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GOVERNMENT OF INDIA

CENTRAL WATER COMMISSION



MAHANADI BASIN

METEOROLOGICAL YEAR BOOK

(JUNE 2016 - MAY 2017)

HYDROLOGICAL OBSERVATION CIRCLE
BHUBANESWAR

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SEPTEMBER – 2017

PREFACE

Realizing the need for a sound meteorological data base due to paradigm shift towards comprehensive planning and development of water resources on a river basin basis, the Government of India through Ministry of Water Resources, River Development and Ganga Rejuvenation has been making efforts to develop data bases covering all aspects of meteorological cycle. Reliable and continuous records of water resources data are essential for the optimum development of water resources. Conducting meteorological observations in addition to the hydrological observations in all-important river basins of India has, therefore, been one of the main activities of Central Water Commission (CWC).

Meteorological observations of Mahanadi Basin were started by CWC in early 1960. Two volumes of Meteorological Year Book for the year 2014-15 and 2015-16 have been published till date. This Meteorological Year Book contains rainfall and climatic data for the year 2016-17 (June 2016 to May 2017) collected at 45 Meteorological stations maintained by CWC in Mahanadi basin.

Besides the daily rainfall, Maximum & Minimum temperatures, Evaporation, Wind direction, Humidity and Wind velocity during 2016-17 at these sites have also been included in the data sheets appended.

This volume covers rainfall, Maximum & Minimum temperatures, Evaporation, Wind direction, Humidity and Wind velocity of 45 sites of Mahanadi basin alongwith salient features and other important statistical information. Sincere efforts put in by the officers and staff of Mahanadi Division, CWC, Burla under the able leadership of Shri N.Srinivasa Rao, Executive Engineer in collecting and processing the data and bringing out this publication is highly commendable. The guidance and encouragement of Chief Engineer, M&ERO, Bhubaneswar and co-operation of the official of H.O. Circle and Chief Engineer office are duly acknowledged.

Bhubaneswar
September, 2017


(D.K. JENA)
Superintending Engineer

LIST OF OFFICERS WHO HAVE CONTRIBUTED TO THIS PUBLICATION

Assistance render by the officers and staff of this division in the collection analysis and validation of data in bringing out the book in this form is thankfully acknowledged. Special appreciation is attributed to the field staff under all the Sub-Division of this Division and also Hydrological Observation Circle,C.W.C, Bhubaneswar for collection of data.

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MAHANADI BASIN METEOROLOGICAL DATA (JUNE 2016 – MAY 2017)

1.1 Scope

Central Water Commission is conducting Hydro-Meteorological observations along with Water Quality, Morphological survey and Flood Forecasting work etc. in Mahanadi Basin at 61 stations which were established under different schemes viz 331 National Net Work, 80 Key Station Scheme, 163 key station scheme and Flood Forecasting plan. All these stations are located in the states of Chhattisgarh & Orissa.

The stations where meteorological observations were conducted during the year 2016-17 are given at Table-1

Table-1

Sl No.	Code No	Name of Station
1.	EMP60E5	Andhiyarkore
2.	EMM00B3	Bamnidihi
3.	EMR00A4	Baronda
4.	EM000R2	Basantpur
5.	EMP40F2	Ghatora
6.	164	Gunderdehi
7.	EMP00A4	Jondhra
8.	EMF00C3	Kantamal
9.	EMF00K6	Kesinga
10.	EMP00P8	Kotni
11.	EMK00E2	Kurubhata
12.	EMM00T7	Manendragarh
13.	EM000U7	Rajim
14.	EMN00B3	Rampur
15.	EMG00E5	Salebhata
16.	EM000R6	Seorinarayan
17.	EMP00J1	Simga
18.	EMI00H3	Sundergarh
19.	EM000G5	Tikarapara
20.	EMP70F3	Pathardihi
21.	009B	Kelo
22.	004B	Parmanpur

23.	Alipingal	Alipingal
24.	Arampur	Arampur
25.	001A	Bangodam
26.	0012B	Deogaon
27.	002B	Dharmjaigarh
28.	008B	Jamadarpali
29.	007B	Khaimal
30.	Khandapara	Khandapara
31.	002A	Korba
32.	Marshaghai	Marshaghai
33.	0010B	Mohulpali
34.	Naraj	Naraj
35.	Nimapara	Nimapara
36.	Padmavati	Padmavati
37.	163	Sankara
38.	005B	Surajgarh
39.	003B	Thettatanger
40.	004A	Baikunthpur
41.	001B	Burla
42.	011B	Gopalpur
43.	003A	Pendraroadd
44.	006B	Phulbani
45.	Rpr	Raipur
46.	Daya Rd. Bridge	Daya Rd. Bridge
47.	Pubansha	Pubansha (S)
48.	Kishan Nagar	Kishan Nagar
49.	Balanga	Balanga
50.	Balakati Rd. Bridge	Balakati Rd. Bridge
51.	Tarapur	Tarapur
52.	Kathjodi Rd. Bridge	Kathjodi Rd. Bridge
53.	Kanas	Kanas (S)
54.	Bhingarpur	Bhingarpur
55.	--	Boudh
56.	--	Kathghora
57.	--	Padampur
58.	--	Maniary Rd Bridge
59.	--	Sarangpal
60.	Kalma	Kalma
61.	166	Malgaon

(S) - Seasonal

1.2 SOURCE OF INFORMATION

Under control of Hydrological Observation Circle CWC Bhubaneswar. in the Mahanadi basin under Mahanadi Division Central Water Commission Burla, during the year 2016-17 Meteorological observation have been conducted at 61 stations, out of these, data collected at 59 stations throughout the year whereas data at 2 stations collected during monsoon season only.



1.3 BASIN DESCRIPTION

River Mahanadi is one of the major inter-state east flowing rivers in the peninsular India. During the course of its traverse, it drains fairly large areas of Chattisgarh and Odisha and comparatively very small areas in the states of Jharkhand, Maharashtra and Madhya Pradesh. The basin encompasses the area within geographical co-ordinates of 80°30' to 86°50' East longitudes and 19°20' to 23°35' of North latitudes. The basin is physically bounded in the North by Central India hills, in the South and East by the Eastern Ghats, and in the West by Maikala hill range. The total catchment area of the basin is 1,41,600 sq. km.

Table below shows state wise break-up of the drainage area and the percentage with reference to total area of the basin.

Table-2

Sl. No.	Name of the State	Drainage Area (km ²)	% of Total Area
1	Chhattisgarh	74,970	52.9
2	Odisha	65,600	46.3
3	Jharkhand	650	0.5
4	Maharashtra	250	0.2
5	Madhya Pradesh	130	0.1
	TOTAL	1,41,600	100.0

1.2 River System

River Mahanadi originates at an elevation of about 442 meter above mean sea level near Pharsiya village near Nagri town in Raipur district of Chattisgarh. Total length of the river from its origin to outfall into the Bay of Bengal is about 851 km out of which 357 km is in Chhattisgarh and the balance 494 km in Odisha. During its traverse, a number of tributaries join the river on both the banks. Mahanadi has 8 major tributaries, out of which 6 join it upstream of Hirakud reservoir, while the balance 2 join it down stream of Hirakud.

The catchment upstream of Hirakud reservoir has an area of 83,400 km². The major tributaries in this reach are Seonath, Ib, Pairi, Jonk, Hasdeo and Mand. The catchment downstream of Hirakud reservoir has an area of 58,200 km². The major tributaries in this reach are Tel and Ong. Though, the catchment area of downstream portion is less than that of the catchment upstream of Hirakud reservoir, it has been seen that the contribution of downstream area to the total flood in Mahanadi is equally significant.

The three major tributaries, namely Seonath and Ib on the Left Bank and Tel on the Right Bank, together constitute nearly 46.63 % of the total catchment area of the river Mahanadi.

Seonath, which is the largest tributary of Mahanadi, rises from an elevation of 533 meter in village Kotgai, District Durg (Chattisgarh), and drains three districts of Chattisgarh, namely, Durg, Rajnandgaon and Bilaspur.

Tel, which is the second largest tributary of Mahanadi, rises from an elevation of 700 m in village Jorigram of Nabarangpur district of Odisha and drains five districts of Odisha, namely Nabarangpur, Kalahandi, Bolangir, Boudh and Kandhamal.

Ib, which is the third largest tributary of Mahanadi, rises from an elevation of 762 m in village Pandrapat, District Raigarh (Chattisgarh). It drains Raigarh and Jashpur districts of Chhattisgarh, along with three districts of Odisha, namely Sundargarh, Jharsuguda and Sambalpur.

1.3 Climate

The Mahanadi basin experiences four distinct seasons, namely the cold weather, the hot weather, the south-west monsoon and the post monsoon. In the cold weather, the winds are generally light and blow either from the north or the north-east and the atmosphere is bright, thus making winters pleasant. The hot season commences in March lasts till the middle of June till the south-west monsoon sets in. Thunderstorms are quite frequent in hot season bringing some rainfall comparatively higher in hilly regions. The highest relative humidity in the basin varies between 68% and 87% and occurs during July/August. The

lowest relative humidity occurs during April/May and varies between 9% and 45%. The average highest relative humidity in the basin is 82% and the average lowest relative humidity is 31.6% (*Water year Book, CWC, 1997*).

1.3.1 Rainfall

The average annual variations in the basin based on daily rainfall data (0.5 X 0.5) for the period 1971-2004, collected from IMD, is shown in Map 4. Major part of the basin area receives rainfall from 1200-1400 mm. More than 90% of the total annual rainfall occurs during monsoon season spread over from June to October. The rainfall is not continuous but occurs in spells of varying durations and intensities. The sub basin wise annual rainfall for 34 years is given in Annexure II: A. Highest 24 hour rainfall recorded in the basin is 581.90 mm in Sambalpur during May, 1982.

However, different blocks in 14 districts (5 of Chhattisgarh and 9 of Odisha) falling in the basin are drought prone (MoRD, 2002).

Details of Rain Gauge stations and other salient features of Mahanadi River and its main tributaries are given below.

Table No. 3

Sl. No.	Name of River	Elevation of source	Length of Tributary (km)	Catchment area (sq.km)	Average annual rainfall (mm)	No. of Rain Gauge stations	% of Total Area
1	Main River Mahanadi	442	851	48,230	1405.0	29	34.1
2	Pairi	488	113	3,503	1213.1	1	2.5
3	Seonath	533	383	30,761	1159.6	9	21.7
4	Jonk	762	196	3,673	1251.2	2	2.6
5	Hasdeo	915	333	9,803	1386.6	5	6.9
6	Mand	686	242	5,237	1465.3	2	3.7
7	lb	762	251	12,447	1375.4	3	8.8
8	Ong	457	204	5,128	1395.7	1	3.6
9	Tel	700	296	22,818	1286.1	2	16.1
		Total		1,41,600			100.0

At present there are 281 Minor, Medium, Major dams and barrages (completed and ongoing) are in the Mahanadi River Basin by the year 2013. They are Hirakud Dam, Bango Dam, Ravishankar Sagar Dam, Murumsilli, Dudhawa, Tandula, Kharang, Kodar, Mayana, Kelo, Maniyari Project, Kosarteda, Sikasar, Sondur, Maroda, Lower Indra, Lower Suktel, Ret, Bagh, Pilasalki etc.

1.4 PAST RECORDS OF METEOROLOGICAL DATA

1.4.1 METEOROLOGICAL SITES:

Meteorological observations like Rainfall, Maximum-Minimum temperature, Wind velocity, Evaporation and Humidity are being conducted at various stations. During the year 2016-17 Rainfall observations were conducted throughout the year at 48 stations where as Maximum-Minimum temperature observations at 29 stations, Wind velocity observation at 19 stations, Humidity observations at 15 stations and Evaporation data observations were conducted at 20 selected stations. The date of availability of data, which included in this report at various stations, is shown at table 4.

Table-4

Sl no.	Name of station	Date of start of observation				
		Rainfall	Max. Min. Temp	Wind velocity	Humidity	Evaporation
1.	Andhiyarkore	01-06-1980	01-06-1978	08.06.1984	N.O.	01.08.1989
2.	Bamnidihi	01-06-1980	01-06-1971	01.08.1975	01.10.2008	01.07.2000
3.	Baronda	01-06-1980	01-06-1978	19.10.2012	N.O.	02.08.1988
4.	Basantpur	01-01-1980	01-07-1975	01.07.1975	01.10.2008	01.02.1988
5.	Ghatora	01-06-1980	01.08.1979	21.01.1981	08.03.2011	01.10.2003
6.	Gunderdehi	01-06-2013	01.07.2013	N.O.	N.O.	N.O.
7.	Jondhra	01-08-1980	27.07.1979	01.09.1984	03.10.2008	06/2001
8.	Kantamal	01-06-1987	01-11-1975	05.06.1981	01.11.2008	07/2008
9.	Kesinga	26-06-1980	01-12-1990	07/2008	06/2008	06/2008
10.	Kotni	01-06-1980	01-01-1978	30.12.1982	05.08.2013	26.10.1988
11.	Kurubhata	01-01-1982	14-08-1978	06/2008	06/2008	06/2008
12.	Manendragarh	16.05-1987	14.05.1987	N.O.	01.10.2008	N.O.
13.	Rajim	01-01-1980	01.05.1971	24.09.1974	01.06.2008	01.08.1974
14.	Rampur	01-07-1980	01.05.1971	01.07.1975	06.07.2013	11.11.1988
15.	Salebhata	01-01-1981	01-11-1988	06/1980	12/2008	07/2013
16.	Seorinarayan	01.06.1995	17.02.1986	05.07.1999	01.06.2008	04/1999
17.	Simga	05-06-1980	01.08.1972	07.07.1984	05.07.2014	01.06.1987
18.	Sundergarh	11-08-1980	01-01-1988	01/2010	06/2008	06/2008
19.	Tikarapara	01-10-1977	01-06-1985	01.08.1980	N.O.	10/1977
20.	Pathardih	23-06-1989	01-06-1989	11.01.1994	N.O.	16.04.2007
21.	Kelo	03-04-2001	N.O.	N.O.	N.O.	N.O.
22.	Parmanpur	01-05-2005	N.O.	N.O.	N.O.	N.O.
23.	Alipingal	01.06.2008	N.O.	N.O.	N.O.	N.O.
24.	Arampur	01.06.2008	N.O.	N.O.	N.O.	N.O.
25.	Balakati Rd. Bridge	08/2014	N.O.	N.O.	N.O.	N.O.
26.	Balanga	08/2014	N.O.	N.O.	N.O.	N.O.
27.	Bangodam	01-06-1984	01.11.1987	N.O.	N.O.	N.O.
28.	Bhingarpur	08/2014	N.O.	N.O.	N.O.	N.O.
29.	Daya Rd. Bridge	08/2014	N.O.	N.O.	N.O.	N.O.
30.	Deogaon	01-07-2004	01-01-2006	N.O.	N.O.	N.O.
31.	Dharmjaigarh	06-07-1987	01-11-1990	N.O.	N.O.	N.O.
32.	Jamadarpli	17-06-1995	N.O.	N.O.	N.O.	N.O.
33.	Kathjodi Rd. Bridge	08/2014	N.O.	N.O.	N.O.	N.O.
34.	Kanas	01.06.2008	N.O.	N.O.	N.O.	N.O.
35.	Khairmal	01-06-1985	01-02-1989	N.O.	N.O.	N.O.
36.	Khandapara	01.02.2008	N.O.	N.O.	N.O.	N.O.
37.	Kishan Nagar	08/2014	N.O.	N.O.	N.O.	N.O.
38.	Korba	24.02.1994	01.09.1988	N.A.	N.O.	N.O.

39.	Marshaghai	15.06.2015	N.O.	N.O.	N.O.	N.O.
40.	Mohulpali	01-06-2003	01-07-2005	N.O.	N.O.	N.O.
41.	Naraj	01.02.2008	N.O.	N.O.	N.O.	N.O.
42.	Nimapara	01.02.2008	N.O.	N.O.	N.O.	N.O.
43.	Padmavati	01.02.2008	N.O.	N.O.	N.O.	N.O.
44.	Pubansha	15.06.2015	N.O.	N.O.	N.O.	N.O.
45.	Sankara	01-06-1987	01-11-1988	19.08.2001	N.O.	21.05.2002
46.	Surajgarh	01-07-1989	N.O.	N.O.	N.O.	N.O.
47.	Tarapur	08/2014	N.O.	N.O.	N.O.	N.O.
48.	Thettatanger	01-06-1987	01-01-2000	N.O.	N.O.	N.O.
49.	Baikunthpur	27-06-1985	N.O.	N.O.	N.O.	N.O.
50.	Burla	01-06-1984	01-01-2005	N.O.	N.O.	01.01.2005
51.	Gopalpur	01.06.2003	N.O.	N.O.	N.O.	N.O.
52.	Pendraroad	01-04-1984	N.O.	N.O.	N.O.	N.O.
53.	Phulbani	14-09-1985	N.O.	N.O.	N.O.	N.O.
54.	Raipur	20-07-1984	N.O.	N.O.	N.O.	N.O.
55.	Boudh	N.O.	N.O.	N.O.	N.O.	N.O.
56.	Kathghora	N.O.	N.O.	N.O.	N.O.	N.O.
57.	Padampur	N.O.	N.O.	N.O.	N.O.	N.O.
58.	Maniary Rd Bridge	N.O.	N.O.	N.O.	N.O.	N.O.
59.	Sarangpal	N.O.	N.O.	N.O.	N.O.	N.O.
60.	Kalma	N.O.	N.O.	N.O.	N.O.	N.O.
61.	Malgaon	N.O.	N.O.	N.O.	N.O.	N.O.

N.O. – Not observed.

1.5 OBSERVATION TECHNIQUE

Meteorological observations at GDQ/GDSQ site are recorded regularly at 08.30hrs and 17.30 hrs. The Meteorological instruments are installed in the premises of the site offices. The data observed at sites is sent to Division office for further processing. The observation technique applied for the collection of Meteorological data is given below.

1.5.1 RAIN FALL

Accuracy in the measurement of rainfall is of great importance in almost every field of its application and is significant in agriculture, irrigation, design of waterways, flood control, power generation and conservation of water resources at national and international levels.

The Ordinary Rain-gauge (ORG) is made of fiberglass reinforced polyester material as per Indian Standard Specification No. IS 5225: 1992 (old version 5225-1969). The details of ORG installed at sites are given below.

Measuring capacity of Rainfall in mm	Collector Nominal	Base	Bottle
100	200 cm ²	Small	2 liter
200	200 cm ²	Small	4 liter

Both the above 100 and 200 mm rainfall rain gauges are identical except for the bottle used. The rain gauges capacity can be changed by interchanging the collectors on the base and having bottles of different capacities. The 2 liter bottle is used only in regions where rainfall between two observations is likely to be less than 100 mm or where

an additional cylinder is used to collect the overflow, if any, from the bottle. The rim diameter of the collector is 159.6 mm. The base and the collector are locked together by a set of two locking rings fixed firmly to the two parts.

Besides, a hasp and staple is provided to permanently lock the rain gauge with a padlock. Care is taken that the rain gauge is not installed on the ground that falls away steeply on the side of prevailing wind. Its distance from every object is generally kept four times the height of the object and never less than twice the height of the object, above rim of the gauge.

Rainfall is measured in terms of the depth of the water, which would be collected upon a level area of any size, assuming the rain to fall uniformly over the area at the rate which it falls uniformly over the area of rim collector of rain gauge. Thus, one centimeter of rainfall means that if the rain were to fall on the level surface which does not absorb it and from which it cannot run off or evaporate, it would form a sheet of water one centimeter in depth. To measure the rainfall, the water collected in the receiving bottle is poured in to especially graduated glass cylinders are manufactured according to Indian Standard Specification No. IS:4849-4968. Care is taken to avoid spilling of the collected water.

As per their requirement, Indian Meteorological Department (IMD) has installed the rain gauges at some of the selected sites of CWC. The rainfall data from these sites is communicated to IMD, Pune as per their time schedule. At the remaining sites the rain gauges have been installed by field divisions of Central Water Commission. The date of installation of rain gauges (both ORG & SRRG) and the names of the agencies maintaining them is given at Table 5.

Table No. 5

NAME OF THE AGENCY MAINTAINING ORG & SRRG

SL No.	Site Name	SRG (Date)	Agency (CWC / IMD)	ARG (Date)	Agency (CWC / IMD)
1.	Andhiyarkore	01.06.1980	CWC	01.07.1980	CWC
2.	Bamnidihi	29.01.1971	CWC	02.07.1990	CWC
3.	Baronda	01.06.1980	CWC	04.06.1988	CWC
4.	Basantpur	01.02.1971	CWC	05.06.1978	CWC
5.	Ghatora	09.07.1994	CWC	N.O.	N.A.
6.	Gunderdehi	01.06.2013	CWC	N.O.	N.A.
7.	Jondhra	24.01.1979	CWC	06/1990	CWC
8.	Kantamal	01.06.1987	CWC	07/1979	CWC
9.	Kesinga	26.06.1980	CWC	07/1988	CWC
10.	Kotni	01.06.1980	CWC	07.02.1995	CWC
11.	Kurubhata	01.01.1982	CWC	N.O.	N.A.
12.	Manendragarh	16.05.1987	CWC	04/1994	CWC
13.	Rajim	01.01.1980	CWC	01.06.1984	CWC
14.	Rampur	01.07.0980	CWC	01.07.1980	CWC
15.	Salebhata	01.01.1981	CWC	N.O.	N.A.
16.	Seorinarayan	01.06.1995	CWC	N.O.	N.A.
17.	Simga	05.06.1980	CWC	26.05.1987	CWC
18.	Sundergarh	11.08.1980	CWC	05/1990	CWC
19.	Tikarapara	01.10.1977	CWC	04/1976	CWC
20.	Pathardih	20.06.1989	CWC	26.05.2003	CWC
21.	Kelo	03.04.2001	CWC	N.O.	N.A.
22.	Parmanpur	01.05.2005	CWC	N.O.	N.A.

23.	Alipingal	01.02.2008	CWC	N.O.	N.A.
24.	Arapur	01.02.2008	CWC	N.O.	N.A.
25.	Balakati Rd. Bridge	01.08.2014	CWC	N.O.	N.A.
26.	Balanga	01.08.2014	CWC	N.O.	N.A.
27.	Bangodam	01.06.1984	CWC	N.O.	N.A.
28.	Bhingarpur	01.08.2014	CWC	N.O.	N.A.
29.	Daya Rd. Bridge	01.08.2014	CWC	N.O.	N.A.
30.	Deogaon	01.07.2004	CWC	N.O.	N.A.
31.	Dharmjaigarh	06.07.1987	CWC	N.O.	N.A.
32.	Jamadarpali	17.06.1995	CWC	N.O.	N.A.
33.	Kathjodi Rd. Bridge	15.07.2014	CWC	N.O.	N.A.
34.	Kanas	01.06.2008	CWC	N.O.	N.A.
35.	Khairmal	01.06.1985	CWC	N.O.	N.A.
36.	Khandapara	01.02.2008	CWC	N.O.	N.A.
37.	Kishan Nagar	01.08.2014	CWC	N.O.	N.A.
38.	Korba	24.02.1994	CWC	N.O.	N.A.
39.	Marshaghai	15.06.2015	CWC	N.O.	N.A.
40.	Mohulpali	01.06.2003	CWC	N.O.	N.A.
41.	Naraj	01.02.2008	CWC	N.O.	N.A.
42.	Nimapara	01.02.2008	CWC	N.O.	N.A.
43.	Padmavati	01.02.2008	CWC	N.O.	N.A.
44.	Pubansha	15.06.2015	CWC	N.O.	N.A.
45.	Sankara	01.07.1987	CWC	N.O.	N.A.
46.	Surajgarh	01.07.1989	CWC	N.O.	N.A.
47.	Tarapur	01.07.2014	CWC	N.O.	N.A.
48.	Thettatanger	01.06.1987	CWC	N.O.	N.A.
49.	Baikunthpur	04.07.1984	CWC	N.O.	N.A.
50.	Burla	01.06.1984	CWC	N.O.	N.A.
51.	Gopalpur	01.06.2003	CWC	N.O.	N.A.
52.	Pendraroad	07.04.19984	CWC	N.O.	N.A.
53.	Phulbani	14.09.1985	CWC	N.O.	N.A.
54.	Raipur	20.07.1984	CWC	N.O.	N.A.
55.	Boudh	N.O.	N.O.	N.O.	N.O.
56.	Kathghora	N.O.	N.O.	N.O.	N.O.
57.	Padampur	N.O.	N.O.	N.O.	N.O.
58.	Maniary Bridge	N.O.	N.O.	N.O.	N.O.
59.	Sarangpal	N.O.	N.O.	N.O.	N.O.
60.	Kalma	N.O.	N.O.	N.O.	N.O.
61.	Malgaon	N.O.	N.O.	N.O.	N.O.

No ARG of any site is in working condition. Most of the sites have been installed with Tipping Bucket Rain gauge except site Kotni, Baronda, Pathardih, Rampur, Gopalpur and sites opened during 2013 to 2015.

N.O. – Not Observed. N.A. – Not Applicable.

1.5.2 MAXIMUM MINIMUM TEMPERATURE

As general purpose maximum and minimum thermometer is used at sites for registering extremes of temperature during a day i.e, 24 hrs. The thermometer of 'A' pattern having range -40°C to $+60^{\circ}\text{C}$ with smallest scale divisions equivalent to 1.0°C (IS: 7000-1973) is generally used.

The thermometer is exposed in wooden louvered enclosure known as Stevenson screen, which support the thermometers and shield them from direct radiation from outside sources and from precipitation while allowing free circulation of air around them, and prevent accidental damage.

1.5.3 WIND VELOCITY

The accurate measurement of wind velocity is of great importance in meteorological research and practice, agriculture, transport, shipping, industry, engineering and in many other fields of human activity. The simplest and most common method of measuring wind velocity is by the use of a Cup Counter Anemometer in which the run of wind is indicated directly on a revolution counter. From the readings of the counter at the beginning and the end of a specified period i.e. one day, the mean wind velocity over the period is calculated.

The instrument specified in Indian Standard Specification No. IS:5912-1970 is used for this purpose at sites. The instrument is fixed at the top of a pole erected /roof top in the site office premises. The instrument has a cup wheel consisting of three conical cups with beaded edges, free to rotate in a horizontal plane. The cup wheel spindle is connected by worm gearing to a revolution counter mounted inside a waterproof housing. The gear ratio between the cup and counter spindles is so chosen that the run of the wind is shown.

1.5.4 HUMIDITY

Humidity data is of great importance in agriculture, Irrigation, ware housing especially for grains, transport, tourism, and meteorological research and in many other field of human activity. The simplest and most common method of measuring humidity is by the use of Dry & Wet bulb thermometer. The range of these thermometers is from -10°C to 50°C with smallest scale division's equivalent to 1.0°C . These thermometers are exposed in Stevenson Screen. By the observed temperature from both these thermometers, humidity is determined from Hygrometric table.

1.5.5 EVAPORATION

The measurement of the amount of water evaporated from the soil and from free water surfaces is of great importance in agriculture, hydro meteorological studies, in the design, operation of reservoirs, and in irrigation and drainage systems. The rate of evaporation is defined as the amount of water lost by evaporation from a unit surface area, in unit time. This is proportionate to depth of water lost in unit time. The unit time is generally a day and the unit depth is in millimeters.

Evaporation is measured at sites using a Pan Evaporimeter. The values obtained with Pan Evaporimeter do not give directly the evaporation from a surface representative of natural conditions. They indicate, however, the order of magnitude of evaporation from such surfaces and comparative results over different areas need to be obtained by using identical instruments and similar exposures.

The pan Evaporimeter as specified in Indian Standard Specification No. IS: 5973-1970 is used at sites for observing evaporation data. The instrument consists of a cylindrical reservoir of fixed diameter and depth, filled with water to few centimeters below to rim. A fixed point gauge in a stilling well serves to indicate the level of water at each observation to bring the water level to the fixed point. The cross sectional area of the measuring cylinder is such that the number of millimeters of water added from the measuring cylinder divided by 100 gives the amount of

water in millimeters which has been evaporated from pan during a given interval of time. The reservoir is covered with wire mesh netting to protect the pan from birds and animals. A thermometer suspended from mount clamped to the side of the reservoir records the temperature of the water in the pan.

2.0 METEOROLOGICAL DATA

2.1 EXPLANATORY NOTES

The explanatory notes described here under are to assist in the interpretation of Meteorological parameters contained in the data presented here.

1. Meteorological parameters are observed at sites regularly at 08.30 hrs & 17.30 hrs.
2. Water year ranges from 1st June of one calendar year to 31st May of the next calendar year and covers one complete Hydrological cycle.
3. Measuring authority refers to the field division responsible for the collection of Meteorological data.
4. All the Meteorological data viz. Maximum- Minimum temperature, Wind Velocity, Humidity and Evaporation is published in the form of daily observed data keeping in view of its utility in designing of hydrological, hydropower projects and for agriculture purposes etc.

2.2 METHOD OF PRESENTATION

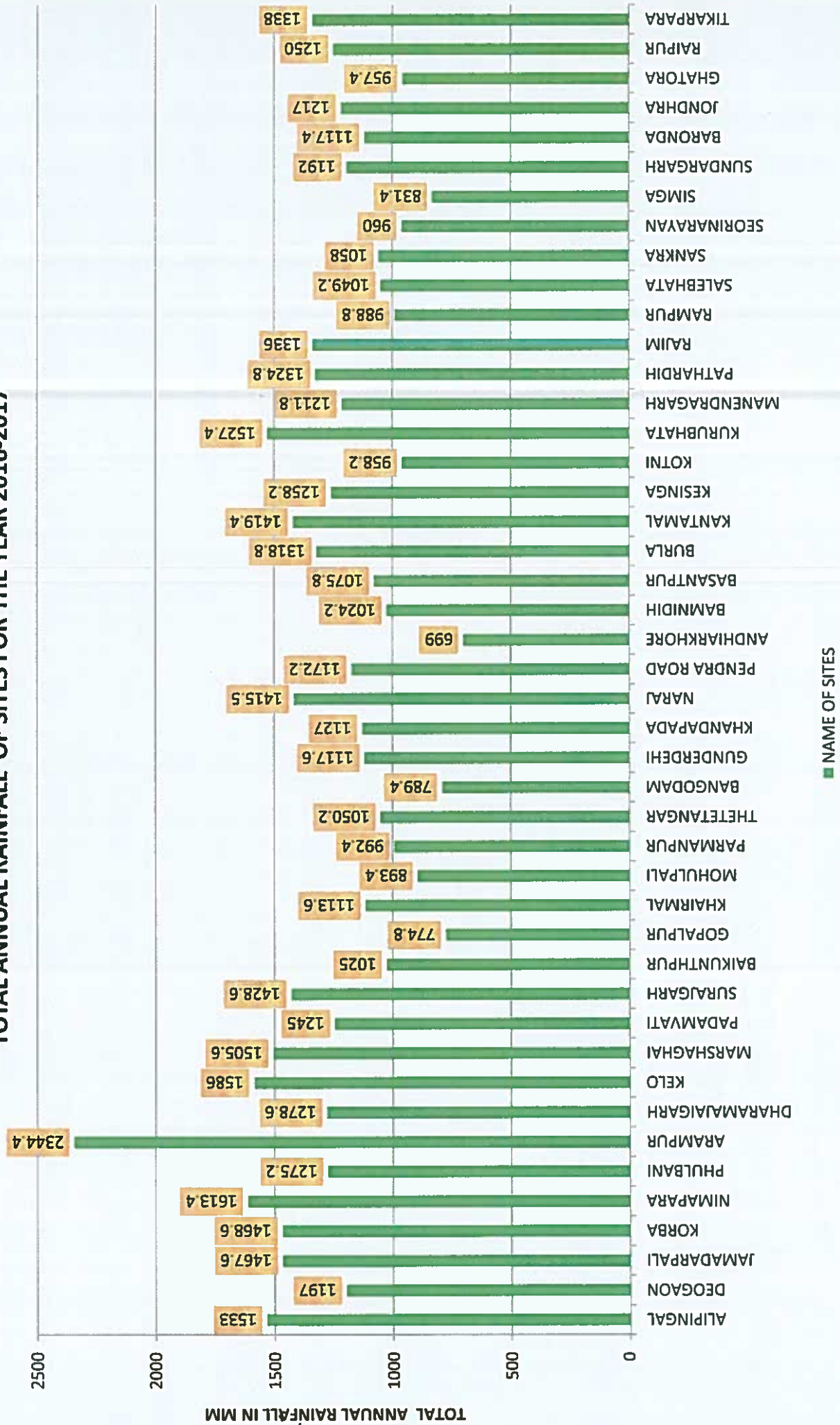
In the succeeding pages, station wise Meteorological data (Twice Daily & Daily observed) are presented containing Maximum-Minimum temperature, Wind Velocity, Evaporation, Humidity and Rainfall data. The sequence of stations is arranged from the origin of the river to mouth giving the priority to an intermediate tributary station in a similar fashion.

Table 1. Salient features of the Basin

Sl. No.	Features	Description
1	Basin Extent	80° 28' to 86° 43' E 19° 8' to 23° 32' N
2	Area (Sq.km)	141589
3	States in the basin	Chhattisgarh (52.42%), Odisha (47.14%), Maharashtra (0.23%), Madhya Pradesh (0.11%), and Jharkhand (0.1%)
4	Districts	45
5	Parliamentary Constituencies (2009)	32
6	Mean Annual Rainfall (mm)	1165.0
7	Mean Maximum Temperature (o C)	46.6
8	Mean Minimum Temperature (o C)	9.3
9	Total Population (As per Census 2001)	40758099
10	Number of villages(As per Census 2001)	38285
11	Highest Elevation (m)	1321 (SRTM DEM)
12	Avg. Annual Water Potential (BCM)	66.9
13	Utilizable Surface Water (BCM)	50
14	Number of Sub-basins	8
15	Number of Watersheds	227
16	Number of water resources structures	Dams (253) Barrages (14) Weir (13) Anicuts (0) Lifts (1) Power House (6)
17	Highest Dam	Minimata (Hasdeo) Bango Dam (87 m)
18	Longest Dam	Hirakud Dam (4800 m)
19	Highest Barrage	Karra Nalla Barrage (18.89 m)
20	Longest Barrage	Mahanadi Barrage (1928 m)
21	Number of Irrigation projects	Major : 24 Medium: 50

		ERM: 16
22	Number of HE projects	5
23	Number of Ground water observation wells	1147
24	Number of Hydro-Observation sites	61 existing,
25	Number of Flood Forecasting Sites	4
26	Water tourism sites	12 Water tourism sites, 14 Wildlife Sanctuaries / National Parks
*as per data available under India-WRIS		

TOTAL ANNUAL RAINFALL OF SITES FOR THE YEAR 2016-2017



Site wise Maximum-Minimum Temperature And Total Annual Rainfall

Sl. No	Site Name	District	Taluk	Temperature (° C)		Total Rainfall (mm) 2016-17
1.	Andhiyarkore	Durg	Nawagarh	49.0	7.5	699.0
2.	Bamnidihi	Jangir-champa	Jangir	47	7.0	1024.2
3.	Baronda	Raipur	Rajim	48.0	9.0	1117.4
4.	Basantpur	Jangir-champa	Champa	48.0	8.0	1075.8
5.	Ghatora	Bilaspur	Bilaspur	47.0	8.0	957.4
6.	Gunderdehi	Durg	Balod	48.0	8.0	1117.6
7.	Jondhra	Bilaspur	Masturi	48.0	6.0	1217
8.	Kantamal	Baudh	Kantamal	46.0	9.0	1419.4
9.	Kesinga	Kalahandi	Bhawanipatna	46.5	8.5	1258.2
10.	Kotni	Durg	Durg	48.0	11.0	958.2
11.	Kurubhata	Raigarh	Raigarh	47.0	12.0	1527.4
12.	Manendragarh	Koria	Manendragarh	42.0	10.0	1211.8
13.	Rajim	Raipur	Rajim	46.0	9.0	1336.0
14.	Rampur	Raipur	Blodabazar	47.5	8.0	988.8
15.	Salebhata	Balangir	Balangir	49.0	9.0	1049.2
16.	Seorinarayan	Janjgir-champ	champa	48.0	13.0	960.0
17.	Simga	Raipur	Simga	42.0	11.0	831.4
18.	Sundergarh	Sundergarh	Sundergarh	47.0	8.0	1192.0
19.	Tikarapara	Angul	Angul	N.O	N.O	1338.0
20.	Pathardih	Raipur	Raipur	43.5	14.5	1324.8
21.	Kelo	Raigarh	Raigarh	N.O.	N.O.	1586.0
22.	Parmanpur	Jharsuguda	Jharsuguda	N.O.	N.O.	992.4
23.	Alipingal	Jagatsinghpur	Jagatsinghpur	N.O.	N.O.	1533.0
24.	Arapur	Angul	Athamalik	N.O.	N.O.	2344.4
25.	Balakati Rd. Bridge	Khurda	Khurda	N.O.	N.O.	N.O.
26.	Balanga	Puri	Nimapada	N.O.	N.O.	N.O.
27.	Bangodam	Korba	Katghora	N.O.	N.O.	789.4
28.	Bhingarpur	Cuttack		N.O.	N.O.	N.O.
29.	Daya Rd. Bridge	Khurda	Bhubaneswar	N.O.	N.O.	N.O.
30.	Deogaon	Sambalpur	Sambalpur	N.O.	N.O.	1197.0

Site wise Maximum-Minimum Temperature And Total Annual Rainfall

Sl. No	Site Name	District	Taluk	Temperature (° C)		Total Rainfall (mm) 2016-17
31.	Dharmjaigarh	Raigarh	Dharamjaygarh	N.O.	N.O.	1278.6
32.	Jamadarpli	Sambalpur	Sambalpur	N.O.	N.O.	1467.6
33.	Kathjodi Rd. Bridge	Cuttack	Cuttack	N.O.	N.O.	N.O.
34.	Kanas	Puri	Puri	N.O.	N.O.	N.O.
35.	Khairmal	Baudh	Baudh	N.O.	N.O.	1113.6
36.	Khandapara	Nayagarh	Khandapara	N.O.	N.O.	1127.0
37.	Kishan Nagar	Cuttack	Cuttack	N.O.	N.O.	N.O.
38.	Korba	Korba	Korba	N.O.	N.O.	1468.6
39.	Marshaghai	Kandrapada	Kandrapada	N.O.	N.O.	1505.6
40.	Mohulpali	Sambalpur	Kuchinda	N.O.	N.O.	893.4
41.	Naraj	Cuttack	Cuttack	N.O.	N.O.	1415.5
42.	Nimapara	Puri	Nimapada	N.O.	N.O.	1613.4
43.	Padmavati	Nayagarh	Khandapada	N.O.	N.O.	1245.0
44.	Pubansha	Kendrapada	Kendrapada	N.O.	N.O.	N.O.
45.	Sankara	Mahasamund	Mahasamund	47.0	5.0	1058.0
46.	Surajgarh	Raigarh	Raigarh	N.O.	N.O.	1428.6
47.	Tarapur	Jagatsinghpur	Kujanga	N.O.	N.O.	N.O.
48.	Thettatanger	Jashpumagar	Kunkuri	N.O.	N.O.	1050.2
49.	Baikunthpur	Koria	Baikuntpur	N.O.	N.O.	1025.0
50.	Burla	Sambalpur	Sambalpur	46.0	9.5	1318.8
51.	Gopalpur	Sundergarh	Sundergarh	N.O.	N.O.	774.8
52.	Pendraroad	Bilaspur	Pandraroad	N.O.	N.O.	1172.2
53.	Phulbani	Kandhamal	Phulabani	N.O.	N.O.	1275.2
54.	Raipur	Raipur	Raipur	N.O.	N.O.	1250
55.	Boudh	Angul	Angul	N.O.	N.O.	N.O.
56.	Kathghora	Korba	Kathghora	N.O.	N.O.	N.O.
57.	Padampur	Bargarh.	Padampur	N.O.	N.O.	N.O.
58.	Maniary Bridge	Bilaspur	Mungeli	N.O.	N.O.	N.O.
59.	Sarangpal	Kanker	Kanker	N.O.	N.O.	N.O.
60.	Kalma	Janjgir-Champa	Dabhra	N.O.	N.O.	N.O.
61.	Malgaon	Raipur	Rajim	N.O.	N.O.	N.O.

N.O. – Not Observed

ABBREVIATIONS AND SYMBOLS

Km : Kilometer

mm : Millimeter

° : Degree

' : Minute

° C : Degree Celsius

H : Hour

Hrs : Hours

Km/h : Kilometer per hour

% : Percentage

MD : Mahanadi Division

SRRG : Self Recording Rain gauge

ORG : Ordinary Rain Gauge

NA : Not Available

HYDROLOGICAL SITES

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA

Sub-Division : Burla

- 0.0 .. N.A.

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																
1	29.0	29.5	39.0	40.0	34.0	35.0	28.0	28.0	63.0	58.0	-	-	4.0	6.0	29.0	38.5
2	27.0	29.0	36.0	39.0	32.0	34.0	27.0	27.0	67.0	56.0	-	-	4.0	4.0	29.5	39.0
3	27.0	28.0	35.0	40.0	30.0	32.0	27.0	27.0	78.0	67.0	0.2	-	4.2	8.0	30.0	37.0
4	30.0	29.0	40.0	42.0	32.0	34.0	28.0	28.0	73.0	61.0	11.6	-	7.0	6.0	29.0	38.5
5	28.0	33.0	38.0	40.0	32.5	36.0	27.5	27.0	67.0	48.0	-	-	4.0	8.0	30.0	39.0
6	29.0	32.0	39.0	40.0	33.0	35.0	28.0	28.0	68.0	69.0	-	-	4.0	8.0	31.0	38.5
7	28.0	32.0	38.0	39.0	34.0	35.0	30.0	26.0	72.0	46.0	-	-	6.0	4.4	30.5	37.0
8	29.0	30.0	40.0	38.0	32.0	34.0	30.0	28.0	84.0	62.0	10.4	3.0	4.4	30.5	38.0	37.5
9	28.0	30.0	38.0	40.0	33.0	36.0	28.0	32.0	68.0	75.0	1.0	-	6.0	6.0	29.0	37.5
10	29.0	32.0	39.0	39.0	34.0	35.0	30.0	28.0	74.0	58.0	0.2	-	6.2	6.0	37.5	36.5
11	27.0	28.5	37.0	38.0	32.5	34.0	28.0	29.0	68.0	68.0	-	0.2	4.0	4.2	35.0	37.5
12	28.5	30.0	36.0	37.0	32.0	36.0	30.0	32.0	75.0	75.0	-	-	2.0	8.0	37.5	35.0
13	29.0	29.5	37.0	38.5	30.0	32.0	28.0	27.0	67.0	67.0	-	-	4.0	6.0	31.0	37.0
14	30.0	34.0	46.0	40.0	32.0	36.0	27.0	30.0	63.0	63.0	-	-	6.0	4.0	28.5	38.5
15	31.0	37.0	43.0	42.0	35.0	38.0	29.0	30.0	58.0	58.0	-	-	3.0	4.0	31.5	39.5
16	30.0	29.0	43.5	39.0	30.0	30.0	28.0	25.0	85.0	65.0	1.4	-	5.4	4.0	29.5	37.5
17	30.0	37.0	43.0	39.0	32.0	30.0	27.0	27.0	63.0	78.0	0.8	-	4.8	6.0	28.5	35.0
18	27.0	29.0	36.0	31.0	30.0	30.0	27.0	27.0	78.0	78.0	-	0.2	2.0	2.2	30.0	33.0
19	37.0	27.0	42.0	40.0	38.0	30.0	30.0	26.0	75.0	72.0	18.2	-	3.2	4.0	29.0	36.5
20	28.0	34.0	40.0	38.0	30.0	35.0	27.0	28.0	78.0	58.0	-	-	1.8	4.0	29.5	37.0
21	35.0	37.0	36.0	41.0	32.0	36.0	27.0	29.0	67.0	58.0	-	-	2.0	8.0	30.0	38.5
22	33.0	34.0	34.0	43.0	31.0	36.0	30.0	30.0	93.0	63.0	-	-	2.0	9.0	30.0	37.5
23	35.0	34.0	39.0	35.0	30.0	33.0	27.0	28.0	78.0	68.0	-	-	2.4	3.6	29.0	35.5
24	28.0	33.0	29.0	37.0	27.0	32.0	26.0	27.0	92.0	67.0	23.8	-	3.8	2.0	27.0	36.5
25	29.0	34.0	34.0	35.0	30.0	33.0	27.0	28.0	78.0	68.0	0.2	-	1.6	4.0	28.0	38.5
26	28.0	36.0	38.0	39.0	32.0	33.0	28.0	27.0	73.0	62.0	3.4	-	1.0	4.0	31.0	36.5
27	27.0	22.0	39.0	28.5	32.0	29.0	28.0	27.0	73.0	85.0	-	-	4.0	2.0	29.5	38.5
28	28.0	36.0	34.0	39.0	32.0	32.0	28.0	27.0	73.0	67.0	-	-	4.0	2.0	31.0	33.5
29	29.0	31.0	32.0	37.0	30.0	30.0	27.0	28.0	78.0	85.0	0.8	-	2.0	4.0	30.0	34.5
30	29.5	35.0	35.0	30.0	30.0	30.0	29.0	29.0	93.0	93.0	-	-	2.6	2.6	29.5	29.5
Total	883.0	916.5*	1135.5	1114.0*	954.0	971.0*	841.5	811.0*	2222.0	1905.0*	61.6	10.8	110.0	145.8*	911.0	1075.5*
Average	29.4	31.6*	37.9	38.4*	31.8	33.5*	28.1	28.0*	74.1	65.7*	2.1	0.4	255.8*	255.8*	30.4	37.1*
	30.5*			38.1*	32.6*	32.6*	28.0*	28.0*	69.9*	69.9*	1.2				33.7*	

* : One or more data missing LPOPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA

Sub-Division : Burla

- 0.0 - N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	33.0	38.0	37.0	40.0	30.0	32.0	30.0	34.0	86.0	93.0	-	-	3.7	4.0	29.0	34.5
1	27.0	29.0	30.0	30.0	29.0	28.0	28.0	25.0	92.0	77.0	-	-	3.4	2.0	28.5	30.0
2	27.0	29.0	30.0	30.0	29.0	28.0	28.0	25.0	92.0	77.0	-	-	3.4	2.0	28.5	30.0
3	24.0	27.0	27.0	28.0	27.0	27.0	25.0	25.0	84.0	84.0	22.0	2.0	2.0	2.0	26.5	29.5
4	20.0	25.0	29.0	27.0	25.0	27.0	24.0	26.0	92.0	92.0	3.4	3.8	1.4	0.8	27.0	26.5
5	26.0	32.0	27.0	33.0	26.0	27.0	25.0	26.0	92.0	92.0	0.4	8.2	0.6	3.4	26.0	27.5
6	24.0	25.0	28.0	27.0	24.0	27.0	24.0	26.0	96.0	92.0	16.2	-	8.2	0.8	25.5	26.0
7	25.0	24.0	33.0	27.0	27.0	27.0	25.5	24.0	88.0	77.0	2.0	0.4	-	2.0	27.0	28.5
8	22.0	23.0	23.0	30.0	24.0	26.0	22.0	25.0	83.0	92.0	1.4	0.4	1.4	1.4	22.0	27.5
9	24.0	24.0	26.0	27.0	25.0	27.0	23.0	24.0	84.0	77.0	1.8	-	1.8	1.2	26.5	28.5
10	25.0	24.0	25.0	29.0	25.0	30.0	24.0	26.0	92.0	92.0	-	-	1.0	2.0	25.0	30.0
11	25.5	25.0	34.0	30.0	24.5	27.0	24.0	24.0	96.0	77.0	0.6	-	1.2	2.0	25.5	30.5
12	28.0	25.0	29.0	35.0	27.0	27.0	26.0	25.0	92.0	84.0	-	-	0.8	2.0	27.0	31.0
13	25.0	27.0	32.0	28.0	26.5	27.0	25.0	26.0	88.0	92.0	0.2	1.4	0.4	2.2	26.0	29.5
14	26.0	29.0	32.0	33.0	28.0	29.0	27.0	26.0	92.0	71.0	3.6	-	-	2.0	27.0	33.5
15	30.0	30.0	31.0	35.0	29.0	25.0	28.0	22.0	92.0	76.0	9.4	5.0	2.4	3.0	28.0	30.0
16	25.0	25.5	33.0	26.0	26.0	25.0	25.0	24.0	92.0	92.0	2.4	12.0	-	8.0	27.0	28.0
17	25.0	20.0	29.0	25.0	29.0	27.0	26.0	24.0	78.0	77.0	0.2	13.2	2.0	6.0	26.5	27.0
18	24.0	27.0	32.0	31.0	27.0	29.0	26.0	25.0	92.0	71.0	4.4	5.4	-	6.0	26.0	32.5
19	32.0	25.0	32.0	31.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	2.0	4.0	27.0	35.0
20	28.0	32.0	30.0	33.0	27.0	30.0	26.0	28.0	92.0	85.0	-	-	3.0	1.0	28.0	35.0
21	26.0	29.0	34.0	32.0	29.0	30.0	27.0	27.0	85.0	78.0	12.2	0.2	4.2	2.0	29.0	35.0
22	27.0	29.0	31.0	30.0	29.0	28.0	27.0	27.0	85.0	92.0	-	7.8	1.0	1.8	29.0	32.0
23	25.0	31.0	32.0	32.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	3.0	2.0	28.5	35.0
24	32.0	30.0	33.0	32.0	30.0	33.0	27.0	26.0	78.0	72.0	-	-	1.0	4.0	29.0	33.5
25	26.0	25.0	32.0	27.0	29.0	27.0	27.0	25.0	85.0	84.0	-	10.0	6.0	10.0	28.0	29.5
26	29.0	23.0	30.0	24.0	27.0	22.0	26.0	22.0	92.0	95.0	-	58.0	2.0	4.0	27.5	26.0
27	20.0	30.0	25.0	31.0	29.0	29.0	26.0	27.0	78.0	85.0	12.0	-	4.0	2.0	26.0	34.0
28	26.0	30.0	40.0	35.0	29.0	33.0	27.0	29.0	85.0	74.0	-	-	4.0	4.0	29.0	39.0
29	30.0	30.0	31.0	36.0	30.0	30.0	28.0	27.0	85.0	78.0	-	0.2	1.0	2.2	30.5	35.0
30	30.0	27.0	31.0	35.0	30.0	30.0	28.0	28.0	85.0	85.0	-	-	2.0	2.0	30.0	34.0
31	27.0	32.0	25.0	25.0	25.0	25.0	24.0	24.0	92.0	92.0	49.8	-	1.8	-	31.0	-
Total	810.5	853.5	959.0	953.0	848.0	880.0	800.5	807.0	2729.0	2565.0	142.0	126.0	65.3	91.8	848.5	974.5
Average	26.1	27.5	30.9	30.7	27.4	28.4	25.8	26.0	88.0	82.7	4.6	4.1	-	-	27.4	31.4
	26.8	30.8	27.9	25.9	25.9	4.3	157.1	29.4	85.4	4.3	157.1	29.4	157.1	29.4	29.4	29.4

1.8

* : One or more data missing LDoPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
- 0.0 .. N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	27.0	35.0	35.0	30.0	29.0	30.0	25.0	27.0	70.0	85.0	-	-	1.2	2.0	32.5	35.0
1	29.0	30.0	35.0	36.0	29.0	30.0	25.0	27.0	70.0	85.0	-	-	1.2	2.0	32.5	35.0
2	25.0	31.0	26.0	33.0	25.5	27.0	25.0	25.0	96.0	84.0	17.8	0.4	2.4	1.6	26.5	33.5
3	28.0	32.0	29.0	35.0	26.0	27.0	25.0	25.0	92.0	84.0	101.8	0.6	1.8	1.6	26.5	32.0
4	25.0	23.0	32.0	27.0	25.0	25.0	24.0	22.0	92.0	76.0	205.6	1.8	0.2	2.6	25.5	30.5
5	26.0	25.0	27.0	27.0	26.0	25.0	25.0	23.0	92.0	84.0	92.2	2.8	2.2	6.0	26.0	29.0
6	25.0	25.0	27.0	26.0	24.0	25.0	23.0	24.0	92.0	92.0	2.2	14.4	0.2	2.4	25.0	27.5
7	26.0	25.0	27.0	30.0	26.0	27.0	25.0	25.0	92.0	85.0	2.0	0.4	1.0	1.6	27.0	30.0
8	26.0	28.0	28.0	29.0	27.0	28.0	25.0	27.0	84.0	92.0	-	-	4.0	2.0	27.5	31.0
9	26.0	25.0	27.0	27.0	26.0	29.0	25.0	27.0	92.0	85.0	-	0.6	2.0	1.6	27.5	31.0
10	25.0	27.0	26.0	30.0	25.0	25.0	24.0	22.0	92.0	76.0	15.6	5.4	1.6	6.0	26.0	27.5
11	26.5	23.0	27.0	29.0	26.0	27.0	25.0	25.0	92.0	84.0	-	-	1.0	1.6	26.5	31.5
12	27.0	30.0	28.0	32.0	27.5	28.0	26.5	25.0	92.0	77.0	3.8	-	2.8	2.0	27.0	32.5
13	26.0	30.0	30.0	32.0	27.0	28.0	26.0	25.0	92.0	87.0	-	6.6	2.0	2.6	28.0	30.5
14	32.0	27.0	33.0	30.0	28.0	29.0	26.0	27.0	85.0	85.0	-	0.4	1.0	2.0	28.0	33.5
15	26.0	25.0	30.0	29.0	27.0	27.0	26.0	23.0	92.0	70.0	1.8	6.8	0.8	4.8	27.5	29.0
16	27.0	25.0	28.0	31.0	27.5	27.0	26.5	23.0	92.0	70.0	21.6	0.4	1.6	1.6	27.0	29.0
17	27.0	25.0	28.0	27.0	27.0	29.0	26.0	26.0	92.0	78.0	-	-	1.0	2.0	27.0	29.0
18	25.0	25.0	29.0	27.0	24.0	25.0	23.0	23.0	91.0	84.0	5.0	3.6	1.6	8.0	28.5	27.0
19	28.0	25.0	29.0	33.0	29.0	30.0	27.0	27.0	92.0	78.0	-	-	3.0	6.0	28.5	35.5
20	26.0	27.0	30.0	33.0	28.0	30.0	26.0	28.0	85.0	85.0	-	-	4.0	2.2	27.0	32.5
21	28.0	32.0	29.0	37.0	30.0	31.0	27.0	29.0	78.0	85.0	-	-	2.0	4.0	27.5	37.5
22	26.0	30.0	31.0	33.0	27.0	28.0	25.0	26.0	84.0	85.0	-	-	4.6	2.0	26.5	32.0
23	27.0	25.0	28.0	32.0	27.5	29.0	26.5	26.0	92.0	78.0	-	1.4	3.0	1.6	27.0	35.0
24	28.0	29.0	29.0	33.0	26.0	31.0	25.0	28.0	92.0	85.0	3.4	-	1.4	2.0	28.0	37.0
25	27.0	30.0	30.0	35.0	27.0	27.0	26.0	26.0	92.0	78.0	-	-	2.0	4.0	27.5	35.0
26	28.0	30.0	29.0	33.0	27.0	30.0	25.0	26.0	84.0	72.0	3.0	-	1.0	2.0	28.0	35.5
27	26.0	30.0	32.0	34.0	28.0	31.0	26.0	28.0	85.0	77.0	29.2	-	9.2	2.0	29.0	34.5
28	28.0	35.0	29.0	39.0	27.0	32.0	25.0	29.0	84.0	86.0	-	-	2.0	2.0	29.0	37.5
29	27.0	31.0	34.0	39.0	29.0	33.0	28.0	28.0	92.0	68.0	-	-	4.0	6.0	28.5	39.5
30	30.0	25.0	30.5	29.0	28.0	27.0	27.0	25.0	92.0	84.0	-	11.0	2.0	2.6	30.5	33.5
31	30.0	32.0	32.0	30.0	30.0	30.0	28.0	28.0	85.0	85.0	-	-	-	-	30.0	30.0
Total	836.5	857.0	909.5	982.0	837.0	879.0	792.5	798.0	2759.0	2501.0	505.0	56.6	66.6	90.4	856.5	1009.0
Average	27.0	27.6	29.3	31.7	27.0	28.4	25.6	25.7	89.0	80.7	16.3	1.8	2.1	2.7	27.6	32.5
	27.3	30.5	30.5	27.7	27.7	27.7	25.7	25.7	84.8	84.8	9.1	-	157.0	-	30.1	-

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
- 0.0 -- N.A.

SEPTEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.0		29.0		30.0		27.0		78.0		-		2.0		33.5
1	25.0	30.0	30.0	33.0	25.0	32.0	24.0	30.0	92.0	86.0	3.0	-	1.2	2.0	26.5	32.0
2	25.0	30.5	29.0	33.0	26.0	32.5	23.0	30.5	76.0	86.0	3.2	-	1.6	1.8	26.5	33.0
3	25.0	24.0	34.0	24.5	26.0	24.5	25.5	24.0	96.0	96.0	32.6	29.2	2.6	1.2	27.0	27.5
4	20.0	22.0	23.0	22.0	25.0	23.0	21.0	20.0	68.0	75.0	126.4	35.2	0.4	1.2	23.0	25.0
5	24.0	25.0	27.0	31.0	25.0	25.0	21.0	23.0	68.0	84.0	39.0	1.4	1.8	0.2	25.5	27.0
6	26.0	24.0	29.0	25.0	25.0	24.5	24.0	24.0	86.0	96.0	2.8	1.4	1.2	2.0	27.5	25.5
7	24.0	25.0	28.0	26.0	25.0	25.0	24.0	24.5	86.0	96.0	1.4	1.4	2.0	2.0	25.5	26.0
8	24.0	26.0	27.0	27.0	25.0	26.0	24.0	25.0	92.0	92.0	3.8	-	0.8	2.2	25.0	26.0
9	30.0	28.0	35.0	29.0	26.0	27.0	23.0	26.0	55.0	92.0	2.0	0.2	1.2	2.2	27.0	27.0
10	26.0	29.0	34.0	30.0	26.0	30.0	25.0	29.0	92.0	92.0	1.6	1.2	0.6	1.8	27.0	30.0
11	30.0	30.0	32.0	31.0	28.0	31.0	27.0	30.0	92.0	93.0	2.2	-	1.2	2.0	28.0	30.0
12	26.0	30.0	31.0	31.0	28.0	30.0	27.0	29.0	92.0	93.0	3.8	-	1.8	2.6	29.0	34.0
13	25.0	25.0	29.0	29.0	27.0	27.0	25.0	25.0	84.0	84.0	-	0.2	1.6	1.8	35.5	35.0
14	30.0	33.0	32.0	33.5	30.0	32.0	25.0	31.0	65.0	93.0	-	5.2	2.0	2.2	29.0	34.0
15	30.0	32.0	34.0	33.0	30.0	27.0	25.0	28.0	84.0	85.0	5.2	-	2.0	2.0	29.0	35.5
16	30.0	25.0	32.0	32.0	30.0	30.0	28.0	29.0	85.0	93.0	-	-	2.0	8.0	30.0	36.5
17	29.0	26.0	30.0	34.0	30.0	30.0	29.5	27.0	96.0	78.0	-	-	2.0	4.0	29.0	34.5
18	29.5	26.0	31.0	33.0	31.0	30.0	30.0	28.0	93.0	85.0	-	-	1.8	4.0	29.5	36.0
19	30.0	25.0	31.0	31.0	30.0	30.0	29.5	28.0	96.0	73.0	1.2	-	1.0	4.0	30.0	37.0
20	30.0	30.0	31.0	35.0	29.0	32.0	28.0	27.0	73.0	93.0	1.0	-	2.0	2.0	30.0	35.0
21	28.0	27.0	29.0	34.0	29.0	27.0	28.0	26.0	92.0	92.0	-	0.2	2.2	2.0	28.0	33.0
22	25.0	27.0	30.0	29.0	28.0	28.0	26.0	27.0	85.0	92.0	-	10.2	2.2	2.2	28.0	34.0
23	30.0	25.0	31.0	27.0	31.0	26.0	30.0	25.0	92.0	92.0	-	-	2.0	2.0	28.0	31.5
24	30.0	25.0	31.0	34.0	31.0	30.0	30.0	27.0	93.0	78.0	-	-	2.0	2.0	30.0	34.0
25	30.0	26.0	31.0	34.0	31.0	30.0	30.0	28.0	85.0	85.0	-	-	2.2	4.0	30.0	35.0
26	30.0	26.0	31.0	39.0	31.0	29.0	30.0	27.0	85.0	85.0	0.6	-	1.4	4.0	32.0	34.5
27	30.0	25.0	31.0	33.0	31.0	30.0	30.0	27.0	93.0	78.0	-	-	2.0	2.0	31.0	34.0
28	28.0	26.0	29.0	34.0	29.0	29.0	28.0	27.0	92.0	85.0	-	-	2.0	4.0	31.0	35.0
29	25.0	30.0	32.0	35.0	28.0	31.0	26.0	27.0	85.0	93.0	-	-	2.0	4.0	28.0	35.0
30	30.0		31.0		31.0		30.0		96.0		-	-	2.0		29.0	
Total	824.5	805.5	915.0	931.0	844.0	860.5	796.5	806.0	2569.0	2623.0	229.8	85.8	50.8	77.4	854.5	966.0
Average	27.5	26.9	30.5	31.0	28.1	28.7	26.6	26.9	85.6	87.4	7.7	2.9			28.5	32.2
	27.2		30.8		28.4		26.7		86.5		5.3		128.2		30.3	

* : One or more data missing (LDoPM) : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
- 0.0 .. N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																
1	29.5	30.0	30.5	35.0	30.0	30.0	29.0	27.0	93.0	98.0	-	-	2.0	3.0	28.0	35.0
2	25.0	25.0	31.0	33.0	28.0	29.0	26.0	27.0	85.0	85.0	0.2	-	2.0	2.2	29.0	34.5
3	25.0	30.0	31.0	35.0	28.0	30.0	26.0	27.0	85.0	78.0	-	-	2.0	2.0	28.5	35.5
4	30.0	29.0	31.0	31.0	30.0	29.0	29.0	25.0	93.0	71.0	-	-	4.0	2.0	29.5	35.5
5	30.0	32.0	32.0	33.0	30.0	29.0	29.0	27.0	93.0	85.0	-	-	4.0	4.0	29.5	36.0
6	30.0	27.0	31.0	28.0	30.0	26.0	29.0	25.0	93.0	92.0	0.4	0.4	0.4	2.0	28.0	34.0
7	28.0	32.0	29.0	33.0	28.0	29.0	25.0	27.0	85.0	85.0	0.6	1.1	1.1	1.6	26.0	31.0
8	28.0	30.0	29.0	31.0	28.0	28.5	26.0	27.0	85.0	89.0	-	-	2.0	1.6	28.0	33.5
9	28.0	28.0	29.0	29.0	28.0	27.0	26.0	26.0	85.0	92.0	-	-	2.0	2.0	28.0	33.0
10	25.0	30.0	33.0	35.0	27.0	29.0	26.0	27.0	92.0	85.0	-	-	2.0	2.0	25.0	35.0
11	25.0	32.0	32.0	31.0	26.0	30.0	24.0	25.0	84.0	84.0	-	-	2.0	1.6	27.0	37.5
12	25.0	32.0	32.0	35.0	28.0	27.0	25.0	23.0	77.0	84.0	-	-	4.0	4.0	28.5	37.0
13	24.0	27.0	34.0	31.0	25.0	29.0	24.0	27.0	92.0	92.0	-	-	4.0	2.0	27.0	35.5
14	26.0	33.0	32.0	37.0	24.0	30.0	22.0	25.0	83.0	65.0	-	-	2.0	2.0	28.0	36.0
15	22.0	32.0	33.0	38.0	25.0	29.0	22.0	27.0	76.0	85.0	-	-	2.0	2.0	25.0	35.5
16	25.0	33.0	30.0	35.0	27.0	27.0	25.0	23.0	64.0	57.0	-	-	4.0	2.0	34.0	37.0
17	20.0	30.0	32.0	32.0	24.0	27.0	22.0	23.0	83.0	84.0	-	-	2.0	2.0	24.5	31.5
18	25.0	30.0	31.0	32.0	27.0	26.0	25.0	25.0	84.0	84.0	-	-	4.0	2.0	27.5	31.0
19	23.0	23.0	31.0	31.0	25.0	25.0	23.0	23.0	84.0	84.0	-	-	4.0	2.0	26.0	26.0
20	26.0	24.0	27.0	30.0	25.0	26.0	22.0	24.0	76.0	84.0	-	-	4.0	2.0	25.5	30.0
21	26.0	20.0	27.0	32.0	25.0	27.0	22.0	24.0	76.0	77.0	-	-	4.0	2.0	26.0	31.5
22	23.0	22.0	23.5	32.0	25.0	27.0	22.0	23.0	76.0	70.0	-	-	4.0	2.0	26.0	32.0
23	23.5	21.0	24.0	32.0	24.0	29.0	22.0	24.0	83.0	64.0	-	-	2.0	2.0	24.5	32.5
24	23.5	21.0	24.0	32.0	24.0	27.0	22.0	24.0	83.0	77.0	-	-	2.0	2.0	24.5	31.0
25	23.0	22.0	24.0	27.0	23.0	25.0	22.0	23.0	91.0	84.0	-	-	2.0	4.0	25.0	33.5
26	23.0	20.0	24.0	32.0	23.0	27.0	22.0	22.0	91.0	63.0	-	-	2.0	2.0	25.0	29.5
27	23.0	21.0	24.0	30.0	23.0	27.0	22.0	25.0	91.0	84.0	-	-	2.0	4.0	24.0	30.0
28	23.0	24.0	24.0	32.0	23.0	28.0	22.0	26.0	91.0	85.0	-	-	2.0	2.0	24.0	32.0
29	24.0	25.0	26.0	31.0	24.0	27.0	23.0	26.0	91.0	92.0	-	-	3.0	2.0	24.5	31.0
30	22.0	24.0	28.0	32.0	25.0	26.0	23.0	25.0	84.0	92.0	-	-	2.0	4.0	26.0	30.5
31	20.0	29.0	29.0	29.0	26.0	26.0	24.0	24.0	84.0	84.0	-	-	3.0	3.0	25.5	25.5
Total	774.5	836.0	898.0	1003.0	808.0	864.5	751.0	779.0	2633.0	2544.0	0.0	1.2	81.5	73.0	827.5	1028.5
Average	25.0	27.0	29.0	32.4	26.1	27.9	24.2	25.1	84.9	82.1	0.0	0.0	26.7	23.2	26.7	33.2
	26.0	30.7			27.0		24.7		83.5		0.0		154.5		29.9	

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
- 0.0 .. N.A.

NOVEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.0		32.0		27.0		25.0		92.0		-		4.0		31.0
1	20.0	26.0	31.0	30.5	26.0	28.0	21.0	26.0	62.0	85.0	-	-	1.2	1.5	27.0	32.0
2	21.0	27.0	30.0	31.0	26.0	28.0	22.0	25.0	69.0	77.0	-	-	1.2	1.8	27.0	32.0
3	20.5	25.5	30.0	30.0	26.0	26.0	22.0	24.0	69.0	84.0	-	-	1.5	2.0	26.5	30.0
4	20.0	22.0	28.0	28.5	24.0	26.0	21.0	24.0	75.0	84.0	-	-	1.6	1.6	25.0	29.5
5	21.5	25.0	28.5	30.0	25.0	27.0	21.0	23.0	68.0	70.0	-	-	1.4	1.8	25.5	30.0
6	15.0	25.0	29.0	29.0	25.0	26.0	21.0	24.0	68.0	84.0	-	-	1.6	2.0	24.0	29.5
7	12.0	25.0	29.0	29.5	23.0	25.0	20.0	20.0	75.0	61.0	-	-	1.2	1.8	23.0	29.0
8	13.5	24.5	30.0	29.0	24.0	25.0	21.0	23.0	75.0	84.0	-	-	1.6	2.2	22.5	28.5
9	13.0	24.5	29.5	28.5	24.0	24.0	20.0	22.0	68.0	83.0	-	-	1.0	1.8	22.5	28.0
10	14.0	23.0	30.0	28.0	23.0	24.0	20.0	21.0	75.0	75.0	-	-	1.6	1.7	21.5	28.5
11	14.5	23.0	28.0	27.5	22.0	23.0	20.0	20.0	82.0	75.0	-	-	1.8	1.8	20.5	29.5
12	14.5	23.0	27.5	28.0	23.0	24.0	21.0	20.0	83.0	68.0	-	-	1.6	2.0	21.0	29.5
13	15.0	23.0	28.0	28.0	23.0	24.0	20.0	21.0	75.0	75.0	-	-	1.4	1.8	21.5	30.0
14	15.5	24.0	27.5	29.0	22.0	23.0	20.0	20.0	82.0	75.0	-	-	1.6	1.8	21.0	29.0
15	15.0	24.0	28.0	29.0	23.0	23.0	20.0	20.0	75.0	75.0	-	-	1.4	2.0	22.0	31.0
16	14.0	23.0	28.0	28.0	22.0	25.0	19.0	21.0	74.0	68.0	-	-	1.3	2.0	22.5	31.0
17	14.0	22.5	27.0	27.0	22.0	23.0	19.0	21.0	74.0	83.0	-	-	1.4	2.0	21.5	30.0
18	14.0	23.0	28.0	27.5	22.0	24.0	19.0	21.0	74.0	75.0	-	-	1.6	2.0	22.5	30.5
19	14.0	24.0	27.5	27.5	22.0	23.0	17.0	21.0	58.0	83.0	-	-	1.6	1.8	22.5	30.0
20	13.5	23.5	27.5	28.0	22.0	23.0	19.0	20.0	74.0	75.0	-	-	1.4	2.0	22.5	30.5
21	13.5	23.0	28.0	27.5	22.0	23.0	19.0	20.0	74.0	75.0	-	-	1.6	1.8	21.5	30.0
22	14.0	24.0	28.5	28.5	22.0	22.0	18.0	19.0	66.0	74.0	-	-	1.4	1.8	22.0	29.5
23	13.5	24.0	27.5	28.0	21.0	22.0	17.0	20.0	65.0	82.0	-	-	1.6	1.6	21.5	29.0
24	13.5	23.0	28.0	27.0	20.0	21.0	17.0	19.0	73.0	82.0	-	-	1.4	1.6	21.0	29.0
25	13.5	23.0	28.0	27.0	20.0	21.0	17.0	18.0	73.0	73.0	-	-	1.2	1.8	21.0	29.0
26	13.5	22.5	28.0	27.0	20.0	20.0	18.0	17.0	81.0	82.0	-	-	1.4	1.6	21.0	29.5
27	13.0	23.0	27.0	26.0	19.0	19.0	16.0	16.0	72.0	72.0	-	-	1.4	1.8	20.0	28.5
28	14.0	23.5	28.5	28.0	20.0	20.0	17.0	16.0	73.0	64.0	-	-	1.2	1.6	20.5	29.0
29	14.5	23.5	28.5	28.5	21.0	21.0	19.0	18.0	82.0	73.0	-	-	1.4	1.6	21.0	30.0
30	15.5		26.0		22.0		18.5		82.0		-	-	1.0		21.0	
Total	453.0	713.0	850.0	853.0	676.0	710.0	579.5	625.0	2196.0	2308.0	0.0	0.0	42.6	56.6	672.5	892.5
Average	15.1	23.8	28.3	28.4	22.5	23.7	19.3	20.8	73.2	76.9	0.0	0.0			22.4	29.8
	19.4		28.4		23.1		20.1		75.1		0.0		99.2		26.1	

* : One or more data missing LDoPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA

Sub-Division : Burla

- 0.0 .. N.A.

DECEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		21.0		27.5		24.0		19.5		72.0		-		1.0		27.0
1	17.0	25.0	27.0	28.0	21.0	23.0	19.0	20.0	82.0	75.0	-	-	1.0	1.0	21.0	26.0
2	17.0	24.0	28.0	27.5	22.0	24.0	20.0	21.0	82.0	75.0	-	-	1.0	1.0	20.0	27.5
3	17.0	18.0	28.0	27.0	20.0	25.5	19.0	24.0	91.0	88.0	-	-	1.5	2.0	19.5	28.0
4	18.5	18.0	28.0	27.0	21.0	26.0	19.0	24.0	82.0	84.0	-	-	1.0	1.0	20.0	28.5
5	22.0	22.0	28.0	31.0	21.0	24.0	19.0	20.0	82.0	68.0	-	-	1.0	1.0	20.0	27.0
6	16.0	21.5	26.0	30.5	19.0	24.0	17.0	20.0	81.0	68.0	-	-	1.4	1.2	19.0	21.0
7	21.0	23.0	26.5	28.5	23.0	23.0	21.0	21.0	83.0	83.0	-	-	4.0	1.3	20.0	19.5
8	20.0	24.0	26.0	27.0	26.0	21.0	24.0	19.0	84.0	82.0	-	-	8.0	1.0	20.5	20.0
9	15.0	23.0	24.0	24.0	18.0	22.0	16.5	21.0	85.0	91.0	-	-	0.6	1.2	18.0	19.0
10	15.0	24.0	23.0	24.5	17.5	22.0	16.0	21.0	85.0	91.0	-	-	2.0	1.0	18.5	19.0
11	14.0	26.0	22.0	27.0	18.0	21.0	17.0	19.0	90.0	82.0	-	-	1.0	0.9	14.0	19.5
12	13.5	23.0	22.0	29.0	23.0	23.0	21.0	20.0	82.0	75.0	-	-	1.0	0.9	15.0	20.0
13	14.0	17.0	21.5	28.0	23.0	22.5	18.0	18.0	59.0	63.0	-	-	0.8	1.0	14.5	20.5
14	11.0	16.0	23.0	28.0	22.0	21.0	16.0	18.0	50.0	73.0	-	-	0.5	1.4	21.0	22.5
15	13.0	17.0	23.0	29.0	20.0	19.0	16.5	17.0	68.0	76.0	-	-	1.0	1.0	21.0	21.5
16	14.0	15.0	23.0	23.0	19.0	20.5	16.5	17.5	76.0	70.0	-	-	0.4	0.8	19.0	22.0
17	14.0	15.0	23.0	24.0	18.5	21.0	16.5	17.0	80.0	65.0	-	-	1.8	0.2	19.0	21.5
18	12.0	16.0	24.0	22.5	24.0	22.0	20.0	16.5	68.0	66.0	-	-	1.4	1.4	17.0	22.0
19	13.0	16.0	21.0	23.0	22.0	21.0	19.0	17.0	70.0	65.0	-	-	1.2	1.3	16.0	22.0
20	11.0	16.5	21.0	22.0	19.0	20.0	18.0	16.0	90.0	64.0	-	-	1.0	1.2	21.0	21.5
21	10.0	13.5	20.5	22.5	19.0	20.0	18.0	16.0	90.0	64.0	-	-	1.0	1.3	18.0	21.0
22	9.5	14.0	21.0	23.0	19.0	20.0	18.0	16.5	90.0	68.0	-	-	1.0	1.3	17.5	21.0
23	10.0	20.0	21.5	23.0	20.0	19.5	18.0	17.0	91.0	76.0	-	-	1.2	0.9	18.0	24.5
24	12.0	17.0	23.0	25.0	19.5	20.0	16.5	18.0	72.0	81.0	-	-	1.2	1.4	16.0	24.0
25	12.5	18.0	22.0	24.0	20.0	17.0	16.0	16.0	63.0	90.0	-	-	1.0	1.5	15.5	23.0
26	13.0	19.0	23.0	26.0	21.0	18.0	16.0	17.0	54.0	90.0	-	-	1.0	1.2	16.0	23.5
27	14.0	16.0	24.0	28.0	18.0	18.0	16.5	16.0	85.0	80.0	-	-	1.1	1.0	16.5	24.0
28	14.0	17.0	19.0	28.0	17.0	19.0	15.0	16.0	80.0	81.0	-	-	1.0	1.4	17.0	25.0
29	13.5	17.5	22.0	27.5	16.5	18.0	15.5	15.0	89.0	66.0	-	-	0.8	1.2	17.0	24.5
30	13.5	17.0	23.0	26.0	16.0	18.0	15.0	16.0	80.0	80.0	-	-	1.0	1.2	17.5	25.0
31	13.0		21.0		19.0		17.0		81.0		-	-	1.8		18.0	
Total	443.0	590.0	728.0	811.0	622.0	657.0	550.5	570.0	2445.0	2352.0	0.0	0.0	43.7	35.2	561.0	711.0
Average	14.3	19.0	23.5	26.2	20.1	21.2	17.8	18.4	78.9	75.9	0.0	0.0			18.1	22.9
	16.7		24.8		20.6		18.1		77.4		0.0		78.9		20.5	

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA

Sub-Division : Burla

- 0.0 .. N.A.

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		17.0		25.0		22.0		20.0		82.0		-		1.8		26.0
1	14.0	16.0	23.0	25.0	17.0	21.0	16.0	19.0	90.0	82.0	-	-	1.0	0.8	20.0	23.0
2	15.0	16.0	25.0	27.0	22.0	23.0	19.0	21.0	74.0	83.0	-	-	0.6	1.0	23.0	27.0
3	16.0	17.0	24.0	26.5	17.0	22.0	16.0	20.0	90.0	82.0	23.0	-	12.0	1.4	18.5	26.5
4	15.0	16.0	24.0	26.0	20.0	21.0	18.0	20.0	81.0	91.0	-	-	2.4	3.0	20.5	24.5
5	14.0	17.0	25.0	26.5	22.0	20.0	21.0	17.0	91.0	73.0	-	-	2.0	1.6	19.5	25.0
6	16.0	16.5	24.0	25.5	23.0	21.0	21.0	20.0	83.0	91.0	-	-	1.0	1.0	20.0	24.5
7	13.0	15.5	27.0	25.0	15.0	22.0	14.0	18.0	89.0	66.0	-	-	1.0	1.4	16.5	25.0
8	14.0	17.0	19.0	26.0	17.0	23.0	15.5	19.0	75.0	67.0	-	-	1.0	1.2	17.5	26.5
9	15.5	16.0	30.0	25.5	17.5	20.0	16.0	19.0	95.0	91.0	-	-	1.4	1.6	17.5	25.0
10	13.0	15.0	28.0	29.0	20.0	20.0	19.0	19.0	91.0	91.0	-	-	1.8	1.2	18.5	25.5
11	14.0	17.0	19.0	26.0	17.0	23.0	15.5	19.0	75.0	67.0	-	-	1.2	1.0	18.0	26.5
12	16.0	17.0	24.0	25.0	23.0	21.0	21.0	20.0	83.0	91.0	-	-	1.4	2.0	19.0	26.0
13	15.5	17.5	23.0	24.5	20.0	20.0	19.0	19.0	91.0	91.0	-	-	1.6	2.2	18.0	27.5
14	12.0	12.0	30.0	28.0	16.0	18.5	14.0	16.0	75.0	76.0	-	-	1.8	1.0	16.0	25.0
15	11.0	14.0	21.0	25.0	23.0	15.5	21.0	13.5	83.0	78.0	-	-	1.5	1.2	15.5	23.0
16	12.0	15.0	21.0	29.0	15.0	18.0	14.0	17.0	89.0	90.0	-	-	3.0	2.4	15.0	18.0
17	13.0	16.0	28.0	28.0	16.0	16.0	15.0	15.0	89.0	89.0	-	-	2.0	1.6	16.5	19.5
18	15.0	17.0	29.0	27.0	17.5	18.0	17.0	17.0	95.0	90.0	-	-	1.0	1.8	18.0	20.0
19	15.5	17.5	29.5	29.0	18.0	18.0	16.5	17.0	85.0	90.0	-	-	2.0	1.4	18.5	20.5
20	16.0	18.0	30.0	30.5	17.5	16.0	17.0	15.0	95.0	89.0	-	-	1.0	1.2	18.5	19.5
21	16.5	17.0	28.0	31.0	18.0	18.0	17.0	16.0	90.0	80.0	-	-	1.2	2.0	19.0	24.0
22	15.0	16.0	29.0	31.0	20.0	24.0	19.0	19.0	91.0	60.0	-	-	2.0	2.0	19.5	29.0
23	16.0	16.5	28.0	29.0	19.5	19.0	16.0	17.0	72.0	81.0	-	2.0	2.0	3.5	19.0	30.0
24	16.5	17.0	28.5	30.0	21.0	18.0	18.0	16.0	73.0	80.0	-	-	2.0	2.6	19.0	28.5
25	17.0	19.0	28.0	29.5	21.0	19.0	18.0	17.0	73.0	81.0	-	-	1.4	2.8	19.5	28.0
26	16.0	17.0	28.0	29.0	21.0	19.0	20.0	17.0	82.0	81.0	-	-	1.6	2.8	20.0	28.5
27	17.5	18.0	29.0	30.0	19.5	18.0	18.5	16.0	90.0	80.0	-	-	1.0	2.4	21.0	28.0
28	17.0	19.5	28.0	29.5	21.0	24.0	18.0	19.0	73.0	60.0	-	-	1.4	2.8	20.5	29.0
29	16.0	19.0	27.5	28.5	20.0	18.0	19.0	16.0	91.0	80.0	-	-	1.6	2.4	20.0	28.5
30	17.0	19.5	28.0	29.0	22.0	19.0	21.0	17.0	91.0	81.0	-	-	1.2	2.0	20.5	29.0
31	16.5	16.5	27.0	27.0	21.0	21.0	18.0	18.0	73.0	73.0	-	-	1.6	1.6	20.0	20.0
Total	466.5	518.5	812.5	855.5	597.5	615.0	548.0	550.5	2618.0	2514.0	23.0	2.0	57.7	57.1	582.5	786.5
Average	15.0	16.7	26.2	27.6	19.3	19.8	17.7	17.8	84.5	81.1	0.7	0.1	18.8	18.8	25.4	25.4
	15.9		26.9		19.6		17.7		82.8		0.4		114.8		22.1	

• One or more data missing LDoPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
- 0.0 .. N.A.

FEBRUARY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	18.0		28.5		19.0		17.0		81.0		-		2.8		29.5	
1	24.0	24.5	25.0	32.0	22.0	25.0	18.0	20.0	66.0	62.0	-	-	4.0	1.0	18.0	29.5
2	22.0	26.0	23.0	33.0	21.0	26.0	18.5	21.0	78.0	62.0	-	-	0.8	1.2	22.0	30.5
3	22.0	23.0	24.0	30.0	21.0	24.0	19.0	22.0	82.0	83.0	-	-	2.4	1.0	22.0	31.0
4	21.0	23.5	22.0	30.0	20.0	25.0	18.0	22.5	81.0	80.0	-	-	3.0	2.8	21.0	30.0
5	14.0	15.0	23.0	32.0	20.5	25.5	17.0	20.0	68.0	58.0	-	-	0.6	1.0	19.0	30.0
6	15.0	12.0	29.0	33.0	20.5	27.0	18.0	23.0	77.0	70.0	-	-	2.4	3.0	19.5	32.0
7	18.0	20.0	29.5	31.0	22.0	26.0	19.0	22.0	75.0	69.0	-	-	3.6	2.0	20.0	29.0
8	16.0	21.0	22.0	32.0	19.0	28.0	16.0	26.0	72.0	85.0	-	-	0.4	1.5	19.0	30.0
9	18.0	22.0	24.0	31.5	22.0	27.0	19.0	25.0	75.0	84.0	-	-	1.6	2.0	20.0	32.0
10	16.0	24.0	25.0	34.0	20.5	29.0	17.0	25.0	68.0	71.0	-	-	0.8	4.0	19.5	30.0
11	18.0	23.5	27.0	33.0	21.0	26.0	18.5	25.0	78.0	92.0	-	-	1.2	4.0	21.0	31.0
12	17.0	25.0	26.5	35.0	20.0	27.0	18.0	24.0	81.0	77.0	-	-	1.0	2.0	20.5	30.0
13	16.5	26.0	30.0	39.0	22.0	30.0	19.0	27.0	75.0	78.0	-	-	0.8	3.9	19.0	30.0
14	18.0	18.0	32.0	33.0	29.0	28.0	25.0	22.0	71.0	57.0	-	-	0.4	4.0	20.0	31.5
15	26.0	29.0	27.0	32.0	26.0	26.0	21.0	23.0	62.0	76.0	-	-	0.6	2.0	19.5	30.0
16	24.0	26.0	25.0	27.0	26.0	26.0	22.0	21.0	69.0	62.0	-	-	2.0	4.0	25.0	29.0
17	27.0	26.0	28.0	27.0	25.0	26.0	19.0	21.0	54.0	62.0	-	-	2.6	2.6	25.0	28.5
18	21.0	14.0	32.0	34.0	22.0	22.5	18.0	18.5	66.0	66.0	-	-	2.5	4.0	22.0	26.0
19	20.0	18.0	30.0	30.0	25.0	22.0	19.0	18.0	54.0	66.0	-	-	2.4	3.0	23.0	27.0
20	18.0	19.5	29.0	32.0	22.0	20.0	20.0	18.0	82.0	81.0	-	-	6.0	3.8	21.5	26.5
21	21.0	20.0	29.5	33.0	25.0	25.0	22.0	22.0	76.0	76.0	-	-	4.0	2.6	22.0	28.0
22	20.0	29.0	31.0	35.0	21.5	30.0	17.5	24.0	65.0	59.0	-	-	4.8	4.0	21.5	33.0
23	26.0	26.0	27.0	34.0	26.0	28.0	21.0	24.0	62.0	70.0	-	-	3.0	2.0	25.0	32.0
24	26.0	24.0	27.0	32.0	26.0	26.0	23.0	20.0	76.0	55.0	-	-	6.0	3.2	25.0	30.0
25	26.0	26.0	27.0	34.0	26.0	24.0	23.0	18.0	76.0	53.0	-	-	4.0	2.0	23.0	28.5
26	16.0	24.0	27.0	34.0	22.5	28.0	17.5	24.0	58.0	70.0	-	-	1.2	3.0	19.5	31.0
27	17.0	22.0	31.0	33.0	21.0	29.0	17.0	22.0	65.0	52.0	-	-	1.6	4.0	20.0	31.0
28	26.0		28.0		24.0		22.0		82.0		-	-	2.0		25.0	
Total	569.5	625.0	760.5	904.0	638.5	725.0	542.0	615.0	1994.0	1957.0	0.0	0.0	65.7	76.4	597.5	836.5
Average	20.3	22.3	27.2	32.3	22.8	25.9	19.4	22.0	71.2	69.9	0.0	0.0			21.3	29.9
	21.3		29.7		24.3		20.7		70.6		0.0		142.1		25.6	

* : One or more data missing (DoPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
-0.0 .. N.A.

MARCH 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		27.0		35.0		28.0		21.5		54.0		-		2.0		31.5
1	18.0	22.5	34.0	37.0	22.0	25.0	18.5	22.0	70.0	76.0	-	-	1.6	2.4	21.5	27.0
2	21.0	26.0	32.0	36.5	23.0	26.0	19.0	23.0	66.0	76.0	-	-	3.0	3.5	22.0	28.0
3	25.0	27.0	30.0	34.0	20.0	22.0	20.0	19.0	95.0	74.0	-	-	3.2	2.0	24.0	29.5
4	20.0	28.0	26.0	30.0	21.0	27.0	19.0	25.0	73.0	84.0	-	-	4.0	3.0	26.0	33.0
5	21.0	25.0	33.0	34.0	24.0	29.0	20.0	24.0	68.0	69.0	-	-	2.8	3.0	23.0	32.0
6	21.0	25.0	34.0	33.0	24.5	29.5	20.0	22.5	64.0	52.0	-	-	2.0	3.5	22.5	35.0
7	18.0	25.0	25.0	32.5	28.0	29.0	20.0	21.0	80.0	46.0	-	-	2.0	3.0	26.0	24.5
8	18.0	26.0	22.5	30.0	21.0	28.0	21.0	20.0	95.0	45.0	11.2	1.2	1.8	2.2	25.0	25.5
9	21.0	26.5	22.0	30.0	25.0	27.0	23.0	20.0	84.0	50.0	-	-	2.0	2.0	25.0	26.0
10	21.0	22.0	28.0	24.0	26.0	22.0	22.0	21.0	69.0	91.0	-	18.4	1.7	2.4	25.0	24.0
11	20.5	23.0	23.0	25.0	22.0	23.5	19.0	23.5	74.0	91.0	-	-	2.5	1.5	20.5	26.0
12	19.0	20.0	31.0	23.0	24.0	27.0	18.5	19.0	57.0	44.0	-	-	3.2	3.8	24.5	31.0
13	23.0	24.0	29.0	32.0	22.0	25.5	16.0	20.0	50.0	58.0	-	-	4.2	3.5	20.5	30.0
14	23.0	23.0	32.0	32.0	22.0	26.0	18.0	20.5	66.0	55.0	-	-	2.0	3.0	22.0	29.0
15	21.0	24.0	29.0	33.0	21.5	24.5	16.5	20.0	57.0	68.0	-	-	3.0	2.7	21.5	27.0
16	18.0	30.0	33.0	32.0	21.5	28.0	16.5	21.0	57.0	51.0	-	-	1.8	3.5	20.5	30.0
17	20.0	31.0	33.0	32.0	22.0	30.0	17.0	24.0	58.0	59.0	-	-	2.3	3.1	20.0	30.0
18	21.0	32.0	31.0	33.0	23.0	29.0	18.0	25.0	59.0	71.0	0.4	-	2.0	3.0	19.5	31.5
19	20.5	32.0	33.0	33.0	23.0	30.0	19.0	24.0	67.0	59.0	-	-	6.0	2.6	24.0	33.0
20	20.0	31.0	34.0	32.5	22.5	29.0	19.5	22.0	74.0	52.0	-	-	3.0	6.0	23.0	35.0
21	19.0	34.0	28.0	35.0	24.0	28.0	20.0	21.0	68.0	51.0	-	-	2.0	2.6	26.0	32.0
22	25.0	33.0	32.0	36.0	29.0	30.0	22.0	24.0	52.0	59.0	-	-	4.0	4.0	24.0	33.0
23	26.0	30.0	27.0	38.0	24.0	30.0	21.0	24.0	75.0	59.0	-	-	2.0	2.0	24.0	33.0
24	22.0	35.0	35.0	37.0	25.0	34.0	22.0	28.0	76.0	62.0	-	-	2.1	7.0	28.0	35.0
25	31.0	31.0	32.0	42.0	30.0	35.0	25.0	28.0	65.0	56.0	-	-	2.2	3.2	27.0	35.5
26	30.0	32.0	31.0	39.0	30.0	33.0	23.0	29.0	53.0	74.0	-	-	4.0	3.0	26.0	37.0
27	33.0	32.5	34.0	39.0	31.0	32.0	26.0	29.0	67.0	79.0	-	-	10.0	3.2	32.0	36.0
28	33.0	34.0	36.0	42.0	32.0	34.0	27.0	29.0	67.0	68.0	-	-	6.5	2.5	37.0	35.0
29	30.0	30.0	31.0	43.0	28.0	34.0	22.0	29.5	57.0	72.0	-	-	6.0	2.1	32.0	40.0
30	33.0	32.0	34.0	42.5	32.0	33.0	26.0	28.5	61.0	70.0	-	-	8.0	1.8	28.0	36.0
31	32.0		33.0		30.0		24.0		59.0		-	-	8.5		27.0	
Total	724.0	873.5	947.5	1057.0	773.0	888.0	638.5	728.0	2083.0	1975.0	11.6	19.6	109.4	93.1	767.0	971.0
Average	23.4	28.2	30.6	34.1	24.9	28.6	20.6	23.5	67.2	63.7	0.4	0.6			24.7	31.3
	25.8		32.3		26.8		22.0		65.5		0.5		202.5		28.0	

*: One or more data missing LDoPM : Last day of previous month

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
Sub-Division : Burla
-0.0 .. N.A.

APRIL 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		28.0		38.0		34.0		28.0		62.0		-		2.0		35.5
1	31.0	28.0	32.0	38.0	34.0	36.5	26.0	26.5	50.0	43.0	-	-	6.2	2.1	26.0	35.5
2	28.0	31.0	41.0	37.0	32.5	34.0	26.0	24.0	58.0	41.0	-	-	6.0	2.9	27.0	34.5
3	24.0	34.0	39.0	35.0	28.5	34.0	24.0	26.0	70.0	51.0	-	-	3.0	4.0	25.5	38.0
4	26.0	35.0	34.0	39.0	30.0	34.0	24.0	25.0	49.0	46.0	-	-	3.0	4.0	26.0	38.0
5	27.0	36.0	35.0	40.0	30.5	30.0	27.5	26.0	78.0	72.0	-	-	2.3	4.8	26.0	36.0
6	26.0	32.0	39.0	39.0	34.0	37.0	27.5	29.0	59.0	50.0	-	-	4.2	5.0	28.5	37.0
7	26.0	30.0	36.0	40.0	30.0	36.0	26.0	28.0	75.0	53.0	-	-	2.6	5.0	28.0	39.0
8	25.0	29.0	38.0	43.0	28.5	36.0	26.0	27.0	81.0	48.0	-	-	1.9	4.0	27.0	39.0
9	24.0	30.5	37.0	43.5	28.0	36.0	26.0	27.0	85.0	48.0	-	-	2.0	4.5	27.0	37.0
10	26.0	30.0	36.0	41.0	30.0	34.0	26.0	24.0	72.0	41.0	-	-	2.0	6.0	26.0	35.0
11	23.0	32.0	35.0	39.0	29.0	33.0	22.0	23.5	52.0	43.0	-	-	3.0	5.2	25.0	35.5
12	21.5	30.0	34.0	42.0	28.5	34.0	20.5	24.0	45.0	41.0	-	-	2.7	7.0	24.5	35.0
13	22.5	31.0	31.5	41.0	28.5	35.0	22.0	26.0	54.0	48.0	-	-	2.0	5.4	25.0	35.0
14	23.5	31.0	33.0	40.0	29.0	35.0	23.0	26.0	58.0	48.0	-	-	3.0	4.0	25.5	35.0
15	24.0	31.0	33.5	41.0	28.0	35.0	23.0	27.0	64.0	53.0	-	-	4.0	4.3	25.0	36.0
16	25.0	31.0	35.0	41.0	28.5	36.0	25.0	29.0	58.0	74.0	-	-	2.0	5.0	28.0	36.0
17	25.0	31.0	34.0	41.0	28.0	35.0	25.0	26.0	72.0	48.0	-	-	3.3	5.0	28.5	36.0
18	27.0	33.0	36.0	35.0	30.0	35.0	27.0	28.5	78.0	78.0	-	-	4.0	3.8	30.0	37.0
19	28.0	32.0	37.0	36.0	30.0	35.0	28.0	27.0	53.0	85.0	-	-	3.0	3.8	30.0	37.0
20	26.0	32.5	37.0	39.0	28.0	35.0	24.0	29.0	70.0	63.0	-	-	3.0	8.6	30.0	36.0
21	26.0	31.0	35.0	43.0	30.0	38.0	23.0	29.0	50.0	53.0	-	-	3.6	6.7	25.0	37.0
22	29.0	40.0	41.0	43.0	33.5	37.0	26.0	28.0	50.0	56.0	-	-	3.8	8.6	28.5	37.0
23	28.0	29.0	38.0	44.0	29.5	37.0	24.0	29.0	54.0	62.0	-	-	1.8	7.0	27.5	37.5
24	28.5	33.0	40.0	43.0	33.0	38.0	25.0	26.0	36.0	51.0	-	-	5.0	7.2	28.0	36.0
25	27.0	33.0	40.0	42.0	33.0	36.0	26.0	28.0	56.0	53.0	-	-	4.7	3.2	27.0	37.0
26	27.0	35.0	36.0	44.0	33.5	37.0	25.0	28.0	51.0	50.0	-	-	2.3	6.0	28.5	37.0
27	27.5	35.0	40.0	41.0	33.0	38.0	25.5	27.0	40.0	40.0	-	-	2.7	6.0	28.0	37.0
28	25.0	36.0	38.0	37.0	32.0	36.0	24.0	27.0	48.0	49.0	-	-	3.0	8.2	30.0	35.0
29	27.0	33.0	32.0	42.0	32.0	37.0	25.0	28.0	50.0	55.0	-	-	3.6	5.0	27.0	37.0
30	27.0		38.0		33.0		26.0		50.0		-	-	4.0		27.5	
Total	780.5	963.0	1091.0	1207.5	916.0	1063.5	748.0	806.5	1766.0	1605.0	0.0	0.0	97.7	154.3	815.5	1093.5
Average	26.0	32.1	36.4	40.3	30.5	35.5	24.9	26.9	58.9	53.5	0.0	0.0			27.2	36.5
	29.1		38.3		33.0		25.9		56.2		0.0		252.0		31.8	

Station Code : 001B

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : BURLA
 Sub-Division : Burla
 -0.0 .. N.A.

MAY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LpOPM		34.0		43.0		36.5		27.5		56.0		-		6.0		36.5
1	29.0	30.0	41.0	40.0	30.0	36.0	25.0	28.0	65.0	53.0	-	-	4.2	4.0	27.5	36.0
2	27.0	33.0	39.0	40.0	31.0	36.0	25.0	28.0	61.0	53.0	-	-	3.0	6.0	29.0	36.0
3	28.0	33.0	38.0	40.0	32.0	38.0	26.5	29.0	64.0	50.0	-	-	2.0	5.6	28.5	39.0
4	27.0	37.0	38.0	40.0	31.0	35.0	26.0	28.0	67.0	58.0	-	-	3.0	6.8	30.0	36.0
5	33.0	33.0	34.0	40.0	33.0	37.0	26.0	30.0	62.0	59.0	-	-	4.6	2.0	30.0	39.0
6	24.0	28.5	34.0	40.0	30.0	33.0	25.0	25.0	65.0	51.0	-	-	6.0	3.8	30.0	35.5
7	29.0	25.0	29.0	39.0	29.0	34.0	24.0	27.0	64.0	56.0	-	-	4.3	4.5	27.0	37.0
8	24.0	28.0	37.0	40.0	34.0	34.0	25.0	27.5	46.0	59.0	-	-	3.6	4.0	32.0	37.5
9	30.0	28.5	36.0	40.5	32.0	34.5	26.0	23.0	61.0	61.0	-	-	6.8	4.2	30.0	27.0
10	32.5	26.0	35.0	42.0	33.0	35.0	27.0	27.5	62.0	55.0	-	-	3.6	6.0	30.0	37.0
11	27.0	32.0	37.0	38.0	32.0	35.0	26.0	26.5	61.0	63.0	-	-	2.0	5.3	29.5	35.5
12	28.0	34.0	37.0	43.0	32.0	38.0	26.0	30.0	61.0	54.0	-	-	4.0	3.2	30.5	39.5
13	29.0	36.0	41.0	42.0	33.0	37.0	27.0	29.0	62.0	54.0	-	-	6.0	5.8	31.0	38.5
14	30.0	33.0	43.0	40.0	32.0	38.0	27.5	29.0	70.0	50.0	-	-	4.0	5.8	30.5	39.5
15	31.0	41.0	43.5	45.0	34.0	40.0	27.0	31.0	56.0	51.0	-	-	4.0	8.0	31.0	40.0
16	29.0	41.0	42.0	45.0	34.0	40.0	28.0	30.0	79.0	47.0	-	-	2.6	6.8	30.0	40.0
17	30.0	34.0	41.0	46.0	33.0	40.0	33.0	36.0	80.0	76.0	-	-	3.0	6.0	35.0	39.0
18	31.0	34.0	43.0	41.0	33.0	40.0	29.0	31.0	74.0	51.0	-	-	2.5	5.7	32.0	40.0
19	25.0	28.0	41.0	38.0	28.0	37.0	25.0	31.0	77.0	64.0	43.8	-	3.8	4.0	27.5	40.0
20	27.0	28.0	37.0	40.0	32.0	36.0	28.0	29.0	73.0	58.0	-	-	2.8	6.0	31.0	35.0
21	28.0	28.0	38.0	40.0	32.0	38.0	27.0	30.0	67.0	54.0	-	-	1.8	6.0	28.5	40.0
22	29.0	34.0	40.0	43.0	34.0	37.0	29.0	30.0	68.0	59.0	-	-	4.0	6.0	30.0	38.5
23	29.5	34.0	41.0	42.0	33.0	41.0	28.0	31.0	68.0	48.0	-	-	3.2	4.0	31.0	38.5
24	30.0	33.0	40.0	41.0	34.0	39.0	30.0	32.0	74.0	61.0	-	-	4.0	3.8	34.0	40.0
25	28.0	33.0	40.0	40.0	32.0	37.0	27.0	30.5	67.0	62.0	-	-	6.0	4.6	36.0	38.5
26	30.0	34.0	42.0	42.0	33.0	35.0	29.0	29.0	74.0	63.0	-	-	6.0	5.0	37.0	37.0
27	30.0	32.0	34.0	38.0	32.0	35.0	28.0	29.0	73.0	63.0	-	-	4.0	2.6	30.0	37.0
28	28.0	33.0	38.0	41.0	31.5	35.0	27.0	29.0	70.0	63.0	-	-	4.8	6.7	29.0	37.5
29	32.0	33.0	38.0	38.0	32.0	36.0	27.0	28.0	67.0	53.0	-	-	4.0	5.4	30.0	37.0
30	33.0	33.0	33.0	39.0	33.0	37.0	28.0	28.0	68.0	45.0	-	-	3.4	3.2	27.0	37.0
31	32.0		33.0		33.0		32.0		93.0		-	-	9.2		32.0	
Total	900.0	1004.0	1183.5	1266.5	997.5	1140.0	844.0	899.5	2099.0	1750.0	43.8	0.0	126.2	156.8	946.5	1164.5
Average	29.0	32.4	38.2	40.9	32.2	36.8	27.2	29.0	67.7	56.5	1.4	0.0			30.5	37.6
	30.7		39.5		34.5		28.1		62.1		0.7		283.0		34.0	

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
- 0.0 -- N.A.

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM	34.0		42.0																			
1	30.0	35.5	33.0	45.0									0.4	3.2	NE	NW			3.0	4.0	31.0	36.0
2	33.0	36.0	40.0	44.0									0.4	2.5	NW	NE			2.4	6.0	34.0	37.0
3	32.5	40.0	40.5	45.0									0.3	2.6	NW	SW			4.4	3.6	35.0	43.0
4	29.0	33.0	32.0	39.0									1.3	2.4	NW	NE			2.8	4.8	30.0	41.0
5	30.5	35.0	38.0	40.0									1.2	2.4	NW	NE			4.0	2.8	35.0	42.0
6	31.0	34.0	35.0	40.0									0.5	3.8	NW	SE			4.4	3.2	40.0	41.0
7	30.0	34.0	35.0	37.5									1.1	2.9	SW	NE			3.6	3.2	31.0	40.0
8	26.0	29.0	33.0	37.0									1.1	3.8	SW	SW	16.8			4.4	36.0	38.0
9	27.5	33.0	37.0	40.0									2.5	5.5	NW	SE			1.8	4.0	32.0	35.0
10	30.0	34.0	37.0	40.0									1.1	5.2	NW	SE	1.2		1.2	3.6	31.0	38.0
11	29.0	33.0	39.0	41.0									1.1	4.7	SE	NE			1.4	3.0	30.0	32.0
12	28.0	31.0	31.0	39.0									2.3	4.1	SE	SE	6.4			2.8	26.0	30.0
13	29.5	34.0	38.0										1.2	4.7	SE	NE			3.2	3.6	30.0	35.0
14	29.0	32.0	31.5	38.0									1.1	5.1	SW	NW			2.0	3.2	30.0	33.0
15	28.5	31.0	32.0	39.0									2.1	7.2	NE	SW			2.0	5.8	29.0	36.0
16	31.5	33.0	38.0	39.0									1.1	3.1	SW	NE			2.8	2.4	32.0	32.0
17	28.0	29.0	32.0	31.0									0.6	1.9	SE	SW			2.0	2.4	27.0	30.0
18	25.0	27.0	33.0	30.0									1.0	1.6	NW	NW	107.6			2.0	26.0	29.0
19	28.0	28.0	31.0	32.0									0.5	1.4	NW	SE			1.2		29.0	27.0
20	28.0	30.0	30.0	34.5									0.3	2.2	SE	SE			1.0	2.4	29.0	31.0
21	28.5	32.0	34.0	39.0									0.6	2.5	SE	SE			2.0	3.6	29.0	35.0
22	29.0	32.5	32.0	37.0									0.3	2.7	SW	SE			2.8	3.2	29.5	34.0
23	30.0	33.0	36.0	38.0									0.3	2.4	NW	SE			2.0	2.0	31.0	35.0
24	26.0	27.0	30.0	29.0									1.0	1.6	SE	NW	32.0			1.0	27.0	25.0
25	27.0	30.0	29.0	35.0									0.3	2.0	NW	SW			2.0	2.0	28.0	31.0
26	27.0	31.0	34.0	34.0									0.7	2.1	SE	SE			0.8	1.6	28.0	32.0
27	28.0	29.0	31.0	37.0									0.9	1.1	NW	NW			2.4	1.2	29.0	32.0
28	25.0	28.0	27.0	31.0									1.6	2.1	NE	NE	30.0				26.0	33.0
29	28.0	29.0	31.0	32.0									0.5	2.6	NE	NE	2.6		1.8	1.6	29.0	31.0
30	28.0		31.0										0.4		SE	SE			2.0		29.0	
Total	860.5	957.0	1004.0	1123.0									27.4	91.9			196.6	196.6	59.0	88.0	908.5	1029.0
Average	28.7	31.9	33.5	37.4									0.9	3.1							30.3	34.3
	30.3		35.5		0.0		0.0		0.0		0.0		2.0				210.8		147.0		32.3	

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Rajpur
- 0.0 - N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	30.5		34.0										2.2		NW				1.8			32.0
1	26.0	31.0	31.5	34.5									1.2	3.1	NW	NW			1.2	2.0		
2	27.0	28.5	29.0	31.0									3.7	4.4	NW	NW			1.8	1.6		
3	26.0	25.0	28.5	29.0									2.2	3.2	SW	SE	57.6	10.4	0.2	1.2		
4	26.0	25.0	27.0	28.0									2.0	3.6	SW	SW		19.8	0.2	1.8		
5	25.0	26.0	26.0	28.0									3.8	5.2	NW	SW	4.2		1.4	1.2		
6	26.0	26.0	27.0	30.0									3.9	4.1	SW	NW	4.6	1.2		0.4		
7	25.0	24.0	26.0	25.0									3.6	5.2	NW	SW	14.0	7.8	2.7	0.6		
8	24.0	23.0	27.0	25.0							2.0	1.0	4.4	4.4	SW	NW	23.6	2.0	5.6	5.6		
9	24.0	25.0	26.0	26.0							2.0		9.7	2.8	NW	NW	10.2	1.8	2.4	0.6		
10	24.0	25.5	26.0	27.0									3.3	2.7	SW	NW		1.2	0.6	0.2		
11	24.5	25.0	26.0	26.0									2.1	2.2	SW	SW	2.4		1.2	0.2		
12	25.0	25.0	26.0	26.0									1.9	4.2	SW	SW			0.8	0.2		
13	24.5	27.0	26.0	28.0									2.8	4.4	SW	SW		2.2	0.8	0.8		
14	25.0	29.0	26.0	30.5									1.0	6.8	SW	NW	0.8		0.8	2.0		
15	28.0	28.0	30.0	30.0									1.5	4.1	NE	NE			1.8	2.0		
16	26.0	25.0	29.0	26.0									0.7	3.1	NW	SW	28.2		3.0			
17	27.0	27.0	28.0	29.5									0.3	3.1	SE	SE	3.6		0.3	0.8		
18	25.0	26.0	30.0	28.0									1.4	4.1	SW	SW	3.8		0.4			
19	26.0	27.0	27.0	28.5									2.0	4.1	SW	NW			0.4	0.8		
20	26.0	27.0	27.0	30.0									1.8	2.3	NW	SW		6.8	1.6	1.0		
21	25.0	27.0	26.0	31.0									0.4	1.0	NW	NW	7.0		1.5	2.2		
22	27.0	26.0	28.0	30.0									0.6	0.4	SE	SW	85.4		0.5	0.2		
23	27.0	28.0	29.0	31.0									0.3	1.0	SW	NE		5.4	2.2	0.8		
24	26.0	29.0	27.5	30.0									0.3	0.1	SW	NE	24.0	7.8	0.4	1.8		
25	26.0	28.0	27.0	31.0									0.2	2.4	NW	SE			1.2	0.8		
26	27.0	26.0	29.0	28.0									0.4	1.5	SE	SE	2.0	20.0	0.8	2.5		
27	25.0	27.0	26.0	31.0									0.4	2.2	SE	NW	2.4		0.6	1.8		
28	26.0	30.0	30.0	31.5									0.2	3.0	NE	NW			3.0	1.5		
29	26.0	26.0	31.0	30.0									0.6	1.8	SE	SE	3.6		2.4	0.8		
30	27.0	29.0	29.0	31.0									0.4	2.5	SE	SE			1.6	1.2		
31	28.0		30.0												NW		1.4		0.8			
Total	801.0	831.5	861.5	904.5							4.0	1.0	57.0	95.2			278.8	278.8	42.2	38.4		32.0*
Average	25.8	26.8	27.8	29.2							0.1	0.0	1.8	3.1			365.2		80.6			32.0*
	26.3		28.5		0.0*		0.0*		0.0*		0.1		2.5									16.0*

* : One or more data missing LDoPM - Last day of previous month

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD, CWC, Raipur
- 0.0 .. N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LpPM	28.5	31.0	31.0	31.0	25.0	24.0	23.0	24.0	84.0	96.0	-	-	1.6	3.5	NW	NW	-	-	2.0	1.2	26.5	29.5
1	28.0	28.5	31.0	31.0	25.0	24.0	23.0	24.0	84.0	96.0	-	-	1.7	3.7	SW	NW	1.2	-	1.8	0.4	27.0	28.0
2	27.0	26.0	27.0	29.0	25.5	24.5	23.5	24.5	84.0	96.0	-	-	2.1	3.8	SW	NW	3.6	-	2.2	1.4	28.0	29.0
3	25.0	27.0	28.0	29.0	25.0	25.0	24.5	24.5	96.0	96.0	-	-	2.9	5.0	SW	NW	1.6	7.6	0.6	3.0	26.5	30.0
4	26.0	27.0	28.0	29.0	25.0	24.5	24.0	24.5	92.0	96.0	-	-	3.9	4.9	SW	SW	25.2	44.8	0.5	0.2	25.0	31.0
5	25.0	24.0	25.0	28.0	23.5	24.0	23.0	24.0	96.0	96.0	2.0	-	1.9	3.4	NW	NW	4.4	63.2	0.9	0.2	24.0	29.0
6	26.0	24.0	26.0	27.0	24.0	25.0	23.0	24.0	91.0	92.0	2.0	-	1.2	5.0	SW	SW	2.2	-	0.6	1.0	25.0	28.5
7	24.0	25.0	26.0	28.5	25.0	26.0	23.0	23.0	84.0	76.0	2.0	2.0	2.3	5.1	SW	SW	-	-	1.0	1.2	26.0	29.0
8	24.0	25.0	26.0	27.0	24.0	26.5	24.0	25.0	96.0	88.0	2.0	2.0	1.9	3.9	SW	NW	15.4	-	2.0	0.4	27.0	30.0
9	24.0	24.0	25.5	26.0	24.0	25.0	24.0	25.0	96.0	96.0	2.0	2.0	2.1	3.0	SW	SW	45.6	-	2.2	1.6	27.5	29.0
10	25.0	24.0	26.0	26.0	24.0	25.5	24.0	25.5	96.0	96.0	2.0	2.0	7.8	4.6	NW	SW	-	-	1.0	0.4	28.0	30.0
11	27.0	25.0	28.5	27.0	25.5	27.0	23.5	25.0	84.0	84.0	2.0	2.0	2.3	6.0	NW	NW	-	-	2.0	2.0	27.0	32.0
12	26.5	27.0	27.0	28.0	26.0	27.0	24.0	25.0	84.0	77.0	-	2.0	2.7	4.8	NW	SW	-	-	0.8	2.2	26.0	28.0
13	27.0	28.0	27.0	28.0	26.0	27.0	24.0	25.0	84.0	77.0	-	2.0	2.0	5.1	SW	NW	-	-	1.0	2.2	26.0	29.0
14	27.0	28.0	27.5	30.0	24.0	30.0	24.0	27.0	96.0	78.0	-	-	3.4	5.4	NW	NW	-	-	2.0	1.0	25.0	26.0
15	26.0	28.5	27.5	30.0	26.0	25.0	24.0	24.0	84.0	92.0	-	-	3.7	3.8	SW	NW	-	-	1.0	1.8	25.0	28.5
16	26.0	26.0	28.0	30.0	25.0	26.5	23.0	25.0	84.0	88.0	-	-	3.1	2.6	NW	SW	2.8	-	0.6	1.8	26.0	27.0
17	24.0	24.0	25.5	26.0	23.5	26.0	23.0	24.0	96.0	84.0	-	-	2.1	5.8	NW	SW	-	-	0.4	1.0	26.0	28.0
18	25.0	25.0	26.0	26.0	24.0	25.0	22.0	23.0	83.0	84.0	-	-	1.6	4.7	NW	SW	-	-	0.4	0.8	26.5	30.0
19	24.0	28.0	26.0	30.0	26.0	30.0	23.0	25.0	76.0	65.0	-	-	0.3	3.5	NW	SW	-	-	2.8	2.4	27.5	30.0
20	25.0	27.0	29.0	31.0	26.0	30.0	24.0	25.0	84.0	65.0	-	2.0	0.8	3.2	SW	NW	-	-	1.6	0.8	27.0	29.0
21	26.0	27.0	28.5	30.0	25.0	30.0	22.0	25.0	76.0	65.0	2.0	2.0	0.5	3.5	NW	NW	-	-	2.8	1.0	28.0	30.0
22	25.0	27.0	29.5	30.0	25.0	28.0	23.0	25.0	84.0	77.0	2.0	2.0	0.3	3.1	SE	SW	-	-	1.6	0.8	27.0	35.0
23	27.0	29.0	28.0	31.0	27.0	30.5	24.0	26.0	77.0	70.0	-	2.0	0.1	1.9	SW	NW	-	-	2.2	1.2	27.5	37.0
24	27.0	29.5	30.0	33.0	26.0	32.0	26.0	27.0	96.0	67.0	-	2.0	0.1	2.0	NE	SE	-	3.8	2.8	0.6	30.5	35.0
25	28.0	28.0	31.0	32.0	28.0	29.0	25.0	26.5	77.0	81.0	-	-	0.3	0.8	SE	SE	-	-	5.1	1.2	28.0	36.0
26	27.0	30.0	31.0	32.0	26.5	31.0	24.0	28.0	81.0	79.0	-	-	0.3	1.4	SE	SE	51.4	-	0.8	0.8	26.5	34.5
27	26.0	26.0	30.0	33.5	26.0	31.0	23.0	27.0	76.0	73.0	-	-	0.1	0.9	NW	NE	-	-	2.2	1.8	26.5	35.0
28	23.5	28.5	30.5	32.5	26.0	38.0	24.0	29.0	84.0	50.0	-	-	0.1	2.8	NW	SW	-	-	1.0	2.4	29.0	36.0
29	29.0	29.0	33.0	34.0	29.0	35.0	26.0	28.0	78.0	58.0	-	-	0.1	0.6	SE	SE	-	-	2.0	4.0	31.0	38.0
30	30.0	30.5	32.0	37.0	30.0	29.0	27.0	27.5	78.0	89.0	-	-	0.9	-	NW	NW	1.0	-	2.0	2.0	28.0	-
31	25.5	30.5	30.5	32.0	27.0	30.0	25.0	25.0	84.0	-	-	-	55.1	110.6	-	-	154.4	154.4	49.9	42.2	834.5	927.0*
Total	805.5	829.0	875.0	922.5	792.5	838.0*	740.0	761.5*	2665.0	2438.0*	20.0	24.0	1.8	3.6	-	-	-	-	-	-	26.9	30.9*
Average	26.0	26.7	28.2	29.8	25.6	27.9*	23.9	25.4*	86.0	81.3*	0.6	0.8	2.7	-	-	-	273.8	-	92.1	-	28.9*	-
	26.4	29.0	29.0	26.7*	26.7*	26.7*	24.6*	24.6*	83.6*	83.6*	0.7	-	-	-	-	-	-	-	-	-	-	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR000A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMDS,CWC,Raipur
- 0.0 .. N.A.

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	28.0		33.0		30.0		27.0		85.0		-		0.6		NW		-		2.4		17:30	17:30
1	27.0	29.0	30.5	32.0	29.5	26.0	26.0	85.0	75.0	-	-	0.6	2.2	SW	NW	-	-	0.8	1.2	28.5	33.5	
2	26.0	27.0	30.0	32.0	27.0	25.0	26.0	84.0	78.0	2.0	2.0	2.0	5.0	SW	SW	-	-	0.8	1.2	28.0	33.0	
3	25.0	26.5	30.0	29.0	27.0	24.0	26.0	92.0	92.0	-	2.0	2.8	3.1	NW	SW	37.0	0.6	2.1	0.8	27.5	29.5	
4	25.5	26.0	28.0	28.5	26.0	24.0	23.0	84.0	76.0	-	-	1.0	1.8	NE	SE	3.4	5.2	2.0	1.0	26.0	30.0	
5	25.0	26.5	28.0	30.0	26.0	24.0	25.0	84.0	77.0	2.0	2.0	1.4	4.1	SW	SW	1.8	2.0	2.0	1.2	27.0	31.5	
6	25.0	27.0	29.0	31.0	26.5	24.0	24.0	84.0	70.0	2.0	2.0	2.4	4.2	NE	SE	-	-	0.8	2.8	26.5	33.0	
7	25.5	26.0	29.0	31.0	26.0	24.0	24.5	84.0	74.0	2.0	2.0	2.4	4.5	SW	SW	-	-	2.0	1.6	26.5	32.5	
8	25.0	25.0	28.0	27.5	25.0	24.0	25.0	92.0	92.0	2.0	2.0	1.6	2.0	SW	SW	0.4	-	0.6	1.8	26.5	32.0	
9	25.0	25.5	27.0	28.0	26.0	25.0	24.0	92.0	92.0	-	-	0.3	1.1	NW	SE	15.2	-	2.8	0.8	27.0	27.5	
10	25.5	26.0	27.0	32.0	25.0	23.0	25.0	84.0	88.0	-	-	0.6	0.6	NE	NE	55.8	14.2	4.6	2.8	26.5	33.0	
11	26.0	26.5	28.0	29.0	25.0	24.0	26.0	92.0	75.0	-	-	0.7	1.1	SW	NW	17.6	4.2	3.8	1.8	27.0	30.0	
12	25.0	25.0	28.5	27.0	25.5	24.0	24.0	96.0	77.0	-	-	0.4	0.5	NW	SW	17.4	26.6	2.6	2.6	26.5	29.0	
13	24.0	26.0	28.0	32.0	26.0	25.0	25.0	92.0	92.0	-	-	0.2	1.2	NE	NE	11.0	2.8	0.8	0.8	26.5	34.0	
14	25.5	26.0	30.5	34.0	26.5	25.0	26.0	88.0	96.0	-	-	-	1.2	NE	NE	-	0.6	1.2	0.4	28.0	35.5	
15	25.5	27.0	31.0	34.0	26.5	25.0	27.0	88.0	85.0	-	-	0.2	1.7	NE	NE	0.4	-	0.4	2.4	27.0	37.5	
16	25.5	28.5	33.5	33.0	28.0	25.5	28.0	81.0	73.0	2.0	-	0.2	1.4	NW	NE	-	-	1.2	2.0	28.0	36.5	
17	26.0	27.0	35.0	33.5	27.0	25.5	25.5	88.0	64.0	-	2.0	0.3	0.8	SW	NE	-	-	1.2	0.8	28.0	32.5	
18	27.0	28.0	28.0	34.0	27.0	27.5	24.0	77.0	84.0	2.0	-	0.1	1.0	NE	SE	-	-	0.8	1.0	29.0	31.5	
19	26.0	27.5	30.0	35.0	27.0	29.0	25.0	84.0	78.0	-	-	2.0	0.1	1.3	SE	NW	0.4	1.2	0.6	29.0	28.5	
20	25.0	26.0	29.0	29.5	25.0	23.0	25.0	76.0	77.0	-	-	0.5	1.2	NW	NE	-	-	1.8	0.4	27.0	36.0	
21	25.0	26.5	32.0	35.0	26.0	30.0	26.5	84.0	75.0	-	-	0.2	1.2	SE	NW	-	-	1.6	1.2	27.0	36.0	
22	25.0	29.5	31.0	33.0	26.0	31.0	25.0	92.0	79.0	-	2.0	0.4	1.4	NE	NW	-	0.8	0.8	1.4	29.0	35.5	
23	26.0	29.0	31.0	33.0	27.0	30.5	25.0	84.0	89.0	-	-	0.3	1.7	NW	NE	-	-	1.6	1.2	28.0	34.5	
24	27.0	27.0	29.5	33.0	26.0	24.0	27.0	84.0	85.0	-	2.0	0.1	1.6	SW	NE	-	-	1.0	0.4	27.0	32.0	
25	26.0	27.5	29.0	31.0	27.0	29.0	25.0	84.0	81.0	-	-	0.1	1.0	NE	NE	-	-	0.8	0.4	27.0	30.0	
26	25.0	26.5	30.5	32.5	27.0	28.0	25.0	84.0	81.0	-	-	0.1	1.4	NE	SE	8.2	-	2.0	1.2	27.5	33.0	
27	25.0	25.5	29.5	27.5	25.0	25.0	24.5	96.0	92.0	-	-	0.2	0.6	SE	NE	2.2	13.4	1.2	0.6	27.0	29.5	
28	25.0	26.0	27.0	31.0	25.0	27.5	25.0	96.0	84.0	-	-	0.1	1.2	NE	NW	-	-	0.4	0.2	26.5	32.5	
29	25.0	26.0	28.5	33.0	26.0	29.0	25.0	92.0	85.0	-	-	0.2	1.2	NW	NW	0.6	-	-	0.8	27.5	34.0	
30	26.0		30.0		26.0	25.0	25.0	92.0	92.0	-	-	0.2		SE	SE	-	-	-	-	27.5		
Total	765.0	803.5	886.0	944.0	785.0	738.5	772.5	2615.0	2451.0	14.0	20.0	19.7	51.9			171.0	171.0	42.9	37.8	820.0	977.5	
Average	25.5	26.8	29.5	31.5	26.2	24.6	25.8	87.2	81.7	0.5	0.7	0.7	1.7			241.8		80.7		27.3	32.6	
	26.1		30.5		27.2	25.2		84.4		0.6		1.2									30.0	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Palri

Station Name : Baronda
Sub-Division : UMSD, CWC, Raipur
- 0.0 .. N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	26.5		32.0		29.0		27.0		85.0				1.5		NW				0.8			
1	26.0	28.0	28.5	33.0	27.5	30.0	25.0	27.0	84.0	78.0	2.0	2.0	0.8	0.8	NE	SE	-	-	1.2	1.2	28.0	34.5
2	25.0	27.0	30.0	32.0	27.0	28.0	25.0	26.0	84.0	85.0	-	2.0	0.2	1.2	NE	NE	-	-	1.6	0.8	27.5	30.5
3	26.0	28.0	28.5	32.0	27.0	30.5	25.0	27.0	84.0	78.0	-	-	0.1	1.7	NE	SW	-	-	-	1.2	27.0	36.5
4	26.0	27.5	29.0	32.5	25.0	31.0	24.0	26.0	92.0	61.0	-	-	0.3	2.3	SW	NW	0.8	-	1.0	0.8	28.0	35.0
5	26.0	28.0	29.5	32.5	27.0	31.0	25.0	27.5	84.0	79.0	-	-	0.2	2.5	NW	SW	-	-	0.8	1.2	27.5	36.0
6	26.0	26.5	31.5	34.0	26.0	30.0	24.0	27.0	84.0	78.0	-	-	0.2	2.0	SW	SE	-	-	0.8	1.6	28.0	35.0
7	25.5	27.0	30.0	31.0	25.0	27.0	23.0	24.0	84.0	77.0	-	-	1.0	1.1	SW	SW	3.4	-	1.2	1.4	28.5	30.0
8	25.0	25.0	28.5	30.0	25.0	25.0	22.0	23.0	76.0	84.0	-	-	0.3	1.1	SE	NW	-	-	0.4	0.4	26.0	30.5
9	24.0	26.0	28.0	32.0	24.0	29.0	22.0	26.0	83.0	78.0	-	-	0.5	1.0	SW	NE	9.6	-	0.9	1.4	26.5	33.0
10	25.0	26.5	30.0	32.0	25.0	30.0	23.0	27.0	84.0	78.0	2.0	-	1.3	1.7	NW	NW	-	-	1.2	1.4	27.0	34.5
11	25.0	25.0	31.5	34.0	25.0	28.5	24.0	25.0	92.0	77.0	2.0	-	-	1.7	NW	NE	-	-	1.6	1.2	26.5	34.5
12	24.0	27.0	30.0	33.0	25.0	31.0	24.0	26.5	92.0	67.0	-	-	0.1	1.4	NE	SW	-	-	1.2	0.8	25.5	35.0
13	22.0	26.0	33.0	34.0	24.0	30.0	24.0	25.0	96.0	65.0	-	-	0.1	1.4	NW	NW	-	-	2.0	2.0	25.0	34.5
14	22.0	25.5	30.0	33.0	24.0	29.0	22.0	24.0	83.0	64.0	-	-	0.1	0.9	NW	NW	-	-	1.2	1.2	23.5	32.5
15	21.5	26.0	30.0	32.0	23.0	28.0	21.0	25.0	67.0	77.0	-	-	0.3	1.3	NW	NE	-	-	0.8	0.8	23.0	33.0
16	22.0	22.0	29.5	34.0	22.0	29.0	20.0	24.0	82.0	64.0	-	-	0.1	1.2	NW	NW	-	-	1.4	0.8	23.5	32.5
17	20.0	22.5	32.5	33.0	22.0	29.0	19.5	24.0	74.0	64.0	-	-	0.1	1.3	NW	NE	-	-	1.0	1.6	22.5	33.0
18	21.5	23.0	27.0	33.0	21.5	29.0	20.0	24.5	82.0	71.0	-	-	0.1	1.6	NE	NW	-	-	1.6	1.4	26.0	34.0
19	21.0	21.0	30.5	34.0	21.0	27.0	20.0	23.5	91.0	77.0	-	-	0.1	0.8	NW	NE	-	-	1.8	1.6	27.0	33.0
20	19.0	20.0	29.0	34.5	20.0	29.0	19.0	24.0	91.0	64.0	-	-	0.2	1.1	NE	NW	-	-	1.8	0.8	25.5	32.0
21	19.0	21.5	31.0	32.0	21.0	27.5	19.0	23.0	82.0	70.0	-	-	-	1.1	NE	NE	-	-	0.4	0.6	23.0	31.0
22	20.0	20.0	33.0	34.0	22.0	28.5	20.0	24.0	82.0	70.0	-	-	-	0.8	NW	NW	-	-	1.0	1.2	22.5	31.5
23	19.5	23.5	28.5	31.0	21.0	29.0	19.0	23.5	82.0	58.0	-	-	0.3	1.2	NW	NW	-	-	0.8	1.0	21.5	30.5
24	21.0	24.0	31.0	31.0	23.0	28.0	20.0	24.0	75.0	70.0	-	-	0.1	2.3	NW	NW	-	-	0.8	0.8	24.0	29.5
25	20.0	23.0	31.0	34.0	23.5	28.0	20.0	23.5	75.0	70.0	-	-	0.3	0.8	NW	NE	-	-	0.6	1.6	24.0	31.0
26	21.0	24.0	29.0	30.0	21.0	27.5	19.5	23.0	82.0	70.0	-	-	0.1	1.6	NE	NW	-	-	-	1.4	24.5	30.0
27	19.0	21.0	29.0	34.0	21.0	28.0	19.0	24.0	82.0	70.0	-	-	0.1	1.7	NW	NE	-	-	0.4	2.0	21.5	30.5
28	19.5	22.0	28.0	29.5	21.0	27.0	19.0	23.0	82.0	70.0	-	-	0.1	1.1	NE	SW	-	-	0.4	0.8	22.5	31.0
29	21.0	23.0	30.0	31.0	24.0	28.0	21.0	25.0	75.0	77.0	-	-	-	1.2	NW	NW	-	-	1.0	1.0	24.5	29.0
30	22.0	24.0	30.5	31.0	23.0	29.0	22.0	24.0	91.0	60.0	-	-	-	1.1	NW	NW	-	-	1.2	0.8	24.5	28.5
31	21.0		31.5		24.0		23.0		91.0		-	-	0.1		NE		-	-	0.8		23.5	
Total	695.5	760.0	929.0	1005.0	730.5	890.5	673.0	770.0	2588.0	2236.0	6.0	4.0	7.2	42.6			10.4	10.4	30.9	35.6	778.0	1005.0
Average	22.4	24.5	30.0	32.4	23.6	28.7	21.7	24.8	83.5	72.1	0.2	0.1	0.2	1.4			13.8				25.1	32.4
	23.5		31.2		26.1		23.3		77.8		0.2		0.8						66.5		28.8	

* : One or more data missing (DoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR000A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
- 0.0 .. N.A.

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	19.0	20.0	30.0	32.0	20.0	28.0	19.0	25.0	91.0	71.0	-	-	0.1	1.3	NW	NW	-	-	0.8	0.4	22.0	30.0
2	20.5	20.5	30.0	32.0	21.0	28.5	20.0	24.0	91.0	70.0	-	-	-	1.1	NW	NE	-	-	0.4	0.6	23.0	29.0
3	19.0	21.0	28.5	34.0	20.0	29.0	19.0	25.0	91.0	71.0	-	-	0.1	1.2	NW	NW	-	-	0.4	0.8	24.0	31.0
4	21.0	23.0	29.0	34.0	21.0	29.0	19.0	25.0	91.0	71.0	-	-	-	1.6	NE	NW	-	-	0.4	1.2	25.0	31.5
5	23.0	27.0	30.0	34.0	26.0	30.0	23.0	25.0	76.0	65.0	-	-	0.1	1.1	NW	NE	-	-	1.2	0.8	25.0	33.0
6	22.0	25.0	29.5	32.0	22.0	27.0	20.0	25.0	82.0	84.0	-	-	0.2	1.3	NE	NE	-	-	0.6	1.4	24.0	31.0
7	19.0	22.0	28.0	33.0	22.0	29.0	19.0	23.0	74.0	58.0	-	-	0.2	1.4	NE	NW	-	-	0.4	1.2	21.0	31.0
8	15.0	22.0	26.0	33.0	22.0	29.0	18.0	23.0	66.0	58.0	-	-	0.4	0.9	NW	NW	-	-	0.8	0.8	18.0	30.0
9	16.0	16.5	27.0	32.0	20.0	25.0	19.0	20.0	91.0	61.0	2.0	-	0.1	0.9	SW	SW	-	-	0.6	1.0	17.0	29.0
10	17.5	18.0	27.0	32.0	17.0	25.5	15.0	20.0	61.0	80.0	-	-	0.1	0.9	SW	NE	-	-	2.0	0.8	15.5	26.5
11	17.0	21.0	31.0	31.0	17.0	26.0	15.0	21.0	90.0	68.0	-	-	0.1	0.9	NE	SW	-	-	1.0	1.0	15.0	21.0
12	19.0	20.0	22.0	30.5	17.0	24.5	16.0	20.0	80.0	59.0	-	-	0.1	0.8	SW	NE	-	-	1.5	0.8	18.0	25.0
13	21.0	24.0	22.0	32.0	18.5	27.0	16.0	22.5	72.0	51.0	-	-	-	0.8	NW	SW	-	-	1.2	0.8	19.5	28.0
14	18.5	22.0	21.0	31.0	19.5	28.0	16.0	21.0	63.0	62.0	-	-	0.1	0.9	SW	SW	-	-	1.2	0.8	18.0	27.0
15	18.0	20.0	20.0	32.0	19.0	26.0	15.0	21.0	73.0	56.0	-	-	0.1	0.9	SW	NE	-	-	1.0	0.6	17.0	28.0
16	17.0	20.0	29.0	32.0	20.0	27.0	17.5	21.5	90.0	53.0	-	-	0.1	1.1	SW	SW	-	-	0.8	0.8	20.0	28.0
17	19.5	18.0	29.0	32.0	18.5	24.0	16.0	18.0	79.0	39.0	-	-	0.1	1.3	SW	SW	-	-	0.4	1.0	19.0	27.5
18	13.0	21.0	27.0	32.0	16.0	24.0	14.0	16.5	89.0	49.0	-	-	0.1	1.3	SW	NW	-	-	0.6	0.8	17.5	26.0
19	18.0	27.0	32.5	32.5	16.5	26.0	15.0	19.0	78.0	49.0	-	-	0.1	0.9	NW	NW	-	-	1.2	0.4	17.0	27.0
20	13.0	15.0	28.0	34.0	15.0	26.0	13.0	19.0	80.0	52.0	-	-	0.1	1.0	SE	SE	-	-	1.2	1.2	16.5	27.5
21	13.5	18.5	28.0	33.0	17.0	23.5	15.0	17.0	80.0	28.0	-	-	0.1	0.8	SE	SE	-	-	1.0	1.2	19.5	27.0
22	13.0	17.0	33.0	33.0	17.0	28.0	15.0	17.0	80.0	45.0	-	-	-	1.1	SE	NW	-	-	1.2	1.0	17.5	27.0
23	13.0	15.0	33.0	34.0	17.5	23.5	15.0	17.0	65.0	41.0	-	-	0.1	0.8	NW	NW	-	-	1.0	1.2	18.5	27.0
24	13.0	18.0	33.0	32.0	21.0	25.0	17.0	17.5	71.0	46.0	-	-	0.3	0.9	NW	NE	-	-	1.2	1.4	17.0	26.5
25	13.0	14.0	32.5	28.0	18.0	24.0	15.0	17.0	80.0	52.0	-	-	0.1	0.9	NW	NW	-	-	1.2	1.0	18.5	24.0
26	13.0	15.0	33.0	32.0	16.5	23.0	15.0	17.0	80.0	52.0	-	-	0.1	0.3	NE	NW	-	-	1.6	2.0	17.5	24.0
27	13.0	14.0	33.0	28.0	16.0	23.0	15.0	17.0	80.0	52.0	-	-	1.2	1.6	NW	SW	-	-	1.2	0.6	18.0	24.0
28	13.5	14.5	32.0	28.0	16.5	23.5	15.0	17.0	80.0	58.0	-	-	0.3	0.4	SW	SW	-	-	0.4	0.8	17.0	23.0
29	13.0	15.0	31.0	27.0	16.0	22.0	15.0	17.0	80.0	58.0	-	-	0.1	0.3	SW	SW	-	-	0.2	0.3	18.0	24.0
30	13.0	31.0	31.0		16.0		15.0		80.0		-	-	1.1		SW		-	-	1.2		17.5	
Total	497.0	586.0	856.0	955.0	559.5	783.0	496.5	611.0	2384.0	1744.0	2.0	-	5.6	28.7			-	-	27.9	27.3	571.0	823.5
Average	16.6	19.5	28.5	31.8	18.7	26.1	16.6	20.4	79.5	58.1	0.1	-	0.2	1.0			-	-			19.0	27.5
	18.1		30.2		22.4		18.5		68.8		0.0		0.6				0.0		55.2		23.2	

• : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
- 0.0 .. N.A.

DECEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	18.0	16.0	30.0	27.0	18.0	22.0	16.0	18.0	80.0	59.0	-	-	0.3	0.3	NW	SW	-	-	1.0	0.8	18.5	23.0
2	22.0	16.0	31.0	31.0	19.0	22.0	15.0	17.0	63.0	58.0	-	-	0.1	0.7	NW	NE	-	-	1.6	1.0	18.5	25.0
3	22.0	20.0	31.5	30.5	19.0	22.0	17.0	22.0	81.0	95.0	-	-	0.1	1.1	NW	NW	-	-	1.2	1.4	19.5	18.0
4	16.0	17.0	30.0	33.0	19.0	26.0	17.0	21.0	81.0	62.0	-	-	0.1	1.3	NE	NW	-	-	1.2	1.6	20.5	28.0
5	18.0	18.0	27.0	31.0	18.0	26.0	16.0	21.0	80.0	62.0	-	-	0.0	0.9	NW	NW	-	-	1.2	1.2	18.0	27.0
6	14.0	19.5	27.5	31.0	17.0	25.0	15.5	20.0	85.0	61.0	-	-	0.0	1.2	NW	NW	-	-	0.4	1.2	18.5	27.0
7	14.0	17.0	27.0	31.0	16.0	25.0	15.0	21.0	89.0	68.0	-	-	0.0	0.9	NW	SW	-	-	1.8	1.4	18.0	22.0
8	14.0	18.0	27.0	30.0	16.0	24.0	15.0	19.0	89.0	60.0	-	-	0.0	1.0	NW	NE	-	-	1.8	1.0	17.0	22.5
9	14.0	18.0	25.5	30.0	15.0	24.5	14.0	20.0	89.0	65.0	-	-	0.0	0.8	NE	NE	-	-	1.6	1.4	19.0	22.5
10	13.0	18.5	30.0	30.0	13.0	24.0	13.0	19.0	94.0	60.0	-	-	0.0	1.0	NW	NW	-	-	0.4	1.2	14.0	21.0
11	12.0	17.5	28.0	29.0	15.0	23.0	13.0	18.0	78.0	59.0	-	-	0.0	1.1	NE	NE	-	-	0.6	0.8	13.0	20.0
12	12.0	18.0	29.0	30.0	16.0	23.0	12.0	19.0	59.0	67.0	-	-	0.1	1.1	NW	NE	-	-	0.8	0.6	13.0	19.0
13	13.0	15.0	30.0	31.0	17.0	22.0	13.0	20.0	61.0	82.0	-	-	0.1	1.2	NW	NW	-	-	0.8	0.4	12.0	20.0
14	12.0	15.0	32.0	32.0	17.0	26.0	14.0	21.0	70.0	62.0	-	-	0.0	1.2	NW	NW	-	-	0.6	1.0	14.0	17.0
15	13.0	15.0	33.0	31.0	15.0	24.0	13.0	20.0	78.0	68.0	-	-	0.1	1.0	NW	NW	-	-	0.8	0.6	14.0	16.0
16	12.0	13.0	27.0	31.0	13.0	22.0	12.0	19.0	88.0	74.0	-	-	0.1	1.0	NE	NW	-	-	0.8	0.4	13.5	20.0
17	12.0	15.5	24.0	30.0	13.0	24.0	12.0	20.0	88.0	68.0	-	-	0.0	1.1	NE	NE	-	-	1.2	0.4	13.0	19.0
18	11.5	14.0	23.0	29.5	12.0	23.0	12.0	19.0	94.0	67.0	-	-	0.1	1.1	NW	NW	-	-	1.0	0.2	12.5	17.0
19	11.0	14.5	24.0	29.0	13.0	24.0	12.0	19.5	88.0	64.0	-	-	0.0	1.5	NE	NE	-	-	0.6	0.4	12.0	17.5
20	9.0	13.0	22.0	31.0	13.0	23.0	13.0	20.5	94.0	79.0	-	-	0.0	1.0	NE	NW	-	-	0.4	0.2	10.0	15.0
21	9.0	12.0	22.0	29.0	13.0	22.0	13.0	19.0	94.0	74.0	-	-	0.1	1.6	NE	NW	-	-	0.4	0.8	10.0	14.5
22	10.0	12.0	32.0	31.0	13.0	24.0	13.0	23.0	94.0	91.0	-	-	0.1	1.5	NW	NW	-	-	0.4	0.6	11.0	15.0
23	10.0	11.5	26.0	30.0	11.0	23.0	10.0	22.0	87.0	91.0	-	-	0.0	1.2	NW	NW	-	-	0.2	0.6	11.0	15.0
24	10.0	11.5	22.0	30.0	12.0	25.0	11.0	24.0	88.0	92.0	-	-	0.1	0.9	NW	NW	-	-	0.6	0.4	11.0	14.0
25	9.0	12.0	22.0	29.0	11.0	24.0	11.0	23.0	94.0	91.0	-	-	0.0	1.0	NW	NE	-	-	0.8	0.2	10.0	14.5
26	10.0	11.0	23.0	31.0	12.0	26.0	12.0	25.0	94.0	92.0	-	-	0.1	1.2	NE	NW	-	-	0.8	0.6	10.0	13.5
27	10.0	12.0	32.0	31.0	12.0	25.0	12.0	24.5	94.0	96.0	-	-	0.0	1.3	NE	NW	-	-	0.8	0.4	11.0	15.0
28	11.0	12.0	30.0	30.0	12.0	24.0	12.0	23.5	94.0	96.0	-	-	0.1	1.0	NW	NW	-	-	1.0	0.4	12.5	16.0
29	12.5	12.5	30.5	31.0	12.5	24.5	12.0	24.5	94.0	96.0	-	-	0.0	0.9	NW	NW	-	-	0.8	0.4	14.0	16.5
30	12.0	13.0	31.0	31.0	13.5	27.0	13.0	26.5	94.0	96.0	-	-	0.0	1.2	NE	NW	-	-	1.2	0.4	14.5	17.0
31	13.0	29.0			13.5		12.5		88.0		-	-	0.0		NE		-	-	1.6		14.0	
Total	395.0	462.0	858.0	942.0	449.5	742.0	411.0	646.0	2644.0	2313.0	-	-	1.3	33.3			-	-	28.4	23.2	437.5	593.5
Average	12.9	14.9	27.7	30.4	14.5	23.9	13.3	20.8	85.3	74.6	-	-	0.0	1.1			-	-			14.1	19.1
	13.9		29.0		19.2		17.0		80.0		0.0		0.6				0.0*		51.6		16.6	

* One or more data missing L0oPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
- 0.0 .. N.A.

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	13.5		32.0		28.5		27.5		84.0		-		1.1		NW		-		0.2		15.0	
1	11.0	12.5	28.5	30.0	14.0	15.0	12.0	12.0	78.0	68.0	-	-	0.1	1.1	NE	NW	-	-	0.8	1.0	13.0	13.5
2	10.0	13.0	28.0	30.0	13.0	17.0	12.0	14.0	88.0	70.0	-	-	0.1	1.0	NW	NW	-	-	0.4	1.2	12.0	14.0
3	16.0	16.0	25.0	28.0	15.0	18.0	13.0	15.0	78.0	71.0	-	-	0.2	1.4	NW	NE	-	-	0.8	1.4	17.0	17.0
4	14.0	17.0	21.0	30.0	15.0	18.0	15.0	16.0	94.0	80.0	-	-	0.1	1.0	NW	NW	-	-	0.2	1.4	16.0	18.0
5	12.5	16.0	29.0	29.0	13.0	17.0	12.5	15.0	94.0	80.0	-	-	0.1	0.8	NW	NW	-	-	0.4	1.2	13.0	17.0
6	12.0	16.5	31.0	30.0	13.0	18.0	12.0	16.0	88.0	80.0	-	-	0.1	0.6	NW	NW	-	-	0.8	1.2	13.0	18.0
7	12.0	16.0	32.0	30.0	17.0	19.0	12.5	17.0	56.0	81.0	-	-	0.4	1.7	NW	NE	-	-	0.8	1.0	13.0	17.5
8	11.0	17.0	29.0	31.0	15.0	19.5	13.0	18.0	78.0	86.0	-	-	0.1	1.3	NW	NW	-	-	0.6	1.2	12.5	18.0
9	12.5	17.5	30.0	33.0	16.0	17.0	12.0	15.0	59.0	80.0	-	-	0.1	0.9	NW	NE	-	-	0.8	1.0	14.0	18.0
10	13.0	20.0	30.0	27.0	15.0	24.0	13.0	23.5	78.0	96.0	-	-	0.3	1.4	NW	NW	-	-	0.6	1.6	14.5	21.0
11	12.5	19.0	30.0	32.0	16.0	24.0	15.0	23.5	95.0	96.0	-	-	0.1	1.5	NW	NE	-	-	0.8	1.2	13.0	20.0
12	13.0	18.5	31.0	31.0	16.0	24.0	14.0	23.0	79.0	91.0	-	-	0.1	1.4	SW	NW	-	-	0.6	1.6	15.0	19.5
13	10.0	19.0	32.0	31.0	15.0	25.0	13.5	24.0	84.0	92.0	-	-	0.2	1.3	NW	SW	-	-	1.2	1.8	12.0	20.0
14	10.0	18.0	28.5	32.0	14.0	23.0	14.0	23.0	94.0	96.0	-	-	0.1	1.2	NW	NW	-	-	0.8	1.6	12.0	19.0
15	10.0	17.0	28.0	30.0	13.0	24.0	13.0	21.0	94.0	75.0	-	-	-	1.2	NW	NW	-	-	0.6	1.2	12.0	18.0
16	10.0	12.0	27.0	31.0	14.0	27.0	13.5	26.0	94.0	92.0	-	-	0.1	1.0	NW	NW	-	-	0.8	1.0	11.0	13.0
17	13.0	14.0	28.0	33.5	14.0	28.0	13.0	24.5	89.0	74.0	-	-	-	0.9	NW	NW	-	-	0.6	1.0	15.0	14.0
18	14.0	17.0	27.0	32.0	17.5	28.0	16.5	20.0	90.0	45.0	-	-	0.1	1.1	NW	NW	-	-	0.4	0.8	16.0	19.0
19	16.0	19.0	30.0	32.0	18.5	28.0	16.0	25.0	76.0	77.0	-	-	-	1.3	NW	NW	-	-	2.0	1.2	18.0	20.0
20	14.0	15.0	31.0	29.0	15.0	27.0	14.0	27.0	89.0	96.0	-	-	-	1.0	NW	NW	-	-	0.8	1.4	16.0	18.0
21	14.0	19.0	31.0	30.0	16.0	27.0	15.0	25.0	89.0	84.0	-	-	0.1	1.3	NW	NW	-	-	1.0	1.2	16.5	20.0
22	21.0	22.0	31.0	34.0	17.0	27.0	15.0	26.0	80.0	92.0	-	-	0.1	1.4	NW	NW	-	-	1.6	1.4	22.5	23.0
23	11.0	15.0	31.5	33.0	17.0	28.0	16.5	28.0	95.0	96.0	-	-	0.0	1.1	NW	NW	-	-	1.2	1.4	13.0	18.0
24	18.0	17.0	30.0	32.0	15.5	28.0	15.0	28.0	95.0	96.0	-	-	0.1	1.4	NW	NW	-	-	1.2	1.4	20.0	19.0
25	19.0	18.0	32.0	31.0	16.0	28.0	15.0	27.0	89.0	92.0	-	-	-	1.3	NW	NW	-	-	1.4	1.4	20.5	20.0
26	12.0	16.0	30.0	29.5	15.0	27.0	14.0	26.0	89.0	92.0	-	-	0.2	0.4	NW	NW	-	-	1.0	0.6	13.0	17.0
27	11.0	18.0	28.0	29.0	17.0	26.0	14.0	25.0	70.0	92.0	-	-	0.1	1.6	NW	NW	-	-	0.8	0.4	12.0	21.0
28	14.0	18.0	28.0	30.5	18.5	26.0	18.0	26.0	95.0	96.0	-	-	0.2	1.7	NW	NW	-	-	1.4	0.6	25.0	22.0
29	13.0	18.0	29.0	29.5	17.5	27.0	16.0	26.0	85.0	92.0	-	-	0.1	0.6	NW	NW	-	-	0.8	0.8	19.0	27.0
30	13.0	14.0	31.0	33.0	14.0	28.5	14.0	28.0	94.0	96.0	-	-	0.3	1.5	NW	NW	-	-	2.0	1.6	21.0	27.0
31	13.0		31.0		15.0		14.0		89.0		-	-	0.1		NW		-	-	1.6		28.0	
Total	405.5	518.5	908.5	955.0	477.5	741.5	436.0	691.0	2645.0	2638.0	-	-	3.5	36.8			-	-	28.8	36.0	488.5	581.5
Average	13.1	16.7	29.3	30.8	15.4	23.9	14.1	22.3	85.3	85.1	-	-	0.1	1.2			-	-			15.8	18.8
	14.9		30.1		19.7		18.2		85.2		0.0		0.7				0.0		64.8		17.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
- 0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	15.0	16.0	31.0	35.0	16.0	28.0	15.0	27.0	85.0		1.0	1.5	1.5		NW				2.0		25.0	
2	15.0	16.0	30.0	34.0	17.0	29.0	16.0	28.0	90.0	92.0	2.0	2.0	0.5	SW	NE				2.0	2.2	21.0	25.0
3	17.0	16.0	31.0	32.0	16.0	31.0	15.0	30.0	89.0	93.0	2.0	2.0	0.3	SSW	NNE				1.5	2.0	20.5	25.0
4	18.0	16.5	32.0	31.0	15.0	33.0	15.0	32.0	94.0	93.0	1.5	1.0	0.6	SW	NE				1.2	2.0	22.0	28.0
5	16.0	17.0	31.0	31.0	15.0	32.0	15.0	32.0	94.0	96.0	1.0	1.5	0.4	2.5	SW	NE			2.4	1.8	23.0	27.0
6	17.0	16.5	30.0	30.5	16.0	29.0	15.0	28.0	89.0	92.0	2.0	1.0	0.1	0.1	SW	NNE			2.2	2.6	20.0	30.0
7	15.0	17.0	29.0	31.0	14.0	29.0	14.0	28.0	94.0	92.0	2.0	2.0	0.1	1.5	NE	NE			2.0	2.0	24.0	32.0
8	14.0	16.0	30.0	30.0	18.0	32.0	17.0	30.0	90.0	86.0	2.0	2.0	0.4	1.6	SW	NE			2.5	2.0	25.0	30.5
9	16.0	18.0	31.5	31.0	19.0	31.5	18.0	30.0	90.0	89.0	2.0	1.5	0.9	1.6	SW	NE			2.4	1.8	23.0	32.0
10	18.0	18.0	33.0	31.5	20.0	21.0	20.0	20.0	95.0	91.0		1.2	0.4	1.2	SSW	SW			1.2	2.4	20.0	33.0
11	18.0	20.0	30.5	31.0	16.0	27.0	15.0	26.0	89.0	92.0	1.3	1.5	0.1	1.6	SW	SE			1.5	2.0	22.0	34.0
12	14.0	19.0	28.0	31.0	16.0	25.0	15.0	24.0	89.0	92.0	2.0	1.1	0.2	1.3	NNE	SSE			1.5	1.6	19.0	30.0
13	16.0	22.0	31.0	32.0	15.0	22.0	15.0	21.0	94.0	91.0	1.9	2.0	0.1	1.4	SE	NE			2.5	1.1	21.0	34.0
14	15.0	21.0	29.0	31.0	14.0	22.0	14.0	21.0	94.0	91.0	1.5	1.2	0.5	1.5	SSE	NNE			2.0	1.5	22.0	34.0
15	17.0	22.0	30.0	30.0	19.0	27.0	18.0	25.0	90.0	93.0	1.3	1.6	1.1	5.0	SW	SSE			2.2	1.8	24.0	28.0
16	22.0	21.0	34.0	31.0	20.0	30.0	19.0	29.0	91.0	93.0	1.5	1.5	0.5	1.4	SSE	NE			2.2	1.0	25.0	32.0
17	15.0	20.0	30.0	31.0	20.0	31.0	19.0	30.0	91.0	93.0	1.5	2.0	0.2	1.4	SW	NE			2.4	2.5	24.0	33.0
18	22.0	22.0	30.0	30.0	15.0	33.0	15.0	32.0	94.0	93.0	1.0	1.5	0.3	1.4	SW	NE			2.0	2.2	25.5	35.0
19	22.0	19.0	30.0	30.0	20.0	33.0	19.0	32.0	91.0	93.0	1.0	1.0	0.2	1.4	SW	NE			2.4	2.0	24.0	34.0
20	22.0	22.0	32.0	33.0	21.0	30.0	20.0	29.0	91.0	93.0	1.0	1.0	0.1	1.9	SW	SW			2.2	1.0	25.0	34.0
21	17.0	21.0	31.0	38.0	19.0	32.0	18.0	29.0	90.0	93.0	1.0	0.5	0.1	1.4	SW	SE			3.0	1.0	23.0	32.0
22	18.0	21.0	33.0	38.0	19.0	29.0	18.0	28.0	90.0	92.0	1.0	1.0	1.1	1.4	SW	NE			1.0	1.5	23.0	33.0
23	22.0	19.0	31.0	33.0	18.0	28.0	17.0	27.0	90.0	92.0	1.5	1.0	0.3	1.4	NE	NE			1.0	1.4	24.0	34.0
24	22.0	22.0	32.0	33.0	18.0	28.0	18.0	28.0	90.0	92.0	1.0	1.5	0.5	0.3	NW	NW			1.0	1.3	24.0	32.0
25	21.0	20.0	30.0	32.0	19.0	28.0	17.0	27.0	90.0	96.0	1.0	1.5	0.5	1.8	NE	NE			1.5	1.0	23.0	30.0
26	15.0	22.0	34.0	31.0	18.0	30.0	17.0	27.0	90.0	93.0	1.0	1.2	0.3	1.5	NNE	NNE			1.4	1.2	22.0	29.0
27	16.0	18.0	35.0	32.0	20.0	31.0	20.0	30.0	91.0	67.0	1.2	1.0	0.7	0.5	SW	SW			1.5	1.3	23.0	28.0
28	20.0	30.0	30.0		20.0		20.0		95.0		1.0		0.5		SE				1.2		23.0	
Total	495.0	533.0	869.0	898.0	493.0	809.5	474.0	770.0	2554.0	2550.0	38.2	37.8	10.5	39.3					51.9	48.2	638.0	863.5
Average	17.7	19.0	31.0	32.1	17.6	28.9	16.9	27.5	91.2	91.1	1.4	1.4	0.4	1.4							22.8	30.8
	18.4		31.6		23.3		22.2		91.1		1.4		0.9				0.0		100.1		26.8	

Twice Daily Climatic Data

Station Code : EMR000A4
Local River/Basin : Palri

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
-0.0 .. N.A.

MARCH 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.0		32.0																		
1	19.0	21.0	31.0	33.0	20.0	31.0	19.0	24.0	91.0	55.0	-	-	0.1	1.3	NW	NE	-	-	1.8	2.0	20.5	26.0
2	19.0	16.0	32.0	39.0	20.0	35.0	19.0	35.0	91.0	96.0	-	-	0.1	2.1	NW	NE	-	-	2.0	2.4	21.0	34.0
3	20.0	22.0	33.0	33.0	22.0	34.0	21.0	34.0	91.0	96.0	-	-	0.3	1.8	NW	NW	-	-	1.2	2.0	22.0	34.0
4	21.0	22.5	31.0	34.0	24.0	35.0	23.0	34.0	91.0	93.0	-	-	0.5	2.5	NW	NW	-	-	2.4	1.8	23.0	33.0
5	19.0	21.0	30.0	32.0	23.0	34.0	21.0	30.0	83.0	74.0	-	-	0.2	3.0	NE	NW	-	-	2.0	2.0	22.0	34.0
6	20.0	21.0	37.0	32.0	25.0	33.0	22.0	33.0	76.0	96.0	-	-	0.1	2.3	NE	NW	-	-	2.2	2.6	23.0	33.0
7	18.0	19.0	29.0	31.0	31.0	23.0	22.0	22.0	44.0	91.0	-	-	0.1	1.5	NW	NE	-	-	2.0	2.0	20.0	33.0
8	17.0	21.0	29.0	33.0	19.0	19.0	18.0	18.0	90.0	90.0	-	-	0.6	1.4	NW	NE	-	-	2.5	2.0	20.0	18.0
9	23.0	25.0	30.0	32.0	24.0	24.0	23.0	23.0	91.0	91.0	-	-	0.1	3.1	NW	NE	-	-	1.2	2.0	25.0	35.0
10	23.0	23.0	35.0	31.0	26.0	32.0	26.0	30.5	96.0	89.0	-	-	0.1	2.2	NW	NE	-	-	2.4	0.8	25.0	30.5
11	20.0	23.0	32.0	33.0	21.0	34.0	20.0	33.0	91.0	93.0	2.0	-	0.3	3.2	NW	NE	-	-	1.2	2.4	23.0	32.0
12	19.0	22.0	32.0	33.0	20.0	33.0	19.0	32.0	91.0	93.0	-	-	0.3	1.9	NW	NE	-	-	1.6	2.0	19.0	35.0
13	19.0	23.0	33.0	34.0	19.0	34.0	18.0	33.0	90.0	93.0	-	-	0.2	1.7	NE	NW	-	-	2.0	2.0	22.0	36.0
14	20.0	23.5	31.0	33.0	22.0	34.0	19.0	34.0	74.0	96.0	-	-	0.2	1.9	NE	NW	-	-	1.8	2.0	19.0	35.0
15	19.0	22.0	30.0	34.0	25.0	34.0	20.0	33.0	61.0	93.0	-	-	0.1	1.5	NW	NE	-	-	1.4	1.8	20.0	34.0
16	19.0	22.0	29.5	33.0	20.0	34.0	18.0	33.0	81.0	93.0	-	-	0.2	1.4	NW	NE	-	-	1.6	2.0	18.0	31.0
17	18.0	24.0	31.0	38.0	19.0	34.0	18.0	33.0	90.0	93.0	-	-	0.1	3.6	NE	NE	-	-	1.8	2.8	23.0	34.0
18	20.0	29.0	30.0	38.0	23.0	33.0	20.0	30.0	75.0	36.0	2.0	-	0.2	1.6	NE	NE	-	-	3.2	1.2	21.0	35.0
19	19.0	28.0	37.0	35.0	23.0	32.0	21.0	30.0	83.0	86.0	-	-	0.1	3.0	NE	NW	-	-	2.0	1.6	22.0	24.0
20	18.0	26.0	29.0	35.0	23.0	31.0	22.0	30.0	91.0	93.0	-	-	1.3	1.7	NW	NW	-	-	2.2	1.8	24.0	23.0
21	19.0	27.0	30.0	33.0	25.0	33.0	24.0	22.0	92.0	36.0	-	-	0.1	1.6	NW	NW	-	-	2.4	2.0	29.0	35.0
22	19.0	20.0	31.0	38.0	23.0	35.0	22.0	22.0	91.0	30.0	-	-	0.1	1.6	NW	NW	-	-	2.6	2.8	23.0	35.5
23	21.0	26.0	37.0	42.0	24.0	37.0	17.0	23.0	46.0	28.0	-	-	0.0	1.5	NW	NE	-	-	3.0	2.8	24.0	36.5
24	22.0	26.0	40.0	43.0	26.0	37.0	19.0	24.0	49.0	32.0	-	-	0.0	1.9	NE	NE	-	-	3.2	2.6	25.5	37.0
25	23.0	27.0	41.0	43.0	27.0	38.0	20.0	24.0	50.0	28.0	-	-	0.1	1.8	NE	NE	-	-	3.4	3.0	23.0	36.0
26	22.0	23.0	40.0	40.0	22.0	36.0	19.0	24.0	74.0	34.0	-	-	0.1	1.2	NE	NE	-	-	2.8	3.0	26.0	35.0
27	23.0	24.0	41.0	42.0	27.0	35.0	21.0	22.0	56.0	30.0	-	-	0.1	1.7	NE	NE	-	-	2.4	2.4	26.0	36.0
28	23.0	26.0	42.0	44.0	27.0	36.0	19.0	25.0	44.0	38.0	-	-	0.1	1.9	NW	NE	-	-	2.8	3.2	26.0	37.0
29	23.0	26.0	43.0	43.0	28.0	37.0	27.5	26.0	96.0	40.0	-	-	0.1	1.9	NW	NE	-	-	2.8	3.0	26.0	37.0
30	24.0	23.0	44.0	44.0	27.0	39.0	26.0	24.0	92.0	27.0	-	-	0.1	3.1	NW	NE	-	-	3.0	3.2	26.0	37.0
31	23.0		38.0		28.0		26.0				-	-	0.2		NW		-	-	3.0		26.0	
Total	632.0	717.0	1051.5	1122.0	733.0	996.0	649.5	831.5	2361.0	2063.0	4.0	4.0	6.0	60.9			-	-	69.9	67.2	713.0	991.5
Average	20.4	23.1	33.9	36.2	23.6	33.2	21.0	27.7	78.7	68.8	0.1	0.1	0.2	2.0			0.0				23.0	33.1
	21.8		35.1		28.4		24.3		73.7		0.1		1.1				0.0		137.1		28.0	

Twice Daily Climatic Data

Station Code : EMR00A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMSD,CWC,Raipur
-0.0 .. N.A.

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	30.0	30.0	44.0	44.0	29.0	37.0	22.0	24.0	52.0	32.0	-	-	0.2	2.2	NW	NW	-	-	2.0	2.0	26.5	37.5
2	30.0	32.0	43.0	43.0	28.5	38.0	23.0	25.0	64.0	32.0	-	-	0.1	2.5	NW	NW	-	-	1.8	2.8	26.0	37.5
3	30.0	30.0	41.0	43.0	35.0	38.0	23.0	24.0	28.0	34.0	-	-	0.2	3.6	NW	NW	-	-	2.8	3.2	27.5	37.0
4	30.0	31.0	40.0	43.0	30.0	37.0	23.5	24.0	53.0	32.0	-	-	0.5	2.4	NW	NW	-	-	3.2	2.8	27.0	36.0
5	31.0	31.0	43.0	44.0	31.0	40.0	24.0	25.0	46.0	27.0	-	-	0.8	3.5	NW	NW	-	-	2.8	1.6	28.0	38.0
6	32.0	31.0	42.0	45.0	31.0	39.0	24.5	26.0	46.0	32.0	-	-	0.5	3.9	NW	NW	-	-	3.6	2.0	28.5	37.0
7	30.0	31.0	42.0	40.0	31.0	41.0	22.0	23.0	44.0	19.0	-	-	0.4	3.6	NW	NW	-	-	3.2	3.2	27.0	39.0
8	30.0	32.0	44.0	43.0	30.0	42.0	21.0	24.0	42.0	19.0	-	-	0.1	2.0	NW	NE	-	-	3.2	3.4	26.0	40.0
9	24.0	29.0	44.0	43.0	29.0	39.0	21.0	21.0	46.0	56.0	-	-	0.1	2.0	NE	NE	-	-	2.8	2.8	26.5	37.5
10	22.0	21.0	42.0	41.0	26.0	37.0	18.5	21.0	49.0	20.0	-	-	0.4	2.0	NE	NE	-	-	3.6	2.4	25.0	36.5
11	19.0	26.0	40.0	42.0	26.0	36.0	19.0	22.0	49.0	26.0	-	-	0.1	2.0	NE	NE	-	-	3.2	3.2	23.0	36.0
12	21.0	29.0	39.0	43.0	21.0	37.0	19.0	22.0	82.0	24.0	-	-	0.1	1.9	NE	NE	-	-	3.6	3.4	23.5	27.0
13	21.0	25.0	43.0	45.0	29.0	39.0	21.0	23.0	46.0	32.0	-	-	0.3	1.7	NE	NE	-	-	3.8	3.6	25.0	39.0
14	21.0	24.0	40.0	44.0	30.0	38.0	20.0	22.0	36.0	20.0	-	-	0.2	0.5	NE	NE	-	-	3.8	3.8	26.0	38.0
15	24.0	26.0	44.0	45.0	29.0	39.0	22.0	23.0	53.0	23.0	-	-	0.4	3.3	NE	NW	-	-	3.4	4.0	26.5	38.5
16	23.0	26.0	42.0	45.0	28.0	38.0	22.0	22.0	57.0	20.0	-	-	0.3	2.6	NW	NW	-	-	3.6	4.0	27.5	39.0
17	30.0	26.0	40.0	45.0	31.0	40.0	25.0	24.0	61.0	23.0	-	-	0.2	1.9	NW	NW	-	-	3.6	4.2	28.0	40.0
18	30.0	25.0	44.0	46.0	30.0	36.0	22.5	24.0	42.0	34.0	-	-	0.2	2.6	NE	NE	-	-	3.6	4.0	29.0	37.0
19	31.0	26.0	38.0	45.0	31.0	35.0	22.5	25.0	44.0	43.0	-	-	0.3	2.6	NE	NE	-	-	3.8	3.8	27.5	38.0
20	30.0	26.0	37.0	45.0	30.0	42.0	23.5	22.0	53.0	48.0	-	-	0.4	3.9	NE	NE	-	-	3.8	4.0	26.0	40.0
21	25.0	33.0	44.0	45.0	32.0	39.0	23.0	23.0	44.0	23.0	-	-	1.3	4.7	NE	NE	-	-	3.8	3.6	27.5	37.0
22	29.0	33.0	42.0	44.0	32.0	37.0	22.0	22.0	39.0	39.0	-	-	0.4	4.0	NE	NE	-	-	3.6	3.4	27.5	37.5
23	25.0	25.0	42.0	45.0	31.0	40.0	20.0	22.0	34.0	16.0	-	-	0.3	4.0	NE	NE	-	-	4.0	3.6	27.0	37.0
24	25.0	31.0	43.0	44.0	31.0	40.0	20.0	22.0	39.0	16.0	-	-	0.4	5.9	NE	NE	-	-	3.6	3.4	27.0	37.5
25	26.0	24.0	41.0	43.0	30.0	39.0	20.0	20.0	36.0	13.0	-	-	0.5	4.6	NE	NE	-	-	3.6	3.6	27.5	35.5
26	24.0	25.0	43.0	42.0	30.0	40.0	20.0	23.0	36.0	20.0	-	-	0.4	2.7	NE	NE	-	-	3.2	4.0	26.0	37.0
27	25.0	24.0	43.0	43.0	31.0	39.0	21.0	24.0	39.0	27.0	-	-	0.3	2.1	NE	NW	-	-	3.6	3.6	27.0	38.0
28	24.0	30.0	42.0	44.0	30.0	40.0	20.0	22.0	36.0	16.0	-	-	0.3	2.5	NE	NE	-	-	4.0	4.0	25.5	39.0
29	24.0	24.0	42.0	45.0	31.0	41.0	21.0	23.0	39.0	22.0	-	-	0.4	2.8	NE	NE	-	-	3.6	3.6	26.0	39.0
30	24.0	43.0			31.0		21.0		39.0		-	-	0.3		NE		-	-	3.8		27.0	
Total	790.0	828.0	1257.0	1309.0	894.5	1151.0	647.0	692.0	1374.0	822.0	-	-	10.1	85.5			-	-	102.2	100.4	798.0	1123.5
Average	26.3	27.6	41.9	43.6	29.8	38.4	21.6	23.1	45.8	27.4	-	-	0.3	2.9			-	-			26.6	37.5
	27.0		42.8		34.1		22.3		36.6		0.0		1.6				0.0		202.6		32.0	

• One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMR000A4
Local River/Basin : Pairi

Station Name : Baronda
Sub-Division : UMDS,CWC,Raipur
- 0.0 - N.A.

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	24.0	29.0	44.0	45.0	30.0	37.0	20.0	24.0	36.0	37.0	-	-	0.9	1.2	NE	NE	-	-	4.0	4.0	26.0	40.0
2	25.0	32.0	44.5	43.0	30.5	37.0	22.5	25.0	49.0	36.0	-	-	0.9	2.8	SE	NE	-	-	4.0	4.0	26.5	37.0
3	31.0	30.0	40.0	44.0	30.0	40.0	22.5	24.0	50.0	23.0	-	-	0.1	2.0	SE	NE	-	-	2.8	3.6	28.0	39.0
4	30.0	31.0	44.0	44.0	33.0	40.0	22.5	24.0	36.0	23.0	-	-	0.4	2.4	NE	SE	-	-	3.6	3.8	28.5	40.0
5	28.5	35.0	44.0	46.0	39.5	39.0	24.0	25.0	27.0	27.0	-	-	0.1	2.6	NE	NE	-	-	4.0	3.6	29.5	38.5
6	28.0	31.0	42.0	46.0	39.5	33.5	24.0	22.0	27.0	36.0	-	-	0.4	3.7	NE	NE	-	-	3.6	3.2	29.0	36.0
7	29.0	26.0	43.0	42.0	38.0	39.0	23.0	25.0	24.0	30.0	-	-	1.5	3.2	NW	SW	-	-	3.6	3.6	28.0	38.5
8	25.0	25.0	41.5	42.0	32.0	32.0	22.0	23.0	39.0	44.0	-	-	0.9	3.6	NW	SE	-	-	4.0	3.2	28.5	31.0
9	25.0	32.0	41.5	44.0	32.5	36.0	22.0	22.5	41.0	30.0	-	-	0.1	6.7	SW	NW	-	-	2.8	2.8	29.5	38.0
10	25.0	31.5	42.0	42.5	30.5	38.5	27.0	26.0	76.0	38.0	-	-	1.2	2.6	NW	SW	-	1.0	2.0	3.2	27.5	39.0
11	27.0	31.0	41.0	43.0	31.0	33.0	24.5	24.0	58.0	46.0	-	-	0.0	3.3	SE	NW	-	-	2.8	2.4	29.0	37.0
12	26.0	34.0	40.0	43.0	29.0	33.5	24.0	25.0	64.0	48.0	-	-	0.8	2.7	NW	SW	-	2.2	0.8	3.4	28.0	37.0
13	28.0	33.0	40.0	42.0	30.0	33.0	24.0	27.0	59.0	62.0	-	-	0.2	3.7	SW	NW	-	-	4.0	1.6	30.0	36.0
14	27.0	32.0	40.0	42.0	31.0	42.0	25.0	26.5	61.0	29.0	-	-	0.1	3.1	NW	NW	-	-	2.0	4.4	28.0	39.5
15	29.0	30.0	40.0	43.5	30.0	43.0	24.0	26.0	59.0	27.0	-	-	0.2	4.8	NW	NW	-	-	2.8	4.8	29.0	40.0
16	30.5	32.0	35.0	45.0	32.0	43.0	24.0	25.0	49.0	21.0	-	-	0.3	4.1	SW	SW	-	-	3.6	4.0	30.0	40.0
17	30.0	37.0	43.0	46.0	35.0	42.0	23.0	23.0	34.0	16.0	-	-	0.3	4.0	SW	NW	-	-	5.2	4.8	30.0	39.5
18	32.0	37.0	43.0	47.0	36.5	43.0	24.5	25.5	34.0	24.0	-	-	0.6	2.5	NE	NW	-	-	4.4	4.0	30.5	39.5
19	30.0	35.0	45.0	45.0	34.0	41.5	26.0	26.0	51.0	29.0	-	-	0.3	2.9	NW	NW	-	-	3.6	6.0	30.0	40.0
20	30.0	35.0	38.0	47.5	35.0	42.5	25.0	24.0	43.0	19.0	-	-	0.2	3.8	SW	SW	-	-	4.4	3.2	29.5	35.5
21	29.0	36.0	45.0	47.5	34.5	42.5	22.0	24.5	34.0	19.0	-	-	0.9	3.8	NW	NW	-	-	4.4	4.8	29.0	39.0
22	27.0	35.5	45.0	47.0	34.5	41.5	21.0	26.0	27.0	29.0	-	-	0.2	3.7	SW	NE	-	-	3.6	4.0	28.0	38.5
23	29.0	38.0	45.0	43.0	35.0	41.0	22.0	26.0	30.0	29.0	-	-	0.3	3.3	NW	SW	-	-	3.6	3.8	29.5	36.0
24	28.0	32.0	40.0	48.0	34.0	42.0	21.0	24.0	27.0	19.0	-	-	0.0	2.8	SW	SW	-	-	4.0	3.6	28.0	39.0
25	30.0	36.5	41.0	41.0	34.0	41.0	24.0	24.5	41.0	25.0	-	-	0.2	3.6	SW	NW	-	-	4.4	4.0	29.5	39.0
26	30.0	37.0	44.0	45.0	35.0	40.0	25.5	24.0	45.0	23.0	-	-	0.5	3.6	SE	SW	-	-	4.0	3.6	31.0	38.0
27	30.0	36.0	42.0	46.0	35.0	43.0	25.0	26.0	45.0	24.0	-	-	2.0	3.2	SW	SW	-	-	4.0	3.6	30.0	41.0
28	32.0	31.0	46.0	42.0	31.0	39.0	25.0	26.0	61.0	34.0	-	-	4.0	4.4	SW	SW	-	-	4.0	3.8	29.0	38.5
29	30.0	31.0	45.0	43.0	30.0	38.0	24.0	26.0	59.0	36.0	-	-	1.7	3.4	NW	NW	-	-	4.0	2.8	28.0	37.0
30	26.0	31.0	43.0	42.0	30.0	37.0	24.0	25.0	59.0	36.0	-	-	1.4	3.4	NW	SW	-	-	5.6	3.6	29.0	37.0
31	26.0	39.0	-	-	29.0	-	24.0	-	-	-	-	-	0.2	-	SW	-	-	-	3.6	-	31.5	-
Total	877.0	1006.5	1290.5	1371.0	1021.0	1214.5	731.0	767.5	1409.0	930.0	12.0	10.0	20.6	103.0	-	-	1.8	1.8	113.2	115.0	897.5	1180.5
Average	28.3	32.5	41.6	44.2	32.9	39.2	23.6	24.8	45.5	30.0	0.4	0.3	0.7	3.3	-	-	5.0	-	228.2	-	29.0	38.1
	30.4	-	42.9	-	36.1	-	24.2	-	37.7	-	0.4	-	2.0	-	-	-	-	-	-	-	33.5	-

Twice Daily Climatic Data

Station Code : EM0000U7

Local River/Basin : Mahanadi

Station Name : Rajpi
Sub-Division : Raip

JUNE 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)			
	Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30			
LPOPM																								
1		33.0	37.0	43.0	47.0	36.0	48.0	27.0	36.0	48.0	44.0	2.0	-	1.1	4.4	SW	SW	-	-	4.4	5.6	30.5	38.0	
2		32.0	37.0	42.0	47.0	30.0	42.0	26.0	37.0	16.0	72.0	-	-	1.4	3.9	SE	NE	-	-	4.0	4.4	30.0	38.0	
3		34.0	38.0	43.0	46.0	37.0	43.0	27.0	37.0	44.0	67.0	-	4.0	1.5	4.5	SW	SW	-	-	4.0	3.6	30.0	38.0	
4		31.0	34.0	42.0	44.0	32.0	38.0	26.0	32.0	61.0	64.0	-	-	2.9	3.6	SW	SE	-	-	4.4	4.4	29.0	37.0	
5		32.0	36.0	40.0	44.0	36.0	38.0	31.0	35.0	69.0	81.0	-	-	2.6	4.0	SE	SW	-	-	3.6	4.0	28.0	35.0	
6		33.0	38.0	41.0	44.0	35.0	37.0	28.0	29.0	57.0	53.5	2.0	2.0	2.2	4.5	SW	SE	-	-	3.6	2.4	30.0	38.0	
7		32.0	37.0	40.0	44.0	34.0	39.0	28.0	30.0	62.0	50.5	2.0	-	3.8	4.2	NW	SW	-	-	4.8	4.0	30.0	38.0	
8		29.0	33.0	42.0	43.0	30.0	39.0	28.0	28.0	85.0	41.0	2.0	2.0	4.4	5.2	SW	SW	4.0	-	0.4	1.6	27.5	36.5	
9		31.0	34.0	39.0	41.0	32.0	37.0	28.0	28.5	73.0	51.0	2.0	2.0	6.4	7.3	SW	SW	-	-	4.4	5.6	28.0	34.5	
10		32.0	37.0	39.0	44.0	34.0	40.0	28.0	29.0	62.0	42.0	2.0	2.0	4.6	7.6	SW	SE	-	-	2.8	3.2	27.5	32.0	
11		33.5	33.0	41.0	46.0	30.0	36.0	28.5	29.0	89.0	43.0	2.0	2.0	4.5	7.7	SE	SW	-	-	4.0	4.8	29.5	31.0	
12		29.0	30.0	39.0	43.0	31.0	32.0	26.5	27.0	69.0	55.0	2.0	-	6.5	6.3	SW	SW	-	-	2.0	4.4	27.5	34.0	
13		31.0	32.0	34.0	42.0	33.0	34.0	27.0	28.0	61.5	46.0	2.0	-	4.0	7.5	SW	NW	-	-	2.4	4.4	27.0	34.0	
14		29.0	29.0	35.0	42.0	31.0	38.0	26.5	28.0	69.0	45.0	-	2.0	3.1	7.7	NW	NW	-	-	0.4	1.2	28.0	36.0	
15		32.0	37.0	40.0	43.0	35.0	40.0	30.0	34.0	68.5	66.0	2.0	2.0	6.2	7.6	SW	NE	-	-	4.8	4.8	30.0	34.0	
16		34.0	34.0	41.0	45.0	36.0	39.0	28.0	29.0	53.0	85.0	-	-	4.2	4.4	SW	NE	-	-	5.2	2.0	0.4	28.5	35.0
17		29.0	31.0	36.0	37.0	31.0	36.0	29.0	29.0	85.5	58.0	-	2.0	1.5	3.1	SE	SW	-	-	4.0	1.6	27.0	33.0	
18		34.0	35.0	36.0	37.0	27.0	32.0	26.0	28.0	92.0	73.0	-	-	2.9	2.8	SW	SW	-	-	0.4	0.4	26.0	34.5	
19		31.0	33.5	33.0	36.0	29.0	30.0	26.0	29.0	78.0	93.0	-	-	1.2	3.3	SW	SW	-	-	0.4	1.2	28.5	32.5	
20		28.0	31.0	36.0	38.0	30.0	33.0	26.0	27.5	72.0	62.0	-	-	1.0	3.8	SW	SW	-	-	0.4	1.2	29.5	37.5	
21		30.0	35.0	35.0	40.5	31.5	35.0	28.0	29.5	76.0	54.5	2.0	2.0	3.2	4.1	SW	SW	-	-	4.4	4.0	29.0	39.0	
22		31.0	34.0	38.5	42.0	32.5	36.0	30.0	30.0	86.0	63.0	2.0	-	2.6	4.4	SW	SW	-	-	4.0	3.6	30.0	38.0	
23		31.0	33.0	40.0	42.0	33.0	33.5	30.0	31.0	79.5	86.0	-	-	2.6	3.2	SW	SW	-	-	4.4	2.0	30.0	34.0	
24		32.5	33.0	35.0	35.5	29.0	30.0	28.0	29.0	92.0	78.0	-	-	3.2	2.3	SW	SW	-	-	4.4	2.0	26.0	32.0	
25		28.0	32.0	32.0	39.0	31.0	35.0	30.0	31.0	96.0	74.5	2.0	-	3.0	2.8	SW	SW	-	-	2.8	1.6	28.5	37.5	
26		28.0	32.0	37.0	39.0	30.0	34.0	28.0	29.0	85.0	68.0	2.0	2.0	3.1	2.2	SW	SW	-	-	2.0	2.8	28.5	34.0	
27		31.5	32.0	36.5	38.0	29.0	33.0	27.0	28.0	85.0	67.5	-	-	1.9	3.4	SW	SW	-	-	0.4	2.0	28.0	36.0	
28		29.0	33.0	35.0	36.0	28.0	30.0	27.5	27.5	96.0	78.0	2.0	2.0	4.2	1.2	SW	SW	6.8	-	1.6	0.4	27.5	35.0	
29		28.0	32.0	31.0	35.0	29.0	32.0	28.0	28.0	92.0	73.0	2.0	2.0	4.7	1.9	SW	SE	-	-	2.4	2.8	29.0	35.0	
30		28.0		33.0		29.0		28.0		92.0		2.0		3.1		SE		-	-	2.4		28.0		
Total		926.5	982.5	1129.0	1200.0	951.0	1049.5	835.0	873.0	2194.0	1834.5	34.0	28.0	97.5	128.8			10.8	20.8	86.0	84.4	856.5	1027.0	
Average		30.9	33.9	37.6	41.4	31.7	36.2	27.8	30.1	73.1	63.3	1.1	1.0	3.3	4.4			0.4	0.7			28.6	35.4	
		32.4		39.5		33.9		29.0		68.2		1.0		3.8				0.5		170.4		32.0		

* : One or more data missing LDOPM : Last day of previous mon

Twice Daily Climatic Data

Station Code : EM0000U7
Local River/Basin : Mahanadi

Station Name : Rajji
Sub-Division : Raipet

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	29.0	34.0	35.0	40.0	32.0	32.0	28.0	30.0	86.0	73.0	-	2.0	7.2	5.4	SE	SW	-	-	2.8	2.8	29.5	35.5
2	28.0	30.0	34.0	35.0	29.0	32.0	27.0	30.0	85.0	86.0	2.0	-	5.5	6.0	SW	SW	-	-	5.2	2.0	28.0	32.0
3	26.0	27.0	30.0	33.0	26.0	28.0	25.5	27.0	96.0	92.0	4.0	2.0	5.1	7.1	SW	SW	3.2	-	2.0	2.4	26.0	26.0
4	26.0	27.0	28.0	29.0	27.0	28.0	26.0	27.0	92.0	92.0	2.0	2.0	6.0	6.4	SW	SW	-	-	0.4	1.6	26.0	26.0
5	26.0	27.0	28.0	30.0	27.0	28.0	26.0	26.0	92.0	85.0	2.0	2.0	7.1	8.6	SW	SW	2.4	-	1.6	0.4	25.5	29.0
6	26.0	26.0	29.0	31.0	26.0	29.0	25.0	27.0	92.0	85.0	2.0	2.0	7.0	7.8	SW	SW	1.6	1.2	2.6	2.9	25.0	26.0
7	25.0	25.0	28.0	29.0	25.0	25.5	24.0	25.0	92.0	96.0	4.0	2.0	6.9	9.2	SW	SW	10.0	4.8	1.6	1.2	25.0	28.0
8	25.0	25.0	29.0	29.0	25.0	25.5	24.0	24.0	96.0	92.0	2.0	2.0	8.0	5.6	SW	SW	3.2	0.8	1.2	1.6	25.0	25.0
9	24.0	25.0	26.0	30.0	26.0	26.0	25.0	25.0	96.0	96.0	-	2.0	5.9	6.7	SW	SW	4.0	-	1.2	0.4	24.5	29.0
10	25.0	26.0	28.0	28.0	26.0	27.0	25.0	25.0	96.0	84.0	-	2.0	6.2	6.2	SW	SW	-	-	0.4	0.4	25.0	26.5
11	25.0	26.0	27.0	29.0	25.5	26.0	25.0	25.0	95.5	92.0	2.0	2.0	5.6	4.6	SW	SE	-	1.6	1.2	0.4	24.0	27.0
12	25.0	26.0	26.0	28.0	27.0	27.0	25.0	25.0	84.0	84.0	2.0	2.0	6.1	8.5	SW	SW	-	-	0.8	1.2	25.0	27.0
13	25.0	26.5	27.0	31.0	26.0	29.0	25.0	28.0	96.0	92.0	2.0	2.0	7.0	5.7	SW	SW	-	-	1.2	0.8	25.0	30.0
14	27.0	28.0	30.0	31.0	28.5	30.0	28.0	28.0	92.5	85.0	-	2.0	3.7	6.1	NW	SW	-	-	1.2	2.0	27.0	31.0
15	28.0	28.0	34.0	36.0	28.0	30.0	27.0	28.0	85.0	92.0	-	2.0	4.8	5.8	SE	NW	-	2.0	2.0	1.6	27.0	30.0
16	27.0	27.0	29.0	30.0	27.0	27.0	26.0	27.0	92.0	92.0	-	2.0	2.6	5.6	SW	SW	0.8	-	2.0	0.4	27.0	29.0
17	26.5	28.0	29.5	31.0	28.5	28.5	28.0	28.0	96.0	96.0	2.0	2.0	2.7	5.8	SW	SW	0.8	-	3.2	1.2	27.0	31.0
18	26.0	26.0	30.0	31.0	25.5	28.0	25.0	26.5	96.0	88.0	2.0	2.0	3.7	4.6	SW	NW	-	-	0.4	1.6	25.0	30.5
19	26.0	26.5	31.0	31.0	26.0	29.0	25.5	28.0	96.0	92.0	2.0	2.0	3.7	5.5	SW	SW	-	-	2.0	2.4	25.5	31.0
20	26.0	27.5	30.0	34.0	27.0	27.5	26.5	27.0	96.0	96.0	-	2.0	4.9	3.9	SW	NW	-	-	0.8	0.4	26.0	31.0
21	26.5	27.5	29.0	34.0	27.0	32.0	26.5	29.0	96.0	79.0	-	-	1.9	2.5	SE	NW	-	-	0.4	0.8	26.0	34.0
22	26.0	28.0	32.0	33.0	26.0	31.0	26.0	29.0	92.0	85.5	-	-	1.5	1.0	NE	NW	0.4	-	2.0	1.6	27.0	34.0
23	27.0	29.0	32.0	36.0	28.0	31.0	27.0	28.0	92.0	78.5	-	-	2.2	2.6	SE	SE	-	-	1.6	2.0	28.0	35.0
24	27.0	29.0	32.0	35.0	28.0	29.0	27.0	27.5	89.0	92.0	-	2.0	1.6	2.3	SE	SW	-	4.8	3.2	3.6	28.0	33.0
25	27.0	30.0	31.5	34.0	29.0	30.0	27.0	27.0	85.0	78.0	2.0	2.0	1.7	4.0	SW	NE	-	-	0.8	0.8	28.0	33.0
26	26.5	29.5	31.0	32.5	27.5	29.5	27.0	27.5	85.0	96.0	-	-	1.8	3.9	SW	SW	-	9.6	1.2	1.6	27.5	30.5
27	26.0	30.0	30.0	35.0	29.0	30.0	27.0	28.0	85.0	85.0	2.0	2.0	2.1	4.1	SW	SE	-	7.6	0.4	2.0	27.0	30.0
28	26.0	32.0	31.0	36.0	30.0	33.0	28.0	32.0	85.0	93.0	2.0	-	1.3	4.1	NE	SW	-	-	1.2	1.2	28.0	36.0
29	26.5	29.0	33.0	34.0	27.0	31.0	26.0	29.0	92.0	85.5	2.0	-	3.2	3.7	SW	SW	2.4	-	1.6	-	27.0	33.0
30	27.0	31.0	31.0	32.0	31.0	33.0	30.0	32.0	93.0	93.0	-	-	2.5	2.4	SW	SW	-	-	0.4	3.2	27.0	34.0
31	27.5		33.0		28.0		27.0		92.0		-	2.2			SW		0.6		0.8		28.0	
Total	814.5	866.5	934.0	1003.5	848.5	906.5	815.0	854.5	2838.0	2723.5	38.0	44.0	131.7	157.8			29.4	32.4	47.4	46.1	819.5	950.0
Average	26.3	28.0	30.1	32.4	27.4	29.2	26.3	27.6	91.5	87.9	1.2	1.4	4.2	5.1			0.9	1.0			26.4	30.6
	27.1	31.3			28.3		26.9		89.7		1.3		4.7				1.0		93.5		28.5	

* : One or more data missing LdPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000U7
Local River/Basin : Mahanadi

Station Name : Rajji
Sub-Division : Raip

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	29.5	29.5	33.0	33.0	28.5	32.5	28.0	32.0	96.0	96.0	2.0	4.8	3.3	4.1	NW	NW	-	-	0.8	1.2	27.5	33.5
1	28.0	29.0	33.0	33.0	28.5	32.5	28.0	32.0	96.0	96.0	2.0	4.1	3.3	4.1	NW	NW	-	-	1.6	1.2	27.5	32.0
2	27.5	28.0	31.0	31.5	28.0	28.5	27.0	28.0	96.0	96.0	2.0	6.3	3.3	6.3	NW	NW	-	-	2.4	1.6	27.0	29.0
3	27.0	28.0	30.0	33.0	27.0	28.0	26.5	27.0	96.0	96.0	2.0	5.4	5.2	5.4	SW	SW	-	-	3.0	0.8	25.5	29.0
4	26.0	26.5	29.0	34.0	26.5	27.0	26.0	26.0	96.0	96.0	2.0	4.8	5.3	4.8	NW	NW	1.2	0.4	2.4	2.4	25.5	27.5
5	24.0	25.0	26.0	26.5	24.5	25.0	24.0	24.0	96.0	96.0	2.0	5.5	6.2	5.5	SW	SW	32.8	0.4	1.6	1.2	24.5	25.0
6	24.5	25.0	25.0	25.5	25.0	25.5	24.5	25.0	96.0	96.0	2.0	4.7	4.7	4.7	SW	SW	2.8	-	1.2	1.6	24.5	25.0
7	24.5	25.0	28.5	25.0	26.0	24.5	24.5	25.0	96.0	96.0	2.0	7.1	6.6	7.1	SW	SW	0.8	-	0.4	2.0	24.0	28.5
8	25.5	26.0	26.0	28.0	26.0	28.0	24.5	26.0	88.0	88.0	2.0	5.6	6.1	5.6	SW	SW	-	-	1.6	1.6	25.0	32.0
9	24.0	27.0	29.0	30.0	26.5	27.0	25.0	26.0	88.0	88.0	-	4.7	5.6	5.6	SW	SW	0.8	1.6	1.2	1.2	25.5	30.0
10	24.0	25.0	27.0	29.0	24.0	27.0	23.0	26.0	92.0	92.0	2.0	4.8	5.1	5.1	SW	NW	5.2	-	2.8	0.4	24.5	28.5
11	25.0	27.0	29.0	29.0	26.5	27.0	25.5	26.0	92.0	92.0	-	5.5	5.2	5.2	SW	NW	-	-	2.8	2.4	25.0	28.5
12	24.5	26.0	27.5	30.0	26.0	29.0	25.5	27.0	96.0	96.0	2.0	4.4	6.4	6.4	NW	SW	-	-	1.2	1.2	25.0	31.5
13	24.0	28.0	28.0	31.5	27.0	29.5	26.0	26.5	92.0	92.0	2.0	5.4	5.5	5.5	NW	SW	-	-	1.2	0.4	25.5	31.5
14	26.0	28.0	29.0	31.0	28.5	30.0	27.0	27.0	88.5	88.5	2.0	5.8	5.8	5.8	SW	SW	-	-	3.2	1.2	26.5	31.0
15	26.0	28.0	29.0	30.5	27.0	27.5	26.5	27.0	96.0	96.0	2.0	5.1	5.6	5.6	N	NW	-	-	2.4	1.2	25.5	28.5
16	25.0	25.5	26.0	26.5	27.0	27.0	26.0	26.0	92.0	92.0	2.0	4.7	4.8	4.8	SW	NW	-	-	1.6	0.8	24.5	27.0
17	24.5	24.5	25.5	26.5	24.0	26.0	23.5	25.5	96.0	96.0	-	4.3	3.1	3.1	NW	NW	4.8	0.4	0.8	1.6	24.0	24.5
18	24.5	25.0	26.0	26.0	25.0	25.0	24.0	24.5	92.0	96.0	2.0	3.5	6.3	6.3	SW	NE	-	-	0.4	1.2	24.0	26.0
19	24.5	27.0	26.5	27.0	27.0	30.0	25.0	26.0	84.0	72.0	2.0	5.3	7.2	7.2	NE	NW	-	-	1.2	2.8	25.0	32.0
20	24.0	28.0	30.0	33.0	27.0	31.0	25.5	26.0	66.0	66.0	2.0	2.6	5.9	5.9	SW	NW	-	-	2.0	3.2	25.0	33.5
21	25.0	25.0	31.0	32.0	26.0	30.0	24.0	27.0	84.0	78.0	2.0	2.4	4.6	4.6	NW	NW	-	-	2.0	2.8	25.5	33.0
22	26.0	27.0	30.0	31.0	26.5	28.0	26.0	27.0	96.0	92.0	2.0	2.7	4.4	4.4	NW	NW	-	-	1.6	2.0	26.0	30.0
23	26.0	27.5	30.5	33.5	27.0	31.0	26.0	27.0	92.0	72.5	2.0	3.2	4.7	4.7	NW	NW	-	-	0.8	3.2	25.5	34.5
24	24.0	28.0	31.0	35.0	27.5	30.0	26.0	26.5	88.0	75.0	-	2.6	3.2	3.2	NW	NW	-	-	1.2	2.0	27.5	35.5
25	26.5	27.0	30.5	33.0	27.5	28.0	26.0	27.0	92.0	88.0	2.0	1.1	3.2	3.2	NW	NE	-	2.4	2.8	2.0	28.5	31.0
26	25.0	25.5	26.5	32.0	26.5	30.5	26.0	28.0	96.0	82.0	-	2.1	1.8	1.8	NW	NW	-	-	-	2.0	25.0	33.5
27	25.0	26.5	32.0	33.0	26.5	31.0	26.0	29.0	96.0	85.5	-	1.2	2.6	2.6	NE	NE	-	-	3.2	2.0	26.0	33.5
28	26.0	30.0	31.0	37.0	29.0	32.0	28.0	28.5	92.0	76.0	2.0	0.5	2.5	2.5	SW	NE	-	-	2.0	2.8	28.0	36.5
29	26.5	30.5	28.0	36.5	29.5	34.0	27.0	30.0	81.5	74.0	-	0.4	2.1	2.1	SE	NE	-	-	0.8	4.0	28.5	33.0
30	28.5	29.5	34.0	37.0	29.0	30.0	27.0	28.5	83.0	85.0	2.0	0.5	2.5	2.5	NE	NE	-	-	1.2	1.6	30.0	33.5
31	25.0	29.0	29.0	26.5	26.5	26.0	26.0	26.0	96.0	96.0	-	1.8	1.8	1.8	NW	NW	-	-	1.2	1.2	26.5	26.5
Total	786.5	834.5	891.0	963.0	827.5	889.5	795.5	833.0	2672.5	2672.5	48.0	36.0	114.6	149.5			47.2	6.0	48.6	55.2	800.5	948.0
Average	25.4	26.9	28.7	31.1	26.7	28.7	25.7	26.9	92.0	86.2	1.5	1.2	3.7	4.8			1.5	0.2			25.8	30.6
	26.1	29.9			27.7		26.3		89.1		1.4	4.3					0.9		103.8		28.2	

* : One or more data missing LdOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000U7
Local River/Basin : Mahanadi

Station Name : Rajji
Sub-Division : Raiput

SEPTEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	26.0	27.5	34.5	30.5	27.0	27.0	26.5	28.0	82.0	92.0	2.0	2.0	2.7	5.3	SW	SW	-	-	1.6	1.2	26.5	35.0
1	26.0	27.5	34.5	30.5	27.0	27.0	26.5	28.0	82.0	92.0	2.0	2.0	2.7	5.3	SW	SW	-	-	1.6	1.2	26.5	35.0
2	26.0	27.5	34.5	30.5	27.0	27.0	26.5	28.0	82.0	92.0	2.0	2.0	2.7	5.3	SW	SW	-	-	1.6	1.2	26.5	35.0
3	25.0	25.0	29.0	29.0	26.0	27.5	25.5	27.0	96.0	96.0	2.0	2.0	5.4	4.3	SW	SW	-	-	0.8	0.8	25.0	28.0
4	25.0	25.0	27.0	27.0	25.5	27.0	25.0	26.0	96.0	96.0	2.0	2.0	4.0	2.8	SW	SW	-	-	1.2	0.4	25.0	27.5
5	26.0	26.0	27.0	27.0	27.0	26.5	25.0	26.0	84.0	96.0	2.0	2.0	3.7	4.5	NW	SW	-	-	1.2	0.4	26.0	30.0
6	25.0	27.0	31.0	26.0	26.0	28.0	24.0	25.0	84.0	77.0	2.0	2.0	3.6	4.9	NW	NW	-	-	1.2	2.8	25.0	31.0
7	25.5	27.0	28.5	27.0	25.5	28.0	25.0	26.0	84.0	85.0	2.0	2.0	3.5	5.8	SW	SW	-	-	2.8	1.6	25.5	32.0
8	24.5	26.0	29.0	27.0	25.5	26.0	24.5	25.5	92.0	96.0	2.0	2.0	3.7	3.6	SW	NW	-	-	1.6	0.4	25.0	26.5
9	25.0	26.5	26.5	26.0	26.0	26.5	25.5	25.5	96.0	92.0	-	-	3.3	2.5	NW	NW	-	-	1.6	1.6	25.0	29.5
10	26.0	26.0	31.5	26.0	26.5	26.5	25.5	25.0	88.0	88.0	-	-	2.1	2.0	SW	SE	2.0	14.4	1.2	3.2	26.0	30.0
11	24.5	26.0	28.0	25.0	26.5	26.5	24.0	26.0	96.0	96.0	-	-	1.4	2.0	NW	NE	4.8	1.2	0.4	0.8	25.0	28.5
12	25.0	25.5	28.5	25.5	25.5	27.5	25.0	27.0	96.0	96.0	-	-	1.2	0.9	NE	NE	0.4	0.4	1.2	1.2	25.0	28.5
13	25.0	26.5	27.0	26.0	26.0	28.0	25.5	27.5	96.0	96.0	-	-	0.7	1.9	NE	NE	-	-	2.8	1.2	24.0	34.0
14	25.5	28.0	29.0	27.0	27.0	29.0	27.0	27.0	85.0	85.0	-	-	1.3	2.4	NE	NE	-	-	1.2	2.4	26.5	34.0
15	25.5	26.5	35.0	27.0	27.0	30.0	26.5	27.0	96.0	78.0	2.0	2.0	1.1	3.4	SE	NE	-	-	1.2	1.2	26.5	35.0
16	25.5	29.0	33.5	29.0	29.5	29.5	27.5	27.0	89.0	81.5	2.0	2.0	0.9	2.8	NE	NE	-	-	2.0	3.2	27.0	33.0
17	26.0	26.5	28.5	28.5	28.5	28.5	27.5	28.0	96.0	96.0	-	-	0.4	2.0	NE	NE	-	-	1.2	2.4	27.0	32.0
18	26.5	27.0	28.5	27.5	29.5	29.5	27.0	29.0	96.0	96.0	-	-	0.5	2.7	NE	NE	-	-	0.8	1.6	26.0	33.5
19	26.0	26.0	28.5	28.5	28.5	29.5	28.0	24.0	96.0	88.0	-	-	1.8	2.3	SW	NE	-	-	2.8	2.0	27.5	31.0
20	25.0	25.0	31.0	34.5	26.5	30.0	26.0	29.0	96.0	89.0	-	-	0.6	2.9	SE	NE	0.4	-	1.6	1.2	25.5	35.0
21	25.0	27.0	31.5	33.0	28.5	30.5	28.0	28.5	85.5	85.5	-	-	1.5	3.6	NE	NE	-	-	2.0	2.0	27.5	35.0
22	25.5	27.0	30.0	26.5	29.5	29.5	25.0	25.5	88.0	71.5	2.0	2.0	1.6	3.0	NE	NE	-	-	1.2	-	26.0	32.5
23	26.0	27.5	29.5	34.0	27.0	29.0	26.5	26.0	96.0	85.0	2.0	2.0	1.1	2.1	NE	NW	-	-	1.6	2.8	26.0	33.0
24	25.5	27.0	28.5	26.5	27.0	29.5	26.0	28.0	92.0	89.0	2.0	2.0	0.6	1.2	NE	SW	-	-	2.4	1.2	27.0	32.0
25	25.0	27.0	28.5	26.5	26.5	28.0	26.0	27.0	96.0	92.0	2.0	-	0.8	2.5	NE	NE	-	-	0.4	0.8	26.5	30.0
26	25.0	27.5	28.0	27.5	28.5	28.5	26.0	27.5	88.0	92.0	-	-	0.6	0.8	NE	NW	-	-	1.6	2.0	26.0	32.5
27	24.0	25.5	26.0	31.0	26.0	26.5	25.0	26.0	92.0	96.0	-	-	0.7	1.6	NE	NW	2.8	0.8	0.4	2.4	25.5	26.5
28	25.0	25.5	26.0	31.0	25.5	27.0	25.0	26.5	96.0	96.0	-	-	0.6	1.9	SW	NE	-	-	-	0.8	26.0	30.5
29	25.0	26.0	27.0	31.5	26.5	27.0	26.0	26.5	96.0	96.0	-	-	1.0	2.7	NE	NE	-	-	1.2	3.2	26.5	31.0
30	25.0	28.0	26.5	26.5	26.5	26.0	26.0	26.0	96.0	96.0	2.0	-	2.6	-	NE	-	-	-	0.8	-	26.0	-
Total	759.5	797.5	851.0	801.0	848.0	803.0	775.0	803.0	2692.5	2692.5	30.0	24.0	57.9	85.3	-	-	10.4	61.6	40.0	48.4	778.0	942.5
Average	25.3	26.6	28.5	26.7	28.3	27.5	25.8	26.8	93.1	89.8	1.0	0.8	1.9	2.8	-	-	0.3	2.1	-	-	25.9	31.4
	26.0	29.8					26.3		91.4		0.9		2.4				1.2		88.4		28.7	

Twice Daily Climatic Data

Station Code : EM000017
Local River/Basin : Mahanadi

Station Name : Rajju
Sub-Division : Raipet

OCTOBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																						
LPOPM																						
1	25.0	26.5	28.5	33.5	26.5	29.5	25.5	27.0	92.0	81.5	2.0	2.0	0.1	3.9	NE	NE	-	-	2.8	2.0	25.5	32.5
2	25.0	27.0	29.5	31.0	26.0	27.0	25.0	26.0	92.0	92.0	2.0	2.0	0.9	2.7	NE	NE	-	0.4	0.4	2.0	25.5	35.0
3	25.0	27.0	31.0	33.0	27.0	30.0	26.0	28.0	92.0	85.0	-	-	0.4	2.7	NE	NW	-	-	0.8	0.8	26.0	34.5
4	25.5	27.5	30.5	32.0	27.0	30.0	26.0	27.0	92.0	78.0	-	-	2.7	3.1	NE	NE	-	-	2.4	1.6	26.5	33.5
5	26.0	28.0	30.0	33.0	28.0	30.0	26.0	28.0	85.0	85.0	2.0	-	3.3	1.6	SW	NE	-	-	1.2	2.0	27.0	33.0
6	26.0	27.0	31.0	32.5	26.5	29.0	26.0	27.5	96.0	89.0	2.0	2.0	2.7	2.5	NE	NE	-	0.8	1.2	-	26.0	33.0
7	24.5	25.5	29.5	31.0	25.5	28.0	24.0	25.0	96.0	92.0	2.0	-	2.7	1.6	NE	NE	-	22.2	1.6	1.0	25.5	25.0
8	24.5	26.0	25.0	31.0	25.0	27.0	24.0	26.5	92.0	96.0	-	2.0	0.8	1.9	NE	NW	-	-	0.4	1.6	24.0	31.5
9	25.0	25.5	28.0	32.0	25.0	28.0	24.0	27.0	92.0	92.0	-	-	1.5	2.2	NW	NW	20.4	-	0.4	1.6	25.0	32.0
10	25.0	27.0	29.5	32.0	26.0	29.0	25.0	27.0	92.0	85.0	-	-	1.8	3.4	NW	NW	-	-	0.8	2.0	25.0	33.0
11	24.5	26.0	30.5	34.0	25.5	28.0	25.0	26.0	96.0	85.0	2.0	2.0	0.2	2.0	NW	NW	-	2.0	0.4	2.0	25.0	34.0
12	24.5	25.5	30.5	34.0	25.5	29.5	24.5	26.5	92.0	78.0	2.0	2.0	1.0	2.6	NW	NW	-	2.4	1.6	2.6	26.5	34.5
13	23.0	25.5	30.0	34.0	25.0	28.0	23.0	27.0	84.0	92.0	2.0	2.0	0.6	2.5	SW	NW	-	4.0	1.6	1.6	25.0	34.0
14	21.0	24.0	29.5	34.5	27.0	29.0	24.5	26.5	96.0	68.0	-	2.0	0.9	1.8	NW	SE	-	-	1.6	2.8	24.5	34.5
15	20.0	24.0	30.0	35.0	23.5	28.0	21.5	24.0	83.0	70.0	2.0	2.0	0.8	1.8	SW	NW	-	2.0	2.0	2.0	24.0	34.0
16	20.5	23.0	30.0	34.5	22.0	29.0	20.5	28.0	87.0	92.0	-	-	0.8	2.2	NW	NW	-	-	1.2	2.4	22.5	34.0
17	20.0	23.0	30.0	34.0	22.0	29.0	21.0	28.5	91.0	96.0	-	-	0.4	2.0	NW	NW	-	-	3.6	2.4	23.0	34.0
18	21.0	24.0	30.0	34.0	23.5	29.0	22.5	25.0	91.0	71.0	-	-	0.4	1.8	NW	NW	-	1.2	1.2	2.3	23.5	34.0
19	20.0	23.0	30.5	34.0	22.5	28.0	21.5	23.0	91.0	64.0	2.0	-	0.8	2.0	NW	NW	-	1.6	1.2	2.3	23.0	33.0
20	19.5	22.5	30.5	34.5	22.0	29.0	21.0	28.0	91.0	92.0	-	-	0.9	2.4	NW	NW	-	3.6	1.2	2.1	21.5	32.5
21	19.5	30.5	30.5	34.0	21.0	28.5	19.5	24.0	86.0	67.5	-	-	0.3	2.1	NW	NW	-	1.2	0.8	2.1	21.5	32.5
22	20.0	26.0	30.5	35.0	21.5	29.0	21.0	24.0	95.0	64.0	-	-	0.5	1.9	NW	NW	-	2.8	4.4	2.1	21.5	32.5
23	19.0	22.0	30.5	34.0	21.5	28.5	19.5	24.0	82.0	67.5	2.0	-	0.9	2.4	NW	SW	-	2.4	0.8	2.0	22.0	32.0
24	19.0	22.0	30.5	32.0	22.0	28.5	20.5	24.0	87.0	67.5	-	-	1.3	2.5	NW	NW	-	-	0.4	0.8	23.0	32.5
25	19.5	23.0	30.0	35.0	22.5	29.0	21.0	28.0	87.0	92.0	2.0	-	0.8	2.2	SE	NE	-	-	1.6	4.0	19.5	33.0
26	19.0	22.0	30.0	34.5	21.0	29.0	20.0	24.0	91.0	64.0	-	-	0.3	2.2	SE	NE	-	-	0.4	2.0	21.0	32.5
27	18.5	23.0	30.5	34.5	21.0	28.5	20.0	23.0	91.0	60.5	2.0	-	0.2	2.3	NE	NE	-	-	0.4	4.4	22.0	33.0
28	20.0	22.0	30.0	34.0	21.5	30.0	19.5	26.0	82.0	72.0	2.0	-	0.2	2.0	NE	NE	-	-	2.8	1.2	25.5	33.5
29	22.0	25.0	31.0	34.5	24.0	29.0	23.0	27.0	91.0	85.0	-	-	0.1	2.2	NE	NE	-	-	1.6	0.4	24.5	33.0
30	22.5	24.5	29.5	34.5	23.0	28.5	22.0	27.5	91.0	92.0	-	-	-	1.9	NE	NE	-	-	2.0	1.6	24.5	34.0
31	21.5	-	29.5	-	22.0	-	21.5	-	95.0	-	-	-	0.1	-	NE	NE	-	-	1.6	-	23.5	-
Total	686.0	775.0	926.5	1037.5	742.0	890.5	704.0	809.5	2801.0	2503.5	28.0	6.0	28.4	70.4	-	-	20.4	23.8	52.4	53.4	743.0	1025.0
Average	22.1	25.0	29.9	33.5	23.9	28.7	22.7	26.1	90.4	80.8	0.9	0.2	0.9	2.3	-	-	0.7	0.8	-	-	24.0	33.1
	23.6	31.7	26.3	24.4	85.6	0.5	1.6	-	-	-	-	-	-	-	-	-	0.7	0.7	105.8	-	28.5	-

Twice Daily Climatic Data

Station Code : EM0000U7

Local River/Basin : Mahanadi

Station Name : Rajir
Sub-Division : Raipr

NOVEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	17:30	24.0	33.0	28.0	21.0	28.5	20.5	25.5	95.0	77.5	-	-	0.1	1.2	NE	NE	-	-	1.0	2.0	21.5	31.5
LPoPM	08:30	18.5	33.0	28.5	21.0	28.5	20.5	25.5	95.0	77.5	-	-	0.1	1.2	NE	NE	-	-	1.0	2.0	21.5	31.5
1	18.5	24.5	33.0	28.5	21.0	28.5	20.5	25.5	95.0	77.5	-	-	0.1	1.2	NE	NE	-	-	1.0	2.0	21.5	31.5
2	18.0	23.0	33.5	22.0	29.0	29.0	21.0	25.0	91.0	71.0	-	-	0.5	2.8	NE	NE	-	-	1.2	1.2	22.5	30.0
3	21.0	23.5	30.0	34.5	23.0	29.0	21.5	25.0	87.0	71.0	-	-	0.1	2.6	NE	NE	-	-	1.0	0.8	23.5	30.0
4	22.0	25.0	31.0	34.0	25.0	29.0	23.0	25.0	84.0	71.0	2.0	-	0.4	3.6	NE	NE	-	-	2.0	2.0	23.5	33.0
5	23.0	25.0	30.5	34.0	24.5	29.0	23.5	24.0	91.0	64.0	-	-	0.3	2.1	NE	NE	-	-	2.0	2.0	23.0	33.0
6	21.5	23.5	30.0	33.0	23.0	28.0	20.5	23.0	79.0	64.0	-	-	0.3	2.1	NE	NE	-	-	1.6	1.6	22.5	30.0
7	16.5	20.0	30.0	33.0	20.0	27.0	18.0	21.0	81.0	56.0	-	-	0.6	2.5	NE	NE	-	-	0.8	1.6	18.5	28.0
8	15.0	20.0	29.5	33.5	19.0	28.5	17.0	21.0	81.0	48.5	2.0	-	0.8	2.5	NE	NE	-	-	2.8	1.6	17.0	31.0
9	15.0	19.5	31.0	31.5	19.0	26.0	17.0	20.0	81.0	55.0	-	-	0.3	1.9	NE	NE	-	-	2.4	0.9	17.0	27.0
10	14.0	17.5	27.0	31.5	17.0	26.0	16.0	23.0	90.0	76.0	-	-	0.5	1.9	NE	NE	-	-	3.2	0.4	16.0	29.0
11	14.0	19.0	28.0	31.0	18.0	26.0	17.0	21.0	90.0	62.0	-	-	0.3	1.9	NE	NE	-	-	1.6	0.8	16.0	26.5
12	14.0	18.0	28.0	31.0	18.5	27.0	17.5	23.0	90.0	70.0	-	-	0.1	1.5	NE	NE	-	-	1.2	0.8	16.0	28.0
13	16.0	19.5	29.0	32.0	19.0	28.0	18.0	22.0	90.0	57.0	-	-	0.1	1.5	NE	NE	-	-	2.0	0.8	17.0	28.0
14	17.5	21.0	30.0	32.0	21.0	28.0	20.0	23.0	91.0	64.0	-	-	0.1	1.2	NE	NE	-	-	1.6	1.6	18.5	31.0
15	18.5	21.5	29.0	32.5	21.0	28.0	20.0	22.5	91.0	60.0	-	-	0.3	1.9	NE	NE	-	-	1.6	0.4	19.0	28.5
16	16.5	26.5	29.5	32.5	20.0	28.0	18.0	22.0	81.0	57.0	-	-	0.1	1.9	NE	NE	-	-	1.2	0.8	18.0	29.0
17	14.5	18.0	29.5	32.0	18.0	26.0	17.0	21.0	90.0	62.0	-	-	-	2.1	NE	NE	-	-	2.8	1.2	17.0	27.5
18	13.5	18.5	28.5	32.0	18.0	26.0	17.0	20.0	90.0	55.0	-	-	0.2	2.0	NE	NE	-	-	2.8	0.8	15.5	27.0
19	12.5	17.5	32.0	32.0	17.0	27.0	16.0	21.0	90.0	56.0	-	-	0.2	1.7	NE	NE	-	-	1.2	1.2	15.0	27.0
20	12.5	17.0	29.0	33.5	17.0	28.0	16.0	21.0	90.0	51.0	-	-	1.2	1.9	NE	NE	-	-	1.6	1.2	14.5	27.5
21	13.5	18.5	30.5	33.5	18.0	27.0	16.0	21.0	80.0	56.0	-	-	0.2	2.0	SE	NE	-	-	1.6	0.8	15.5	27.5
22	13.0	18.0	29.5	33.0	18.0	27.0	17.0	21.0	90.0	56.0	-	-	0.2	2.1	NE	NE	-	-	2.8	0.4	15.5	27.5
23	13.0	18.0	30.0	34.0	18.0	27.0	17.0	21.0	90.0	56.0	-	-	0.1	1.7	NE	NE	-	-	2.4	0.4	15.5	27.5
24	13.0	18.5	29.0	34.5	18.0	27.5	16.0	21.5	80.0	56.5	-	-	0.1	1.5	NE	NE	-	-	2.0	2.0	15.0	28.0
25	12.5	17.0	30.5	33.0	17.5	28.0	16.0	20.0	85.0	45.0	-	-	0.4	1.8	NE	NE	-	-	1.6	2.0	14.5	27.5
26	14.0	17.0	30.5	34.0	17.5	29.0	15.5	23.0	75.5	58.0	-	-	0.3	2.1	NE	NE	-	-	1.6	1.6	15.5	27.5
27	15.0	18.0	31.0	33.5	18.0	29.0	17.0	21.0	90.0	46.0	-	-	1.3	2.1	NE	NE	-	-	0.8	0.8	15.5	28.0
28	15.0	18.0	30.5	34.0	18.0	29.0	16.0	21.0	80.0	46.0	-	-	0.4	1.5	NE	NE	-	-	2.8	0.8	16.0	27.5
29	15.5	18.0	31.0	34.5	18.0	29.0	17.0	21.0	90.0	46.0	-	-	0.1	1.8	NE	NE	-	-	2.4	1.2	16.0	28.0
30	14.0	14.0	33.0	33.0	18.0	27.0	17.0	21.0	90.0	46.0	-	-	0.1	1.8	NE	NE	-	-	2.4	2.4	16.0	28.0
Total	472.5	603.0	903.0	832.5	580.0	832.5	539.0	665.5	2603.5	1798.5	4.0	-	9.6	59.4			0.0	0.0	56.0	35.7	526.5	863.5
Average	15.8	20.1	30.1	27.8	19.3	27.8	18.0	22.2	86.8	60.0	0.1	-	0.3	2.0			0.0	0.0			17.6	28.8
	17.9		31.5	23.5		23.5	20.1	20.1	73.4		0.1		1.2				0.0		91.7		23.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000U7
Local River/Basin : Mahanadi

Station Name : Rajji
Sub-Division : Raip

DECEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	18.0	34.0	29.0	22.0	57.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1	14.5	18.0	30.5	29.0	18.0	24.0	17.0	21.0	90.0	75.0	-	-	0.1	2.1	NE	NE	-	-	2.0	0.8	16.0	24.0
2	16.5	18.5	25.0	29.5	19.5	26.0	19.0	21.5	95.0	66.0	-	-	0.1	1.1	NE	NE	-	-	1.6	0.4	17.0	25.0
3	17.0	20.0	30.0	41.0	19.5	29.0	19.0	24.0	95.0	64.0	-	-	0.1	1.9	NE	NE	-	-	0.8	1.2	17.5	28.5
4	18.0	20.5	31.0	41.0	20.0	28.5	19.0	23.0	91.0	60.5	-	-	0.1	1.6	NE	NE	-	-	1.2	0.8	18.5	28.0
5	16.0	19.5	32.0	31.5	19.0	28.0	18.5	22.5	95.0	60.0	-	-	0.2	1.6	NE	NE	-	-	2.0	0.8	17.5	27.5
6	15.0	19.5	29.5	31.0	18.0	28.5	17.0	22.0	90.0	54.0	-	-	0.1	1.2	NE	NE	-	-	1.6	0.8	17.0	27.0
7	14.5	17.0	31.0	31.0	17.0	27.0	16.5	20.0	95.0	50.0	-	-	0.2	1.5	NE	NE	-	-	1.6	0.4	17.0	27.0
8	14.0	17.0	29.0	31.0	17.0	27.0	16.0	21.5	90.0	59.0	-	-	0.3	2.0	NW	NE	-	-	2.4	0.8	16.0	26.0
9	14.0	14.0	29.0	30.0	17.0	26.0	16.0	21.0	90.0	62.0	-	-	0.1	1.9	NE	NE	-	-	1.6	0.8	15.0	25.5
10	13.0	13.0	30.0	30.5	16.0	26.0	15.0	20.0	89.0	55.0	2.0	-	0.1	1.6	NE	NE	-	-	1.6	0.4	15.0	25.5
11	13.0	16.5	28.0	30.0	16.0	28.0	15.5	22.0	95.0	57.0	-	-	2.0	1.4	NE	NE	-	-	1.2	1.2	14.5	27.0
12	14.0	17.5	32.0	34.0	17.5	28.0	17.0	20.0	95.0	45.0	-	-	0.6	1.7	NE	NE	-	-	1.2	0.8	16.0	27.5
13	13.0	16.0	30.0	32.5	16.0	28.0	15.0	21.0	89.0	51.0	-	-	0.1	2.0	NE	NW	-	-	1.6	1.2	15.0	27.0
14	15.5	20.0	30.0	32.0	19.0	27.0	16.0	20.0	72.0	50.0	-	-	0.1	1.9	NW	NE	-	-	2.0	0.8	16.5	27.0
15	13.0	17.0	29.0	32.0	16.5	26.0	15.0	20.0	89.5	55.0	-	-	0.1	1.6	NE	NE	-	-	1.6	1.6	15.0	26.0
16	12.0	14.0	27.0	31.0	14.0	26.0	13.0	19.0	89.0	49.0	-	-	0.1	1.7	NW	NW	-	-	1.6	1.6	14.0	26.0
17	11.0	14.5	27.0	30.0	14.0	25.5	13.0	18.0	89.0	44.5	-	-	0.4	2.0	NE	NE	-	-	1.2	1.2	14.0	25.5
18	9.0	12.5	26.0	30.0	13.0	28.0	12.0	19.0	89.0	39.0	-	-	0.1	1.7	NE	NW	-	-	1.6	2.0	14.5	24.5
19	11.0	15.0	30.0	30.5	13.0	25.0	12.0	19.0	88.0	54.0	-	-	0.1	1.8	NE	NW	-	-	1.6	0.8	14.0	24.0
20	11.0	15.0	27.0	30.5	15.0	27.0	12.5	19.0	73.0	44.0	-	-	0.3	2.3	NW	NE	-	-	2.0	0.8	12.5	25.0
21	11.5	15.0	29.0	31.0	14.0	26.0	13.0	17.0	89.0	36.0	-	-	0.2	2.6	NE	NE	-	-	1.6	0.4	13.0	25.0
22	10.0	14.0	27.5	30.0	14.0	25.5	13.0	16.5	89.0	35.5	-	-	0.2	2.3	NE	NE	-	-	2.0	0.8	12.5	25.0
23	11.0	13.5	27.0	29.0	14.0	26.0	13.0	19.0	89.0	49.0	-	-	0.3	1.9	NE	NW	-	-	2.4	1.2	12.5	24.5
24	11.5	14.0	28.0	30.5	13.0	26.5	12.0	19.5	88.0	49.5	-	-	0.1	1.4	NW	NE	-	-	1.6	0.4	12.5	25.0
25	14.0	16.5	29.0	32.0	14.0	27.0	13.5	20.0	94.0	50.0	-	-	0.1	2.1	NW	NE	-	-	1.2	0.8	13.5	26.0
26	11.0	14.0	29.0	30.0	16.0	25.0	15.0	17.0	89.0	41.0	-	-	0.3	2.4	NE	NW	-	-	2.0	1.2	14.5	25.0
27	11.0	13.5	27.0	30.5	12.5	25.0	11.0	18.0	82.0	47.0	-	-	0.3	1.9	NE	NE	-	-	2.0	0.8	13.0	25.0
28	12.0	15.0	27.0	30.0	13.0	26.5	12.0	20.0	88.0	52.0	-	-	0.2	1.9	NE	NW	-	-	1.2	0.8	12.5	24.5
29	13.0	15.0	29.0	31.5	15.0	27.0	14.0	20.0	89.0	50.0	-	-	0.1	1.4	SE	NE	-	-	1.2	0.8	13.5	25.5
30	13.0	16.5	29.0	31.5	15.0	26.0	14.0	20.0	89.0	55.0	-	-	0.2	1.7	SW	NE	-	-	2.0	0.8	14.0	25.5
31	13.0	17.0	27.0	30.0	16.0	27.0	15.0	20.0	89.0	55.0	-	-	0.2	1.7	NE	NE	-	-	1.6	1.6	14.5	25.5
Total	406.0	500.0	891.5	978.0	491.5	828.0	459.5	622.5	2763.5	1616.0	2.0	-	7.3	55.9			0.0	0.0	51.2	28.0	458.5	802.5
Average	13.1	16.1	28.8	31.5	15.9	26.7	14.8	20.1	89.1	52.1	0.1	-	0.2	1.8			0.0	0.0	14.8	79.2	14.8	25.9
	14.6	30.2	21.3	17.5	70.6	0.0	1.0										0.0				20.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000U7 Station Name : Rajir
Local River/Basin : Mahanadi Sub-Division : Raipet

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LpoPM																						
1	14.0	20.0	28.0	32.0	18.0	28.0	17.0	22.0	90.0	47.0	-	-	0.2	1.9	NE	NE	-	-	2.4	0.8	14.0	26.5
2	16.0	17.0	32.0	30.0	16.5	27.0	15.5	21.0	89.5	56.0	-	-	0.3	3.2	SW	SE	-	-	1.2	0.8	16.0	26.0
3	16.0	17.0	28.0	29.0	16.5	25.0	16.0	20.0	95.0	61.0	-	-	0.6	2.0	SW	SE	-	-	2.4	0.8	16.5	25.5
4	14.0	15.5	26.0	30.0	15.0	27.0	14.5	19.0	94.0	44.0	-	-	0.1	1.8	SW	SW	-	-	1.6	0.4	15.0	26.0
5	13.0	15.0	30.0	30.5	15.0	27.0	14.5	19.5	94.0	47.0	-	-	0.1	2.2	NE	NE	-	-	1.6	0.4	14.5	26.0
6	13.0	16.0	29.0	32.0	15.0	27.0	14.0	19.0	94.0	44.0	-	-	0.2	2.3	NE	NE	-	-	2.0	0.8	14.0	26.0
7	12.5	16.0	29.0	32.0	15.0	29.0	13.5	20.0	84.0	40.0	-	-	0.1	3.3	NE	NE	-	-	1.6	1.6	14.0	27.0
8	13.5	16.0	30.5	31.0	15.0	29.0	14.0	20.0	94.0	40.0	-	-	0.2	2.2	NE	NE	-	-	1.6	1.2	15.0	26.5
9	14.5	16.0	31.0	32.0	16.0	28.0	15.0	21.0	89.0	51.0	-	-	0.1	2.2	NE	NE	-	-	1.2	1.2	15.5	27.0
10	18.0	18.5	30.0	27.0	18.0	25.0	17.0	21.0	90.0	68.0	-	-	0.7	1.9	NE	NE	1.2	0.2	2.0	0.6	17.5	24.0
11	14.0	16.0	26.0	28.0	15.5	24.0	15.0	17.5	94.5	49.0	-	-	0.2	2.7	NE	NE	-	-	0.8	0.4	15.0	24.5
12	12.5	13.0	25.0	27.0	13.0	23.0	12.0	17.0	88.0	67.0	-	-	0.2	2.1	NE	NE	-	-	0.8	0.8	13.5	23.5
13	10.0	12.5	25.0	28.0	12.0	23.0	11.0	16.0	88.0	45.0	-	-	0.3	2.7	NE	NE	-	-	1.6	1.2	11.5	23.5
14	10.5	11.0	25.0	27.0	11.5	25.0	10.5	17.0	87.5	41.0	-	-	0.1	1.9	NE	NE	-	-	2.0	1.2	11.0	24.0
15	10.0	10.0	26.0	30.0	12.5	24.0	12.0	23.0	94.0	91.0	-	-	0.1	1.8	NE	NE	-	-	1.6	1.6	11.0	25.5
16	12.0	16.0	28.0	31.0	16.0	27.0	14.0	19.0	79.0	44.0	-	-	0.3	1.7	NE	NE	-	-	1.6	2.0	12.0	25.0
17	13.0	16.0	31.0	32.0	15.0	28.0	14.0	24.0	89.0	70.0	-	-	0.4	1.6	NE	NE	-	-	1.2	0.8	14.5	27.0
18	15.0	20.0	32.0	32.0	19.5	29.0	18.0	20.0	86.0	40.0	-	-	0.1	2.1	NE	NE	-	-	1.2	0.8	16.0	27.0
19	15.0	18.0	31.0	32.0	17.0	27.5	16.0	19.0	90.0	44.5	-	-	0.1	2.6	NE	NE	-	-	1.2	0.8	16.0	27.0
20	15.0	15.0	29.0	33.0	16.0	28.0	15.0	21.0	89.0	51.0	-	-	0.1	2.1	NE	NE	-	-	2.0	1.2	15.0	27.0
21	15.0	16.5	29.0	24.0	16.0	29.0	15.5	21.0	95.0	46.0	-	-	0.0	2.1	NE	NE	-	-	1.2	0.8	15.5	29.0
22	16.0	17.0	30.5	33.0	16.5	30.0	16.0	21.0	95.0	42.0	-	-	0.0	2.6	NE	NE	-	-	2.0	1.2	16.5	28.5
23	16.0	17.5	31.5	33.5	17.5	28.0	17.0	21.0	95.0	51.0	-	-	0.1	2.3	NE	NE	-	-	1.6	1.2	16.5	28.0
24	15.0	16.5	30.0	29.0	16.0	29.0	15.0	20.0	89.0	40.0	-	-	0.1	2.1	NE	NE	-	-	2.0	1.2	15.0	29.0
25	14.0	16.0	32.0	34.5	15.5	28.0	15.0	21.0	94.0	51.0	-	-	0.0	1.7	NE	NE	-	-	1.2	1.2	15.0	28.5
26	15.5	17.0	30.0	26.0	16.5	24.0	16.0	20.0	95.0	68.0	-	-	0.1	0.9	NE	NE	-	-	2.0	1.2	16.5	22.0
27	19.0	20.0	25.0	32.5	19.0	28.5	18.5	20.0	95.0	42.5	-	-	0.1	2.3	NE	NE	-	-	1.2	0.8	18.0	29.0
28	16.5	18.0	30.0	30.5	18.0	26.0	17.0	19.0	90.0	49.0	-	-	0.2	2.5	NE	NE	-	-	1.2	1.2	17.0	27.5
29	13.0	16.0	27.5	31.5	16.0	27.0	14.0	19.0	79.0	44.0	-	-	0.2	2.2	NE	NE	-	-	2.0	0.8	15.0	28.5
30	13.0	15.0	29.5	34.0	15.0	29.0	14.5	21.0	94.0	46.0	-	-	0.1	2.2	NE	NE	-	-	2.0	1.2	14.5	29.0
31	14.0		31.0		16.0		15.0		89.0		-	-	0.2		NE		-	-	1.6		15.0	
Total	438.5	499.0	897.5	946.0	490.0	839.0	462.0	628.0	2808.5	1559.0	-	-	5.2	68.0			1.2	0.2	49.6	31.4	462.0	820.5
Average	14.1	16.1	29.0	30.5	15.8	27.1	14.9	20.3	90.6	50.3	-	-	0.2	2.2			0.0	0.0			14.9	26.5
	15.1		29.7	21.4		17.6		70.4		0.0			1.2				0.0		81.0		20.7	

Twice Daily Climatic Data

Station Code : EM000017
Local River/Basin : Mahanadi

Station Name : Rajji
Sub-Division : Raiput

FEBRUARY 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	17.0	17.0	34.0	34.0	29.0	29.0	20.0	20.0	40.0	40.0	-	-	2.3	2.3	NE	NE	-	-	1.6	1.6	29.5	29.5
1	16.0	17.0	31.0	34.0	29.0	29.0	17.0	22.0	52.0	52.0	-	-	0.1	1.9	SW	NE	-	-	2.4	1.2	16.5	29.5
2	15.5	17.0	30.5	34.0	29.0	29.0	16.0	22.5	42.0	42.0	-	-	0.1	2.0	SE	NE	-	-	2.0	1.6	16.5	29.0
3	15.0	17.0	31.0	34.5	29.0	29.0	16.5	22.0	95.0	95.0	-	-	0.0	2.0	NE	NE	-	-	2.4	2.8	17.5	29.5
4	15.0	17.0	30.0	34.5	20.0	31.0	18.0	21.0	81.0	37.5	2.0	-	0.2	1.9	NE	NW	-	-	1.2	1.2	18.5	30.5
5	14.5	21.0	33.0	34.0	19.0	30.0	17.0	20.0	81.0	36.0	-	-	0.1	1.8	NW	SE	-	-	1.6	1.6	16.0	30.0
6	15.0	17.5	33.0	34.0	18.0	29.0	16.0	20.0	80.0	40.0	-	-	0.3	2.9	SW	SW	-	-	2.0	1.2	16.0	29.5
7	17.0	21.0	30.0	33.0	20.0	28.5	18.0	20.0	81.0	42.5	-	-	0.6	2.6	SE	SE	-	-	2.0	2.0	18.5	30.0
8	16.0	18.0	30.0	34.5	17.0	28.0	16.5	19.0	95.0	39.0	-	-	0.4	2.2	NE	NE	-	-	2.0	1.6	16.5	30.5
9	16.0	20.0	31.0	35.0	19.0	30.0	17.0	22.0	81.0	47.0	-	-	0.3	2.7	NE	NE	-	-	2.0	1.6	17.0	31.0
10	18.0	20.0	33.0	35.0	19.0	31.0	18.0	23.0	90.0	48.0	-	-	0.3	2.2	NE	NE	-	-	2.0	1.6	18.0	31.5
11	18.0	21.5	33.0	35.0	21.0	32.0	19.0	24.0	82.0	49.0	-	-	0.2	2.6	NE	NE	-	-	2.0	2.4	19.0	31.0
12	19.0	20.5	34.0	30.5	20.0	27.0	17.5	21.0	56.0	2.0	-	-	1.6	2.4	NE	SE	-	-	2.0	1.6	18.5	27.5
13	17.0	20.0	28.0	34.0	19.0	30.0	18.0	21.0	90.0	42.0	-	-	0.2	2.0	SW	SW	-	-	1.6	1.6	17.5	30.5
14	17.5	20.0	31.0	35.0	20.0	31.0	19.0	23.0	91.0	48.0	-	-	0.1	2.1	SW	SW	-	-	1.6	1.6	18.5	31.5
15	18.0	20.0	32.0	35.0	20.0	30.0	17.5	20.0	77.0	56.0	-	-	0.1	2.3	SW	SW	-	-	2.0	1.2	18.5	30.5
16	17.0	19.0	32.0	35.0	19.0	30.0	17.0	20.0	81.0	36.0	-	-	0.1	2.0	SE	SW	-	-	2.4	2.4	18.0	30.5
17	16.5	19.0	31.5	36.0	18.0	30.0	17.0	20.0	90.0	36.0	-	-	0.1	2.2	SE	SW	-	-	2.0	2.8	17.0	31.0
18	17.0	20.0	32.0	37.0	19.0	31.5	17.5	22.0	86.0	40.5	-	-	0.1	2.0	SE	SW	-	-	2.8	2.4	18.0	32.0
19	17.0	20.0	33.0	34.0	20.0	30.0	17.5	20.0	77.0	36.0	-	-	0.3	2.7	NW	NE	-	-	2.8	2.0	18.5	31.0
20	18.0	17.5	34.0	36.0	20.5	31.5	16.5	20.0	64.5	32.5	2.0	-	0.4	3.5	NE	NE	-	-	2.8	2.8	18.0	31.5
21	18.5	23.0	35.0	37.0	21.5	32.0	17.5	19.5	65.5	27.5	-	2.0	0.3	5.7	NW	NE	-	-	2.4	3.2	18.5	32.0
22	19.0	25.0	37.0	36.0	23.5	31.0	19.0	19.0	63.5	27.5	2.0	2.0	1.1	4.9	NW	NE	-	-	2.8	2.4	19.0	31.5
23	18.0	21.5	33.5	37.0	22.0	31.0	18.5	21.0	70.0	37.5	2.0	-	0.8	2.0	NW	SW	-	-	3.2	1.6	18.5	32.5
24	17.5	25.0	33.0	36.0	21.0	31.0	16.5	19.5	61.0	32.5	2.0	-	0.1	2.7	SE	SW	-	-	3.6	2.4	18.5	31.0
25	16.5	20.0	34.5	35.5	20.0	29.5	16.0	19.0	64.0	37.0	-	-	0.1	2.3	SW	SE	-	-	2.0	2.4	18.0	31.0
26	16.0	20.0	30.0	36.5	19.0	30.0	16.0	18.0	72.0	36.0	-	-	0.2	2.4	SW	SW	-	-	2.0	1.6	16.5	31.0
27	16.0	21.0	32.0	38.0	20.0	26.5	18.0	20.0	81.0	52.5	-	-	0.3	2.4	NE	NW	-	-	3.2	2.0	17.5	32.0
28	17.0	32.0	20.0	20.0	16.0	16.0	16.0	16.0	64.0	64.0	-	-	0.1	-	NW	NW	-	-	3.6	-	17.5	-
Total	471.5	555.5	900.0	980.0	547.5	837.5	484.0	578.5	2220.5	1158.5	12.0	4.0	8.5	70.3	-	-	0.0	0.0	64.4	54.4	496.5	858.5
Average	16.8	19.8	32.1	35.0	19.6	29.9	17.3	20.7	79.3	41.4	0.4	0.1	0.3	2.5	-	-	0.0	0.0	-	-	17.7	30.7
	18.3		33.6		24.7		19.0		60.3		0.3		1.4				0.0		118.8		24.2	

* : One or more data missing LDoPM : Last day of previous mont

Twice Daily Climatic Data

Station Code : EM0000U7

Station Name : Rajin
Sub-Division : Raipou

Local River/Basin : Mahanadi

MARCH 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPqPM																						
1	17.0	20.0	32.0	40.0	20.0	23.0	17.0	22.0	73.0	39.0	-	-	0.2	2.2	NE	NE	-	-	2.4	3.6	18.0	32.0
2	17.5	22.0	34.0	33.0	21.5	25.5	18.5	21.5	73.5	68.5	-	-	0.3	3.6	NE	NW	-	-	2.4	2.8	18.5	32.5
3	20.0	23.0	34.6	37.0	22.0	32.0	19.0	30.0	74.0	86.0	-	-	1.3	3.7	NE	NE	-	-	2.8	3.2	19.0	32.0
4	20.0	23.5	32.0	35.5	23.0	32.5	19.5	23.0	71.0	41.5	-	-	1.5	4.2	NW	NE	-	-	3.2	3.6	20.0	31.5
5	20.5	21.5	36.5	36.0	21.5	31.5	18.5	22.5	73.5	43.5	-	-	1.4	3.7	NW	NE	-	-	2.8	3.2	19.5	32.0
6	21.0	22.5	36.0	35.0	21.5	30.0	19.0	22.5	78.0	50.0	-	-	0.5	2.1	NE	NW	-	-	2.8	2.4	19.0	30.0
7	21.5	21.0	32.0	36.0	20.0	30.0	17.0	25.0	73.0	65.0	-	-	0.3	2.3	NE	NW	-	-	2.0	2.8	18.5	29.0
8	21.0	21.0	36.0	31.5	20.5	29.0	20.0	23.0	95.0	58.0	2.0	-	1.5	2.7	NE	NE	10.8	-	2.0	1.6	19.5	30.0
9	20.5	24.5	36.5	34.0	24.0	31.0	22.5	26.0	87.0	66.0	2.0	-	0.7	4.6	NE	NE	-	-	1.2	2.4	21.0	30.5
10	22.0	22.5	37.0	29.0	25.5	28.0	22.5	23.0	76.0	64.0	-	-	1.0	6.3	NE	NE	-	1.6	2.0	-	21.5	26.0
11	21.0	23.5	38.0	31.0	22.5	28.0	19.5	22.5	74.5	60.0	2.0	-	2.6	3.5	NE	NE	-	-	1.2	1.6	19.5	28.0
12	19.0	21.5	29.0	32.5	19.5	28.0	16.5	23.0	72.5	64.0	-	2.0	1.4	3.7	NW	NW	-	-	1.6	2.0	18.5	29.0
13	24.0	20.5	30.0	34.5	20.0	28.5	16.0	23.5	64.0	64.0	-	-	0.4	3.0	NW	NW	-	-	2.4	2.4	16.0	19.5
14	24.0	20.0	30.5	34.0	19.5	30.0	19.0	26.0	95.0	72.0	-	-	0.2	2.5	NW	NW	-	-	2.8	2.8	16.5	30.0
15	22.5	21.5	31.5	35.5	20.5	29.0	16.5	23.0	64.5	58.0	-	-	0.1	2.7	NW	NW	-	-	2.0	3.2	17.5	30.0
16	22.0	22.0	35.0	36.0	21.0	31.0	17.5	30.0	69.0	93.0	-	-	0.1	2.4	NW	NE	-	-	1.6	2.4	18.0	31.0
17	20.0	24.5	37.0	35.5	22.0	32.0	19.5	26.0	78.0	61.0	-	2.0	0.5	5.8	NE	NE	-	-	2.8	3.2	21.0	30.0
18	19.5	25.5	36.0	37.0	25.5	31.0	25.0	27.0	96.0	72.5	-	-	1.5	2.8	NE	NE	-	-	3.2	3.6	20.5	31.5
19	20.5	26.0	37.0	36.5	23.5	32.0	20.0	25.5	71.0	58.0	-	-	0.8	6.5	NE	NE	-	-	2.4	3.2	20.0	31.0
20	20.0	24.5	36.5	36.0	24.0	30.0	20.0	26.0	68.0	72.0	-	-	1.3	2.9	NE	NE	-	-	3.6	3.2	20.0	31.0
21	18.0	26.5	36.0	37.5	24.5	31.0	20.5	26.5	68.0	69.0	-	-	0.1	2.4	NE	NE	-	-	2.0	2.4	19.5	31.5
22	18.0	23.5	37.0	38.5	23.5	31.0	18.5	24.5	59.5	57.0	-	-	0.3	2.8	NE	NE	-	-	2.8	2.4	19.0	32.5
23	19.0	25.0	34.0	40.0	25.0	33.0	19.0	24.0	54.0	45.0	-	-	0.5	3.3	NE	NE	-	-	2.8	3.2	20.5	34.0
24	19.0	27.0	38.0	42.0	26.0	34.0	21.0	22.0	62.0	32.0	-	-	0.9	3.1	SE	SW	-	-	2.0	3.6	21.0	34.0
25	18.5	27.5	37.0	41.5	26.5	36.0	20.5	27.0	55.5	48.0	2.0	2.0	1.1	5.3	SW	SW	-	-	2.8	3.2	22.0	34.5
26	22.5	23.0	37.5	41.5	27.0	34.0	21.5	32.0	59.0	86.0	-	-	0.8	2.4	SW	SW	-	-	2.8	3.6	22.5	35.0
27	20.5	27.0	40.0	42.0	26.5	37.5	21.0	37.0	96.0	96.0	2.0	-	0.7	2.2	SW	SW	-	-	2.4	2.8	23.0	35.5
28	22.5	24.0	40.5	42.5	27.5	38.0	21.5	37.5	56.5	96.0	-	-	0.8	4.2	SW	SW	-	-	3.6	4.8	23.5	35.0
29	24.5	30.0	38.0	42.0	28.5	35.5	22.0	28.0	54.5	54.5	-	-	2.3	3.7	NE	NE	-	-	3.6	4.4	23.0	35.0
30	25.0	25.5	37.0	43.0	28.0	36.0	36.0	22.0	57.0	38.0	-	2.0	2.0	5.3	NE	NE	-	-	3.2	4.8	24.0	34.0
31	23.0		38.0		28.0		37.0		64.0		-	-	1.6		NE		-	-	3.2		24.0	
Total	644.0	732.0	1100.1	1144.0	728.5	967.5	641.5	792.5	2175.5	1921.0	10.0	10.0	28.5	108.6			10.8	1.6	78.4	90.8	624.0	970.5
Average	20.8	23.6	35.5	36.9	23.5	31.2	20.7	25.6	70.2	62.0	0.3	0.3	0.9	3.5			0.3	0.1			20.1	31.3
	22.2		36.2		27.4		23.1		66.1		0.3		2.2				0.2		169.2		25.7	

Twice Daily Climatic Data

Station Code : EM000U7

Local River/Basin : Mahanadi

Station Name : Rajir
Sub-Division : Raipuu

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	26.0	30.0	39.0	43.0	28.0	37.0	21.5	28.5	54.0	60.0	2.0	2.0	2.3	4.6	NW	NW	-	-	4.8	4.0	23.0	34.0
2	26.0	32.0	37.0	40.0	31.0	36.0	26.0	30.0	66.0	63.0	2.0	2.0	2.2	5.2	NW	NW	-	-	3.6	4.4	25.5	35.0
3	26.5	30.5	36.5	41.5	30.0	36.5	24.0	36.0	59.0	96.0	-	2.0	1.9	6.2	NW	NW	-	-	2.4	5.6	25.0	34.5
4	26.0	30.5	37.5	41.5	29.5	37.0	28.0	30.0	89.0	58.5	2.0	-	1.5	7.2	SW	SW	-	-	3.6	5.6	24.5	34.0
5	25.5	31.0	38.0	42.0	30.5	38.0	26.0	36.0	68.5	87.0	2.0	2.0	1.6	6.1	SW	SW	-	-	3.6	4.8	25.5	34.5
6	26.0	31.0	39.0	41.5	30.0	38.0	28.0	32.0	85.0	64.0	2.0	2.0	2.8	6.0	SW	SW	-	-	3.6	4.8	25.0	37.5
7	25.5	33.0	39.5	42.5	32.5	38.0	31.5	31.0	93.0	59.0	2.0	-	1.9	5.1	SW	NW	-	-	3.2	4.0	24.0	34.5
8	25.0	30.0	39.0	43.5	29.5	39.5	25.0	26.5	68.0	33.5	-	-	1.8	3.5	SW	NW	-	-	3.6	5.6	23.0	35.5
9	24.0	30.0	39.5	43.0	26.5	34.0	23.0	26.0	73.0	51.0	-	-	0.7	3.6	NW	NW	-	-	3.2	4.0	23.5	34.5
10	23.0	31.5	42.5	41.5	26.0	33.5	21.5	27.0	66.0	58.5	-	-	0.6	3.2	NW	NW	-	-	3.6	3.6	23.0	34.0
11	21.5	26.0	37.0	41.0	24.5	34.0	19.5	26.0	60.5	51.0	-	-	0.4	2.8	NW	NW	-	-	3.6	4.8	21.0	34.0
12	20.5	30.0	35.5	43.0	27.5	33.0	21.0	31.0	53.5	86.0	-	-	1.0	2.8	NW	NW	-	-	3.6	4.8	22.0	34.5
13	21.5	28.5	34.5	44.0	27.5	37.0	21.0	35.0	53.5	87.0	-	-	1.2	3.2	SW	NW	-	-	3.6	3.6	23.0	37.0
14	20.5	21.5	38.0	43.0	29.0	31.5	20.0	23.0	40.0	45.5	2.0	-	1.9	4.2	NW	NW	-	-	4.0	4.8	22.5	35.0
15	21.5	30.0	42.5	44.0	29.0	38.0	21.0	32.0	46.0	64.0	2.0	-	1.8	5.4	NW	NW	-	-	3.6	5.2	23.0	35.5
16	24.0	30.0	40.0	44.5	24.0	38.0	21.0	28.0	75.0	45.0	-	-	1.6	4.9	NW	NW	-	-	2.8	5.2	22.5	35.5
17	25.0	26.0	40.5	44.0	31.5	31.0	25.5	26.5	60.5	49.0	-	-	0.4	3.2	SW	SW	-	-	3.2	3.6	25.0	35.5
18	25.0	31.5	39.5	44.0	29.0	37.0	24.5	24.5	68.0	35.0	-	-	0.8	4.2	NW	NW	-	-	3.6	3.6	24.5	36.5
19	25.5	32.0	39.5	44.0	30.5	36.5	24.0	28.0	56.5	50.5	2.0	-	1.8	4.9	NW	NW	-	-	3.6	4.0	24.5	36.5
20	26.0	32.0	39.5	43.0	30.0	38.0	24.0	30.0	59.0	54.0	-	2.0	2.6	6.7	NW	NW	-	-	4.0	5.2	24.5	35.0
21	26.5	34.0	40.0	43.0	26.5	38.0	23.5	22.0	76.5	20.0	2.0	2.0	3.2	8.5	NW	SW	-	-	4.0	5.6	24.0	33.0
22	22.0	33.5	39.5	43.0	32.0	38.0	23.0	21.0	44.0	17.0	2.0	2.0	2.9	7.3	SW	SW	-	-	4.0	6.0	24.0	34.0
23	24.0	32.0	42.0	43.0	32.5	37.5	21.0	22.0	79.0	23.5	-	2.0	2.1	6.5	SW	SW	-	-	4.0	6.4	23.5	33.5
24	25.0	30.5	40.0	41.0	29.0	38.0	19.5	28.0	37.0	45.0	2.0	2.0	3.3	8.8	NW	NW	-	-	4.0	6.4	23.5	32.0
25	25.0	30.5	38.5	41.0	28.5	37.5	21.5	20.0	51.5	16.0	2.0	2.0	2.6	7.1	NW	NW	-	-	5.2	6.4	24.0	32.5
26	24.0	33.0	38.5	42.0	31.0	38.0	20.0	30.0	32.5	54.0	2.0	2.0	1.8	5.0	NW	NW	-	-	4.0	4.8	23.0	33.5
27	24.5	31.5	39.5	42.5	30.0	38.0	20.0	31.0	36.0	59.0	2.0	2.0	0.8	4.9	NW	NW	-	-	4.4	4.8	24.5	34.0
28	24.0	31.5	39.0	42.5	30.0	39.0	23.0	30.0	53.0	50.5	2.0	2.0	1.1	4.4	NW	NW	-	-	4.0	4.4	24.0	35.0
29	24.0	31.0	40.0	44.0	28.0	37.0	22.0	25.0	57.0	35.0	-	-	1.0	4.2	NW	NW	-	-	4.4	4.4	24.0	35.0
30	24.5		39.5		38.5		21.0		17.5		-	-	2.3		NW		-	-	4.4		23.5	
Total	728.0	915.5	1170.5	1280.0	873.0	1097.5	690.5	839.0	1778.0	1587.0	32.0	28.0	51.6	153.5			0.0	0.0	113.2	143.6	712.5	1040.5
Average	24.3	30.5	39.0	42.7	29.1	36.6	23.0	28.0	59.3	52.9	1.1	0.9	1.7	5.1			0.0	0.0			23.8	34.7
	27.4		40.8		32.8		25.5		56.1		1.0		3.4				0.0		256.8		29.2	

* One or more data missing LDoPM Last day of previous month

Twice Daily Climatic Data

Station Name : Rajjin
Sub-Division : Raippu

Station Code : EM0000U7
Local River/Basin : Mahanadi

MAY 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	28.5	30.5	29.0	40.5	29.0	36.0	20.0	31.0	40.0	69.0	2.0	-	9.1	12.4	SE	NW	-	-	5.2	2.0	24.0	32.0
2	29.0	31.0	38.5	41.5	29.0	36.0	22.0	27.0	52.0	48.0	2.0	-	11.4	4.4	SE	NW	-	-	3.6	3.2	23.5	36.0
3	27.0	32.0	38.5	43.0	30.0	38.0	22.5	26.0	50.0	36.0	-	-	6.0	0.1	NW	NW	-	-	4.4	4.0	24.0	37.0
4	26.0	32.5	40.0	43.0	30.5	38.5	23.0	26.0	50.5	38.5	-	-	0.0	0.0	NW	NW	-	-	3.6	4.8	24.5	35.0
5	29.5	30.0	41.0	44.0	31.0	39.0	24.0	34.0	54.0	70.5	-	-	0.1	0.7	NW	NW	-	-	3.6	5.6	25.0	35.5
6	28.0	32.0	41.0	43.0	30.0	33.0	24.0	29.0	59.0	73.5	-	-	0.2	0.1	NW	NW	-	-	4.8	4.8	24.5	33.5
7	26.0	27.5	33.5	40.0	29.0	35.0	23.0	26.0	58.0	47.0	-	-	0.1	0.8	NW	SE	-	-	3.2	5.2	24.0	34.0
8	25.5	32.0	36.5	42.0	30.0	38.0	22.0	27.0	47.0	40.0	-	0.2	0.5	0.3	NW	NW	-	-	3.6	6.0	24.5	35.5
9	28.0	32.5	41.0	42.5	30.0	33.5	25.0	24.0	65.0	42.0	0.1	-	0.2	0.7	NW	SE	-	-	2.4	4.0	25.0	34.0
10	25.0	32.0	35.0	41.0	30.0	37.0	25.0	32.0	65.0	69.5	-	-	0.8	0.3	NE	NW	-	-	3.6	4.8	24.5	36.0
11	27.0	34.0	39.0	44.0	31.0	33.0	24.0	28.0	54.0	67.5	-	-	2.8	-	NW	NW	-	-	4.4	4.0	26.5	36.0
12	25.5	32.0	44.0	43.0	30.0	38.0	24.0	35.0	59.0	81.0	-	-	1.5	-	NE	NW	-	-	3.2	3.6	25.0	36.0
13	29.0	34.0	40.0	43.5	32.0	34.5	24.0	26.0	49.0	48.5	2.0	2.0	-	5.7	NE	SE	-	-	3.6	5.2	25.0	35.0
14	28.0	28.5	36.5	44.0	31.0	41.0	25.0	35.0	60.0	66.5	2.0	2.0	2.5	5.0	NE	NW	-	-	3.6	5.2	24.0	38.0
15	21.5	37.0	42.5	45.0	35.0	42.0	25.5	28.0	44.0	42.0	4.0	2.0	3.3	6.6	SW	NW	-	-	5.2	6.0	28.0	31.0
16	30.0	30.0	40.0	45.0	30.0	42.0	24.0	26.0	59.0	35.0	2.0	2.0	3.2	6.0	NW	NW	-	-	5.2	6.0	28.0	38.0
17	29.5	36.5	43.5	46.0	34.0	39.0	23.0	26.0	36.0	33.0	2.0	2.0	2.2	6.7	NW	NW	-	-	5.2	6.0	27.5	38.0
18	33.0	37.0	41.0	41.0	35.0	41.0	28.0	30.0	57.0	43.0	2.0	2.0	2.9	4.0	NW	NW	-	-	5.2	6.0	28.0	38.5
19	30.0	36.0	46.0	45.0	34.0	41.0	28.0	30.0	62.0	43.0	2.0	2.0	1.7	3.8	NW	NW	-	-	5.2	6.0	28.5	38.0
20	30.0	36.0	42.0	45.0	36.0	41.0	30.0	30.0	63.0	43.0	2.0	2.0	1.2	3.5	NW	NW	-	-	4.8	6.0	28.0	38.0
21	29.0	38.0	41.5	45.5	35.5	41.5	29.5	30.0	62.0	39.0	2.0	2.0	2.0	0.7	NW	NW	-	-	5.6	6.0	28.5	38.5
22	29.0	37.5	41.5	45.5	30.0	42.5	27.0	29.0	78.0	32.0	2.0	2.0	2.3	5.0	NW	NW	-	-	4.4	5.6	27.5	38.0
23	29.5	36.0	42.5	45.0	33.0	40.5	26.0	26.0	55.5	28.5	2.0	-	1.3	4.6	NW	NW	-	-	4.8	4.8	29.0	27.5
24	28.0	35.5	42.5	45.5	31.5	40.5	25.0	31.0	52.5	49.5	2.0	-	1.8	5.0	NW	NW	-	-	4.0	4.8	28.5	38.0
25	28.0	35.0	43.0	45.5	27.5	41.0	24.5	41.0	77.0	88.0	2.0	2.0	2.2	5.6	SW	NW	-	-	4.0	5.2	28.0	38.0
26	29.5	35.5	42.0	45.0	33.5	39.0	26.0	27.0	53.0	37.0	2.0	2.0	2.6	5.7	SE	NW	-	-	4.4	5.6	28.5	36.5
27	30.0	34.5	44.0	44.5	33.5	40.0	25.0	26.5	47.0	43.0	4.0	2.0	4.9	5.2	NW	NW	-	-	4.0	5.6	28.0	39.0
28	28.0	33.5	44.5	40.5	31.5	37.0	24.5	30.0	51.0	57.0	2.0	2.0	7.6	6.3	NW	NW	-	-	3.6	5.6	27.0	39.0
29	26.0	34.0	39.0	40.0	31.0	38.5	23.5	27.0	51.5	41.0	2.0	2.0	4.9	5.7	NW	NW	-	-	4.4	4.4	26.0	37.0
30	29.0	31.0	38.0	40.5	29.5	37.0	25.0	26.0	68.0	39.0	2.0	2.0	3.0	5.1	NW	NW	-	-	4.4	4.8	26.0	36.0
31	26.0	37.5	37.5	37.5	29.0	29.0	26.0	26.0	68.0	68.0	2.0	-	6.6	-	SW	SW	-	-	2.0	-	25.0	-
Total	868.0	1034.5	1244.5	1342.0	972.0	1192.0	768.0	898.5	1747.0	1540.5	46.1	34.2	88.6	115.2*			0.0	0.0	129.2	155.6	814.0	1117.5
Average	28.0	33.4	40.1	43.3	31.4	38.5	24.8	29.0	56.4	49.7	1.5	1.1	2.9	3.8*			0.0	0.0			26.3	36.0
	30.7		41.7		34.9		26.9		53.0		1.3		3.3*				0.0		284.8		31.2	

* One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan

Sub-Division : MMSD I,CWC, Raipur

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	34.0	32.0	44.0	42.0	37.0	39.0	27.0	27.0	44.0	40.0	-	-	0.3	0.4	SE	NE	-	-	-	-	-	-
2	34.0	39.0	46.0	44.0	36.0	38.0	27.0	27.0	48.0	40.0	-	-	0.2	1.3	SW	NW	-	-	-	-	-	-
3	35.0	38.0	46.0	45.0	36.0	37.0	29.0	28.0	58.0	49.0	-	-	0.9	1.5	SW	NW	-	-	-	-	-	-
4	33.0	35.0	45.0	43.0	33.0	37.0	28.0	27.0	66.0	44.0	-	-	0.8	1.1	SW	SW	-	-	-	-	-	-
5	32.0	35.0	38.0	42.0	34.0	36.0	28.0	27.0	62.0	48.0	0.0	-	1.3	0.9	NW	NE	-	-	-	-	-	-
6	34.0	34.0	38.0	43.0	33.0	38.0	27.0	28.0	61.0	45.0	-	-	0.7	0.4	NW	SW	-	-	-	-	-	-
7	35.0	35.0	44.0	41.0	33.0	38.0	28.0	28.0	68.0	45.0	0.0	-	1.4	0.2	NW	SW	-	-	-	-	-	-
8	31.0	32.0	39.0	42.0	30.0	39.0	26.0	28.0	77.0	41.0	0.0	0.8	1.0	1.7	SE	SE	6.4	-	-	-	-	-
9	32.0	33.0	40.0	43.0	32.0	39.0	27.0	29.0	67.0	46.0	-	0.6	1.1	1.7	SE	SE	-	-	-	-	-	-
10	32.0	32.0	40.0	44.0	34.0	40.0	28.0	28.0	62.0	38.0	-	-	0.8	0.8	SE	SE	-	-	-	-	-	-
11	32.0	36.0	40.0	46.0	36.0	38.0	27.0	28.0	48.0	45.0	-	-	0.8	1.4	NE	SE	-	-	1.8	1.7	32.0	36.0
12	32.0	37.0	40.0	44.0	35.0	36.0	26.0	27.0	62.0	48.0	0.0	-	2.1	0.7	NE	NW	-	-	2.0	3.6	30.5	36.5
13	31.0	34.0	37.0	42.0	32.0	37.0	27.0	26.0	67.0	38.0	0.0	-	1.3	1.0	SE	NE	0.2	-	2.3	2.0	30.5	35.0
14	30.0	32.0	43.0	42.0	33.0	36.0	26.0	28.0	55.0	53.0	0.0	0.0	1.8	1.3	SE	SE	0.4	-	4.0	4.0	28.0	36.5
15	33.0	27.0	39.0	44.0	36.0	39.0	26.0	26.0	43.0	33.0	-	-	0.4	0.7	SE	SE	-	-	3.7	4.0	29.5	37.0
16	34.0	31.0	39.0	43.0	34.0	29.0	27.0	26.0	56.0	78.0	-	-	0.3	0.5	SE	NE	-	-	3.7	7.3	29.5	31.5
17	30.0	30.0	33.0	38.0	29.0	29.0	26.0	26.0	78.0	78.0	-	-	0.2	0.1	SW	NW	6.4	-	1.8	2.8	27.0	33.0
18	30.0	30.0	33.0	32.0	28.0	28.0	26.0	25.0	85.0	77.0	-	-	0.9	0.1	SE	SW	4.0	-	4.0	2.0	26.5	34.0
19	30.0	32.0	34.0	33.0	31.0	32.0	27.0	26.0	73.0	61.0	-	-	0.5	1.0	NW	SW	4.2	-	2.0	2.0	28.0	34.0
20	31.0	32.0	35.0	36.0	30.0	30.0	27.0	27.0	78.0	78.0	-	-	0.6	0.6	SW	NE	-	-	2.0	1.7	28.0	36.0
21	31.0	32.0	36.0	41.0	31.0	37.0	26.0	29.0	66.0	53.0	-	-	0.6	0.3	SE	SW	-	-	1.9	2.0	28.5	36.5
22	32.0	34.0	38.0	40.0	32.0	36.0	27.0	29.0	67.0	58.0	-	-	0.0	0.6	SE	SW	-	-	1.7	3.0	29.0	36.0
23	32.0	35.0	40.0	43.0	34.0	35.0	28.0	26.0	62.0	47.0	-	-	0.3	1.1	SE	SE	15.6	-	2.0	4.0	29.5	36.0
24	29.0	30.0	36.0	39.0	28.0	30.0	25.0	26.0	77.0	72.0	-	-	0.2	0.6	SE	NE	10.8	-	23.7	-	26.0	31.0
25	30.0	31.0	32.0	39.0	32.0	34.0	27.0	28.0	67.0	62.0	-	-	0.0	0.0	SE	NW	-	-	1.5	1.8	28.5	36.5
26	31.0	32.0	35.0	41.0	32.0	29.0	27.0	26.0	78.0	78.0	-	-	0.1	0.7	NW	NW	13.2	-	1.8	8.0	29.0	33.5
27	29.0	29.0	31.0	38.0	30.0	34.0	28.0	28.0	85.0	62.0	-	-	0.2	0.2	NW	SW	-	-	0.5	1.2	28.0	33.0
28	27.0	30.0	30.0	35.0	32.0	32.0	29.0	27.0	62.0	67.0	-	-	0.6	1.4	NW	NW	13.2	-	10.0	1.3	27.0	32.5
29	29.0	30.0	32.0	32.0	29.0	32.0	26.0	26.0	78.0	61.0	-	-	1.0	3.4	SW	NW	-	-	-	4.0	26.0	33.0
30	30.0	34.0	34.0	32.0	32.0	32.0	27.0	27.0	67.0	67.0	-	-	0.8	0.8	SW	SW	-	-	1.5	-	26.0	-
Total	945.0	988.0	1137.0	1218.0	977.0	1052.0	810.0	814.0	1956.0	1622.0	0.1	1.4	20.9	26.4			34.8	39.6	71.9	56.4	567.0	657.5
Average	31.5	32.9	37.9	40.6	32.6	35.1	27.0	27.1	65.2	54.1	0.0	0.0	0.7	0.9			1.2	1.3	18.9	18.9	18.9	22.7
	32.2		39.3		33.8		27.1		59.6		0.0		0.8				1.2		128.3		208.0	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6
Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

JULY 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	29.0	36.0	31.0	40.0	31.0	34.0	26.0	30.0	66.0	74.0	-	-	0.2	0.1	SW	SE	-	53.4	4.0	2.2	30.0	33.5
2	31.0	28.0	33.0	30.0	29.0	29.0	27.0	28.0	85.0	92.0	-	-	0.7	0.2	SE	NE	40.4	5.0	48.0	31.0	26.5	28.5
3	27.0	28.0	30.0	31.0	28.0	30.0	26.0	27.0	85.0	78.0	-	0.0	0.4	1.2	NE	NE	7.4	1.0	17.7	1.1	26.0	28.0
4	27.0	27.0	29.0	30.0	27.0	29.0	25.0	26.0	84.0	78.0	-	0.0	1.9	13.8	SE	NE	3.2	3.0	4.0	2.0	25.0	28.5
5	26.0	27.0	29.0	29.0	27.0	28.0	26.0	26.0	92.0	85.0	0.0	0.0	2.2	2.4	NE	SE	1.0	4.4	5.0	3.7	25.0	29.0
6	26.0	25.0	29.0	30.0	25.0	25.0	24.0	25.0	92.0	92.0	0.0	-	2.8	2.8	SE	NE	5.8	2.8	4.0	4.0	25.0	28.0
7	27.0	27.0	28.0	28.0	27.0	26.0	25.0	25.0	84.0	92.0	0.0	0.0	1.9	2.6	NE	NE	-	1.0	0.5	0.3	25.0	27.0
8	26.0	27.0	26.0	31.0	26.0	28.0	24.0	26.0	84.0	85.0	-	-	1.6	0.4	SE	NW	1.6	-	0.2	0.5	24.5	30.0
9	27.0	27.0	29.0	34.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	0.2	0.5	NE	NW	-	-	-	1.8	26.0	29.5
10	27.0	28.0	31.0	33.0	27.0	30.0	26.0	27.0	92.0	78.0	-	-	0.7	0.3	NE	NE	5.2	-	4.0	1.1	26.0	31.0
11	27.0	28.0	31.0	33.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	0.5	0.3	NE	NW	-	-	1.4	0.3	26.5	31.5
12	27.0	27.0	33.0	30.0	27.0	27.0	25.0	24.0	84.0	77.0	-	0.0	0.9	2.2	SE	SE	-	0.4	4.4	2.0	26.5	27.0
13	26.0	28.0	28.0	30.0	25.0	28.0	24.0	26.0	92.0	85.0	-	-	1.1	1.6	SE	NE	6.0	50.6	4.5	1.0	24.0	28.0
14	27.0	28.0	29.0	33.0	27.0	29.0	27.0	26.0	94.0	92.0	-	-	0.1	1.1	SE	NW	1.0	-	-	0.3	27.0	29.0
15	28.0	28.0	28.0	33.0	27.0	26.0	26.0	24.0	92.0	92.0	-	-	0.3	1.3	SW	NE	22.4	8.8	44.0	-	25.5	29.5
16	26.0	27.0	28.0	29.0	26.0	26.0	25.0	24.0	92.0	84.0	-	-	0.8	0.9	NE	SE	8.2	27.6	6.0	8.0	24.5	27.0
17	26.0	28.0	27.0	32.0	27.0	30.0	25.0	27.0	94.0	78.0	-	-	0.4	0.9	NE	NE	10.6	5.6	9.4	0.7	25.0	31.5
18	28.0	27.0	29.0	32.0	27.0	29.0	25.0	27.0	84.0	85.0	-	-	0.5	0.9	SE	NE	5.8	3.6	29.4	-	25.0	32.0
19	25.0	27.0	30.0	30.0	27.0	27.0	26.0	25.0	92.0	84.0	-	-	1.8	2.0	NE	SE	8.8	0.2	9.0	2.0	25.0	29.0
20	27.0	28.0	28.0	35.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	1.2	1.3	SE	SE	-	-	-	2.0	26.0	33.0
21	27.0	29.0	29.0	35.0	29.0	30.0	27.0	27.0	84.0	78.0	-	-	0.2	0.2	NE	NW	-	9.0	0.3	2.0	28.0	33.0
22	27.0	29.0	29.0	35.0	29.0	30.0	27.0	27.0	84.0	78.0	-	-	0.1	0.2	NE	NE	-	-	0.5	2.0	27.0	32.0
23	28.0	29.0	29.0	36.0	29.0	30.0	27.0	28.0	85.0	85.0	-	-	0.1	0.3	NE	NW	-	-	28.5	8.4	28.5	32.5
24	28.0	29.0	30.0	37.0	28.0	32.0	26.0	28.0	85.0	73.0	-	-	0.2	0.2	NE	NE	-	7.6	1.7	9.7	27.0	32.0
25	29.0	30.0	33.0	35.0	30.0	30.0	27.0	27.0	79.0	79.0	-	-	0.0	0.4	NE	NW	-	2.2	-	2.5	27.0	35.5
26	28.0	30.0	30.0	34.0	27.0	30.0	25.0	26.0	84.0	72.0	-	-	0.1	1.0	NE	SE	-	-	0.7	3.0	28.0	34.5
27	29.0	28.0	31.0	35.0	28.0	29.0	26.0	26.0	85.0	78.0	-	-	-	1.0	SE	NE	-	-	1.0	1.0	26.0	33.5
28	28.0	27.0	30.0	36.0	29.0	32.0	27.0	27.0	85.0	67.0	-	-	0.1	2.4	SE	NW	0.8	-	-	1.0	26.5	33.0
29	30.0	30.0	33.0	36.0	29.0	30.0	25.0	26.0	71.0	72.0	-	-	1.1	2.0	SE	NE	-	-	0.7	2.0	27.5	35.0
30	29.0	34.0	32.0	36.0	32.0	32.0	28.0	27.0	67.0	67.0	-	-	0.5	1.6	SE	SE	-	-	2.0	2.0	28.0	34.5
31	27.0	33.0	33.0	33.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	0.5	0.5	SE	NE	21.8	-	18.0	-	26.0	26.0
Total	1823.0	851.0	896.0	986.0	832.0	876.0	772.0	792.0	2564.0	2405.0	0.0	0.0	22.8	47.3			150.0	201.4	248.4	98.8	786.5	929.0
Average	27.4	28.4	29.9	32.9	27.7	29.2	25.7	26.4	85.5	80.2	0.0	0.0	0.8	1.6			4.8	7.5	2.4	2.2	26.2	31.0
	27.9		31.4		28.5		26.1		82.8		0.0		1.2				6.1		347.2		28.6	

• One or more data missing 1DoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan

Sub-Division : MMMSD I,CWC,Raipur

AUGUST 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LpPM	28.0	34.0	34.0	31.0	28.0	28.0	28.0	28.0	79.0	79.0	-	-	1.1	1.1	NE	NE	2.4	-	2.0	-	27.0	34.5
1	27.0	32.0	35.0	31.0	28.0	28.0	26.0	27.0	85.0	72.0	-	-	0.9	0.6	NW	NE	2.4	-	2.0	-	27.0	34.0
2	28.0	31.0	33.0	30.0	28.0	30.0	26.0	27.0	85.0	78.0	-	0.0	0.8	1.8	NE	NE	6.0	-	3.3	-	27.5	32.0
3	27.0	30.0	32.0	27.0	26.0	27.0	25.0	26.0	92.0	92.0	-	0.0	1.7	2.4	SE	NW	12.8	10.6	9.4	2.0	25.5	30.0
4	26.0	28.0	29.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.5	2.4	SE	NE	5.6	46.4	8.0	12.0	25.5	28.0
5	27.0	28.0	29.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	1.2	1.0	SE	NE	13.0	1.6	12.0	29.0	26.5	27.0
6	27.0	33.0	28.0	27.0	27.0	26.0	25.0	25.0	84.0	92.0	-	0.0	1.2	3.5	SE	SE	0.4	1.2	8.5	2.0	27.0	27.0
7	26.0	27.0	27.0	25.0	27.0	24.0	24.0	24.0	77.0	77.0	0.0	-	7.3	4.9	SE	NE	59.0	-	54.0	0.5	24.5	27.5
8	26.0	28.0	33.0	27.0	29.0	29.0	25.0	26.0	84.0	78.0	-	-	2.6	2.1	NE	NW	-	-	1.0	0.9	26.5	32.5
9	27.0	30.0	31.0	27.0	29.0	29.0	25.0	26.0	84.0	78.0	0.0	0.0	1.3	3.3	SE	NE	-	-	1.1	2.0	26.0	30.5
10	26.0	30.0	31.0	26.0	28.0	25.0	26.0	26.0	92.0	85.0	-	-	1.6	3.2	SE	NE	16.4	-	14.0	-	24.5	27.5
11	27.0	28.0	31.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	1.0	2.8	SE	NE	0.4	-	1.0	1.8	25.5	30.5
12	27.0	29.0	31.0	27.0	29.0	29.0	25.0	26.0	84.0	78.0	-	0.0	1.5	2.6	NE	NE	10.2	-	8.0	-	26.5	31.0
13	27.0	29.0	32.0	29.0	29.0	30.0	27.0	27.0	85.0	78.0	0.0	0.0	2.0	4.2	NE	NE	-	1.8	1.2	-	24.5	30.5
14	27.0	28.0	32.0	29.0	28.0	29.0	26.0	26.0	85.0	78.0	-	0.0	3.6	3.9	NE	SE	-	0.4	2.0	2.0	27.5	31.5
15	27.0	28.0	31.0	26.0	29.0	29.0	25.0	26.0	92.0	78.0	-	-	0.2	6.3	NE	SE	-	0.4	-	1.7	27.0	29.0
16	27.0	28.0	29.0	27.0	27.0	27.0	26.0	25.0	92.0	84.0	-	-	1.0	8.4	NE	SE	-	4.6	6.4	2.8	26.0	27.0
17	26.0	28.0	29.0	25.0	26.0	26.0	24.0	24.0	92.0	84.0	-	-	2.0	2.9	NE	SE	8.6	-	2.5	-	24.0	27.0
18	26.0	27.0	29.0	26.0	26.0	26.0	24.0	24.0	84.0	84.0	-	-	0.9	3.9	SE	NE	-	-	0.9	2.8	25.0	32.0
19	27.0	28.0	29.0	27.0	28.0	30.0	24.0	25.0	77.0	65.0	-	-	6.2	7.0	NE	NE	-	-	2.0	2.0	24.5	32.0
20	27.0	30.0	36.0	28.0	28.0	29.0	24.0	26.0	71.0	78.0	-	0.0	0.7	2.8	NE	NE	-	-	2.0	2.0	25.5	33.0
21	27.0	29.0	31.0	28.0	28.0	31.0	25.0	26.0	77.0	67.0	-	-	0.9	1.8	SE	NE	-	-	2.0	-	25.5	32.5
22	28.0	32.0	33.0	28.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	0.3	1.8	NE	NE	-	-	0.8	2.0	27.0	29.5
23	27.0	29.0	34.0	28.0	28.0	30.0	26.0	26.0	85.0	72.0	-	-	0.8	2.6	NE	NE	-	-	5.2	2.0	26.5	32.5
24	28.0	31.0	36.0	28.0	28.0	32.0	26.0	28.0	85.0	73.0	-	-	0.1	0.3	NE	NE	6.4	-	1.0	1.0	27.0	34.5
25	29.0	30.0	35.0	30.0	29.0	29.0	27.5	26.0	82.0	78.0	-	-	0.1	0.8	NW	NE	-	1.6	2.5	1.4	28.0	35.0
26	28.0	28.0	34.0	28.0	31.0	31.0	26.5	28.0	88.0	78.0	-	-	0.4	0.3	NE	NE	3.6	-	1.6	1.6	26.5	32.5
27	28.0	30.0	32.0	29.0	31.0	31.0	26.5	27.0	81.0	79.0	-	-	0.6	1.0	NE	NW	-	-	1.1	1.8	27.0	35.0
28	29.0	31.0	38.0	31.0	33.5	27.0	28.5	27.0	72.0	68.0	-	-	0.5	0.2	SW	NW	-	1.4	0.8	3.4	28.5	36.0
29	30.0	32.0	38.0	31.0	32.0	28.0	29.0	29.0	79.0	78.0	-	-	-	-	NW	NW	-	-	-	2.0	27.5	33.5
30	30.0	30.0	34.0	27.0	31.0	27.0	25.0	28.0	84.0	79.0	-	-	0.1	0.7	SW	SE	-	-	-	1.8	26.5	33.0
31	27.0	28.0	28.0	28.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	0.3	0.3	NW	NW	13.8	-	12.0	-	26.5	-
Total	846.0	876.0	931.0	1010.0	854.0	902.5	793.5	814.5	2624.0	2471.0	0.0	0.0	42.1	80.6	-	-	152.6	76.0	161.4	85.3	813.0	968.0
Average	27.3	28.3	30.0	32.6	27.5	29.1	25.6	26.3	84.6	79.7	0.0	0.0	1.4	2.6	-	-	4.9	2.8	-	-	26.2	31.2
	27.8	31.3		28.3		25.9			82.2		0.0		2.0				3.9		246.7		28.7	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6
Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	27.0	28.0	32.0	35.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	0.3	1.2	NE	NE	-	-	1.2	1.8	-	32.5
2	27.0	28.0	29.0	34.0	27.0	31.0	25.0	28.0	84.0	79.0	-	-	1.3	2.4	NE	NE	2.0	49.0	1.0	15	25.0	33.0
3	27.0	27.0	31.0	31.0	27.0	26.0	26.0	25.0	92.0	92.0	-	-	1.2	3.8	NE	NE	-	-	-	48.3	26.0	26.0
4	27.0	27.0	29.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	1.0	-	0.2	0.7	NE	SE	21.4	3.4	-	3.0	25.0	27.0
5	27.0	27.0	27.0	30.0	27.0	27.0	25.0	25.0	84.0	92.0	-	-	0.6	0.6	SE	SE	-	-	-	2.8	25.0	27.0
6	27.0	27.0	30.0	34.0	27.0	30.0	24.5	26.0	84.0	92.0	-	1.0	0.2	1.0	SE	SE	-	-	-	-	26.0	32.0
7	27.0	28.0	30.0	29.0	27.0	30.0	25.0	26.0	82.0	92.0	-	-	0.5	0.8	SE	NE	-	-	1.0	-	25.0	27.0
8	28.0	29.0	28.0	30.0	28.0	28.0	25.0	26.0	77.0	85.0	-	-	0.3	1.4	SE	SE	1.2	0.2	1.4	-	24.0	29.0
9	28.0	29.0	29.0	30.0	26.0	28.0	25.0	27.0	92.0	92.0	-	-	0.7	0.5	NE	NW	2.8	10.8	8.4	11.4	26.0	32.0
10	28.0	29.0	30.0	33.0	29.0	29.0	27.0	26.0	85.0	87.0	-	-	0.8	0.6	SE	SE	9.6	16.4	6.4	-	26.0	30.0
11	28.0	28.0	29.0	34.0	28.0	29.0	25.0	28.0	88.0	85.0	-	-	0.1	0.1	SW	SE	7.6	-	12.0	1.7	25.0	32.0
12	27.0	29.0	28.0	33.0	27.0	29.0	26.0	26.0	84.0	72.0	-	-	0.3	0.3	SW	SW	0.8	-	3.4	2.0	26.0	32.0
13	28.0	29.0	29.0	37.0	28.0	28.0	26.0	26.0	85.0	79.0	1.0	-	0.1	0.7	SW	NW	4.8	-	1.1	2.2	26.0	34.0
14	28.0	29.0	32.0	36.0	28.5	30.0	26.0	28.0	85.0	72.0	-	-	0.1	0.5	NE	SE	-	-	2.0	2.0	26.0	33.0
15	28.0	29.0	32.0	36.0	29.0	31.0	26.0	27.0	85.0	72.0	-	-	0.2	0.6	NE	SW	-	-	1.3	2.0	27.0	37.0
16	28.0	29.0	33.0	38.0	28.0	31.0	26.0	27.0	75.0	85.0	-	-	0.5	0.1	NE	SW	-	-	2.0	1.4	27.0	32.0
17	28.0	31.0	33.0	34.0	29.0	32.0	27.0	29.0	74.0	68.0	-	-	-	-	NE	SE	-	-	5.4	2.0	27.0	36.0
18	28.0	31.0	34.0	36.0	29.0	33.0	26.0	28.0	79.0	85.0	2.0	-	-	-	NW	SE	-	-	1.8	2.0	27.0	34.0
19	29.0	31.0	34.0	37.0	28.0	33.0	26.0	29.0	68.0	73.0	-	-	-	-	NE	SW	7.8	-	1.4	2.0	25.0	30.0
20	28.0	32.0	33.0	38.0	29.0	31.0	26.0	28.0	85.0	72.0	-	-	0.4	0.6	SW	NE	-	-	1.8	1.0	26.0	32.0
21	29.0	30.0	32.0	36.0	28.0	31.0	26.0	27.0	85.0	85.0	-	-	0.2	0.6	SW	SW	-	-	1.3	1.0	25.0	32.0
22	30.0	31.0	31.0	35.0	29.0	31.0	26.0	27.0	88.0	78.0	-	-	0.5	0.6	NW	NW	-	0.4	2.0	-	26.0	26.0
23	29.0	30.0	30.0	35.0	30.0	30.0	28.0	26.0	85.0	85.0	-	-	0.4	0.6	SE	SE	-	-	24.0	0.9	25.0	31.0
24	28.0	30.0	31.0	32.0	27.0	30.0	25.5	27.0	78.0	85.0	-	-	0.4	0.6	SW	SE	-	1.2	5.7	11.0	26.0	30.0
25	28.0	29.0	30.0	34.0	28.0	30.0	26.0	26.0	78.0	92.0	-	-	0.4	0.4	SW	NE	-	4.4	14.0	1.0	25.0	31.0
26	28.0	28.0	30.0	37.0	27.5	29.0	26.0	27.0	80.0	85.0	-	1.0	0.1	0.4	SW	NW	16.6	15.6	1.0	1.0	25.0	32.0
27	28.0	27.0	30.0	28.0	28.0	28.0	26.0	24.0	76.0	85.0	-	-	0.3	0.1	SW	NW	3.6	-	6.0	1.0	27.0	34.0
28	28.0	27.0	30.0	29.0	28.0	26.0	26.0	24.0	85.0	72.0	-	-	0.1	1.3	NW	SE	10.8	1.2	5.4	2.0	27.0	33.0
29	28.0	33.0	30.0	35.0	28.0	28.0	26.0	26.0	92.0	78.0	-	-	0.3	1.3	NW	SW	-	-	1.8	1.0	26.0	31.0
30	28.0	35.0	35.0	38.0	28.0	28.0	26.0	26.0	85.0	-	-	-	-	-	NW	NW	5.2	-	24.0	-	25.0	-
Total	837.0	871.0	920.0	1010.0	838.0	886.0	776.0	799.0	2497.0	2469.0	4.0	2.0	10.5*	21.9	-	-	94.2	105.0	135.6	108.0	772.5	931.0
Average	27.9	29.0	30.7	33.7	27.9	29.5	25.9	26.6	83.2	82.3	0.1	0.1	0.4*	0.7	-	-	3.1	3.8	-	-	25.8	31.0
	28.5	32.2			28.7		26.3		82.8		0.1		0.5*				3.4		243.6		28.4	

Twice Daily Climatic Data

Station Code : EM000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	28.0	28.0	30.0	34.0	29.0	29.0	27.0	26.0	85.0	78.0	-	-	0.2	1.3	SW	SW	-	-	2.0	-	24.5	26.0
2	27.0	28.0	29.0	32.0	28.0	29.0	26.0	26.0	85.0	78.0	-	-	0.5	0.6	SW	SW	-	-	18.0	2.0	25.5	30.0
3	27.0	29.0	31.0	33.0	28.0	31.0	25.0	27.0	77.0	73.0	-	-	-	0.8	NW	SE	-	-	0.8	2.0	25.5	29.0
4	28.0	28.0	31.0	31.0	28.5	29.0	26.0	26.0	82.0	78.0	-	-	0.2	1.9	SE	NE	-	-	1.3	2.0	26.0	31.0
5	28.0	29.0	31.0	37.0	29.0	31.0	26.5	27.0	81.0	73.0	-	-	0.1	0.4	SE	NE	-	-	13.6	0.8	1.4	26.5
6	29.5	30.0	32.0	36.0	29.0	29.0	27.0	26.0	73.0	78.0	-	-	0.0	1.0	SE	SW	-	-	0.6	1.6	10.0	27.0
7	28.0	27.0	29.0	32.0	28.0	36.0	26.5	24.0	88.0	84.0	-	-	0.1	0.4	SE	SE	-	-	2.0	2.0	27.0	28.5
8	27.0	28.0	28.0	33.0	27.0	29.0	25.0	26.0	84.0	78.0	-	-	-	0.1	SE	SW	-	-	8.0	-	25.5	31.0
9	27.0	28.0	30.0	34.0	27.0	29.0	26.0	26.0	92.0	78.0	-	-	0.0	0.1	NW	NW	8.2	-	2.0	-	25.0	28.5
10	27.0	29.0	31.0	36.0	27.0	29.0	25.0	25.0	84.0	71.0	-	-	0.4	0.6	SE	SE	-	-	2.0	2.0	26.0	32.0
11	27.0	27.0	32.0	32.0	26.0	30.0	24.0	26.0	84.0	72.0	-	-	0.0	0.2	SE	NE	-	-	2.0	2.0	25.5	32.0
12	26.0	27.0	30.0	31.0	26.0	30.5	25.0	27.0	92.0	82.0	-	-	0.6	0.6	NE	SE	-	-	1.0	0.5	24.0	32.5
13	26.0	27.0	30.0	32.0	25.0	30.0	23.0	24.5	83.0	62.0	-	-	0.1	0.7	NE	NE	-	-	2.0	1.8	23.5	30.5
14	25.0	27.0	31.0	37.0	26.0	29.0	22.5	23.0	73.0	58.0	-	-	0.1	0.5	SE	NE	-	-	2.0	2.0	24.5	31.0
15	24.0	27.0	31.0	37.0	26.0	29.0	22.0	22.5	69.0	55.0	-	-	0.3	0.4	SE	SE	-	-	1.4	2.0	22.5	30.5
16	23.5	25.0	31.0	36.0	23.0	29.0	21.0	23.0	83.0	58.0	-	-	0.1	0.0	NE	SW	-	-	1.4	1.4	21.5	30.5
17	23.5	25.0	30.0	36.0	24.0	28.0	22.0	24.0	83.0	70.0	-	-	0.0	0.1	SW	SE	-	-	2.0	1.6	21.5	30.0
18	24.0	27.0	30.0	36.0	25.0	29.0	22.0	24.0	76.0	70.0	-	-	0.0	0.2	SE	SE	-	-	2.0	1.2	22.5	29.5
19	24.0	26.0	30.0	32.0	25.0	28.0	21.0	24.0	68.0	70.0	-	-	0.1	0.1	SE	SE	-	-	2.0	1.1	20.0	29.0
20	23.0	24.0	30.0	36.0	23.0	28.0	20.0	22.0	75.0	58.0	-	-	0.1	0.1	NE	SE	-	-	2.0	1.1	21.0	29.5
21	23.0	24.0	30.0	36.0	23.0	28.0	20.0	23.0	75.0	64.0	-	-	0.1	0.0	NE	SE	-	-	1.0	1.7	21.0	29.5
22	23.0	24.0	30.0	37.0	23.5	28.5	21.0	23.0	79.0	67.0	-	-	0.3	0.4	NE	SE	-	-	1.7	1.5	20.5	29.5
23	23.0	24.0	30.0	37.0	23.0	28.5	20.0	23.0	75.0	67.0	-	-	0.1	0.4	SE	NE	-	-	1.5	1.5	20.5	29.0
24	23.0	24.0	30.0	36.0	23.0	29.0	20.0	24.0	75.0	64.0	-	-	0.2	0.5	SE	SE	-	-	1.7	2.0	20.5	29.0
25	24.0	24.0	30.0	36.0	24.0	29.0	20.0	23.0	68.0	58.0	-	-	0.2	0.3	SE	SE	-	-	1.5	2.0	20.5	29.0
26	24.0	25.0	31.0	37.0	25.0	28.0	21.0	22.5	61.0	61.0	-	-	0.0	0.1	NE	SE	-	-	2.2	2.6	22.0	29.0
27	22.0	24.0	29.0	36.0	23.0	28.5	21.0	23.0	83.0	61.0	-	-	-	0.2	NW	SE	-	-	2.0	1.8	19.5	29.5
28	23.0	25.0	36.0	36.0	24.0	29.0	21.0	24.0	75.0	64.0	-	-	0.0	0.1	SW	SW	-	-	2.0	2.0	20.5	29.0
29	23.0	25.0	35.0	37.0	24.0	29.0	22.0	25.0	83.0	71.0	-	-	0.1	0.1	SE	SE	-	-	1.5	2.0	20.0	28.5
30	23.0	24.0	36.0	36.0	25.0	28.0	22.0	24.0	76.0	70.0	-	-	0.1	0.2	SE	SW	-	-	1.0	2.0	19.5	29.5
31	24.0	34.0	34.0	26.0	26.0	22.0	22.0	22.0	69.0	69.0	-	-	0.0	0.0	SW	SW	-	-	1.0	1.0	20.5	20.5
Total	777.5	837.0	958.0	1077.0	793.0	905.0	712.5	759.5	2443.0	2156.0	-	-	3.9	12.4	-	-	8.2	14.2	73.4	56.1	710.0	929.5
Average	25.1	26.4	30.9	34.7	25.6	29.2	23.0	24.5	78.8	69.5	-	-	0.1	0.4	-	-	0.3	0.6	-	-	22.9	30.0
	25.7	32.8		27.4		23.7			74.2		0.0		0.3				0.4		129.5		26.4	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6
Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	24.0	25.0	28.5	36.0	25.0	29.0	22.0	24.0	76.0	64.0	-	-	-	0.3	SE	SW	-	-	1.0	1.5	19.5	29.0
2	25.0	25.0	28.0	35.0	26.0	29.0	23.0	24.0	76.0	64.0	-	-	0.0	0.1	NE	SE	-	-	1.0	2.0	20.0	29.5
3	24.0	26.0	29.0	36.0	24.0	28.0	21.0	25.0	75.0	77.0	-	-	0.0	0.1	NW	SW	-	-	1.0	1.5	20.5	29.0
4	25.0	26.0	28.0	36.0	25.0	29.0	22.0	26.0	76.0	78.0	-	-	0.4	0.3	NE	SE	-	-	1.0	2.0	20.0	30.0
5	26.0	25.0	29.0	35.0	26.0	28.0	22.0	25.0	84.0	77.0	-	-	0.3	0.3	SE	NE	-	-	1.5	2.5	21.0	30.5
6	26.0	25.0	30.0	36.0	21.0	29.0	18.0	26.0	73.0	78.0	-	-	0.2	0.2	SE	SW	-	-	2.0	2.5	21.5	30.5
7	25.0	25.0	30.0	34.0	22.0	29.0	18.0	26.0	66.0	78.0	-	-	0.1	0.2	NE	SW	-	-	2.0	1.8	21.5	30.5
8	24.0	24.0	29.0	35.0	21.0	28.0	18.0	24.0	73.0	70.0	-	-	0.0	0.8	SE	SE	-	-	1.2	2.0	21.5	29.5
9	24.0	25.0	28.0	36.0	21.0	27.0	17.0	25.0	65.0	84.0	-	-	-	0.3	SW	SW	-	-	1.0	2.0	21.5	27.5
10	22.0	22.0	27.0	34.0	20.0	28.0	17.0	25.0	73.0	77.0	-	-	0.1	1.0	NE	SE	-	-	1.5	2.2	19.0	28.0
11	20.0	23.0	26.0	32.0	20.0	28.0	17.0	24.0	73.0	70.0	-	-	0.2	0.2	NE	SE	-	-	1.3	2.0	16.0	28.0
12	20.0	21.0	29.0	32.0	21.0	28.0	19.0	24.0	82.0	77.0	-	-	-	-	SW	SW	-	-	1.0	1.5	16.5	27.0
13	21.0	22.0	29.0	32.0	21.0	28.0	19.0	24.0	82.0	70.0	-	-	-	0.1	NW	SE	-	-	1.0	1.8	17.5	29.0
14	21.0	22.0	30.0	32.0	21.0	30.0	19.0	23.0	82.0	53.0	-	-	-	0.1	NW	SE	-	-	1.0	1.1	17.5	29.0
15	21.0	22.0	30.0	32.0	22.0	30.0	19.0	21.0	74.0	42.0	-	-	-	-	SW	SE	-	-	0.1	1.2	18.5	28.5
16	20.0	22.0	30.0	28.0	20.5	30.0	17.5	23.0	73.0	53.0	-	-	-	0.3	SW	SW	-	-	0.1	1.8	18.5	28.5
17	20.0	23.0	28.0	28.0	19.0	32.0	16.0	0.2	72.0	44.0	-	-	-	0.3	SW	SE	-	-	0.1	2.2	18.0	22.0
18	21.0	19.0	30.0	32.0	18.0	32.0	16.0	23.0	80.0	44.0	-	-	0.0	0.6	SE	SW	-	-	0.1	1.6	15.5	23.0
19	20.0	20.0	31.0	32.0	17.5	30.0	15.0	21.0	76.0	42.0	-	-	0.0	0.2	SE	SW	-	-	0.9	0.1	15.5	23.0
20	20.0	21.0	30.0	30.0	17.5	30.0	15.0	21.0	76.0	42.0	-	-	0.1	0.3	NE	SW	-	-	1.2	2.2	15.5	24.5
21	18.0	20.0	29.0	33.0	19.0	30.0	15.0	21.0	63.0	42.0	-	-	0.0	0.7	NE	SW	-	-	0.1	1.6	15.5	25.5
22	19.0	19.0	28.0	30.0	18.0	30.0	16.0	21.0	80.0	42.0	-	-	0.0	0.5	SE	SE	-	-	0.1	1.2	15.5	24.5
23	18.0	20.0	31.0	33.0	18.5	31.0	16.0	22.0	76.0	43.0	-	-	0.0	0.3	NE	SE	-	-	1.4	1.2	15.0	25.0
24	19.0	21.0	31.0	33.0	18.0	30.0	16.0	22.0	80.0	47.0	-	-	0.0	0.3	NE	SE	-	-	1.6	1.8	15.0	25.0
25	18.0	22.0	29.0	34.0	18.0	32.0	15.5	21.0	66.0	36.0	-	-	0.1	0.5	SE	SE	-	-	0.1	1.4	15.0	26.0
26	19.0	21.0	31.0	34.0	18.5	32.0	15.5	21.0	66.0	34.0	-	-	0.0	0.6	NE	NE	-	-	1.4	1.6	15.0	26.0
27	19.0	21.0	30.0	34.0	19.0	32.0	16.0	21.0	71.0	34.0	-	-	0.0	0.5	NE	SE	-	-	1.0	2.0	14.5	26.0
28	19.0	20.0	30.0	34.0	19.0	31.0	16.0	22.0	76.0	42.0	-	-	0.0	0.4	SE	SW	-	-	0.1	2.2	15.0	26.5
29	19.0	19.0	32.0	34.0	19.0	31.0	15.5	21.0	67.0	37.0	-	-	0.1	0.7	NE	SE	-	-	1.0	1.2	15.5	26.0
30	19.0		34.0		19.0		16.5		76.0		-	-	-	-	SW		-	-	0.8		15.0	
Total	636.0	670.0	884.5	998.0	614.5	890.0	528.5	672.2	2228.0	1712.0	-	-	1.8	10.3			0.0	0.0	27.4	51.7	526.0	816.5
Average	21.2	22.3	29.5	33.3	20.5	29.7	17.6	22.4	74.3	57.1	-	-	0.1	0.3			0.0	0.0			17.5	27.2
	21.8		31.4		25.1		20.0		65.7		0.0		0.2				0.0		79.1		22.4	

Twice Daily Climatic Data

Station Code : EM000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan

Sub-Division : MMSD I,CWC,Raipur

DECEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	19.0	20.0	32.0	34.0	22.0	31.0	21.0	21.0	37.0	-	-	-	0.5	SE	-	-	-	-	1.8	18	16.5	26.5
2	19.0	20.0	30.0	34.0	22.0	32.0	17.5	20.0	62.0	34.0	-	-	0.2	SE	-	-	-	-	0.6	8	16.5	26.5
3	19.0	22.0	31.0	32.0	20.5	31.0	18.5	24.0	62.0	29.0	-	-	0.1	SW	SW	-	-	-	0.6	-	17.0	25.0
4	19.0	23.0	31.0	32.0	20.0	32.0	18.0	24.0	81.0	53.0	-	-	-	SW	SW	-	-	-	1.3	13	17.5	26.0
5	19.0	24.0	32.0	32.0	20.0	29.0	18.0	22.0	80.0	53.0	-	-	-	0.1	SW	SE	-	-	-	1.0	17.0	26.5
6	0.2	22.0	30.0	32.0	18.5	29.0	16.0	22.0	85.0	52.0	-	-	0.2	SW	SW	-	-	-	1.4	17	15.5	27.0
7	18.0	21.0	30.0	31.0	18.5	29.0	16.0	21.5	76.0	52.0	-	-	-	NW	SW	-	-	-	0.6	-	15.5	24.5
8	18.0	19.0	30.0	30.0	18.5	29.0	16.5	21.0	80.0	46.0	-	-	-	0.2	SW	SE	-	-	1.4	0.9	15.5	25.0
9	18.0	19.0	29.0	30.0	18.0	27.0	16.0	21.0	80.0	56.0	-	-	0.2	SW	SW	-	-	-	0.9	1.0	15.5	24.0
10	16.0	18.0	28.0	31.0	17.0	28.0	15.0	21.5	80.0	54.0	-	-	-	0.2	NW	SE	-	-	1.4	1.0	14.0	24.0
11	16.0	18.0	28.0	30.0	17.0	28.0	16.0	22.0	90.0	58.0	-	-	-	0.1	SW	SW	-	-	1.2	0.8	14.5	24.5
12	16.5	18.0	28.0	30.0	17.5	27.0	16.0	21.0	85.0	56.0	-	-	0.0	0.1	NW	SE	-	-	0.6	0.8	14.5	24.5
13	17.0	19.0	28.0	32.0	18.0	28.0	16.0	21.0	80.0	51.0	-	-	0.0	0.1	SW	SW	-	-	0.8	0.8	15.0	25.0
14	18.0	19.0	30.0	32.0	18.5	28.0	15.0	22.0	76.0	57.0	-	-	0.0	-	SW	SW	-	-	0.6	0.9	14.5	25.0
15	18.0	19.0	30.0	32.0	18.0	30.0	16.0	21.0	80.0	42.0	-	-	0.0	0.2	NE	SE	-	-	0.9	1.0	15.0	24.0
16	18.0	17.0	30.0	30.0	18.0	28.0	15.0	20.0	71.0	45.0	-	-	-	0.1	NE	SE	-	-	0.6	1.2	15.5	23.5
17	16.0	19.0	30.0	30.0	17.5	29.0	14.0	20.0	65.0	40.0	-	-	-	1.1	SE	SE	-	-	0.6	1.8	15.5	23.5
18	15.0	19.0	29.0	30.0	19.0	29.0	15.0	20.0	63.0	40.0	-	-	0.0	-	SE	NE	-	-	1.7	1.6	15.0	24.0
19	14.0	20.0	28.0	30.0	18.0	26.0	15.0	18.0	71.0	42.0	-	-	0.3	0.8	SW	NE	-	-	1.4	0.6	14.0	23.5
20	14.0	19.0	29.0	28.0	15.0	26.0	15.0	17.0	71.0	36.0	-	-	0.1	0.8	SW	SE	-	-	1.6	0.4	14.0	23.5
21	14.0	18.0	28.0	30.0	14.0	26.0	11.0	18.0	67.0	42.0	-	-	-	0.3	NE	SE	-	-	1.3	0.8	13.0	22.5
22	15.0	18.0	26.0	30.0	15.0	25.0	13.0	18.0	78.0	47.0	-	-	-	0.3	NE	SE	-	-	1.4	0.8	12.0	23.0
23	15.0	16.0	26.0	29.0	15.0	24.0	12.5	18.0	73.0	53.0	-	-	0.0	0.8	NE	SW	-	-	1.6	1.0	12.0	23.0
24	15.0	15.0	26.0	29.0	15.0	25.0	12.5	18.0	73.0	47.0	-	-	-	0.1	NE	NE	-	-	1.4	0.8	12.0	21.0
25	15.0	17.0	27.0	29.0	14.0	25.0	12.0	17.5	78.0	47.0	-	-	-	0.2	NW	NE	-	-	0.6	1.4	12.0	22.0
26	14.0	16.0	27.0	30.0	16.0	22.0	14.0	15.0	79.0	45.0	-	-	-	0.1	NE	NE	-	-	1.0	1.0	13.0	22.0
27	14.0	16.0	25.0	29.0	16.0	21.0	13.0	16.0	69.0	57.0	-	-	-	0.7	SE	SE	-	-	1.0	1.0	12.0	23.0
28	15.0	16.0	22.0	29.0	14.0	21.0	13.0	15.0	89.0	49.0	-	-	-	0.1	SW	SW	-	-	0.8	0.7	12.0	23.0
29	15.0	16.0	22.0	29.0	16.0	21.0	14.0	15.0	79.0	49.0	-	-	-	0.1	SW	SE	-	-	0.6	0.8	12.0	22.5
30	15.0	16.0	22.0	31.0	15.0	22.0	13.5	17.0	78.0	52.0	-	-	-	0.1	NW	SE	-	-	1.2	0.6	12.5	25.0
31	16.0	23.0	23.0	16.0	16.0	16.0	14.0	14.0	79.0	79.0	-	-	-	-	NW	-	-	-	1.4	-	13.0	-
Total	490.7	578.0	867.0	951.0	537.5	870.0	464.5	608.5	2360.0	1473.0	-	-	0.5	7.6	-	-	0.0	0.0	31.3	29.7	442.5	749.0
Average	15.8	18.6	28.0	30.7	17.3	28.1	15.0	19.6	76.1	47.5	-	-	0.0	0.2	-	-	0.0	0.0	14.3	14.3	14.3	24.2
	17.2	29.3	22.7	17.3	22.7	17.3	17.3	61.8	61.8	0.0	0.1	0.1	0.1	0.1	-	-	0.0	0.0	61.0	61.0	19.2	19.2

* : One or more data missing LDoPM : last day of previous month

Twice Daily Climatic Data

Station Code : EM000R6
Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
UpPM																						
1	16.0	16.0	23.0	31.0	17.0	23.0	17.0	17.0	52.0				0.2		NE				1.0		17.30	24.0
2	16.0	19.0	24.0	31.0	18.0	23.0	16.0	18.0	80.0				0.5		NW		5.6		1.2		15.5	26.0
3	16.0	20.0	20.0	29.0	19.0	23.0	17.0	19.0	81.0				0.1		SE				4.8		16.0	23.0
4	17.0	19.0	19.0	29.0	16.0	25.0	14.0	20.0	79.0				1.2		SE				2.0		14.0	23.0
5	17.0	18.0	27.0	31.0	15.0	24.0	13.0	19.0	60.0				0.1		SE				1.7		13.0	23.0
6	17.0	18.0	28.0	32.0	16.0	24.0	14.0	18.0	79.0				0.0		SE				1.2		13.0	23.0
7	16.0	17.0	25.0	32.0	17.0	25.0	15.0	19.0	80.0				0.2		SE				1.0		14.0	23.0
8	16.0	17.0	26.0	31.0	17.0	26.0	15.0	20.0	80.0				0.2		SE				0.9		14.0	23.5
9	17.0	18.0	27.0	32.0	17.0	25.0	15.0	19.0	80.0				0.1		SE				1.0		16.5	21.5
10	20.0	20.0	27.0	27.0	18.0	23.0	17.0	19.0	90.0				0.0		SE				1.0		15.5	21.5
11	19.0	20.0	24.0	29.0	17.0	22.0	15.0	17.0	80.0				0.0		SE				0.8		12.0	20.5
12	15.0	16.0	23.0	29.0	15.0	24.0	12.0	16.0	68.0				0.0		SE				1.0		10.5	22.0
13	14.0	18.0	25.0	29.0	17.0	23.0	12.0	16.0	52.0				0.0		SE				1.4		11.0	21.5
14	14.0	14.0	24.0	29.0	14.0	23.0	10.0	17.0	57.0				0.1		SE				1.0		10.5	22.0
15	13.0	14.0	25.0	30.0	14.0	24.0	11.0	18.0	67.0				0.0		SE				1.2		14.0	23.0
16	14.0	15.0	25.0	30.0	14.0	25.0	11.0	19.0	67.0				0.0		NE				1.0		15.0	24.0
17	15.0	17.0	25.0	32.0	16.0	26.0	14.0	20.0	79.0				0.1		NW				1.0		16.0	25.0
18	17.0	18.0	26.0	32.0	18.0	25.0	16.0	20.0	80.0				0.7		SW				0.5		16.0	26.0
19	19.0	19.0	26.0	33.0	18.0	27.0	16.0	20.0	80.0				0.2		SW				0.5		15.0	24.0
20	19.0	19.0	27.0	32.0	18.0	26.0	16.0	21.0	80.0				0.1		SE		0.2		1.0		15.0	24.0
21	19.0	19.0	32.0	32.0	19.0	27.0	16.0	20.0	72.0				0.1		NW				2.0		14.0	25.0
22	18.0	18.0	28.0	29.0	18.0	27.0	16.0	21.0	80.0				0.0		NW				1.0		14.0	24.0
23	19.0	19.0	27.0	30.0	18.0	26.0	16.0	22.0	80.0				0.2		SE				0.5		15.0	24.0
24	18.0	19.0	28.0	32.0	19.0	26.0	15.0	20.0	63.0				0.3		SE				1.0		15.0	24.0
25	19.0	19.0	29.0	31.0	18.0	25.0	16.0	20.0	80.0				0.1		NW				0.5		15.0	24.0
26	18.0	18.0	29.0	30.0	18.0	26.0	17.0	21.0	90.0				0.1		NW				0.5		16.0	25.5
27	17.0	20.0	29.0	32.0	19.0	27.0	17.0	21.0	81.0				0.2		SW				0.8		15.0	24.0
28	19.0	21.0	28.0	32.0	20.0	27.0	15.0	21.0	56.0				0.2		SE				1.0		15.0	26.0
29	18.0	20.0	27.0	31.0	18.0	26.0	14.0	18.0	62.0				0.1		SE				0.8		15.5	25.5
30	18.0	20.0	26.0	33.0	17.0	26.0	14.0	19.0	70.0				0.1		SW				0.6		15.5	25.5
31	17.0	28.0	28.0		18.0		14.0		62.0				0.1		NE				1.8		15.0	
Total	527.0	561.0	807.0	952.0	533.0	772.0	453.0	592.0	2303.0	1719.0			1.2	32.2			0.2	5.6	36.9	30.2	447.0	734.0
Average	17.0	18.1	26.0	30.7	17.2	24.9	14.6	19.1	74.3	55.5			0.0	1.0			0.0	0.3			14.4	23.7
	17.5		28.4		21.0		16.9		64.9		0.0		0.5				0.2		67.1		19.0	

Twice Daily Climatic Data

Station Code : EM0000RG
Local River/Basin : Mahanadi

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

FEBRUARY 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	17.0	20.0	28.0	30.0	17.0	26.0	15.0	19.0	80.0	49.0	-	-	0.1	0.1	SE	SW	-	-	1.0	2.4	15.5	25.5
2	16.0	20.0	29.0	31.0	17.0	25.0	15.0	18.0	80.0	47.0	-	-	0.2	0.2	NE	SE	-	-	1.4	2.0	15.0	26.0
3	16.0	19.0	30.0	30.0	17.0	25.0	16.0	18.0	90.0	47.0	-	-	0.1	0.4	NW	NE	-	-	1.8	2.6	14.5	26.0
4	17.0	20.0	27.0	29.0	17.0	24.0	14.0	17.0	70.0	46.0	-	-	0.2	0.1	NW	NE	-	-	2.0	1.8	14.0	25.0
5	17.0	19.0	28.0	29.0	16.0	25.0	14.0	17.0	79.0	41.0	-	-	0.1	0.1	SE	SW	-	-	1.4	2.4	15.0	26.0
6	18.0	19.0	29.0	31.0	16.0	27.0	15.0	19.0	89.0	44.0	-	-	0.1	0.6	NE	NE	-	-	1.8	1.8	15.0	25.5
7	20.0	20.0	29.0	32.0	18.0	28.0	16.0	20.0	80.0	45.0	-	-	0.1	0.2	SE	SW	-	-	1.4	2.1	17.0	26.0
8	19.0	20.0	29.0	34.0	18.0	28.0	15.0	19.0	71.0	39.0	-	-	0.2	0.3	NW	SE	-	-	1.5	1.5	18.5	26.5
9	21.0	19.0	29.0	33.0	19.0	27.0	15.0	19.0	63.0	44.0	-	-	0.1	0.1	SE	SW	-	-	1.6	1.0	17.0	26.0
10	20.0	19.0	28.0	34.0	18.0	28.0	15.0	19.0	71.0	39.0	-	-	0.1	0.2	NW	SW	-	-	1.3	1.3	17.5	27.0
11	19.0	18.0	29.0	33.0	20.0	27.0	17.0	18.0	73.0	38.0	-	-	0.3	0.3	NW	NE	-	-	1.8	1.9	17.0	24.0
12	18.0	16.0	28.0	30.0	19.0	27.0	16.0	18.0	72.0	38.0	-	-	1.9	0.3	SW	NE	-	-	1.3	1.4	15.5	26.0
13	18.0	18.0	26.0	30.0	19.0	28.0	17.0	18.0	81.0	33.0	-	-	0.7	0.7	SW	SW	-	-	1.6	1.6	15.5	26.0
14	20.0	20.0	28.0	32.0	21.0	28.0	18.0	19.0	73.0	39.0	-	-	0.1	0.4	SE	SW	-	-	0.1	2.0	15.5	27.0
15	20.0	21.0	30.0	34.0	22.0	26.0	16.0	19.0	50.0	49.0	-	-	0.4	0.4	NW	SE	-	-	1.8	2.0	17.0	27.0
16	20.0	22.0	28.0	34.0	18.0	28.0	15.0	19.0	71.0	39.0	-	-	0.0	0.4	SE	NE	-	-	1.2	2.0	16.5	28.0
17	20.0	23.0	31.0	35.0	19.0	27.0	16.0	19.0	72.0	44.0	-	-	0.5	0.5	SE	SE	-	-	1.7	2.2	17.0	28.0
18	20.0	24.0	31.0	35.0	20.0	28.0	18.0	18.0	66.0	33.0	-	-	0.2	0.5	NW	NE	-	-	1.8	2.4	17.5	28.0
19	20.0	23.0	32.0	36.0	22.0	30.0	17.0	20.0	58.0	36.0	-	-	0.1	0.9	SW	NE	-	-	2.8	2.4	17.0	28.0
20	20.0	22.0	30.0	37.0	22.0	30.0	17.0	22.0	58.0	47.0	-	-	0.0	0.0	SE	SW	-	-	2.8	3.0	17.0	28.0
21	21.0	23.0	32.0	39.0	22.0	32.0	18.0	21.0	66.0	34.0	-	-	0.2	1.3	SW	NE	-	-	2.4	2.4	18.0	28.5
22	22.0	24.0	33.0	38.0	22.0	31.0	17.0	20.0	58.0	33.0	-	-	0.2	0.4	SE	SW	-	-	2.6	2.8	18.0	29.0
23	22.0	23.0	34.0	37.0	23.0	31.0	17.0	20.0	52.0	33.0	-	-	0.0	0.1	SW	SE	-	-	2.6	2.8	19.0	28.0
24	21.0	23.0	32.0	37.0	22.0	31.0	17.0	20.0	58.0	32.0	-	-	0.3	0.5	SW	SW	-	-	2.8	3.0	19.0	28.0
25	19.0	23.0	32.0	38.0	21.0	31.0	15.0	21.0	49.0	38.0	-	-	0.3	0.3	SE	SW	-	-	2.0	3.0	15.5	28.0
26	18.0	23.0	32.0	38.0	22.0	30.0	18.0	21.0	65.0	42.0	-	-	0.2	0.8	SE	SW	-	-	2.0	2.8	16.0	28.5
27	20.0	23.0	32.0	38.0	21.0	30.0	16.0	20.0	57.0	58.0	-	-	0.2	-	NE	SW	-	-	2.2	2.8	17.0	29.0
28	21.0	33.0	33.0	20.0	20.0	14.0	14.0	45.0	45.0	-	-	-	0.1	-	NE	-	-	-	2.0	-	15.0	-
Total	540.0	585.0	839.0	946.0	548.0	784.0	449.0	537.0	1897.0	1156.0	-	-	5.0	10.1	-	-	0.0	0.0	49.1	61.4	462.0	754.5
Average	19.3	20.9	30.0	33.8	19.6	28.0	16.0	19.2	67.8	41.3	-	-	0.2	0.4	-	-	0.0	0.0	16.5	21.7	16.5	26.9
	20.1		31.9	23.8		17.6			54.5		0.0		0.3				0.0		110.5		21.7	

Station Name : Seorinarayan
Sub-Division : MMSD I,CWC,Raipur

MARCH 2017

26

Twice Daily Climatic Data

Station Code : EM000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan

Sub-Division : MMMSD I,CWC,Raipur

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	33.0	32.0	40.0	44.0	30.0	38.0	20.0	24.0	35.0	28.0	-	-	0.1	1.0	SW	SW	-	-	3.0	3.8	23.0	33.0
2	30.0	32.0	40.0	43.0	29.0	36.0	20.0	22.0	40.0	26.0	-	-	0.1	1.4	SE	NE	-	-	3.0	3.5	23.0	32.0
3	31.0	33.0	39.0	44.0	32.0	37.0	24.0	22.0	49.0	23.0	-	-	0.1	0.6	NE	NE	-	-	3.0	4.0	23.0	33.0
4	31.0	33.0	39.0	43.0	33.0	37.0	25.0	25.0	50.0	25.0	0.4	0.2	1.0	1.6	SE	SW	-	-	2.6	3.2	25.0	33.0
5	31.0	34.0	38.0	44.0	33.0	38.0	25.0	27.0	50.0	35.0	-	-	0.7	1.4	SE	SE	-	-	2.6	3.4	25.5	35.0
6	33.0	33.0	39.0	44.0	34.0	38.0	27.0	26.0	56.0	40.0	-	-	0.1	0.7	SE	SE	-	-	3.6	4.0	26.5	35.0
7	32.0	33.0	39.0	44.0	33.0	40.0	26.0	26.0	56.0	36.0	-	-	0.1	0.8	NE	SW	-	-	3.2	3.6	25.5	34.0
8	33.0	32.0	39.0	44.0	38.0	38.0	24.0	24.0	64.0	30.0	-	-	0.1	0.5	SW	SW	-	-	2.6	3.8	25.0	34.0
9	30.0	34.0	40.0	44.0	32.0	40.0	22.0	23.0	39.0	20.0	-	-	0.1	0.7	SE	SE	-	-	2.8	4.0	25.0	34.0
10	30.0	33.0	42.0	43.0	30.0	38.0	18.0	26.0	26.0	26.0	-	-	0.1	1.1	SW	SW	-	-	2.6	3.6	24.0	32.0
11	31.0	33.0	40.0	43.0	29.0	36.0	20.0	22.0	40.0	26.0	-	-	0.4	0.4	SE	NE	-	-	2.4	4.0	24.0	33.0
12	28.0	32.0	36.0	43.0	30.0	35.0	21.0	22.0	42.0	28.5	-	0.2	0.2	1.0	SW	NE	-	-	2.9	3.2	24.0	33.0
13	30.0	31.0	36.0	44.0	30.0	38.0	20.0	24.0	36.0	28.0	-	-	0.2	-	SW	SW	-	-	2.8	3.6	24.0	34.0
14	28.0	34.0	40.0	44.0	32.0	38.0	20.0	24.0	29.0	28.0	-	-	0.4	-	SW	SW	-	-	2.6	3.6	23.0	34.0
15	30.0	32.0	40.0	44.0	31.0	39.0	23.0	25.0	48.0	29.0	-	-	0.1	0.4	SE	SW	-	-	3.0	4.0	23.0	35.0
16	30.0	32.0	40.0	44.0	31.0	38.0	23.0	24.0	48.0	28.0	-	-	0.3	0.3	SE	SW	-	-	3.0	3.6	24.0	34.0
17	31.0	32.0	42.0	43.0	30.0	38.0	25.0	26.0	64.0	38.0	-	-	1.0	0.4	SE	SW	-	-	3.2	4.0	26.0	35.0
18	31.0	33.0	39.0	44.0	33.0	38.0	28.0	27.0	67.0	40.0	-	-	0.1	0.2	SW	SE	-	-	3.3	3.6	26.0	35.0
19	32.0	33.0	40.0	44.0	33.0	38.0	25.0	28.0	50.0	39.0	-	-	-	0.5	SW	SE	-	-	3.4	3.8	26.0	34.0
20	30.0	35.0	38.0	45.0	33.0	39.0	25.0	23.0	50.0	22.0	-	-	0.5	1.3	NE	NE	-	-	3.4	3.6	25.0	35.0
21	31.0	35.0	40.0	44.0	34.0	40.0	23.0	25.0	38.0	27.0	-	-	0.4	1.8	NE	SW	-	-	3.2	3.6	26.0	35.0
22	32.0	35.0	41.0	44.0	36.0	40.0	24.0	25.0	34.0	27.0	-	0.6	0.8	0.1	SW	SE	-	-	3.4	3.8	25.0	33.0
23	32.0	35.0	42.0	46.0	32.0	40.0	21.0	23.0	34.0	20.0	-	-	0.6	1.0	SE	SW	-	-	3.4	3.6	25.0	33.0
24	31.0	35.0	41.0	44.0	39.0	38.0	22.0	24.0	31.0	28.0	-	0.2	0.2	1.5	SW	SW	-	-	3.6	3.8	25.0	33.0
25	30.0	33.0	40.0	45.0	33.0	40.0	22.0	23.0	35.0	24.0	-	0.2	0.5	0.1	SE	SW	-	-	3.6	4.0	24.0	33.0
26	30.0	35.0	39.0	45.0	34.0	38.0	23.0	22.0	36.0	20.0	-	-	0.4	0.5	NE	NE	-	-	3.6	3.8	25.0	32.0
27	31.0	35.0	39.0	45.0	33.0	38.0	21.0	24.0	31.0	22.0	-	-	0.5	0.2	SE	SE	-	-	3.6	4.4	24.0	23.0
28	31.0	35.0	40.0	45.0	32.0	40.0	21.0	25.0	34.0	27.0	-	-	0.6	0.4	SE	SE	-	-	3.4	4.0	24.0	31.0
29	30.0	34.0	40.0	46.0	31.0	39.0	21.0	24.0	37.0	25.0	-	-	-	0.5	SE	SE	-	-	3.0	4.2	23.0	34.0
30	31.0	39.0	39.0	32.0	32.0	32.0	22.0	22.0	39.0	39.0	-	-	0.3	-	NE	NE	-	-	3.2	-	23.0	-
Total	924.0	999.0	1187.0	1322.0	972.0	1148.0	681.0	728.0	1288.0	835.5	0.4	1.4	9.9	21.0	-	-	0.0	0.0	93.0	112.5	734.5	1001.0
Average	30.8	33.3	39.6	44.1	32.4	38.3	22.7	24.3	42.9	27.9	0.0	0.0	0.3	0.7	-	-	0.0	0.0	-	-	24.5	33.4
	32.1	-	41.8	-	35.3	-	23.5	-	35.4	-	0.0	-	0.5	-	-	-	0.0	-	205.5	-	28.9	-

Twice Daily Climatic Data

Station Code : EM0000R6

Local River/Basin : Mahanadi

Station Name : Seorinarayan

Sub-Division : MMSD I,CWC,Raipur

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	34.0	39.0	45.0	39.0	24.0	24.0	24.0	24.0	25.0	25.0	0.0	0.0	0.4	0.4	SE	SE	0.0	0.0	4.3	4.3	34.0	34.0
1	32.0	34.0	41.0	40.0	44.0	37.0	21.0	24.0	27.0	31.0	-	-	0.5	1.3	SW	SE	-	-	3.0	3.0	25.0	32.0
2	31.0	33.0	38.0	43.0	32.0	37.0	24.0	25.0	49.0	35.0	-	-	0.7	0.7	SE	SW	-	-	3.0	3.2	24.0	34.0
3	32.0	35.0	40.0	45.0	33.0	38.0	23.0	23.0	40.0	24.0	-	-	0.0	0.2	SE	SE	-	-	3.0	3.8	22.0	35.0
4	32.0	35.0	41.0	54.0	33.0	38.0	23.0	25.0	40.0	32.0	-	-	0.2	0.6	NE	NE	-	-	3.4	3.6	25.0	34.0
5	33.0	35.0	41.0	45.0	34.0	40.0	23.0	24.0	36.0	23.0	-	-	0.1	0.5	SW	SW	-	-	3.4	3.8	26.0	35.0
6	34.0	34.0	42.0	45.0	34.0	37.0	24.0	23.0	41.0	27.0	-	-	0.1	0.6	SE	SE	-	-	3.6	3.8	28.0	33.0
7	30.0	33.0	38.0	44.0	31.0	38.0	23.0	25.0	48.0	32.0	-	-	0.8	1.2	SW	SE	-	-	3.4	3.7	25.0	35.0
8	31.0	35.0	40.0	44.0	33.0	40.0	23.0	24.0	40.0	32.0	-	-	0.3	1.2	SE	SE	-	-	3.2	3.6	26.0	35.0
9	34.0	35.0	42.0	44.0	34.0	48.0	24.0	26.0	41.0	36.0	-	-	0.5	0.7	SW	NE	-	-	3.0	3.5	25.5	34.0
10	33.0	34.0	40.0	45.0	33.0	41.0	24.0	26.0	45.0	28.0	-	-	0.4	0.2	SE	SW	-	-	3.0	3.6	26.0	34.0
11	32.0	35.0	42.0	44.0	34.0	32.0	25.0	24.0	46.0	49.0	-	-	0.0	1.8	SW	SE	-	7.2	3.2	2.0	27.0	31.0
12	30.0	34.0	44.0	42.0	32.0	38.0	24.0	27.0	49.0	40.0	-	-	0.3	0.3	NE	SW	-	-	3.0	3.6	25.5	35.0
13	32.0	36.0	41.0	45.0	34.0	38.0	25.0	26.0	46.0	36.0	-	-	0.0	1.4	SE	SW	-	-	3.2	3.6	27.0	35.0
14	33.0	36.0	40.0	46.0	35.0	41.0	25.0	26.0	42.0	38.0	-	-	0.4	1.1	SW	SW	-	-	3.0	3.8	26.0	36.0
15	34.0	37.0	43.0	46.0	36.0	41.0	24.0	26.0	34.0	28.0	-	-	0.2	1.0	SE	NW	-	-	3.4	3.6	28.0	24.0
16	36.0	38.0	43.0	47.0	36.0	43.0	24.0	26.0	34.0	23.0	-	-	0.1	0.4	SW	NW	-	-	3.6	4.0	28.0	36.0
17	35.0	38.0	44.0	47.0	36.0	42.0	24.0	25.0	34.0	22.0	-	-	0.1	0.7	SE	SW	-	-	3.4	4.0	28.0	36.0
18	35.0	39.0	44.0	47.0	37.0	43.0	25.0	26.0	35.0	23.0	-	-	0.1	0.3	SE	SE	-	-	3.2	6.5	29.0	37.0
19	30.0	34.0	41.0	45.0	34.0	39.0	25.0	26.0	46.0	33.0	-	-	1.1	0.3	NW	SE	-	-	3.2	4.2	26.5	35.0
20	33.0	36.0	40.0	46.0	35.0	40.0	26.0	25.0	47.0	27.0	-	-	0.1	0.6	NE	SE	-	-	3.3	4.2	28.0	36.0
21	34.0	37.0	41.0	47.0	34.0	41.0	25.0	25.0	46.0	24.0	-	-	0.3	0.3	NW	NE	-	-	3.4	4.8	27.0	36.5
22	35.0	37.0	42.0	47.0	35.0	42.0	24.0	26.0	37.0	25.0	-	-	0.0	0.7	SW	SE	-	-	3.2	5.2	27.5	36.0
23	34.0	38.0	43.0	47.0	36.0	41.0	24.0	26.0	34.0	28.0	-	-	0.0	0.3	SW	NE	-	-	3.5	4.9	27.5	36.5
24	34.0	39.0	43.0	48.0	37.0	42.0	25.0	27.0	35.0	29.0	-	-	0.0	0.5	NW	SE	-	-	3.4	5.5	28.0	36.5
25	33.0	36.0	44.0	43.0	36.0	42.0	27.0	29.0	48.0	36.0	-	-	0.1	0.1	SE	SW	-	-	4.0	4.2	28.0	37.5
26	34.0	44.0	42.0	47.0	36.0	42.0	28.0	27.0	53.0	29.0	-	-	0.1	0.3	SE	SE	-	-	4.0	4.2	28.0	38.0
27	33.0	35.0	45.0	45.0	35.0	45.0	26.0	27.0	47.0	22.0	-	-	1.4	1.1	NW	SW	-	-	4.2	4.2	27.0	37.0
28	30.0	30.0	43.0	41.0	29.0	36.0	25.0	26.0	71.0	33.0	-	-	1.2	0.4	SE	SE	58.4	-	52.5	2.7	24.5	35.0
29	30.0	33.0	38.0	41.0	32.0	34.0	26.0	25.0	61.0	46.0	-	-	0.6	0.9	SE	SE	-	-	2.8	3.2	34.0	33.5
30	31.0	33.0	37.0	43.0	32.0	38.0	25.0	28.0	55.0	45.0	-	-	0.4	1.2	NE	NE	-	-	2.6	3.6	26.5	35.0
31	32.0	42.0	42.0	32.0	32.0	32.0	25.0	25.0	55.0	45.0	-	-	0.6	0.6	SW	SW	-	-	2.6	2.6	2.6	2.6
Total	1012.0	1102.0	1285.0	1398.0	1064.0	1233.0	759.0	792.0	1362.0	961.0	-	0.0	10.6	21.3	-	-	58.4	7.2	150.7	121.9	806.1	1077.5
Average	32.6	35.5	41.5	45.1	34.3	39.8	24.5	25.5	43.9	31.0	-	0.0	0.3	0.7	-	-	1.9	0.2	26.0	26.0	26.0	34.8
	34.1	43.3	43.3	37.0	25.0	37.5	0.0	0.5	1.1	272.6	-	-	-	-	-	-	-	-	-	-	-	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I, CWC, Raipur
-0.0 .. N.A.

JUNE 2016

JUNE 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	29.0	31.0	45.0	47.0	37.0	40.0	28.0	26.0	49.0	30.0	-	0.3	3.1	NE	NE	-	-	4.0	3.0	31.5	38.0	
2	34.0	46.0	42.0	48.0	34.0	42.0	27.0	27.0	56.0	29.0	-	1.6	3.3	SE	NE	-	-	4.0	3.0	30.0	38.0	
3	35.0	35.0	46.0	47.0	34.0	38.0	27.0	28.0	56.0	48.0	4.0	4.0	2.1	2.9	SE	NE	-	4.0	2.0	30.0	37.5	
4	28.0	33.0	40.0	44.0	31.0	37.0	28.0	28.0	78.5	49.0	2.0	-	1.8	3.0	SE	SE	2.6	2.6	2.0	29.0	37.5	
5	29.0	39.0	40.0	46.0	33.0	38.0	28.0	29.0	67.5	50.0	2.0	-	2.4	3.1	SE	NE	-	3.4	3.0	30.0	37.5	
6	34.0	41.5	44.0	49.0	34.0	39.0	28.0	28.0	62.0	41.0	2.0	-	1.4	3.1	SW	NE	-	2.8	2.8	30.0	37.0	
7	34.0	41.0	42.0	48.5	36.0	40.0	29.0	29.0	58.0	42.0	-	-	1.2	2.9	SE	SE	-	4.0	2.0	31.0	37.5	
8	32.0	34.0	46.0	44.0	31.0	35.0	28.0	29.0	78.5	62.5	-	4.0	2.4	3.4	SE	SE	34.8	-	3.8	2.0	28.0	38.5
9	34.0	37.0	37.0	44.0	33.0	37.0	27.0	26.0	61.5	39.0	6.0	4.0	2.6	7.1	NW	NW	-	3.4	3.0	29.5	38.0	
10	31.0	46.0	34.0	50.0	35.0	38.0	28.0	26.0	52.0	36.0	4.0	8.0	1.7	7.5	SW	NW	-	4.0	3.6	30.0	36.0	
11	32.0	38.0	35.0	43.0	34.0	35.0	27.0	27.0	56.0	52.0	-	4.0	2.8	5.8	SW	SW	6.2	4.2	2.0	31.0	37.0	
12	33.0	37.0	38.0	43.0	35.0	34.0	28.0	29.0	62.0	62.5	2.0	2.0	5.7	7.7	NW	NW	-	4.0	3.6	30.0	36.0	
13	32.0	35.0	38.0	42.0	33.0	39.0	28.0	29.0	67.5	46.0	-	-	2.2	4.7	SW	SW	3.6	4.6	4.0	29.5	39.0	
14	31.0	39.0	37.0	47.0	36.0	39.0	27.0	29.0	48.0	46.0	2.0	-	5.0	5.6	NW	SW	13.6	3.8	3.2	29.0	38.0	
15	32.0	41.0	38.0	43.0	37.0	41.0	29.0	27.0	53.5	31.0	2.0	4.0	2.0	5.9	SW	SW	-	16.2	3.0	4.0	30.0	37.0
16	31.0	26.0	37.0	39.0	31.0	27.0	27.5	23.0	75.5	70.0	-	2.0	2.1	2.8	NE	SW	10.8	2.8	3.6	29.0	33.0	
17	28.0	28.0	30.0	39.0	29.0	28.0	27.0	26.0	85.0	85.0	-	-	0.5	2.8	SE	SW	-	1.0	1.2	28.0	34.0	
18	26.0	32.0	29.0	35.0	29.0	34.0	27.0	29.0	85.0	64.0	-	4.0	2.3	1.9	SW	SE	2.2	1.8	2.6	1.0	27.0	35.0
19	29.0	31.0	36.0	37.0	30.0	34.0	28.0	28.0	85.0	62.0	2.0	6.0	1.8	3.1	SE	SE	-	2.0	2.4	29.0	35.0	
20	30.0	32.0	34.0	38.0	32.0	35.0	29.0	28.0	79.0	57.0	2.0	6.0	1.6	3.0	SW	SE	-	2.2	2.4	30.5	35.5	
21	29.0	32.0	36.0	40.0	32.0	36.0	27.0	28.0	67.0	53.0	8.0	2.0	1.1	3.2	SW	SW	-	2.0	2.6	3.0	29.5	36.5
22	30.0	29.0	37.0	39.0	30.0	38.0	28.0	29.5	85.0	54.0	-	-	0.5	2.7	SE	NE	-	1.8	2.0	30.0	36.0	
23	29.0	33.0	39.0	41.0	32.0	36.0	29.0	29.0	97.0	58.0	-	2.0	0.9	4.8	SE	SW	-	2.0	3.4	30.5	36.0	
24	25.0	27.0	41.0	32.0	27.0	32.0	26.0	29.0	92.0	79.0	-	-	2.9	3.0	NW	SW	21.8	2.8	0.4	29.0	32.5	
25	27.0	30.0	33.0	38.0	31.0	36.0	28.0	28.0	78.5	53.0	2.0	-	0.1	1.8	SE	SW	-	12.8	1.0	3.6	29.5	35.0
26	32.0	29.0	35.0	38.0	32.0	29.0	28.5	27.0	76.0	85.0	2.0	-	0.4	2.7	SE	SW	-	1.8	1.8	30.0	35.0	
27	27.0	28.0	37.0	36.0	32.0	35.0	29.0	28.0	79.0	57.0	-	-	0.2	1.7	NE	SW	-	0.4	1.6	2.4	29.0	33.0
28	26.0	30.0	36.0	35.0	31.0	31.5	28.0	28.5	78.5	78.5	-	-	2.0	1.7	SW	SW	12.0	1.0	2.2	27.0	34.0	
29	30.0	33.0	32.0	43.0	30.0	34.0	27.5	28.0	78.5	62.0	-	6.0	1.5	4.2	NE	NE	-	1.2	2.0	29.0	35.0	
30	30.5	33.0	33.0	33.0	32.0	32.0	27.5	27.5	82.0	82.0	2.0	0.7	0.7	0.7	SW	SW	-	2.2	2.2	30.0	30.0	
Total	909.5	993.5	1127.0	1215.5	973.0	1037.5	834.0	806.0	2129.0	1581.5	44.0	58.0	53.7	108.6			107.6	33.2	84.2	74.6	885.5	1048.0
Average	30.3	34.3	37.6	41.9	32.4	35.8	27.8	27.8	71.0	54.5	1.5	2.0	1.8	3.7			3.6	1.1			29.5	36.1
	32.3		39.7		34.1		27.8		62.8		1.7		2.8				2.3		158.8		32.8	

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMDS I, CWC, Raipur
- 0.0 .. N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		29.0	43.0		36.0		29.0		58.0		2.0		3.5		NE				3.8		17.30	
1	29.5	27.5	33.5	39.0	31.0	39.0	28.0	30.0	78.5	50.5	-	2.0	0.8	2.1	SW	SW	-	-	2.4	3.8	30.5	35.5
2	28.5	29.0	32.0	30.0	28.0	29.0	27.0	28.0	85.0	92.0	-	-	0.8	7.1	SW	SW	78.0	-	2.2	1.8	29.0	30.0
3	26.0	30.0	30.0	31.0	28.0	29.0	26.0	27.0	92.0	85.0	10.0	4.0	2.2	7.6	SW	SW	68.0	-	1.4	0.8	27.0	30.0
4	27.0	30.0	32.0	31.5	28.0	28.0	27.0	27.0	85.0	92.0	12.0	2.0	5.7	17.9	SE	SE	7.4	2.6	1.4	0.8	27.0	31.0
5	26.0	28.0	30.0	30.0	29.0	29.0	27.0	27.0	92.0	85.0	4.0	8.0	12.6	5.4	SW	SW	4.0	2.0	1.2	0.8	28.0	29.0
6	26.0	27.0	31.0	30.0	26.0	26.0	25.0	25.5	92.0	96.0	2.0	2.0	7.1	7.1	SW	SW	2.2	9.4	1.0	0.8	25.5	29.0
7	26.0	25.0	28.0	28.0	27.0	27.0	26.0	26.0	96.0	92.0	4.0	2.0	4.0	6.1	SW	SW	0.6	-	1.4	0.6	26.0	27.5
8	25.0	29.0	27.0	31.5	25.5	31.0	25.0	28.0	96.0	78.5	-	-	5.0	0.3	SW	NE	6.0	-	0.6	0.6	25.0	30.5
9	26.0	27.0	31.0	33.0	26.5	30.0	26.0	28.0	96.0	85.0	-	-	1.0	0.4	NE	SE	0.8	-	0.4	1.8	27.5	35.0
10	26.0	27.0	31.0	31.0	27.0	30.5	26.5	28.0	85.0	85.0	-	-	1.6	0.9	SE	SE	8.2	-	1.0	1.4	27.5	35.0
11	28.0	29.0	31.0	34.0	28.0	30.0	26.0	27.5	81.0	82.0	-	-	1.9	3.0	SW	SE	-	-	1.2	1.6	28.0	33.0
12	27.0	26.0	30.5	31.0	27.0	26.5	25.5	26.0	96.0	96.0	-	-	0.5	7.4	SW	SW	0.6	-	1.8	0.6	27.0	28.0
13	26.0	27.5	27.0	29.0	26.0	29.0	25.5	27.0	92.0	85.0	2.0	-	3.8	6.6	SW	SW	6.2	-	0.6	1.8	26.0	28.0
14	27.0	26.5	30.0	28.0	29.0	27.0	28.0	26.0	92.0	92.0	2.0	-	3.1	6.1	SW	SW	-	11.2	1.8	1.0	27.5	30.0
15	25.0	26.0	31.0	28.0	28.0	27.0	27.0	25.0	96.0	84.0	2.0	-	2.2	5.1	SW	SE	18.6	-	0.6	1.8	27.0	29.0
16	26.0	25.0	32.0	30.0	26.5	27.0	26.0	25.5	96.0	88.0	2.0	4.0	3.2	5.0	SW	SW	24.6	5.6	0.4	2.0	26.0	28.0
17	25.0	25.0	28.0	33.0	26.0	31.0	25.5	27.0	96.0	72.5	2.0	-	1.7	5.1	SW	SW	6.4	-	0.2	2.0	26.0	31.5
18	24.0	26.0	32.0	32.0	26.0	30.0	25.5	28.0	96.0	85.0	-	-	1.6	3.2	SW	SW	26.0	-	0.8	1.8	26.0	31.0
19	24.0	25.0	25.0	30.0	27.5	26.5	27.0	26.0	96.0	96.0	-	-	4.9	2.3	SW	NE	8.8	5.8	0.6	1.0	27.0	28.0
20	25.0	26.0	27.0	27.0	28.5	28.0	26.0	26.0	92.5	85.0	4.0	-	1.2	2.4	SW	NW	-	21.0	1.4	2.4	27.5	30.0
21	23.0	27.0	26.0	33.0	28.0	28.0	27.0	27.0	85.0	92.0	-	-	0.9	0.5	NE	NE	-	-	0.4	0.2	27.0	34.0
22	25.0	27.0	29.0	32.0	28.0	29.0	27.5	28.0	92.0	92.0	-	2.0	0.6	0.6	SW	SE	34.0	3.2	1.0	2.0	28.0	32.0
23	26.5	29.0	30.5	34.0	29.0	29.0	27.0	27.0	89.0	85.0	2.0	-	0.4	2.0	SE	NW	-	-	0.6	2.0	29.0	34.0
24	26.0	29.0	30.0	34.0	29.0	31.0	28.0	29.0	85.0	85.5	-	-	0.9	1.2	SE	SE	1.4	-	1.8	1.4	28.5	36.0
25	27.5	27.0	32.0	32.5	30.0	30.0	26.0	29.0	85.0	93.0	-	-	0.4	1.4	SW	SE	-	8.4	1.2	0.8	29.0	33.5
26	26.0	26.5	31.0	31.5	27.0	26.5	26.5	26.0	92.0	96.0	6.0	-	0.7	2.5	SW	SE	-	3.6	0.4	1.0	27.0	29.5
27	25.0	27.0	27.0	31.0	27.0	28.0	27.0	26.0	96.0	85.0	-	-	0.7	0.4	SE	SE	0.8	-	0.2	1.6	28.0	30.0
28	26.0	30.0	28.0	34.0	28.0	33.0	28.0	29.0	92.0	73.5	-	4.0	1.2	1.2	SE	SW	14.0	-	0.2	1.6	28.5	35.0
29	27.0	27.0	34.0	33.0	30.0	30.0	27.0	28.0	82.0	85.0	-	-	0.8	2.4	SW	SW	-	2.4	2.0	1.2	30.0	32.5
30	26.0	30.0	33.0	34.0	30.0	32.0	29.0	29.0	85.0	85.5	4.0	2.0	0.4	1.7	SW	SW	-	-	1.0	1.4	31.0	32.0
31	24.0	32.0	26.0	26.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	1.2	-	SW	SW	9.0	-	1.8	-	25.5	-
Total	805.0	850.0	927.5	992.0	860.5	913.0	823.5	845.5	2806.0	2637.5	58.0	34.0	72.8	118.6			325.6	75.2	33.0	46.2	852.5	974.5
Average	26.0	27.4	29.9	32.0	27.8	29.5	26.6	27.3	90.5	85.1	1.9	1.1	2.3	3.8			10.5	2.4			27.5	31.4
	26.7		31.0		28.6		26.9		87.8		1.5		3.1				6.5		79.2		29.5	

Twice Daily Climatic Data

Station Code : EM000R2
Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

AUGUST 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	26.0	27.0	31.0	33.0	29.0	31.0	27.0	28.0	85.0	78.5	2.0	-	1.2	4.3	SW	NW	2.4	-	1.8	3.0	28.5	32.0
2	28.0	27.0	30.0	31.0	28.0	29.0	27.0	28.0	92.0	92.0	4.0	2.0	2.2	1.8	SW	SW	-	6.0	0.6	0.6	27.5	31.0
3	26.0	26.0	30.0	32.5	26.0	28.0	25.5	27.0	96.0	92.0	-	-	3.0	3.9	NW	SW	12.8	10.6	1.4	1.2	27.0	31.0
4	26.0	26.0	29.0	30.0	26.0	27.0	25.5	26.5	96.0	96.0	-	4.0	2.1	3.8	SW	SW	5.6	46.4	1.4	1.4	26.0	30.0
5	25.0	25.0	30.0	31.5	26.0	29.0	25.5	28.0	96.0	92.0	-	2.0	2.3	1.5	SW	NE	13.0	1.6	1.2	0.8	26.0	33.0
6	26.0	26.0	29.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	2.0	8.0	2.9	4.2	NW	SW	0.4	1.2	1.0	1.2	27.0	27.5
7	25.0	26.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	4.9	4.2	SW	NW	59.0	-	0.8	1.0	26.0	27.0
8	26.0	26.0	29.0	31.0	27.0	29.0	26.0	27.0	92.0	85.0	-	6.0	1.3	4.7	NW	SW	-	-	1.2	1.6	27.0	33.0
9	26.5	26.5	28.0	31.0	26.5	29.0	25.0	27.5	92.5	89.0	2.0	-	3.8	7.8	SW	SW	-	-	1.4	1.8	28.0	30.0
10	26.0	25.0	30.0	28.0	26.0	28.0	25.0	27.0	92.0	92.0	4.0	4.0	3.1	2.2	SW	SW	16.4	-	1.0	0.8	25.5	28.0
11	26.0	25.0	27.5	30.0	26.0	28.0	25.5	26.0	96.0	85.0	2.0	6.0	2.7	5.4	SW	NW	0.4	-	1.0	0.8	26.5	28.5
12	25.0	25.0	30.0	31.0	26.0	28.0	25.5	26.0	96.0	85.0	6.0	6.0	4.7	7.1	SW	NW	10.2	-	1.2	1.2	25.5	30.0
13	26.0	26.0	29.0	31.0	28.0	29.0	27.0	27.0	92.0	85.0	4.0	4.0	4.1	6.1	SW	SW	-	1.8	0.8	1.4	28.0	34.0
14	26.5	28.0	31.5	32.0	28.0	30.0	26.0	28.0	85.0	85.0	4.0	2.0	4.3	6.1	SW	NW	-	0.4	2.0	1.0	27.5	33.0
15	27.0	27.0	31.0	31.0	27.0	28.0	26.0	26.0	92.0	85.0	2.0	4.0	4.1	5.8	SW	SW	-	0.4	1.0	2.0	27.0	29.5
16	26.5	25.0	31.0	31.0	27.0	27.5	26.0	26.5	92.0	96.5	-	-	0.8	10.2	SW	SW	-	4.6	0.6	0.4	27.0	28.5
17	24.0	26.0	27.0	27.0	24.0	26.5	23.0	25.0	91.0	92.5	6.0	4.0	3.9	6.6	NW	SW	8.6	-	0.6	0.4	25.0	26.0
18	26.0	27.0	27.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	2.0	4.2	1.3	SW	SW	-	-	0.6	1.0	25.0	26.5
19	25.0	29.0	29.0	33.0	29.0	31.0	26.0	27.0	78.0	72.5	4.0	-	8.3	7.2	SW	SW	-	-	1.2	2.4	26.0	35.0
20	25.0	29.0	32.0	31.5	28.0	31.0	26.0	27.0	85.0	72.5	-	-	0.6	4.0	SW	SW	-	-	2.0	2.4	27.0	34.0
21	27.0	29.0	31.0	32.0	28.0	30.0	25.0	27.0	77.0	78.0	4.0	6.0	2.0	4.8	NW	NW	-	-	2.0	2.6	28.0	33.5
22	28.0	26.5	30.5	31.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.6	5.1	SW	SW	-	-	2.0	2.0	27.5	30.0
23	26.0	27.0	28.0	33.0	27.0	31.0	26.5	28.0	96.0	78.5	-	-	0.8	4.3	SW	SW	-	-	2.2	1.8	27.0	34.0
24	26.0	28.0	32.0	34.0	28.5	31.0	27.0	29.0	92.5	85.5	-	-	0.1	0.8	NW	SE	6.4	-	1.4	2.0	28.0	35.0
25	26.5	27.0	33.0	33.0	29.0	30.0	28.0	28.0	92.0	85.0	-	2.0	0.4	0.7	NW	NW	-	1.6	1.6	1.0	29.0	34.0
26	26.0	26.0	32.0	31.0	28.0	31.0	27.0	28.0	92.0	78.5	-	-	1.6	1.2	SE	SE	3.6	-	0.8	1.0	27.5	36.0
27	26.0	28.0	31.0	33.5	28.0	31.0	27.5	29.0	96.0	85.5	-	-	0.5	1.6	SE	SE	-	-	1.6	1.2	28.0	36.0
28	27.0	28.0	33.0	33.0	30.0	31.0	29.0	29.0	85.0	85.5	4.0	-	0.7	1.0	SW	SW	1.4	-	2.0	2.0	28.0	36.5
29	7.0	29.0	38.0	34.0	30.0	32.0	28.0	29.0	85.0	79.0	-	-	0.1	0.6	SW	NW	-	-	2.2	2.2	30.0	36.5
30	27.5	25.5	38.5	35.0	29.0	31.0	28.0	29.0	85.5	85.5	-	-	0.2	0.8	SE	NE	-	-	2.0	1.8	28.5	36.0
31	24.0	24.0	32.0	32.0	27.0	27.0	26.5	26.5	96.0	96.0	-	-	1.1	1.1	SE	SE	13.8	-	0.6	0.6	27.0	27.0
Total	788.5	827.5	948.0	972.0	848.0	907.0	812.0	845.5	2820.0	2657.5	54.0	64.0	72.5	122.1			152.6	76.0	41.2	46.6	841.5	990.0
Average	25.4	26.7	30.6	31.4	27.4	29.3	26.2	27.3	91.0	85.7	1.7	2.1	2.3	3.9			4.9	2.5			27.1	31.9
	26.1		31.0		28.3		26.7		88.3		1.9		3.1				3.7		8.8		29.5	

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMDS I,CWC,Raipur
-0.0 .. N.A.

SEPTEMBER 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day																							
LPoPM																							
1	27.0	27.5	28.0	32.0	27.0	28.0	26.5	27.0	88.0	96.0	-	0.2	0.3	SW	NW	-	-	1.0	1.4	1.2	1.6	28.0	36.0
2	26.0	31.0	28.0	32.5	27.0	30.0	26.0	28.0	85.0	92.0	-	4.0	1.3	3.0	NW	NW	-	2.8	2.0	0.8	27.0	33.5	
3	26.0	26.0	31.5	31.5	27.0	26.0	26.0	25.5	92.0	92.0	2.0	2.0	2.9	3.5	SW	SW	1.6	0.6	1.0	0.8	27.0	29.5	
4	24.5	26.0	27.5	29.0	26.0	27.0	25.0	26.0	92.0	92.0	-	2.0	2.5	3.4	SE	SW	26.4	0.6	1.4	1.2	26.0	28.5	
5	26.0	26.0	27.0	30.0	26.0	27.0	25.0	26.0	92.0	92.0	2.0	-	2.0	3.3	NW	SW	-	-	1.2	1.6	26.5	30.0	
6	25.5	25.0	28.0	32.5	26.5	30.0	25.0	27.0	78.0	92.5	4.0	-	1.6	3.9	NW	NW	0.8	-	1.4	0.8	27.0	33.0	
7	27.0	27.0	30.0	28.0	27.0	27.0	25.0	26.0	92.0	81.0	6.0	4.0	2.7	3.5	NW	NW	-	0.4	2.0	1.2	26.5	31.0	
8	25.0	26.0	28.0	31.0	26.0	29.0	25.0	28.0	92.0	92.0	2.0	2.0	2.0	4.1	NW	NW	10.2	1.8	1.2	1.2	25.0	29.0	
9	26.0	28.0	30.0	34.0	27.0	30.0	26.5	29.0	85.0	96.0	2.0	-	2.4	2.1	NW	NW	13.2	-	1.2	0.8	26.0	27.5	
10	26.0	30.0	30.5	32.0	27.0	30.0	26.0	29.0	92.0	85.0	2.0	-	0.5	1.5	NW	NW	10.0	-	2.0	0.6	22.5	28.0	
11	25.0	28.0	30.0	32.0	26.0	30.0	25.0	28.5	92.0	82.5	-	-	0.4	1.1	NW	NW	48.0	-	0.8	1.0	19.5	29.0	
12	26.0	28.0	31.0	34.0	27.0	29.0	26.5	28.0	96.0	92.0	-	-	0.1	0.9	NE	NE	-	-	0.6	0.6	21.0	28.0	
13	26.0	28.0	31.0	34.0	28.0	29.0	26.5	27.0	88.0	85.0	-	-	0.2	1.3	SW	NE	-	-	1.2	1.6	20.5	30.5	
14	26.0	28.0	34.0	33.0	27.0	30.0	26.5	29.0	96.0	85.0	-	-	0.1	0.0	NE	SE	3.4	-	1.4	1.2	22.0	28.5	
15	25.5	28.0	31.0	32.0	28.0	31.0	27.0	28.0	92.0	71.0	-	-	-	-	SE	SE	-	-	2.0	2.0	21.0	29.5	
16	26.0	29.0	33.0	34.0	29.0	31.0	27.5	29.0	89.0	85.5	-	-	0.0	0.0	SE	SE	-	-	2.0	1.2	21.5	30.0	
17	26.5	29.5	32.0	34.5	29.0	32.0	28.0	30.0	92.0	86.0	-	-	0.1	0.8	SE	SE	-	-	1.2	2.0	22.0	31.0	
18	27.0	30.0	30.0	35.0	30.0	32.0	27.0	30.0	85.0	79.0	-	-	0.6	0.7	SW	SE	22.0	-	2.0	0.6	23.0	30.0	
19	28.0	26.0	32.0	33.0	29.0	32.0	26.0	29.0	86.0	86.0	-	-	0.9	0.3	SW	SW	-	-	1.0	1.8	25.0	30.0	
20	28.0	30.0	31.0	34.0	27.0	32.0	27.0	28.0	92.0	79.0	-	-	0.5	0.7	SW	SW	-	-	2.0	1.0	21.0	31.0	
21	27.0	28.0	34.0	34.0	29.0	31.0	27.0	25.5	85.0	71.0	2.0	-	0.3	1.5	SE	NE	-	-	1.6	1.6	22.0	29.0	
22	26.5	30.0	33.0	35.0	28.0	29.0	26.5	29.0	92.0	92.0	2.0	-	0.6	1.2	NE	SW	-	-	0.8	2.2	21.5	29.5	
23	27.0	26.0	34.0	34.0	29.0	28.5	27.0	28.0	85.0	81.5	2.0	2.0	0.5	0.5	SE	SE	-	-	1.4	1.0	22.0	26.0	
24	25.0	28.0	29.0	33.5	27.0	30.0	26.5	29.0	96.0	85.0	-	-	0.2	0.7	SE	NE	0.4	-	1.0	2.0	20.0	27.0	
25	25.5	29.0	33.0	33.0	28.0	29.0	27.0	28.0	92.0	92.0	-	-	0.2	0.9	SE	NE	-	-	1.4	0.8	22.0	26.0	
26	26.0	29.0	33.0	34.0	27.0	29.0	26.5	28.0	96.0	92.0	-	-	0.3	0.6	SE	SE	-	-	1.4	1.0	21.5	27.0	
27	26.0	28.0	30.0	32.0	27.0	29.0	26.5	28.0	96.0	92.0	-	-	0.5	0.2	SE	NE	20.6	-	1.6	1.0	20.0	26.0	
28	25.0	29.0	30.5	30.0	29.0	29.0	27.0	28.0	85.0	92.0	-	-	1.0	1.2	SE	NE	4.6	-	1.4	1.0	20.5	26.5	
29	26.0	27.0	31.0	33.0	28.0	28.0	26.0	27.0	92.0	92.0	2.0	-	0.7	1.0	SW	SW	-	-	1.2	1.4	21.0	25.0	
30	24.5	33.0	33.0	33.0	27.0	27.0	26.5	26.5	96.0	96.0	-	-	0.3	0.3	SE	SE	34.2	-	1.2	-	20.5	-	
Total	781.5	838.0	924.0	979.5	825.5	882.5	789.5	835.0	2593.5	2732.5	28.0	16.0	25.5	43.9	-	-	195.0	10.6	41.8	37.0	689.0	876.5	
Average	26.1	27.9	30.8	32.7	27.5	29.4	26.3	27.8	91.1	86.5	0.9	0.5	0.9	1.5	-	-	6.5	0.4	-	-	23.0	29.2	
	27.0		31.7		28.5		27.1		88.8		0.7		1.2				3.4		78.8		26.1		

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
-0.0 -- N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	28.0	28.0	33.0	33.0	29.0	29.0	28.0	28.0	92.0	92.0	-	-	2.0	2.0	SE	SE	3.2	3.2	1.4	1.4	26.0	26.0
1	24.5	27.0	32.0	34.0	27.0	30.0	26.5	28.5	96.0	89.0	-	-	0.9	0.1	SW	SE	-	-	0.8	1.2	20.5	29.0
2	25.0	27.5	33.5	34.0	27.0	30.0	26.5	29.5	96.0	96.0	0.2	-	0.3	1.1	SE	NE	2.0	-	0.8	1.0	20.0	25.5
3	25.0	28.0	34.0	33.0	27.0	30.0	26.5	29.5	96.0	96.0	-	-	0.0	1.0	SE	SE	-	-	0.8	1.2	20.5	26.0
4	24.0	30.0	34.5	33.0	27.0	29.0	26.5	27.5	96.0	89.0	4.0	4.0	1.4	4.5	SW	SW	-	-	1.2	1.4	21.0	27.0
5	26.0	29.0	31.0	35.0	28.5	32.0	27.0	29.0	92.5	79.0	2.0	-	0.6	3.4	SW	SW	13.0	13.0	1.0	2.0	21.0	30.0
6	27.0	26.0	33.0	34.5	29.0	26.0	27.5	25.0	85.0	92.0	2.0	-	0.2	1.8	SW	SE	11.8	11.8	1.2	1.0	21.5	25.0
7	24.0	25.0	27.0	32.0	27.0	25.0	26.0	25.0	92.0	96.0	-	-	0.1	1.3	NW	NW	3.6	-	1.6	1.2	20.0	24.5
8	26.0	28.0	27.0	31.0	27.0	29.0	26.0	28.0	92.0	92.0	-	-	0.4	0.4	SW	NW	38.0	38.0	1.0	0.6	20.0	25.5
9	26.0	26.0	30.0	30.0	27.0	28.0	26.5	27.0	96.0	92.0	-	-	0.3	1.2	NW	NE	0.4	-	1.6	0.8	21.0	22.0
10	25.0	28.0	29.0	33.0	27.5	30.0	26.0	28.0	92.5	85.0	2.0	-	1.0	2.9	NW	NW	-	-	0.6	2.0	20.0	28.0
11	23.0	25.0	31.0	33.5	25.5	29.0	24.0	25.0	96.5	71.0	2.0	2.0	0.4	2.2	NW	NW	-	-	2.0	0.6	20.5	27.0
12	23.0	30.0	30.5	34.0	26.0	30.0	25.0	28.0	92.0	85.0	2.0	-	0.3	2.8	SW	SW	-	-	1.6	1.0	19.0	29.0
13	22.5	27.0	31.0	34.0	27.0	30.0	25.0	26.0	81.0	72.0	-	-	0.7	2.6	NW	SW	-	-	1.8	1.6	18.5	26.5
14	21.0	25.0	31.0	34.5	25.0	30.0	23.0	25.0	84.0	65.0	-	-	0.4	1.6	NW	SW	-	-	1.8	2.0	19.0	26.5
15	20.0	25.0	31.0	33.0	24.0	28.0	23.0	25.0	91.0	76.0	4.0	-	0.5	1.7	SW	SW	-	-	1.4	1.4	20.0	33.0
16	20.0	25.0	30.0	32.0	24.0	28.0	22.0	23.5	83.0	67.0	2.0	-	0.4	0.7	SW	NE	-	-	1.8	2.0	22.5	32.5
17	20.0	25.0	30.0	32.5	24.0	29.0	22.5	24.0	87.0	64.0	-	-	1.2	1.2	NW	NE	-	-	1.4	2.0	23.0	33.0
18	21.0	25.0	32.0	33.0	24.0	28.0	23.0	25.0	91.0	77.0	4.0	-	0.3	1.3	NW	NE	-	-	1.4	1.4	24.0	33.0
19	20.0	24.0	30.0	33.0	23.0	29.0	21.0	25.0	83.0	71.0	-	-	0.4	1.2	NW	NW	-	-	1.4	1.4	23.0	32.0
20	19.0	25.0	30.0	33.0	24.0	28.0	22.0	22.5	83.0	81.0	-	-	0.5	1.1	NW	NW	-	-	2.0	1.8	22.0	31.5
21	19.0	24.0	30.0	32.0	23.0	28.0	21.0	25.0	81.0	77.0	4.0	-	0.1	1.7	SW	NE	-	-	2.0	1.4	21.5	32.0
22	20.0	23.5	30.0	32.0	23.0	29.0	22.0	25.0	91.0	71.0	4.0	-	0.1	1.3	NW	NW	-	-	1.0	2.0	22.5	32.5
23	19.0	23.0	32.0	33.5	22.0	29.0	20.0	25.0	82.0	71.0	-	-	0.6	2.9	NW	NW	-	-	1.4	1.4	22.0	33.0
24	19.0	26.0	31.0	33.0	24.0	28.0	21.0	25.0	73.0	77.0	4.0	-	0.3	2.5	NW	NW	-	-	2.0	1.8	22.0	31.0
25	20.0	25.0	29.0	33.0	25.0	28.0	22.0	25.0	76.0	77.0	4.0	-	0.5	2.3	SW	NW	-	-	2.0	1.2	23.0	31.0
26	20.0	24.0	30.0	32.0	23.0	28.0	21.0	25.0	83.0	77.0	-	-	0.3	1.3	SW	NW	-	-	2.0	1.6	21.5	31.0
27	18.0	19.0	30.0	31.0	21.0	29.0	19.5	24.0	78.0	64.0	-	-	0.2	1.5	NW	NW	-	-	2.0	1.0	20.5	31.0
28	20.0	24.0	30.0	33.0	23.0	29.0	21.0	27.5	83.0	89.0	2.0	-	0.1	1.0	NW	NE	-	-	1.0	1.0	22.0	32.0
29	18.0	20.0	30.0	32.5	24.0	29.0	22.0	28.0	83.0	92.0	-	-	0.0	0.9	NE	NE	-	-	1.0	1.6	23.0	31.0
30	21.0	19.0	30.0	33.0	23.0	28.0	22.0	25.5	91.0	81.0	-	-	0.1	0.6	NE	SE	-	-	1.0	1.4	23.5	31.0
31	20.0	29.0	29.0	29.0	23.0	23.0	21.0	21.0	83.0	83.0	-	-	-	-	SE	SE	-	-	1.0	-	22.5	-
Total	676.0	786.0	948.5	1020.0	774.5	892.5	728.0	809.0	2709.5	2503.0	42.2	6.0	12.0	52.1			6.0	66.0	43.6	43.4	661.0	908.0
Average	21.8	25.4	30.6	32.9	25.0	28.8	23.5	26.1	87.4	80.7	1.4	0.2	0.4	1.7			0.2	2.1			21.3	29.3
	23.6		31.8		26.9		24.8		84.1		0.8		1.0				1.2		87.0		25.3	

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur

Sub-Division : MMSD I,CWC,Raipur

-0.0 ..N.A.

NOVEMBER 2016																							
	Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
	1	19.0	24.0	32.0	32.0	29.0	28.0	21.5	25.0	71.0	77.0	-	-	0.5	1.1	NW	NE	-	-	1.6	1.0	22.5	31.0
	2	20.0	25.0	29.0	31.5	24.0	28.0	22.5	25.0	87.0	77.0	-	-	0.1	0.4	NE	SW	-	-	1.6	1.8	22.5	30.5
	3	21.0	24.0	29.0	33.0	24.0	28.0	23.0	26.0	91.0	85.0	-	-	0.4	1.3	NE	NE	-	-	1.8	1.6	22.0	31.5
	4	22.0	25.0	31.0	32.5	26.0	28.0	25.0	25.0	92.0	77.0	-	-	-	0.4	SW	NE	-	-	1.8	1.8	22.0	32.0
	5	22.0	26.0	32.0	33.0	26.0	29.0	23.0	27.0	76.0	85.0	-	-	0.7	1.6	NW	NW	-	-	1.6	1.8	23.0	31.5
	6	21.0	23.0	30.0	32.0	24.0	27.0	22.0	25.0	83.0	84.0	-	-	-	2.2	NW	NW	-	-	1.8	1.4	23.0	30.5
	7	16.0	24.0	28.0	32.0	20.0	27.0	18.0	25.5	81.0	88.0	-	-	0.8	1.0	NW	SW	-	-	2.0	1.6	19.0	30.5
	8	15.0	24.0	28.0	32.5	20.0	27.0	17.0	26.0	73.0	92.0	-	-	1.1	0.7	NW	NW	-	-	2.0	1.8	18.0	31.0
	9	15.0	24.0	30.0	32.0	19.0	27.0	17.0	25.0	81.0	84.0	-	-	1.2	1.1	NW	NW	-	-	2.0	1.6	17.5	30.5
	10	15.0	23.5	31.0	32.5	19.0	28.0	17.0	26.0	81.0	85.0	-	-	0.9	0.6	SW	NW	-	-	1.8	1.8	17.0	31.0
	11	15.5	23.0	30.0	32.0	20.0	27.0	18.0	26.0	81.0	92.0	-	-	0.8	0.4	NW	NW	-	-	1.6	1.6	18.0	30.0
	12	15.0	23.0	30.0	31.5	20.0	27.0	19.0	26.0	91.0	92.0	-	-	0.3	1.0	NE	SW	-	-	1.8	1.8	18.5	29.5
	13	14.0	23.5	29.5	32.0	19.0	27.0	18.0	25.5	90.0	88.0	-	-	0.6	-	SW	SW	-	-	1.6	1.8	17.0	29.0
	14	16.0	23.0	31.0	32.5	20.0	27.0	19.0	26.0	91.0	92.0	-	-	-	0.5	SW	NW	-	-	1.8	1.6	17.5	29.0
	15	17.0	23.0	31.0	32.0	22.0	28.0	20.0	26.0	82.0	85.0	-	-	0.6	0.2	NW	NW	-	-	1.6	1.8	17.0	29.5
	16	16.0	23.5	30.0	32.5	20.0	28.0	18.0	27.0	81.0	92.0	-	-	0.6	0.2	NW	NW	-	-	1.8	1.6	19.0	29.0
	17	15.0	23.0	30.0	32.0	19.0	27.0	17.0	26.0	81.0	92.0	-	-	0.6	0.1	SW	NW	-	-	1.4	1.8	18.0	28.5
	18	15.0	22.0	29.5	32.0	19.0	27.0	17.0	26.0	81.0	92.0	-	-	0.4	0.8	SW	SW	-	-	1.4	1.6	18.0	28.0
	19	12.0	22.5	30.0	32.5	18.0	27.0	15.0	26.0	71.0	92.0	-	-	1.4	0.4	NW	NW	-	-	1.6	1.4	16.0	27.5
	20	12.0	19.0	30.0	31.0	18.0	25.0	15.0	21.5	71.0	72.0	-	-	0.9	1.3	SW	NW	-	-	1.4	1.0	17.5	27.5
	21	13.0	18.0	27.0	30.5	18.0	24.0	16.0	20.0	80.0	68.0	-	-	0.2	2.1	NW	NW	-	-	1.4	1.2	18.0	26.0
	22	12.0	17.5	26.0	30.0	19.0	24.0	17.0	20.5	81.0	71.0	2.0	-	0.2	0.2	NE	SW	-	-	1.2	1.4	16.5	26.0
	23	11.5	17.0	26.0	31.0	17.0	24.0	15.0	21.0	80.0	75.0	-	-	1.2	1.2	NW	NW	-	-	1.4	1.0	16.0	27.0
	24	12.0	18.0	28.0	32.0	18.0	25.0	16.0	22.0	80.0	76.0	-	-	0.3	1.5	NW	NW	-	-	1.6	1.0	15.5	26.5
	25	13.0	18.0	26.5	32.0	17.0	25.0	15.0	21.0	80.0	68.0	-	-	0.6	2.6	NW	NW	-	-	1.2	0.8	16.5	26.5
	26	13.0	18.0	27.0	32.0	18.0	26.0	16.0	22.5	80.0	73.0	-	-	0.2	2.6	NW	NW	-	-	1.8	1.0	16.0	26.5
	27	14.0	19.0	29.0	31.5	19.0	26.0	16.0	21.0	72.0	62.0	-	-	0.6	3.5	SW	NW	-	-	1.6	1.2	16.0	27.0
	28	13.0	19.0	32.0	31.0	18.0	26.0	15.5	22.0	76.0	69.0	-	-	0.3	2.3	SW	SW	-	-	1.4	1.6	16.0	26.5
	29	14.0	18.0	31.0	32.0	17.0	26.0	16.0	23.0	70.0	76.0	-	-	0.4	2.1	NW	SW	-	-	1.2	1.4	15.5	26.0
	30	12.0	29.0	29.0	30.7	17.0	26.0	15.5	23.0	85.0	-	-	-	0.0	-	NW	SW	-	-	1.2	1.2	16.0	-
	Total	461.0	650.5	882.5	958.0	599.0	802.0	540.0	729.5	2428.0	2432.0	2.0	-	15.7	33.9	-	-	0.0	0.0	48.0	44.4	545.0	866.5
	Average	15.4	21.7	29.4	31.9	20.0	26.7	18.0	24.3	80.9	81.1	0.1	-	0.5	1.1	-	-	0.0	0.0	-	-	18.2	28.9
		18.5	-	30.7	-	23.4	-	21.2	-	81.0	-	0.0	-	0.8	-	-	-	0.0	0.0	92.4	-	23.5	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

DECEMBER 2016

DECEMBER 2016																							
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		17.0		31.0		25.0		21.0		68.0		-		1.0		NW				1.0		17.30	25.5
1	13.0	18.0	26.0	29.0	18.0	25.0	17.0	22.0	90.0	76.0	-	0.0	1.1	SE	SE	-	-	1.0	1.4	16.0	24.5		
2	15.0	20.0	26.0	30.0	19.0	26.0	18.0	22.0	90.0	6.0	-	-	0.8	NE	SE	-	-	1.0	1.6	18.0	26.0		
3	15.0	20.0	28.0	31.0	20.0	26.0	19.0	24.0	91.0	84.0	-	0.1	1.0	SE	NW	-	-	0.8	1.0	18.0	27.0		
4	15.0	19.0	27.0	30.0	19.0	25.0	18.0	22.0	90.0	76.0	-	0.1	1.2	SW	NW	-	-	0.8	1.0	18.5	26.5		
5	15.0	19.0	26.0	29.0	19.0	24.0	18.0	23.0	90.0	91.0	-	0.1	1.0	NW	NE	-	-	0.8	1.0	17.5	26.0		
6	13.0	18.5	23.0	28.5	16.0	25.0	15.0	23.5	89.0	80.0	-	-	-	NW	NE	-	-	1.0	1.2	16.5	25.5		
7	12.5	18.5	23.0	28.0	16.0	24.5	15.0	23.0	89.0	87.0	-	0.5	-	SW	NE	-	-	0.8	1.0	16.0	25.0		
8	12.0	18.0	22.5	27.5	15.0	24.5	14.0	23.0	89.0	87.0	-	-	1.3	SW	NE	-	-	0.8	1.0	16.0	25.0		
9	12.5	18.5	22.0	27.5	14.5	24.0	13.5	23.0	89.0	91.0	-	0.6	1.1	NE	NW	-	-	1.0	1.2	15.5	25.5		
10	12.0	18.0	22.0	27.0	14.0	24.0	12.5	23.0	83.0	91.0	-	-	0.5	SW	NE	-	-	0.8	1.0	15.0	25.0		
11	11.5	18.0	21.5	27.0	13.0	25.0	12.5	20.0	94.0	61.0	-	-	1.1	NE	NW	-	-	0.8	1.2	15.0	25.0		
12	14.0	19.5	24.5	28.0	15.0	26.0	14.0	21.0	89.0	69.0	-	-	0.1	NE	SW	-	-	1.0	1.2	16.0	26.0		
13	13.0	17.0	26.0	31.0	17.0	27.0	14.5	19.0	75.0	44.0	-	-	0.1	SW	NW	-	-	0.8	1.6	16.5	26.0		
14	12.5	18.0	28.0	30.0	18.0	26.0	15.0	19.0	71.0	49.0	-	-	0.1	NE	NE	-	-	0.6	1.0	16.0	26.5		
15	12.0	16.0	28.0	29.0	16.0	24.0	15.0	18.0	89.0	53.0	-	-	0.1	NE	NW	-	-	1.4	1.2	15.0	25.0		
16	11.5	12.0	26.0	28.0	16.0	25.0	14.0	19.0	79.0	54.0	-	-	0.1	NW	NW	-	-	1.6	1.0	14.5	24.5		
17	11.0	14.0	26.0	28.0	17.0	24.0	14.0	18.0	70.0	53.0	-	-	0.3	NW	SW	-	-	1.6	1.0	14.5	24.0		
18	9.0	16.0	25.0	27.0	16.0	22.0	13.5	16.0	74.0	50.0	-	-	0.2	NW	NW	-	-	1.4	1.2	14.0	24.0		
19	9.0	14.0	26.0	28.0	16.0	24.0	13.0	19.0	69.0	60.0	-	-	0.4	NW	NW	-	-	1.4	1.2	13.5	24.5		
20	10.0	18.0	28.0	29.0	18.0	23.0	14.0	18.0	62.0	59.0	-	-	1.5	NW	SW	-	-	1.6	1.2	14.0	23.5		
21	10.0	17.0	26.0	29.0	17.0	24.0	14.0	18.0	70.0	53.0	-	-	0.4	SW	NW	-	-	1.2	1.4	14.5	24.0		
22	10.0	16.0	27.0	28.0	18.0	23.0	14.0	17.0	62.0	52.0	-	-	0.2	NW	NW	-	-	1.2	1.2	14.0	23.5		
23	9.5	17.0	25.0	27.0	17.0	22.0	14.0	17.0	70.0	58.0	-	-	0.3	SW	NW	-	-	1.6	1.2	13.5	22.0		
24	9.0	14.0	24.0	28.0	16.0	23.0	14.0	18.0	79.0	59.0	-	-	0.1	SW	NE	-	-	1.0	0.8	13.0	23.0		
25	9.0	16.0	28.0	29.0	16.0	23.0	14.0	21.0	79.0	83.0	-	-	1.1	NE	NW	-	-	0.4	0.4	13.5	23.5		
26	12.0	16.0	26.0	29.0	16.0	24.0	14.5	18.0	84.0	53.0	-	-	0.2	SW	NW	-	-	1.0	0.8	14.0	24.0		
27	9.0	12.0	25.5	28.0	14.0	22.0	12.0	18.5	78.0	70.0	-	-	0.1	NW	NW	-	-	1.4	0.8	13.0	23.0		
28	8.5	16.0	24.0	29.0	15.0	23.0	14.0	19.0	89.0	67.0	-	-	0.1	NE	SW	-	-	1.4	0.6	13.0	23.5		
29	11.0	12.0	25.0	30.0	17.0	24.0	14.0	18.0	70.0	53.0	-	-	1.4	SW	NW	-	-	1.4	0.8	14.5	24.5		
30	10.0	11.0	27.0	29.0	16.0	24.0	13.5	19.0	74.0	60.0	-	-	-	SW	SW	-	-	1.6	0.4	14.0	24.0		
31	11.5		29.0		16.0		15.0		89.0		-	-	-	SW		-	-	1.4		15.0			
Total	358.0	514.0	791.0	889.5	510.5	751.0	452.5	620.0	2506.0	1997.0	-	-	7.2	39.4			0.0	0.0	34.6	32.6	468.0	765.5	
Average	11.5	16.6	25.5	28.7	16.5	24.2	14.6	20.0	80.8	64.4	-	-	0.2	1.3			0.0	0.0			15.1	24.7	
	14.1		27.1		20.3		17.3		72.6		0.0	0.8					0.0		67.2		19.9		

* : One or more data missing LDoPM : last day of previous month

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

JANUARY 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																						
LPoPM		17.0		30.0		25.0		21.0		68.0		-		1.3		NW		-		0.4		17.30
1	12.5	19.0	30.0	30.0	20.0	25.0	18.0	21.0	81.0	68.0	-	-	0.1	0.7	SE	NW	-	-	1.4	0.6	16.0	25.6
2	14.0	19.0	30.0	29.0	18.0	24.0	17.5	22.0	95.0	83.0	-	-	0.0	1.2	SE	NW	-	-	1.2	0.4	17.0	25.5
3	13.0	15.0	29.0	26.0	17.0	23.0	16.0	20.0	90.0	75.0	-	-	1.0	1.2	SW	NW	0.4	-	1.2	0.6	17.5	25.0
4	12.0	15.0	24.0	26.5	15.0	22.0	14.0	20.0	89.0	82.0	2.0	-	0.2	1.1	SW	NW	-	-	1.2	0.4	15.0	24.5
5	11.0	16.0	23.0	28.0	16.0	23.0	14.5	20.0	84.0	75.0	-	-	0.2	1.3	NW	NW	-	-	1.0	0.6	14.5	25.0
6	11.0	15.0	24.0	27.0	15.0	22.0	13.0	20.5	78.0	87.0	-	-	0.1	0.3	SW	NW	-	-	1.0	0.8	14.5	24.5
7	11.0	17.0	29.0	30.0	16.0	25.0	15.0	21.0	89.0	68.0	-	-	0.7	1.2	SW	SE	-	-	1.2	0.6	14.0	24.0
8	12.0	18.0	27.0	29.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	0.1	0.5	SE	SE	-	-	1.2	0.8	15.0	23.5
9	12.0	17.0	29.0	30.0	17.0	25.0	16.0	20.0	90.0	61.0	-	-	0.2	0.5	SE	SE	-	-	1.4	0.6	15.5	24.0
10	14.0	18.0	30.0	25.0	18.0	22.0	16.0	19.0	80.0	74.0	-	-	0.5	0.9	NW	SE	-	-	1.0	0.4	15.0	23.5
11	16.0	18.0	23.0	26.0	17.0	23.0	15.5	19.0	85.0	71.0	-	-	0.2	0.7	NW	NE	-	-	0.8	0.6	14.5	24.0
12	11.0	15.0	26.0	25.0	16.0	22.0	13.0	17.0	69.0	58.0	-	-	1.1	2.0	NE	NW	-	-	1.0	0.8	15.0	23.5
13	9.0	15.0	23.0	26.0	15.0	23.0	12.5	16.0	73.0	45.0	-	-	0.1	2.1	SE	NW	-	-	1.2	1.0	13.0	23.0
14	8.0	14.0	20.0	25.0	14.0	23.0	12.0	17.0	78.0	52.0	-	-	0.2	0.9	SW	SW	-	-	0.8	1.0	11.5	23.0
15	8.5	15.0	25.0	25.0	16.0	22.0	13.0	18.0	69.0	66.0	-	-	0.4	0.6	NW	NW	-	-	1.2	1.0	12.0	24.0
16	8.0	15.0	24.0	26.0	13.0	23.0	11.0	17.0	77.0	52.0	-	-	0.3	1.6	NW	NW	-	-	1.0	1.2	12.5	25.0
17	10.0	17.0	26.0	31.0	16.0	26.0	14.0	21.0	79.0	56.0	-	-	0.4	1.2	SW	SW	-	-	1.2	1.0	13.5	25.5
18	12.0	17.0	29.0	30.0	17.0	27.0	15.0	21.0	80.0	62.0	-	-	0.1	0.8	SW	SE	-	-	1.0	0.6	15.5	26.5
19	14.0	18.0	28.0	30.0	18.0	26.0	16.0	21.0	80.0	62.0	-	-	0.0	0.4	SW	SE	-	-	1.2	0.8	16.5	26.0
20	14.5	17.0	28.5	30.0	17.0	27.0	15.5	21.0	85.0	56.0	-	-	0.4	1.0	NW	SE	-	-	1.0	0.8	16.0	27.0
21	14.0	17.0	28.0	31.0	18.0	26.0	16.0	21.0	80.0	62.0	-	-	0.1	0.3	NW	NW	-	-	1.4	1.0	17.0	26.5
22	14.5	19.0	31.0	31.0	18.0	26.0	16.0	19.0	80.0	49.0	-	-	0.5	-	NW	NW	-	-	1.2	1.0	17.5	26.5
23	14.0	17.0	28.0	31.0	17.0	26.0	15.5	20.0	85.0	55.0	-	-	1.6	2.8	SW	NW	-	-	1.4	1.2	16.0	26.5
24	13.0	18.0	27.0	31.0	17.0	26.0	15.0	19.0	80.0	49.0	-	-	0.2	1.1	NW	NW	-	-	1.6	1.0	16.0	27.5
25	12.0	18.0	28.0	31.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	-	1.1	SW	NE	-	-	1.8	1.2	16.0	27.5
26	13.0	16.0	26.0	28.0	16.0	24.0	15.0	20.0	89.0	68.0	-	-	-	0.7	SW	NE	-	-	1.2	0.8	16.0	24.5
27	17.0	17.0	25.0	30.0	20.0	20.0	18.0	21.0	81.0	68.0	-	-	0.1	0.8	NW	NW	-	-	1.0	1.0	17.0	25.0
28	16.0	20.0	25.0	29.0	19.0	25.0	15.5	18.0	67.0	47.0	-	-	2.3	3.8	NW	NW	-	-	1.2	1.2	18.0	26.0
29	11.0	15.0	26.0	30.0	15.0	24.0	13.0	21.0	78.0	75.0	-	-	0.3	2.5	SW	SW	-	-	1.2	1.2	14.5	25.5
30	11.0	15.0	26.0	31.0	16.0	25.0	13.0	21.0	69.0	68.0	-	-	0.3	1.9	NW	NW	-	-	1.6	1.4	15.5	26.5
31	12.0	-	27.0	-	15.0	-	13.5	-	84.0	-	-	-	-	-	NW	-	-	-	1.4	-	15.5	-
Total	381.0	519.0	824.5	887.5	518.0	753.0	460.0	612.5	2504.0	1998.0	2.0	-	11.6	36.2	-	-	0.4	0.0	37.2	26.0	473.0	779.6
Average	12.3	16.7	26.6	28.6	16.7	24.3	14.8	19.8	80.8	64.5	0.1	-	0.4	1.2	-	-	0.0	0.0	-	-	15.3	25.1
	14.5	-	27.6	-	20.5	-	17.3	-	72.6	-	0.0	-	0.8	-	-	-	0.0	0.0	63.2	-	20.2	-

Twice Daily Climatic Data

Station Code : EM000R2
Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	13.0	16.0	28.0	30.0	19.0	25.0	16.0	21.0	72.0	76.0	-	-	0.6	0.7	NW	NW	-	-	1.6	1.2	16.5	26.5
2	14.0	19.0	28.0	32.0	17.0	26.0	15.0	19.0	80.0	49.0	-	-	0.1	0.9	SW	SW	-	-	1.8	1.0	16.5	28.0
3	13.0	19.0	29.0	31.0	17.0	26.0	15.0	19.0	80.0	49.0	-	-	0.4	1.2	NW	NW	-	-	1.8	1.4	17.0	27.5
4	12.0	16.0	30.0	32.0	16.0	26.0	14.0	20.0	79.0	55.0	-	-	0.8	1.7	SW	SW	-	-	1.4	2.0	15.0	27.5
5	11.0	19.0	31.0	32.0	18.0	26.0	15.0	24.0	71.0	84.0	-	-	0.1	1.1	SE	SW	-	-	1.4	1.4	16.0	27.5
6	12.0	19.5	29.0	32.5	15.0	26.0	14.0	24.5	89.0	88.0	-	-	0.1	2.3	SW	NW	-	-	2.0	1.6	15.5	28.0
7	13.0	20.0	31.0	33.0	20.0	26.0	17.0	21.0	73.0	62.0	-	-	1.3	4.0	NW	NW	-	-	2.0	1.6	18.0	28.0
8	13.0	18.0	28.0	33.5	16.0	25.0	14.0	19.0	79.0	54.0	-	-	0.3	2.4	NW	NW	-	-	1.0	1.6	16.0	27.5
9	13.5	19.0	27.0	32.0	17.0	26.0	14.5	20.0	75.0	72.0	-	-	0.1	0.6	NW	NW	-	-	2.0	1.8	16.5	27.0
10	14.0	19.0	28.0	34.0	19.0	28.0	16.0	23.0	72.0	77.0	-	-	0.6	1.6	NW	NW	-	-	2.2	0.8	18.0	29.0
11	16.0	21.0	30.0	35.0	21.0	28.0	18.0	21.0	73.0	51.0	-	-	0.3	1.9	NE	NE	-	-	1.6	1.2	19.0	29.0
12	17.0	20.0	29.0	36.0	20.0	24.0	18.0	20.0	81.0	68.0	-	-	1.1	1.1	NW	NE	-	-	1.4	1.4	16.0	26.0
13	14.0	16.0	25.0	33.0	17.0	28.0	16.0	21.0	90.0	51.0	-	-	0.1	1.5	NW	SE	-	-	1.0	0.8	16.0	29.0
14	16.0	18.0	27.0	30.0	18.0	27.0	17.0	22.0	90.0	63.0	-	-	0.1	1.5	NW	SW	-	-	1.8	2.0	18.0	29.0
15	15.5	20.0	30.0	34.0	20.0	28.0	17.5	22.0	77.0	57.0	-	-	0.1	2.3	NE	NE	-	-	1.6	2.0	18.5	29.0
16	15.0	17.0	32.0	32.0	17.0	26.0	14.5	19.0	75.0	49.0	-	-	0.2	3.0	SW	NW	-	-	2.0	0.8	17.5	28.5
17	15.0	20.0	29.0	31.0	20.0	30.0	16.0	22.0	64.0	47.0	-	-	0.3	3.0	SW	NW	-	-	1.8	2.0	17.5	29.5
18	15.5	16.0	30.0	33.0	20.0	29.0	17.0	22.0	73.0	52.0	-	-	1.3	1.4	NW	NW	-	-	1.8	1.8	17.5	29.0
19	16.0	22.0	31.0	34.0	21.0	31.0	17.0	22.0	65.0	43.0	-	-	0.2	4.4	NW	NW	-	-	1.6	2.0	18.5	30.0
20	15.0	20.0	30.0	35.0	20.0	30.0	16.0	23.0	64.0	53.0	-	-	0.3	4.4	NW	SW	-	-	2.0	2.0	17.0	30.0
21	15.0	20.0	32.0	35.0	20.0	29.0	17.0	23.0	73.0	58.0	-	-	0.1	4.5	SW	NW	-	-	2.0	1.8	18.5	30.0
22	18.0	22.0	31.0	36.0	22.0	30.0	18.0	22.0	66.0	47.0	-	-	0.5	5.5	SW	SW	-	-	1.4	2.8	19.5	29.5
23	17.0	21.0	31.0	35.0	20.0	31.0	17.0	24.0	73.0	54.0	-	-	0.4	3.0	NW	NW	-	-	2.0	2.0	19.0	30.5
24	16.0	20.0	32.0	33.0	19.0	30.0	16.0	21.0	72.0	42.0	-	-	0.2	2.9	NW	NW	-	-	2.6	2.0	18.5	30.0
25	17.0	21.0	32.0	33.0	18.0	26.0	13.0	18.0	53.0	42.0	-	-	0.4	4.1	NW	NW	-	-	1.6	3.0	18.0	28.0
26	14.0	19.0	28.0	35.0	19.0	30.0	14.0	21.0	54.0	42.0	-	-	0.3	3.2	NW	SW	-	-	2.0	2.6	16.5	29.5
27	15.0	20.0	28.5	33.0	19.0	28.0	15.0	25.0	63.0	77.0	-	-	0.2	0.9	SW	NW	-	-	1.8	3.0	17.0	30.0
28	14.0		32.0		20.0		15.0		56.0		-	-	1.3		NW		-	-	2.0		16.5	
Total	409.5	536.5	828.5	928.0	525.0	771.0	442.5	598.5	2032.0	1617.0	-	-	11.6	66.4			0.0	0.0	49.2	48.2	484.0	800.0
Average	14.6	19.2	29.6	33.1	18.8	27.5	15.8	21.4	72.6	57.8	-	-	0.4	2.4			0.0	0.0			17.3	28.6
	16.9		31.4		23.1		18.6		65.2		0.0		1.4				0.0		97.4		22.9	

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
- 0.0 -- N.A.

MARCH 2017

MARCH 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		21.0		29.0		23.0		23.0		58.0		1.6		NW						2.4		17.30
1	16.0	20.0	33.0	32.0	19.0	30.0	16.0	23.0	72.0	53.0	-	0.6	2.5	NE	NW	-	-	-	2.6	2.4	18.0	29.5
2	16.5	20.5	33.5	35.0	19.0	33.0	14.0	22.0	54.0	35.0	-	0.1	3.6	SE	SW	-	-	-	2.6	2.4	18.5	31.0
3	18.0	23.0	33.5	37.0	18.5	33.0	15.0	24.0	71.0	45.0	-	0.1	4.3	SW	NW	-	-	-	2.2	2.4	20.0	31.0
4	19.0	24.0	35.0	36.0	24.0	32.0	19.0	23.0	60.0	44.0	-	0.3	4.9	NW	NW	-	-	-	2.0	2.4	21.0	30.0
5	19.0	24.0	34.0	35.0	23.0	32.0	19.5	22.0	71.0	39.0	-	0.6	3.9	NW	SW	-	-	-	2.0	2.6	20.5	31.5
6	18.5	19.0	30.5	32.0	24.0	30.0	20.0	22.0	68.0	47.0	-	0.1	3.7	SW	NE	-	-	-	2.2	2.6	20.5	30.5
7	16.0	21.0	32.0	34.0	21.0	30.0	16.0	21.0	57.0	42.0	-	0.1	1.2	NE	SW	-	-	-	2.4	1.2	18.5	29.5
8	15.0	20.0	30.0	32.0	20.0	30.0	15.0	20.0	56.0	36.0	-	1.4	0.5	SW	SE	-	-	-	2.0	2.0	18.5	29.0
9	18.0	20.0	29.0	36.0	24.0	31.0	22.0	21.0	83.0	37.5	-	0.3	5.0	SE	SW	-	5.0	0.6	2.8	2.2	20.0	31.5
10	19.0	21.0	33.0	28.0	24.0	26.0	20.0	24.0	68.0	84.0	-	0.3	2.0	SW	NE	-	-	0.8	2.4	2.1	26.0	26.0
11	15.0	19.0	30.0	32.0	23.0	28.0	20.5	21.0	79.0	51.0	-	0.5	4.0	SE	SW	-	-	0.6	1.0	2.0	20.0	29.5
12	18.0	23.0	30.0	32.0	23.0	27.0	16.0	18.0	53.0	38.0	-	0.6	0.7	NW	NW	-	-	1.4	2.0	2.0	20.0	28.0
13	13.0	23.0	30.0	32.5	20.0	28.0	14.0	20.0	48.0	45.0	-	3.3	3.0	NW	NE	-	-	2.0	2.0	2.0	17.5	28.5
14	15.0	19.0	34.0	31.0	20.0	29.0	15.0	22.0	56.0	52.0	-	0.1	2.6	NE	SE	-	-	2.0	2.4	2.4	17.5	30.0
15	15.0	23.0	31.5	34.0	22.0	30.0	16.0	20.0	50.0	36.0	-	0.1	2.4	NW	SW	-	-	2.0	2.0	18.5	31.0	
16	16.0	25.0	32.0	35.0	22.5	32.0	17.0	21.0	61.0	34.0	-	0.2	2.9	SW	NW	-	-	2.2	2.6	19.0	31.0	
17	16.0	19.0	34.0	36.0	23.0	30.0	17.0	21.0	52.0	42.0	-	0.3	5.1	SE	SW	-	-	2.0	2.2	19.5	29.5	
18	19.0	22.5	31.0	36.0	23.0	32.0	19.0	21.0	67.0	34.0	-	0.2	2.5	SE	SW	-	-	2.0	2.4	19.0	30.0	
19	19.0	22.0	33.0	35.0	28.0	30.0	20.0	20.0	45.0	36.0	-	0.0	2.9	SE	SW	-	-	2.2	2.2	19.5	29.5	
20	18.0	25.0	34.0	35.0	24.0	31.0	20.0	20.0	68.0	32.5	-	3.0	2.4	NE	NW	-	-	2.0	2.4	19.5	30.0	
21	18.0	26.0	32.0	33.0	25.0	32.0	19.0	21.0	54.0	34.0	-	1.5	1.9	SW	NE	-	-	2.2	2.4	20.0	31.0	
22	19.0	21.0	32.0	33.0	24.0	30.0	18.0	19.0	53.0	31.0	-	0.2	2.2	SE	NW	-	-	2.0	2.0	21.0	30.5	
23	17.0	22.0	32.0	34.0	25.0	31.0	20.0	22.0	61.0	32.0	-	0.9	2.5	NW	NE	-	-	2.0	2.0	20.0	32.5	
24	18.0	23.0	33.0	35.0	25.0	35.0	21.0	26.0	67.0	37.0	-	0.7	0.4	SE	SW	-	-	2.2	2.2	20.5	32.0	
25	19.0	23.0	34.0	38.0	25.0	33.0	22.0	22.0	76.0	35.0	-	0.3	4.5	SE	NW	-	-	2.0	2.4	21.0	33.5	
26	22.0	29.0	38.0	41.0	28.0	37.0	21.0	24.0	51.0	31.0	-	0.2	2.5	NW	NW	-	-	2.0	2.8	24.0	34.5	
27	22.0	28.0	39.0	40.0	28.0	38.0	20.5	23.0	48.0	24.0	-	0.1	1.9	NW	NE	-	-	2.2	2.6	24.0	35.0	
28	22.0	31.0	32.0	42.0	27.0	38.0	20.0	25.0	45.0	32.0	-	0.9	5.5	SW	NW	-	-	2.4	2.8	23.0	33.5	
29	23.0	34.0	29.0	43.0	27.0	38.0	21.0	25.0	56.0	32.0	-	0.6	3.5	NW	SW	-	-	2.6	3.0	25.0	34.0	
30	22.0	35.0	30.0	44.0	28.0	40.0	21.0	25.0	51.0	27.0	-	0.2	6.6	NW	NW	-	-	2.4	3.2	24.5	34.0	
31	22.0		41.0		29.0		21.0		46.0		-	0.6		NW		-	-	2.4		24.5		
Total	563.0	726.0	1015.0	1092.5	736.0	985.0	575.5	681.0	1847.0	1236.0	-	17.9	93.3			0.0	5.0	62.2	72.2	636.5	958.0	
Average	18.2	23.4	32.7	35.2	23.7	31.8	18.6	22.0	59.6	39.9	-	0.6	3.0			0.0	0.2			20.5	30.9	
	20.8		34.0		27.8		20.3		49.7		0.0	1.8			0.1			134.4		25.7		

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000R2

Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

APRIL 2017

APRIL 2017																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		36.0		44.0		38.0		26.0		36.0		-		2.0		NE		-		3.0		
1	23.0	31.0	40.0	44.0	31.0	39.0	21.0	25.0	37.5	29.0	-	1.5	4.6	SW	NW	-	-	2.0	3.2	24.0	34.5	
2	26.0	32.0	41.5	43.0	31.0	39.0	24.0	26.0	54.0	33.0	-	0.9	5.1	SW	NW	-	-	2.6	3.6	25.5	33.5	
3	25.0	32.0	41.0	43.0	32.0	38.0	24.0	25.0	49.0	32.0	-	0.2	5.4	NW	SW	-	-	2.4	3.8	26.0	34.0	
4	26.0	34.0	40.0	42.0	33.0	38.0	25.0	24.0	50.0	28.0	-	1.6	7.1	SW	SW	-	-	2.4	4.0	26.0	34.0	
5	29.0	34.0	39.0	43.0	33.0	39.0	25.0	26.0	50.0	33.0	-	2.3	6.3	SW	NW	-	-	2.6	4.0	26.5	35.5	
6	27.0	34.0	41.0	42.0	33.0	39.0	25.0	26.0	50.0	33.0	-	0.9	5.2	SE	NW	-	-	2.8	4.0	27.0	35.5	
7	25.0	35.0	41.0	44.0	33.0	39.0	24.0	24.0	45.0	25.5	-	0.5	5.1	SW	NW	-	-	3.0	4.2	26.5	34.5	
8	24.0	33.0	41.0	44.0	31.0	37.0	22.0	24.0	43.0	31.0	-	0.4	4.2	NW	NW	-	-	2.4	4.4	25.0	35.0	
9	25.0	32.0	40.0	43.0	31.0	37.0	22.0	24.0	43.0	31.0	-	0.8	3.8	NW	NW	-	-	2.4	4.0	25.0	34.5	
10	23.0	32.0	39.0	40.0	32.0	37.0	20.0	22.0	29.0	23.0	-	0.7	3.6	SE	SW	-	-	3.4	4.0	24.5	35.0	
11	19.0	32.0	40.0	41.0	31.0	37.0	19.0	23.0	27.5	27.0	-	0.5	4.5	NW	NW	-	-	2.8	4.0	22.5	33.5	
12	20.0	30.0	40.0	42.0	30.0	37.0	19.0	25.0	31.0	35.0	-	0.5	3.8	NW	NW	-	-	3.0	3.4	23.0	34.0	
13	22.0	31.0	40.0	43.0	30.0	39.0	20.0	25.0	36.0	29.0	-	0.5	2.7	NW	NW	-	-	2.6	3.4	23.0	35.0	
14	22.0	33.0	42.0	44.0	32.0	39.0	22.0	26.0	39.0	33.0	-	0.4	1.9	SE	NE	-	-	3.2	3.6	24.0	35.5	
15	23.0	33.0	42.0	45.0	33.0	40.0	24.0	26.0	45.0	30.0	-	0.4	3.6	SE	SW	-	-	2.8	2.8	25.0	35.0	
16	26.0	33.0	42.0	45.0	30.0	38.0	24.0	27.0	59.0	40.0	-	1.0	2.9	SE	SE	-	-	3.2	3.4	25.0	36.5	
17	26.0	31.0	38.0	42.0	30.0	38.0	26.0	27.0	72.0	40.0	-	1.7	2.4	NE	NW	-	-	3.8	4.0	27.5	38.0	
18	27.0	33.0	34.0	42.0	32.0	39.0	27.0	27.0	67.0	37.0	-	0.4	2.6	NE	NE	-	-	2.4	3.4	28.0	37.5	
19	27.0	34.0	35.0	39.0	33.0	36.0	25.0	25.0	50.0	38.0	-	0.4	3.3	SE	SE	-	-	3.2	3.2	28.0	35.5	
20	24.0	34.0	34.0	42.0	32.0	39.0	24.0	25.0	49.0	29.0	-	0.2	6.4	NW	SW	-	-	3.6	4.0	26.5	36.5	
21	25.0	34.0	35.0	42.0	33.0	40.0	25.0	25.0	50.0	27.0	-	0.8	7.8	SW	SW	-	-	2.8	4.0	26.5	35.5	
22	28.0	36.0	36.0	43.0	35.0	40.0	25.0	25.0	42.0	27.0	-	1.0	7.2	NW	SW	-	-	3.4	4.4	26.5	35.5	
23	29.0	33.0	34.0	40.0	32.0	39.0	23.0	24.0	44.0	25.5	-	1.3	5.7	SW	NW	-	-	4.0	6.0	28.0	35.5	
24	27.0	36.0	30.0	40.0	34.0	38.0	23.0	24.0	36.0	28.0	-	2.1	7.8	NW	NW	-	-	4.0	6.2	26.0	34.0	
25	26.0	34.0	34.0	42.0	32.0	40.0	22.0	25.0	39.0	27.0	-	2.3	7.9	SW	NW	-	-	3.6	4.8	26.5	33.5	
26	25.0	34.0	34.0	41.0	32.0	39.0	22.0	25.0	39.0	29.0	-	1.9	5.3	SW	NW	-	-	4.0	4.0	25.5	35.0	
27	25.0	34.0	34.0	42.0	32.0	39.0	22.0	25.0	39.0	29.0	-	1.0	4.0	NW	NW	-	-	4.0	4.2	25.5	35.0	
28	30.0	35.0	35.0	41.0	32.0	39.0	22.0	24.0	39.0	25.5	-	1.8	4.7	NW	SW	-	-	4.0	2.5	25.5	35.0	
29	24.0	34.0	36.0	42.0	34.0	39.0	23.0	25.0	36.0	29.0	-	0.3	2.9	SW	SW	-	-	3.8	4.0	25.0	35.5	
30	25.0	36.0	36.0		33.0	33.0	23.0		40.5		-	0.7		NW		-	-	3.8		26.0		
Total	753.0	999.0	1134.5	1270.0	962.0	1155.0	692.0	750.0	1330.5	919.5	-	28.9	139.8				0.0	0.0	94.0	117.5	769.5	1052.0
Average	25.1	33.3	37.8	42.3	32.1	38.5	23.1	25.0	44.4	30.7	-	1.0	4.7				0.0	0.0			25.7	35.1
	29.2		40.1		35.3		24.0		37.5		0.0	2.8					0.0		211.5		30.4	

Station Code : EM000R2
Local River/Basin : Mahanadi

Station Name : Basantpur
Sub-Division : MMSD I, CWC, Raipur
-0.0 .. N.A.

Twice Daily Climatic Data

MAY 2017																							
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
1	23.0	33.5	34.0	44.0	32.0	38.0	22.0	26.0	39.0	36.0	-	2.0	1.2	4.7	SW	NW	-	-	3.2	4.2	24.5	35.0	
2	24.5	34.0	35.0	43.5	33.0	38.0	22.0	27.0	34.5	40.0	1.0	4.0	2.7	2.3	SW	NW	-	-	3.4	4.4	25.0	36.0	
3	26.0	35.0	34.0	43.0	33.0	39.0	25.0	28.0	50.0	45.0	-	6.0	0.9	2.1	SW	SW	-	-	3.8	4.4	26.0	37.0	
4	26.0	35.0	33.0	43.0	31.0	38.0	24.0	28.5	59.0	47.0	-	-	1.3	0.9	NW	SW	-	-	3.6	4.6	26.5	37.0	
5	28.0	36.0	35.0	43.0	30.0	36.0	24.0	25.0	59.0	38.0	-	-	2.9	3.4	SW	SW	-	-	2.8	4.4	28.5	37.0	
6	30.0	31.0	36.0	36.0	30.0	32.0	24.0	23.0	59.0	44.0	1.0	2.0	1.0	3.1	NE	SW	-	-	4.0	4.0	28.0	32.5	
7	25.0	31.0	30.0	42.0	29.5	36.0	24.0	26.0	61.0	43.0	-	-	2.3	5.0	SW	NW	-	-	2.2	3.8	27.0	36.5	
8	26.0	31.0	35.0	41.0	29.0	36.0	24.0	25.5	65.0	42.0	-	-	1.4	2.7	SW	NW	-	-	3.2	4.6	27.0	36.0	
9	29.0	32.0	36.0	42.0	32.0	37.0	24.0	26.0	49.0	39.0	4.0	-	5.8	1.7	NW	SW	-	-	3.6	4.2	27.5	37.0	
10	29.0	30.0	36.0	42.0	32.0	40.0	25.0	27.0	55.0	34.0	-	-	2.7	4.9	SW	SE	-	-	3.8	4.6	28.0	38.0	
11	30.0	29.0	36.0	38.0	34.0	36.0	26.0	26.0	51.0	43.0	-	2.0	2.8	2.5	SE	SW	-	-	4.0	4.0	28.5	34.5	
12	28.0	32.0	35.5	43.0	34.0	37.0	27.0	27.0	56.0	44.0	1.0	-	1.2	0.7	NW	SW	-	-	4.0	4.4	28.0	36.0	
13	29.0	36.0	36.0	44.0	35.0	39.0	26.0	27.0	47.0	37.0	-	-	2.2	7.1	SW	SW	-	-	3.8	4.0	29.5	36.5	
14	29.0	30.0	35.0	44.0	35.0	42.0	25.0	28.0	38.0	32.0	-	-	0.3	7.2	NW	NW	-	-	3.6	5.2	29.5	38.5	
15	30.0	30.0	36.0	45.0	36.0	43.0	25.0	31.0	38.0	41.0	-	-	2.3	2.5	NW	NW	-	-	3.4	5.0	29.5	38.0	
16	32.0	37.0	38.0	45.0	37.0	44.0	30.0	32.0	58.5	42.0	-	-	0.7	4.2	NE	NW	-	-	3.4	5.2	30.0	38.5	
17	30.0	37.0	38.0	47.0	36.0	43.0	30.0	32.0	63.0	44.0	-	3.0	0.5	4.9	NW	SW	-	-	3.6	5.4	30.0	36.5	
18	31.0	38.0	38.0	44.0	37.0	42.0	32.0	32.0	70.0	48.0	2.0	8.0	1.1	3.4	SW	SE	-	-	3.6	4.0	30.0	36.5	
19	29.0	34.0	35.0	44.0	32.0	42.0	28.0	32.0	73.0	48.0	4.0	6.0	3.2	2.4	NW	SE	-	-	3.6	4.0	30.0	39.0	
20	30.0	36.0	38.0	48.0	32.0	43.0	29.0	28.0	71.0	30.0	2.0	6.0	1.3	4.9	NW	SE	-	-	3.6	4.8	29.5	38.0	
21	29.0	36.0	37.0	44.0	36.0	42.0	30.0	36.0	59.0	67.0	2.0	6.0	1.8	3.6	NW	NW	-	-	4.0	4.0	30.0	38.0	
22	28.0	37.0	37.0	44.0	36.0	43.0	31.0	35.0	69.0	58.0	2.0	8.0	0.4	0.3	SE	SE	-	-	4.0	4.2	29.0	37.0	
23	29.0	38.0	39.0	44.0	38.0	44.0	35.0	36.0	31.0	58.0	-	8.0	1.0	6.3	NW	NW	-	-	3.8	4.4	30.0	38.0	
24	30.0	4.0	40.0	45.0	34.0	43.0	30.0	28.0	74.0	30.0	-	6.0	1.2	1.3	NE	SW	-	-	4.2	3.8	30.0	38.0	
25	29.0	37.0	38.0	44.0	36.0	42.0	28.0	28.0	52.0	32.0	4.0	-	1.8	1.0	NW	NW	-	-	4.0	3.8	30.0	39.5	
26	32.0	36.0	36.0	45.0	36.0	38.0	26.0	29.0	43.0	50.0	4.0	4.0	0.5	3.6	SE	NE	-	-	4.0	4.0	30.5	39.5	
27	28.0	34.0	33.0	38.0	32.0	37.0	25.0	28.0	55.0	49.0	2.0	4.0	3.1	4.8	SE	NW	-	-	3.6	2.8	28.0	37.0	
28	24.5	33.0	32.0	40.0	32.0	38.5	26.0	29.0	61.0	46.0	-	-	3.4	3.0	SE	SW	22.6	-	2.0	3.0	28.5	38.0	
29	24.0	32.0	32.0	40.0	31.0	38.0	25.0	27.0	60.0	40.0	2.0	2.0	2.8	3.3	SW	SE	-	-	3.0	3.0	28.0	36.0	
30	27.0	32.0	34.0	40.0	32.0	37.0	26.0	28.0	61.0	49.0	-	3.0	1.3	7.6	SW	SE	-	-	3.0	4.2	27.5	35.0	
31	29.0	33.0	33.0	33.0	32.0	32.0	26.0	28.0	41.0	41.0	1.0	-	2.3	-	NE	NE	-	-	2.8	-	28.0	-	
Total	874.0	1021.5	1100.5	1328.5	1034.5	1221.5	824.0	887.0	1702.0	1332.0	32.0	80.0	56.9	110.1			22.6	0.0	108.6	130.6	882.0	1146.5	
Average	28.2	33.0	35.5	42.9	33.4	39.4	26.6	28.6	54.9	43.0	1.0	2.6	1.8	3.6			0.7	0.0			28.5	37.0	
	30.6		39.2		36.4		27.6		48.9		1.8		2.7				0.4		239.2		32.7		

Station Code : 164

Local River/Basin : Tandulua

Twice Daily Climatic Data

Station Name : GUNDERDEHI
 Sub-Division : UMSD,CWC,Burla
 -0.0 .. N.A.

JUNE 2016																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
UPoPM																
1	35.0	33.0	39.0	41.0	32.0	41.0	30.0	38.0	86.0	82.0	-	-	5.5	7.2	26.5	33.5
2	35.0	34.0	39.0	41.0	39.0	31.0	34.0	30.0	71.0	93.0	-	-	6.0	7.0	26.5	34.0
3	36.0	36.0	39.0	41.0	39.0	41.0	36.0	40.0	82.0	94.0	-	-	6.8	8.0	27.5	32.5
4	33.0	34.0	34.0	40.0	34.0	40.0	33.0	38.0	93.0	88.0	-	-	6.0	8.5	26.5	33.0
5	33.0	33.5	38.0	39.0	38.0	40.0	30.0	36.0	54.0	76.0	-	-	5.5	7.0	27.0	34.0
6	32.0	33.0	35.0	40.0	38.0	39.0	30.0	33.0	54.0	66.0	-	-	4.0	6.0	27.0	32.0
7	30.0	33.0	32.0	39.0	35.0	40.0	30.0	32.0	69.0	56.0	-	-	4.0	5.0	25.0	32.0
8	31.0	32.0	33.0	37.0	37.0	39.0	30.0	32.0	59.0	51.0	-	-	6.0	7.0	24.0	32.5
9	30.0	32.0	34.0	40.0	33.0	37.0	28.0	32.0	68.0	70.0	-	-	6.0	8.0	25.0	32.0
10	32.0	32.0	34.0	40.0	34.0	40.0	28.0	31.5	62.0	53.0	-	-	6.0	8.0	26.0	33.0
11	30.0	33.0	39.0	41.0	39.0	40.0	28.0	30.0	42.0	47.0	-	-	7.0	8.0	28.5	33.5
12	31.0	31.0	38.5	37.0	38.5	37.0	26.5	29.0	50.0	54.0	1.0	1.2	3.0	6.0	27.0	26.0
13	31.0	31.0	38.0	39.0	38.0	39.0	26.5	28.0	54.0	42.0	-	-	4.0	7.0	26.0	32.0
14	30.0	31.0	37.0	39.0	37.0	39.0	26.0	30.0	40.0	51.0	-	-	4.0	6.0	26.0	31.0
15	31.0	33.0	37.0	35.0	37.0	35.0	24.0	26.0	32.0	48.0	-	-	6.0	10.0	26.5	31.0
16	32.0	34.0	37.0	38.0	37.0	38.0	25.0	26.0	36.0	36.0	-	-	4.0	8.0	26.0	29.0
17	32.0	32.0	37.0	36.0	37.0	36.0	27.0	26.0	45.0	43.0	-	-	3.0	4.0	27.0	30.0
18	29.0	30.5	33.5	31.5	33.5	31.5	25.0	26.0	51.0	67.0	8.8	24.2	2.5	4.0	23.0	29.0
19	29.0	30.5	30.0	33.0	30.0	30.0	25.5	27.0	65.0	78.0	-	-	2.0	6.0	26.5	28.5
20	29.0	30.0	31.0	36.0	31.0	36.0	27.0	26.0	73.0	43.0	-	-	2.0	6.0	27.0	33.5
21	28.0	30.5	33.0	38.0	33.0	38.5	26.0	28.5	56.0	45.0	-	-	4.0	4.0	27.0	34.0
22	31.0	31.0	35.0	37.0	35.0	37.0	26.0	27.0	48.0	45.0	-	-	2.0	7.0	27.0	32.0
23	32.0	32.0	36.0	37.0	36.0	37.0	26.0	26.0	43.0	40.0	-	-	2.0	6.5	28.0	29.0
24	29.0	30.0	32.0	36.0	32.0	36.0	26.0	26.0	61.0	43.0	80.2	-	3.0	4.0	27.0	30.0
25	28.0	30.0	32.0	33.0	32.0	33.0	25.0	26.0	55.0	56.0	-	-	2.0	6.0	27.0	30.0
26	29.0	30.0	32.0	36.0	32.0	60.0	26.0	25.0	61.0	55.0	-	-	22.2	4.0	5.2	31.0
27	27.0	29.0	31.0	33.5	31.0	33.5	26.0	27.0	67.0	62.0	8.0	-	3.5	4.0	24.0	31.5
28	26.0	28.0	31.5	32.0	31.5	32.0	26.0	27.0	67.0	67.0	29.6	-	2.6	4.0	25.5	32.0
29	28.0	29.0	31.0	32.0	31.0	32.0	26.5	27.0	67.0	67.0	8.2	-	2.2	6.0	27.5	33.0
30	29.0		31.0		31.0		26.0		92.0		-	-	5.0		26.0	
Total	918.0	918.0*	1039.5	1078.0*	1041.5	1088.5*	829.0	856.0*	1803.0	1718.0*	135.8	47.6	123.6	183.4*	790.5	914.5*
Average	30.6	31.7*	34.7	37.2*	34.7	37.5*	27.6	29.5*	60.1	59.2*	4.5	1.6	3.1	307.0*	26.4	31.5*
	31.1*		35.9*		36.1*		28.6*		59.7*						28.9*	

* : One or more data missing LPOPM : Last day of previous month

Station Code : 164

Local River/Basin : Tandula

Twice Daily Climatic Data

Station Name : GUNDERDEHI
 Sub-Division : UMSD,CWC,Burla
 -0.0 .. N.A.

JULY 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		30.0		33.0		33.0		28.0		56.0		-		6.0		17:30
1	29.0	30.0	33.0	33.0	31.0	32.0	28.0	28.0	79.0	73.0	-	-	4.0	4.0	27.0	33.5
2	30.0	28.0	31.5	33.0	30.0	32.0	26.0	27.5	72.0	67.0	-	-	2.0	4.0	26.0	29.0
3	29.0	30.5	30.5	32.0	28.0	29.0	25.0	26.0	77.0	78.0	-	1.4	2.0	4.0	21.0	27.5
4	27.0	28.0	29.0	30.0	27.0	28.0	25.0	26.0	85.0	85.0	4.2	42.0	1.2	4.0	24.5	27.0
5	27.0	26.0	29.0	30.0	27.0	29.0	25.0	26.0	84.0	78.0	-	-	1.5	3.0	24.5	27.0
6	25.0	25.5	28.0	29.0	26.0	28.5	24.5	25.5	84.0	77.0	12.4	3.2	0.4	1.2	23.5	27.0
7	26.0	25.0	28.0	28.0	26.5	26.5	24.5	25.0	84.0	92.0	14.6	6.8	4.6	2.8	24.0	24.5
8	25.0	25.0	26.0	29.0	26.0	27.0	24.0	25.0	84.0	84.0	25.4	1.2	1.4	1.2	23.0	24.0
9	25.0	25.0	26.0	27.0	27.0	26.0	25.0	25.0	84.0	92.0	0.6	3.8	0.6	1.8	24.0	25.0
10	25.0	25.0	26.0	28.0	26.0	27.0	24.0	25.0	84.0	84.0	-	-	1.0	2.0	24.0	26.0
11	25.0	25.0	26.0	27.0	25.0	27.0	25.0	25.0	96.0	84.0	15.0	-	1.0	2.0	23.0	27.0
12	25.0	25.0	27.0	27.0	26.0	26.0	24.0	24.0	84.0	84.0	-	2.2	1.0	2.2	23.0	25.0
13	24.0	26.0	26.0	28.0	26.0	28.0	24.0	26.0	84.0	85.0	-	-	6.0	4.0	24.0	26.0
14	25.0	27.0	28.0	31.0	27.0	31.0	25.0	26.0	84.0	67.0	-	-	4.0	6.0	25.0	28.0
15	28.0	28.0	30.0	30.0	27.0	30.0	25.0	26.0	84.0	72.0	-	-	6.0	3.0	25.0	27.0
16	28.0	27.5	30.5	29.0	28.0	29.0	26.0	26.0	85.0	78.0	4.8	-	0.8	1.5	24.0	27.0
17	27.0	28.0	28.0	30.0	27.0	28.0	25.0	27.0	84.0	92.0	2.8	-	0.2	3.0	24.0	28.0
18	26.0	26.0	28.0	29.0	26.5	27.5	24.5	25.5	84.0	84.0	5.8	-	0.8	2.0	23.0	27.0
19	25.0	26.0	27.0	29.0	27.0	28.0	25.0	26.0	84.0	85.0	-	-	2.0	1.0	23.0	26.0
20	27.0	26.0	28.0	29.0	26.0	28.0	25.0	27.0	92.0	92.0	-	37.0	2.0	4.0	24.0	26.0
21	27.0	26.0	28.0	30.0	27.0	29.0	26.0	26.5	92.0	78.0	11.6	18.6	1.6	2.6	26.0	29.0
22	27.0	27.0	29.0	30.0	27.5	29.0	26.0	26.0	92.0	78.0	8.8	9.6	0.8	1.6	25.5	30.0
23	27.0	28.0	29.0	31.0	27.0	30.0	26.0	27.0	92.0	78.0	2.8	-	0.8	2.0	25.5	32.0
24	27.0	28.0	30.0	30.0	27.5	30.0	26.0	28.0	92.0	85.0	9.0	-	1.0	2.0	27.0	30.0
25	27.0	27.0	30.0	30.0	28.0	30.0	25.0	26.0	77.0	72.0	4.4	-	1.4	2.0	25.5	31.5
26	27.0	27.0	30.0	30.0	27.5	30.0	25.0	26.5	84.0	72.0	1.2	-	1.2	1.5	25.0	29.5
27	27.0	28.0	29.0	31.0	27.0	31.0	26.0	26.5	92.0	67.0	3.6	-	1.6	2.0	25.0	30.0
28	27.0	28.0	30.0	32.0	28.0	30.0	26.5	27.0	85.0	78.0	-	-	2.0	2.0	25.0	30.0
29	28.0	27.0	30.5	31.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	2.0	3.0	25.0	31.5
30	27.0	28.0	30.0	32.0	28.0	31.0	26.0	26.0	85.0	67.0	-	-	2.0	3.5	26.0	31.0
31	28.0		31.0		27.0		26.0		92.0				1.8		25.5	
Total	827.0	836.5	892.0	928.0	841.5	900.5	783.0	812.0	2645.0	2442.0	127.0	125.8	58.7	84.9	760.5	871.0
Average	26.7	27.0	28.8	29.9	27.1	29.0	25.3	26.2	85.3	78.8	4.1	4.1			24.5	28.1
	26.8		29.4		28.1		25.7		82.0		4.1		143.6		26.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : GUNDERDEHI
Sub-Division : UMSP, CWC, Burla
-0.0 .. N.A.

Station Code : 164
Local River/Basin : Tandula

AUGUST 2016																	
	Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
	LPOPM	28.0		32.0		30.5		26.5		67.0		-		3.5		25.0	
1		27.0	28.0	29.0	30.0	27.0	30.0	26.0	27.0	92.0	78.0	-	2.0	2.0	25.5	23.0	
2		26.0	28.0	30.0	30.0	27.0	30.0	25.0	26.0	84.0	72.0	-	1.0	1.0	24.0	26.0	
3		26.0	28.0	30.0	30.0	27.0	30.0	25.0	26.5	84.0	72.0	-	0.6	1.0	24.0	27.0	
4		25.0	28.0	30.0	30.0	26.0	29.0	24.0	26.5	84.0	78.0	6.8	3.2	0.8	2.2	25.0	27.0
5		25.0	25.0	28.0	28.0	26.0	27.0	24.0	25.0	84.0	84.0	42.0	29.4	0.8	1.4	23.0	24.0
6		25.0	25.0	26.0	28.0	26.0	27.0	24.0	25.0	84.0	84.0	4.8	24.0	1.2	1.5	24.0	25.0
7		25.0	25.0	26.0	28.5	26.0	27.0	24.0	25.0	84.0	84.0	-	1.0	1.0	23.0	25.5	
8		25.5	26.0	27.0	28.0	27.0	28.0	25.0	26.0	84.0	85.0	-	1.0	2.0	24.0	26.0	
9		26.0	27.0	27.0	29.0	27.0	28.0	25.0	25.5	84.0	77.0	26.4	-	1.4	2.0	24.5	27.5
10		26.0	26.0	28.0	29.0	26.0	28.0	25.0	26.0	84.0	77.0	36.0	-	1.0	2.0	24.0	27.0
11		26.0	28.0	28.0	30.0	26.0	29.0	25.0	27.5	84.0	85.0	-	2.0	1.0	24.0	28.0	
12		26.0	28.0	28.0	30.5	26.0	30.0	25.0	28.0	85.0	85.0	5.8	-	0.8	2.0	24.0	29.0
13		26.0	27.0	29.0	31.0	27.0	30.0	26.0	28.5	92.0	89.0	3.8	-	1.0	3.0	24.0	28.0
14		26.0	27.0	28.0	31.0	27.0	31.0	26.0	27.5	92.0	73.0	-	-	2.0	3.0	25.0	30.0
15		25.0	27.0	27.0	30.0	27.0	30.0	25.0	24.0	84.0	59.0	-	2.0	2.0	25.0	26.0	
16		25.0	27.0	29.0	30.0	26.0	29.0	25.0	24.0	92.0	58.0	-	-	1.0	1.0	24.5	26.5
17		25.0	26.0	28.0	29.0	27.0	29.0	25.0	27.5	84.0	85.0	-	7.0	2.0	2.0	25.0	26.0
18		26.0	26.0	28.0	29.0	26.0	29.0	24.0	26.0	84.0	78.0	-	-	2.0	2.0	24.5	26.0
19		25.0	25.0	27.0	31.0	25.0	28.0	24.0	25.0	92.0	77.0	-	-	1.0	4.0	23.5	28.0
20		26.0	26.0	29.0	32.0	26.0	29.0	24.0	25.0	84.0	85.0	-	-	2.0	4.0	24.0	29.0
21		26.0	28.0	30.0	31.0	27.0	28.0	25.0	27.0	84.0	92.0	-	-	2.0	4.0	23.5	31.0
22		27.0	28.0	30.0	31.0	28.0	30.0	26.0	27.0	85.0	78.0	-	-	2.0	3.0	23.5	28.5
23		27.5	28.0	30.0	32.0	28.0	31.0	26.0	27.0	85.0	73.0	-	-	2.0	4.0	25.0	31.0
24		27.0	28.5	31.0	34.0	28.5	33.5	26.5	28.0	85.0	68.0	-	-	2.0	3.0	26.0	31.5
25		27.5	29.0	31.0	32.0	28.0	30.0	27.0	27.0	92.0	78.0	-	-	2.0	3.0	26.0	30.0
26		27.0	25.0	31.0	28.0	27.0	27.0	26.0	25.0	92.0	84.0	4.4	26.6	2.0	2.6	24.0	28.0
27		25.0	26.0	31.0	31.0	27.0	29.0	25.0	26.0	84.0	78.0	5.4	1.2	2.4	3.2	25.0	30.0
28		26.0	26.0	30.0	32.0	29.0	30.0	26.0	26.5	78.0	72.0	-	-	2.0	3.0	27.0	30.0
29		27.0	26.0	30.0	32.0	29.0	30.0	28.0	27.0	92.0	78.0	-	-	2.6	4.0	27.5	31.0
30		26.0	25.0	30.0	32.0	29.0	30.0	27.0	27.0	85.0	78.0	-	-	2.0	4.0	27.0	31.0
31		26.5	30.0	30.0		29.0		27.0		85.0		-	2.0		27.0		
Total	806.0	830.5	893.0	941.0	837.5	907.0	785.5	815.5	2668.0	2411.0	135.4	91.4	49.6	77.4	766.0	861.5	
Average	26.0	26.8	28.8	30.4	27.0	29.3	25.3	26.3	86.1	77.8	4.4	2.9			24.7	27.8	
	26.4		29.6			28.1	25.8		81.9		3.7			127.0		26.3	

Station Code : 164

Local River/Basin : Tandula

Twice Daily Climatic Data

Station Name : GUNDERDEHI
 Sub-Division : UMSD,CWC,Burla
 - 0.0 -- N.A.

SEPTEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																
LPoPM																
1	26.0	29.0	28.0	32.0	28.0	30.0	26.5	28.0	85.0	85.0	-	-	2.0	2.0	27.0	31.0
2	26.5	26.0	27.0	32.0	27.0	28.0	26.5	27.0	92.0	92.0	11.6	5.6	1.6	2.6	27.0	28.0
3	25.0	27.0	28.0	31.5	27.0	28.0	25.0	26.5	84.0	85.0	8.0	-	1.6	3.0	24.5	27.0
4	25.0	26.0	27.0	31.0	26.5	27.5	25.5	26.0	92.0	92.0	-	-	1.0	2.0	25.0	28.5
5	25.0	26.0	27.0	30.0	25.0	28.0	25.0	27.0	92.0	92.0	-	-	2.0	2.0	25.5	28.5
6	26.0	28.0	27.0	29.0	26.5	27.5	25.0	27.0	92.0	92.0	-	2.0	2.0	1.0	26.0	29.0
7	26.0	28.0	28.0	30.0	25.5	28.0	25.0	27.0	92.0	92.0	-	-	1.0	3.0	25.0	28.0
8	26.0	28.0	27.0	29.0	25.0	27.0	25.0	27.0	92.0	92.0	-	-	1.0	2.0	24.0	27.0
9	25.0	26.0	28.0	31.0	26.0	26.5	24.5	25.5	84.0	92.0	8.6	20.4	1.6	2.4	25.0	29.0
10	22.0	25.5	26.0	30.5	27.0	28.0	25.0	26.0	84.0	85.0	1.6	-	1.6	2.0	25.5	26.0
11	25.0	25.0	29.0	30.0	25.5	26.0	24.0	24.0	92.0	84.0	48.4	12.4	1.4	2.6	24.5	28.5
12	24.0	25.0	26.0	29.0	25.0	28.5	24.0	27.0	92.0	92.0	29.6	-	1.6	2.0	27.0	28.0
13	25.5	27.0	28.0	31.0	25.0	29.0	25.0	27.0	92.0	85.0	18.0	-	1.0	4.0	25.5	28.0
14	25.0	27.0	27.0	31.0	27.0	30.0	25.0	26.0	84.0	72.0	3.2	-	1.2	1.5	25.0	30.0
15	24.0	27.0	28.0	32.0	26.5	30.0	25.0	27.0	84.0	78.0	-	-	1.0	2.0	25.0	31.5
16	24.0	27.0	28.0	31.0	26.5	30.0	25.0	27.0	84.0	78.0	-	-	1.0	1.5	25.0	30.0
17	27.5	27.0	31.0	33.0	27.0	30.0	25.0	26.0	84.0	72.0	-	-	1.0	2.0	26.5	31.0
18	26.0	25.0	29.0	33.0	28.0	30.0	26.0	26.0	85.0	72.0	-	-	2.0	2.0	26.0	32.0
19	26.0	27.0	30.0	32.0	27.0	31.0	26.0	26.0	67.0	92.0	-	-	1.0	2.0	25.0	30.0
20	25.0	25.0	30.0	32.0	27.0	30.0	26.0	26.0	72.0	84.0	4.0	-	1.0	1.0	24.5	30.0
21	26.0	26.5	30.0	32.0	27.0	31.0	25.0	27.0	84.0	73.0	2.0	-	1.0	2.0	25.0	30.0
22	25.0	27.0	30.0	31.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	1.0	3.0	25.0	30.0
23	26.0	29.0	30.0	30.0	27.0	29.0	24.0	28.0	77.0	93.0	-	-	1.0	3.0	24.5	31.0
24	26.0	30.0	30.0	30.0	28.0	29.0	24.5	29.0	54.0	92.0	-	-	1.0	2.5	25.0	31.0
25	24.0	26.0	30.0	31.0	27.0	28.0	25.0	28.0	92.0	92.0	26.2	-	1.2	2.0	25.0	26.5
26	23.0	25.0	29.0	28.0	26.0	26.0	25.0	26.0	92.0	92.0	50.8	30.0	0.8	2.0	25.5	26.5
27	24.0	26.0	28.0	29.0	25.0	26.0	24.0	25.0	92.0	92.0	13.4	24.2	1.4	2.2	24.0	27.0
28	24.0	26.5	30.0	31.0	26.0	30.0	25.0	26.0	92.0	72.0	-	-	1.0	1.0	25.5	27.0
29	25.5	26.0	29.5	29.0	27.0	29.0	24.5	26.0	84.0	78.0	4.6	-	1.6	1.0	25.5	28.0
30	25.0	30.0	30.0	30.0	25.0	27.0	24.0	24.0	85.0	-	10.6	-	0.6	-	25.0	-
Total	753.0	800.5	855.5	922.0	793.0	861.0	750.0	798.0	2561.0	2548.0	240.6	94.6	38.2	65.3	758.5	867.0
Average	25.1	26.7	28.5	30.7	26.4	28.7	25.0	26.6	85.4	84.9	8.0	3.2	-	-	25.3	28.9
	25.9		29.6		27.6		25.8		85.2		5.6		103.5		27.1	

Station Code : 164

Local River/Basin : Tandula

Twice Daily Climatic Data

Station Name : GUNDERDEHI
 Sub-Division : UMSD, CWC, Burla
 - 0.0 .. N.A.

OCTOBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	26.0	27.0	30.0	29.0	27.0	29.0	26.0	26.0	85.0	85.0	-	-	3.0	3.0	27.0	27.0
1	25.0	27.0	30.0	27.0	27.0	29.0	25.0	26.0	84.0	78.0	5.0	-	1.0	3.0	25.0	29.0
2	25.0	26.5	30.0	30.0	26.0	28.0	25.0	25.5	92.0	85.0	-	11.4	2.0	1.4	25.0	27.0
3	25.0	27.0	29.0	31.0	26.0	29.0	25.5	26.0	92.0	78.0	-	-	1.0	3.0	25.0	28.0
4	25.0	27.0	28.5	32.0	26.0	29.0	25.0	27.0	92.0	85.0	-	-	1.0	4.0	28.0	30.0
5	26.0	27.0	30.0	33.0	26.0	30.0	25.5	27.0	92.0	78.0	-	-	1.0	3.0	25.0	31.0
6	26.0	27.0	31.0	32.0	26.0	31.0	25.0	27.0	92.0	73.0	-	16.2	1.0	2.0	25.0	32.0
7	26.0	26.0	30.0	32.0	26.5	28.0	25.5	27.0	92.0	92.0	2.2	-	0.2	2.2	25.0	27.5
8	25.0	25.0	30.0	31.0	25.0	29.0	24.5	27.0	92.0	85.0	10.2	-	1.2	3.0	24.0	31.0
9	24.0	26.0	30.0	32.0	24.0	26.0	23.0	24.0	91.0	84.0	34.2	-	1.2	2.0	25.0	28.0
10	24.5	25.0	30.0	30.0	24.5	26.5	23.5	24.0	91.0	84.0	9.8	-	0.8	4.0	23.5	30.0
11	24.0	25.0	29.0	30.0	24.0	26.0	23.0	24.0	91.0	84.0	-	-	1.0	2.0	23.0	30.0
12	24.0	26.0	30.0	33.0	25.0	28.0	23.0	25.0	84.0	77.0	-	-	2.0	2.0	24.5	31.0
13	22.5	26.0	28.5	33.0	23.0	27.0	22.0	25.0	91.0	84.0	-	-	1.0	3.0	22.5	29.0
14	23.0	25.0	28.0	34.0	22.0	25.0	21.5	25.0	91.0	92.0	-	-	-	2.0	22.0	30.0
15	21.0	24.0	30.0	33.0	21.0	27.0	20.0	25.0	91.0	84.0	-	-	0.5	2.0	20.0	30.0
16	20.0	22.0	29.0	33.0	23.0	25.0	21.0	22.0	83.0	76.0	-	-	0.5	3.0	21.0	29.0
17	21.0	22.0	28.0	32.0	23.0	26.0	22.0	22.0	91.0	69.0	-	-	1.0	3.0	22.0	28.0
18	22.0	22.0	29.0	31.0	23.0	27.0	21.0	23.0	83.0	67.0	-	-	1.0	2.0	22.0	28.0
19	22.0	22.0	30.0	31.0	22.0	26.0	20.0	23.0	82.0	76.0	-	-	1.0	3.0	22.0	28.0
20	22.5	23.0	29.0	32.0	23.0	27.0	21.0	23.0	83.0	70.0	-	-	0.5	3.0	22.0	28.0
21	22.0	24.0	30.0	32.0	22.0	27.0	21.0	23.0	91.0	70.0	-	-	0.5	2.0	22.0	29.0
22	22.0	23.0	29.0	32.0	23.0	28.0	21.0	23.0	83.0	64.0	-	-	1.0	2.0	20.5	27.0
23	20.0	23.5	29.0	33.0	25.0	30.0	20.5	23.0	68.0	53.0	-	-	1.0	2.0	20.5	27.0
24	22.0	23.0	30.0	32.0	25.0	30.0	21.0	25.0	68.0	65.0	-	-	1.0	2.0	20.0	27.5
25	22.0	23.0	29.0	33.0	22.0	30.0	20.0	24.0	82.0	59.0	-	-	1.0	2.0	20.0	27.0
26	22.0	22.5	29.0	33.0	22.0	30.0	21.0	23.5	91.0	59.0	-	-	0.5	2.0	20.0	28.0
27	20.0	21.0	29.0	32.0	23.0	27.0	20.0	22.0	75.0	63.0	-	-	1.0	3.0	20.0	27.5
28	20.0	22.0	28.0	30.0	23.0	27.5	20.0	23.0	75.0	64.0	-	-	0.5	1.0	20.0	25.5
29	21.0	23.0	28.0	31.0	24.0	28.0	20.5	24.0	72.0	70.0	-	-	1.0	2.0	22.5	27.0
30	21.0	22.0	27.5	30.5	23.0	28.0	21.0	23.0	83.0	64.0	-	-	1.0	2.5	22.0	26.0
31	22.0	27.0	27.0	22.0	22.0	22.0	21.0	21.0	...	...	-	-	1.0	1.0	21.0	...
Total	707.5	753.5	904.5	864.0	740.0	864.0	689.0	757.0	2568.0*	2317.0	61.4	27.6	28.4	76.1	700.0	883.0
Average	22.8	24.3	29.2	27.9	23.9	27.9	22.2	24.4	85.6*	74.7	2.0	0.9	0.9	2.6	22.6	28.5
	23.6	30.5	25.9	23.3	23.3	23.3	23.3	23.3	80.2*	80.2*	1.4	1.4	104.5	104.5	25.5	25.5

Station Code : 164

Local River/Basin : Tandula

Twice Daily Climatic Data

Station Name : GUNDERDEHI
 Sub-Division : UMSD,CWC,Burla
 -0.0 ..N.A.

NOVEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.0		31.5		27.5		22.0		76.0		-		2.0		17:30
1	21.0	22.0	25.0	30.0	22.0	27.0	21.0	22.0	91.0	63.0	-	-	1.0	2.5	21.0	27.0
2	20.0	21.0	24.0	31.0	21.0	28.0	20.0	23.0	91.0	64.0	-	-	1.0	2.0	20.5	27.0
3	21.0	22.0	25.0	31.5	22.0	28.0	21.0	22.0	91.0	57.0	-	-	1.5	2.0	21.0	27.0
4	20.0	24.0	27.0	31.5	24.0	29.0	21.0	23.0	75.0	58.0	-	-	1.5	2.5	21.0	27.0
5	20.0	23.0	28.0	32.0	25.0	28.0	22.0	22.0	76.0	70.0	-	-	1.0	2.0	22.0	26.0
6	20.0	22.0	29.0	31.0	23.0	27.0	21.0	21.0	83.0	56.0	-	-	1.0	2.0	21.0	23.0
7	15.0	22.0	27.0	31.0	18.0	27.0	15.0	20.0	71.0	50.0	-	-	1.0	2.0	18.0	22.0
8	15.0	21.0	28.0	30.0	19.0	26.0	16.0	20.0	72.0	55.0	-	-	1.0	2.0	17.0	22.0
9	14.0	18.0	29.0	30.0	17.0	26.0	15.0	20.0	80.0	55.0	-	-	1.0	2.0	16.0	22.0
10	15.0	17.0	28.0	30.0	18.0	27.0	15.0	20.0	80.0	50.0	-	-	1.0	2.0	16.0	22.0
11	15.0	16.0	27.0	30.0	17.0	25.0	15.0	18.0	80.0	47.0	-	-	0.5	1.5	16.0	22.0
12	15.0	16.0	25.0	30.0	17.0	27.0	15.0	17.0	80.0	32.0	-	-	0.5	1.5	15.5	23.0
13	14.0	17.0	27.0	31.0	18.0	28.0	17.0	19.0	90.0	39.0	-	-	0.5	2.0	16.0	24.0
14	16.0	18.0	27.0	31.0	18.0	27.0	17.0	22.0	90.0	63.0	-	-	0.5	2.0	17.0	25.0
15	16.0	17.0	28.0	30.0	18.0	28.0	17.0	22.0	90.0	57.0	-	-	0.5	2.0	17.0	25.0
16	16.0	15.0	28.0	30.0	18.0	27.0	17.0	20.0	90.0	50.0	-	-	0.5	2.0	17.0	24.0
17	15.0	16.0	28.0	30.0	18.0	27.0	17.0	19.0	90.0	44.0	-	-	0.5	2.0	17.0	24.0
18	12.0	13.0	27.0	29.0	18.0	21.0	14.0	16.0	62.0	57.0	-	-	0.5	2.0	14.0	23.0
19	12.0	13.0	25.0	29.0	17.0	22.0	15.0	16.0	80.0	50.0	-	-	0.5	1.5	13.0	22.5
20	11.0	13.0	26.0	31.0	16.0	21.0	14.0	17.0	79.0	65.0	-	-	0.5	1.5	13.0	23.0
21	11.0	15.0	27.0	31.0	16.0	19.0	15.0	16.0	89.0	72.0	-	-	0.5	2.0	14.0	21.0
22	11.0	12.0	25.0	31.0	13.0	22.0	11.0	17.0	77.0	58.0	-	-	1.0	1.5	13.0	23.0
23	11.0	12.0	25.0	31.0	13.0	27.0	11.0	19.0	77.0	44.0	-	-	0.5	2.0	13.0	24.0
24	12.0	13.0	28.0	31.0	12.5	26.0	12.0	17.0	88.0	36.0	-	-	0.5	2.0	14.0	24.0
25	11.0	14.0	27.0	32.0	12.0	27.0	11.0	18.0	88.0	38.0	-	-	0.5	2.0	13.0	25.0
26	13.0	15.0	24.0	29.0	16.0	28.0	14.0	19.0	79.0	39.0	-	-	0.5	2.0	15.0	26.0
27	12.0	16.0	27.0	33.0	17.0	29.0	15.0	20.0	80.0	40.0	-	-	0.5	2.0	16.0	27.0
28	12.0	15.0	28.0	33.0	17.0	28.0	15.0	18.0	80.0	32.0	-	-	0.5	2.0	16.0	26.0
29	11.0	15.0	27.0	32.0	16.0	27.0	14.0	19.0	9.0	44.0	-	-	0.5	2.0	16.0	25.0
30	12.0		26.0		15.0		13.0		78.0		-	-	0.5		15.0	
Total	439.0	516.0	802.0	917.5	531.5	786.5	476.0	584.0	2386.0	1561.0	0.0	0.0	21.5	58.5	494.0	727.5
Average	14.6	17.2	26.7	30.6	17.7	26.2	15.9	19.5	79.5	52.0	0.0	0.0			16.5	24.3
	15.9			28.7	22.0		17.7		65.8		0.0		80.0		20.4	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : GUNDERDEHI
Sub-Division : UMSD,CWC,Burla
- 0.0 .. N.A.

Station Code : 164
Local River/Basin : Tandula

DECEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																
LPOPM		14.0		31.0		29.0		17.0		42.0		-		2.0		24.0
1	11.0	17.0	26.0	29.0	15.0	25.0	14.0	19.0	89.0	54.0	-	-	0.5	2.0	16.0	22.0
2	13.0	16.0	26.0	30.0	16.0	26.0	15.0	18.0	89.0	42.0	-	-	0.5	2.0	16.0	24.0
3	14.0	16.0	28.0	30.0	14.0	27.0	12.0	18.0	78.0	78.0	-	-	0.5	2.0	15.0	24.0
4	14.0	17.0	29.0	31.0	15.0	27.0	13.0	19.0	78.0	44.0	-	-	0.5	2.0	15.0	24.0
5	13.0	15.0	28.0	31.0	15.0	26.0	12.0	19.0	68.0	49.0	-	-	0.5	2.0	15.0	24.0
6	12.0	13.0	28.0	29.0	15.0	25.0	12.0	19.0	68.0	54.0	-	-	0.5	2.0	15.0	23.0
7	12.0	14.0	26.0	30.0	16.0	25.0	14.0	18.0	79.0	47.0	-	-	0.5	1.5	15.0	22.0
8	12.0	15.0	27.0	29.0	16.0	24.0	15.0	16.0	89.0	39.0	-	-	0.5	1.5	15.0	22.0
9	12.0	13.0	24.0	29.0	15.0	24.0	13.0	16.0	78.0	39.0	-	-	0.5	1.0	15.0	21.0
10	12.0	13.0	23.0	28.0	15.0	23.0	13.0	17.0	78.0	39.0	-	-	0.5	1.0	14.0	21.0
11	10.0	15.0	22.0	31.0	14.0	25.0	12.0	18.0	78.0	47.0	-	-	0.5	2.0	14.0	21.0
12	12.0	15.0	24.0	32.0	15.0	24.0	13.0	18.0	78.0	53.0	-	-	0.5	2.0	13.0	24.0
13	12.0	14.0	24.0	32.0	14.0	23.0	13.0	18.0	89.0	59.0	-	-	0.5	2.0	15.0	25.0
14	12.0	15.0	24.0	31.0	13.0	23.0	12.0	16.0	88.0	45.0	-	-	0.5	2.0	15.0	24.0
15	12.0	13.0	26.0	31.0	12.0	25.0	11.0	17.0	88.0	41.0	-	-	0.5	2.0	14.0	23.0
16	12.0	13.0	27.0	30.0	12.0	24.0	11.0	16.0	88.0	39.0	-	-	0.5	2.0	14.0	24.0
17	10.0	13.0	24.0	29.0	12.0	23.0	11.0	15.0	88.0	38.0	-	-	0.5	1.5	14.0	24.0
18	9.0	12.0	23.0	29.0	12.0	22.0	11.0	15.0	88.0	43.0	-	-	0.5	1.0	13.0	23.0
19	10.0	14.0	22.0	29.0	12.0	23.0	11.0	16.0	88.0	45.0	-	-	0.5	1.5	12.0	22.0
20	10.0	14.0	22.0	29.0	12.0	23.0	11.0	16.0	88.0	45.0	-	-	0.5	1.5	12.0	23.0
21	10.0	14.0	22.0	30.0	12.0	22.0	11.0	15.0	88.0	43.0	-	-	0.5	1.0	12.0	23.0
22	11.0	12.0	23.0	29.0	10.0	24.0	10.0	15.0	87.0	33.0	-	-	0.5	1.5	12.0	22.0
23	12.0	12.0	25.0	29.0	11.0	23.0	10.0	15.0	87.0	38.0	-	-	0.5	1.5	12.0	22.0
24	11.0	13.0	24.0	29.0	12.0	24.0	11.0	14.0	88.0	27.0	-	-	0.5	1.5	13.0	23.0
25	10.0	14.0	23.0	31.0	13.0	25.0	12.0	17.0	88.0	41.0	-	-	0.5	1.5	12.0	22.0
26	11.0	14.0	24.0	30.0	16.0	24.0	15.0	18.0	89.0	53.0	-	-	0.5	1.5	12.0	23.0
27	11.0	13.0	25.0	30.0	14.0	24.0	13.0	15.0	89.0	33.0	-	-	0.5	1.5	13.0	23.0
28	10.0	14.0	23.0	31.0	15.0	25.0	12.0	17.0	68.0	41.0	-	-	0.5	1.5	12.0	23.0
29	10.0	12.0	24.0	30.0	16.0	23.0	11.0	18.0	59.0	59.0	-	-	0.5	1.5	12.0	22.0
30	11.0	14.0	25.0	29.0	14.0	24.0	14.0	16.0	89.0	39.0	-	-	0.5	1.5	13.0	24.0
31	12.0		24.0		13.0		12.0		89.0		-	-	0.5		13.0	
Total	353.0	433.0	765.0	928.0	426.0	754.0	380.0	521.0	2576.0	1389.0	0.0	0.0	15.5	51.0	423.0	712.0
Average	11.4	14.0	24.7	29.9	13.7	24.3	12.3	16.8	83.1	44.8	0.0	0.0			13.6	23.0
	12.7		27.3		19.0		14.5		64.0		0.0		66.5		18.3	

Station Name : GUNDERDEHI
Sub-Division : UMSD, CWC, Burla
- 0.0 .. N.A.

Twice Daily Climatic Data

Station Code : 164
Local River/Basin : Tandula

JANUARY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		13.0		31.0		25.0		15.0		38.0		-		1.5		-
1	11.0	15.0	24.0	31.0	15.0	25.0	14.0	16.0	89.0	35.0	-	-	0.5	1.0	14.0	23.0
2	12.0	16.0	23.0	29.0	16.0	24.0	15.0	17.0	89.0	46.0	-	-	0.5	1.0	14.0	24.0
3	13.0	16.0	26.0	30.0	15.0	24.0	15.0	16.0	89.0	39.0	-	-	0.5	1.0	15.0	24.0
4	13.0	16.0	25.0	31.0	16.0	24.0	15.0	17.0	89.0	46.0	-	-	0.5	1.0	15.0	25.0
5	12.0	18.0	26.0	30.0	16.0	26.0	16.0	18.0	89.0	42.0	-	-	0.5	1.5	16.0	26.0
6	13.0	18.0	27.0	29.0	15.0	26.0	14.0	18.0	89.0	42.0	-	-	0.5	1.5	16.0	26.0
7	13.0	18.0	27.0	31.0	15.0	25.0	15.0	17.0	89.0	41.0	-	-	0.5	1.5	16.0	25.0
8	12.0	18.0	25.0	30.0	15.0	26.0	15.0	17.0	89.0	36.0	-	-	0.5	1.5	15.0	25.0
9	12.0	20.0	25.0	30.0	16.0	27.0	14.0	18.0	79.0	38.0	-	-	0.5	1.5	16.0	27.0
10	12.0	20.0	25.0	30.0	16.0	27.0	14.0	18.0	79.0	38.0	-	-	0.5	1.5	16.0	27.0
11	13.0	18.0	26.0	29.0	16.0	25.0	14.0	16.0	79.0	35.0	-	-	0.5	1.5	16.0	25.0
12	11.0	15.0	25.0	28.0	13.0	22.0	11.0	14.0	77.0	36.0	-	-	0.5	1.0	14.0	24.0
13	11.0	13.0	24.0	27.0	12.0	20.0	11.0	13.0	88.0	40.0	-	-	0.5	0.5	13.0	21.0
14	8.0	14.0	22.0	28.0	11.0	21.0	9.0	14.0	75.0	42.0	-	-	0.5	0.5	10.0	20.0
15	8.0	15.0	22.0	29.0	11.0	22.0	9.0	15.0	75.0	43.0	-	-	0.5	1.0	10.0	21.0
16	9.0	15.0	24.0	30.0	12.0	23.0	11.0	16.0	88.0	45.0	-	-	0.5	1.0	11.0	22.0
17	10.0	15.0	24.0	30.0	13.0	23.0	12.0	15.0	88.0	38.0	-	-	0.5	1.0	12.0	22.0
18	10.0	16.0	24.0	30.0	12.0	24.0	11.0	16.0	88.0	39.0	-	-	0.5	1.0	11.0	23.0
19	11.0	17.0	27.0	30.0	12.0	25.0	12.0	16.0	88.0	35.0	-	-	0.5	1.0	12.0	24.0
20	11.0	15.0	28.0	30.0	14.0	25.0	12.0	17.0	78.0	41.0	-	-	0.5	1.0	12.0	24.0
21	12.0	15.0	29.0	31.0	15.0	26.0	13.0	20.0	78.0	55.0	-	-	0.5	1.0	13.0	24.0
22	12.0	16.0	29.0	31.0	16.0	27.0	14.0	19.0	79.0	44.0	-	-	0.5	1.0	15.0	25.0
23	13.0	15.0	28.0	31.0	16.0	27.0	15.0	19.0	89.0	44.0	-	-	0.5	1.0	16.0	25.0
24	12.0	16.0	29.0	30.0	15.0	26.0	13.0	17.0	78.0	36.0	-	-	0.5	1.0	14.0	24.0
25	11.0	12.0	26.0	31.0	12.0	28.0	11.0	19.0	88.0	39.0	-	-	0.5	1.0	11.0	25.0
26	11.0	12.0	26.0	30.0	13.0	27.0	11.0	18.0	77.0	38.0	-	-	0.5	1.0	12.0	24.0
27	12.0	13.0	28.0	31.0	15.0	28.0	13.0	19.0	78.0	39.0	-	-	0.5	1.0	14.0	25.0
28	12.0	13.0	27.0	31.0	16.0	27.0	15.0	19.0	89.0	44.0	-	-	0.5	1.0	15.0	25.0
29	12.0	13.0	27.0	31.0	15.0	27.0	14.0	19.0	89.0	44.0	-	-	0.5	1.0	14.0	25.0
30	12.0	13.0	28.0	31.0	15.0	28.0	15.0	19.0	89.0	39.0	-	-	0.5	1.0	15.0	25.0
31	12.0		28.0		15.0		15.0				-	-	0.5		15.0	
Total	356.0	479.0	804.0	931.0	444.0	780.0	408.0	527.0	2528.0*	1257.0	0.0	0.0	15.5	34.0	428.0	725.0*
Average	11.5	15.5	25.9	30.0	14.3	25.2	13.2	17.0	84.3*	40.5	0.0	0.0			13.8	24.2*
	13.5		28.0		19.7		15.1		62.4*		0.0		19.5		19.0*	

Twice Daily Climatic Data

Station Name : GUNDERDEHI
Sub-Division : UMSD,CWC,Burla
-0.0 .. N.A.

Station Code : 164
Local River/Basin : Tandula

FEBRUARY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		13.0		31.0		28.0		19.0		44.0		-		1.0		25.0
1	12.0	18.0	28.0	31.0	15.0	28.0	14.0	18.0	89.0	33.0	-	-	0.5	1.0	14.0	27.0
2	13.0	18.0	28.0	31.0	16.0	27.0	15.0	19.0	89.0	44.0	-	-	0.5	1.0	16.0	27.0
3	12.0	18.0	28.0	32.0	17.0	28.0	16.0	18.0	90.0	33.0	-	-	0.5	1.0	16.0	28.0
4	12.0	18.0	26.0	32.0	16.0	28.0	15.0	18.0	89.0	33.0	-	-	0.5	1.0	15.0	28.0
5	12.0	18.0	27.0	33.0	17.0	27.0	15.0	19.0	80.0	44.0	-	-	0.5	1.5	15.0	27.0
6	12.0	18.0	28.0	32.0	17.0	26.0	15.0	18.0	80.0	42.0	-	-	0.5	1.5	15.0	27.0
7	12.0	17.0	29.0	31.0	15.0	25.0	13.0	17.0	78.0	41.0	-	-	0.5	1.5	14.0	26.0
8	12.0	17.0	29.0	32.0	13.0	27.0	12.0	18.0	88.0	38.0	-	-	0.5	1.5	13.0	27.0
9	13.0	17.0	30.0	35.0	14.0	29.0	13.0	20.0	89.0	40.0	-	-	0.5	1.5	14.0	28.0
10	13.0	18.0	30.0	33.0	14.0	29.0	13.0	20.0	89.0	40.0	-	-	0.5	1.5	14.0	29.0
11	15.0	18.0	28.0	34.0	16.0	31.0	15.0	21.0	89.0	39.0	-	-	0.5	1.5	16.0	28.0
12	17.0	20.0	30.0	30.0	18.0	25.0	16.0	17.0	80.0	41.0	-	-	0.5	1.5	18.0	25.0
13	15.0	18.0	28.0	32.0	17.0	29.0	16.0	20.0	90.0	40.0	-	-	0.5	1.5	16.0	28.0
14	16.0	18.0	28.0	32.0	17.0	30.0	16.0	20.0	90.0	36.0	-	-	0.5	1.5	16.0	29.0
15	16.0	19.0	30.0	33.0	17.0	30.0	15.0	21.0	80.0	42.0	-	-	0.5	1.5	16.0	29.0
16	17.0	19.0	30.0	33.0	18.0	30.0	16.0	20.0	80.0	36.0	-	-	0.5	1.5	18.0	29.0
17	17.0	20.0	30.0	32.0	18.0	30.0	16.0	22.0	80.0	47.0	-	-	0.5	1.5	17.0	29.0
18	16.0	18.0	30.0	32.0	17.0	31.0	15.0	20.0	80.0	34.0	-	-	0.5	1.5	17.0	28.0
19	17.0	20.0	30.0	34.0	19.0	31.0	16.0	20.0	72.0	34.0	-	-	0.5	2.0	18.0	30.0
20	15.0	20.0	27.0	35.0	20.0	31.0	17.0	21.0	73.0	39.0	-	-	0.5	2.0	18.0	31.0
21	15.0	20.0	27.0	36.0	19.0	31.0	16.0	21.0	72.0	39.0	-	-	0.5	2.0	18.0	30.0
22	16.0	19.0	28.0	35.0	18.0	32.0	15.0	21.0	71.0	34.0	-	-	0.5	2.5	18.0	31.0
23	16.0	18.0	29.0	36.0	17.0	32.0	15.0	21.0	80.0	34.0	-	-	0.5	2.5	17.0	31.0
24	16.0	21.0	30.0	35.0	16.0	30.0	13.0	22.0	69.0	47.0	-	-	1.0	2.5	16.0	31.0
25	15.0	20.0	28.0	33.0	16.0	29.0	14.0	20.0	79.0	40.0	-	-	1.0	2.0	16.0	30.0
26	14.0	20.0	27.0	33.0	16.0	29.0	13.0	20.0	79.0	40.0	-	-	1.0	2.0	15.0	30.0
27	14.0	20.0	27.0	33.0	16.0	29.0	13.0	20.0	79.0	40.0	-	-	1.0	2.0	15.0	30.0
28	14.0	28.0	28.0		17.0		14.0		70.0		-	-	1.0		16.0	
Total	404.0	518.0	798.0	921.0	466.0	812.0	412.0	551.0	2274.0	1094.0	0.0	0.0	16.5	45.5	447.0	798.0
Average	14.4	18.5	28.5	32.9	16.6	29.0	14.7	19.7	81.2	39.1	0.0	0.0	16.0	16.0	16.0	28.5
	16.5	30.7	22.8	17.2	60.1	60.1	0.0	0.0	62.0	22.2						

* : One or more data missing LDoPM : Last day of previous month

Station Name : GUNDERDEHI
Sub-Division : UMSD,CWC,Burla
-0.0 .. N.A.

Twice Daily Climatic Data

Station Code : 164
Local River/Basin : Tandula

March 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		21.0		34.0		30.0		21.0		29.0		-		2.0		31.0
1	15.0	19.0	32.0	36.0	15.0	32.0	14.0	22.0	89.0	36.0	-	-	1.0	3.0	16.0	31.0
2	16.0	19.0	32.0	36.0	16.0	32.0	14.0	23.0	79.0	44.0	-	-	1.0	3.0	16.0	31.0
3	16.0	20.0	33.0	37.0	17.0	32.0	15.0	23.0	80.0	44.0	-	-	1.0	3.0	16.0	31.0
4	16.0	20.0	32.0	37.0	17.0	32.0	16.0	24.0	90.0	49.0	-	-	1.0	3.0	17.0	33.0
5	16.0	22.0	32.0	36.0	18.0	32.0	17.0	26.0	90.0	61.0	-	-	1.0	3.0	18.0	30.0
6	18.0	21.0	32.0	35.0	20.0	31.0	17.0	24.0	73.0	55.0	-	-	1.0	3.0	18.0	30.0
7	17.0	20.0	31.0	34.0	19.0	30.0	17.0	24.0	81.0	59.0	-	-	1.0	3.0	19.0	27.0
8	17.0	20.0	30.0	32.0	20.0	29.0	19.0	23.0	91.0	58.0	22.0	-	1.0	2.0	20.0	28.0
9	18.0	20.0	29.0	33.0	21.0	29.0	19.0	24.0	82.0	64.0	-	-	1.0	2.5	20.0	27.0
10	18.0	21.0	30.0	32.0	22.0	28.0	20.0	22.0	82.0	57.0	-	-	1.0	2.0	19.0	25.0
11	19.0	21.0	28.0	32.0	21.0	26.0	19.0	21.0	82.0	62.0	-	-	1.0	2.0	18.0	24.0
12	18.0	20.0	27.0	31.0	20.0	25.0	18.0	21.0	81.0	68.0	-	-	1.0	2.0	17.0	24.0
13	18.0	20.0	27.0	31.0	20.0	25.0	18.0	20.0	81.0	61.0	-	-	1.0	2.0	16.0	26.0
14	16.0	20.0	27.0	32.0	18.0	28.0	16.0	23.0	80.0	64.0	-	-	1.0	2.0	15.0	25.0
15	15.0	20.0	28.0	32.0	17.0	28.0	14.0	22.0	70.0	57.0	-	-	1.0	2.0	14.0	25.0
16	15.0	20.0	28.0	34.0	16.0	30.0	13.0	24.0	69.0	59.0	-	-	1.0	2.0	14.0	25.0
17	15.0	21.0	29.0	35.0	16.0	30.0	13.0	24.0	69.0	59.0	-	-	1.0	2.0	15.0	25.0
18	16.0	21.0	30.0	35.0	17.0	30.0	14.0	24.0	70.0	59.0	-	-	1.0	2.0	15.0	27.0
19	16.0	22.0	30.0	36.0	17.0	31.0	14.0	26.0	70.0	65.0	-	-	1.0	2.5	16.0	27.0
20	18.0	22.0	32.0	36.0	18.0	32.0	16.0	26.0	80.0	61.0	-	-	1.0	2.5	17.0	29.0
21	18.0	20.0	33.0	37.0	18.0	33.0	17.0	28.0	90.0	68.0	-	-	1.0	3.0	18.0	30.0
22	18.0	20.0	32.0	37.0	19.0	33.0	18.0	28.0	90.0	68.0	-	-	1.0	3.0	18.0	31.0
23	18.0	20.0	31.0	38.0	20.0	35.0	18.0	30.0	81.0	69.0	-	-	1.0	3.5	18.0	31.0
24	19.0	20.0	32.0	38.0	20.0	35.0	18.0	30.0	81.0	69.0	-	-	1.0	3.5	18.0	31.0
25	19.0	20.0	32.0	38.0	20.0	35.0	18.0	31.0	81.0	69.0	-	-	1.0	3.5	19.0	31.0
26	19.0	20.0	31.0	38.0	21.0	35.0	19.0	31.0	82.0	69.0	-	-	1.0	3.5	18.0	31.0
27	19.0	20.0	32.0	38.0	21.0	35.0	19.0	31.0	82.0	74.0	-	-	1.0	3.5	19.0	32.0
28	19.0	20.0	32.0	39.0	22.0	36.0	20.0	32.0	82.0	75.0	-	-	1.0	3.5	19.0	32.0
29	20.0	21.0	33.0	39.0	22.0	36.0	20.0	32.0	91.0	87.0	-	-	1.0	4.0	19.0	32.0
30	20.0	21.0	33.0	40.0	22.0	36.0	21.0	34.0	83.0	87.0	-	-	1.0	4.0	20.0	32.0
31	21.0		32.0		23.0		21.0		83.0		-	-	1.0		20.0	
Total	543.0	632.0	952.0	1098.0	593.0	971.0	532.0	794.0	2515.0	1906.0	22.0	0.0	31.0	85.5	542.0	894.0
Average	17.5	20.4	30.7	35.4	19.1	31.3	17.2	25.6	81.1	61.5	0.7	0.0			17.5	28.8
	19.0			33.1		25.2		21.4		71.3		0.4		116.5		23.2

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : 164
Local River/Basin : Tandula

Station Name : GUNDERDEHI
Sub-Division : UMSD,CWC,Burla
- 0.0 .. N.A.

APRIL 2017																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.0		40.0		37.0		34.0		88.0		-		4.0		32.0
1	22.0	23.0	32.0	41.0	24.0	39.0	22.0	37.0	83.0	88.0	-	-	1.0	4.0	21.0	32.0
2	22.0	24.0	31.0	42.0	24.0	38.0	21.0	36.0	75.0	87.0	-	-	1.0	4.0	21.0	33.0
3	21.0	23.0	30.0	42.0	22.0	37.0	20.0	35.0	82.0	87.0	-	-	1.0	4.0	20.0	32.0
4	21.0	24.0	30.0	42.0	23.0	37.0	20.0	36.0	75.0	94.0	-	-	1.5	4.0	20.0	32.0
5	23.0	25.0	33.0	42.0	25.0	38.0	21.0	22.0	68.0	20.0	-	-	1.5	4.0	21.0	32.0
6	24.0	28.0	35.0	42.0	27.0	39.0	23.0	26.0	70.0	34.0	-	-	1.5	4.0	22.0	33.0
7	24.0	27.0	36.0	42.0	26.0	39.0	21.0	26.0	62.0	27.0	-	-	1.5	4.0	22.0	33.0
8	23.0	27.0	35.0	42.0	27.0	38.0	21.0	26.0	56.0	32.0	-	-	1.5	4.0	23.0	32.0
9	22.0	27.0	34.0	43.0	26.0	38.0	21.0	26.0	62.0	32.0	-	-	1.5	4.0	22.0	33.0
10	20.0	25.0	33.0	43.0	25.0	37.0	20.0	24.0	61.0	32.0	-	-	1.5	4.0	20.0	31.0
11	20.0	25.0	32.0	48.0	25.0	38.0	20.0	25.0	61.0	32.0	-	-	1.0	4.0	20.0	31.0
12	19.0	25.0	30.0	42.0	26.0	38.0	20.0	24.0	55.0	28.0	-	-	1.5	4.0	19.0	31.0
13	19.0	24.0	31.0	43.0	25.0	39.0	19.0	23.0	54.0	23.0	-	-	1.0	4.0	19.0	32.0
14	20.0	23.0	32.0	43.0	24.0	40.0	18.0	22.0	53.0	16.0	-	-	1.0	4.0	20.0	32.0
15	21.0	23.0	34.0	43.0	24.0	40.0	18.0	22.0	53.0	16.0	-	-	1.0	4.5	21.0	32.0
16	21.0	25.0	33.0	44.0	24.0	40.0	18.0	24.0	53.0	23.0	-	-	1.0	4.5	20.0	34.0
17	21.0	27.0	34.0	43.0	26.0	40.0	19.0	24.0	49.0	23.0	-	-	1.0	4.5	22.0	33.0
18	22.0	28.0	36.0	44.0	28.0	40.0	21.0	24.0	51.0	23.0	-	-	1.0	5.0	23.0	34.0
19	22.0	29.0	36.0	44.0	28.0	40.0	20.0	24.0	45.0	23.0	-	-	1.5	5.0	24.0	34.0
20	24.0	28.0	38.0	43.0	27.0	40.0	21.0	24.0	56.0	23.0	-	-	1.5	5.0	23.0	24.0
21	24.0	28.0	39.0	43.0	28.0	39.0	20.0	25.0	45.0	30.0	-	-	1.5	5.0	23.0	35.0
22	23.0	28.0	38.0	42.0	27.0	38.0	20.0	25.0	50.0	32.0	-	-	1.5	5.0	23.0	35.0
23	23.0	26.0	38.0	42.0	27.0	38.0	20.0	24.0	50.0	28.0	-	-	1.5	5.0	23.0	34.0
24	23.0	25.0	38.0	42.0	27.0	38.0	20.0	24.0	55.0	38.0	-	-	1.5	5.0	23.0	32.0
25	22.0	27.0	36.0	41.0	26.0	37.0	20.0	25.0	75.0	28.0	-	-	1.5	5.0	22.0	33.0
26	22.0	27.0	36.0	41.0	24.0	38.0	21.0	24.0	75.0	28.0	-	-	1.5	5.0	22.0	33.0
27	21.0	27.0	36.0	42.0	24.0	38.0	21.0	24.0	62.0	27.0	-	-	1.5	5.0	23.0	32.0
28	21.0	26.0	38.0	42.0	26.0	39.0	21.0	24.0	55.0	30.0	-	-	1.5	5.0	23.0	32.0
29	22.0	26.0	38.0	42.0	26.0	39.0	20.0	25.0	55.0	30.0	-	-	1.5	5.0	23.0	44.0
30	22.0		38.0		26.0						-	-	1.5		24.0	
Total	654.0	773.0	1040.0	1275.0	767.0	1156.0	587.0	784.0	1746.0	1034.0	0.0	0.0	40.0	133.5	652.0	982.0
Average	21.8	25.8	34.7	42.5	25.6	38.5	20.2	26.1	60.2	35.7	0.0	0.0			21.7	32.7
	23.8		38.6		32.1		23.2		47.9		0.0		173.5		27.2	

Twice Daily Climatic Data

Station Code : 164

Local River/Basin : Tandula

Station Name : GUNDERDEHI
Sub-Division : UMSD,CWC,Burla
-0.0 .. N.A.

MAY 2017																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		27.0		42.0		40.0				30.0	-	-		5.0		17.30
1	23.0	31.0	36.0	41.0	32.0	38.0	20.0	24.0	29.0	28.0	-	-	1.5	5.0	24.0	31.0
2	24.0	32.0	37.0	41.0	34.0	38.0	26.0	25.0	23.0	32.0	-	-	1.5	5.0	23.0	32.0
3	24.0	32.0	37.0	43.0	33.0	40.0	21.0	25.0	30.5	27.0	-	-	1.5	5.0	24.0	32.0
4	26.0	32.0	40.0	42.0	31.0	40.0	21.0	26.0	37.5	30.0	-	-	1.5	5.0	24.0	32.0
5	25.0	32.0	40.0	42.0	32.0	39.0	21.0	26.0	39.0	33.0	-	-	1.5	5.0	24.0	31.0
6	25.0	30.0	39.0	40.0	31.0	38.0	20.0	25.0	32.5	32.0	-	-	1.5	5.0	23.0	30.0
7	22.0	31.0	36.0	40.0	30.0	38.0	19.0	25.0	31.0	32.0	-	-	1.5	5.0	22.0	30.0
8	21.0	31.0	35.0	40.0	31.0	38.0	20.0	26.0	32.5	28.0	-	-	1.5	5.0	23.0	31.0
9	23.0	32.0	37.0	41.0	31.0	39.0	21.0	25.0	37.5	29.0	-	-	1.5	5.0	23.0	31.0
10	22.0	30.0	37.0	41.0	30.0	39.0	20.0	25.0	36.0	29.0	-	-	1.5	5.0	22.0	30.0
11	24.0	28.0	38.0	41.0	28.0	32.0	21.0	23.0	51.0	42.0	0.8	1.5	1.5	5.0	22.0	28.0
12	25.0	29.0	30.0	40.0	25.0	31.0	20.0	23.0	61.0	48.0	1.2	1.0	1.0	5.0	21.0	29.0
13	25.0	30.0	33.0	41.0	26.0	32.0	20.0	24.0	55.0	49.0	-	3.2	1.0	5.0	21.0	28.0
14	26.0	30.0	34.0	41.0	26.0	32.0	22.0	24.0	69.0	49.0	-	-	1.5	5.0	21.0	28.0
15	26.0	30.0	34.0	43.0	26.0	35.0	22.0	26.0	69.0	37.0	-	-	2.0	5.5	21.0	30.0
16	28.0	31.0	40.0	43.0	29.0	37.0	24.0	27.0	64.0	44.0	-	-	2.0	5.5	23.0	32.0
17	28.0	30.0	39.0	43.0	29.0	39.0	23.0	25.0	58.0	29.0	-	-	2.0	6.0	22.0	30.0
18	30.0	31.0	40.0	44.0	31.0	40.0	23.0	24.0	48.0	23.0	-	-	4.2	6.8	22.0	31.0
19	28.5	33.0	43.0	43.0	34.5	40.0	28.0	26.0	59.5	30.0	-	-	4.0	7.2	27.5	33.5
20	28.0	34.0	41.0	44.0	34.0	41.0	24.0	25.0	41.0	31.0	-	-	3.2	7.0	27.5	32.0
21	27.0	30.0	44.0	44.0	35.0	40.0	21.0	28.0	24.5	38.0	-	-	5.0	8.0	26.0	32.5
22	26.5	33.0	41.0	44.0	33.0	40.0	21.0	26.0	30.5	30.0	-	-	4.0	8.8	26.5	33.0
23	26.0	36.0	42.0	43.0	34.0	40.0	21.0	22.0	22.0	16.0	-	-	3.4	8.0	27.5	32.5
24	25.5	32.0	42.0	43.0	33.0	41.0	21.0	26.0	30.5	43.0	-	-	5.6	6.9	26.5	33.0
25	26.0	34.0	43.0	44.0	34.0	40.0	24.0	27.0	41.0	34.0	-	-	4.6	8.0	27.0	34.0
26	31.0	32.5	41.0	43.0	34.0	32.0	23.0	24.0	36.0	49.0	-	-	4.7	7.5	28.0	31.5
27	29.0	32.0	42.5	42.0	33.0	40.0	23.5	28.0	42.0	38.0	-	-	4.0	6.0	27.0	34.5
28	25.5	28.0	42.0	39.0	29.0	38.0	22.0	29.0	52.0	50.0	0.8	-	4.0	4.0	25.0	33.0
29	23.5	28.5	39.5	39.0	28.0	38.0	22.0	27.0	57.0	40.0	-	-	4.0	5.5	24.5	33.5
30	24.5	26.0	38.5	38.0	26.0	35.0	22.0	24.0	95.0	44.0	0.2	-	1.0	4.0	24.5	32.0
31	22.0		37.0		25.0		20.0		96.0		2.2	-	1.0		23.0	
Total	790.0	958.0	1198.5	1295.0	947.5	1170.0	676.5	760.0*	1430.5	1094.0	4.4	4.0	78.7	179.7	745.5	974.0
Average	25.5	30.9	38.7	41.8	30.6	37.7	21.8	25.3*	46.1	35.3	0.1	0.1			24.0	31.4
	28.2		40.2		34.2		23.6*		40.7		0.1		258.4		27.7	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
- 0.0 .. N.A.

JUNE 2016																			
	Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
	LPOPM																		
	1	31.0	33.0	36.0	43.0	..	..	1.0	1.0	3.1	1.2	SE	SE	-	-	4.0	6.0	27.0	37.0
	2	31.0	34.0	36.0	43.0	..	..	1.0	1.0	0.7	1.3	SE	SE	-	-	4.0	6.0	28.0	37.0
	3	31.0	34.0	36.0	43.0	..	..	1.0	1.0	0.7	5.8	SE	SE	-	-	4.0	8.0	28.0	37.0
	4	32.0	34.0	36.0	43.0	..	..	1.0	1.0	2.0	4.6	SW	SW	-	-	4.0	8.0	28.0	37.0
	5	32.0	34.0	36.0	42.0	..	..	1.0	1.0	2.8	4.4	SW	SW	-	-	4.0	8.0	28.0	37.0
	6	32.0	34.0	36.0	42.0	..	..	1.0	1.0	2.9	3.6	SW	SW	-	-	4.0	8.0	28.0	37.0
	7	32.0	34.0	36.0	42.0	..	..	1.0	1.0	4.2	4.9	SW	SW	-	-	4.0	8.0	28.0	37.0
	8	32.0	34.0	36.0	42.0	..	..	1.0	1.0	4.0	6.5	SW	SW	-	-	4.0	8.0	28.0	37.0
	9	30.0	34.0	35.0	42.0	..	..	1.0	1.0	4.4	7.3	SW	SW	-	-	4.0	8.0	28.0	37.0
	10	30.0	30.0	35.0	42.0	..	..	1.0	1.0	3.3	9.8	SW	SW	-	-	4.0	6.0	28.0	37.0
	11	34.0	34.0	35.0	42.0	..	..	1.0	1.0	3.5	7.6	SW	SE	-	-	4.0	6.0	28.0	37.0
	12	30.0	34.0	35.0	42.0	..	..	1.0	1.0	4.8	7.3	SW	SE	-	2.2	4.0	6.0	28.0	37.0
	13	30.0	34.0	35.0	42.0	..	..	1.0	1.0	2.9	7.9	SW	SW	-	-	4.0	6.0	28.0	37.0
	14	30.0	34.0	35.0	42.0	..	..	1.0	1.0	4.0	8.7	SW	SW	5.4	-	4.0	6.0	28.0	37.0
	15	30.0	34.0	35.0	42.0	..	..	1.0	1.0	2.9	9.6	NW	SW	-	-	4.0	6.0	28.0	37.0
	16	29.0	34.0	36.0	42.0	..	..	1.0	1.0	1.9	2.4	SW	SW	-	2.6	4.0	6.0	28.0	37.0
	17	28.0	32.0	34.0	40.0	..	..	1.0	1.0	3.4	5.0	SW	SW	-	-	1.0	4.0	27.0	35.0
	18	28.0	32.0	34.0	40.0	..	..	1.0	1.0	3.4	2.8	SW	SW	69.8	-	1.8	4.0	26.0	35.0
	19	27.0	32.0	33.0	40.0	..	..	1.0	1.0	1.3	2.4	SE	NE	-	40.2	2.0	4.2	26.0	33.0
	20	27.0	32.0	33.0	40.0	..	..	1.0	1.0	0.5	2.3	SW	SW	-	-	1.0	4.0	26.0	33.0
	21	27.0	32.0	33.0	40.0	..	..	1.0	1.0	2.3	2.2	SW	SW	-	-	2.0	4.0	26.0	33.0
	22	27.0	32.0	33.0	40.0	..	..	1.0	1.0	1.2	5.1	SW	SW	-	-	2.0	4.0	26.0	33.0
	23	27.0	32.0	33.0	40.0	..	..	1.0	1.0	1.8	5.2	SW	SW	-	-	2.0	4.0	26.0	33.0
	24	27.0	30.0	33.0	38.0	..	..	1.0	1.0	3.9	3.8	SE	SW	20.2	8.4	0.2	2.4	26.0	33.0
	25	26.0	30.0	32.0	38.0	..	..	1.0	1.0	1.1	5.2	SW	SW	-	-	1.0	4.0	26.0	33.0
	26	26.0	30.0	32.0	38.0	..	..	1.0	1.0	2.6	4.8	SW	SW	-	-	2.0	4.0	26.0	33.0
	27	26.0	30.0	32.0	38.0	..	..	1.0	1.0	1.3	4.0	NW	NE	-	-	2.0	4.0	26.0	33.0
	28	26.0	29.0	32.0	38.0	..	..	1.0	1.0	2.1	5.9	NE	NE	15.2	-	7.2	4.0	26.0	33.0
	29	26.0	29.0	32.0	37.0	..	..	1.0	1.0	2.5	3.7	NE	SE	38.6	-	0.6	4.0	26.0	33.0
	30	26.0		32.0		..	..	1.0		2.7		NE		-	-	2.0		26.0	
Total	870.0	941.0	1027.0	1183.0	..	..	30.0	29.0	78.2	145.3				149.2	53.4	90.8	160.6	812.0	1025.0
Average	29.0	32.4	34.2	40.8	..	..	1.0	1.0	2.6	5.0				5.0	1.8			27.1	35.3
	30.7		37.5		0.0		1.0		3.8					3.4		251.4		31.2	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
- 0.0 .. N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		29.0		37.0				1.0		4.5		NE				4.0		33.0
1	26.0	29.0	32.0	37.0	..	..	1.0	1.0	1.5	5.1	SW	SW	-	-	2.0	4.0	26.0	33.0
2	25.0	29.0	31.0	37.0	..	..	1.0	1.0	4.1	5.8	SW	SW	-	-	2.0	4.0	26.0	33.0
3	25.0	28.0	31.0	36.0	..	..	1.0	1.0	3.9	6.6	SW	SW	5.4	6.2	1.4	2.2	25.0	31.0
4	25.0	28.0	31.0	36.0	..	..	1.0	1.0	3.3	5.8	SW	SW	9.8	2.6	0.2	0.6	25.0	31.0
5	25.0	28.0	30.0	36.0	..	..	1.0	1.0	5.0	8.3	SW	SW	-	-	1.0	1.0	25.0	31.0
6	24.0	28.0	30.0	36.0	..	..	1.0	1.0	4.8	6.2	SW	SW	19.8	-	1.8	1.0	25.0	31.0
7	24.0	27.0	30.0	35.0	..	..	1.0	1.0	4.3	8.6	SW	SW	13.0	-	1.0	1.0	25.0	31.0
8	24.0	27.0	30.0	35.0	..	..	1.0	1.0	5.3	8.0	SW	SW	28.0	-	2.0	1.0	24.0	31.0
9	24.0	27.0	30.0	35.0	..	..	1.0	1.0	3.2	2.4	NW	SE	-	12.8	1.0	2.8	24.0	31.0
10	24.0	27.0	30.0	33.0	..	..	1.0	1.0	4.1	3.6	SW	SW	-	4.2	1.0	0.2	24.0	30.0
11	24.0	27.0	29.0	33.0	..	..	1.0	1.0	1.5	3.1	SW	SW	7.2	-	5.4	1.0	26.0	30.0
12	23.0	27.0	28.0	33.0	..	..	1.0	1.0	3.6	5.6	SW	SW	-	-	1.0	1.0	26.0	30.0
13	23.0	26.0	28.0	32.0	..	..	1.0	1.0	3.6	6.8	SW	SW	-	-	1.0	1.0	26.0	30.0
14	24.0	27.0	29.0	33.0	..	..	1.0	1.0	1.8	8.3	NW	SW	-	-	2.0	4.0	26.0	32.0
15	25.0	27.0	30.0	33.0	..	..	1.0	1.0	1.8	4.9	SW	SW	-	15.8	2.0	1.8	27.0	30.0
16	23.0	27.0	28.0	33.0	..	..	1.0	1.0	2.1	4.0	SW	SW	18.6	1.6	1.4	1.0	26.0	30.0
17	23.0	26.0	28.0	32.0	..	..	1.0	1.0	1.9	5.3	SE	SW	3.4	7.4	0.4	1.4	26.0	28.0
18	23.0	26.0	28.0	32.0	..	..	1.0	1.0	2.1	3.5	SW	SW	-	-	2.0	1.0	26.0	28.0
19	23.0	26.0	27.0	32.0	..	..	1.0	1.0	2.5	4.4	SW	SW	-	-	2.0	1.0	25.0	28.0
20	24.0	26.0	28.0	32.0	..	..	1.0	1.0	2.2	2.9	SW	SW	-	8.2	1.0	2.2	25.0	28.0
21	24.0	26.0	28.0	32.0	..	..	1.0	1.0	1.2	2.6	SW	NW	-	2.0	1.0	1.0	26.0	29.0
22	24.0	27.0	28.0	33.0	..	..	1.0	1.0	1.2	2.0	SW	NW	13.2	-	1.2	2.0	26.0	32.0
23	24.0	27.0	28.0	33.0	..	..	1.0	1.0	1.9	1.9	SW	SW	16.2	-	0.2	4.0	26.0	32.0
24	25.0	27.0	30.0	33.0	..	..	1.0	1.0	0.8	1.7	NW	SE	-	3.2	1.0	1.0	27.0	32.0
25	25.0	27.0	30.0	33.0	..	..	1.0	1.0	1.3	2.5	SW	SW	-	-	1.0	2.0	27.0	32.0
26	25.0	27.0	30.0	33.0	..	..	1.0	1.0	1.9	2.6	SW	SW	2.4	-	0.4	2.0	26.0	32.0
27	25.0	27.0	30.0	33.0	..	..	1.0	1.0	2.7	4.4	SW	SW	2.8	-	0.8	2.0	26.0	33.0
28	25.0	27.0	31.0	33.0	..	..	1.0	1.0	2.0	3.9	SW	SW	-	-	2.0	4.0	27.0	33.0
29	26.0	26.0	32.0	33.0	..	..	1.0	1.0	1.1	3.9	SW	SW	-	-	1.0	4.0	27.0	33.0
30	26.0	27.0	32.0	33.0	..	..	1.0	1.0	1.2	2.9	SW	SW	8.4	-	0.4	4.0	27.0	33.0
31	26.0	27.0	32.0	33.0	..	..	1.0	1.0	1.3	1.3	SW	SW	-	-	1.0	-	27.0	-
Total	756.0	840.0	919.0	1047.0	..	..	31.0	31.0	79.2	142.1			148.2	64.0	40.6	63.2	800.0	961.0
Average	24.4	27.1	29.6	33.8	..	..	1.0	1.0	2.6	4.6			4.8	2.1			25.8	31.0
	25.7		31.7		0.0	0.0	1.0		3.6			3.4			103.8		28.4	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotnrl
Sub-Division : Raipur
- 0.0 .. N.A.

AUGUST 2016																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		27.0		33.0								SW				1.0		17:30
1	26.0	27.0	32.0	33.0			1.0	1.0	2.6	4.0	SW	SW	4.6	-	0.6	1.0	26.0	33.0
2	25.0	26.0	31.0	32.0			1.0	1.0	2.5	4.3	SW	SW	-	-	2.0	1.0	26.0	32.0
3	25.0	26.0	31.0	32.0			1.0	1.0	2.6	4.5	NW	SE	-	-	2.0	1.0	25.0	32.0
4	25.0	26.0	31.0	32.0			1.0	1.0	3.6	4.8	NW	SW	4.2	-	2.2	1.0	25.0	32.0
5	24.0	25.0	30.0	31.0			1.0	1.0	4.4	4.8	SW	SW	59.2	43.8	7.2	1.8	24.0	30.0
6	24.0	25.0	29.0	30.0			1.0	1.0	3.6	0.7	SW	NW	36.0	36.6	2.0	2.6	24.0	29.0
7	24.0	25.0	29.0	29.0			1.0	1.0	3.7	5.3	SW	SW	-	-	1.0	1.0	24.0	29.0
8	24.0	25.0	29.0	29.0			1.0	1.0	1.9	5.8	SW	SW	-	-	1.0	2.0	25.0	30.0
9	23.0	25.0	30.0	30.0			1.0	1.0	2.0	5.0	SE	SW	2.4	-	1.0	1.0	26.0	30.0
10	23.0	24.0	29.0	29.0			1.0	1.0	2.7	4.5	SE	SW	12.4	-	2.4	1.0	25.0	30.0
11	24.0	24.0	28.0	29.0			1.0	1.0	1.6	5.8	SW	SW	2.2	-	0.2	1.0	25.0	30.0
12	24.0	25.0	28.0	30.0			1.0	1.0	3.0	7.6	SW	NW	-	-	1.0	2.0	26.0	30.0
13	24.0	25.0	29.0	30.0			1.0	1.0	3.3	6.1	SW	NW	-	-	2.0	1.0	26.0	30.0
14	24.0	25.0	29.0	30.0			1.0	1.0	2.5	7.6	SW	SW	-	-	2.0	2.0	26.0	30.0
15	24.0	26.0	29.0	29.0			1.0	1.0	4.1	7.0	SW	NW	-	-	2.0	2.0	26.0	30.0
16	23.0	24.0	28.0	29.0			1.0	1.0	4.1	4.7	SW	SW	1.4	1.6	1.0	1.0	25.0	30.0
17	23.0	24.0	28.0	28.0			1.0	1.0	3.0	5.1	SW	SW	1.6	-	1.0	1.0	24.0	30.0
18	23.0	23.0	28.0	29.0			1.0	1.0	2.2	5.8	SW	SW	-	1.6	1.0	1.0	24.0	30.0
19	23.0	23.0	28.0	29.0			1.0	1.0	2.5	6.0	SW	NW	-	-	1.0	2.0	24.0	31.0
20	23.0	25.0	29.0	30.0			1.0	1.0	2.7	4.9	SW	NW	-	-	2.0	2.0	25.0	31.0
21	23.0	25.0	28.0	30.0			1.0	1.0	1.4	3.8	SW	SW	-	-	2.0	2.0	25.0	31.0
22	24.0	25.0	29.0	30.0			1.0	1.0	0.9	3.2	SW	SW	-	-	2.0	2.0	26.0	31.0
23	24.0	25.0	29.0	30.0			1.0	1.0	1.7	3.4	SW	SW	-	-	2.0	2.0	26.0	31.0
24	25.0	26.0	30.0	31.0			1.0	1.0	0.5	1.8	SW	SW	-	-	2.0	2.0	27.0	31.0
25	25.0	26.0	30.0	31.0			1.0	1.0	0.2	3.0	NW	SW	-	14.0	2.0	2.0	27.0	30.0
26	25.0	26.0	30.0	31.0			1.0	1.0	0.8	2.6	SW	SW	3.4	-	1.0	1.0	27.0	30.0
27	24.0	26.0	29.0	31.0			1.0	1.0	0.9	2.9	NE	NE	3.0	-	1.0	2.0	27.0	30.0
28	25.0	27.0	29.0	32.0			1.0	1.0	0.3	2.0	NE	NE	-	-	2.0	2.0	28.0	32.0
29	26.0	27.0	31.0	32.0			1.0	1.0	0.4	1.6	NE	NE	-	-	2.0	2.0	29.0	32.0
30	26.0	27.0	31.0	32.0			1.0	1.0	0.5	2.2	NE	NE	-	-	2.0	2.0	29.0	32.0
31	26.0		31.0				1.0		2.6		SW		9.8	-	1.8		29.0	
Total	751.0	785.0	912.0	943.0			31.0	31.0	68.8	133.0			140.2	97.6	54.4	48.4	801.0	951.0
Average	24.2	25.3	29.4	30.4			1.0	1.0	2.2	4.3			4.5	3.1			25.8	30.7
	24.8		29.9		0.0		1.0		3.3				3.8		102.8		28.3	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotnrl
Sub-Division : Raipur
- 0.0 .. N.A.

SEPTEMBER 2016

Day LPOPM	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	26.0	27.0	31.0	32.0	..	..	1.0	1.0	2.2	2.2	SW	SW	-	-	2.0	2.0	32.0	32.0
2	26.0	27.0	31.0	32.0	..	..	1.0	1.0	0.5	2.5	SW	SW	-	-	2.0	2.0	29.0	32.0
3	25.0	27.0	30.0	32.0	..	..	1.0	1.0	2.8	7.4	SW	SW	-	-	2.0	2.0	28.0	32.0
4	25.0	27.0	30.0	32.0	..	..	1.0	1.0	2.2	5.7	SW	SW	3.2	-	1.0	2.0	28.0	32.0
5	25.0	27.0	30.0	32.0	..	..	1.0	1.0	1.7	3.7	SW	SW	-	-	1.0	1.0	27.0	31.0
6	25.0	26.0	30.0	31.0	..	..	1.0	1.0	1.4	6.0	SW	SW	-	-	1.0	1.0	27.0	32.0
7	24.0	25.0	29.0	30.0	..	..	1.0	1.0	2.2	-	SW	SW	-	4.4	2.0	0.4	27.0	31.0
8	24.0	25.0	29.0	30.0	..	..	1.0	1.0	1.3	5.9	SW	SW	-	-	1.0	2.0	26.0	31.0
9	24.0	24.0	29.0	31.0	..	..	1.0	1.0	1.1	4.9	SW	SW	-	18.4	1.0	0.4	26.0	30.0
10	24.0	25.0	29.0	32.0	..	..	1.0	1.0	1.4	2.6	SW	SW	2.2	-	0.2	1.0	26.0	31.0
11	23.0	24.0	29.0	32.0	..	..	1.0	1.0	2.2	3.6	SW	SW	7.2	-	1.0	2.0	26.0	31.0
12	23.0	24.0	28.0	32.0	..	..	1.0	1.0	1.4	2.2	SW	SW	36.8	-	2.8	1.0	25.0	31.0
13	24.0	24.0	27.0	32.0	..	..	1.0	1.0	1.6	3.2	NE	SW	16.4	-	0.4	2.0	25.0	31.0
14	24.0	25.0	27.0	31.0	..	..	1.0	1.0	1.1	2.7	NE	SW	-	8.4	2.0	0.4	26.0	31.0
15	23.0	26.0	28.0	32.0	..	..	1.0	1.0	0.9	2.8	NE	NE	-	-	2.0	2.0	26.0	32.0
16	24.0	26.0	29.0	32.0	..	..	1.0	1.0	1.1	1.6	NE	NE	-	1.6	2.0	0.6	27.0	32.0
17	24.0	26.0	29.0	32.0	..	..	1.0	1.0	0.2	2.1	SW	SW	-	12.4	1.0	0.4	27.0	31.0
18	24.0	26.0	30.0	32.0	..	..	1.0	1.0	0.3	1.1	SW	SW	-	-	2.0	2.0	27.0	32.0
19	25.0	26.0	31.0	32.0	..	..	1.0	1.0	1.0	2.0	SW	SW	11.8	-	1.8	2.0	27.0	32.0
20	25.0	26.0	31.0	32.0	..	..	1.0	1.0	1.1	2.3	SE	SW	3.6	-	1.6	1.0	27.0	32.0
21	25.0	26.0	30.0	33.0	..	..	1.0	1.0	0.6	2.5	NE	SW	-	1.4	2.0	1.0	27.0	32.0
22	25.0	25.0	30.0	33.0	..	..	1.0	1.0	1.6	4.0	NE	NE	-	-	2.0	2.0	27.0	32.0
23	24.0	25.0	30.0	33.0	..	..	1.0	1.0	1.7	4.9	NE	SE	1.4	-	1.0	2.0	26.0	32.0
24	24.0	25.0	29.0	32.0	..	..	1.0	1.0	1.7	2.9	NE	NE	-	4.0	2.0	2.0	26.0	31.0
25	23.0	25.0	29.0	31.0	..	..	1.0	1.0	1.1	1.4	NE	NE	45.6	3.2	3.4	1.2	25.0	31.0
26	23.0	24.0	29.0	31.0	..	..	1.0	1.0	1.2	1.4	SW	SW	10.6	26.0	0.6	2.0	25.0	30.0
27	23.0	24.0	28.0	31.0	..	..	1.0	1.0	0.4	1.7	NE	SW	4.0	-	2.0	1.0	25.0	30.0
28	23.0	24.0	28.0	31.0	..	..	1.0	1.0	1.3	1.4	SW	SW	2.4	-	1.0	1.0	25.0	30.0
29	24.0	24.0	28.0	31.0	..	..	1.0	1.0	0.7	2.5	NE	SW	-	3.2	1.0	1.0	26.0	30.0
30	24.0	28.0	28.0	31.0	..	..	1.0	1.0	0.9	-	NE	NE	11.0	-	1.0	-	26.0	-
Total	725.0	761.0	876.0	950.0	..	..	30.0	30.0	38.0	89.7			156.2	83.0	45.8	42.4	791.0	938.0
Average	24.2	25.4	29.2	31.7	..	..	1.0	1.0	1.3	3.0			5.2	2.8			26.4	31.3
	24.8		30.4		0.0	..	1.0		2.1				4.0		88.2		28.8	

* : One or more data missing LPOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
-0.0 .. N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	24.0	24.0	28.0	31.0	..	..	1.0	1.0	2.2	4.4	NE	NW	3.0	-	1.0	2.0	26.0	30.0
2	24.0	23.0	29.0	30.0	..	..	1.0	1.0	1.8	2.1	SW	SW	-	39.6	2.0	1.6	26.0	30.0
3	23.0	23.0	28.0	30.0	..	..	1.0	1.0	0.7	1.8	SW	SW	-	-	1.0	2.0	26.0	31.0
4	23.0	24.0	28.0	31.0	..	..	1.0	1.0	0.8	1.7	SW	SW	-	-	2.0	2.0	26.0	31.0
5	24.0	25.0	29.0	32.0	..	..	1.0	1.0	1.2	1.4	SW	SW	-	-	2.0	2.0	27.0	31.0
6	24.0	25.0	29.0	32.0	..	..	1.0	1.0	0.8	2.3	SW	SE	-	-	2.0	2.0	27.0	31.0
7	24.0	25.0	29.0	32.0	..	..	1.0	1.0	1.7	1.0	NE	SW	4.2	10.2	0.2	2.0	27.0	31.0
8	24.0	25.0	29.0	32.0	..	..	1.0	1.0	0.9	1.7	SW	SW	5.4	-	1.4	2.0	27.0	31.0
9	24.0	25.0	29.0	32.0	..	..	1.0	1.0	1.5	3.5	SW	SW	1.0	-	1.0	2.0	27.0	31.0
10	23.0	25.0	29.0	32.0	..	..	1.0	1.0	1.3	2.7	SW	SW	3.0	-	1.0	2.0	26.0	31.0
11	23.0	25.0	32.0	32.0	..	..	1.0	1.0	0.7	3.3	SW	SW	-	-	2.0	2.0	26.0	32.0
12	23.0	26.0	33.0	33.0	..	..	1.0	1.0	0.8	1.9	SW	SW	-	-	2.0	2.0	26.0	32.0
13	23.0	26.0	33.0	33.0	..	..	1.0	1.0	0.8	0.7	SW	SW	-	-	2.0	2.0	25.0	32.0
14	23.0	26.0	33.0	33.0	..	..	1.0	1.0	0.4	1.5	SW	SW	-	-	2.0	2.0	25.0	31.0
15	23.0	26.0	32.0	33.0	..	..	1.0	1.0	0.8	0.9	NE	SW	-	-	2.0	2.0	25.0	31.0
16	23.0	25.0	31.0	32.0	..	..	1.0	1.0	1.3	0.9	NE	SW	-	-	2.0	2.0	24.0	31.0
17	23.0	25.0	31.0	32.0	..	..	1.0	1.0	0.7	0.5	SW	SW	-	-	2.0	2.0	24.0	31.0
18	23.0	25.0	31.0	32.0	..	..	1.0	1.0	0.7	1.3	SW	SW	-	-	2.0	2.0	24.0	30.0
19	23.0	25.0	31.0	32.0	..	..	1.0	1.0	0.9	1.0	NE	SW	-	-	2.0	2.0	23.0	30.0
20	23.0	25.0	31.0	32.0	..	..	1.0	1.0	0.7	1.3	SW	SW	-	-	2.0	2.0	23.0	30.0
21	22.0	25.0	30.0	32.0	..	..	1.0	1.0	0.9	1.0	NE	SW	-	-	2.0	2.0	23.0	30.0
22	22.0	25.0	30.0	32.0	..	..	1.0	1.0	0.8	1.0	SW	SW	-	-	2.0	2.0	23.0	30.0
23	22.0	25.0	30.0	32.0	..	..	1.0	1.0	1.9	0.7	SW	SW	-	-	2.0	2.0	23.0	30.0
24	22.0	25.0	30.0	32.0	..	..	1.0	1.0	1.5	1.6	SW	SW	-	-	2.0	2.0	23.0	30.0
25	23.0	24.0	31.0	32.0	..	..	1.0	1.0	2.2	2.4	SW	SW	-	-	2.0	2.0	22.0	30.0
26	23.0	24.0	31.0	32.0	..	..	1.0	1.0	0.8	1.2	SW	SW	-	-	2.0	2.0	22.0	30.0
27	23.0	24.0	31.0	32.0	..	..	1.0	1.0	0.7	1.1	SW	SE	-	-	2.0	2.0	22.0	30.0
28	23.0	24.0	31.0	32.0	..	..	1.0	1.0	0.6	1.1	SW	SW	-	-	2.0	2.0	22.0	30.0
29	23.0	24.0	31.0	32.0	..	..	1.0	1.0	0.7	1.5	SW	SW	-	-	2.0	2.0	22.0	30.0
30	22.0	23.0	30.0	31.0	..	..	1.0	1.0	0.9	1.3	SW	SW	-	-	2.0	2.0	22.0	30.0
31	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.5	1.5	SW	SW	-	-	2.0	2.0	22.0	30.0
Total	714.0	766.0	941.0	989.0	..	..	31.0	31.0	33.3	50.8			16.6	49.8	55.6	60.6	760.0	951.0
Average	23.0	24.7	30.4	31.9	..	..	1.0	1.0	1.1	1.6			0.5	1.6			24.5	30.7
	23.9		31.1		0.0*		1.0		1.4				1.1		116.2		27.6	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotnrl
Sub-Division : Raipur
-0.0 .. N.A.

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.0	1.0	SW	SW	-	-	2.0	2.0	22.0	30.0
2	22.0	23.0	30.0	31.0	..	..	1.0	1.0	0.3	1.6	SW	SW	-	-	2.0	2.0	22.0	30.0
3	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.1	1.4	SW	SW	-	-	2.0	2.0	22.0	30.0
4	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.1	1.4	SW	SW	-	-	2.0	2.0	22.0	30.0
5	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.1	1.4	SW	SW	-	-	2.0	2.0	22.0	30.0
6	22.0	23.0	30.0	31.0	..	..	1.0	1.0	1.1	1.7	SW	NE	-	-	2.0	2.0	22.0	30.0
7	22.0	23.0	30.0	31.0	..	..	1.0	1.0	0.9	1.6	NE	SE	-	-	2.0	2.0	22.0	30.0
8	21.0	22.0	29.0	30.0	..	..	1.0	1.0	1.5	1.2	SW	SW	-	-	2.0	2.0	22.0	30.0
9	21.0	22.0	29.0	31.0	..	..	1.0	1.0	0.8	1.0	SW	SW	-	-	2.0	2.0	22.0	30.0
10	21.0	22.0	29.0	31.0	..	..	1.0	1.0	0.7	1.4	SW	SW	-	-	2.0	2.0	22.0	30.0
11	21.0	22.0	29.0	30.0	..	..	1.0	1.0	0.7	1.1	SW	SW	-	-	2.0	2.0	21.0	28.0
12	21.0	22.0	29.0	30.0	..	..	1.0	1.0	0.6	1.2	SW	NE	-	-	2.0	2.0	21.0	28.0
13	21.0	22.0	28.0	30.0	..	..	1.0	1.0	1.1	1.1	NE	NE	-	-	2.0	2.0	21.0	28.0
14	21.0	22.0	28.0	30.0	..	..	1.0	1.0	0.7	1.2	NE	SW	-	-	2.0	2.0	20.0	26.0
15	22.0	21.0	28.0	30.0	..	..	1.0	1.0	0.6	1.0	SW	SW	-	-	2.0	2.0	20.0	26.0
16	22.0	21.0	28.0	30.0	..	..	1.0	1.0	0.9	0.9	SE	SE	-	-	2.0	2.0	20.0	26.0
17	21.0	22.0	28.0	30.0	..	..	1.0	1.0	0.8	1.0	SE	SE	-	-	2.0	2.0	20.0	26.0
18	21.0	22.0	28.0	29.0	..	..	1.0	1.0	0.6	1.0	SW	SE	-	-	2.0	2.0	19.0	26.0
19	21.0	21.0	27.0	29.0	..	..	1.0	1.0	0.4	0.7	SW	SE	-	-	2.0	2.0	19.0	26.0
20	21.0	21.0	27.0	29.0	..	..	1.0	1.0	0.3	0.7	SW	SW	-	-	2.0	2.0	19.0	26.0
21	21.0	21.0	27.0	29.0	..	..	1.0	1.0	0.3	0.6	SW	SW	-	-	2.0	2.0	19.0	26.0
22	21.0	21.0	27.0	29.0	..	..	1.0	1.0	0.4	0.7	SE	SW	-	-	1.0	2.0	19.0	26.0
23	21.0	20.0	27.0	29.0	..	..	1.0	1.0	0.4	0.6	NE	SW	-	-	1.0	2.0	19.0	26.0
24	21.0	20.0	27.0	29.0	..	..	1.0	1.0	0.6	0.8	SW	NE	-	-	1.0	2.0	19.0	26.0
25	21.0	20.0	27.0	29.0	..	..	1.0	1.0	0.6	0.5	SW	NE	-	-	1.0	2.0	19.0	26.0
26	21.0	20.0	27.0	29.0	..	..	1.0	1.0	0.5	0.7	SW	NE	-	-	1.0	2.0	19.0	26.0
27	21.0	20.0	26.0	28.0	..	..	1.0	1.0	0.4	0.8	NE	NE	-	-	1.0	2.0	18.0	26.0
28	20.0	19.0	26.0	28.0	..	..	1.0	1.0	0.8	1.2	NE	SW	-	-	1.0	2.0	18.0	26.0
29	20.0	19.0	26.0	28.0	..	..	1.0	1.0	1.1	1.2	SW	SW	-	-	1.0	2.0	18.0	26.0
30	20.0	26.0	26.0	26.0	..	..	1.0	1.0	1.0	1.0	SW	SW	-	-	1.0	1.0	18.0	18.0
Total	636.0	646.0	843.0	895.0	..	..	30.0	30.0	22.2	33.4			0.0	0.0	51.0	60.0	606.0	830.0
Average	21.2	21.5	28.1	29.8	..	..	1.0	1.0	0.7	1.1			0.0	0.0		11.0	20.2	27.7
	21.4		29.0		0.0	0.0	1.0		0.9				0.0				23.9	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
- 0.0 .. N.A.

DECEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	17:30	19:0	28.0				1.0		1.1		SW				2.0		26.0	
1	20.0	19.0	26.0	28.0			1.0	1.0	1.3	1.1	SW	SW			1.0	2.0	18.0	25.0
2	20.0	19.0	26.0	28.0			1.0	1.0	1.7	1.1	SW	SW			1.0	2.0	18.0	25.0
3	20.0	19.0	26.0	28.0			1.0	1.0	0.9	1.3	SW	SW			1.0	2.0	18.0	25.0
4	20.0	19.0	26.0	28.0			1.0	1.0	0.9	1.3	SW	SW			1.0	2.0	18.0	25.0
5	20.0	19.0	26.0	28.0			1.0	1.0	0.8	1.4	SW	SW			1.0	2.0	18.0	25.0
6	20.0	19.0	26.0	27.0			1.0	1.0	1.0	0.9	SW	SW			1.0	2.0	18.0	25.0
7	20.0	19.0	25.0	27.0			1.0	1.0	0.7	1.3	SW	SW			1.0	2.0	18.0	25.0
8	20.0	18.0	25.0	27.0			1.0	1.0	1.1	0.6	SW	SW			1.0	2.0	18.0	25.0
9	19.0	18.0	25.0	27.0			1.0	1.0	0.6	0.6	SW	SW			1.0	2.0	17.0	24.0
10	19.0	18.0	25.0	27.0			1.0	1.0	0.3	0.5	SE	SE			1.0	2.0	17.0	24.0
11	19.0	18.0	25.0	27.0			1.0	1.0	0.8	0.9	SE	SE			1.0	2.0	17.0	24.0
12	19.0	18.0	25.0	27.0			1.0	1.0	0.8	1.1	SE	SE			1.0	2.0	17.0	24.0
13	19.0	18.0	25.0	27.0			1.0	1.0	0.8	1.2	SE	SW			1.0	2.0	17.0	25.0
14	19.0	18.0	25.0	27.0			1.0	1.0	0.8	1.2	SW	SW			1.0	2.0	17.0	24.0
15	19.0	18.0	25.0	27.0			1.0	1.0	0.9	1.0	SE	SE			1.0	2.0	17.0	24.0
16	19.0	18.0	24.0	26.0			1.0	1.0	1.3	1.2	SE	SW			1.0	2.0	17.0	23.0
17	18.0	17.0	24.0	26.0			1.0	1.0	0.8	0.8	SW	SW			1.0	2.0	17.0	23.0
18	18.0	17.0	24.0	26.0			1.0	1.0	0.8	1.0	SW	SW			1.0	2.0	17.0	23.0
19	18.0	17.0	24.0	26.0			1.0	1.0	0.7	1.1	SW	SW			1.0	2.0	17.0	23.0
20	18.0	17.0	24.0	26.0			1.0	1.0	0.7	0.9	SW	SW			1.0	2.0	16.0	23.0
21	17.0	16.0	23.0	25.0			1.0	1.0	0.8	0.5	NE	NE			1.0	2.0	16.0	23.0
22	17.0	16.0	23.0	25.0			1.0	1.0	0.6	1.1	SW	SW			1.0	2.0	16.0	23.0
23	16.0	16.0	23.0	25.0			1.0	1.0	0.5	1.1	SW	SE			1.0	2.0	16.0	23.0
24	15.0	16.0	23.0	25.0			1.0	1.0	0.9	0.8	NW	NW			1.0	2.0	16.0	23.0
25	15.0	16.0	23.0	25.0			1.0	1.0	0.6	0.6	NW	NW			1.0	2.0	16.0	23.0
26	15.0	16.0	23.0	25.0			1.0	1.0	0.5	0.8	SW	SW			1.0	2.0	16.0	23.0
27	15.0	16.0	23.0	25.0			1.0	1.0	0.5	0.6	SW	SW			1.0	2.0	16.0	23.0
28	15.0	16.0	23.0	25.0			1.0	1.0	0.6	1.6	SW	SW			1.0	2.0	15.0	22.0
29	15.0	15.0	22.0	26.0			1.0	1.0	1.4	0.7	SW	SW			1.0	2.0	15.0	22.0
30	14.0	15.0	22.0	26.0			1.0	1.0	0.5	0.5	SW	SW			1.0	2.0	15.0	22.0
31	14.0		22.0				1.0		0.4		SW				1.0		15.0	
Total	552.0	540.0	751.0	820.0			31.0	31.0	25.0	29.9			0.0	0.0	31.0	62.0	519.0	737.0
Average	17.8	17.4	24.2	26.5			1.0	1.0	0.8	1.0			0.0	0.0		93.0	16.7	23.8
	17.6		25.3		0.0		1.0		0.9				0.0				20.3	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
- 0.0 .. N.A.

JANUARY 2017																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.0		26.0				1.0		0.7		SW				2.0		22.0
1	14.0	15.0	22.0	26.0			1.0	1.0	0.8	1.4	SW	SW			1.0	2.0	15.0	22.0
2	14.0	15.0	22.0	26.0			1.0	1.0	0.9	1.1	SW	SW			1.0	2.0	15.0	22.0
3	14.0	15.0	22.0	26.0			1.0	1.0	0.7	1.8	SW	SW			1.0	2.0	15.0	22.0
4	13.0	14.0	21.0	26.0			1.0	1.0	0.9	1.3	NE	SW			1.0	2.0	15.0	22.0
5	13.0	14.0	21.0	26.0			1.0	1.0	0.8	1.2	NE	SW			1.0	2.0	14.0	22.0
6	13.0	14.0	21.0	26.0			1.0	1.0	0.6	0.9	NE	SW			1.0	2.0	14.0	22.0
7	13.0	14.0	21.0	26.0			1.0	1.0	0.5	1.2	SW	SW			1.0	2.0	14.0	22.0
8	13.0	14.0	21.0	26.0			1.0	1.0	0.7	1.1	SW	SW			1.0	2.0	14.0	22.0
9	13.0	14.0	21.0	26.0			1.0	1.0	0.8	1.4	SW	SW			1.0	2.0	14.0	22.0
10	13.0	14.0	21.0	26.0			1.0	1.0	1.0	1.3	SW	SW			1.0	2.0	14.0	22.0
11	13.0	14.0	20.0	25.0			1.0	1.0	1.3	2.2	SW	SW			1.0	2.0	14.0	22.0
12	12.0	14.0	20.0	25.0			1.0	1.0	1.4	1.1	NE	SW			1.0	2.0	14.0	22.0
13	12.0	14.0	20.0	25.0			1.0	1.0	1.2	1.1	NE	SW			1.0	2.0	13.0	21.0
14	12.0	14.0	20.0	25.0			1.0	1.0	1.0	1.2	NE	SW			1.0	2.0	13.0	21.0
15	12.0	14.0	20.0	25.0			1.0	1.0	0.8	1.3	SW	SW			1.0	2.0	13.0	21.0
16	12.0	14.0	20.0	26.0			1.0	1.0	0.8	1.2	SW	SW			1.0	2.0	13.0	21.0
17	12.0	13.0	19.0	26.0			1.0	1.0	0.9	0.5	SW	SW			1.0	2.0	13.0	21.0
18	11.0	13.0	19.0	26.0			1.0	1.0	0.8	0.6	NW	SW			1.0	2.0	13.0	21.0
19	11.0	13.0	19.0	26.0			1.0	1.0	0.5	0.5	NE	SW			1.0	2.0	13.0	21.0
20	11.0	13.0	19.0	26.0			1.0	1.0	0.4	1.1	NE	SW			1.0	2.0	13.0	21.0
21	11.0	13.0	19.0	26.0			1.0	1.0	0.9	1.3	NE	SW			1.0	2.0	13.0	21.0
22	11.0	13.0	19.0	26.0			1.0	1.0	1.0	1.8	SW	SW			1.0	2.0	13.0	21.0
23	11.0	13.0	19.0	26.0			1.0	1.0	1.0	0.8	SW	SW			1.0	2.0	13.0	21.0
24	13.0	15.0	21.0	28.0			1.0	1.0	0.7	1.1	NE	SW			1.0	2.0	13.0	21.0
25	13.0	15.0	21.0	28.0			1.0	1.0	1.6	0.9	NE	NE			1.0	2.0	13.0	21.0
26	13.0	15.0	21.0	28.0			1.0	1.0	0.8	0.7	NE	NE			1.0	2.0	13.0	21.0
27	13.0	15.0	21.0	28.0			1.0	1.0	0.9	2.8	SW	SW			1.0	2.0	14.0	21.0
28	13.0	15.0	21.0	28.0			1.0	1.0	0.8	1.0	SW	SW			1.0	2.0	14.0	21.0
29	13.0	15.0	21.0	28.0			1.0	1.0	0.7	1.0	SW	SW			1.0	2.0	14.0	21.0
30	13.0	15.0	21.0	28.0			1.0	1.0	0.7	1.1	SW	SW			1.0	2.0	14.0	21.0
31	13.0		21.0				1.0		0.8		SW				1.0		14.0	
Total	388.0	438.0	634.0	815.0			31.0	31.0	26.7	36.7			0.0	0.0	31.0	62.0	424.0	664.0
Average	12.5	14.1	20.5	26.3			1.0	1.0	0.9	1.2			0.0	0.0			13.7	21.4
	13.3		23.4		0.0		1.0		1.0				0.0		93.0		17.5	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotnrl
Sub-Division : Raipur
- 0.0 .. N.A.

FEBRUARY 2017																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.0		28.0				1.0		1.0		SW				2.0		21.0
1	13.0	15.0	21.0	28.0			1.0	1.0	0.9	1.0	SW	SW			1.0	2.0	14.0	24.0
2	13.0	15.0	21.0	30.0			1.0	1.0	0.8	1.7	SW	SW			1.0	2.0	14.0	24.0
3	13.0	15.0	24.0	30.0			1.0	1.0	1.2	1.2	SW	SW			1.0	2.0	16.0	24.0
4	13.0	15.0	24.0	30.0			1.0	1.0	0.9	1.6	SW	SW			1.0	2.0	16.0	24.0
5	13.0	15.0	24.0	30.0			1.0	1.0	0.8	1.7	SW	SW			1.0	2.0	16.0	24.0
6	13.0	15.0	24.0	30.0			1.0	1.0	1.0	1.2	SE	SE			1.0	2.0	16.0	24.0
7	13.0	15.0	24.0	30.0			1.0	1.0	1.0	1.0	SE	SE			1.0	2.0	16.0	25.0
8	13.0	16.0	24.0	30.0			1.0	1.0	0.8	0.9	SE	SE			1.0	2.0	16.0	25.0
9	14.0	16.0	24.0	31.0			1.0	1.0	1.0	1.2	SE	SE			1.0	2.0	16.0	25.0
10	14.0	16.0	24.0	31.0			1.0	1.0	0.7	1.3	SE	SE			1.0	2.0	16.0	25.0
11	14.0	16.0	24.0	31.0			1.0	1.0	0.9	1.3	SE	SE			1.0	2.0	16.0	25.0
12	14.0	16.0	24.0	31.0			1.0	1.0	1.0	1.2	SE	SE			1.0	2.0	16.0	25.0
13	14.0	16.0	24.0	31.0			1.0	1.0	0.7	1.3	NE	NE			1.0	2.0	17.0	25.0
14	14.0	16.0	25.0	31.0			1.0	1.0	0.8	1.8	NE	NE			1.0	2.0	17.0	26.0
15	14.0	17.0	25.0	32.0			1.0	1.0	0.8	1.2	NE	NE			1.0	2.0	17.0	26.0
16	14.0	17.0	25.0	32.0			1.0	1.0	0.7	1.0	NE	NW			1.0	2.0	18.0	26.0
17	14.0	17.0	25.0	32.0			1.0	1.0	0.6	1.2	NW	NE			1.0	2.0	17.0	26.0
18	15.0	17.0	25.0	32.0			1.0	1.0	0.7	1.1	NW	SE			1.0	2.0	18.0	26.0
19	15.0	17.0	25.0	32.0			1.0	1.0	0.8	1.1	SW	SE			1.0	2.0	18.0	27.0
20	15.0	17.0	25.0	32.0			1.0	1.0	0.8	1.3	SW	SE			1.0	2.0	18.0	27.0
21	15.0	18.0	25.0	32.0			1.0	1.0	0.8	0.9	SW	SE			1.0	2.0	18.0	27.0
22	16.0	18.0	26.0	34.0			1.0	1.0	0.8	1.1	SW	SE			1.0	2.0	18.0	27.0
23	16.0	18.0	26.0	34.0			1.0	1.0	0.5	1.6	SW	SW			1.0	2.0	18.0	27.0
24	16.0	18.0	26.0	34.0			1.0	1.0	1.0	1.2	SW	SW			1.0	2.0	18.0	27.0
25	15.0	18.0	27.0	34.0			1.0	1.0	0.8	1.1	SW	SW			1.0	2.0	18.0	27.0
26	15.0	18.0	27.0	34.0			1.0	1.0	0.8	1.1	SW	SW			1.0	2.0	18.0	27.0
27	15.0	18.0	27.0	34.0			1.0	1.0	0.9	1.1	SW	SW			1.0	2.0	18.0	27.0
28	15.0		27.0				1.0		0.6		SW				1.0		19.0	
Total	398.0	460.0	692.0	880.0			28.0	28.0	23.2	34.3			0.0	0.0	28.0	56.0	471.0	710.0
Average	14.2	16.4	24.7	31.4			1.0	1.0	0.8	1.2			0.0	0.0		84.0	16.8	25.4
	15.3		28.1		0.0	0.0	1.0	1.0	1.0	1.0			0.0	0.0			21.1	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
-0.0 .. N.A.

MARCH 2017																			
	Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30		
	LPOPM		18.0		34.0						1.0		1.1						17:30
	1	15.0	19.0	27.0	34.0			1.0	1.0	0.8	1.2	SE	NE			1.0	2.0	19.0	27.0
	2	15.0	19.0	27.0	34.0			1.0	1.0	0.8	1.3	NE	NE			1.0	2.0	19.0	27.0
	3	16.0	19.0	27.0	34.0			1.0	1.0	1.5	1.7	NE	NE			1.0	2.0	19.0	27.0
	4	16.0	19.0	28.0	34.0			1.0	1.0	1.3	3.3	SW	SW			1.0	2.0	19.0	27.0
	5	16.0	19.0	28.0	34.0			1.0	1.0	3.0	4.2	SW	SW			1.0	2.0	19.0	27.0
	6	16.0	19.0	28.0	34.0			1.0	1.0	1.8	3.6	NW	NW			1.0	2.0	19.0	27.0
	7	16.0	19.0	28.0	33.0			1.0	1.0	2.0	2.2	NW	NW			1.0	2.0	19.0	27.0
	8	17.0	20.0	29.0	33.0			1.0	1.0	2.0	2.1	SW	SW			1.0	2.0	20.0	28.0
	9	17.0	20.0	29.0	33.0			1.0	1.0	1.6	3.6	SW	SW			1.0	2.0	20.0	28.0
	10	17.0	20.0	29.0	33.0			1.0	1.0	3.5	6.6	SW	SW			1.0	2.0	20.0	28.0
	11	17.0	20.0	29.0	33.0			1.0	1.0	3.6	4.5	SW	SW			1.0	2.0	20.0	28.0
	12	17.0	20.0	29.0	33.0			1.0	1.0	4.0	4.2	SW	NE			1.0	2.0	20.0	28.0
	13	17.0	20.0	29.0	33.0			1.0	1.0	0.7	2.4	NE	NE			1.0	2.0	20.0	28.0
	14	17.0	20.0	29.0	33.0			1.0	1.0	1.1	1.4	NE	NE			1.0	2.0	20.0	29.0
	15	17.0	20.0	30.0	33.0			1.0	1.0	1.5	1.4	NE	NE			1.0	2.0	21.0	29.0
	16	17.0	20.0	30.0	34.0			1.0	1.0	1.0	2.2	NE	SW			1.0	2.0	21.0	29.0
	17	18.0	21.0	30.0	34.0			1.0	1.0	1.2	2.8	SW	SW			1.0	2.0	21.0	29.0
	18	18.0	21.0	30.0	34.0			1.0	1.0	1.8	4.0	SW	SW			1.0	2.0	21.0	29.0
	19	18.0	21.0	30.0	34.0			1.0	1.0	2.4	3.9	SW	SW			1.0	2.0	21.0	29.0
	20	18.0	21.0	30.0	34.0			1.0	1.0	1.6	2.0	NE	NE			1.0	2.0	21.0	29.0
	21	18.0	21.0	30.0	35.0			1.0	1.0	1.4	1.4	NE	SE			1.0	2.0	22.0	31.0
	22	18.0	21.0	32.0	35.0			1.0	1.0	1.0	1.2	SE	SW			1.0	2.0	22.0	31.0
	23	19.0	21.0	32.0	35.0			1.0	1.0	1.0	2.2	SW	SW			2.0	3.0	22.0	31.0
	24	19.0	21.0	32.0	35.0			1.0	1.0	1.1	1.1	SW	SW			2.0	3.0	22.0	31.0
	25	19.0	21.0	32.0	35.0			1.0	1.0	1.6	1.9	SW	SW			2.0	3.0	22.0	32.0
	26	19.0	22.0	32.0	35.0			1.0	1.0	1.3	0.9	SW	SW			2.0	3.0	23.0	32.0
	27	19.0	22.0	33.0	36.0			1.0	1.0	0.7	2.0	SW	SW			2.0	3.0	23.0	32.0
	28	20.0	22.0	33.0	36.0			1.0	1.0	0.7	2.4	SW	SW			2.0	3.0	23.0	32.0
	29	20.0	22.0	33.0	36.0			1.0	1.0	1.0	1.7	SW	SW			2.0	3.0	23.0	32.0
	30	20.0	22.0	33.0	36.0			1.0	1.0	2.0	3.4	SW	SW			2.0	3.0	23.0	32.0
	31	20.0		33.0				1.0		2.0		SW				2.0		23.0	
Total	546.0	630.0	931.0	1059.0				31.0	31.0	48.0	77.9			0.0	0.0	40.0	70.0	647.0	903.0
Average	17.6	20.3	30.0	34.2				1.0	1.0	1.5	2.5			0.0	0.0			20.9	29.1
	19.0		32.1		0.0*			1.0		2.0				0.0	0.0			25.0	

• : One or more data missing LPOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotni
Sub-Division : Raipur
-0.0 .. N.A.

APRIL 2017																						
	Min Temperature (°C)				Max Temperature (°C)				Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30			08:30	17:30			08:30	17:30			08:30	17:30			08:30	17:30			08:30	17:30
Day																						
LPOPM																						
1	21.0	23.0	34.0	37.0		1.0	1.0	2.1	4.0	SW	SW	-	-	-	2.0	3.0	24.0	33.0		3.0	24.0	32.0
2	21.0	23.0	34.0	37.0		1.0	1.0	1.5	4.5	SW	SW	-	-	-	2.0	3.0	24.0	33.0		3.0	24.0	33.0
3	21.0	23.0	34.0	37.0		1.0	1.0	1.3	6.2	SW	SW	-	-	-	2.0	3.0	24.0	33.0		3.0	24.0	33.0
4	23.0	25.0	34.0	37.0		1.0	1.0	1.8	6.0	SW	SW	-	-	-	2.0	3.0	26.0	33.0		3.0	26.0	33.0
5	23.0	25.0	34.0	38.0		1.0	1.0	1.9	6.6	SW	SW	-	-	-	2.0	3.0	26.0	34.0		3.0	26.0	34.0
6	23.0	26.0	36.0	38.0		1.0	1.0	2.1	4.3	SW	SW	-	-	-	2.0	3.0	26.0	34.0		3.0	26.0	34.0
7	24.0	26.0	36.0	38.0		1.0	1.0	1.2	4.4	SW	SW	-	-	-	2.0	3.0	26.0	34.0		3.0	26.0	34.0
8	24.0	26.0	36.0	38.0		1.0	1.0	1.1	4.1	SW	NE	-	-	-	2.0	3.0	26.0	34.0		3.0	26.0	34.0
9	24.0	26.0	36.0	38.0		1.0	1.0	1.4	1.7	NE	NE	-	-	-	2.0	3.0	26.0	34.0		3.0	26.0	34.0
10	24.0	26.0	36.0	38.0		1.0	1.0	1.8	2.5	SW	NE	-	-	-	2.0	3.0	26.0	35.0		3.0	26.0	35.0
11	24.0	27.0	37.0	38.0		1.0	1.0	1.0	2.4	SW	SW	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
12	25.0	27.0	37.0	39.0		1.0	1.0	1.6	3.3	SW	NE	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
13	25.0	27.0	37.0	39.0		1.0	1.0	0.8	3.3	NE	SW	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
14	25.0	27.0	37.0	39.0		1.0	1.0	1.5	3.0	NE	SW	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
15	25.0	27.0	37.0	39.0		1.0	1.0	1.3	5.8	NE	SW	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
16	25.0	28.0	37.0	39.0		1.0	1.0	1.4	3.8	SW	SW	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
17	25.0	28.0	37.0	39.0		1.0	1.0	0.8	2.4	SW	NE	-	-	-	2.0	3.0	27.0	35.0		3.0	27.0	35.0
18	25.0	28.0	37.0	39.0		1.0	1.0	1.0	1.7	SW	NE	-	-	-	2.0	3.0	27.0	36.0		3.0	27.0	36.0
19	26.0	29.0	38.0	39.0		1.0	1.0	2.5	2.4	SW	NE	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
20	26.0	29.0	38.0	39.0		1.0	1.0	2.6	1.1	SW	NE	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
21	26.0	29.0	38.0	39.0		1.0	1.0	2.1	7.4	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
22	26.0	29.0	38.0	39.0		1.0	1.0	2.7	2.6	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
23	26.0	29.0	38.0	39.0		1.0	1.0	2.7	3.3	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
24	26.0	29.0	38.0	39.0		1.0	1.0	2.7	4.4	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
25	26.0	29.0	39.0	39.0		1.0	1.0	3.5	3.1	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
26	26.0	29.0	39.0	39.0		1.0	1.0	3.0	7.7	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
27	26.0	29.0	39.0	40.0		1.0	1.0	6.3	7.9	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
28	26.0	29.0	39.0	40.0		1.0	1.0	1.2	5.0	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
29	26.0	29.0	39.0	40.0		1.0	1.0	0.6	4.8	SW	SW	-	-	-	2.0	3.0	28.0	36.0		3.0	28.0	36.0
30	26.0		39.0			1.0		1.5		SW		-	-	-	2.0		28.0			2.0	28.0	
Total	739.0	809.0	1108.0	1155.0		30.0	30.0	57.0	122.5								60.0	90.0		806.0	806.0	1046.0
Average	24.6	27.0	36.9	38.5		1.0	1.0	1.9	4.1								60.0	90.0		26.9	26.9	34.9
	25.8		37.7		0.0*	1.0		3.0									150.0			30.9	30.9	

Twice Daily Climatic Data

Station Code : EMP00P8
Local River/Basin : Seonath

Station Name : Kotnrl
Sub-Division : Raipur
- 0.0 .. N.A.

MAY 2017																		
Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		29.0		40.0				1.0		3.8		SW				3.0		17:30
1	29.0	30.0	39.0	41.0	95	95	1.0	1.0	7.1	4.2	SW	SW	-	-	3.0	4.0	28.0	35.0
2	29.0	32.0	39.0	43.0	95	95	1.0	1.0	3.8	2.3	SW	SW	-	-	3.0	4.0	28.0	35.0
3	25.0	34.0	40.0	43.0	95	95	1.0	1.0	1.1	4.1	SW	SW	-	-	3.0	4.0	27.0	35.0
4	27.0	34.0	38.0	44.0	95	95	1.0	1.0	3.0	4.7	NW	SW	-	-	3.0	4.0	27.0	35.0
5	27.0	35.0	38.0	45.0	95	95	1.0	1.0	1.2	4.5	SW	NW	-	-	3.0	4.0	27.0	35.0
6	30.0	34.0	38.0	44.0	95	95	1.0	1.0	4.7	5.3	SW	NW	-	-	3.0	4.0	27.0	35.0
7	26.0	30.0	39.0	45.0	95	95	1.0	1.0	10.6	4.5	SW	NW	-	-	3.0	4.0	27.0	35.0
8	25.0	32.0	37.0	45.0	95	95	1.0	1.0	0.9	2.5	SW	SW	-	-	3.0	4.0	27.0	35.0
9	26.0	36.0	40.0	45.0	95	95	1.0	1.0	1.9	3.3	SW	SW	-	-	3.0	4.0	27.0	35.0
10	26.0	35.0	40.0	45.0	95	95	1.0	1.0	8.7	2.9	SW	SW	-	-	3.0	4.0	27.0	35.0
11	26.0	35.0	41.0	45.0	95	95	1.0	1.0	1.5	2.7	SW	SW	-	-	2.0	3.0	27.0	35.0
12	26.0	35.0	41.0	45.0	95	95	1.0	1.0	1.3	1.7	SW	SW	-	-	2.0	3.0	27.0	34.0
13	27.0	35.0	41.0	45.0	95	95	1.0	1.0	1.5	3.1	SW	SW	-	-	2.0	3.0	28.0	34.0
14	27.0	35.0	42.0	45.0	95	95	1.0	1.0	2.6	3.3	SW	SW	-	-	2.0	3.0	28.0	34.0
15	27.0	35.0	42.0	45.0	95	95	1.0	1.0	1.7	3.6	SW	SW	-	-	2.0	3.0	28.0	35.0
16	27.0	35.0	42.0	45.0	95	95	1.0	1.0	1.6	2.5	SW	SW	-	-	3.0	4.0	28.0	35.0
17	27.0	36.0	42.0	46.0	95	95	1.0	1.0	2.3	2.7	SW	SW	-	-	3.0	4.0	28.0	35.0
18	28.0	36.0	42.0	46.0	95	95	1.0	1.0	1.7	2.7	SW	SW	-	-	3.0	4.0	28.0	35.0
19	28.0	36.0	42.0	46.0	95	95	1.0	1.0	2.1	4.2	SW	SW	-	-	3.0	4.0	29.0	35.0
20	28.0	36.0	43.0	46.0	95	95	1.0	1.0	3.3	5.2	SW	SW	-	-	3.0	4.0	29.0	35.0
21	28.0	36.0	43.0	46.0	95	95	1.0	1.0	2.8	5.1	SW	SW	-	-	4.0	6.0	29.0	35.0
22	28.0	36.0	43.0	46.0	95	95	1.0	1.0	2.8	5.5	NW	SW	-	-	4.0	6.0	29.0	36.0
23	28.0	36.0	43.0	46.0	95	95	1.0	1.0	3.7	5.9	SW	SW	-	-	4.0	6.0	29.0	36.0
24	28.0	36.0	43.0	47.0	95	95	1.0	1.0	2.6	5.2	NW	SW	-	-	4.0	6.0	29.0	36.0
25	28.0	36.0	44.0	47.0	95	95	1.0	1.0	3.2	5.0	SW	SW	-	-	4.0	6.0	29.0	36.0
26	29.0	37.0	44.0	47.0	95	95	1.0	1.0	2.7	6.7	SW	SE	-	-	4.0	6.0	29.0	36.0
27	29.0	37.0	44.0	48.0	95	95	1.0	1.0	4.1	5.4	SW	NE	-	-	4.0	6.0	29.0	36.0
28	29.0	37.0	44.0	48.0	95	95	1.0	1.0	3.3	5.4	SW	SW	-	-	4.0	6.0	29.0	36.0
29	29.0	37.0	44.0	48.0	95	95	1.0	1.0	2.7	3.7	NE	NW	-	-	2.0	4.0	28.0	35.0
30	27.0	35.0	42.0	46.0	95	95	1.0	1.0	1.9	4.8	SW	NW	-	-	2.0	4.0	28.0	35.0
31	27.0		42.0		95		1.0		2.7		SW	SW	-	-	2.0		28.0	
Total	851.0	1078.0	1282.0	1403.0	95	95	31.0	31.0	95.1	126.5			0.0	0.0	93.0	134.0	868.0	1090.0
Average	27.5	34.8	41.4	45.3	95	95	1.0	1.0	3.1	4.1			0.0	0.0			28.0	35.2
	31.1		43.3		0.0*		1.0		3.6				0.0		22.0		31.6	

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

JUNE 2016																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	34.5	35.5	42.0	43.5	..	..	2.0	2.0	0.5	22.3	NW	NW	-	-	2.0	4.0	30.5	34.5
2	35.5	36.0	43.0	44.0	..	..	-	4.0	0.5	1.3	NW	NE	-	-	2.0	4.0	32.0	34.0
3	34.5	36.5	40.5	41.5	..	..	2.0	4.0	2.0	4.5	NE	NE	-	-	2.0	4.0	33.5	35.5
4	35.5	36.0	40.5	41.0	..	..	2.0	2.0	2.0	4.4	SE	SE	-	-	2.0	4.0	32.5	35.5
5	35.0	35.5	40.5	41.5	..	..	2.0	4.0	-	4.3	SW	SE	-	-	2.0	4.0	32.0	36.0
6	33.5	35.0	41.5	42.5	..	..	2.0	2.0	0.6	4.5	SW	NW	-	-	2.0	4.0	32.5	36.5
7	32.5	34.0	39.5	42.0	..	..	4.0	4.0	3.8	6.3	S	SE	-	-	2.0	4.0	33.0	37.0
8	32.0	34.5	39.5	42.0	..	..	2.0	2.0	2.6	3.9	NW	NW	-	-	2.0	4.0	31.5	38.5
9	31.5	33.5	39.0	40.0	..	..	2.0	2.0	4.6	5.0	SW	SW	-	-	2.0	3.0	32.5	38.0
10	33.0	33.5	39.5	41.0	..	..	4.0	2.0	4.8	5.6	SW	SW	-	-	2.0	4.0	30.5	37.5
11	33.0	33.5	41.0	41.5	..	..	2.0	2.0	2.5	6.4	SW	SE	-	-	3.0	4.0	31.0	39.0
12	32.5	32.5	40.0	41.0	..	..	4.0	2.0	4.7	6.0	SW	SE	-	9.8	2.0	0.8	32.0	36.5
13	31.0	31.0	39.0	39.5	..	..	4.0	8.0	2.7	6.4	SW	NW	-	10.0	-	2.0	31.5	32.0
14	31.5	31.5	35.5	39.5	..	..	6.0	6.0	4.9	6.3	SW	SW	21.0	-	1.0	2.0	31.0	32.0
15	30.0	30.5	37.5	40.0	..	..	2.0	4.0	0.3	6.5	SW	SW	-	-	3.0	3.0	28.0	32.5
16	31.5	33.0	39.0	39.5	..	..	2.0	6.0	3.5	4.7	NW	NW	-	-	4.0	2.0	31.0	38.0
17	32.5	33.0	37.0	39.5	..	..	2.0	2.0	2.4	1.7	SE	SW	-	-	2.0	4.0	32.0	36.5
18	27.5	33.0	37.5	39.0	..	..	2.0	2.0	4.3	1.9	W	SW	22.6	-	0.6	2.0	29.5	35.5
19	26.0	32.5	36.5	39.5	..	..	2.0	2.0	0.2	2.8	SE	SE	-	-	2.0	-	27.0	36.0
20	28.0	30.5	34.0	35.5	..	..	2.0	2.0	1.1	2.6	SE	SW	7.8	-	0.8	2.0	26.5	35.0
21	30.0	31.5	35.0	38.0	..	..	2.0	2.0	1.5	2.8	SW	SE	-	-	2.0	2.0	29.5	35.0
22	32.5	32.5	37.5	38.5	..	..	2.0	2.0	1.1	3.1	SW	SE	-	-	4.0	4.0	31.0	36.5
23	32.0	33.0	38.5	39.0	..	..	2.0	2.0	1.8	2.7	SW	SW	24.8	-	0.8	3.0	31.5	33.0
24	26.5	27.0	38.0	39.0	..	..	6.0	2.0	5.2	2.4	SW	SW	122.0	5.6	1.0	0.6	30.0	33.5
25	27.5	27.5	30.5	31.5	..	..	2.0	2.0	0.4	1.5	SW	SW	-	-	-	2.0	26.0	30.0
26	28.5	30.5	36.0	36.5	..	..	2.0	4.0	1.3	3.2	SW	W	-	-	1.0	4.0	29.0	38.5
27	28.0	31.0	35.5	36.5	..	..	2.0	2.0	1.9	1.6	NE	SE	16.6	-	0.6	2.0	30.5	36.5
28	27.5	28.0	35.5	38.5	..	..	2.0	4.0	1.8	6.4	NW	NE	35.4	-	2.4	-	29.5	37.5
29	28.5	30.0	34.0	34.5	..	..	2.0	4.0	3.4	6.5	NE	NE	13.0	-	1.0	2.0	26.5	28.5
30	29.5		35.0		..	..	2.0		3.5		NE		-		2.0		29.0	
Total	931.5	942.0	1138.0	1145.5	..	..	74.0	88.0	69.9	137.6			263.2	25.4	53.2	80.4	912.5	1025.0
Average	31.1	32.5	37.9	39.5	..	..	2.5	3.0	2.3	4.7			8.8	0.8			30.4	35.3
	31.8		38.7		0.0		2.8		3.5				4.8		133.6		32.9	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

JULY 2016																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		30.0		36.0		..		..		3.5		N		-		3.0		36.5
1	29.5	30.5	36.5	38.0	..	..	-	2.0	-	1.0	N	NW	-	-	2.0	4.0	31.5	37.5
2	30.0	31.0	38.0	38.5	..	..	2.0	2.0	2.2	4.4	SW	SW	-	-	-	2.0	29.0	36.5
3	27.5	27.0	35.0	31.0	..	..	2.0	2.0	2.3	5.1	SW	SW	30.2	0.4	2.8	-	26.0	35.0
4	27.0	26.0	31.5	32.0	..	..	2.0	2.0	4.4	4.3	SW	SW	2.0	0.8	0.4	-	24.5	32.5
5	26.5	27.0	30.0	30.5	..	..	4.0	4.0	5.4	6.0	SW	SW	-	-	2.0	2.0	24.0	30.0
6	25.5	25.5	30.5	29.5	..	..	2.0	4.0	6.2	5.5	SW	SW	46.6	-	0.6	-	22.5	28.5
7	25.5	26.0	30.0	30.0	..	..	4.0	4.0	3.4	6.2	SW	SW	17.2	-	1.2	-	23.0	26.0
8	24.5	25.5	27.5	28.0	..	..	4.0	4.0	6.5	2.5	W	W	13.4	0.8	1.4	-	23.5	25.0
9	25.5	25.5	28.0	31.5	..	..	2.0	2.0	2.0	3.4	SW	SW	-	-	-	1.0	25.5	25.5
10	27.0	25.0	31.5	30.5	..	..	2.0	2.0	2.9	0.2	SW	N	4.4	1.0	0.4	-	26.0	24.0
11	26.0	25.5	29.5	31.5	..	..	2.0	2.0	2.8	2.8	SW	SW	16.6	-	0.6	2.0	25.0	23.5
12	25.5	26.0	31.0	28.5	..	..	2.0	2.0	3.4	6.3	SW	SW	-	-	-	1.0	25.5	23.5
13	25.5	27.0	28.0	29.5	..	..	2.0	2.0	4.5	5.1	SW	W	3.8	-	1.8	2.0	24.5	24.5
14	26.5	28.0	30.5	30.5	..	..	2.0	2.0	1.8	5.3	S	SW	-	-	2.0	2.0	26.0	26.0
15	26.0	28.5	32.5	33.5	..	..	2.0	2.0	1.7	5.8	W	NW	-	45.4	2.0	1.4	25.5	24.5
16	26.0	28.5	29.0	34.0	..	..	2.0	2.0	2.1	3.9	SW	SW	38.8	-	0.8	1.0	24.0	24.5
17	26.0	26.5	28.5	30.5	..	..	-	2.0	1.3	5.5	N	SW	4.4	5.8	0.4	1.8	25.0	24.0
18	25.5	26.0	30.0	28.0	..	..	2.0	6.0	1.5	1.1	SW	S	2.8	-	0.6	-	23.5	24.0
19	25.5	25.5	28.5	30.5	..	..	2.0	2.0	0.7	2.6	SW	SW	-	-	-	2.0	25.5	26.5
20	26.0	26.0	30.0	30.0	..	..	2.0	2.0	3.5	2.2	SW	SW	-	-	2.0	-	25.0	26.5
21	26.5	25.5	30.5	30.0	..	..	2.0	2.0	2.0	0.4	NW	N	18.2	-	-	1.0	24.5	27.0
22	25.5	25.0	29.0	31.0	..	..	2.0	2.0	1.2	1.1	NE	NE	28.0	9.8	-	1.8	24.0	28.5
23	26.0	26.5	30.0	34.5	..	..	2.0	2.0	0.6	1.4	SW	NE	1.0	-	-	1.0	25.0	29.0
24	28.0	27.5	29.5	35.5	..	..	2.0	2.0	1.0	4.4	NW	N	4.4	-	0.4	2.0	26.0	30.5
25	25.0	28.0	29.5	33.5	..	..	2.0	2.0	0.8	1.9	SW	SW	-	-	1.0	2.0	24.0	30.5
26	29.0	29.5	33.5	33.5	..	..	2.0	2.0	1.4	1.0	SW	SW	21.6	-	1.6	-	23.0	31.5
27	27.0	28.0	31.0	34.0	..	..	2.0	2.0	1.9	3.0	SE	SE	1.4	-	-	2.0	23.5	32.0
28	27.5	28.5	33.0	33.5	..	..	2.0	2.0	1.2	1.9	S	S	2.6	-	-	2.0	24.5	33.5
29	28.5	30.5	32.5	34.0	..	..	2.0	2.0	0.8	0.2	SW	SW	-	-	0.4	2.0	25.5	34.0
30	29.5	30.5	34.5	34.5	..	..	2.0	2.0	0.9	1.5	SW	SW	5.4	-	1.0	2.0	24.0	33.0
31	30.0		35.0		..	..	2.0		1.1		SW		5.0	-	1.0		26.0	
Total	829.5	846.0	964.0	996.0	..	..	64.0	72.0	71.3	99.2			267.8	64.0	26.4	41.0	775.0	894.0
Average	26.8	27.3	31.1	32.1	..	..	2.1	2.3	2.3	3.2			8.6	2.1			25.0	28.8
	27.0		31.6		0.0		2.2		2.8				5.4		67.4		26.9	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Twice Daily Climatic Data

Station Name : Pathardih
Sub-Division : Raipur

AUGUST 2016																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																		
LPoPM		31.0	35.0						2.0	1.6		SW				2.0		17:30
1	29.5	31.0	33.5	35.5	88	88	2.0	2.0	3.0	2.5	SW	SW	-	-	1.0	2.0	23.5	33.5
2	30.5	30.5	34.0	35.0	88	88	2.0	2.0	1.3	2.3	SW	SW	-	35.6	2.0	1.6	24.5	34.0
3	27.0	27.5	31.5	32.5	88	88	2.0	2.0	2.7	2.2	SW	SW	-	-	-	2.0	23.5	34.5
4	26.5	26.5	30.0	30.5	88	88	-	-	-	0.1	NE	NE	-	-	-	-	22.0	35.5
5	25.5	26.0	30.0	31.5	88	88	2.0	2.0	0.9	0.9	SW	SW	12.4	14.4	0.4	0.4	21.0	33.5
6	26.5	26.5	30.0	30.5	88	88	2.0	2.0	0.2	1.1	SW	SW	29.2	20.8	0.2	0.8	22.0	31.5
7	26.0	26.0	30.0	30.5	88	88	2.0	2.0	2.2	4.8	SW	SW	3.6	-	1.6	-	21.5	31.0
8	24.5	25.5	27.5	31.0	88	88	2.0	2.0	3.5	5.2	SW	SW	-	-	2.0	2.0	21.0	31.5
9	25.5	26.5	29.0	32.0	88	88	2.0	2.0	2.4	5.0	S	SW	-	-	2.0	2.0	23.5	32.5
10	26.5	26.5	31.5	31.5	88	88	2.0	2.0	2.2	2.2	SW	W	3.8	-	1.8	-	22.0	32.0
11	26.0	27.5	29.0	30.5	88	88	2.0	2.0	1.3	3.4	SW	SW	-	-	-	-	21.5	31.5
12	25.5	27.0	29.5	32.5	88	88	2.0	2.0	1.4	0.8	SW	SW	-	-	1.0	1.0	22.0	30.5
13	26.0	26.5	30.5	30.5	88	88	-	-	-	-	N	N	-	-	1.0	2.0	23.5	31.5
14	27.0	27.5	30.5	32.0	88	88	2.0	2.0	-	-	SW	SW	-	-	-	2.0	22.0	32.5
15	27.5	28.0	31.5	32.5	88	88	2.0	2.0	0.1	1.1	SW	W	-	-	1.0	2.0	22.5	33.0
16	26.5	27.0	30.5	32.0	88	88	2.0	2.0	0.5	1.3	SW	SW	-	-	1.0	2.0	22.0	31.5
17	25.5	27.5	31.5	32.0	88	88	2.0	2.0	0.6	0.1	SW	SW	4.6	1.8	0.6	2.0	21.0	31.0
18	25.0	27.0	27.5	31.5	88	88	2.0	2.0	1.0	3.8	SW	SW	-	1.2	-	2.0	20.0	30.5
19	25.5	26.5	28.0	31.5	88	88	2.0	2.0	-	0.2	SW	SW	-	-	1.0	2.0	22.0	30.5
20	27.0	27.0	31.0	32.0	88	88	-	-	-	0.1	N	N	-	-	2.0	1.0	24.0	31.5
21	27.0	28.5	32.5	33.5	88	88	-	2.0	-	-	N	W	-	-	2.0	2.0	26.5	31.5
22	27.5	28.5	33.0	33.0	88	88	2.0	2.0	0.1	0.5	W	SW	-	-	2.0	2.0	27.5	32.5
23	26.5	29.0	32.5	33.5	88	88	2.0	2.0	0.3	1.1	SW	SW	-	-	1.0	2.0	27.0	33.5
24	27.5	29.5	34.0	34.0	88	88	2.0	2.0	0.7	-	SW	N	-	-	1.0	2.0	28.5	33.5
25	29.0	29.0	33.5	34.5	88	88	2.0	2.0	0.1	0.8	SW	W	-	9.6	2.0	0.6	29.0	33.0
26	28.5	28.5	31.5	33.0	88	88	2.0	2.0	0.4	1.0	W	SW	-	3.6	-	-	26.5	34.0
27	27.5	29.0	33.0	34.0	88	88	2.0	2.0	0.8	1.1	NE	NE	4.2	-	-	2.0	26.0	34.0
28	28.0	30.5	33.0	34.5	88	88	2.0	-	1.0	0.2	NE	N	-	-	1.0	2.0	27.5	35.0
29	27.5	29.0	33.5	34.5	88	88	-	-	-	-	N	N	-	-	2.0	2.0	28.0	35.5
30	30.0	30.0	33.0	33.5	88	88	2.0	2.0	0.1	0.2	NE	N	-	-	2.0	2.0	29.0	34.5
31	27.5	-	31.5	-	88	88	2.0	-	0.6	-	NE	-	-	-	2.0	2.0	27.0	-
Total	836.0	866.5	967.5	1010.5	88	88	52.0	48.0	27.4	43.6	-	-	57.8	87.0	33.6	45.4	747.5	1012.0
Average	27.0	28.0	31.2	32.6	88	88	1.7	1.5	0.9	1.4	-	-	1.9	2.8	-	-	24.1	32.6
	27.5	-	31.9	-	0.0*	-	1.6	-	1.1	-	-	-	2.3	-	79.0	-	28.4	-

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Twice Daily Climatic Data

Station Name : Pathardih
Sub-Division : Raipur

SEPTEMBER 2016																		
Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		29.0		33.0				21.0		0.2		SE				2.0		17.30
1	30.0	30.5	32.5	34.5			2.0	2.0	0.0	0.9	SW	SW		1.2	2.0	2.0	28.5	33.5
2	28.5	31.0	31.5	35.0			2.0	2.0	0.9	2.0	SW	SW			1.0	2.0	27.5	34.5
3	27.0	30.5	29.5	34.5			2.0	2.0	2.0	1.3	SW	NW	3.8		0.8	1.0	26.5	32.5
4	30.5	30.0	31.0	34.0			0.8		1.7	0.2	SW	SW	1.8	0.8		1.0	27.0	31.5
5	28.5	30.0	30.0	33.5			2.0	2.0	1.2	0.3	SW	SW			2.0	2.0	26.5	32.0
6	29.0	31.5	31.5	34.5			2.0	2.0	2.0	4.4	SW	SW			2.0	2.0	27.5	31.5
7	28.5	31.0	30.5	34.0			2.0	2.0	0.9	2.2	SW	NW			2.0	2.0	28.5	32.0
8	28.0	31.5	30.5	35.0			2.0		0.2	0.3	NW	N			2.0	2.0	27.0	33.0
9	27.0	32.0	31.0	34.5			2.0	2.0	0.4	0.7	W	NW	2.2			2.0	26.0	34.0
10	26.5	33.0	30.5	35.5			2.0	2.0	0.1	1.4	SE	NW	0.6			2.0	25.5	34.5
11	26.0	33.5	31.0	36.0				2.0	0.4	4.1	N	NW	1.8		0.8	2.0	24.0	35.0
12	26.0	33.5	27.5	36.5			2.0	2.0	0.3	1.2	NE	NE	23.2		1.2		22.5	35.5
13	26.5	33.5	29.5	35.0			2.0	2.0	1.1	0.6	NW	NE	2.8	0.8	0.8		23.0	33.5
14	27.0	34.0	30.5	35.5			2.0		0.4	0.4	NE	N		3.6	1.0	1.6	22.0	33.0
15	27.5	35.5	30.5	36.5			2.0	2.0	0.1	0.1	NE	NE				2.0	23.5	34.0
16	28.0	35.5	33.0	36.5				2.0	0.2	1.9	N	NE			2.0	2.0	25.5	34.0
17	28.5	36.0	33.5	37.0			2.0	2.0	0.1	1.7	NE	SW			1.0	2.0	24.0	34.0
18	27.5	35.5	32.5	37.5			2.0	2.0	0.1	0.5	SW	SE			2.0	2.0	23.5	35.5
19	26.0	35.5	34.5	36.5			2.0	2.0	0.8	1.1	NW	SE			2.0	2.0	24.5	35.0
20	27.5	28.0	33.5	37.0			2.0	2.0		0.6	NW	N	35.8	2.0	1.8		23.5	33.0
21	28.5	27.0	34.5	35.0						0.8	N	N	11.4		1.4	2.0	22.0	36.5
22	27.5	27.5	34.0	34.5			2.0	2.0	0.5	0.5	NE	NE			2.0	2.0	21.5	36.0
23	28.0	28.0	34.5	35.0			2.0	2.0	0.5	1.5	NE	NE			2.0	2.0	22.5	35.5
24	27.5	26.5	33.5	35.5			2.0	2.0	0.1	1.2	NE	NE			2.0	2.0	23.5	36.5
25	26.5	26.0	34.0	36.5				2.0	0.4	1.1	N	NE	14.6	15.8	0.6	1.8	23.0	35.5
26	25.0	25.0	29.0	29.5			2.0		0.2		SW	N	14.2	12.8	0.2	0.8	22.5	34.5
27	26.5	24.0	27.5	28.5					0.1	0.1	N	N	29.8	21.2	1.8	1.2	21.0	34.0
28	25.5	24.5	29.0	30.0					0.3	0.2	N	N		12.2		0.2	20.5	33.5
29	26.0	26.0	27.5	28.0				2.0	0.1	1.1	N	NE	49.0	29.4	1.0	1.4	20.0	33.0
30	26.5		28.0				2.0		0.5		NE						22.5	
Total	821.5	915.0	936.0	1034.5			44.8	63.0	16.2	32.0			191.0	99.8	35.4	47.0	725.5	1022.0
Average	27.4	30.5	31.2	34.5			1.5	2.1	0.5	1.1			6.4	3.3			24.2	34.1
	28.9		32.8		0.0		1.8		0.8				4.8		82.4		29.1	

* : One or more data missing LDoPM - Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Twice Daily Climatic Data

Station Name : Pathardih
Sub-Division : Raipur

OCTOBER 2016																			
	Min		Max Temperature		Relative		Inst. Wind Speed		Av. Wind Speed		Wind Direction		Rainfall (mm)		Pan		Temp - Pan Water		
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
UpdM		26.0		28.5				2.0		0.8		NE		19.0					
1	25.5	26.5	28.5	30.0			2.0	2.0	0.2	1.1	NE	NE			1.0	2.0	23.5	33.5	
2	24.5	26.0	27.0	30.0				2.0		1.2	N	SE		1.8	2.0	0.8	22.5	32.5	
3	24.0	26.5	26.5	32.0				2.0	0.1	0.3	N	SW				2.0	22.0	33.0	
4	27.5	27.5	32.0	32.5						0.1	N	N			2.0	2.0	24.5	34.0	
5	28.0	28.5	32.0	33.5							N	N			2.0	2.0	25.0	34.5	
6	27.5	28.0	32.5	33.0			2.0	2.0		0.3	SW	SW		10.2	2.0	1.8	25.0	35.5	
7	27.5	28.0	34.0	34.5			2.0		0.7		SW	N	3.6	11.2	1.6	1.2	23.5	36.0	
8	26.0	27.5	30.5	34.5							N	N	0.6			2.0	22.0	35.5	
9	27.0	27.0	31.5	34.0							N	N			1.0		21.5	34.5	
10	26.5	26.5	30.0	33.5			2.0				W	N	16.2		0.2	2.0	20.5	35.5	
11	26.0	26.0	29.5	33.5				2.0		1.2	N	NW			2.0	2.0	20.0	36.5	
12	26.5	27.5	32.5	34.5			2.0	4.0	1.0	1.9	NW	W			2.0	2.0	20.0	37.5	
13	25.5	28.0	32.5	35.5				2.0	0.2	1.1	N	SW			1.0	2.0	22.5	37.5	
14	25.0	28.5	32.0	36.0			2.0	2.0	1.2	1.2	SW	NW			2.0	2.0	23.5	37.5	
15	25.0	25.0	31.5	34.0			2.0	2.0	0.8	0.9	NW	NW			2.0	2.0	24.0	36.5	
16	24.0	24.5	31.5	32.0			2.0	2.0	0.3	1.9	SW	NW			1.0	2.0	22.5	36.0	
17	24.5	25.0	32.0	32.5					0.1		N	N			1.0	2.0	21.5	33.5	
18	24.0	24.5	31.0	31.0			2.0	2.0	1.0	1.1	NW	NW			2.0	2.0	22.0	34.5	
19	24.5	25.0	31.0	31.5			2.0		0.7	0.6	NW	N			1.0	2.0	21.5	34.5	
20	24.0	25.0	31.5	31.5				2.0	0.5	0.4	N	NW			1.0	2.0	22.5	33.5	
21	23.5	24.0	31.0	31.0			2.0	2.0	1.0	0.6	NW	NW			2.0	1.0	21.0	33.0	
22	24.5	24.5	30.5	32.0					0.5	0.7	N	N			1.0	2.0	22.5	34.0	
23	24.0	24.5	31.0	32.5			2.0	2.0	1.0	1.6	NE	NE			1.0	2.0	22.0	34.5	
24	24.5	25.5	30.0	32.0			2.0	2.0	0.9	3.1	NW	NW			1.0	2.0	21.5	35.5	
25	24.0	25.5	31.0	31.5			2.0		1.2	0.4	NW	N			1.0	2.0	21.0	35.0	
26	23.5	26.0	31.0	32.5			2.0	2.0	1.0	1.9	NW	NW			1.0	2.0	22.5	35.5	
27	23.0	25.5	29.5	32.0			2.0	2.0	1.2	1.9	SE	NW			2.0	2.0	22.0	34.5	
28	23.0	26.0	30.0	33.0			2.0	2.0	0.9	2.0	NW	NE			1.0	2.0	21.0	34.5	
29	22.5	26.5	29.5	33.5				2.0	0.4	2.4	N	NE			1.0	2.0	21.5	35.0	
30	23.0	27.0	30.0	34.0					0.3	1.9	NW	NW			1.0	2.0	20.5	35.5	
31	23.5		32.5				2.0		1.0		NW				1.0		21.5		
Total	772.0	812.0	955.5	1012.0			36.0	44.0	16.2	30.6			20.4	42.2	39.8	54.8	687.0	1082.5	
Average	24.9	26.2	30.8	32.6			1.2	1.4	0.5	1.0			0.7	1.4			22.2	34.9	
	25.5		31.7		0.0	0.0	1.3	0.8					1.0		94.6		28.5		

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

NOVEMBER 2016																
Day	Min Temperature (°C)		Max Temperature (°C)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM																
1	23.0	27.5	32.0	34.5	2.0	2.0	1.0	2.1	NE	NW	-	-	2.0	2.0	23.0	35.5
2	23.5	27.5	32.5	34.0	-	2.0	0.7	1.5	NW	NW	-	-	2.0	2.0	22.5	35.0
3	23.5	27.5	32.5	35.0	2.0	2.0	1.0	1.1	NE	NW	-	-	2.0	2.0	22.0	34.0
4	23.5	27.5	32.0	34.0	2.0	2.0	0.8	1.1	NW	NW	-	-	1.0	2.0	23.0	34.5
5	23.0	26.5	32.0	33.5	2.0	-	0.9	0.2	NE	NE	-	-	-	-	24.0	32.5
6	22.5	26.0	32.5	33.0	-	2.0	1.0	1.1	NE	NW	-	-	2.0	2.0	25.5	32.0
7	23.5	26.0	32.0	33.5	2.0	-	0.8	0.7	NE	NE	-	-	1.0	2.0	24.5	30.5
8	21.0	26.0	30.0	33.0	2.0	-	1.0	0.8	N	NE	-	-	1.0	2.0	20.5	30.5
9	20.5	26.0	27.5	33.5	1.5	2.0	0.6	0.5	NE	NW	-	-	1.0	2.0	19.5	31.0
10	20.0	25.5	26.5	31.5	2.0	2.0	0.7	0.9	NW	NE	-	-	1.0	2.0	19.0	30.0
11	20.0	24.0	25.0	30.0	-	2.0	0.8	0.5	NE	NE	-	-	1.0	2.0	18.0	19.5
12	20.0	23.5	26.0	29.0	2.0	2.0	0.5	1.0	NW	NW	-	-	1.0	2.0	18.5	29.5
13	20.5	23.0	26.5	28.5	1.0	2.0	0.4	0.7	NE	NE	-	-	-	-	19.5	30.0
14	20.0	23.5	26.5	28.5	1.0	2.0	0.8	0.6	NW	NW	-	-	1.0	2.0	19.5	30.5
15	21.0	23.5	26.5	28.0	2.0	-	0.5	1.0	NE	NW	-	-	1.0	2.0	18.0	31.5
16	21.5	20.5	27.0	26.0	2.0	2.0	0.6	0.5	SE	NE	-	-	-	-	19.5	31.0
17	20.0	20.5	26.5	26.5	1.0	2.0	0.4	0.7	NE	NE	-	-	1.0	1.0	19.5	32.5
18	19.5	26.0	25.5	27.0	1.0	2.0	0.5	1.1	NW	NE	-	-	1.0	2.0	18.5	32.5
19	19.0	26.5	26.0	27.5	2.0	2.0	1.0	0.7	NE	NE	-	-	1.0	2.0	18.0	30.5
20	18.5	26.0	24.5	26.0	1.0	2.0	1.0	0.6	NW	NW	-	-	1.0	2.0	17.5	30.5
21	19.0	24.5	24.5	26.5	1.0	1.0	0.5	0.8	NE	NW	-	-	-	-	17.5	31.5
22	18.5	24.5	25.0	26.5	2.0	2.0	0.9	1.0	NE	NE	-	-	1.0	2.0	18.5	32.0
23	19.0	25.5	25.0	27.0	2.0	1.0	1.0	0.6	NW	NE	-	-	1.0	2.0	19.5	32.5
24	19.0	25.0	24.5	27.0	2.0	1.0	0.7	0.8	NE	NW	-	-	1.0	2.0	27.5	32.5
25	19.5	25.5	25.5	27.5	-	1.0	0.9	0.6	NW	NW	-	-	1.0	2.0	26.5	33.5
26	18.5	25.0	25.5	28.0	1.0	-	0.5	0.7	NE	NE	-	-	-	-	26.0	33.5
27	19.5	26.5	26.5	28.5	2.0	1.0	0.4	1.0	NW	NW	-	-	1.0	2.0	27.5	33.0
28	19.5	26.5	26.5	28.5	-	1.0	1.1	0.8	NW	NW	-	-	1.0	2.0	27.0	34.5
29	20.0	27.0	26.5	29.0	-	1.0	0.6	0.8	NW	NW	-	-	1.0	2.0	28.0	34.5
30	26.0	26.5	26.5	26.5	1.0	0.7	0.7	-	NW	-	-	-	1.0	-	27.5	-
Total	622.5	760.5	825.5	895.5	39.5	43.0	22.3	26.1			0.0	0.0	29.0	57.0	655.5	955.5
Average	20.8	25.4	27.5	29.9	1.3	1.4	0.7	0.9			0.0	0.0		86.0	21.9	31.9
	23.1		28.7		1.4		0.8				0.0				26.9	

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

DECEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		26.0		29.5		2.0		1.0		NW		-		2.0		34.0
1	19.5	26.0	26.0	28.5	2.0	2.0	2.5	3.0	SE	SE	-	-	1.0	2.0	27.5	32.5
2	19.0	25.5	25.0	27.5	2.0	1.0	1.3	2.0	SW	SW	-	-	-	2.0	26.5	32.0
3	19.5	25.0	25.0	27.0	1.0	0.9	2.5	2.0	SW	SW	-	-	1.0	2.0	26.5	30.5
4	20.0	25.0	26.0	26.5	-	1.0	-	1.0	SE	SE	-	-	1.0	2.0	25.5	30.0
5	19.5	26.0	26.0	27.5	2.0	2.0	0.8	0.7	SW	SE	-	-	1.0	2.0	24.5	29.5
6	19.0	26.5	25.0	27.5	0.7	0.6	2.0	1.0	SW	SE	-	-	1.0	2.0	24.0	28.5
7	19.0	26.5	25.0	28.0	2.0	2.0	2.2	3.5	SW	SE	-	-	-	2.0	21.5	29.5
8	18.0	26.0	24.5	27.5	0.6	0.8	3.0	4.5	SW	SE	-	-	1.0	2.0	22.5	28.5
9	17.5	25.5	24.0	26.5	0.5	1.0	2.5	4.0	SW	SE	-	-	1.0	2.0	22.0	28.5
10	17.5	24.5	24.5	26.0	0.4	0.7	2.2	2.4	SW	SE	-	-	1.0	2.0	20.5	27.0
11	17.0	24.0	24.0	25.5	0.5	0.8	2.5	5.0	SW	SE	-	-	1.0	2.0	20.0	26.5
12	16.5	24.0	24.0	25.5	0.6	0.8	4.0	5.0	NE	NE	-	-	1.0	2.0	19.5	26.5
13	18.0	23.5	25.0	25.0	0.7	1.0	3.0	3.5	NE	NE	-	-	1.0	2.0	21.5	26.0
14	19.0	23.0	24.5	25.0	1.0	0.7	2.5	4.0	NE	NE	-	-	-	2.0	21.5	26.5
15	19.5	23.5	25.0	26.5	2.0	2.0	4.5	3.5	NE	NE	-	-	1.0	2.0	23.0	28.5
16	18.5	23.0	25.0	26.0	1.5	1.0	3.0	4.0	NE	NE	-	-	1.0	2.0	23.0	27.5
17	18.0	24.0	24.0	26.5	1.5	1.7	2.5	3.0	NE	NW	-	-	-	2.0	22.5	27.0
18	17.0	24.0	22.5	26.0	1.6	1.0	1.5	1.0	NW	NW	-	-	1.0	2.0	21.0	27.0
19	16.0	23.5	22.0	25.5	1.0	-	1.0	2.0	NW	NW	-	-	1.0	2.0	20.5	23.5
20	15.5	23.0	22.0	25.0	2.0	0.5	1.5	2.0	NW	NE	-	-	1.0	2.0	19.5	22.5
21	16.0	20.0	22.0	23.0	0.9	1.0	1.5	2.5	NW	NE	-	-	1.0	2.0	18.0	25.0
22	17.5	18.5	24.0	23.0	2.2	0.6	2.5	3.0	NE	NE	-	-	1.0	2.0	21.5	23.5
23	16.5	19.0	22.5	23.5	0.7	0.5	4.0	2.5	NE	NE	-	-	1.0	2.0	17.5	22.5
24	16.5	18.0	22.5	23.0	0.8	0.7	2.2	2.0	NW	NE	-	-	-	2.0	19.5	21.5
25	16.0	17.0	22.0	22.5	0.5	0.6	3.0	2.5	NW	NE	-	-	-	2.0	19.0	21.0
26	16.5	17.5	22.0	22.5	0.5	0.8	3.5	4.0	SE	SE	-	-	1.0	2.0	18.5	23.5
27	16.5	18.0	23.5	23.0	0.6	0.7	3.0	2.0	SE	SW	-	-	1.0	2.0	17.5	24.0
28	16.0	17.5	22.0	22.5	1.0	1.0	1.5	3.0	SE	SW	-	-	1.0	2.0	17.5	24.5
29	16.0	18.0	22.0	23.0	2.0	1.0	1.7	5.0	SE	SE	-	-	1.0	2.0	18.5	24.5
30	17.5	19.5	22.5	24.5	1.5	0.9	4.0	3.5	SW	SW	-	-	1.0	2.0	19.5	25.5
31	18.5		24.5		1.0	3.0	3.0		SW		-	-	1.0		19.5	
Total	547.0	701.0	738.5	789.0	35.3	31.3	74.9	88.1			0.0	0.0	25.0	62.0	659.5	827.5
Average	17.6	22.6	23.8	25.5	1.1	1.0	2.4	2.8			0.0	0.0			21.3	26.7
	20.1		24.6		1.1		2.6				0.0			87.0	24.0	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

JANUARY 2017																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																		
1	17.5	20.0	24.0	25.0	88	88	18	18	18	18	NW	SW	-	-	1.0	2.0	19.5	25.5
2	17.5	20.5	24.0	25.5	88	88	18	18	18	18	SW	SW	-	-	1.0	2.0	19.5	25.5
3	18.5	19.5	24.5	25.0	88	88	18	18	18	18	NE	NW	-	-	1.0	2.0	19.0	23.5
4	18.0	19.0	23.5	24.5	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	18.5	23.0
5	18.0	19.0	22.5	24.0	88	88	18	18	18	18	NW	NW	-	-	-	2.0	18.0	22.5
6	17.0	18.5	22.5	23.5	88	88	18	18	18	18	NE	NE	-	-	1.0	2.0	19.5	21.5
7	17.0	16.5	23.0	23.5	88	88	18	18	18	18	NE	SW	-	-	1.0	2.0	18.5	21.5
8	17.0	16.5	22.5	23.0	88	88	18	18	18	18	SW	SW	-	-	1.0	2.0	18.5	22.5
9	17.0	16.0	23.5	23.0	88	88	18	18	18	18	SW	SW	-	-	1.0	2.0	19.5	23.5
10	18.0	16.0	24.5	24.5	88	88	18	18	18	18	NW	NW	2.2	2.2	0.2	2.0	21.5	25.0
11	18.5	17.5	23.0	22.5	88	88	18	18	18	18	SE	SE	-	-	1.0	2.0	20.0	23.5
12	16.0	17.0	23.0	22.5	88	88	18	18	18	18	NW	NW	-	-	-	2.0	20.0	23.0
13	15.0	16.5	21.5	21.5	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	18.5	23.0
14	14.5	16.0	21.0	21.5	88	88	18	18	18	18	NW	NE	-	-	1.0	2.0	18.0	24.5
15	16.5	15.5	22.5	21.5	88	88	18	18	18	18	SW	SW	-	-	1.0	-	20.5	24.5
16	15.0	15.5	22.0	20.0	88	88	18	18	18	18	SW	NW	-	-	1.0	2.0	18.0	24.0
17	16.0	15.0	22.0	20.0	88	88	18	18	18	18	NW	NE	-	-	1.0	2.0	20.5	23.5
18	17.5	16.5	23.0	22.5	88	88	18	18	18	18	NE	SW	-	-	1.0	2.0	21.5	23.5
19	18.5	18.0	25.0	23.5	88	88	18	18	18	18	SW	NE	-	-	1.0	2.0	24.5	26.5
20	19.5	18.5	25.0	23.5	88	88	18	18	18	18	SW	SW	-	-	1.0	2.0	24.0	26.5
21	19.5	19.5	25.0	24.5	88	88	18	18	18	18	NE	NE	-	-	1.0	2.0	21.0	27.5
22	19.0	20.5	25.0	26.5	88	88	18	18	18	18	NE	NW	-	-	1.0	2.0	21.0	27.5
23	20.5	20.0	26.0	26.5	88	88	18	18	18	18	NW	NE	-	-	1.0	2.0	22.5	27.0
24	19.5	19.5	26.5	26.0	88	88	18	18	18	18	NE	NW	-	-	1.0	2.0	21.5	26.5
25	19.0	18.5	25.0	24.5	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	24.5	25.5
26	18.0	18.0	26.0	24.5	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	20.5	24.5
27	19.5	21.0	25.5	27.0	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	20.0	27.5
28	20.5	21.5	27.5	27.5	88	88	18	18	18	18	NE	NW	-	-	1.0	2.0	19.5	28.0
29	19.5	21.5	26.5	27.5	88	88	18	18	18	18	NE	NW	-	-	1.0	2.0	20.5	28.5
30	18.5	22.5	25.5	28.0	88	88	18	18	18	18	NW	NW	-	-	1.0	2.0	20.0	30.5
31	19.0		25.5		88	88	18	18	18	18	NW				1.0		21.5	
Total	555.0	569.5	746.5	748.0	88	88	18	18	18	18			2.2	0.0	28.2	60.0	630.0	749.5*
Average	17.9	18.4	24.1	24.1	88	88	18	18	18	18			0.1	0.0			20.3	25.0*
	18.1		24.1		0.0*	0.0*	0.0*	0.0*	0.0*	0.0*			0.0		88.2		22.7*	

* : One or more data missing (DoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Twice Daily Climatic Data

Station Name : Pathardih
Sub-Division : Raipur

FEBRUARY 2017																		
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.5		30.0												3.0		
1	20.5	23.5	26.0	30.0							NW	NW			1.0	2.0	22.5	30.5
2	21.0	21.5	26.5	27.0							NW	NW			1.0	2.0	23.0	28.0
3	20.5	22.0	26.0	28.5			2.0	2.0	0.1	2.3	NE	NE			1.0	2.0	22.2	30.0
4	20.0	21.5	28.0	28.0			2.0	2.0	0.8	2.4	NE	NE			1.0	2.0	21.5	30.5
5	19.5	19.5	27.0	26.5				2.0	0.1	2.4	NW	NE			1.0	2.0	21.0	27.5
6	20.0	19.0	26.5	26.5				2.0	0.0	2.6	NE	NE			1.0	2.0	20.5	27.5
7	20.5	20.0	27.0	27.0				2.0	0.0	4.0	NE	SW			1.0	2.0	19.5	28.0
8	21.0	21.5	27.5	28.5				2.0	0.2	2.1	SW	SW			1.0	2.0	19.0	28.5
9	21.5	20.0	28.5	28.5				2.0	0.1	2.5	SW	SW			1.0	3.0	21.5	30.5
10	22.0	21.5	28.5	27.0			2.0	2.0	0.3	5.8	SW	SW			1.0	3.0	22.0	30.0
11	22.5	21.5	28.5	27.5				2.0	0.5	2.1	SW	S				2.0	22.5	31.5
12	22.0	21.0	27.5	26.5			2.0	2.0	5.4	4.9	SW	NE			1.0	2.0	23.0	30.0
13	19.5	20.5	24.5	26.0				2.0	0.6	3.8	NE	NE				2.0	22.0	29.5
14	19.5	20.0	26.0	27.5			2.0		0.1	2.8	NE	NW			1.0	2.0	22.5	30.0
15	21.5	21.5	28.0	27.5					0.2	0.9	NW	NW			1.0	2.0	23.5	30.5
16	21.5	22.5	28.5	29.0						0.7	NE	NW			1.0	2.0	23.0	31.0
17	21.0	22.0	28.5	29.5				2.0		0.8	NE	NW			1.0	2.0	21.5	31.5
18	22.0	23.0	29.0	30.0				2.0		1.8	SE	SE			1.0	2.0	20.5	32.0
19	22.5	22.5	30.0	30.0				2.0		4.2	SW	SE			1.0	2.0	20.5	32.0
20	23.0	22.0	30.0	29.5				2.0		2.3	SW	SE			1.0	2.0	20.0	31.5
21	23.0	21.5	30.5	29.0			2.0	2.0	0.0	2.3	SW	SE			1.0	2.0	22.5	31.5
22	24.0	22.0	32.5	29.5			2.0	2.0	0.8	4.3	SW	SE			1.0	2.0	21.5	32.0
23	24.0	23.0	32.5	30.5			2.0	2.0	0.1	3.6	S	SE			1.0	2.0	20.5	32.5
24	23.0	24.0	32.5	31.5			2.0	2.0	0.6	2.4	SE	N			1.0	2.0	21.5	32.5
25	22.5	25.5	30.0	32.0			2.0	4.0	2.0	5.0	NE	NW			1.0	2.0	20.5	32.5
26	21.0	25.0	24.5	32.5			2.0		0.1	3.8	NE	NW			1.0	2.0	21.5	33.0
27	21.5	24.5	30.0	32.5				2.0	0.1	5.3	NE	NE			1.0	2.0	23.0	33.5
28	22.5	30.5	30.5	30.5			2.0		0.2		NE	NE			1.0		23.0	
Total	603.0	615.5	795.0	808.0			24.0	42.0	12.3	74.7			0.0	0.0	26.0	59.0	605.7	858.5
Average	21.5	22.0	28.4	28.9			0.9	1.6	0.4	2.8			0.0	0.0			21.6	30.7
	21.8		28.6		0.0		1.2		1.6				0.0		85.0		26.1	

Twice Daily Climatic Data

Station Code : EMP70F3
Local River/Basin : Kharun

MARCH 2017																			
	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
[PopM]	25.0	33.0	33.0	33.0	33.0	33.0	2.0	2.0	3.4	3.4					2.0	2.0			
1	23.0	25.5	30.0	33.5	33.5	33.5	2.0	2.0	1.4	3.0	NE	NE	-	-	1.0	2.0	24.0	34.0	
2	23.5	26.0	30.5	34.0	34.0	34.0	2.0	2.0	1.4	1.5	NE	NE	-	-	1.0	2.0	24.5	34.5	
3	23.5	26.0	32.0	34.5	34.5	34.5	2.0	2.0	0.1	3.3	SW	SW	-	-	1.0	2.0	26.0	34.5	
4	25.0	25.5	32.5	32.5	32.5	32.5	2.0	2.0	0.3	4.0	NW	SW	-	-	1.0	2.0	27.0	33.0	
5	25.0	25.5	32.5	32.5	32.5	32.5	2.0	2.0	0.4	3.7	SW	NW	-	-	1.0	2.0	23.0	31.5	
6	23.5	24.5	32.0	32.0	32.0	32.0	2.0	2.0	0.8	3.4	NE	NE	-	-	1.0	2.0	23.5	31.0	
7	23.5	25.5	32.0	33.5	33.5	33.5	2.0	2.0	2.2	3.3	NE	SE	-	-	1.0	2.0	23.0	32.0	
8	22.5	25.0	30.0	32.5	32.5	32.5	2.0	2.0	1.5	0.5	SW	NW	6.2	-	0.2	2.0	20.5	32.0	
9	22.5	24.5	29.5	32.0	32.0	32.0	2.0	2.0	0.2	0.3	NW	SW	-	-	1.0	2.0	21.0	32.5	
10	24.0	24.0	31.5	31.5	31.5	31.5	2.0	2.0	0.0	4.7	SE	NW	-	-	1.0	2.0	21.5	31.0	
11	24.5	23.0	31.5	30.5	30.5	30.5	2.0	2.0	0.6	3.2	NW	NW	-	-	1.0	2.0	24.0	30.5	
12	25.0	23.5	31.5	31.0	31.0	31.0	2.0	2.0	0.2	6.2	SW	SW	-	-	1.0	2.0	24.5	30.5	
13	23.0	24.0	30.5	31.0	31.0	31.0	2.0	2.0	0.5	4.4	NW	NE	-	-	1.0	2.0	23.5	31.5	
14	22.0	24.5	30.0	32.0	32.0	32.0	2.0	2.0	0.9	5.4	NE	NE	-	-	1.0	2.0	23.0	32.0	
15	22.0	24.0	29.5	32.5	32.5	32.5	2.0	2.0	0.5	4.6	NE	SW	-	-	1.0	2.0	22.5	32.5	
16	22.5	25.0	31.0	33.5	33.5	33.5	2.0	2.0	0.3	2.4	SW	SW	-	-	1.0	2.0	22.0	33.0	
17	23.5	23.5	32.5	33.5	33.5	33.5	2.0	2.0	1.5	4.3	SW	SW	-	-	1.0	2.0	21.0	33.5	
18	26.5	24.0	32.5	34.0	34.0	34.0	2.0	2.0	0.2	4.0	SW	SW	-	-	1.0	2.0	23.0	34.5	
19	26.5	24.0	33.5	34.5	34.5	34.5	2.0	2.0	0.7	4.5	SE	SE	-	-	1.0	2.0	24.5	34.5	
20	26.0	24.5	33.5	35.0	35.0	35.0	2.0	2.0	3.6	5.4	SE	SE	-	-	1.0	2.0	25.5	33.5	
21	25.0	25.0	33.0	35.0	35.0	35.0	2.0	2.0	1.2	4.3	SE	SW	-	-	1.0	2.0	25.0	33.0	
22	26.0	25.5	33.5	35.0	35.0	35.0	2.0	2.0	0.2	1.6	SE	SW	-	-	1.0	2.0	25.5	34.0	
23	25.0	25.0	35.0	34.5	34.5	34.5	2.0	2.0	0.5	3.6	SE	SW	-	-	1.0	2.0	26.5	34.5	
24	25.5	25.5	36.0	34.0	34.0	34.0	2.0	2.0	0.1	2.0	SE	SW	-	-	1.0	2.0	26.0	35.0	
25	29.5	26.0	36.5	35.5	35.5	35.5	2.0	2.0	0.2	3.4	SE	SW	-	-	1.0	2.0	26.5	36.5	
26	24.5	26.0	36.5	35.5	35.5	35.5	2.0	2.0	0.5	4.1	SE	NW	-	-	1.0	2.0	27.0	37.0	
27	25.5	26.5	34.5	36.0	36.0	36.0	2.0	2.0	0.3	2.7	NW	NE	-	-	1.0	2.0	27.0	37.0	
28	27.5	30.0	35.5	37.0	37.0	37.0	2.0	2.0	0.3	2.7	NW	NE	-	-	1.0	2.0	28.5	38.5	
29	25.5	3.0	36.5	36.5	36.5	36.5	2.0	2.0	0.2	3.1	NW	NE	-	-	1.0	2.0	29.5	38.5	
30	23.5	29.0	35.5	35.5	35.5	35.5	2.0	2.0	0.4	4.0	NE	NW	-	-	1.0	2.0	28.5	38.0	
31	25.5	35.5	35.5	35.5	35.5	35.5	-	-	0.2	0.2	SW	SW	-	-	1.0	2.0	28.0	38.0	
Total	760.5	758.5	1016.5	1043.5	1043.5	1043.5	58.0	62.0	21.1	106.9			6.2	0.0	30.2	62.0	765.5	1048.0	
Average	24.5	24.5	32.8	33.7	33.7	33.7	1.9	2.0	0.7	3.4			0.2	0.0	24.7	24.7	29.3	33.8	
	24.5		33.2				0.0		2.1				0.1		92.2				

Station Code : EMP70F3
Local River/Basin : Kharun

Twice Daily Climatic Data

Station Name : Pathardih
Sub-Division : Raipur

APRIL 2017														
Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		30.0		35.5										
1	24.0	26.0	35.5	36.5			2.0	2.0	0.2	2.5	NW	SE	1.0	2.0
2	26.0	25.5	34.5	36.0			2.0	2.0	0.6	3.9	SW	NW	1.0	2.0
3	27.0	24.5	36.5	36.0			2.0	2.0	0.5	3.4	SW	SW	1.0	2.0
4	30.0	24.0	33.5	35.5			2.0	2.0	0.6	3.4	SW	SW	1.0	2.0
5	29.0	24.5	33.0	36.0			2.0	2.0	0.6	4.3	SW	SW	1.0	2.0
6	28.5	24.0	34.5	34.5			2.0	2.0	0.6	4.3	SW	SW	1.0	2.0
7	24.5	28.5	37.5	35.0			2.0	2.0	0.9	2.7	SW	SW	1.0	2.0
8	27.0	29.0	35.5	36.0			2.0	2.0	0.3	3.3	SW	SW	1.0	2.0
9	26.5	30.0	36.5	37.0			2.0	2.0	0.9	5.7	SW	SE	1.0	2.0
10	26.0	27.5	37.5	36.0			2.0	2.0	1.2	6.7	NE	NW	1.0	2.0
11	24.0	27.0	36.5	35.5			2.0	2.0	0.1	5.6	NE	NW	1.0	2.0
12	23.0	26.5	35.5	35.0			2.0	2.0	0.3	3.6	NE	NW	1.0	2.0
13	22.5	27.0	36.5	36.5			2.0	2.0	1.4	6.1	NE	NE	1.0	2.0
14	26.0	26.5	36.5	36.0			2.0	2.0	0.4	4.5	NW	NE	1.0	2.0
15	26.5	30.0	35.5	36.5			2.0	2.0	0.6	3.8	NE	NE	1.0	2.0
16	27.5	29.5	36.5	36.0			2.0	2.0	0.5	4.5	NE	NE	1.0	2.0
17	26.0	30.0	36.5	37.0			2.0	2.0	1.2	5.6	NE	N	1.0	2.0
18	28.0	31.0	36.0	37.5			2.0	2.0	1.2	3.3	NW	NE	1.0	2.0
19	28.0	29.0	39.0	36.5			2.0	2.0	1.4	6.4	NW	NW	1.0	2.0
20	27.0	28.5	28.5	39.5			2.0	2.0	1.1	6.5	SW	SE	1.0	2.0
21	29.0	30.5	37.0	39.5			2.0	2.0	1.0	5.5	SW	SE	1.0	2.0
22	25.5	30.0	36.5	39.0			2.0	2.0	1.5	7.4	SW	SW	1.0	2.0
23	26.0	29.0	37.5	35.5			2.0	2.0	0.5	8.2	SW	SW	1.0	2.0
24	27.0	30.0	36.5	37.5			2.0	2.0	0.6	8.1	SW	SW	1.0	2.0
25	26.0	26.5	39.5	39.0			4.0	4.0	1.3	10.0	SW	SW	1.0	2.0
26	25.5	32.0	39.5	37.0			2.0	2.0	0.7	8.0	SW	SW	1.0	2.0
27	24.0	31.5	37.5	37.5			2.0	2.0	0.3	5.5	SW	SW	1.0	2.0
28	24.0	30.0	36.5	35.5			2.0	2.0	2.8	3.2	SW	SW	1.0	2.0
29	25.5	30.0	35.5	36.5			2.0	2.0	0.6	3.3	SW	SW	1.0	2.0
30	25.5	36.5	36.5	36.5			2.0	2.0	1.6	1.6	SW	SW	1.0	2.0
Total	785.0	848.0	1084.0	1097.0			60.0	60.0	25.2	152.8			0.0	0.0
Average	26.2	28.3	36.1	36.6			2.0	2.0	0.8	5.1			0.0	0.0
	27.2		36.4		0.0*		2.0		3.0				0.0	32.0

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP70F3
Local River/Basin : Kharun

Station Name : Pathardih
Sub-Division : Raipur

Twice Daily Climatic Data

MAY 2017																				
	Min Temperature (°C)				Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1 ^{PM}		31.5		37.5																
1	25.5	30.0	36.0	39.5					2.0	2.0	3.0	7.2	SE	SW	-	-	1.0	2.0	30.0	37.5
2	25.0	30.5	37.5	39.5					2.0	2.0	2.5	3.6	SW	SW	-	-	1.0	2.0	29.0	36.5
3	26.0	31.0	36.5	32.0					2.0	2.0	0.4	3.6	SW	NW	-	-	1.0	2.0	30.5	36.0
4	25.5	31.0	37.0	37.5					2.0	2.0	1.3	4.4	SW	SW	-	-	1.0	2.0	30.0	35.5
5	28.0	31.5	38.5	37.5					2.0	2.0	0.7	3.7	SW	NE	-	-	1.0	2.0	31.0	36.5
6	27.5	32.0	39.5	37.0					2.0	2.0	2.0	8.4	SW	NE	-	-	1.0	2.0	39.5	37.5
7	28.0	32.0	34.0	36.5					2.0	2.0	6.0	1.6	NW	SW	-	-	1.0	2.0	39.0	35.5
8	28.0	32.5	36.5	36.0					2.0	2.0	3.7	1.1	SW	SW	-	-	1.0	2.0	38.0	35.0
9	28.5	33.0	36.5	36.0					2.0	2.0	0.5	1.1	SW	SW	-	-	1.0	2.0	37.5	35.5
10	27.0	34.0	35.5	36.5					2.0	2.0	2.0	0.1	SE	SW	-	-	1.0	2.0	36.0	36.5
11	27.5	33.5	37.5	35.0					2.0	4.0	-	4.0	SW	SE	-	24.8	1.0	0.8	37.0	35.0
12	27.5	31.0	36.5	35.5					2.0	2.0	0.2	-	SE	NE	-	-	1.0	2.0	30.0	36.0
13	27.0	33.0	35.0	36.0					2.0	2.0	0.5	1.2	SW	SW	-	-	1.0	2.0	32.5	36.5
14	28.0	34.0	36.0	36.5					2.0	2.0	0.2	0.3	SW	NW	-	-	1.0	2.0	31.5	36.0
15	32.5	35.0	41.0	40.5					4.0	2.0	0.2	3.8	SW	NW	-	-	1.0	2.0	32.5	37.5
16	34.0	35.5	40.5	41.0					2.0	2.0	0.9	3.5	SW	SW	-	-	1.0	2.0	32.0	37.0
17	33.0	36.5	41.5	41.0					2.0	4.0	1.4	9.2	NW	SW	-	-	1.0	2.0	32.0	37.5
18	32.5	36.5	42.5	42.0					2.0	2.0	0.8	3.5	NW	NW	-	-	1.0	2.0	33.0	38.5
19	31.5	37.0	42.5	43.5					2.0	2.0	1.0	3.6	NW	NW	-	-	1.0	2.0	33.5	39.5
20	32.5	36.0	43.0	43.0					2.0	2.0	1.4	4.2	NW	SW	-	-	1.0	2.0	34.0	38.0
21	31.5	36.5	41.5	42.5					2.0	2.0	0.6	4.6	NW	SW	-	-	1.0	2.0	32.5	39.0
22	30.5	36.0	41.0	43.5					2.0	2.0	1.0	8.6	NW	NW	-	-	1.0	2.0	32.0	38.0
23	30.0	33.0	41.0	41.5					2.0	2.0	1.6	5.7	NW	NW	-	-	1.0	2.0	31.5	38.5
24	32.0	35.5	41.5	43.0					2.0	2.0	0.1	3.9	NW	NE	-	-	1.0	2.0	32.0	39.0
25	30.5	36.0	40.0	42.0					2.0	2.0	0.5	1.2	SW	SW	-	-	1.0	2.0	32.5	39.0
26	31.0	35.0	39.0	41.5					2.0	2.0	0.5	2.3	SW	SE	-	-	1.0	2.0	32.0	40.0
27	30.5	36.5	41.5	43.0					2.0	2.0	4.8	1.4	SE	NW	-	-	1.0	2.0	31.0	40.0
28	32.0	35.0	40.0	42.0					2.0	2.0	7.9	5.4	NW	NW	-	-	1.0	2.0	30.5	39.5
29	30.0	32.0	38.5	40.0					2.0	2.0	4.5	5.3	SW	NW	-	-	1.0	2.0	29.5	38.0
30	31.0	31.5	36.5	38.5					2.0	2.0	3.1	5.0	SE	NW	-	-	1.0	2.0	29.0	38.0
31	27.5		36.5						2.0		3.4		NW		-	-	1.0		27.5	
Total	911.5	1044.0	1200.5	1217.0					64.0	66.0	56.6	117.0			0.0	24.8	31.0	60.8	1008.5	1159.0
Average	29.4	33.7	38.7	39.3					2.1	2.1	1.8	3.8			0.0	0.8			32.5	37.4
	31.5		39.0						2.1		2.8				0.4		91.8		35.0	

Twice Daily Climatic Data

Station Name : Simga
Sub-Division : UMSD, CWC, Raipur

Station Code : EMP000J1
Local River/Basin : Seonath

JUNE 2016

JUNE											JULY											
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	29.0		34.0		38.0		27.0		..		2.0		3.0		NE		-		3.0			
1	31.0	31.0	36.0	38.0	36.0	40.0	29.0	30.0	58.0	47.0	2.0	2.0	1.2	3.5	SE		-	3.0	4.0	29.0	35.0	
2	32.0	31.5	39.0	38.0	35.0	39.9	28.0	30.0	58.0	47.0	2.0	2.0	3.7	2.6	SE		-	3.0	4.0	30.0	29.5	
3	31.5	32.0	38.5	40.0	36.0	41.0	29.0	31.0	58.0	48.0	2.0	2.0	1.4	10.3	SW		-	3.0	4.0	29.5	30.0	
4	32.0	32.0	39.0	39.5	35.5	40.0	29.0	31.0	66.0	51.0	2.0	2.0	3.9	4.4	SW		-	4.0	4.0	32.0	30.0	
5	32.0	32.0	37.0	36.0	34.0	39.0	29.0	30.0	68.0	51.0	2.0	2.0	1.8	2.4	NE		-	3.0	4.0	31.0	30.0	
6	31.0	31.0	37.0	37.0	34.0	39.0	29.0	30.0	68.0	51.0	2.0	2.0	2.0	2.0	SW		-	3.0	4.0	30.5	30.5	
7	31.0	31.0	36.0	37.0	34.0	38.0	29.0	31.0	68.0	59.0	2.0	2.0	1.3	1.6	SW		-	3.0	4.0	30.0	30.0	
8	30.0	29.0	36.0	36.0	32.0	40.0	28.0	33.0	73.0	61.0	2.0	2.0	3.4	5.0	NE		0.6	2.5	4.0	28.0	35.0	
9	29.0	31.0	36.0	36.0	33.0	38.0	28.0	31.0	68.0	59.0	4.0	2.0	3.5	5.9	NE		-	3.0	4.0	26.0	32.0	
10	30.0	31.0	36.0	38.0	33.0	39.0	28.0	30.0	68.0	51.0	2.0	2.0	11.3	7.4	NE		-	3.0	4.0	27.0	36.0	
11	30.0	32.0	36.0	38.0	32.0	38.0	28.5	30.0	76.0	54.0	2.0	2.0	3.9	4.7	NE		-	3.5	4.0	28.0	35.0	
12	29.0	30.0	34.0	33.0	34.0	35.0	29.0	29.0	68.0	63.0	2.0	2.0	3.5	4.0	SW		2.0	3.5	-	29.0	30.0	
13	27.0	27.5	36.0	34.0	31.0	35.0	27.0	28.0	73.0	58.0	2.0	2.0	3.4	5.4	SW		2.8	0.8	3.0	26.0	32.0	
14	26.0	30.0	33.0	37.0	30.5	38.0	26.5	30.0	59.0	54.0	2.0	4.0	2.9	8.2	SW		-	3.5	4.0	25.0	32.0	
15	30.0	30.0	35.0	36.0	33.5	38.0	28.5	30.0	68.0	54.0	2.0	2.0	1.1	4.6	SW		-	3.5	3.5	29.0	32.0	
16	30.0	31.0	33.0	35.0	33.0	37.0	29.0	29.5	63.0	57.0	2.0	2.0	2.2	4.3	SW		-	3.0	3.0	29.0	32.0	
17	30.0	32.0	33.0	35.0	33.0	38.0	28.0	30.0	68.0	54.0	2.0	2.0	2.0	2.2	SW		-	3.0	3.0	29.0	32.0	
18	26.5	27.0	35.0	31.5	30.0	33.5	28.0	30.0	85.0	74.0	2.0	2.0	0.8	3.5	SE		16.0	0.6	3.0	24.5	30.5	
19	27.0	30.0	31.0	35.0	30.0	34.0	28.0	30.0	89.0	69.0	2.0	2.0	0.7	3.6	NE		15.2	1.2	2.0	26.5	32.5	
20	27.0	27.0	30.0	33.0	30.5	35.0	28.0	31.0	86.0	64.0	2.0	2.0	1.3	4.9	SW		-	1.5	3.0	28.5	32.5	
21	28.0	27.0	33.0	34.0	32.0	37.0	28.0	31.0	74.0	64.0	2.0	2.0	1.2	2.0	SW		-	3.0	3.0	27.0	34.0	
22	29.0	28.0	33.0	35.0	33.0	38.0	29.0	31.0	74.0	68.0	2.0	4.0	2.2	5.5	NE		-	3.0	3.0	27.0	34.0	
23	28.5	30.0	34.0	35.0	34.0	34.0	29.0	29.0	74.0	79.0	2.0	2.0	3.6	9.7	SW		22.8	0.8	2.0	23.5	28.5	
24	25.0	25.0	28.0	28.0	29.0	31.0	26.5	28.0	81.0	79.0	2.0	2.0	0.6	3.3	SE		-	2.0	2.5	25.5	33.5	
25	25.0	25.0	27.5	33.0	29.5	35.0	27.0	29.0	63.0	71.0	2.0	2.0	1.1	2.6	SW		-	3.0	2.4	26.5	29.0	
26	28.0	28.0	33.0	32.5	32.0	33.0	28.5	28.5	76.0	71.0	2.0	2.0	1.3	1.3	SW		3.4	0.4	3.0	24.5	32.0	
27	25.0	25.0	31.0	31.0	29.0	33.5	27.0	27.0	85.0	59.0	2.0	2.0	1.7	7.1	NE		26.4	1.2	0.4	-	24.5	30.0
28	25.0	25.0	31.0	28.0	29.0	32.0	27.0	29.0	85.0	79.0	..	2.0	2.0	2.8	5.1	NE		0.8	-	2.0	25.0	30.0
29	25.0	26.0	26.0	29.0	29.0	32.0	27.0	28.0	85.0	73.0	2.0	2.0	2.0	2.0	NE		-	-	-	25.0		
30	26.0		29.0		30.0		27.0		..		2.0		2.5		NE		-	-	-			
Total	856.5	876.0	1012.0	1042.5	968.5	1098.9	841.5	890.5	2107.0*	1778.0*	60.0*	64.0	73.9	140.4			90.0	26.0	67.2	91.4	822.5	950.0
Average	28.6	29.2	33.7	34.8	32.3	36.6	28.1	29.7	72.7*	61.3*	2.1*	2.1	2.5	4.7			3.0	0.9			27.4	31.7
	28.9		34.2		34.5		28.9		67.0*		2.1*		3.6				1.9		158.6		29.5	

* One or more data missing LDOPM : Last day of previous month

Station Code : EMP00011

Local River/Basin : Seonath

Twice Daily Climatic Data

Station Name : Simga

Sub-Division : UMSD,CWC,Raipur

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		26.0		32.5		35.0		29.5		93.0		2.0		4.4		NE		-		2.0		32.0
1	29.0	28.0	32.0	33.0	32.0	36.0	29.0	31.0	79.0	69.0	2.0	-	0.2	0.2	SE	SW	-	-	3.0	3.0	26.0	33.0
2	27.0	26.0	33.0	30.0	30.0	30.0	27.0	27.5	78.0	78.0	-	2.0	0.0	3.1	SE	SE	1.0	36.0	1.0	2.0	25.0	27.0
3	24.0	26.5	28.5	30.0	28.0	31.0	26.0	29.0	85.0	86.0	2.0	2.0	0.7	5.0	SW	SW	-	-	1.0	2.0	24.0	27.0
4	24.0	23.0	28.0	27.0	27.5	30.0	25.0	27.5	84.0	78.0	2.0	2.0	3.4	5.0	SW	SW	1.2	1.4	1.0	-	23.5	27.5
5	23.0	23.0	27.0	27.0	27.0	30.0	25.0	27.0	84.0	78.0	2.0	2.0	2.4	7.3	SW	SW	13.2	-	1.2	1.5	23.5	26.5
6	23.0	23.0	26.0	27.0	26.0	30.0	25.0	27.0	92.0	78.0	-	2.0	2.9	5.7	SW	SW	17.6	-	0.5	1.5	23.0	26.0
7	22.0	22.0	25.0	25.0	25.5	30.0	25.0	25.5	96.0	65.0	2.0	-	3.3	4.9	SW	SW	0.8	1.0	1.0	-	23.5	25.0
8	22.0	21.0	24.0	24.0	25.5	30.0	24.0	27.0	88.0	78.0	-	2.0	3.8	2.5	SW	SW	4.6	-	1.6	1.0	22.5	26.5
9	24.0	23.0	25.0	28.0	27.0	31.0	26.0	29.0	92.0	86.0	2.0	2.0	0.2	4.3	NE	SE	0.2	14.4	0.5	1.0	25.0	26.0
10	23.0	23.0	28.0	25.0	25.0	28.0	25.0	26.5	96.0	88.0	2.0	2.0	0.5	2.2	SW	SW	1.6	32.6	-	0.6	25.0	26.0
11	23.0	24.0	25.0	27.0	27.0	30.0	26.0	28.0	92.0	85.0	2.0	2.0	0.4	2.2	SW	SW	-	-	1.0	1.5	24.5	30.0
12	24.0	24.0	26.0	26.0	27.0	28.0	26.0	25.0	92.0	77.0	2.0	2.0	0.6	1.6	SE	SW	-	0.6	2.5	-	24.0	25.5
13	23.0	23.0	25.0	25.0	26.0	27.0	25.0	26.0	92.0	85.0	2.0	2.0	1.1	6.5	SW	SW	6.6	2.0	1.2	1.0	22.5	26.0
14	23.0	24.0	28.0	28.0	27.0	31.5	26.0	27.0	92.0	73.0	2.0	2.0	1.5	7.7	SW	SW	-	-	-	1.0	24.5	30.0
15	24.5	25.0	29.0	28.0	29.0	29.5	27.0	27.0	85.0	89.0	2.0	2.0	1.8	3.8	SW	SW	-	2.2	1.0	-	25.0	26.0
16	24.5	23.0	28.0	27.0	27.0	27.5	26.0	25.0	92.0	81.0	-	2.0	0.9	3.9	SW	SW	9.8	1.2	1.0	-	26.0	25.0
17	22.0	23.0	25.0	26.0	28.0	28.0	25.0	25.5	77.0	74.0	2.0	2.0	1.6	4.4	SE	SW	2.2	3.6	-	0.6	23.0	25.5
18	22.0	23.0	25.0	26.0	26.0	28.0	25.0	26.0	92.0	85.0	2.0	2.0	1.0	4.6	SW	SW	2.8	-	1.4	1.0	23.5	27.0
19	23.0	23.0	26.0	26.0	27.0	28.0	25.0	26.0	84.0	85.0	2.0	2.0	1.9	4.8	SW	SW	2.2	-	1.2	1.4	23.0	27.0
20	23.0	23.0	27.0	27.0	27.0	29.0	26.0	28.0	92.0	92.0	2.0	-	2.1	2.9	SE	NE	-	-	1.2	2.2	24.0	28.0
21	23.0	24.0	27.0	24.0	28.0	30.0	26.0	28.0	85.0	85.0	2.0	2.0	0.7	2.2	SE	SE	-	18.2	1.0	3.0	23.0	32.0
22	24.0	24.0	27.0	30.0	28.0	32.0	26.0	29.0	85.0	79.0	2.0	2.0	1.1	2.0	SE	NE	25.4	-	0.4	2.0	25.0	31.0
23	25.0	25.0	30.0	30.0	29.0	32.0	27.0	28.0	85.0	79.0	-	2.0	0.5	3.3	SE	SE	3.4	-	1.8	0.6	25.0	30.0
24	25.0	25.0	30.0	30.0	29.0	31.0	27.0	28.0	85.0	79.0	2.0	2.0	1.0	2.3	SW	NE	2.8	9.6	2.0	3.0	25.0	30.0
25	25.0	26.0	29.0	29.0	29.0	32.0	27.0	29.0	85.0	79.0	-	2.0	0.7	2.6	SW	SW	-	-	1.2	0.5	23.5	28.5
26	25.0	24.0	29.0	27.0	28.5	30.5	26.0	27.0	81.0	75.0	-	2.0	1.5	2.1	SE	SE	45.2	4.2	-	-	24.0	30.0
27	26.0	25.0	28.0	30.0	28.0	32.0	26.0	28.0	84.0	73.0	2.0	2.0	1.9	3.0	SW	SW	-	-	1.6	1.0	24.5	30.5
28	27.0	27.0	30.0	30.0	29.0	33.0	26.0	29.0	78.0	74.0	-	-	0.8	3.5	SE	SE	3.6	-	0.4	1.0	24.5	30.5
29	26.0	27.0	31.0	30.0	30.0	34.0	26.5	29.0	78.0	68.0	2.0	2.0	0.7	2.9	SW	SW	12.4	-	-	-	26.0	32.0
30	26.0	27.0	30.0	31.0	30.0	34.5	27.0	30.0	78.0	69.0	2.0	2.0	1.1	2.4	SE	SE	-	-	-	2.0	26.0	30.0
31	26.0		33.0		30.0		28.0				2.0		1.0		SE		20.6		1.8		24.0	
Total	751.0	753.5	864.5	865.5	863.0	950.0	807.0	856.0	2588.0*	2463.0	46.0	54.0	41.3	113.3			178.4	127.0	31.5	36.4	751.5	877.0
Average	24.2	24.3	27.9	27.9	27.8	30.6	26.0	27.6	86.3*	79.5	1.5	1.7	1.3	3.7			5.8	4.1			24.2	28.3
	24.3		27.9		29.2		26.8		82.9*		1.6		2.5				4.9		67.9		26.3	

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* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : Simga
Sub-Division : UMSD,CWC,Raipur

Station Code : EMP00J1
Local River/Basin : Seonath

AUG 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM																						
1	25.0	27.0	31.0	31.0	29.0	33.0	26.5	30.0	81.0	80.0	2.0	2.0	1.0	3.0	SW	SW	-	-	1.5	1.5	26.5	30.5
2	25.0	27.0	29.0	31.0	29.0	32.0	26.0	30.0	78.0	86.0	2.0	2.0	1.1	2.1	SW	SW	-	-	2.0	1.5	26.5	30.0
3	25.0	25.0	29.0	29.0	29.0	31.5	26.0	28.0	78.0	76.0	2.0	2.0	3.1	3.3	SW	SW	-	-	1.5	1.5	26.5	30.0
4	23.0	24.0	29.0	25.0	28.0	28.0	26.0	27.0	85.0	92.0	2.0	2.0	2.3	3.8	SW	SW	11.4	5.6	1.4	1.0	26.0	28.0
5	23.0	23.0	25.0	25.0	27.0	28.0	25.0	26.0	84.0	85.0	2.0	2.0	5.4	4.8	SW	SW	14.0	26.0	1.0	0.6	25.0	27.0
6	22.0	23.0	25.0	24.0	25.0	25.0	25.0	25.0	96.0	96.0	2.0	2.0	2.4	3.3	SW	SW	1.8	2.2	0.8	0.2	23.0	26.0
7	22.0	22.0	24.0	23.0	26.0	26.0	24.0	25.0	84.0	92.0	-	-	0.5	4.1	SW	SW	9.4	-	1.4	-	22.5	24.0
8	22.0	22.0	24.0	28.0	26.0	30.0	24.0	27.0	84.0	78.0	2.0	2.0	0.4	7.2	SW	SW	-	-	1.0	2.0	23.0	28.0
9	23.0	24.0	27.0	27.0	28.0	31.0	26.0	27.0	85.0	73.0	2.0	2.0	1.0	4.8	SW	SW	-	-	2.0	1.0	24.5	28.0
10	24.0	24.0	27.0	26.0	28.0	30.0	26.0	27.0	85.0	78.0	-	2.0	2.2	4.3	SW	SW	2.2	-	1.0	1.0	23.5	26.5
11	23.0	24.0	27.5	27.0	27.0	30.0	26.5	27.0	81.0	78.0	2.0	2.0	2.0	8.5	SW	SW	-	-	1.5	1.0	23.5	26.5
12	24.0	24.0	27.0	27.0	28.0	30.0	25.5	27.0	74.0	78.0	2.0	2.0	3.5	6.4	SW	SW	-	-	1.5	1.5	23.0	26.0
13	24.0	24.0	27.0	29.0	27.0	32.0	25.5	28.0	81.0	73.0	2.0	2.0	4.2	7.2	SW	SW	-	-	2.0	2.0	23.0	28.5
14	25.0	25.0	29.0	29.0	28.0	31.5	26.5	28.0	81.0	76.0	2.0	2.0	3.3	6.9	SW	SW	7.0	-	1.5	2.0	23.5	28.0
15	25.0	25.0	29.0	29.0	28.5	30.5	26.5	28.0	85.0	85.0	2.0	2.0	3.7	6.8	SW	SW	-	-	1.5	2.0	23.0	28.5
16	25.0	24.0	29.0	29.0	28.0	28.0	26.0	26.0	85.0	85.0	2.0	2.0	5.8	7.5	SW	SW	-	-	1.5	1.5	23.0	25.0
17	22.0	23.0	25.0	24.0	26.0	26.0	24.0	25.0	84.0	92.0	2.0	2.0	4.5	3.1	SW	SW	5.6	9.4	1.6	2.0	21.0	22.5
18	22.0	22.0	23.0	23.0	25.0	26.0	24.0	25.0	84.0	92.0	2.0	2.0	2.0	4.2	SW	SW	1.0	-	1.0	-	22.0	23.0
19	22.0	22.0	24.0	28.0	26.0	31.0	24.0	28.0	84.0	79.0	2.0	2.0	5.2	5.2	SE	SE	-	-	0.5	0.5	23.0	29.0
20	23.0	24.0	29.0	31.0	28.0	33.0	26.0	28.0	85.0	68.0	-	2.0	2.0	0.6	4.5	SW	SW	-	2.0	2.0	22.5	29.0
21	25.0	25.0	31.0	30.0	28.5	33.0	26.0	28.0	85.0	68.0	-	2.0	2.2	4.4	SW	SW	-	-	2.0	1.5	23.5	26.0
22	26.0	26.0	31.0	27.0	29.5	30.5	26.0	27.0	75.0	76.0	2.0	2.0	0.5	2.4	SE	SE	0.6	-	1.0	1.0	23.0	28.0
23	24.0	25.0	28.0	28.0	28.0	31.0	27.0	29.0	85.0	74.0	-	-	0.1	1.8	SE	SE	-	-	1.0	1.0	25.0	31.0
24	25.0	25.0	28.0	31.0	29.0	32.0	28.0	29.0	79.0	79.0	-	-	0.6	1.8	NE	NE	11.2	1.0	2.0	2.0	28.0	29.5
25	26.0	29.0	31.0	32.0	31.0	32.0	28.0	29.0	79.0	79.0	-	-	0.4	3.3	NE	NE	-	-	1.8	0.5	23.5	27.5
26	25.0	25.0	30.0	29.0	29.0	31.0	27.0	28.0	85.0	85.0	-	-	1.5	3.6	SE	SE	21.8	-	1.6	1.5	25.0	28.0
27	23.0	24.0	29.0	27.0	27.5	30.0	26.0	28.0	88.0	85.0	-	-	2.0	1.1	NE	NE	-	-	2.0	2.0	24.5	30.5
28	24.0	24.0	28.0	30.0	28.5	32.5	27.0	29.0	89.0	83.0	-	-	0.6	1.1	NE	NE	-	-	2.0	1.5	25.5	32.5
29	26.5	27.5	30.0	32.0	30.0	34.0	28.0	30.0	85.0	74.0	2.0	-	0.5	3.0	NE	NE	-	-	3.0	1.5	25.5	31.0
30	26.0	26.0	33.0	31.0	30.0	33.0	28.0	29.5	85.0	77.0	2.0	-	0.5	3.0	NE	NE	-	-	3.0	1.5	25.5	31.0
31	26.0	26.0	31.0	29.0	29.0	29.0	26.5	26.5	82.0	82.0	2.0	-	2.6	-	SE	SE	-	-	3.0	3.0	24.0	24.0
Total	745.5	761.5	869.5	873.0	866.5	946.5	804.5	857.5	2595.0	2472.0	44.0	46.0	64.9	133.5			74.8	57.8	47.3	39.3	749.5	868.5
Average	24.0	24.6	28.0	28.2	28.0	30.5	26.0	27.7	83.7	79.7	1.4	1.5	2.1	4.3			2.4	1.9			24.2	28.0
	24.3	28.1	29.2	26.8	29.2	30.5	26.8	26.8	81.7	81.7	1.5	3.2	3.2	3.2			2.1		86.6		26.1	

Station Code : EMP00J1
Local River/Basin : Seonath

Twice Daily Climatic Data

Station Name : Singa
Sub-Division : UMDS, CWC, Raipur

SEP 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	27.0	27.0	28.0	31.0	30.0	30.0	27.0	28.0	78.0	85.0	-	-	0.3	1.7	SE	SE	-	17.4	1.0	2.0	25.5	27.0
2	24.0	24.0	27.0	27.0	28.0	29.0	26.0	27.0	85.0	85.0	2.0	2.0	1.1	3.9	SW	SW	-	-	2.0	2.4	24.5	27.5
3	23.5	24.0	26.0	27.5	27.5	29.0	26.0	27.0	88.0	85.0	2.0	2.0	2.6	4.0	SW	SW	2.2	-	0.2	1.0	24.0	27.5
4	24.0	24.0	26.0	26.0	27.0	29.0	26.0	27.0	84.0	85.0	2.0	-	2.3	3.2	SW	SW	1.4	-	1.2	1.5	24.0	27.0
5	23.0	24.0	26.0	29.0	27.5	31.5	25.5	28.0	84.0	76.0	2.0	2.0	2.2	3.8	SW	SW	-	-	1.5	2.0	24.5	30.0
6	24.0	24.0	29.0	30.0	28.0	32.5	25.5	28.0	81.0	65.0	2.0	2.0	3.7	4.0	SW	SW	-	-	2.0	2.0	23.5	30.0
7	24.0	24.0	27.0	29.0	29.0	32.5	26.0	28.0	78.0	65.0	2.0	2.0	3.1	4.1	SW	SW	-	-	2.0	2.0	23.5	31.0
8	24.0	25.0	27.0	28.0	28.0	30.0	26.0	28.0	85.0	85.0	-	-	2.5	3.2	SW	SE	-	20.2	2.0	2.0	24.0	27.0
9	25.0	25.0	26.0	28.0	29.0	29.0	27.0	27.0	85.0	85.0	-	-	1.1	2.3	SE	SE	-	-	2.0	2.2	25.0	27.0
10	24.0	24.0	27.5	29.0	28.0	31.0	26.0	27.0	85.0	86.0	-	-	0.5	2.2	SE	SW	0.6	3.0	-	1.0	25.0	27.5
11	25.0	25.0	28.0	28.0	29.0	30.0	27.5	27.5	85.0	96.0	-	-	4.5	2.1	SE	NE	0.8	1.6	-	2.0	26.0	28.0
12	24.0	29.0	26.0	29.0	28.0	29.0	26.0	26.0	85.0	78.0	-	-	0.4	0.6	NE	NE	4.4	-	0.5	2.0	26.5	27.0
13	24.0	24.0	28.0	29.0	28.0	31.0	26.0	28.0	85.0	79.0	-	-	0.4	3.6	NE	SE	3.6	1.6	2.0	2.0	24.5	28.0
14	24.0	25.0	28.0	30.0	28.0	30.0	26.0	27.0	85.0	78.0	2.0	2.0	1.8	4.6	SE	SE	5.8	-	1.8	0.6	23.5	29.0
15	24.0	24.0	30.0	30.0	28.0	32.0	26.0	28.0	85.0	79.0	2.0	2.0	2.2	4.5	SE	NE	-	-	2.0	2.0	23.5	30.5
16	25.0	26.0	30.0	35.0	29.0	32.0	26.5	29.0	81.0	79.0	2.0	2.0	2.5	2.9	NE	NE	-	-	2.0	3.0	24.5	30.0
17	26.0	26.0	30.0	31.0	30.0	31.0	28.0	28.0	85.0	86.0	2.0	2.0	0.5	2.5	NE	NE	-	-	2.0	2.2	25.0	28.0
18	24.0	25.0	31.0	31.0	28.5	33.5	27.0	29.0	89.0	71.0	-	-	0.3	1.3	SE	SE	-	-	1.0	3.0	24.0	31.5
19	25.0	25.0	29.0	31.0	29.0	34.0	26.5	30.0	81.0	74.0	2.0	-	0.6	1.9	NE	SE	8.8	2.2	0.8	3.0	23.5	31.5
20	23.0	25.0	30.0	31.0	28.5	31.0	26.5	29.0	85.0	86.0	-	-	0.6	1.5	SE	SE	16.4	-	1.4	-	23.5	28.0
21	24.0	25.0	29.0	30.0	29.0	32.0	27.0	30.0	85.0	86.0	-	-	2.2	2.9	SW	SW	0.4	-	1.0	2.0	23.0	30.5
22	23.5	24.0	29.0	29.5	28.0	31.0	26.0	28.0	85.0	86.0	2.0	2.0	2.5	5.1	NE	NE	-	-	2.5	3.0	23.5	31.0
23	24.5	25.0	29.0	29.5	28.5	32.0	26.5	28.0	85.0	73.0	2.0	2.0	3.5	2.6	NE	SE	-	-	2.0	2.5	23.5	32.0
24	24.5	25.0	28.0	29.0	28.5	31.0	26.0	28.0	82.0	79.0	2.0	2.0	4.2	4.6	NE	NE	-	-	3.2	2.0	2.0	31.5
25	26.0	26.0	27.0	27.0	30.0	31.0	27.0	28.0	78.0	79.0	2.0	2.0	1.2	3.8	SE	NE	4.8	19.6	1.0	2.0	24.0	28.5
26	24.0	24.0	25.0	26.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	1.9	2.1	NE	NE	17.4	2.0	2.0	1.6	22.5	24.5
27	23.0	23.0	25.0	26.0	27.0	28.0	25.0	26.0	84.0	85.0	-	-	1.6	1.6	NE	SE	18.6	-	1.2	-	21.5	24.5
28	23.0	23.0	25.0	25.0	27.0	29.0	25.5	27.0	88.0	85.0	-	-	0.5	1.8	NE	NE	1.6	27.0	0.6	-	22.5	26.0
29	23.0	24.0	25.0	26.0	27.0	27.0	26.0	26.0	92.0	84.0	2.0	2.0	1.7	2.1	SE	SE	18.4	14.2	2.0	1.0	22.5	27.0
30	22.5	25.0	25.0	26.5	26.5	26.5	25.5	25.5	92.0	92.0	2.0	-	1.8	-	NE	-	0.6	-	-	-	22.5	-
Total	724.5	744.0	826.5	868.5	919.0	787.5	834.5	847.5	2535.0	2423.0	34.0	28.0	53.9	85.7	-	-	105.8	141.2	42.7	53.5	716.5	858.5
Average	24.2	24.8	27.6	29.0	28.3	30.6	26.3	27.8	84.5	80.8	1.1	0.9	1.8	2.9	-	-	3.5	4.7	-	-	23.9	28.6
	24.5		28.3		29.4		27.0		82.6		1.0		2.3				4.1		96.2		26.3	

Twice Daily Climatic Data

Station Code : EMP00J1
Local River/Basin : Seonath

Station Name : Simga
Sub-Division : UMSD,CWC,Raipur

OCT 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	23.0	23.0	25.0	27.0	27.0	28.5	27.0	28.0	84.0	85.0	2.0	2.0	1.8	1.8	NE	NE	2.6	-	1.5	2.0	22.0	30.0
1	23.0	23.0	25.0	27.0	27.0	28.5	27.0	28.0	84.0	85.0	2.0	2.0	1.8	1.8	NE	NE	2.6	-	1.5	2.0	22.0	30.0
2	24.0	24.0	26.0	28.0	28.0	31.0	26.0	28.0	85.0	79.0	2.0	2.0	1.9	3.5	SE	SE	-	-	1.0	2.0	23.5	28.0
3	24.0	25.0	29.0	29.0	28.5	31.5	26.5	29.0	85.0	82.0	-	-	0.3	1.4	SE	SE	-	-	1.5	2.0	25.0	29.0
4	25.0	28.5	30.0	30.0	28.5	32.0	26.5	30.0	85.0	86.0	-	-	0.3	3.6	SE	SW	-	-	2.0	2.0	23.5	27.0
5	26.0	26.0	31.0	31.0	29.5	33.0	27.0	29.0	82.0	74.0	2.0	2.0	3.8	1.5	SW	NE	-	-	2.0	1.5	24.5	30.0
6	25.0	27.0	29.0	31.0	29.0	32.0	27.0	28.0	85.0	73.0	2.0	2.0	1.8	1.1	SE	SW	-	-	2.0	2.0	23.0	29.0
7	25.0	25.0	30.0	30.0	29.0	29.0	27.0	27.0	85.0	85.0	2.0	2.0	0.5	3.0	NE	SE	4.0	-	2.0	2.0	23.0	24.5
8	23.0	23.0	27.0	27.0	27.0	29.0	25.5	26.5	88.0	81.0	-	2.0	0.2	1.0	SE	NE	1.6	-	-	1.5	21.5	27.0
9	24.0	23.0	27.0	28.0	28.0	30.5	26.0	27.5	85.0	78.0	2.0	-	1.2	2.6	SE	SE	0.4	-	0.5	2.0	22.0	27.5
10	23.0	24.0	28.0	30.0	27.5	31.5	27.0	28.0	96.0	76.0	2.0	-	3.6	2.1	SW	SE	-	-	1.5	2.0	21.5	29.0
11	23.5	24.0	29.0	30.0	27.5	30.5	25.5	28.0	84.0	82.0	-	-	0.1	2.0	SE	SE	-	-	2.0	2.0	22.0	29.0
12	23.0	24.0	29.0	30.0	28.0	30.0	24.0	28.0	70.0	85.0	-	-	0.7	0.9	SE	NE	-	-	2.0	2.0	23.0	29.0
13	23.0	23.0	29.0	30.0	27.0	31.0	23.0	25.0	70.0	61.0	2.0	-	0.4	1.9	SE	SE	-	-	1.5	2.0	20.0	27.0
14	23.0	23.0	29.0	29.0	26.0	30.0	23.0	24.5	76.0	62.0	2.0	-	0.1	1.3	NE	SE	-	-	1.5	2.0	19.5	27.0
15	22.5	23.0	29.0	29.0	26.0	31.0	23.0	25.0	76.0	61.0	2.0	2.0	0.3	1.8	NE	SE	-	-	1.5	2.0	18.0	27.0
16	22.0	22.5	29.0	26.0	26.0	30.0	23.0	25.0	76.0	65.0	2.0	-	0.3	2.1	NE	NE	-	-	1.0	2.0	20.0	26.5
17	22.0	22.0	28.0	26.0	26.0	30.0	23.0	25.0	76.0	65.0	2.0	-	0.2	2.2	NE	NE	-	-	1.5	2.0	18.5	27.0
18	22.0	22.0	28.0	28.0	25.0	30.0	22.5	25.0	80.0	65.0	2.0	-	0.3	1.7	NE	NE	-	-	1.5	2.0	18.5	27.0
19	22.0	22.0	28.0	28.0	26.0	30.0	22.5	25.0	80.0	65.0	-	-	1.1	1.5	NE	NE	-	-	1.5	2.0	19.0	27.0
20	20.0	20.5	28.0	27.0	24.5	29.5	24.5	29.0	96.0	96.0	-	-	0.3	1.4	SE	SE	-	-	1.5	2.0	18.0	27.0
21	21.0	21.0	27.0	27.0	25.0	29.5	25.0	29.5	96.0	96.0	2.0	-	0.2	2.6	NE	SE	-	-	1.5	2.0	17.5	25.5
22	21.0	21.0	27.0	27.0	25.0	31.0	25.0	29.0	86.0	86.0	-	2.0	0.1	1.0	SE	SW	-	-	1.0	1.5	17.5	29.0
23	22.0	22.0	27.0	27.0	25.0	30.0	22.0	25.0	80.0	65.0	2.0	2.0	0.7	2.2	SW	NE	-	-	1.0	1.5	18.5	25.5
24	21.0	21.0	28.0	27.0	25.0	29.0	22.0	25.0	80.0	64.0	-	2.0	0.5	1.0	SE	NE	-	-	1.0	1.0	19.0	27.0
25	21.0	22.0	26.0	27.0	25.0	30.0	22.0	25.0	80.0	65.0	2.0	2.0	0.7	1.1	NE	NE	-	-	1.0	1.5	17.5	28.0
26	21.0	22.0	27.0	27.0	25.0	30.0	22.0	25.0	80.0	65.0	2.0	-	0.7	3.8	NE	NE	-	-	1.0	1.5	17.5	28.0
27	20.0	21.0	27.5	25.0	24.5	30.0	21.0	27.0	72.0	78.0	2.0	-	1.0	1.3	SE	SW	-	-	1.0	1.5	18.5	29.0
28	19.0	20.0	26.0	25.0	23.0	28.0	20.5	24.0	79.0	70.0	2.0	2.0	1.9	2.6	NE	SW	-	-	1.0	1.5	14.0	27.0
29	20.5	20.5	25.5	26.5	24.5	28.5	21.5	25.5	75.0	74.0	2.0	2.0	1.0	3.4	NE	NE	-	-	1.0	1.5	16.0	27.0
30	20.5	20.5	26.5	26.5	24.5	28.5	22.0	24.5	80.0	70.0	2.0	2.0	0.6	2.8	NE	NE	-	-	1.0	2.0	18.0	27.0
31	20.0	20.0	26.0	26.0	23.0	29.0	21.0	21.0	83.0	83.0	-	-	0.9	0.9	NE	NE	-	-	1.0	1.0	18.0	-
Total	692.0	708.5	861.5	866.5	813.5	934.5	741.5	826.0	2545.0	2320.0	42.0	32.0	27.3	62.1			4.6	4.0	41.0	55.5	622.0	855.5
Average	22.3	22.9	27.8	28.0	26.2	30.1	23.9	26.6	82.1	74.8	1.4	1.0	0.9	2.0			0.1	0.1	20.1	20.1	27.6	27.6
	22.6	22.6	27.9	27.9	28.2	28.2	25.3	25.3	78.5	78.5	1.2	1.2	1.4	1.4			0.1	0.1	96.5	96.5	23.8	23.8

* : One or more data missing tDoPM : Last day of previous month

Station Code : EMP00J1
Local River/Basin : Seonath

Station Name : Simga
Sub-Division : UMSD,CWC,Raipur

Twice Daily Climatic Data

NOV 2016

Day LPoPM	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	20.0	20.0	26.0	25.0	23.0	28.0	21.0	24.0	83.0	70.0	2.0	2.0	1.3	2.2	NE	NE	-	-	1.0	1.0	18.0	26.0
2	20.0	20.0	25.0	24.0	22.0	27.0	20.0	23.5	82.0	73.0	2.0	2.0	0.4	2.5	NE	NE	-	-	1.5	1.0	18.0	26.0
3	20.0	20.0	25.0	24.0	22.0	27.0	20.0	21.0	82.0	91.0	-	-	1.5	3.5	NE	NE	-	-	1.5	1.0	18.0	26.0
4	19.0	20.0	25.0	24.0	23.0	27.0	20.0	21.0	75.0	91.0	-	-	1.1	4.0	SW	SW	-	-	1.5	1.0	19.0	26.0
5	20.0	20.0	26.0	23.0	23.0	27.0	20.0	21.5	75.0	91.0	-	-	0.5	3.0	SW	SW	-	-	1.5	1.0	18.0	26.0
6	20.0	19.0	26.0	22.0	24.0	27.0	22.0	22.0	83.0	95.0	-	-	0.8	1.9	SW	SW	-	-	1.5	1.0	17.0	25.0
7	17.0	19.0	25.0	22.0	22.0	27.0	19.0	22.0	74.0	95.0	-	-	1.2	1.2	NE	NE	-	-	1.5	1.0	17.0	25.0
8	18.0	19.0	24.0	22.0	21.0	27.0	19.0	22.0	74.0	95.0	-	-	1.4	1.2	NE	SW	-	-	1.0	1.0	17.0	25.0
9	17.0	16.0	25.0	23.0	21.0	28.0	21.0	17.0	95.0	90.0	2.0	2.0	0.8	1.9	SW	SW	-	-	1.5	1.0	15.0	24.0
10	17.0	16.0	23.0	23.0	23.0	20.0	18.0	20.0	59.0	95.0	-	-	0.1	0.9	SW	SW	-	-	1.0	1.0	15.0	24.0
11	18.0	16.0	24.0	22.0	20.0	24.0	18.0	20.0	81.0	68.0	-	-	0.7	4.3	SW	SW	-	-	1.0	2.0	18.0	24.0
12	16.0	16.0	22.0	22.0	20.0	22.0	18.0	20.0	81.0	82.0	-	-	-	0.7	SW	SW	-	-	1.0	1.5	14.0	23.0
13	16.0	16.0	22.0	22.0	20.0	22.0	18.0	20.0	81.0	82.0	-	-	1.3	0.3	SW	SW	-	-	1.0	1.0	15.0	23.0
14	16.0	16.0	22.0	22.0	20.0	22.0	18.0	20.0	81.0	82.0	-	-	1.1	1.2	SW	SW	-	-	1.0	1.0	16.0	22.0
15	16.0	15.0	23.0	23.0	22.0	16.0	19.0	16.0	95.0	2.0	-	-	0.6	3.6	SW	SW	-	-	1.0	1.0	15.0	22.0
16	16.0	15.0	23.0	22.0	20.0	17.0	18.0	16.0	81.0	90.0	2.0	2.0	0.7	4.2	SW	SW	-	-	1.0	1.5	15.0	23.0
17	16.0	15.0	22.0	22.0	19.5	17.0	16.5	16.0	73.0	90.0	2.0	2.0	0.3	1.3	SW	SW	-	-	1.0	1.5	15.0	22.0
18	16.0	15.0	21.0	22.0	19.5	17.0	18.0	16.0	86.0	90.0	-	-	1.5	1.9	SW	SW	-	-	1.0	1.0	15.0	20.0
19	16.0	15.0	21.0	22.0	19.0	17.0	18.5	16.0	95.0	95.0	-	-	1.6	3.5	SW	SW	-	-	0.5	0.5	15.0	20.0
20	16.0	15.0	21.0	22.0	19.0	16.0	19.0	16.0	95.0	95.0	-	-	0.1	1.0	SW	NE	-	-	0.5	0.5	15.0	20.0
21	16.0	15.0	21.0	22.0	19.0	15.5	19.0	15.0	95.0	94.0	-	-	-	1.1	NE	NE	-	-	0.5	0.5	15.0	20.0
22	16.0	15.0	21.0	22.0	19.0	16.0	19.0	16.0	95.0	95.0	-	-	0.1	1.3	NE	NE	-	-	0.5	1.0	15.0	20.0
23	15.0	15.0	22.0	21.0	19.0	21.0	16.0	15.0	73.0	49.0	-	-	0.6	1.8	NE	NE	-	-	0.5	1.0	15.0	20.0
24	15.0	15.0	21.0	21.0	19.0	24.0	17.0	22.0	72.0	74.0	-	-	0.2	1.1	NE	NE	-	-	0.5	1.0	15.0	20.0
25	15.0	15.0	21.0	21.0	19.0	24.0	17.0	19.0	72.0	60.0	-	-	0.7	1.9	SW	SW	-	-	0.5	0.5	15.0	20.0
26	15.0	15.0	22.0	21.0	19.5	24.0	17.0	18.5	77.0	57.0	-	-	0.2	1.3	SW	SW	-	-	0.5	0.5	15.0	20.0
27	16.0	16.0	22.0	22.0	19.5	24.0	17.0	18.0	77.0	53.0	-	-	1.2	1.0	SW	SW	-	-	0.5	0.5	15.0	20.0
28	16.0	16.0	21.0	22.0	19.5	24.5	18.5	19.0	90.0	58.0	-	-	0.7	0.9	SW	SW	-	-	0.5	0.5	15.0	20.0
29	16.0	16.0	22.0	22.0	20.0	23.5	18.5	19.0	86.0	64.0	-	-	0.1	2.2	SW	SW	-	-	0.5	0.5	15.0	20.0
30	16.0	16.0	22.0	22.0	20.0	23.5	18.5	19.0	86.0	64.0	-	-	0.1	2.2	SW	SW	-	-	0.5	0.5	15.0	20.0
Total	506.0	501.0	686.0	672.0	614.5	639.5	557.0	575.5	2437.0	2426.0	12.0	4.0	21.3	59.0			0.0	0.0	27.5	29.5	475.0	679.0
Average	16.9	16.7	22.9	22.4	20.5	21.3	18.6	19.2	81.2	80.9	0.4	0.1	0.7	2.0			0.0	0.0			15.8	22.6
	16.8		22.6		20.9		18.9		81.1		0.3		1.3				0.0		57.0		19.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : Simga
Sub-Division : UMDS, CWC, Raipur

Station Code : EMP00J1
Local River/Basin : Seonath

DEC 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	16.0		22.0	22.0	19.0	23.0	17.0	19.0	72.0	67.0	-	-	2.8	1.1	NE	NE	-	-	0.5	0.5	15.0	13.0
1	14.0	16.0	22.0	18.0	19.0	23.0	17.0	19.0	72.0	67.0	-	-	0.7	3.4	NE	NE	-	-	0.5	0.5	15.0	13.0
2	15.0	16.0	22.0	18.0	20.0	23.0	19.0	19.0	91.0	67.0	-	-	2.0	2.2	NE	NE	-	-	0.5	0.5	15.0	13.0
3	15.0	16.0	22.0	18.0	20.0	23.0	19.0	19.0	91.0	67.0	-	-	1.0	1.4	NE	NE	-	-	0.5	0.5	15.0	13.0
4	14.0	15.0	21.0	18.0	20.0	23.0	19.0	19.0	91.0	67.0	-	-	0.4	2.8	NE	NE	-	-	0.5	1.0	14.0	12.0
5	15.0	15.0	22.0	20.0	20.0	23.0	18.0	20.0	81.0	75.0	-	-	0.6	2.8	SW	SW	-	-	0.5	0.5	16.0	19.0
6	15.0	15.0	22.0	22.0	19.0	24.0	17.0	20.0	72.0	68.0	2.0	-	0.5	2.5	SW	SW	-	-	0.5	0.5	12.0	19.0
7	15.0	14.0	21.0	21.0	19.0	23.0	17.0	19.0	72.0	67.0	-	-	0.2	1.9	SW	SW	-	-	0.5	0.5	12.0	18.0
8	15.0	14.0	21.0	21.0	19.0	23.0	18.0	19.0	90.0	67.0	-	-	0.2	2.2	SW	NE	-	-	0.5	0.5	12.0	18.0
9	14.0	14.0	20.0	20.0	18.5	22.5	17.0	19.0	86.0	71.0	-	-	0.7	2.4	NE	NE	-	-	0.5	0.5	12.0	17.0
10	14.0	14.0	19.0	18.5	18.0	22.5	16.0	19.5	80.0	95.0	-	-	0.3	3.5	NE	NE	-	-	0.5	0.5	12.0	15.0
11	14.0	14.0	19.0	18.0	18.5	22.5	16.0	19.5	80.0	75.0	-	-	1.0	3.8	NE	NE	-	-	0.5	0.5	12.0	18.0
12	14.0	14.0	22.0	21.0	19.0	24.0	17.0	19.0	72.0	60.0	-	-	0.4	2.7	NE	NE	-	-	-	0.5	11.0	18.0
13	14.0	14.0	22.0	21.0	19.0	24.0	17.0	19.0	72.0	60.0	-	-	2.1	4.2	NE	N	-	-	0.5	0.5	11.0	17.0
14	14.0	14.0	23.0	21.0	19.0	23.0	17.0	19.0	72.0	60.0	-	-	0.6	2.8	NE	NE	-	-	0.5	0.5	10.0	18.0
15	14.0	14.0	22.0	21.0	19.0	24.0	17.0	18.0	72.0	53.0	-	-	0.3	2.8	SE	SE	-	-	0.5	0.5	9.0	17.0
16	14.0	13.0	20.0	20.0	19.0	23.0	16.0	19.0	72.0	67.0	-	-	0.2	2.2	NE	NE	-	-	-	0.5	9.0	16.0
17	13.0	13.0	19.0	18.5	17.0	21.0	15.0	17.0	80.0	65.0	-	-	0.4	2.6	SW	SW	-	-	0.5	-	9.0	15.0
18	13.0	13.0	16.5	18.0	16.0	20.5	14.0	16.5	59.0	65.0	-	-	0.2	1.9	SW	SW	-	-	0.5	0.5	9.0	15.0
19	12.0	12.5	16.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.0	2.4	SW	NE	-	-	0.5	0.5	9.0	15.0
20	12.0	12.5	16.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.1	1.5	NE	NE	-	-	0.5	0.5	10.0	15.0
21	12.0	12.5	16.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.8	1.3	SW	NE	-	-	0.5	0.5	10.0	14.0
22	12.0	12.5	16.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	1.2	0.9	SW	NE	-	-	0.5	0.5	10.0	14.0
23	12.0	12.5	16.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.3	0.3	SW	SW	-	-	0.5	0.5	10.0	14.0
24	12.0	12.0	18.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.3	2.5	SW	SW	-	-	0.5	0.5	10.0	14.0
25	12.0	12.0	18.0	18.0	16.0	20.0	14.0	17.0	59.0	73.0	-	-	0.2	2.3	NE	NE	-	-	0.5	0.5	10.0	13.0
26	12.0	12.0	17.0	17.0	16.0	20.0	15.0	17.0	89.0	73.0	-	-	0.8	2.3	NE	NE	-	-	0.5	-	11.0	13.0
27	12.0	12.0	17.0	17.0	16.0	20.0	15.0	17.0	89.0	73.0	-	-	0.4	1.5	NE	NE	-	-	0.5	0.5	10.0	12.0
28	12.0	12.0	17.0	17.0	16.0	20.0	15.0	17.0	89.0	73.0	-	-	0.1	1.5	NE	NE	-	-	0.5	0.5	9.0	14.0
29	12.0	12.0	17.0	17.0	16.0	21.0	15.0	17.0	89.0	65.0	-	-	0.2	-	NE	NE	-	-	0.5	0.5	9.0	14.0
30	12.0	12.0	18.0	18.0	16.0	21.0	15.0	17.0	80.0	-	-	-	0.2	-	NE	NE	-	-	0.5	-	9.0	14.0
31	12.0	19.0	19.0	-	17.0	-	15.0	-	80.0	-	-	-	0.2	-	-	-	-	-	0.5	-	9.0	-
Total	413.5	419.5	601.5	589.0	549.5	672.0	495.0	560.0	2371.0	2129.0	2.0	4.0	19.0	67.6	-	-	0.0	0.0	14.5	15.0	347.0	476.0
Average	13.3	13.5	19.4	19.0	17.7	21.7	16.0	18.1	76.5	68.7	0.1	0.1	0.6	2.2	-	-	0.0	0.0	29.5	-	11.2	15.4
	13.4		19.2		19.7		17.0		72.6		0.1		1.4				0.0				13.3	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMP00J1

Local River/Basin : Seonath

Twice Daily Climatic DataStation Name : Simga
Sub-Division : UMSD,CWC,Raipur

JAN 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		12.0		16.0		20.0		16.0		73.0		-		1.0		NE		-		0.5		14.0
1	12.0	12.0	19.0	18.0	17.0	20.0	15.0	16.0	80.0	64.0	-	-	0.9	1.4	NE	NE	-	-	0.5	0.5	9.0	14.0
2	13.0	13.0	19.0	20.0	19.0	27.0	17.0	21.0	81.0	70.0	-	-	0.8	2.3	NE	NE	-	-	0.5	0.5	10.0	17.0
3	13.0	15.0	20.0	20.0	20.0	22.0	14.0	20.0	48.0	82.0	-	-	1.3	3.5	NE	SW	-	-	0.5	0.5	10.0	17.0
4	14.0	14.0	20.0	19.0	18.0	21.0	17.0	18.5	90.0	78.0	-	-	0.7	1.7	SW	SW	-	-	1.0	0.5	12.0	18.5
5	13.0	13.5	19.0	19.0	17.5	21.0	15.0	17.0	76.0	65.0	-	-	0.8	0.9	SW	SW	-	-	0.5	0.5	12.0	18.0
6	13.0	13.0	19.0	19.0	17.0	20.5	15.0	17.0	80.0	69.0	-	-	0.8	0.9	SW	SW	-	-	0.5	-	12.0	17.0
7	13.0	13.0	19.0	19.0	17.0	22.0	15.0	18.0	80.0	66.0	-	-	0.3	2.3	SW	SW	-	-	0.5	0.5	12.0	17.0
8	13.0	13.0	19.0	19.0	18.0	22.0	16.0	18.0	80.0	66.0	-	-	0.7	0.7	SW	SW	-	-	0.5	0.5	11.5	18.0
9	13.0	14.0	19.0	19.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	0.6	2.2	SW	SE	-	-	0.5	0.5	13.0	18.0
10	16.0	15.0	20.0	19.0	20.0	22.0	19.0	20.0	91.0	82.0	-	-	0.3	3.0	SE	SE	4.6	-	3.6	0.5	14.0	17.0
11	13.0	13.5	19.0	18.5	18.0	19.0	17.0	18.0	90.0	90.0	-	-	1.4	3.8	SE	SE	-	-	0.5	0.5	9.0	17.0
12	12.0	12.0	18.5	17.0	15.5	18.0	14.0	16.0	95.0	80.0	-	-	0.8	3.6	SE	SE	-	-	-	0.5	9.0	16.0
13	11.0	11.0	18.0	16.0	15.0	19.0	13.0	16.0	78.0	72.0	-	-	0.4	2.8	SW	SE	-	-	-	0.5	8.0	14.0
14	11.0	11.0	16.0	16.0	14.5	19.5	13.0	19.0	84.0	95.0	-	-	0.5	3.0	SW	SE	-	-	0.5	0.5	9.0	12.0
15	11.0	11.0	15.0	16.0	15.0	20.0	15.0	20.0	94.0	95.0	-	-	0.2	2.5	SW	SE	-	-	-	0.5	9.0	12.0
16	12.0	11.0	17.0	16.0	16.0	20.0	16.0	20.0	95.0	95.0	-	-	0.1	1.0	NE	NE	-	-	0.5	0.5	10.0	12.0
17	12.0	11.0	17.0	16.0	16.0	20.0	17.0	20.0	89.0	95.0	-	-	0.7	1.1	NE	NE	-	-	0.5	0.5	10.0	12.0
18	12.0	11.0	19.0	16.0	19.0	20.0	19.0	20.0	95.0	95.0	-	-	0.7	2.4	NE	NE	-	-	-	0.5	11.0	12.0
19	13.0	12.0	21.0	17.0	19.0	20.0	17.0	21.0	81.0	91.0	-	-	0.6	2.4	NE	NE	-	-	1.0	1.0	12.0	13.0
20	14.0	15.0	21.0	19.0	20.0	20.0	18.0	21.0	81.0	91.0	-	-	0.6	1.3	NE	NE	-	-	1.0	1.0	13.0	14.0
21	15.0	15.0	21.0	21.0	19.0	24.0	19.0	24.0	95.0	96.0	-	-	2.1	3.7	NE	NE	-	-	0.5	1.0	13.0	15.0
22	16.0	16.0	21.0	21.0	20.0	24.0	20.0	24.0	95.0	96.0	-	-	0.5	3.6	NE	NE	-	-	1.0	1.0	13.0	16.0
23	16.0	16.0	21.0	21.0	18.0	24.0	18.0	20.0	95.0	68.0	-	-	0.4	4.3	NE	NE	-	-	1.0	1.0	14.0	17.0
24	15.0	16.0	21.0	21.0	20.0	24.0	17.0	22.0	73.0	83.0	-	-	0.6	2.6	NE	NE	-	-	0.5	1.0	13.0	17.0
25	15.0	16.0	22.0	21.0	20.0	24.0	17.0	22.0	73.0	83.0	-	-	1.7	3.5	NW	NW	-	-	0.5	0.5	13.0	17.0
26	15.0	16.0	22.0	21.0	19.0	24.0	17.0	22.0	81.0	83.0	-	-	0.5	1.2	NW	NW	-	-	1.0	1.0	13.0	17.0
27	15.0	16.0	22.0	21.0	20.0	24.0	18.0	22.0	81.0	83.0	-	-	1.2	0.5	NW	NW	-	-	1.0	1.0	13.0	17.0
28	16.0	16.0	23.0	21.0	20.0	24.0	18.5	22.0	86.0	83.0	-	-	2.9	3.4	NW	NW	-	-	1.0	0.5	13.0	17.0
29	16.0	16.0	23.0	21.0	20.0	24.0	17.0	22.0	73.0	83.0	-	-	0.7	2.2	NE	NE	-	-	0.5	1.0	14.0	17.0
30	15.0	16.0	23.0	22.0	18.0	24.0	16.0	22.0	80.0	83.0	-	-	0.4	2.3	NE	NE	-	-	0.5	1.0	14.0	17.0
31	16.0	21.0	21.0	19.0	19.0	19.0	16.0	16.0	60.0	60.0	-	-	0.3	-	NE	NE	-	-	0.5	-	14.0	-
Total	424.0	425.0	614.5	585.5	562.5	675.0	512.5	613.5	2570.0	2529.0	-	-	24.1	71.1	-	-	4.6	0.0	20.6	20.0	362.5	486.5
Average	13.7	13.7	19.8	18.9	18.1	21.8	16.5	19.8	82.9	81.6	-	-	0.8	2.3	-	-	0.1	0.0	-	-	11.7	15.7
	13.7		19.4		20.0		18.2		82.2		0.0		1.5				0.1		40.6		13.7	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00J1
Local River/Basin : Seonath

FEB 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	16.0	16.0	22.0	22.0	22.0	22.0	22.0	22.0	83.0	83.0	-	-	2.5	2.5	SW	SW	-	-	0.5	0.5	15.0	17.0
1	16.0	15.0	22.0	22.0	19.5	24.0	18.0	22.0	90.0	83.0	-	-	0.3	1.3	SW	SW	-	-	0.5	0.5	15.0	17.0
2	16.0	15.0	22.0	22.0	24.0	24.0	18.0	22.0	53.0	83.0	-	-	1.0	3.2	SW	SW	-	-	1.0	1.0	15.0	17.0
3	16.0	16.0	23.0	22.0	20.0	25.0	18.0	22.0	81.0	76.0	-	-	0.6	0.8	NE	NE	-	-	1.0	1.0	16.0	19.0
4	16.0	16.0	23.0	22.0	20.0	25.0	18.0	22.0	81.0	76.0	-	-	0.8	1.9	NE	NE	-	-	2.0	2.0	16.0	19.0
5	16.0	16.0	23.0	22.0	19.5	24.5	18.0	22.0	90.0	83.0	-	-	0.4	3.1	SW	SW	-	-	2.0	2.0	17.0	20.0
6	16.0	16.0	23.0	22.0	20.0	25.0	18.0	22.0	81.0	76.0	-	-	0.3	1.7	SW	SW	-	-	1.0	1.0	17.0	20.0
7	16.0	16.0	23.0	22.0	20.0	25.0	18.0	22.0	81.0	76.0	-	-	1.3	2.7	SW	SW	-	-	2.0	2.0	18.0	20.5
8	16.0	17.0	24.0	24.0	20.5	26.0	18.0	21.0	81.0	55.0	-	-	0.0	2.4	SW	SW	-	-	2.0	2.0	18.0	20.0
9	16.0	17.0	24.0	24.0	21.0	26.5	18.0	21.5	73.0	55.0	-	-	0.9	3.9	SW	SW	-	-	2.0	2.0	18.5	20.0
10	18.0	17.0	24.0	24.0	22.0	26.5	18.5	22.0	66.0	69.0	-	-	0.7	0.7	SW	SW	-	-	2.0	2.0	18.0	22.0
11	18.0	18.0	24.0	24.0	22.0	27.0	19.0	22.0	74.0	63.0	-	-	0.3	2.4	SW	SW	-	-	1.0	1.0	19.0	20.0
12	18.0	18.0	25.0	25.0	22.0	22.0	19.0	19.0	74.0	74.0	-	-	0.7	3.4	SW	SW	-	-	0.5	1.0	18.0	20.0
13	16.0	15.0	20.0	21.0	19.0	21.0	17.0	17.0	81.0	65.0	-	-	0.6	3.2	SW	SW	-	-	1.0	2.0	18.0	21.0
14	17.0	16.0	22.0	24.0	21.0	26.0	19.0	23.0	82.0	75.0	-	-	0.9	3.5	SW	SW	-	-	2.0	2.0	19.0	22.0
15	17.0	18.0	24.0	25.0	21.0	27.0	19.0	22.0	82.0	63.0	-	-	0.3	3.0	SW	SW	-	-	2.0	2.0	19.0	22.0
16	18.0	18.0	24.0	25.0	22.0	27.0	18.0	22.0	81.0	63.0	-	-	0.4	0.9	SW	SW	-	-	1.0	1.0	19.0	21.0
17	18.0	18.0	24.0	25.0	22.0	27.0	18.0	22.0	74.0	63.0	-	-	1.2	1.0	SW	SW	-	-	1.0	2.0	20.0	21.0
18	18.0	18.0	24.0	25.0	22.0	27.0	19.0	22.0	74.0	63.0	-	-	1.5	2.8	SW	SW	-	-	2.0	2.0	20.0	21.0
19	18.0	18.0	24.0	25.0	22.0	27.0	19.0	22.0	82.0	64.0	-	-	1.0	3.3	SW	SW	-	-	2.0	2.0	20.0	21.0
20	18.0	19.0	24.0	26.0	22.0	28.0	20.0	23.0	73.0	52.0	-	-	0.3	5.8	SW	SW	-	-	2.0	2.0	20.0	22.0
21	19.0	19.0	25.0	27.0	24.0	29.0	21.0	23.0	73.0	59.0	-	-	0.7	2.1	SW	SW	-	-	1.0	2.0	20.0	22.0
22	19.0	19.0	25.0	27.0	24.0	29.0	21.0	23.0	73.0	59.0	-	-	1.2	3.3	SW	SW	-	-	2.0	2.0	20.0	22.0
23	19.0	19.0	25.0	27.0	24.0	30.0	21.5	24.0	73.0	53.0	-	-	1.9	3.1	SW	SW	-	-	2.0	2.0	21.0	23.0
24	20.0	20.0	25.5	28.0	24.0	30.0	18.0	24.0	81.0	78.0	-	-	0.6	4.1	SW	SW	-	-	2.0	2.0	20.0	23.0
25	18.0	18.0	27.0	26.0	22.0	29.0	18.0	26.0	74.0	78.0	-	-	0.5	0.4	SW	SW	-	-	2.0	2.0	20.0	23.0
26	18.5	18.5	26.0	26.0	22.0	29.0	19.0	26.0	74.0	78.0	-	-	0.8	3.7	SW	SW	-	-	2.0	2.0	20.5	23.0
27	19.0	19.0	26.0	27.0	23.0	30.0	19.0	23.0	67.0	53.0	-	-	0.4	0.4	SW	SW	-	-	2.0	2.0	20.0	20.0
28	20.0	20.0	28.0	28.0	23.0	30.0	19.0	23.0	67.0	53.0	-	-	20.6	72.9	-	-	0.0	0.0	43.5	46.0	516.0	560.0
Total	490.5	485.5	674.5	681.0	606.7	740.5	524.0	624.5	2135.0	1896.0	-	-	0.7	2.6	-	-	0.0	0.0	-	-	18.4	20.0
Average	17.5	17.3	24.1	24.3	21.7	26.4	18.7	22.3	76.3	67.7	-	-	1.7	-	-	-	0.0	0.0	89.5	-	19.2	-

Twice Daily Climatic Data

Station Code : EMP00J1
Local River/Basin : Seonath

Station Name : Simga
Sub-Division : UMSD,CWC,Raipur

MAR 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		19.0		27.0		30.0		24.0		53.0		-		3.9		SW		-		2.0		23.0
1	19.0	19.0	27.0	27.0	23.0	30.0	19.0	24.0	67.0	59.0	-	-	0.2	1.0	SW	SW	-	-	2.0	2.0	21.0	22.0
2	19.5	20.0	28.0	28.0	24.5	30.5	20.0	25.0	68.0	65.0	-	2.0	1.1	2.5	SW	SW	-	-	2.0	2.0	21.0	23.0
3	20.0	21.0	28.0	28.0	25.0	30.0	21.0	24.0	68.0	68.0	-	-	1.2	4.8	SW	SW	-	-	2.0	2.0	21.5	23.0
4	22.0	22.0	28.0	29.0	25.0	30.0	22.0	24.5	76.0	62.0	-	-	0.7	5.2	SW	NE	-	-	3.0	2.0	22.0	23.0
5	21.5	22.0	28.0	28.0	25.0	30.0	21.0	25.0	68.0	65.0	-	-	0.8	2.9	NE	NE	-	-	2.0	2.0	22.0	25.0
6	22.0	22.0	28.0	28.0	24.5	30.0	22.0	24.0	80.0	59.0	2.0	2.0	1.3	3.4	NE	NE	-	-	2.0	2.0	22.5	25.0
7	22.0	22.0	28.0	28.0	24.0	29.0	22.0	24.0	53.0	64.0	-	-	1.5	3.6	NE	SW	-	-	2.0	2.0	23.0	25.0
8	20.0	22.0	23.0	28.0	24.0	29.0	22.0	24.0	53.0	64.0	-	-	1.9	2.5	SW	SW	0.4	-	2.0	2.0	23.0	25.0
9	20.0	21.0	23.0	27.0	24.0	30.0	22.0	24.0	53.0	59.0	-	2.0	2.0	2.9	SW	SW	-	-	2.0	2.0	23.0	26.0
10	21.5	21.0	27.0	27.0	24.0	29.0	22.0	25.0	53.0	71.0	2.0	2.0	0.7	4.2	SW	SW	6.2	-	0.2	1.0	22.0	25.0
11	21.0	21.0	27.0	27.0	24.0	29.0	21.0	25.0	75.0	71.0	2.0	2.0	1.7	5.3	SW	SW	-	-	2.0	2.0	22.0	25.0
12	20.0	21.0	27.0	27.0	24.0	29.0	20.0	25.0	68.0	71.0	2.0	2.0	1.2	5.1	SW	SW	-	-	2.0	2.0	22.0	25.0
13	17.0	21.0	27.0	27.0	22.0	29.0	18.0	25.0	66.0	71.0	2.0	-	0.7	4.0	SW	SW	-	-	2.0	2.0	21.0	25.0
14	18.0	18.0	27.0	23.0	24.0	29.0	19.0	22.0	60.0	52.0	2.0	2.0	1.3	4.5	SW	SW	-	-	2.0	2.0	22.0	25.0
15	18.0	18.0	27.0	23.0	23.0	29.0	18.0	22.0	59.0	52.0	2.0	2.0	1.1	3.7	SW	SW	-	-	2.0	2.0	21.0	28.0
16	19.0	19.5	27.0	28.0	23.0	30.5	19.0	23.0	67.0	52.0	2.0	2.0	0.9	3.7	SW	SW	-	-	2.0	2.0	22.0	28.0
17	21.0	21.0	28.0	29.0	25.0	31.0	21.0	24.0	68.0	55.0	-	4.0	0.4	6.6	SW	SW	-	-	2.0	2.0	23.0	28.5
18	22.0	21.0	29.0	28.0	25.5	31.0	22.0	24.0	73.0	55.0	2.0	2.0	1.5	4.9	SW	SW	-	-	2.0	2.0	23.0	29.0
19	22.0	21.0	29.0	28.0	25.5	31.0	22.0	24.0	73.0	55.0	2.0	2.0	1.4	1.9	SW	SW	-	-	2.0	2.0	23.0	29.0
20	22.0	22.0	30.0	29.0	26.0	32.0	22.0	25.0	69.0	55.0	2.0	2.0	2.5	5.6	SW	SW	-	-	2.0	2.0	24.0	29.0
21	22.0	22.0	31.0	29.0	26.0	32.0	21.0	25.0	62.0	55.0	-	2.0	0.4	3.3	SW	SW	-	-	2.0	2.0	24.0	30.0
22	22.0	22.0	30.0	29.0	26.0	32.0	22.0	25.0	69.0	55.0	-	-	0.4	2.5	SW	SW	-	-	2.0	3.0	25.0	30.0
23	22.5	22.0	31.0	29.0	27.0	32.0	22.0	25.0	63.0	55.0	-	-	0.6	3.7	SW	SW	-	-	2.0	2.0	25.5	30.5
24	24.0	25.0	32.0	33.0	28.0	35.0	23.0	26.0	64.0	48.0	2.0	-	0.1	2.7	SW	SW	-	-	2.0	3.0	26.0	30.0
25	26.0	26.0	32.5	34.0	29.0	35.0	23.5	26.0	55.0	48.0	2.0	2.0	0.7	2.7	SW	SW	-	-	3.0	2.0	27.0	32.0
26	26.0	26.0	34.0	34.0	30.0	35.0	24.0	26.0	59.0	48.0	2.0	2.0	1.4	2.1	SW	SW	-	-	2.0	2.0	28.0	32.0
27	26.0	26.0	34.0	34.0	30.0	35.0	24.0	26.0	59.0	48.0	-	-	1.3	3.3	SW	SW	-	-	2.0	2.0	28.5	32.0
28	27.0	26.0	35.0	34.0	30.0	35.0	24.0	26.0	59.0	48.0	-	-	0.7	2.8	SW	SW	-	-	3.0	2.0	29.0	32.0
29	27.0	27.0	35.0	37.5	31.0	36.0	24.0	27.0	55.0	48.0	2.0	-	0.5	3.5	SW	SW	-	-	3.0	4.0	29.0	33.0
30	28.0	28.0	36.0	37.5	31.5	36.0	25.0	27.0	58.0	48.0	2.0	-	0.6	1.9	SW	SW	-	-	2.5	3.0	29.0	33.0
31	28.0		36.0		31.5		25.0		58.0		-	-	2.0		SW		-	-	3.0		29.0	
Total	686.0	684.5	912.5	905.0	805.0	971.0	672.5	765.5	1978.0	1779.0	32.0	34.0	32.6	110.7			6.6	0.0	65.7	66.0	744.0	851.0
Average	22.1	22.1	29.4	29.2	26.0	31.3	21.7	24.7	63.8	57.4	1.0	1.1	1.1	3.6			0.2	0.0			24.0	27.5
	22.1		29.3		28.6		23.2		60.6		1.1		2.3				0.1		131.7		25.7	

Twice Daily Climatic Data

Station Code : EMP00J1
Local River/Basin : Seonath

APRIL 2017

Day LPOPM	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	28.0	29.0	36.0	35.0	31.0	36.0	25.0	27.0	61.0	48.0	-	-	1.6	3.0	SW	SW	-	-	4.0	3.0	29.0	30.0
2	29.0	29.0	36.0	35.0	32.0	36.0	26.0	29.0	61.0	58.0	2.0	2.0	2.3	3.6	SW	SW	-	-	3.0	3.0	29.0	30.0
3	29.0	29.0	35.0	35.0	32.0	37.0	26.0	28.0	61.0	50.0	2.0	2.0	1.5	6.0	NE	NE	-	-	2.0	2.0	29.0	30.0
4	29.0	29.0	35.0	36.0	32.0	37.0	27.5	29.0	41.0	54.0	2.0	4.0	1.5	6.6	NE	NE	-	-	2.0	3.0	29.0	30.5
5	29.0	29.5	36.0	36.0	32.0	38.0	28.0	29.0	73.0	58.0	-	2.0	1.4	6.8	NE	NE	-	-	3.0	4.0	30.0	32.5
6	29.0	29.5	36.0	37.0	32.0	40.0	28.0	29.5	73.0	47.0	2.0	4.0	3.3	3.4	NE	NE	-	-	2.0	4.0	31.0	33.0
7	29.0	29.5	37.0	37.0	32.0	39.0	28.5	29.0	70.0	47.0	-	-	0.7	1.8	NE	NE	-	-	2.0	2.0	31.0	32.0
8	29.0	29.5	37.0	37.0	32.0	39.5	28.5	29.5	70.0	47.0	2.0	2.0	1.4	1.3	NE	NE	-	-	4.0	4.0	31.0	33.0
9	29.0	29.5	37.0	37.0	32.0	40.0	29.0	30.0	79.0	47.0	-	-	2.0	4.3	SW	SW	-	-	3.0	4.0	31.5	32.5
10	29.0	20.5	37.0	37.0	31.5	39.0	28.5	30.0	70.0	51.0	4.0	4.0	2.3	6.9	SW	SW	-	-	3.0	4.0	32.0	32.5
11	26.0	27.0	36.0	35.0	30.0	37.0	28.5	27.0	44.0	45.0	-	-	2.2	4.2	SW	SW	-	-	2.0	3.0	32.0	31.0
12	27.0	27.0	35.0	35.0	29.0	37.0	24.0	28.0	64.0	50.0	-	-	0.4	2.9	SW	SW	-	-	2.0	3.0	31.0	30.0
13	27.0	27.0	35.0	36.0	30.0	38.0	24.0	29.0	59.0	50.0	-	-	1.2	4.8	SW	SW	-	-	2.0	4.0	30.0	31.0
14	27.0	27.0	36.0	36.0	30.0	38.0	26.0	29.0	72.0	50.0	-	-	1.0	1.0	SW	SW	-	-	3.0	4.0	30.0	31.5
15	27.0	28.0	36.0	36.0	30.0	37.0	25.0	29.0	65.0	54.0	-	2.0	2.3	1.7	SW	SE	-	-	3.0	3.0	30.0	32.0
16	28.0	28.0	36.0	37.0	30.0	37.0	26.0	30.0	72.0	59.0	-	4.0	1.3	1.0	SW	SE	-	-	4.0	3.0	30.0	32.0
17	28.0	30.0	36.0	37.0	32.0	39.0	28.0	31.0	86.0	51.0	4.0	2.0	10.4	5.5	SW	SE	-	-	4.0	4.0	30.0	35.0
18	29.0	31.0	37.0	39.0	34.0	39.0	29.0	32.0	68.0	61.0	4.0	-	1.1	2.4	SE	SE	-	-	4.0	4.0	32.0	34.0
19	31.0	31.0	38.0	38.0	34.0	39.0	29.0	31.0	68.0	51.0	-	-	1.4	4.5	SE	SE	-	-	3.0	4.0	32.0	34.0
20	30.0	30.0	37.0	38.0	35.0	39.0	28.0	31.0	58.0	51.0	2.0	4.0	1.0	5.4	SW	SW	-	-	3.0	4.0	31.0	34.0
21	30.0	31.0	38.0	38.0	33.0	40.0	27.0	32.0	62.0	56.0	-	4.0	4.3	6.6	SW	SW	-	-	3.0	4.0	31.0	32.0
22	31.0	31.0	38.0	38.0	34.0	39.0	27.0	32.0	62.0	82.0	2.0	-	2.9	5.7	SW	SW	-	-	2.0	3.0	30.0	33.0
23	31.0	31.0	38.0	38.0	34.0	41.0	28.0	32.0	62.0	53.0	-	4.0	1.1	8.6	SW	SW	-	-	2.0	3.0	30.0	32.5
24	31.0	31.0	38.0	38.0	34.0	39.0	28.0	32.0	62.0	82.0	-	4.0	2.7	8.1	SW	SW	-	-	3.0	4.0	31.0	33.0
25	31.0	30.0	38.0	38.0	34.0	40.0	28.0	32.0	62.0	56.0	2.0	2.0	3.7	3.9	SW	SW	-	-	3.0	4.0	31.0	34.0
26	31.0	30.0	37.0	37.0	33.0	39.0	28.0	32.0	62.0	82.0	-	4.0	3.3	5.0	SW	SW	-	-	2.0	4.0	31.0	34.0
27	30.0	30.0	37.0	37.0	32.0	39.0	28.0	32.0	86.0	82.0	-	2.0	3.0	5.0	SW	SW	-	-	3.0	3.0	30.0	33.0
28	30.0	30.0	34.0	38.0	32.0	39.0	27.0	32.0	67.0	82.0	-	-	1.7	3.9	SW	SW	-	-	3.0	3.0	30.0	33.0
29	30.0	30.0	34.0	38.0	32.0	39.0	28.0	32.0	86.0	82.0	2.0	2.0	0.5	3.4	SW	SW	-	-	2.0	3.0	30.0	34.0
30	30.0	35.0	33.0	33.0	33.0	33.0	28.0	28.0	68.0	2.0	2.0	-	2.2	-	SW	SW	-	-	3.0	-	32.0	-
Total	875.0	872.0	1091.0	1106.0	963.5	1152.5	821.5	902.0	2006.0	1734.0	32.0	54.0	65.4	128.8	-	-	0.0	0.0	83.0	102.0	916.5	970.0
Average	29.2	29.1	36.4	36.9	32.1	38.4	27.4	30.1	66.9	57.8	1.1	1.8	2.2	4.3	-	-	0.0	0.0	-	-	30.6	32.3
	29.1		36.6		35.3	28.7			62.3		1.4		3.2				0.0		185.0		31.4	

Station Code : EMP00J1
Local River/Basin : Seonath

Twice Daily Climatic Data

Station Name : Simga
Sub-Division : UMSD,CWC,Raipur

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	28.0	27.0	34.0	38.0	33.0	38.0	28.0	32.0	68.0	82.0	2.0	2.0	1.8	7.3	NE	SW	-	-	3.0	3.0	30.0	34.0
2	27.0	27.0	35.0	38.0	31.0	38.0	27.0	31.0	73.0	59.0	2.0	2.0	1.8	5.4	NE	NE	-	-	3.0	3.0	31.0	32.0
3	27.0	27.0	35.0	37.0	31.0	38.0	27.0	32.0	73.0	64.0	2.0	2.0	1.2	3.0	NE	NE	-	-	4.0	3.0	30.0	32.0
4	28.0	27.0	34.0	35.0	32.0	40.0	28.0	33.0	73.0	61.0	2.0	2.0	1.8	3.9	NE	NE	-	-	3.0	3.0	31.0	33.0
5	31.0	27.0	38.0	36.0	30.0	39.0	26.0	33.0	72.0	66.0	2.0	2.0	1.1	3.7	NE	NE	-	-	3.0	3.0	31.0	33.0
6	31.0	27.0	38.0	36.0	32.0	39.0	30.0	33.0	86.0	66.0	2.0	2.0	2.7	4.8	NE	NE	-	-	3.0	3.0	32.0	34.0
7	27.0	27.0	36.0	37.0	32.0	49.0	28.0	33.0	73.0	32.0	2.0	2.0	3.2	5.6	NE	NE	-	-	3.0	3.0	32.0	34.0
8	27.0	27.0	37.0	38.0	35.0	39.0	31.0	35.0	75.0	76.0	2.0	2.0	4.6	7.0	NE	NE	-	-	3.0	3.0	32.0	33.0
9	27.0	27.0	37.0	38.0	33.0	37.0	29.0	34.0	74.0	81.0	2.0	2.0	0.7	2.6	SE	SE	-	-	3.0	3.0	30.0	33.0
10	29.0	27.0	31.0	36.0	33.0	37.0	30.0	33.0	80.0	70.0	2.0	2.0	1.4	4.8	NE	SE	-	-	3.0	2.0	30.0	33.0
11	28.0	27.0	35.0	35.0	33.0	38.0	30.0	33.0	80.0	70.0	2.0	2.0	2.0	3.3	NE	NE	-	-	3.0	3.0	30.4	34.0
12	28.0	28.0	35.0	35.0	33.0	38.0	30.0	33.0	80.0	71.0	4.0	2.0	1.7	5.9	NE	NE	-	-	3.0	2.0	31.0	32.0
13	30.0	31.0	37.0	33.0	35.0	42.0	32.0	37.0	81.0	72.0	2.0	6.0	1.3	4.2	NE	NE	-	-	3.0	2.0	31.0	34.0
14	32.0	32.0	37.0	42.0	35.0	43.0	32.0	37.0	81.0	78.0	2.0	4.0	3.1	6.9	NE	NE	-	-	3.0	3.0	32.0	34.0
15	34.0	34.0	39.0	40.0	36.0	43.0	32.0	39.0	75.0	63.0	-	6.0	1.9	5.9	NE	NE	-	-	4.0	3.0	32.0	34.0
16	34.0	34.0	40.0	40.0	37.0	44.0	32.0	37.0	70.0	63.0	6.0	8.0	2.6	7.4	SE	SE	-	-	4.0	3.0	33.0	36.0
17	34.0	34.0	42.0	42.0	38.0	44.0	32.0	34.0	45.0	50.0	6.0	4.0	2.1	5.0	SE	SE	-	-	4.0	3.0	33.0	36.0
18	34.0	34.0	42.0	42.0	37.0	43.0	33.0	37.0	75.0	67.0	6.0	4.0	3.1	3.6	NE	NE	-	-	4.0	3.0	33.0	35.0
19	34.0	34.0	42.0	41.0	37.0	43.0	33.0	36.0	75.0	63.0	2.0	4.0	1.6	2.1	NE	NE	-	-	4.0	4.0	32.0	36.0
20	34.0	34.0	42.0	41.0	36.0	43.0	31.0	36.0	69.0	63.0	2.0	4.0	0.6	5.7	SE	SE	-	-	4.0	3.0	33.0	37.0
21	33.0	34.0	41.0	41.0	36.0	43.0	31.0	36.0	70.0	72.0	4.0	2.0	1.8	5.3	SE	SE	-	-	4.0	4.0	33.0	36.0
22	34.0	34.0	42.0	41.0	38.0	43.0	33.0	37.0	70.0	72.0	4.0	2.0	1.3	6.9	SE	SE	-	-	4.0	4.0	33.0	36.0
23	35.0	34.0	42.0	41.0	37.0	43.0	32.0	37.0	75.0	72.0	4.0	8.0	1.3	6.9	SE	SE	-	-	3.0	4.0	34.0	36.0
24	34.0	34.0	41.0	41.0	38.0	44.0	33.0	37.0	70.0	63.0	6.0	3.0	1.3	3.7	NW	SW	-	-	4.0	6.0	33.0	37.0
25	34.0	35.0	40.0	41.0	37.0	44.0	32.0	35.0	75.0	54.0	2.0	4.0	1.1	4.2	NE	NE	-	-	4.0	5.0	33.0	37.0
26	33.0	37.0	40.0	42.0	36.0	45.0	33.0	37.0	81.0	59.0	2.0	5.0	1.7	5.1	SE	SE	-	-	3.0	6.0	32.0	35.0
27	32.0	36.0	40.0	42.0	35.0	42.0	34.0	36.0	93.0	67.0	2.0	4.0	3.4	5.7	SE	SE	-	-	3.0	4.0	30.0	35.0
28	32.0	33.0	38.0	40.0	35.0	43.0	30.0	33.0	69.0	50.0	4.0	5.0	4.0	5.1	SE	SE	-	-	3.0	4.0	30.0	34.0
29	30.0	32.0	37.0	41.0	32.0	43.0	30.0	35.0	86.0	58.0	2.0	6.0	3.1	6.9	NE	NE	-	-	3.0	4.0	30.0	35.0
30	30.0	32.0	37.0	40.0	32.0	43.0	30.0	35.0	86.0	58.0	1.0	5.0	1.4	6.4	NE	SE	-	-	3.0	4.0	30.0	35.0
31	30.0		36.0		32.0		30.0		86.0		2.0		2.2		NE		-	-	3.0		30.0	
Total	961.0	962.0	1179.0	1201.0	1067.0	1286.0	944.0	1075.0	2313.0	1996.0	81.0	110.0	64.1	191.8			0.0	0.0	103.0	144.0	977.4	1064.0
Average	31.0	31.0	38.0	38.7	34.4	41.5	30.5	34.7	74.6	64.4	2.6	3.5	2.1	6.2			0.0	0.0			31.5	34.3
										69.5	3.1		4.1					0.0		247.0		32.9

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	30.0	35.0	37.0	41.0							2.0	2.0	2.4	5.2	NE	NE	-	-	2.0	4.0	29.5	36.5
2	31.0	34.0	37.5	41.5							2.0	2.0	2.1	5.5	NE	NE	-	-	3.0	4.0	30.0	35.5
3	32.0	35.0	36.5	42.0							2.0	4.0	3.6	7.1	NE	NE	-	-	3.0	4.0	30.5	36.0
4	29.0	34.0	42.5	44.0							4.0	4.0	2.3	4.0	NE	SE	-	-	3.0	4.0	30.0	37.5
5	30.0	32.5	41.0	46.0							4.0	4.0	2.4	3.8	NE	SE	-	-	3.0	4.0	31.0	37.5
6	29.0	32.0	39.0	44.5							4.0	4.0	3.4	5.0	NW	SE	-	-	3.0	4.0	29.5	38.0
7	31.0	32.0	41.0	45.0							4.0	4.0	3.2	6.8	NW	SW	-	-	3.0	4.0	31.0	38.5
8	29.0	29.5	34.0	42.0							2.0	2.0	4.5	5.2	NW	NE	-	-	3.0	3.0	30.0	38.5
9	28.0	31.0	39.0	42.0							2.0	4.0	3.2	7.9	NW	SW	-	-	2.7	2.8	32.0	36.0
10	29.0	31.0	34.0	43.0							4.0	2.0	3.6	8.6	SW	SW	-	-	2.5	2.0	28.5	34.0
11	29.0	30.0	40.0	45.0							4.0	4.0	2.9	8.3	NW	NW	-	8.0	3.0	4.0	31.0	31.0
12	28.0	29.0	33.0	44.0							4.0	2.0	6.6	1.8	NW	NW	-	-	2.0	2.0	29.0	30.0
13	25.0	31.0	33.0	42.0							2.0	4.0	2.8	4.4	SW	NW	19.6	-	3.6	2.0	28.0	34.0
14	25.0	30.0	34.0	43.0							2.0	4.0	0.8	8.2	NW	NW	-	-	2.0	2.0	27.0	35.0
15	29.0	35.0	38.0	44.0							4.0	2.0	2.4	10.5	NE	NW	-	-	2.0	2.0	30.0	35.0
16	28.5	30.0	39.0	43.5							2.0	2.0	0.5	6.3	NW	NW	-	1.2	2.0	3.2	29.0	31.0
17	28.0	31.0	31.0	41.0							2.0	2.0	4.8	1.1	NW	NE	-	-	2.0	2.0	28.0	34.0
18	25.0	26.5	32.0	36.0							2.0	2.0	1.3	3.9	SE	NE	10.0	-	2.0	2.0	27.0	34.0
19	29.0	31.0	34.0	36.5							4.0	2.0	1.5	4.0	NW	NW	5.2	3.2	2.0	1.2	29.0	32.0
20	26.5	32.0	31.0	38.0							2.0	2.0	1.8	3.1	SW	SW	-	13.2	1.5	1.2	28.0	31.0
21	26.0	30.0	30.0	40.0							4.0	4.0	2.1	5.2	NW	NW	-	-	1.5	2.0	28.0	37.0
22	31.0	32.0	35.0	40.0							4.0	2.0	2.2	7.3	NE	SE	-	-	2.0	2.0	29.0	36.0
23	28.0	30.0	36.0	41.0							2.0	4.0	3.4	6.6	SW	NW	-	-	2.0	2.0	30.0	34.0
24	24.0	25.0	30.0	31.0							2.0	4.0	1.6	4.0	NW	NW	31.6	-	1.6	2.0	26.0	30.0
25	25.0	28.0	30.0	38.0							2.0	2.0	1.7	4.1	NW	NW	-	-	2.0	2.0	27.0	37.0
26	28.0	31.0	35.0	39.0							4.0	4.0	2.7	5.7	NW	NE	-	-	2.0	2.0	30.0	35.0
27	26.0	28.0	32.0	39.0							2.0	4.0	3.6	3.4	NW	SE	4.4	-	1.9	2.0	27.0	37.0
28	25.0	27.0	35.0	36.0							4.0	4.0	2.4	5.2	NE	SW	4.8	2.4	1.8	-	27.0	34.0
29	26.0	29.0	32.0	38.0							4.0	2.0	3.2	5.7	SE	SE	2.4	-	1.4	2.0	28.0	35.0
30	27.0		32.0								4.0				SE	SE	-	-	2.0		29.0	
Total	837.0	891.5 *	1053.5	1186.0 *							90.0	88.0 *	79.0	157.9 *			78.0	28.0	68.5	73.4 *	869.0	1010.0 *
Average	27.9	30.7 *	35.1	40.9 *							3.0	3.0 *	2.6	5.4 *			2.6	0.9			29.0	34.8 *
	29.3 *		38.0 *		0.0 *		0.0 *		0.0 *		3.0 *		4.0 *				1.8		141.9 *		31.9 *	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60ES
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

JULY 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		30.0		40.0								4.0		5.1		SE			2.0			37.0
1	29.0	32.0	35.0	40.0							2.0	4.0	2.3	1.8	SE	NW			2.0	3.0	30.0	34.0
2	26.0	28.0	32.0	32.0							2.0	4.0	2.1	5.0	NW	NW		0.8	2.0	1.8	28.0	30.0
3	26.0	27.0	28.0	32.0							4.0	4.0	5.9	8.7	NW	NW			2.0	2.0	27.0	32.0
4	25.0	26.0	32.0	31.0							2.0	4.0	6.5	8.2	NW	NW			2.0	2.0	26.5	29.5
5	25.0	26.0	30.0	27.0							4.0	4.0	6.6	9.2	NW	NW	3.8	8.0	1.3	1.0	25.5	27.0
6	24.0	25.0	27.0	33.0							4.0	4.0	2.3	8.6	NW	NW	11.0	7.2	1.0	1.2	25.0	29.0
7	24.0	25.0	29.0	27.0							4.0	4.0	6.8	14.2	SW	SW	1.6	3.2			25.5	27.0
8	24.0	27.0	27.0	32.0							4.0	2.0	0.6	5.3	SW	SW	2.0		1.0	2.0	25.0	29.5
9	26.0	27.0	29.0	36.0							2.0		1.4	2.1	SW	NE	0.4		1.4	2.0	27.0	37.0
10	26.0	28.0	31.0	31.0							2.0	4.0	1.6	2.0	SE	SE		13.2	1.0	1.2	28.0	29.0
11	25.0	26.0	29.0	35.0							2.0	4.0	3.2	2.5	SE	SE			1.0	2.0	26.5	33.0
12	25.0	24.5	30.0	29.5							4.0	4.0	5.6	8.1	SW	SW			1.0	1.0	27.0	38.5
13	24.0	25.0	27.0	28.0							4.0	2.0	1.7	6.8	SW	SW	0.8		0.8	1.0	25.0	27.5
14	25.0	28.0	28.0	36.0							4.0	2.0	1.2	8.8	SW	NE			1.0	2.0	26.5	32.0
15	26.0	27.0	32.0	31.0							2.0	4.0	2.8	5.2	NW	NW			1.0	2.0	28.0	29.5
16	25.0	25.0	30.0	28.5							4.0	4.0	3.2	8.0	SW	SW	0.8	1.6			27.0	27.0
17	24.0	25.0	27.5	31.5							4.0	6.0	1.9	8.0	SW	SW	0.8	1.6		0.6	26.0	29.0
18	23.0	24.0	26.0	32.0							2.0	2.0	4.6	9.6	SW	NW	7.2		0.7	1.0	24.0	29.0
19	25.0	25.0	29.0	32.0							4.0	4.0	4.5	5.8	SW	SW	2.4		0.4	1.0	25.5	29.5
20	25.0	26.0	30.0	35.0							4.0		0.2	3.8	SW	SW		3.2	1.0	1.2	26.5	29.5
21	24.0	27.0	28.0	35.0							2.0		1.9	2.2	SE	NE		6.4	1.0	1.4	27.0	30.0
22	24.0	25.0	28.0	35.0							2.0	4.0	1.3	2.0	SW	SE	16.8		0.8	2.0	26.5	33.0
23	25.0	26.0	31.0	34.5							2.0	2.0	1.1	3.9	SW	SE	8.8	2.0	0.8	1.0	28.0	31.5
24	25.5	27.0	30.0	35.0							2.0	2.0	1.1	2.8	SE	SW	0.4		1.4	2.0	27.5	33.0
25	26.0	27.0	33.0	34.0							4.0	4.0	1.6	4.4	SW	SW			1.0	2.0	28.0	32.0
26	25.0	25.0	31.0	34.0							2.0	2.0	2.7	5.4	SE	SW	1.2	2.0		1.0	27.0	31.0
27	26.0	27.0	30.0	35.0							4.0	4.0	1.2	7.5	SW	SW			1.5	2.0	27.0	33.0
28	25.0	26.0	32.0	35.0							2.0	2.0	1.2	6.3	SW	SW	4.8		1.8	2.0	28.0	34.0
29	26.0	26.0	33.0	35.0							4.0	4.0	1.6	5.8	SW	SW	1.6			2.0	28.0	33.0
30	25.0	28.0	31.0	37.0							2.0	4.0	1.7	4.7	NE	NE	8.8		1.8	2.0	28.0	34.0
31	25.5		31.0								2.0		2.4		NE		12.4		1.4		27.0	
Total	779.0	820.5	926.5	1029.0							92.0	98.0	82.8	181.8			85.6	49.2	32.1	48.4	831.5	959.5
Average	25.1	26.5	29.9	33.2							3.0	3.2	2.7	5.9			2.8	1.6			26.8	31.0
	25.8		31.5		0.0		0.0		0.0		3.1		4.3				2.2		80.5		28.9	

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 - N.A.

AUGUST 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	25.0																					
1	23.0	26.0	30.0	33.5							2.0	4.0	1.8	3.3	SW	SW	25.2		1.7	1.5	26.5	32.5
2	23.0	26.0	30.0	35.5							4.0	2.0	3.2	2.9	SW	SW		10.8	1.5	1.8	27.0	30.0
3	24.5	26.0	26.5	38.0							4.0	4.0	2.9	5.4	SW	NW		2.4	1.0	1.4	26.5	29.0
4	23.0	26.0	27.0	30.0							4.0	2.0	3.8	4.1	SW	SW	0.8	12.0	1.3	1.0	26.5	27.5
5	24.0	25.0	27.0	31.0							2.0	2.0	3.3	5.4	SW	NW	8.4	2.8	1.4	1.8	25.0	28.0
6	25.0	25.0	26.0	29.0							4.0	2.0	4.4	6.7	NW	SW	0.8		1.3	1.0	26.0	28.0
7	24.0	25.0	27.0	27.0							4.0	2.0	2.2	7.4	SW	NW	6.0	6.0	1.0	0.5	25.0	26.0
8	23.0	26.0	26.0	33.0							2.0	2.0	0.5	5.8	SW	SW	0.4		1.4	2.0	24.5	30.0
9	25.0	26.0	29.0	33.0							2.0	2.0	0.9	5.4	SW	SW			1.5	2.0	26.5	30.5
10	24.0	25.0	29.5	31.0							4.0	2.0	0.8	4.7	NW	SW	8.8		0.8	2.0	26.5	29.0
11	24.0	26.0	28.0	31.0							4.0	4.0	3.6	6.9	SW	SW			1.0	2.0	26.5	28.0
12	24.0	25.0	27.0	29.0							4.0	4.0	3.4	4.8	SW	SW			1.5	2.0	25.5	28.0
13	25.0	27.0	28.0	29.0							4.0	4.0	4.1	7.1	SW	SW			2.0	2.0	26.0	30.5
14	26.0	27.0	29.0	33.0							4.0	4.0	4.4	7.7	SW	SW			2.0	2.0	26.5	32.0
15	25.5	27.0	29.0	30.5							4.0	4.0	3.8	8.4	SW	SW			1.5	2.0	27.0	28.0
16	24.5	26.0	27.5	30.0							4.0	4.0	4.1	7.6	SW	NW			1.5	2.0	25.5	30.0
17	22.0	23.5	25.5	28.0							4.0	2.0	2.8	3.7	NW	SW	2.8	8.0	1.8	1.0	24.0	25.5
18	24.0	24.0	25.5	28.0							2.0	2.0	5.1	7.4	SW	SW			1.0	1.0	25.0	26.0
19	23.5	26.0	25.5	34.0							4.0	2.0	1.1	8.7	SW	SW			1.0	2.0	25.5	31.0
20	24.0	26.0	30.0	35.0							4.0	4.0	2.2	7.4	SW	SW			1.5	2.0	26.0	31.5
21	23.0	25.0	27.0	35.0							2.0	4.0	1.1	5.5	SW	SW			1.5	2.0	25.5	32.0
22	25.0	26.0	31.0	33.0							2.0	2.0	2.4	4.1	SW	NW			1.5	1.5	27.0	30.0
23	24.5	28.0	27.5	32.0							4.0	2.0	0.5	4.7	NW	SW		0.8	1.5	1.2	26.0	31.0
24	25.0	28.0	31.0	37.5							2.0	2.0	1.3	2.9	SW	SW			1.5	2.0	26.5	34.5
25	25.0	25.5	31.5	39.0							2.0	4.0	0.7	3.9	SW	NW		34.4	1.5	2.4	27.5	29.0
26	24.5	26.0	26.5	36.0							2.0	2.0	1.8	2.7	NW	SE		4.4	1.0	1.4	26.5	30.0
27	24.0	26.5	27.0	34.5							2.0		0.9	3.3	SE	NE	4.4		1.4	2.0	26.5	32.0
28	25.0	32.0	31.0	38.0							4.0	2.0	0.8	2.1	NE	NE			1.0	2.0	27.5	34.0
29	26.0	28.5	32.0	39.5							2.0	2.0	0.9	2.1	NE	NE			1.5	2.0	29.0	35.0
30	26.0	28.0	33.5	39.0							2.0	2.0	4.0	2.5	NE	NW			1.5	2.0	29.0	34.0
31	25.0		32.0								2.0		0.5		NE				1.5		27.0	
Total	754.0	812.0	883.0	1026.5							96.0	82.0	73.3	164.1			57.6	81.6	43.1	53.0	815.5	933.0
Average	24.3	26.2	28.5	33.1							3.1	2.6	2.4	5.3			1.9	2.6			26.3	30.1
	25.3		30.8		0.0		0.0		0.0		2.9		3.8				2.2		96.1		28.2	

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
-0.0 .. N.A.

SEPTEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	25.0	27.0	32.0	34.0	29.0	30.0	26.0	27.0	78.0	78.0	2.0	4.0	2.7	3.2	SE	SE	-	2.4	1.0	2.0	28.0	30.5
2	25.0	26.0	28.0	33.0	29.0	28.0	26.0	26.0	85.0	85.0	4.0	2.0	3.2	5.9	SW	SW	-	-	1.0	1.5	26.5	29.0
3	24.0	26.0	27.0	33.0	27.0	30.0	26.0	27.0	92.0	92.0	4.0	2.0	3.3	5.4	SW	SW	-	-	1.0	2.0	26.0	29.5
4	25.0	25.0	29.0	30.0	26.0	29.0	25.0	26.0	92.0	92.0	2.0	2.0	2.3	7.2	NW	NW	0.8	-	-	2.0	26.0	28.5
5	25.0	26.0	29.0	33.0	27.0	32.0	25.0	26.0	84.0	84.0	2.0	4.0	2.7	7.7	NW	NW	-	-	1.0	2.0	27.0	30.5
6	24.0	27.0	32.0	33.0	28.0	31.0	24.0	25.0	70.0	70.0	4.0	4.0	1.4	8.8	SW	NW	-	-	1.0	2.0	25.5	31.0
7	24.5	27.5	30.0	33.0	27.0	30.0	24.0	24.0	77.0	77.0	2.0	2.0	1.8	9.6	NW	SW	-	-	1.0	2.0	26.5	29.5
8	25.0	25.5	29.0	34.0	27.0	31.0	24.0	27.0	77.0	77.0	2.0	4.0	2.6	5.2	SW	NW	0.4	1.0	1.0	2.0	25.0	30.5
9	25.0	27.0	30.0	35.5	27.0	29.0	25.0	27.0	84.0	85.0	4.0	2.0	2.3	5.1	NW	NW	-	-	1.0	2.4	27.0	30.0
10	25.5	26.0	28.0	34.0	27.0	32.0	25.0	27.5	84.0	84.0	2.0	2.0	1.1	4.2	NW	NW	-	-	1.0	2.0	27.0	32.0
11	26.0	25.0	32.0	33.0	29.0	26.5	27.0	24.0	85.0	80.0	2.0	2.0	3.3	5.5	NW	NW	-	-	1.2	2.4	27.0	29.0
12	24.0	25.5	28.0	34.5	27.0	27.0	26.0	25.0	92.0	84.0	2.0	2.0	1.8	4.9	NW	SW	27.2	-	1.2	2.4	27.0	28.0
13	24.0	27.0	36.5	36.5	28.0	31.0	26.0	27.0	85.0	73.0	2.0	2.0	2.7	3.1	NE	NE	3.2	-	1.2	2.0	26.0	32.5
14	24.5	27.0	30.5	36.5	27.5	32.0	26.0	27.0	88.0	67.0	2.0	2.0	2.2	5.4	NE	NE	-	-	1.5	2.0	27.0	33.5
15	25.0	26.5	31.0	35.0	27.0	32.0	26.0	27.0	92.0	67.0	2.0	2.0	1.0	3.6	NE	NE	-	-	1.5	2.0	27.0	33.5
16	25.0	28.0	31.0	36.0	28.0	32.0	26.0	27.0	85.0	67.0	2.0	2.0	0.4	2.8	NE	NE	0.8	-	1.5	2.0	27.0	33.5
17	25.5	27.0	31.0	39.0	29.0	28.0	27.0	24.0	85.0	70.0	4.0	4.0	0.6	3.2	NE	SE	-	-	1.5	2.8	28.0	33.5
18	25.0	26.5	28.0	37.0	32.0	32.5	27.0	27.5	78.0	67.0	2.0	2.0	1.5	1.9	SE	NE	-	-	1.5	2.0	27.0	34.0
19	25.5	26.5	32.5	37.5	27.0	32.0	25.0	27.0	81.0	64.0	2.0	4.0	1.6	2.5	SW	NE	-	-	1.5	2.0	27.0	34.5
20	25.0	27.0	31.0	38.0	27.5	30.0	25.5	26.0	84.0	72.0	2.0	4.0	1.9	4.1	SW	NE	-	-	1.5	2.0	27.0	33.0
21	25.5	28.0	29.0	38.0	28.5	31.0	26.0	28.0	81.0	78.0	2.0	2.0	2.2	3.6	NW	NE	-	-	1.5	2.0	27.5	34.0
22	24.5	28.0	30.5	31.5	28.5	32.0	24.0	27.0	67.0	67.0	4.0	2.0	1.9	5.1	NE	NE	-	-	1.5	2.0	27.5	33.0
23	25.0	28.5	31.0	38.0	28.0	32.0	26.0	26.0	85.0	61.0	4.0	2.0	0.8	3.6	NE	NE	-	-	1.5	2.0	27.0	33.0
24	25.0	26.5	32.0	35.5	27.0	30.0	25.5	25.5	88.0	68.0	2.0	2.0	0.7	3.1	NE	NE	-	-	1.5	2.0	27.0	32.0
25	25.5	26.0	29.0	35.5	28.0	26.0	26.0	24.0	85.0	84.0	2.0	2.0	2.4	2.9	NE	NE	4.8	5.6	1.8	2.0	27.5	30.0
26	24.0	25.0	26.0	35.0	26.0	27.0	25.0	25.0	92.0	81.0	2.0	2.0	2.3	3.4	NW	SE	4.4	-	1.4	1.6	26.0	29.5
27	22.0	25.0	23.0	36.0	26.0	29.0	25.0	27.0	92.0	85.0	2.0	2.0	1.3	3.0	NE	SE	54.4	13.6	1.4	1.0	25.0	30.5
28	24.0	26.0	29.0	31.0	27.0	28.0	25.0	26.0	84.0	85.0	2.0	-	1.8	2.3	NE	NE	6.4	8.0	1.4	1.6	27.0	28.0
29	24.0	26.5	27.0	31.0	26.0	27.0	23.0	25.0	76.0	84.0	2.0	2.0	2.4	3.0	NE	NE	16.4	-	1.4	1.0	26.5	27.5
30	24.0	26.0	26.0	26.0	27.0	27.0	26.0	25.0	92.0	92.0	2.0	2.0	2.3	-	NE	NE	-	-	1.0	-	25.5	-
Total	741.0	794.5	878.5	1042.0	828.0	867.0	763.0	757.5	2513.0	2132.0	74.0	72.0	58.5	131.6			119.6	84.0	37.3	57.7	801.0	936.0
Average	24.7	26.5	29.3	34.7	27.6	29.9	25.4	26.1	83.8	73.5	2.5	2.4	1.9	4.4			4.0	2.8			26.7	31.2
	25.6		32.0		28.7		25.8		78.6			2.4	3.2				3.4		95.0		29.0	

* : One or more data missing tDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

OCTOER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (15 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	25.0	26.0	28.0	30.0	26.0	30.0	25.0	26.0	92.0	97.0	4.0	3.8	1.0	3.8	NE	NE	-	-	1.0	2.0	25.0	28.0
2	24.0	27.0	29.0	35.0	27.0	30.0	25.0	26.0	84.0	72.0	2.0	3.6	0.3	3.6	NE	NE	-	-	1.0	2.0	27.0	31.5
3	24.0	27.0	29.5	35.0	28.0	31.0	26.0	27.0	85.0	73.0	2.0	2.7	0.7	2.7	NE	NE	-	-	1.0	2.0	27.0	31.6
4	25.0	26.5	30.0	34.5	27.0	31.0	25.0	26.0	84.0	67.0	2.0	5.1	0.6	5.1	NE	SW	-	-	1.0	2.0	27.5	31.5
5	25.0	27.0	30.0	36.5	27.0	32.0	25.0	27.0	84.0	67.0	2.0	2.6	0.7	2.6	SW	NE	-	-	1.0	2.2	27.0	33.0
6	26.0	25.5	32.0	38.0	27.0	27.0	26.0	24.0	92.0	77.0	2.0	4.5	1.2	4.5	NE	NW	-	7.2	1.0	1.2	27.0	29.0
7	24.0	25.0	27.0	35.5	27.0	26.0	25.0	24.0	84.0	84.0	2.0	3.7	1.3	3.7	NE	NE	-	3.2	1.0	1.8	26.0	28.0
8	24.0	25.5	26.0	34.5	26.0	26.0	25.0	24.0	92.0	84.0	2.0	2.4	1.6	2.4	NE	NE	2.0	42.8	1.4	1.5	26.0	31.5
9	24.0	25.0	26.0	35.0	26.0	30.5	25.0	26.0	92.0	72.0	2.0	4.0	2.5	4.0	NE	NE	0.4	-	0.8	2.0	25.0	33.0
10	23.0	25.0	29.5	35.5	26.0	30.0	24.0	26.0	84.0	72.0	2.0	3.6	1.6	3.6	NE	NE	49.8	-	1.0	2.0	26.0	32.0
11	22.0	25.5	30.0	35.5	26.0	31.0	24.0	25.0	84.0	61.0	4.0	4.5	2.3	4.5	NE	NW	-	-	1.0	2.0	24.0	31.0
12	21.0	24.0	31.0	36.0	25.0	30.0	23.0	23.0	84.0	55.0	4.0	4.5	2.0	4.5	NW	NW	-	-	1.0	2.0	23.5	31.0
13	19.0	22.5	30.0	37.0	23.0	29.0	19.0	22.0	67.0	52.0	2.0	2.7	1.0	2.7	NE	NE	-	-	1.0	2.0	22.0	31.0
14	20.0	22.5	29.0	36.0	23.0	29.0	20.0	20.0	75.0	52.0	2.0	2.1	1.3	2.1	NE	NW	-	-	1.0	2.0	22.0	31.0
15	19.0	21.0	29.0	36.5	22.0	30.0	19.0	23.0	74.0	53.0	2.0	2.8	1.5	2.8	NW	NE	-	-	1.0	2.0	22.0	31.0
16	22.0	21.0	29.0	35.0	22.0	29.0	19.0	23.0	74.0	58.0	2.0	2.8	1.3	2.8	NE	NE	-	-	1.0	2.0	22.5	31.5
17	19.0	21.5	29.0	35.0	22.0	29.0	19.0	23.0	74.0	58.0	2.0	2.9	1.1	2.9	NE	NW	-	-	1.0	2.0	22.5	30.5
18	19.0	21.5	30.0	35.0	22.0	29.0	20.0	22.0	82.0	52.0	2.0	3.8	1.9	3.8	NW	NE	-	-	1.0	2.0	21.0	29.5
19	18.0	20.5	29.0	36.0	21.0	28.0	19.0	21.0	78.0	51.0	4.0	2.9	1.3	2.9	NE	NE	-	-	1.0	2.0	21.0	30.0
20	17.0	20.5	29.0	35.5	26.0	26.0	21.0	21.0	62.0	62.0	2.0	3.4	0.9	3.4	NE	NE	-	-	1.0	2.0	21.0	30.0
21	17.0	20.0	29.0	34.0	20.0	29.0	18.0	23.0	81.0	58.0	2.0	3.5	1.7	3.5	NE	NE	-	-	1.0	2.0	21.0	29.0
22	18.0	21.0	29.0	35.0	21.0	29.0	19.0	23.0	82.0	58.0	2.0	2.6	1.5	2.6	NE	NE	-	-	1.0	2.0	20.5	30.5
23	17.0	21.0	29.0	37.0	21.0	30.0	18.0	22.0	73.0	47.0	2.0	3.6	0.5	3.6	NE	NW	-	-	1.0	2.0	21.0	29.5
24	18.0	20.5	29.5	36.0	21.0	30.0	18.0	21.0	73.0	42.0	2.0	4.0	2.4	4.0	NW	NW	-	-	1.0	2.0	21.0	30.0
25	18.0	21.0	29.0	36.0	22.0	29.0	18.0	22.0	67.0	52.0	2.0	3.9	3.9	3.9	NW	NE	-	-	1.0	2.0	20.5	30.0
26	18.0	19.0	29.0	36.0	21.0	29.0	18.0	22.0	73.0	52.0	4.0	2.8	2.0	2.8	NE	NE	-	-	1.0	2.0	19.5	28.5
27	16.0	20.0	28.0	34.5	21.0	28.0	18.0	20.0	73.0	45.0	2.0	4.4	1.5	4.4	NE	NE	-	-	1.0	2.0	19.0	28.5
28	16.5	18.5	27.5	34.0	20.0	29.0	17.0	23.0	73.0	59.0	2.0	3.1	1.0	3.1	NE	NE	-	-	1.0	2.0	21.0	29.0
29	18.5	21.0	28.5	34.0	21.0	29.0	19.0	24.0	82.0	64.0	2.0	3.6	0.7	3.6	NE	NE	-	-	1.0	2.0	21.0	24.0
30	18.0	21.0	28.0	34.5	21.0	28.0	19.0	22.0	82.0	57.0	2.0	1.0	2.0	1.0	NE	NE	-	-	1.0	2.0	20.5	25.0
31	18.0	21.0	28.0	34.5	21.0	28.0	19.0	22.0	82.0	57.0	2.0	1.0	2.0	1.0	NE	NE	-	-	1.0	2.0	21.0	21.0
Total	633.0	709.0	896.5	1093.0	729.0	901.5	655.0	729.0	2468.0	1938.0	72.0	16.0	44.2	104.2			52.2	53.2	31.2	59.7	712.0	931.0
Average	20.4	22.9	28.9	35.3	23.5	29.1	21.1	23.5	79.6	62.5	2.3	0.5	1.4	3.4			1.7	1.7			23.0	30.0
	21.6		32.1		26.3		22.3		71.1		1.4		2.4				1.7		90.9		26.5	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		20.5		34.0		28.0		22.0		57.0		3.0		NE					2.0		29.0	
1	17.0	19.0	27.5	35.0	20.0	22.0	17.0	19.0	73.0	74.0	2.0	2.0	3.7	NE	NE	-	-	-	1.0	1.5	20.0	28.5
2	17.5	21.0	28.0	34.0	22.0	26.0	18.0	22.0	66.0	69.0	2.0	0.8	4.3	NE	NE	-	-	-	1.0	1.5	20.0	28.5
3	19.0	22.0	31.0	33.0	23.0	26.0	20.0	22.0	75.0	69.0	4.0	1.8	4.0	NE	NE	-	-	-	1.0	1.5	20.5	29.0
4	21.0	24.0	29.0	30.0	24.0	27.0	20.0	22.0	68.0	63.0	4.0	3.9	0.9	NE	NE	-	-	-	1.0	1.5	21.0	29.0
5	20.0	23.5	29.5	32.0	25.0	29.0	20.0	21.0	61.0	46.0	4.0	1.8	4.9	NE	NE	-	-	-	1.0	1.5	22.0	28.5
6	19.0	22.0	28.0	31.0	21.0	27.0	18.0	20.0	73.0	50.0	4.0	2.0	3.1	NE	NE	-	-	-	1.0	1.5	21.5	27.5
7	14.0	16.0	27.0	32.0	16.0	28.0	14.0	19.0	79.0	39.0	2.0	0.8	4.2	NE	NW	-	-	-	1.0	1.5	17.0	26.5
8	14.0	16.5	28.0	34.5	17.0	28.0	14.0	19.0	79.0	39.0	2.0	1.0	3.3	NW	NE	-	-	-	1.0	1.5	18.0	27.0
9	13.0	15.5	27.5	32.0	16.0	26.0	13.0	17.0	69.0	36.0	6.0	1.1	3.6	NE	NW	-	-	-	1.0	1.5	16.5	25.5
10	12.5	15.5	26.0	32.0	16.0	27.0	13.0	9.0	64.0	44.0	2.0	0.8	1.8	NW	NW	-	-	-	1.0	1.5	15.5	25.0
11	13.0	16.0	27.0	31.0	17.0	26.0	14.0	18.0	70.0	42.0	2.0	1.6	3.0	NE	NW	-	-	-	1.0	1.5	17.0	25.0
12	13.5	16.5	25.5	32.0	17.0	27.0	14.0	20.0	70.0	50.0	4.0	1.1	1.8	NW	NE	-	-	-	1.0	1.5	16.5	25.5
13	14.5	16.5	26.5	32.0	17.0	27.0	15.0	20.0	80.0	50.0	2.0	0.9	2.6	NE	NE	-	-	-	1.0	1.5	17.0	26.0
14	15.5	17.5	27.0	32.5	18.0	28.0	16.0	21.0	80.0	51.0	2.0	1.3	1.8	NE	NE	-	-	-	1.0	1.5	17.0	26.5
15	16.0	17.5	28.0	32.0	17.0	28.0	16.0	20.0	80.0	50.0	2.0	2.0	1.8	4.0	NE	NE	-	-	1.0	1.5	17.5	26.5
16	13.5	16.0	27.0	32.0	16.0	27.0	13.0	19.0	69.0	44.0	4.0	1.5	3.4	NE	NE	-	-	-	1.0	1.5	16.5	25.0
17	12.5	14.0	26.5	31.0	15.0	27.0	12.0	18.0	68.0	38.0	4.0	1.7	3.7	NE	NE	-	-	-	1.0	1.5	15.5	24.5
18	12.0	15.0	25.0	31.0	13.0	25.5	12.0	15.5	66.0	28.0	4.0	1.1	2.8	NE	NW	-	-	-	1.0	1.5	15.0	25.0
19	11.0	14.5	27.0	30.0	14.0	26.0	13.0	16.5	89.0	93.0	4.0	1.1	1.3	NW	NW	-	-	-	1.0	1.5	15.5	25.0
20	10.5	14.0	26.5	31.0	14.0	21.0	14.0	15.0	78.0	49.0	4.0	0.7	1.6	NW	NW	-	-	-	1.0	1.5	15.0	26.5
21	11.5	14.0	28.0	32.0	17.0	25.0	13.0	14.5	70.0	17.0	2.0	0.5	2.0	NW	NW	-	-	-	1.0	1.5	15.5	25.0
22	11.0	15.0	26.0	32.0	16.0	26.0	13.0	13.5	69.0	79.0	2.0	1.3	1.2	NW	NW	-	-	-	1.0	1.5	16.0	24.5
23	11.5	13.5	28.0	33.5	16.0	23.0	14.0	14.0	79.0	31.0		0.7	1.8	NW	SE	-	-	-	1.0	1.5	15.5	25.0
24	12.0	15.0	25.5	33.5	15.0	27.0	13.0	18.0	78.0	38.0	2.0	0.6	2.2	SE	NE	-	-	-	1.0	1.5	16.0	25.0
25	11.5	14.0	27.0	33.0	15.0	27.0	12.0	19.0	68.0	44.0	2.0	0.4	2.7	NE	NW	-	-	-	1.0	1.5	15.5	24.5
26	12.0	15.5	27.5	33.0	16.0	28.0	14.0	19.0	79.0	39.0	2.0	0.7	2.1	NW	NW	-	-	-	1.0	1.5	16.0	25.0
27	12.5	15.5	28.0	32.5	16.0	28.0	13.0	19.0	69.0	39.0	2.0	1.0	2.1	NW	NW	-	-	-	1.0	1.5	16.0	25.0
28	12.0	14.5	27.0	33.0	14.0	28.0	12.0	19.0	78.0	39.0	2.0	0.5	2.4	NW	NE	-	-	-	1.0	1.5	15.0	24.5
29	12.5	14.5	27.5	33.5	15.0	28.0	13.0	19.0	78.0	39.0	2.0	0.8	2.3	NE	NW	-	-	-	1.0	1.5	16.0	25.0
30	12.0		27.5		15.0		12.0		68.0		2.0	0.9		NW		-	-	-	1.0		15.5	
Total	417.5	504.5	819.5	970.0	513.0	796.5	435.0	550.0	2193.0	1446.0	82.0	36.3	81.6				0.0	0.0	30.0	45.5	511.5	783.0
Average	13.9	16.8	27.3	32.3	17.1	26.6	14.5	18.3	73.1	48.2	2.7	1.2	2.7				0.0	0.0			17.1	26.1
	15.4		29.8		21.8		16.4		60.7		1.5	2.0					0.0		75.5		21.6	

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60ES
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
-0.0 .. N.A.

DECEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	13.5	14.0	28.0	32.5	16.0	27.0	13.0	19.0	69.0	44.0	2.0	2.0	0.7	2.0	NW	NE	-	-	1.0	1.5	16.0	23.5
2	14.0	16.0	25.5	31.0	17.0	24.0	14.5	15.5	75.0	36.0	2.0	2.0	0.9	2.9	NE	NE	-	-	1.0	1.5	17.0	24.5
3	14.5	16.5	27.0	31.5	16.0	27.0	13.0	20.0	89.0	50.0	4.0	4.0	0.6	2.9	NE	NE	-	-	1.0	1.5	17.0	25.0
4	14.0	16.0	32.0	32.0	17.0	27.0	15.0	19.0	80.0	44.0	2.0	2.0	1.3	2.7	NE	NE	-	-	1.0	1.5	17.0	25.0
5	14.0	15.5	26.5	31.0	16.0	26.0	13.0	20.0	69.0	55.0	2.0	2.0	0.5	2.3	NE	NE	-	-	1.0	1.5	16.5	24.5
6	13.0	14.0	25.5	30.5	15.0	26.0	13.0	19.0	78.0	49.0	2.0	2.0	0.3	3.0	NE	SE	-	-	1.0	1.5	16.0	23.0
7	12.5	14.0	26.0	30.0	15.0	26.0	13.0	18.0	78.0	42.0	-	-	0.5	26.0	SE	SE	-	-	1.0	1.5	15.5	24.5
8	12.5	14.0	25.0	30.0	14.0	25.0	12.0	18.0	78.0	47.0	2.0	2.0	0.9	1.8	SE	SE	-	-	1.0	1.0	15.0	23.0
9	12.5	14.0	25.0	30.0	14.0	25.0	12.0	18.0	78.0	47.0	2.0	2.0	1.6	1.7	SE	SE	-	-	1.0	1.0	15.0	23.5
10	12.0	14.0	24.5	29.5	15.0	26.0	13.0	19.0	78.0	49.0	2.0	2.0	1.1	1.9	NE	NE	-	-	1.0	1.0	15.5	24.0
11	12.5	11.0	25.0	32.5	15.0	25.0	12.0	18.0	68.0	47.0	2.0	2.0	1.1	3.0	NE	NE	-	-	1.0	1.0	14.0	24.0
12	11.5	12.5	25.0	32.5	13.0	27.0	11.0	18.0	77.0	38.0	2.0	2.0	0.7	3.5	NE	NE	-	-	1.0	1.0	14.0	24.0
13	12.0	13.0	26.5	31.0	14.0	27.0	12.0	19.0	78.0	44.0	2.0	2.0	1.5	4.0	NE	NE	-	-	1.0	1.0	14.5	23.5
14	12.5	13.5	26.5	32.0	14.0	25.0	11.0	16.0	67.0	35.0	2.0	2.0	0.9	3.9	NE	NW	-	-	1.0	1.0	15.0	23.5
15	12.0	13.5	25.5	30.5	14.0	26.0	11.0	17.0	67.0	36.0	2.0	2.0	1.0	2.3	NW	NW	-	-	1.0	1.0	14.5	23.0
16	11.0	13.0	25.5	29.5	14.0	25.0	11.0	18.0	67.0	47.0	2.0	2.0	0.8	2.6	NE	NE	-	-	1.0	1.0	14.0	22.5
17	11.5	13.0	25.0	29.0	16.0	24.0	13.0	16.0	69.0	39.0	4.0	4.0	0.6	2.4	NW	NW	-	-	1.0	1.0	14.0	22.0
18	11.0	12.0	24.0	29.0	12.0	21.0	9.0	15.0	65.0	49.0	-	-	0.7	2.2	NW	NW	-	-	1.0	1.0	13.0	21.5
19	8.0	12.5	22.0	28.0	11.0	18.0	8.0	13.0	63.0	53.0	2.0	2.0	0.5	2.2	NW	NW	-	-	1.0	1.0	11.0	19.0
20	8.0	10.0	22.0	30.0	10.0	18.0	7.0	11.0	62.0	36.0	-	-	0.5	2.0	NW	NW	-	-	1.0	1.0	13.0	21.0
21	8.0	10.0	24.0	31.0	11.0	19.0	8.0	12.0	63.0	38.0	2.0	2.0	0.8	2.7	NW	NW	-	-	1.0	1.0	11.5	20.0
22	8.5	10.5	26.0	29.5	11.0	24.0	8.0	16.0	63.0	39.0	2.0	2.0	1.2	2.6	NW	NE	-	-	1.0	1.0	11.5	16.0
23	8.5	10.5	24.5	29.0	11.0	24.0	8.0	15.0	63.0	33.0	2.0	2.0	1.1	2.3	NE	NE	-	-	1.0	1.0	11.0	19.5
24	9.5	12.0	23.0	29.0	12.0	25.0	10.0	17.0	79.0	41.0	2.0	2.0	0.8	1.4	NE	NE	-	-	1.0	1.0	11.5	21.0
25	10.0	14.0	24.5	29.5	14.0	25.0	11.0	17.0	67.0	41.0	-	-	0.8	1.8	NE	NW	-	-	1.0	1.0	11.0	21.0
26	11.0	13.0	25.0	29.5	13.0	24.0	11.0	15.0	77.0	33.0	-	-	1.4	4.8	NE	NE	-	-	1.0	1.0	13.5	21.5
27	8.5	10.0	24.0	28.5	11.0	24.0	8.0	17.0	63.0	46.0	-	-	1.0	2.5	NW	NE	-	-	1.0	1.0	11.0	21.0
28	9.5	11.5	24.0	29.5	12.0	24.0	10.0	17.0	76.0	46.0	2.0	2.0	0.7	1.7	NE	NE	-	-	1.0	1.0	12.0	21.0
29	9.5	11.5	24.5	30.0	12.0	26.0	10.0	17.0	76.0	36.0	2.0	2.0	0.8	1.9	NE	NE	-	-	1.0	1.0	12.5	22.0
30	10.0	11.5	25.0	30.5	12.0	25.0	10.0	17.0	76.0	41.0	2.0	2.0	0.6	1.9	NE	NE	-	-	1.0	1.0	12.5	25.5
31	10.0	10.0	24.0	24.0	12.0	24.0	10.0	10.0	76.0	76.0	2.0	2.0	0.6	0.6	NE	NE	-	-	1.0	1.0	12.5	12.5
Total	345.5	400.5	780.5	938.0	419.0	761.0	340.5	520.5	2234.0	1300.0	54.0	4.0	26.3	101.1			0.0	0.0	31.0	35.0	428.0	697.5
Average	11.1	12.9	25.2	30.3	13.5	24.5	11.0	16.8	72.1	41.9	1.7	0.1	0.8	3.3			0.0	0.0			13.8	22.5
	12.0		27.7		19.0		13.9		57.0		0.9		2.1				0.0		66.0		18.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60ES
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	11.5	13.0	25.5	31.0	13.0	26.0	11.0	18.0	77.0	42.0	-	-	0.6	2.6	NE	NE	-	-	1.0	1.0	14.5	23.0
2	12.5	12.0	25.5	29.5	14.0	25.0	12.0	9.0	78.0	51.0	2.0	2.0	2.3	3.4	NW	SW	-	-	1.0	1.0	15.0	23.5
3	12.5	14.5	24.0	30.0	14.5	24.0	11.0	16.0	62.0	39.0	4.0	-	0.9	3.0	NW	NE	-	-	1.0	1.0	15.0	22.5
4	10.0	11.5	24.5	28.5	13.0	26.0	10.0	18.0	66.0	42.0	-	-	0.8	2.2	NE	NW	-	-	1.0	1.0	14.0	22.5
5	10.0	11.5	23.5	30.0	12.0	25.0	10.0	17.0	76.0	41.0	2.0	2.0	0.7	2.1	NW	NW	-	-	1.0	1.0	12.5	21.5
6	10.0	11.5	25.0	30.5	12.0	25.0	10.0	10.0	76.0	41.0	-	-	0.8	2.5	NW	SE	-	-	1.0	1.0	13.0	22.0
7	10.5	11.5	25.0	30.0	12.0	26.0	10.0	18.0	76.0	42.0	2.0	-	1.1	2.3	SE	SW	-	-	1.0	1.0	13.0	22.0
8	11.0	14.0	26.0	30.0	14.0	26.0	12.0	18.0	78.0	42.0	2.0	-	0.7	1.9	SW	SW	-	-	1.0	1.0	14.0	22.5
9	12.0	17.0	26.0	30.0	15.0	26.0	13.0	19.0	78.0	49.0	-	-	1.3	2.9	SW	SW	-	-	1.0	1.0	14.0	23.0
10	12.0	17.0	26.0	26.0	18.0	24.0	16.0	19.0	80.0	60.0	2.0	-	1.8	2.8	NW	NE	4.8	-	0.8	1.0	17.0	23.0
11	12.0	13.0	23.5	27.5	14.0	23.0	12.0	16.0	78.0	45.0	2.0	-	1.6	3.7	NE	NW	-	-	1.0	1.0	14.0	22.0
12	9.0	10.0	22.5	27.0	11.0	17.0	9.0	15.0	75.0	80.0	2.0	-	1.3	3.2	NE	NE	-	-	1.0	1.0	12.5	20.5
13	7.5	8.5	21.5	27.0	9.0	22.0	7.0	14.0	73.0	76.0	4.0	-	1.0	3.0	NE	NW	-	-	1.0	1.0	10.0	20.0
14	7.5	9.0	22.0	28.0	9.0	23.0	7.0	15.0	73.0	38.0	2.0	2.0	0.9	2.8	NW	NE	-	-	1.0	1.0	11.0	20.5
15	7.5	9.0	22.5	29.0	9.0	24.0	7.0	16.0	73.0	39.0	-	-	0.5	2.2	NE	NE	-	-	1.0	1.0	11.0	21.5
16	9.5	10.5	23.5	30.5	11.0	26.0	9.0	17.0	75.0	36.0	-	2.0	0.8	2.0	NE	NE	-	-	1.0	1.0	12.5	23.0
17	11.0	12.5	25.5	32.0	13.0	27.0	11.0	19.0	77.0	44.0	2.0	-	1.0	2.2	NE	NE	-	-	1.0	1.0	14.0	24.0
18	13.0	14.0	27.0	32.0	14.0	27.0	12.0	19.0	78.0	44.0	-	-	1.1	2.2	NE	NE	-	-	1.0	1.0	15.5	24.0
19	13.5	14.5	26.5	31.0	15.0	27.0	13.0	20.0	78.0	51.0	2.0	-	1.1	2.6	NE	NE	-	-	1.0	1.0	15.5	25.0
20	13.5	15.0	27.0	32.5	15.0	27.0	13.0	20.0	78.0	51.0	-	-	0.7	3.4	NE	NE	-	-	1.0	1.0	16.0	25.0
21	13.0	14.0	27.0	32.5	15.0	27.0	13.0	19.0	78.0	44.0	-	2.0	0.7	2.8	NE	NE	-	-	1.0	1.0	16.0	25.0
22	13.0	14.5	27.0	33.5	15.0	28.0	12.0	20.0	68.0	45.0	-	-	0.8	3.2	NE	NE	-	-	1.0	1.0	15.5	25.5
23	14.0	15.0	28.0	29.0	15.0	29.0	13.0	20.0	78.0	40.0	4.0	-	1.3	3.1	NE	NE	-	-	1.0	1.0	16.0	26.0
24	13.0	14.5	28.0	30.0	14.0	27.0	12.0	19.0	78.0	38.0	2.0	-	0.9	3.0	NE	NE	-	-	1.0	1.0	15.5	25.5
25	12.5	17.5	27.0	30.0	17.0	26.0	12.0	18.0	52.0	42.0	2.0	-	0.9	2.9	NE	NE	-	-	1.0	1.0	15.5	25.0
26	10.0	12.5	28.0	31.0	14.0	25.0	13.0	19.0	89.0	54.0	-	-	0.9	2.5	NE	NE	-	-	1.0	1.0	15.0	25.0
27	15.5	14.0	26.5	32.0	17.0	27.0	14.0	19.0	70.0	44.0	4.0	-	1.6	2.9	NE	NE	-	-	1.0	1.0	16.0	26.0
28	15.5	15.0	26.0	30.0	17.0	26.0	15.0	17.0	80.0	36.0	2.0	-	0.3	3.3	SE	SW	-	-	1.0	1.0	16.5	25.0
29	14.0	15.0	26.5	30.0	11.0	24.0	9.0	16.0	75.0	39.0	2.0	-	1.3	3.3	SE	SE	-	-	1.0	1.0	14.5	24.0
30	10.0	13.0	26.0	31.5	14.0	27.0	11.0	17.0	67.0	32.0	4.0	2.0	0.5	2.8	SE	SE	-	-	1.0	1.0	15.0	26.0
31	11.0	-	27.5	-	13.0	-	11.0	-	77.0	-	-	-	0.7	-	NW	-	-	-	1.0	-	15.0	-
Total	357.5	406.5	790.0	931.5	419.5	788.0	350.0	542.0	2317.0	1409.0	48.0	12.0	30.6	85.0			4.8	0.0	30.8	31.0	444.5	729.0
Average	11.5	13.1	25.5	30.0	13.5	25.4	11.3	17.5	74.7	45.5	1.5	0.4	1.0	2.7			0.2	0.0			14.3	23.5
	12.3		27.8		19.5		14.4		60.1		1.0		1.9				0.1		61.8		18.9	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
-0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	12.5		33.5		28.0		19.0		39.0		2.0		0.8		NW		-		1.0		26.5	
1	12.5	14.0	27.5	32.0	14.0	29.0	12.0	18.0	78.0	40.0	2.0	2.8	0.8	2.8	NW	SW	-	-	1.0	1.0	15.5	26.0
2	12.0	15.0	27.0	33.0	15.0	26.0	12.0	17.0	68.0	41.0	2.0	3.1	0.9	3.1	SW	NE	-	-	1.0	1.0	16.5	25.0
3	13.0	14.5	26.0	33.0	15.0	28.0	12.0	19.0	68.0	39.0	2.0	2.7	1.0	2.7	NE	NE	-	-	1.0	1.0	17.0	25.0
4	11.0	13.0	27.5	33.5	13.0	27.0	11.0	17.0	77.0	32.0	2.0	2.9	0.9	2.9	NE	NE	-	-	1.0	1.0	15.0	26.0
5	11.0	13.0	27.5	34.5	13.0	28.0	11.0	17.0	77.0	28.0	2.0	2.6	0.6	2.6	NE	NE	-	-	1.0	1.0	15.0	26.5
6	12.5	14.0	28.0	34.5	14.0	29.0	12.0	19.0	78.0	35.0	2.0	3.9	2.5	3.9	NE	NW	-	-	1.0	1.0	16.0	26.5
7	14.0	16.5	29.0	34.0	17.0	28.0	14.0	19.0	70.0	39.0	2.0	3.5	0.7	3.5	NW	NW	-	-	1.0	1.0	17.0	27.0
8	11.0	14.5	28.0	35.0	15.0	28.0	12.0	18.0	68.0	33.0	4.0	3.0	0.9	3.0	NE	SW	-	-	1.0	1.0	16.0	27.0
9	12.5	14.0	28.0	35.0	15.0	30.0	12.0	19.0	68.0	31.0	4.0	2.8	0.9	2.8	NW	SW	-	-	1.0	1.0	16.0	27.5
10	15.5	16.0	29.5	33.0	17.0	29.0	14.0	20.0	70.0	40.0	-	3.8	1.1	3.8	NW	NE	-	-	1.0	1.0	17.0	27.0
11	15.5	16.0	28.5	32.0	17.0	30.0	14.0	22.0	70.0	47.0	2.0	4.6	4.6	3.7	NE	NE	-	-	1.0	1.0	17.0	27.5
12	16.0	16.5	30.0	30.0	20.0	23.0	18.0	19.0	81.0	67.0	4.0	2.7	1.2	2.7	NW	NW	1.6	-	0.6	1.0	18.0	26.0
13	14.0	16.0	28.0	32.0	17.0	29.0	15.0	21.0	80.0	46.0	2.0	3.2	1.3	3.2	SW	NW	-	-	1.0	1.0	16.0	27.0
14	15.0	17.5	29.0	35.0	18.0	30.0	16.0	20.0	80.0	36.0	2.0	4.0	1.1	4.0	SW	SW	-	-	1.0	1.0	17.5	27.5
15	15.0	16.0	29.5	35.0	18.0	29.0	14.0	19.0	79.0	35.0	2.0	3.7	1.1	3.7	SW	SW	-	-	1.0	1.0	17.5	27.5
16	13.5	15.0	28.5	35.0	15.0	29.0	12.0	17.0	68.0	26.0	2.0	3.0	1.0	3.0	NW	NW	-	-	1.0	1.0	17.0	27.5
17	13.5	15.5	28.5	35.5	16.0	30.0	12.0	19.0	61.0	31.0	-	2.7	0.9	2.7	NW	NW	-	-	1.0	1.0	17.5	28.5
18	14.5	16.0	30.5	36.5	17.0	30.0	13.0	20.0	61.0	36.0	2.0	3.0	1.3	3.0	SW	SE	-	-	1.0	1.5	17.5	30.0
19	14.0	18.0	30.5	35.5	18.0	30.0	14.0	19.0	62.0	31.0	4.0	5.2	1.3	5.2	SW	SE	-	-	1.0	1.5	17.0	29.0
20	14.0	16.0	30.0	37.0	17.0	32.0	13.0	20.0	61.0	32.0	2.0	3.6	0.6	3.6	SW	SE	-	-	1.0	1.5	17.0	29.5
21	15.5	17.0	31.0	38.0	18.0	32.0	14.0	19.0	62.0	24.0	-	3.8	0.2	3.8	SW	SE	-	-	1.0	1.5	18.0	29.5
22	16.0	17.5	30.0	38.0	18.0	33.0	14.0	21.0	62.0	33.0	-	2.7	0.3	2.7	SW	SE	-	-	1.0	1.5	19.0	30.0
23	15.5	17.0	33.0	37.0	18.0	30.0	13.0	18.0	53.0	26.0	-	1.4	0.1	1.4	SW	SE	-	-	1.0	1.5	18.0	30.0
24	14.0	15.0	31.0	35.0	16.0	30.0	12.0	18.0	59.0	26.0	-	3.0	0.3	3.0	NE	NE	-	-	1.0	1.5	17.5	30.0
25	12.0	15.0	30.0	35.0	15.0	30.0	10.0	17.0	48.0	21.0	-	4.5	0.1	4.5	NW	NE	-	-	1.0	1.5	15.5	28.0
26	12.5	15.0	30.0	37.0	15.0	32.0	11.0	18.0	59.0	23.0	-	3.6	0.7	3.6	NE	NE	-	-	1.0	1.5	16.0	28.5
27	14.5	17.0	31.0	37.0	17.0	32.0	13.0	18.0	61.0	23.0	2.0	4.9	1.2	4.9	NE	NE	-	-	1.0	1.5	17.0	29.5
28	13.5		31.0		15.0		11.0		58.0		2.0	0.6	0.6		NE		-	-	1.0		16.0	
Total	383.5	433.0	818.0	971.5	451.0	821.0	361.0	527.0	1887.0	960.0	48.0	28.2	28.2	92.3			1.6	0.0	27.6	33.0	470.0	775.5
Average	13.7	15.5	29.2	34.7	16.1	29.3	12.9	18.8	67.4	34.3	1.7	0.8	1.0	3.3			0.1	0.0			16.8	27.7
	14.6		32.0		22.7		15.9		50.8		1.3	2.2					0.0		60.6		22.2	

* : One or more data missing 1DoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andhikhore
Sub-Division : Raipur
- 0.0 - N.A.

MARCH 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.5		38.0		32.0		18.0		23.0		2.0		3.4		NE				1.5		30.0
1	15.0	15.5	33.0	39.0	16.0	30.0	12.0	19.0	59.0	31.0	2.0	2.0	0.5	3.3	NE	SE	-	-	1.0	1.5	17.5	31.0
2	15.0	18.0	35.0	37.0	19.0	32.0	14.0	19.0	54.0	24.0	-	4.0	0.4	5.5	SE	SW	-	-	1.0	1.5	18.0	30.0
3	16.0	21.0	32.0	38.0	22.0	32.0	17.0	20.0	58.0	29.0	-	2.0	1.5	5.7	SW	SW	-	-	1.0	1.5	19.0	30.0
4	17.0	22.0	33.0	37.0	23.0	32.0	17.0	19.0	52.0	24.0	2.0	4.0	1.2	7.3	N	NW	-	-	1.0	1.5	20.0	30.0
5	17.0	21.0	32.0	38.0	20.0	32.0	16.0	20.0	64.0	29.0	2.0	4.0	1.9	3.7	SW	NW	-	-	1.0	1.5	20.0	32.0
6	16.0	20.0	32.0	36.0	21.0	30.0	20.0	18.0	91.0	26.0	-	2.0	1.1	4.2	SW	NW	-	-	1.0	1.5	19.0	31.0
7	16.0	19.0	31.0	35.0	21.0	29.0	14.0	19.0	42.0	35.0	2.0	4.0	1.7	3.8	SW	SW	-	-	1.0	1.5	17.0	28.0
8	21.0	19.0	29.0	34.5	22.0	30.0	18.0	22.0	66.0	47.0	2.0	4.0	2.0	4.9	SW	SW	-	-	1.0	1.5	21.0	30.0
9	21.0	22.0	30.0	38.0	23.0	32.0	20.0	20.0	75.0	29.0	2.0	4.0	1.5	4.7	SW	SW	-	-	1.0	1.5	22.0	31.0
10	19.5	22.0	31.0	34.5	22.0	30.0	16.0	20.0	50.0	36.0	2.0	6.0	2.6	10.0	SW	SW	-	-	1.0	1.5	21.0	30.0
11	18.5	20.5	30.0	35.0	21.0	30.0	16.0	17.0	57.0	21.0	4.0	6.0	2.1	5.5	SE	SE	-	-	1.0	1.5	22.0	29.0
12	17.0	20.0	29.0	35.0	20.0	30.0	16.0	16.0	57.0	16.0	2.0	4.0	1.7	5.7	SE	SE	-	-	1.0	1.5	19.0	29.0
13	14.0	16.5	29.0	35.0	18.0	29.0	13.0	16.0	45.0	19.0	2.0	2.0	1.2	4.4	SE	SE	-	-	1.0	1.5	18.0	28.5
14	14.5	18.0	29.0	36.0	18.0	30.0	12.0	17.0	45.0	21.0	4.0	2.0	1.7	4.5	SE	NE	-	-	1.0	1.5	17.0	30.0
15	14.5	19.0	29.5	37.5	19.0	29.0	13.0	17.0	46.0	24.0	2.0	4.0	0.8	4.7	NE	NE	-	-	1.0	1.5	18.0	30.0
16	15.0	19.0	30.0	38.5	19.0	32.0	13.0	18.0	46.0	20.0	2.0	4.0	0.7	3.9	NE	NE	-	-	1.0	1.5	18.0	32.0
17	18.0	21.0	31.0	38.0	21.0	32.0	14.0	20.0	42.0	29.0	2.0	4.0	1.4	6.8	SE	SW	-	-	1.0	1.5	20.0	28.5
18	18.0	21.0	32.5	40.0	21.0	32.0	15.0	18.0	50.0	20.0	4.0	4.0	0.9	4.9	SE	SE	-	-	1.0	2.0	20.0	32.0
19	19.5	22.0	31.5	39.0	23.0	32.0	16.0	19.0	46.0	24.0	2.0	6.0	3.0	6.4	W	SW	-	-	1.0	2.0	21.0	30.0
20	19.0	22.0	32.0	38.0	23.0	32.0	17.0	18.0	58.0	20.0	2.0	2.0	1.0	5.1	SW	SW	-	-	1.0	2.0	21.0	32.0
21	17.0	21.0	31.5	29.5	21.0	32.0	15.0	18.0	50.0	20.0	2.0	4.0	0.9	4.2	SW	SW	-	-	1.0	2.0	20.0	32.0
22	17.5	21.5	32.5	40.0	22.0	34.0	15.0	18.0	43.0	15.0	2.0	2.0	0.7	3.9	SW	SW	-	-	1.0	2.0	20.0	33.0
23	19.0	23.0	34.5	42.0	24.0	36.0	16.0	19.0	39.0	18.0	-	2.0	0.7	4.2	SW	SW	-	-	1.0	3.0	22.0	34.0
24	21.0	24.0	36.5	43.0	25.0	36.0	17.0	20.0	41.0	18.0	2.0	4.0	0.9	3.0	SW	SE	-	-	1.0	3.0	23.0	35.0
25	22.5	25.0	36.5	43.0	26.0	38.0	18.0	20.0	42.0	13.0	2.0	4.0	1.7	6.4	SE	SE	-	-	1.5	3.0	24.0	34.0
26	22.0	25.5	37.0	43.5	26.0	38.0	18.0	22.0	42.0	23.0	2.0	2.0	1.3	4.6	SE	SE	-	-	1.5	3.0	24.0	34.0
27	22.0	26.0	37.0	43.5	27.0	38.0	18.0	21.0	38.0	17.0	2.0	4.0	1.7	3.8	SE	SE	-	-	1.5	3.0	23.0	35.0
28	21.5	27.0	37.0	44.0	28.0	38.0	19.0	20.0	39.0	13.0	2.0	4.0	1.3	6.3	SE	SE	-	-	1.5	3.0	24.0	34.5
29	23.5	27.5	33.0	44.5	29.0	38.0	19.0	21.0	35.0	17.0	2.0	4.0	1.0	6.4	SE	NE	-	-	1.5	3.5	24.0	35.0
30	23.0	27.0	38.0	44.5	28.0	38.0	18.0	21.0	33.0	17.0	2.0	4.0	1.0	7.7	NE	NE	-	-	1.5	3.5	24.0	34.0
31	22.5		37.5		26.0		18.0		42.0		-		1.8		NE		-	-	1.5		23.0	
Total	573.0	661.5	1194.5	1012.5	694.0	1015.0	500.0	590.0	1547.0	718.0	58.0	110.0	41.5	158.8			0.0	0.0	34.5	62.0	639.5	974.5
Average	18.5	21.3	32.7	38.5	22.4	32.7	16.1	19.0	49.9	23.2	1.9	3.5	1.3	5.1			0.0	0.0			20.6	31.4
	19.9		35.6		27.6		17.6		36.5		2.7		3.2				0.0		96.5		26.0	

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		26.0		44.0		38.0		21.0		17.0		4.0		6.9		NE						
1	23.5	26.0	38.0	46.0	27.0	38.0	17.0	21.0	32.0	17.0	2.0	4.0	1.2	5.7	NW				1.5	3.5	24.0	34.0
2	26.0	30.0	39.0	46.0	30.0	38.0	22.0	21.0	47.0	17.0	2.0	4.0	1.6	4.9	SW				1.5	3.5	26.0	35.0
3	25.0	29.0	39.0	45.0	30.0	38.0	20.0	22.0	36.0	20.0	4.0	4.0	1.5	7.0	NW				1.5	3.5	26.0	35.0
4	27.0	30.0	39.0	44.0	30.0	38.0	22.0	22.0	36.0	20.0	2.0	4.0	0.9	9.4	NW				1.5	3.5	26.0	34.0
5	27.0	32.0	38.0	45.0	32.0	38.0	22.0	22.0	39.0	20.0	2.0	4.0	0.9	8.6	SW				1.5	3.5	27.0	35.0
6	26.0	36.0	39.0	45.0	34.0	40.0	25.0	20.0	46.0	10.0	2.0	4.0	1.3	7.1	SW				1.5	3.5	27.0	35.0
7	25.0	30.0	39.0	46.0	30.0	38.0	18.0	21.0	26.0	17.0	2.0	4.0	1.0	5.5	NW				1.5	3.5	26.0	36.0
8	24.0	28.5	38.5	45.0	30.0	38.0	18.0	21.0	26.0	17.0	2.0	4.0	1.9	6.2	NW				1.5	3.5	25.0	35.0
9	25.0	25.5	38.0	44.0	29.0	38.0	18.0	22.0	29.0	20.0	2.0	4.0	2.0	2.3	NW				1.5	3.5	26.0	34.5
10	23.0	27.0	37.5	42.0	27.0	36.0	16.0	18.0	26.0	10.0	4.0	4.0	1.5	8.6	NW				1.5	3.5	23.5	33.0
11	18.0	26.5	35.0	41.5	27.0	36.0	16.0	18.0	26.0	10.0	2.0	6.0	1.7	8.1	NW				1.5	3.5	23.5	32.0
12	19.0	27.0	36.0	43.0	28.0	38.0	17.0	19.0	32.0	10.0	4.0	4.0	0.8	8.4	NW				1.5	3.5	24.0	33.5
13	21.0	27.0	37.5	44.5	27.0	38.0	17.0	19.0	32.0	10.0	4.0	4.0	1.3	5.4	NW				1.5	4.0	23.0	34.0
14	22.5	27.0	38.0	45.0	27.0	38.0	17.0	20.0	32.0	13.0	2.0	2.0	1.1	3.5	NW				1.5	4.0	24.0	35.0
15	23.5	25.0	38.5	46.0	25.0	38.0	16.0	20.0	35.0	13.0	2.0	4.0	2.2	7.3	SW				1.5	4.0	24.0	35.0
16	24.0	29.0	39.0	45.0	29.0	40.0	18.0	20.0	29.0	10.0	2.0	4.0	1.8	7.2	NW				1.5	4.0	25.0	35.0
17	26.0	30.0	40.0	45.0	30.0	38.0	22.0	22.0	47.0	20.0	2.0	2.0	1.2	4.7	SW				1.5	4.0	26.0	37.0
18	25.0	30.5	40.0	45.5	29.0	38.0	18.0	22.0	29.0	20.0	2.0	2.0	1.3	4.8	NW				1.5	4.0	27.0	36.5
19	28.0	30.0	40.0	46.0	28.0	40.0	16.0	20.0	23.0	10.0	2.0	4.0	2.6	6.3	NW				1.5	4.0	26.0	36.0
20	25.0	31.0	42.0	47.0	32.0	40.0	22.0	20.0	39.0	10.0	4.0	4.0	1.1	9.7	NW				1.5	4.0	26.0	29.0
21	25.0	30.0	40.0	46.0	32.0	38.0	22.0	21.0	39.0	17.0	2.0	4.0	3.4	8.4	NW				1.5	4.0	26.0	35.0
22	28.0	32.0	40.0	47.0	32.0	40.0	22.0	20.0	39.0	10.0	2.0	4.0	3.3	9.7	NW				1.5	4.0	27.0	34.0
23	27.0	34.0	40.0	47.0	34.0	40.0	25.0	20.0	46.0	10.0	4.0	4.0	2.4	10.9	NW				1.5	4.0	27.0	35.0
24	25.0	30.0	39.0	44.0	30.0	38.0	20.0	22.0	36.0	20.0	2.0	4.0	1.6	10.4	NW				1.5	4.0	26.0	36.0
25	23.0	30.0	38.0	45.0	30.0	40.0	20.0	20.0	47.0	10.0	4.0	4.0	2.5	12.9	NW				1.5	4.0	24.0	34.0
26	25.0	32.0	39.0	44.0	32.0	38.0	22.0	22.0	39.0	20.0	4.0	4.0	1.2	9.7	NW				1.5	4.0	26.0	35.0
27	24.0	30.0	38.0	44.0	30.0	38.0	20.0	22.0	36.0	20.0	2.0	4.0	1.0	12.6	NW				1.5	4.0	25.0	34.0
28	23.0	28.0	38.0	46.0	30.0	40.0	18.0	20.0	26.0	10.0	2.0	4.0	0.9	4.6	NW				1.5	4.0	23.0	36.0
29	25.0	30.0	40.0	47.0	29.0	38.0	18.0	22.0	29.0	20.0	2.0	4.0	3.6	4.6	NW				1.5	4.0	25.0	35.0
30	27.0		39.0				16.0		23.0		2.0		2.2		SW				1.5		26.0	
Total	735.5	878.0	1162.0	1350.5	888.0	1152.0	587.0	620.0	1018.0	448.0	72.0	112.0	51.1	221.4			0.0	0.0	45.0	113.5	760.0	1036.5
Average	24.5	29.3	38.7	45.0	29.6	38.4	19.4	20.7	33.9	14.9	2.4	3.7	1.7	7.4			0.0	0.0			25.3	34.6
	26.9		41.9		34.0		20.0		24.4		3.1		4.5				0.0		158.5		29.9	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP60E5
Local River/Basin : Hamp

Station Name : Andharkhore
Sub-Division : Raipur
- 0.0 .. N.A.

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		32.0		47.0		38.0		20.0		13.0		4.0		10.0		NW				4.0		34.0
1	30.0	30.0	38.0	43.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	1.1	5.5	5.5	NW	NW	-	-	1.5	4.0	27.0	34.0
2	26.0	29.0	38.0	42.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	4.0	1.5	5.2	SE	NW	-	-	1.5	4.0	26.0	36.0
3	26.0	30.0	40.0	46.0	30.0	38.0	22.0	22.0	47.0	20.0	4.0	4.0	1.9	4.2	NW	NW	-	-	1.5	4.0	25.0	36.0
4	28.0	31.0	41.0	46.0	30.0	40.0	22.0	20.0	36.0	10.0	4.0	2.0	1.5	5.0	NW	NW	-	-	1.5	4.0	27.0	36.0
5	29.0	34.0	40.0	47.0	28.0	40.0	16.0	20.0	23.0	10.0	4.0	6.0	3.3	4.7	SW	SW	-	-	1.5	4.0	28.0	36.0
6	29.0	33.0	40.0	48.0	28.0	40.0	16.0	20.0	23.0	10.0	4.0	4.0	4.4	6.0	NE	SE	-	-	1.5	4.0	28.0	35.0
7	25.0	36.0	33.0	46.0	25.0	40.0	16.0	20.0	35.0	10.0	2.0	4.0	4.1	13.4	SW	NW	-	-	1.5	4.0	26.0	34.0
8	26.0	28.0	44.0	46.0	22.0	40.0	17.0	20.0	58.0	10.0	4.0	4.0	3.6	6.0	NW	NW	-	-	1.5	4.0	25.0	37.0
9	28.0	33.0	40.0	40.0	30.0	38.0	22.0	22.0	47.0	20.0	2.0	3.0	2.5	2.5	NW	NW	-	-	1.5	4.0	27.0	33.0
10	27.0	30.0	38.0	43.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	2.0	1.4	4.9	SE	NW	-	-	1.5	4.0	27.0	36.0
11	27.0	28.0	38.0	45.0	30.0	30.0	20.0	22.0	36.0	36.0	2.0	6.0	2.4	8.7	SW	NW	-	3.6	1.5	4.0	26.0	30.0
12	24.0	28.0	30.0	44.0	29.0	38.0	18.0	22.0	29.0	20.0	2.0	10.0	1.5	5.2	SW	NE	-	-	1.5	4.0	25.0	34.0
13	26.0	31.0	35.0	45.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	4.0	1.9	7.0	NW	SW	-	-	1.5	4.0	27.0	36.0
14	28.0	35.0	40.0	47.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	4.0	2.2	7.4	SW	NW	-	-	1.5	4.0	28.0	37.0
15	27.0	35.0	40.0	48.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	4.0	1.9	10.8	NW	NW	-	-	1.5	4.0	29.0	35.0
16	30.0	35.0	42.0	47.0	38.0	40.0	22.0	20.0	20.0	10.0	2.0	6.0	2.6	9.7	NW	NE	-	-	1.5	4.0	30.0	36.0
17	30.0	33.0	42.0	47.0	36.0	38.0	20.0	22.0	18.0	20.0	4.0	4.0	1.6	13.9	NW	NW	-	-	1.5	4.0	27.0	36.0
18	30.0	32.0	42.0	48.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	4.0	2.4	5.4	NW	NW	-	-	1.5	4.0	28.0	35.0
19	30.0	33.0	40.0	48.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	4.0	2.2	4.8	NE	NW	-	-	1.5	4.0	29.0	36.5
20	29.0	32.0	40.0	47.0	30.0	38.0	20.0	22.0	36.0	20.0	2.0	4.0	1.5	6.8	NE	NW	-	-	1.5	4.0	26.0	37.0
21	27.0	35.0	42.0	49.0	29.0	38.0	18.0	22.0	29.0	20.0	2.0	8.0	1.5	6.7	NW	NW	-	-	1.5	4.0	27.0	36.0
22	28.0	34.0	40.0	47.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	8.0	4.4	8.9	NW	NW	-	-	1.5	4.0	27.0	35.0
23	29.0	33.0	40.0	48.0	30.0	40.0	22.0	20.0	47.0	10.0	4.0	4.0	1.6	8.4	NW	NW	-	-	1.5	4.0	26.0	37.0
24	26.0	32.0	40.0	47.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	4.0	1.2	6.9	NW	NE	-	-	1.5	4.0	25.0	36.0
25	29.0	32.0	42.0	48.0	30.0	40.0	22.0	20.0	47.0	10.0	2.0	4.0	1.8	5.2	NE	NE	-	-	1.5	4.0	27.0	34.0
26	30.0	35.0	43.0	49.0	30.0	40.0	20.0	20.0	36.0	10.0	2.0	6.0	3.0	7.4	NE	NE	-	-	1.5	4.0	26.0	35.0
27	30.5	30.0	42.0	46.0	30.0	30.0	22.0	25.0	47.0	20.0	4.0	12.0	5.3	7.7	NE	NE	-	-	2.0	4.0	27.0	33.0
28	27.0	30.0	30.0	43.5	30.0	36.0	24.0	24.0	59.0	34.0	2.0	6.0	5.1	8.3	NE	NE	-	-	1.2	4.0	26.0	35.0
29	24.0	27.0	33.0	43.0	28.0	34.0	22.0	24.0	57.0	41.0	4.0	10.0	3.8	9.1	NE	NE	-	-	1.2	4.0	25.0	34.0
30	26.0	32.0	34.0	47.0	30.0	32.0	20.0	22.0	36.0	39.0	2.0	4.0	2.5	9.4	NE	NE	-	-	2.0	4.0	26.0	33.0
31	27.0	32.5	32.5	42.5	30.0	34.0	24.0	24.0	59.0	2.0	2.0	1.3	1.3		NE		-	-	2.0		28.0	
Total	858.5	988.0	1199.5	1427.5	923.0	1188.0	635.0	649.0	1240.0	493.0	80.0	154.0	77.5	225.2			0.0	3.6	47.4	124.0	831.0	1087.5
Average	27.7	31.9	38.7	46.0	29.8	38.3	20.5	20.9	40.0	15.9	2.6	5.0	2.5	7.3			0.0	0.1			26.8	35.1
	29.8		42.4		34.0		20.7		28.0		3.8		4.9				0.1		17.4		30.9	

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

JUNE 2016

JUNE 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		35.0		40.0		38.0		26.0		36.0		2.0		3.8		NW		-		4.0		..	
1	30.0	36.0	33.0	41.0	34.0	38.0	24.0	27.0	59.0	40.0	4.0	4.0	0.7	4.3	NE	NW	-	-	3.0	4.0	..	..	
2	32.0	37.0	33.0	44.0	32.0	40.0	24.0	27.0	49.0	34.0	8.0	4.0	3.1	4.5	NE	NW	-	-	3.0	4.0	..	..	
3	32.0	37.0	35.0	41.0	32.0	40.0	25.0	27.0	55.0	34.0	4.0	6.0	3.1	3.6	SE	SW	-	-	2.5	4.0	..	..	
4	31.0	37.0	33.0	43.0	31.0	36.0	25.0	27.0	60.0	48.0	6.0	8.0	4.7	5.1	NE	SE	1.6	-	3.0	4.0	..	..	
5	32.0	36.0	35.0	39.0	32.0	36.0	25.0	27.0	55.0	34.0	6.0	6.0	5.4	3.0	SE	NE	-	-	3.0	4.0	..	..	
6	31.0	37.0	34.0	42.0	30.0	38.0	24.0	28.0	60.0	48.0	6.0	2.0	4.4	3.6	SW	SE	-	-	3.0	4.0	..	..	
7	32.0	37.0	35.0	39.0	32.0	36.0	25.0	27.0	55.0	48.0	4.0	4.0	2.0	3.6	SE	NW	-	-	3.0	4.0	..	..	
8	30.0	34.0	33.0	39.0	32.0	36.0	24.0	27.0	59.0	45.0	2.0	2.0	4.5	4.9	SE	SE	-	-	3.0	4.0	..	..	
9	31.0	34.0	34.0	42.0	32.0	34.0	24.0	25.0	55.0	48.0	6.0	12.0	4.5	7.5	SW	SW	-	2.0	3.0	2.0	..	..	
10	30.0	35.0	33.0	42.0	30.0	38.0	23.0	26.0	55.0	48.0	6.0	6.0	2.2	7.9	SW	SW	-	-	3.0	4.0	..	..	
11	29.0	35.0	34.0	43.0	32.0	36.0	24.0	27.0	55.0	46.0	6.0	10.0	4.0	6.2	SW	NE	-	-	3.0	4.0	..	..	
12	31.0	35.0	34.0	43.0	32.0	38.0	25.0	28.0	53.0	36.0	6.0	6.0	4.0	5.8	SW	SW	-	2.8	3.0	1.2	..	..	
13	30.0	32.0	33.0	42.0	30.0	32.0	24.0	25.0	19.0	48.0	4.0	2.0	3.0	6.2	SW	SE	-	-	2.0	3.0	..	..	
14	28.0	36.0	32.0	40.0	30.0	36.0	23.0	26.0	55.0	45.0	8.0	4.0	3.7	4.8	SW	NE	23.6	-	3.6	3.0	..	..	
15	28.0	34.0	36.0	42.0	32.0	38.0	26.0	28.0	59.0	55.0	6.0	4.0	0.9	6.4	SW	NW	-	-	3.0	4.0	..	..	
16	29.0	35.0	33.0	41.0	30.0	36.0	24.0	27.0	53.0	43.0	2.0	6.0	2.0	5.1	SE	NE	-	-	3.0	4.0	..	..	
17	30.0	34.0	36.0	39.0	30.0	36.0	24.0	26.0	61.0	45.0	2.0	8.0	1.8	4.1	SW	NE	-	-	3.0	4.0	..	..	
18	29.0	34.0	34.0	38.0	28.0	32.0	23.0	26.0	59.0	48.0	2.0	2.0	2.6	3.1	NE	SE	2.0	-	1.0	2.0	..	..	
19	30.0	33.0	34.0	36.0	29.0	32.0	24.0	28.0	59.0	43.0	6.0	4.0	3.4	5.9	NE	SW	-	5.0	2.0	2.0	..	..	
20	28.0	32.0	32.0	37.0	28.0	34.0	22.0	25.0	64.0	49.0	6.0	2.0	2.1	4.1	SW	SW	3.2	-	1.2	3.0	..	..	
21	28.0	32.0	34.0	36.0	30.0	34.0	24.0	27.0	64.0	72.0	8.0	6.0	1.4	4.4	SW	SE	1.2	-	1.0	4.0	..	..	
22	28.0	32.0	33.0	39.0	30.0	36.0	25.0	28.0	57.0	46.0	4.0	2.0	0.7	5.6	SW	NW	-	-	3.0	4.0	..	..	
23	29.0	36.0	36.0	42.0	32.0	36.0	26.0	28.0	59.0	56.0	4.0	4.0	2.1	4.8	SW	NW	-	-	3.0	4.0	..	..	
24	28.0	33.0	33.0	35.0	27.0	30.0	24.0	27.0	65.0	53.0	6.0	6.0	2.7	4.2	SW	NW	20.8	-	0.8	2.0	..	..	
25	26.0	28.0	32.0	38.0	29.0	34.0	25.0	28.0	61.0	53.0	2.0	2.0	1.5	3.2	SE	SE	-	-	2.0	3.0	..	..	
26	27.0	30.0	36.0	38.0	30.0	32.0	26.0	28.0	77.0	78.0	2.0	6.0	1.0	3.5	NE	NE	3.4	0.4	0.4	2.0	..	..	
27	27.0	31.0	32.0	36.0	29.0	32.0	25.0	28.0	71.0	62.0	2.0	2.0	2.3	2.5	SE	SE	-	0.2	2.0	3.0	..	..	
28	26.0	30.0	32.0	34.0	28.0	32.0	25.0	27.0	59.0	73.0	6.0	8.0	1.5	6.7	SE	NE	21.4	-	2.4	2.0	..	..	
29	26.0	29.0	33.0	35.0	29.0	34.0	26.0	27.0	71.0	73.0	10.0	6.0	6.1	9.1	NE	NE	-	-	2.0	3.0	..	..	
30	28.0	34.0	34.0	34.0	30.0	30.0	26.0	26.0	59.0	8.0	8.0	5.2			NE		-	-	3.0		..	..	
Total	876.0	1016.0	1011.0	1186.0	912.0	1060.0	734.0	808.0	1742.0	1487.0	152.0	86.6	147.3				77.2	77.2	73.9	99.2	..*	..*	
Average	29.2	33.9	33.7	39.5	30.4	35.3	24.5	26.9	58.1	49.6	5.1	4.9	2.9	4.9			87.6				..*	..*	
	31.5		36.6		32.9		25.7		53.8		5.0		3.9						173.1		0.0*		

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	29.0	33.0	35.0	34.0	31.0	34.0	26.0	28.0	66.0	62.0	4.0	2.0	1.7	3.1	SE	NW	-	1.0	3.0	3.0	-	-
2	27.0	28.0	30.0	31.0	28.0	30.0	26.0	28.0	85.0	85.0	-	2.0	2.0	2.3	SW	SW	35.8	0.4	1.8	-	-	-
3	26.0	27.0	29.0	30.0	27.0	29.0	26.0	27.0	92.0	85.0	6.0	4.0	2.4	6.7	SW	SW	37.0	9.4	1.0	1.0	-	-
4	26.0	27.0	29.0	30.0	26.5	28.0	26.0	27.0	96.0	92.0	6.0	2.0	4.9	6.6	SW	NW	18.8	2.0	1.8	1.4	-	-
5	25.0	26.0	28.0	29.0	26.0	28.5	25.0	27.0	92.0	88.0	8.0	10.0	5.3	10.0	SW	SW	2.6	0.4	0.6	1.0	-	-
6	25.0	26.0	27.0	28.0	26.0	28.0	25.0	27.0	92.0	92.0	8.0	4.0	7.7	7.6	SE	SW	2.0	1.6	0.5	1.0	-	-
7	26.0	27.0	28.0	30.0	27.0	27.5	26.0	26.5	92.0	88.0	6.0	8.0	5.8	8.3	SE	NE	1.2	-	0.2	0.6	-	-
8	25.0	27.0	28.0	30.0	25.0	30.0	24.0	27.0	92.0	78.0	-	6.0	4.9	4.8	NE	SE	1.4	-	0.4	2.0	-	-
9	26.0	27.0	28.0	31.0	26.0	30.0	25.0	27.0	92.0	78.0	8.0	2.0	1.1	5.6	SW	SW	21.6	15.4	0.6	2.0	-	-
10	26.0	27.0	29.0	30.0	27.0	29.0	26.0	28.0	92.0	92.0	-	4.0	1.3	1.7	SW	SW	28.0	-	1.0	0.4	-	-
11	26.0	27.0	29.0	30.0	27.0	29.0	26.0	28.0	92.0	92.0	4.0	4.0	0.8	2.7	SW	SW	2.0	0.6	1.0	1.0	-	-
12	25.0	26.0	28.0	30.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	6.0	1.4	3.5	SW	NW	21.6	0.2	0.6	5.0	-	-
13	24.0	26.0	27.0	30.0	26.0	28.0	25.0	26.0	92.0	85.0	6.0	8.0	4.3	7.8	SW	SE	1.8	-	0.8	1.0	-	-
14	25.0	27.0	27.0	31.0	26.0	29.0	25.0	27.0	92.0	85.0	4.0	-	3.6	5.0	NW	SW	-	0.2	1.0	1.0	-	-
15	25.0	26.0	27.0	29.0	26.0	28.0	24.0	26.0	84.0	85.0	2.0	6.0	1.1	4.3	SW	SE	2.4	10.2	0.4	1.0	-	-
16	25.0	26.0	27.0	29.0	25.0	26.0	24.0	25.0	92.0	92.0	6.0	2.0	2.4	6.7	NW	NE	20.6	22.8	1.6	1.2	-	-
17	25.0	27.0	26.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	2.0	4.0	1.5	5.9	SW	NW	8.4	-	1.4	0.8	-	-
18	24.0	25.0	26.0	30.0	25.0	28.5	24.0	25.5	92.0	74.0	6.0	6.0	0.9	6.1	SW	SE	35.2	-	1.2	1.0	-	-
19	25.0	26.0	28.0	30.0	26.0	28.0	25.0	27.0	92.0	92.0	2.0	4.0	4.0	4.9	SW	SW	-	-	1.0	1.0	-	-
20	27.0	28.0	29.0	32.0	27.0	28.0	26.0	27.0	92.0	92.0	2.0	-	2.1	3.0	SE	SW	0.8	-	1.0	1.0	-	-
21	26.0	27.0	28.0	35.0	26.5	29.0	25.0	27.0	88.0	85.0	-	-	0.7	1.2	NW	SE	17.2	-	1.2	1.0	-	-
22	24.0	26.0	28.0	33.0	26.5	31.0	26.0	28.0	96.0	79.0	2.0	4.0	1.3	2.1	SW	SE	17.6	0.2	0.6	1.0	-	-
23	27.0	28.0	30.0	31.0	27.5	30.0	26.0	27.0	88.0	78.0	-	2.0	1.9	2.4	SE	NE	22.4	-	1.2	1.0	-	-
24	26.0	28.0	29.0	33.0	28.0	31.0	27.0	28.0	92.0	73.0	2.0	4.0	2.4	4.4	SW	SE	-	9.4	1.0	1.0	-	-
25	26.0	27.0	30.0	32.0	29.0	30.0	27.0	28.0	85.0	85.0	2.0	2.0	0.8	2.3	SSW	SE	-	2.8	1.0	1.0	-	-
26	25.0	26.0	28.0	31.0	26.0	29.0	25.0	27.0	92.0	85.0	2.0	2.0	1.1	5.1	SE	SW	0.8	0.2	-	0.8	-	-
27	25.5	26.0	29.0	32.0	26.5	32.0	25.5	27.0	88.0	61.0	4.0	4.0	1.8	3.8	NE	SE	2.0	-	1.0	1.0	-	-
28	25.5	27.0	29.0	32.0	26.5	30.0	26.0	27.0	96.0	78.0	4.0	4.0	1.3	3.6	SW	SE	3.2	0.4	1.0	2.0	-	-
29	26.0	27.0	30.0	33.0	27.0	30.0	26.0	28.0	92.0	85.0	2.0	-	0.1	3.3	SW	SE	-	-	1.0	1.0	-	-
30	25.5	28.0	29.0	33.0	27.0	30.0	26.0	28.0	92.0	85.0	2.0	-	0.4	2.0	SE	SW	4.0	-	1.0	1.0	-	-
31	24.0	29.0	29.0	26.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	1.6	-	SE	-	4.6	-	1.0	-	-	-
Total	792.5	840.0	884.0	969.0	826.0	908.5	788.5	838.0	2804.0	2571.0	104.0	112.0	72.6	143.6	-	-	313.0	313.0	30.9	40.2	-	-
Average	25.6	27.1	28.5	31.3	26.6	29.3	25.4	27.0	90.5	82.9	3.4	3.6	2.3	4.6	-	-	-	-	-	-	-	-
	26.3		29.9		28.0		26.2		86.7		3.5		3.5				390.2		71.1		0.0*	

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	26.0	28.0	29.0	31.0	29.0	30.0	27.0	28.0	85.0	92.0	2.0	2.0	1.7	1.8	SW	SW	-	-	1.0	1.0	-	-
2	26.0	27.0	29.0	30.0	28.0	29.0	27.0	28.0	92.0	92.0	-	-	1.2	0.8	SW	SW	-	-	1.0	0.5	-	-
3	25.0	26.0	28.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	2.0	2.0	1.3	3.5	SE	SW	9.0	2.0	0.4	0.5	-	-
4	25.0	27.0	27.0	29.0	26.0	28.0	25.0	27.0	92.0	92.0	4.0	6.0	1.4	2.8	NW	SW	1.4	16.6	0.6	0.6	-	-
5	25.0	26.0	27.0	31.0	26.0	27.0	25.5	26.0	96.0	92.0	-	4.0	1.9	2.6	SW	SW	25.6	3.2	0.5	0.2	-	-
6	25.0	26.5	26.5	27.5	26.0	27.0	25.0	26.0	92.0	92.0	2.0	4.0	1.3	4.3	SE	SW	6.0	-	1.0	0.5	-	-
7	25.0	25.0	26.5	27.5	25.0	26.0	24.0	24.5	92.0	80.0	6.0	2.0	5.0	8.3	NW	SW	10.4	-	1.2	1.0	-	-
8	25.5	26.0	26.5	30.0	26.0	28.0	24.5	26.0	84.0	85.0	6.0	4.0	3.6	6.9	SW	NW	4.2	-	1.0	1.0	-	-
9	24.0	25.0	27.0	29.0	25.5	28.0	25.5	26.5	88.0	74.0	6.0	6.0	2.4	5.5	SW	SSW	-	0.2	1.4	1.0	-	-
10	24.0	25.0	27.0	29.0	25.5	28.0	25.0	27.0	96.0	92.0	2.0	2.0	3.0	3.8	SW	SW	51.4	2.6	1.0	0.6	-	-
11	25.5	26.5	27.5	29.0	27.0	27.5	25.0	26.5	84.0	88.0	6.0	6.0	2.9	6.6	SW	NW	2.0	-	1.4	1.0	-	-
12	25.5	26.0	27.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	2.0	3.9	5.8	SSW	SW	4.4	-	1.0	1.0	-	-
13	25.5	26.0	27.5	30.0	27.0	29.0	26.0	27.0	92.0	85.0	6.0	8.0	3.9	5.8	NW	SW	-	-	1.0	1.0	-	-
14	26.0	28.0	30.0	31.0	30.0	32.0	27.0	28.0	78.0	73.0	8.0	4.0	5.0	5.1	SW	SW	0.6	-	1.0	1.0	-	-
15	26.0	27.0	29.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	6.0	6.0	5.0	5.7	SE	NW	-	-	1.0	1.0	-	-
16	25.0	27.0	28.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	4.0	8.0	4.4	6.2	SW	NW	-	1.2	1.0	0.5	-	-
17	23.0	23.5	27.0	27.5	23.5	26.5	23.0	25.5	96.0	88.0	8.0	4.0	4.4	5.9	SSW	NW	2.6	0.4	1.0	1.0	-	-
18	25.0	25.5	27.0	28.0	26.0	26.5	25.0	25.5	92.0	88.0	4.0	12.0	4.0	7.6	NW	SW	-	-	1.0	2.0	-	-
19	25.0	26.0	28.0	31.0	29.0	30.0	26.0	27.0	78.0	78.0	8.0	4.0	5.8	8.5	SW	SW	-	-	1.0	2.0	-	-
20	25.0	26.0	28.0	33.0	28.0	30.0	26.0	27.0	85.0	78.0	4.0	4.0	0.8	5.2	SW	SSW	-	-	1.0	2.0	-	-
21	24.0	29.0	28.0	32.0	26.0	30.0	25.0	27.0	92.0	78.0	2.0	4.0	2.8	5.3	NW	SW	-	1.2	1.0	0.2	-	-
22	25.0	26.5	29.0	30.0	26.0	26.5	25.0	26.0	96.0	96.0	2.0	0.7	3.6	3.6	NW	SW	-	2.2	0.8	0.5	-	-
23	25.0	26.0	26.5	31.0	26.0	29.0	25.5	27.0	96.0	85.0	-	2.0	1.3	4.0	SW	NW	1.8	-	0.6	1.5	-	-
24	25.0	26.0	27.0	33.0	25.5	30.0	25.0	28.0	96.0	85.0	4.0	2.0	0.6	1.9	NE	SW	1.6	-	1.0	1.5	-	-
25	26.0	27.0	29.0	33.0	27.0	29.0	26.0	27.0	92.0	78.0	-	4.0	24.0	2.2	SE	SW	-	-	0.5	1.0	-	-
26	25.5	27.0	29.0	32.0	27.0	30.0	26.0	27.0	92.0	78.0	-	2.0	0.8	4.7	SE	SE	0.4	-	1.0	1.5	-	-
27	26.0	27.5	29.0	32.0	27.0	30.0	26.0	27.5	92.0	78.0	6.0	2.0	2.1	4.0	NE	NE	2.2	-	1.0	1.5	-	-
28	27.0	28.0	30.0	32.0	28.0	30.0	26.0	27.5	85.0	75.0	6.0	2.0	2.8	3.9	NE	SE	-	-	1.0	1.5	-	-
29	27.0	30.0	30.0	36.0	29.0	32.0	27.0	28.0	85.0	73.0	2.0	2.0	0.4	1.6	SE	SE	-	-	1.0	1.5	-	-
30	26.0	27.0	28.0	29.0	28.0	30.0	26.0	28.0	85.0	85.0	2.0	2.0	0.6	1.9	NE	SE	-	-	1.0	1.5	-	-
31	24.0	-	28.0	-	27.0	-	26.0	-	92.0	-	2.0	-	2.7	-	SSW	-	38.0	-	2.0	-	-	-
Total	782.5	825.0	867.5	943.5	830.0	888.0	791.0	830.5	2789.0	2626.0	114.0	101.3	138.9	-	-	-	161.6	161.6	29.9	32.1	-	-
Average	25.2	26.6	28.0	30.4	26.8	28.6	25.5	26.8	90.0	84.7	3.7	3.7	3.3	4.5	-	-	215.8	-	62.0	-	0.0	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMMSD I,CWC,Raipur
- 0.0 .. N.A.

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	25.0	28.0	28.0	31.0	27.0	29.0	25.0	27.0	85.0	81.0	2.0	2.0	0.9	2.3	SSW	SE	9.8	19.4	0.8	1.0	1.0	1.0
2	25.0	26.0	27.0	30.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	2.0	1.6	4.9	SW	SW	0.4	1.0	1.0	1.4	1.4	1.4
3	25.0	27.0	26.0	30.0	27.0	28.0	26.0	27.0	92.0	88.0	2.0	6.0	2.4	2.8	SW	SE	6.4	3.2	1.0	1.0	1.0	1.0
4	25.0	27.0	27.0	29.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	4.0	2.0	2.0	NW	SW	7.4	0.2	0.4	0.5	0.5	0.5
5	25.0	26.0	27.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	4.0	2.0	1.0	2.4	NW	SW	0.8	0.2	0.5	1.0	1.0	1.0
6	25.0	28.0	27.5	31.5	26.5	27.5	25.0	26.0	88.0	88.0	2.0	2.0	1.4	2.5	SW	NW	1.6	0.2	0.6	1.0	1.0	1.0
7	25.0	26.0	27.0	28.0	26.0	28.0	24.0	27.0	84.0	92.0	4.0	2.2	2.9	2.9	NW	SW	0.2	1.0	1.0	1.0	1.0	1.0
8	25.5	27.0	27.0	32.0	29.0	29.0	25.0	27.0	88.0	81.0	2.0	1.1	2.1	2.1	SSW	NW	0.2	1.0	1.0	1.0	1.0	1.0
9	27.0	28.0	30.0	33.0	29.0	30.0	27.5	28.0	81.0	85.0	2.0	2.0	0.8	1.8	SW	NW	0.2	0.4	0.5	1.0	1.0	1.0
10	26.0	28.0	29.0	32.0	27.0	29.0	26.0	28.0	92.0	92.0	2.0	2.0	0.3	0.6	SW	SW	2.4	3.2	0.4	0.5	0.5	0.5
11	26.0	29.0	29.0	31.0	27.0	28.0	26.0	27.0	92.0	88.0	2.0	2.0	0.4	1.1	SE	NW	0.4	1.0	0.5	0.8	0.8	0.8
12	26.0	27.0	29.0	34.0	28.0	29.0	27.0	28.0	92.0	92.0	2.0	2.0	0.6	2.6	SE	SW	9.6	0.2	1.0	1.0	1.0	1.0
13	25.0	28.0	27.0	33.0	28.0	30.0	26.0	28.0	92.0	75.0	6.0	2.0	0.6	4.5	NE	SE	0.4	1.0	1.0	1.0	1.0	1.0
14	25.0	27.0	28.0	32.5	27.0	28.0	26.0	26.0	92.0	81.0	6.0	1.7	3.7	3.7	NE	SSW	17.6	0.2	1.0	1.0	1.0	1.0
15	25.5	27.5	28.5	32.0	27.0	30.0	26.0	27.0	88.0	78.0	6.0	4.0	1.9	5.0	NE	NE	0.2	1.0	1.5	1.5	1.5	1.5
16	25.5	28.0	29.0	33.0	28.0	30.5	26.0	27.5	85.0	75.0	6.0	2.0	2.6	4.3	NE	SE	0.2	1.0	1.5	1.5	1.5	1.5
17	26.0	30.0	29.0	34.0	28.0	32.0	27.0	28.0	92.0	73.0	4.0	2.0	0.3	3.3	NE	SE	0.2	1.0	2.0	2.0	2.0	2.0
18	26.5	30.5	34.0	35.0	32.0	32.0	29.0	28.0	79.0	73.0	4.0	2.0	0.5	1.9	SE	SE	0.2	0.5	1.0	1.0	1.0	1.0
19	25.0	27.0	30.0	34.0	27.0	29.0	26.0	27.0	88.0	81.0	2.0	2.0	0.9	1.5	NE	SW	0.6	1.0	1.0	1.0	1.0	1.0
20	25.5	26.5	29.0	34.0	28.0	30.0	26.0	28.0	81.0	85.0	2.0	2.0	0.4	1.5	NE	SE	0.2	1.0	1.0	1.0	1.0	1.0
21	26.0	29.5	30.0	33.0	29.0	30.0	26.0	27.0	85.0	82.0	6.0	4.0	2.2	4.8	NE	NE	0.4	1.0	1.0	1.0	1.0	1.0
22	25.5	28.5	31.0	34.0	29.0	30.0	26.0	27.0	71.0	78.0	8.0	10.0	3.2	5.8	NE	SE	0.2	1.0	1.0	1.0	1.0	1.0
23	25.0	27.0	27.5	35.0	26.0	30.0	25.0	27.0	96.0	78.0	4.0	4.0	3.4	5.5	NNE	NE	0.2	1.0	1.0	1.0	1.0	1.0
24	25.5	27.0	29.0	32.0	27.0	30.0	26.0	27.0	81.0	78.0	4.0	4.0	3.1	5.0	NE	SW	0.2	1.0	1.0	1.0	1.0	1.0
25	25.5	28.0	28.0	32.0	27.0	28.0	25.0	27.0	88.0	88.0	6.0	8.0	2.7	4.7	NE	NE	6.4	0.4	1.4	1.0	1.0	1.0
26	24.0	26.0	28.0	32.0	26.0	29.0	26.0	26.5	92.0	85.0	2.0	1.7	3.2	3.2	SE	SE	19.4	0.4	2.0	1.0	1.0	1.0
27	24.5	26.5	29.0	32.0	27.0	28.0	25.0	26.0	92.0	81.0	2.0	4.0	0.8	3.2	NE	SW	53.2	0.2	1.6	1.0	1.0	1.0
28	24.0	25.0	28.0	32.0	25.0	28.0	25.0	26.0	96.0	85.0	2.0	1.1	1.0	1.0	SE	SE	35.6	0.2	1.2	1.0	1.0	1.0
29	24.0	26.0	28.0	30.0	26.0	27.0	25.0	26.0	92.0	92.0	6.0	1.5	5.4	5.4	NE	NE	29.2	0.2	1.0	1.0	1.0	1.0
30	24.0	27.0	27.0	30.0	26.0	27.0	25.5	26.0	88.0	88.0	2.0	1.2	1.2	1.2	SW	SW	2.4	1.0	1.0	1.0	1.0	1.0
Total	757.5	823.0	854.5	962.0	816.5	868.0	773.0	808.0	2516.0	2516.0	106.0	64.0	44.4	94.0			203.0	203.0	28.4	30.2	30.2	30.2
Average	25.3	27.4	28.5	32.1	27.2	28.9	25.8	26.9	88.4	83.9	3.5	2.1	1.5	3.1			232.6	232.6	58.6	58.6	58.6	58.6
	26.3	30.3	28.1	30.3	28.1	28.1	26.4	26.4	86.1	86.1	2.8	2.3	2.3	2.3							0.0	0.0

* : One or more data missing LDoPM : Last day of previous month

Twice-Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

OCTOBER 2016																						
	Min Temperature (°c)		Max Temperature (°c)		Dry Bulb Temp. (°c)		Wet Bulb Temp. °c		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°c)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		27.0		30.0		27.0		27.0		78.0		4.0		5.6		SW				1.0		
1	26.0	28.5	30.0	32.0	28.0	29.0	26.0	26.5	85.0	81.0	8.0	2.0	3.5	6.0	NE	NE	-	-	1.0	1.0	1.0	1.0
2	25.0	27.0	29.0	31.5	28.0	29.0	26.0	27.0	85.0	85.0	2.0	-	2.6	3.2	NE	SE	-	-	1.0	1.0	1.0	1.0
3	25.5	29.0	29.0	34.0	28.0	29.0	26.0	27.0	85.0	85.0	2.0	2.0	0.3	1.5	SW	SW	-	-	1.0	1.0	1.0	1.0
4	25.0	29.0	29.0	34.0	28.0	29.0	27.0	28.0	92.0	92.0	4.0	2.0	0.3	4.7	SW	SW	-	-	1.0	1.0	1.0	1.0
5	25.0	27.0	29.0	34.0	28.0	30.0	27.0	28.0	92.0	85.0	-	-	0.2	2.5	SE	SW	-	2.2	1.0	1.0	1.0	1.0
6	26.0	27.0	30.0	33.5	29.0	30.0	27.0	27.5	85.0	75.0	-	2.0	0.2	1.7	SE	SW	-	9.4	1.0	1.0	1.0	1.0
7	25.0	26.0	28.0	33.0	27.0	27.5	26.0	26.5	92.0	96.0	-	-	0.3	1.6	SW	SW	-	6.0	1.0	1.0	1.0	1.0
8	25.0	26.0	26.0	31.0	25.0	26.5	24.0	26.0	92.0	96.0	-	-	0.1	0.6	SE	NW	-	-	1.0	1.0	1.0	-
9	25.0	26.0	27.0	33.0	25.5	29.5	25.0	27.0	96.0	81.0	2.0	2.0	0.0	1.7	NE	SE	-	2.4	1.0	1.0	1.0	1.0
10	26.0	30.0	29.0	36.0	28.0	30.0	27.0	28.0	92.0	85.0	2.0	2.0	0.2	1.3	NE	NW	-	-	1.0	1.0	1.0	1.0
11	22.0	26.0	27.0	36.0	26.5	30.0	25.5	27.0	88.0	78.0	2.0	2.0	0.1	1.0	SW	SW	-	-	1.0	1.0	1.0	1.0
12	21.0	27.0	27.0	34.0	26.5	30.0	25.0	27.0	88.0	78.0	-	2.0	0.2	0.1	SW	SW	-	-	1.0	1.0	1.0	1.0
13	20.5	26.0	28.0	34.0	28.0	30.0	26.0	27.0	85.0	78.0	2.0	2.0	0.3	2.1	SE	SW	-	-	1.0	1.0	1.0	1.0
14	20.5	23.0	27.0	35.0	27.0	30.0	25.0	26.0	84.0	72.0	2.0	-	0.1	1.0	SW	SW	-	-	1.0	1.0	1.0	1.0
15	19.0	26.0	29.0	36.0	28.0	29.0	26.0	27.0	85.0	85.0	2.0	2.0	0.3	1.3	SSW	SSE	-	-	1.0	1.0	1.0	1.0
16	17.0	25.0	29.0	36.0	25.0	29.0	23.0	25.0	84.0	71.0	2.0	-	0.2	1.1	SW	SW	-	-	1.0	1.0	1.0	1.0
17	26.0	27.0	30.0	35.0	25.0	30.0	23.0	26.0	84.0	72.0	2.0	-	0.1	1.1	NE	SW	-	-	1.0	1.0	1.0	1.0
18	20.0	26.0	30.0	35.0	26.0	29.0	24.0	27.0	84.0	85.0	-	-	0.0	1.0	NW	SW	-	-	1.0	1.0	1.0	1.0
19	17.0	23.0	30.0	34.0	25.0	29.0	21.0	22.0	68.0	62.0	2.0	-	0.2	1.3	SE	SW	-	-	1.0	1.0	1.0	1.0
20	17.0	24.0	30.0	33.0	25.0	28.5	21.5	24.0	65.0	67.0	-	-	0.1	1.4	SE	SW	-	-	1.0	1.0	1.0	1.0
21	18.0	21.0	29.0	33.0	25.0	29.0	23.0	24.0	84.0	64.0	-	-	0.0	0.9	SE	SW	-	-	1.0	1.0	1.0	1.0
22	19.0	21.0	30.0	34.0	23.0	29.0	22.0	23.5	91.0	55.0	-	-	0.1	1.1	SE	SW	-	-	1.0	1.0	1.0	1.0
23	17.0	24.0	31.0	35.0	24.0	29.0	22.0	25.0	83.0	71.0	2.0	-	0.4	1.0	NW	SW	-	-	1.0	1.0	1.0	1.0
24	17.0	23.0	30.0	35.0	23.0	30.0	21.5	25.0	79.0	65.0	2.0	-	0.3	1.1	SE	SW	-	-	1.0	1.0	1.0	1.0
25	17.0	22.0	31.0	34.0	23.5	28.0	20.5	24.0	71.0	70.0	2.0	-	0.1	0.8	SE	SW	-	-	1.0	1.0	1.0	1.0
26	17.0	19.0	31.0	33.0	23.0	28.5	21.0	23.0	82.0	60.0	2.0	-	0.2	1.5	NW	SW	-	-	1.0	1.0	1.0	1.0
27	16.5	23.0	30.0	33.0	24.0	28.0	21.0	24.0	75.0	70.0	2.0	-	0.1	2.5	NE	SW	-	-	1.0	1.0	1.0	1.0
28	18.0	20.5	29.0	31.5	23.0	28.0	21.0	25.0	82.0	77.0	-	-	0.1	2.8	SE	SW	-	-	1.0	1.0	1.0	1.0
29	20.0	24.0	29.0	32.0	25.0	28.0	23.0	24.0	84.0	70.0	2.0	-	0.1	2.9	NE	SW	-	-	1.0	1.0	1.0	1.0
30	19.0	23.5	29.0	32.0	24.5	28.0	22.5	23.5	79.0	64.0	-	-	0.0	2.5	NW	SW	-	-	1.0	1.0	1.0	1.0
31	19.0	23.5	29.0	32.0	24.5	28.0	22.5	23.5	79.0	64.0	-	-	0.0	2.5	NW	SW	-	-	1.0	1.0	1.0	1.0
Total	632.0*	776.5	872.0*	1043.5	774.5*	899.5	718.5*	797.5	2521.0*	2353.0	46.0*	24.0	10.8*	58.7			-	0.0*	30.0*	31.0	30.0*	29.0*
Average	21.1*	25.0	29.1*	33.7	25.8*	29.0	24.0*	25.7	84.0*	75.9	1.5*	0.8	0.4*	1.9			-	0.0*	30.0*	31.0	30.0*	29.0*
	23.1*		31.4*		27.4*		24.8*		80.0*		1.2*		1.1*				20.0*	61.0*		1.0*	1.0*	1.0*

* : One or more data missing LDoPM : last day of previous month

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

NOVEMBER 2016																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	18.0	28.0	29.0	32.0	25.0	28.0	22.0	23.0	76.0	64.0	-	-	0.1	1.6	NW	SSW	-	-	1.0	1.0	-	-
2	18.0	28.0	29.0	31.0	24.0	27.0	22.0	23.0	83.0	70.0	2.0	-	0.0	2.5	NE	SW	-	-	1.0	1.0	-	-
3	19.0	23.0	30.0	32.0	24.5	28.5	22.5	24.5	79.0	67.0	2.0	-	0.0	3.6	NW	SE	-	-	1.0	1.0	-	-
4	20.0	24.0	29.0	31.0	26.0	29.0	23.0	25.0	71.0	71.0	2.0	-	-	0.1	3.3	NE	SW	-	-	1.0	1.0	
5	21.0	23.5	30.0	33.0	24.0	28.0	22.0	24.0	83.0	70.0	2.0	-	0.0	1.8	SW	SSW	-	-	1.0	1.0	-	-
6	19.0	23.5	29.0	33.0	25.5	26.0	21.5	22.0	65.0	69.0	2.0	-	0.1	1.3	NE	SW	-	-	1.0	1.0	-	-
7	19.0	23.0	29.0	32.0	21.0	23.0	19.0	20.0	82.0	75.0	2.0	-	0.2	1.2	NE	SW	-	-	1.0	1.0	-	-
8	18.0	20.0	29.0	31.0	20.0	26.5	19.0	20.5	91.0	52.0	2.0	-	0.4	1.0	SW	SW	-	-	1.0	1.0	-	-
9	13.0	19.0	26.0	31.5	21.0	23.0	17.0	19.5	65.0	63.0	2.0	-	0.2	0.9	NE	SW	-	-	1.0	1.0	-	-
10	12.0	18.0	26.0	30.0	20.0	26.0	17.0	21.5	73.0	59.0	2.0	-	0.1	0.9	SE	SSW	-	-	1.0	1.0	-	-
11	14.0	19.0	28.0	31.0	20.0	26.0	18.0	20.0	81.0	55.0	2.0	-	0.1	1.6	NW	SE	-	-	1.0	1.0	-	-
12	15.0	19.5	27.0	30.0	19.5	25.5	17.5	21.5	76.0	65.0	2.0	-	0.1	1.0	SE	SSW	-	-	1.0	1.0	-	-
13	16.0	19.0	27.0	31.0	20.0	26.0	19.0	22.0	91.0	69.0	2.0	-	0.0	1.6	SW	SW	-	-	1.0	1.0	-	-
14	16.5	20.5	28.0	32.0	21.0	27.0	19.5	22.0	78.0	63.0	2.0	-	0.0	1.0	SE	SW	-	-	1.0	1.0	-	-
15	17.0	21.0	29.0	32.0	21.5	27.0	18.5	23.0	69.0	70.0	2.0	-	0.0	1.9	NE	NW	-	-	1.0	1.0	-	-
16	14.0	19.0	27.0	31.0	21.0	26.0	17.0	21.0	65.0	62.0	2.0	-	0.1	2.3	SW	SSW	-	-	1.0	1.0	-	-
17	14.0	19.0	28.0	31.0	21.0	26.5	18.0	20.5	73.0	52.0	2.0	-	0.1	1.1	NE	SE	-	-	1.0	1.0	-	-
18	14.0	19.0	28.0	31.0	19.5	26.0	16.5	20.0	67.0	55.0	2.0	-	0.1	1.1	NW	SW	-	-	1.0	1.0	-	-
19	12.0	17.5	26.0	32.0	18.0	26.0	16.0	20.0	80.0	55.0	2.0	-	0.1	1.2	SSW	SW	-	-	1.0	1.0	-	-
20	12.0	18.0	27.0	33.0	19.0	26.5	12.0	20.5	38.0	52.0	2.0	-	0.0	1.0	NW	SE	-	-	1.0	1.0	-	-
21	14.0	18.0	28.0	32.5	20.0	26.5	18.0	20.5	81.0	52.0	2.0	-	0.2	1.3	SW	SW	-	-	1.0	1.0	-	-
22	11.5	20.0	27.0	32.0	21.0	27.0	17.0	21.0	65.0	56.0	2.0	-	0.1	1.1	SE	SW	-	-	1.0	1.0	-	-
23	11.5	21.0	28.0	32.0	21.0	26.0	18.0	20.0	73.0	55.0	2.0	-	0.1	1.0	SE	SW	-	-	1.0	1.0	-	-
24	12.0	19.0	29.0	33.0	21.0	27.0	18.0	21.0	73.0	56.0	2.0	-	0.3	1.2	NW	SW	-	-	1.0	1.0	-	-
25	11.0	18.0	29.0	33.0	20.0	25.5	17.0	19.0	73.0	51.0	2.0	-	0.2	1.2	SE	SW	-	-	1.0	1.0	-	-
26	12.0	18.0	28.0	33.0	19.0	26.5	17.0	20.0	81.0	82.0	2.0	-	0.2	1.9	NE	SW	-	-	1.0	1.0	-	-
27	12.0	17.5	29.0	34.0	18.0	27.0	16.0	21.0	80.0	56.0	2.0	-	0.3	1.8	SW	SW	-	-	1.0	1.0	-	-
28	12.0	19.0	30.0	33.0	20.0	26.0	18.0	22.0	81.0	69.0	2.0	-	0.2	1.2	SE	SW	-	-	1.0	1.0	-	-
29	12.0	19.0	28.0	32.0	19.0	27.0	17.0	21.0	81.0	56.0	-	-	0.1	1.4	SW	SW	-	-	1.0	1.0	-	-
30	12.0	-	29.0	-	19.5	-	17.5	-	76.0	-	-	-	0.1	-	SW	-	-	-	1.0	-	-	-
Total	441.5	591.0*	846.0	925.0*	630.0	766.0*	550.5	619.0*	2250.0	1791.0*	54.0	-	3.8	43.9*	-	-	-	-	30.0	29.0*	-	-
Average	14.7	20.4*	28.2	31.9*	21.0	26.4*	18.4	21.3*	75.0	61.8*	1.8	-	0.1	1.5*	-	-	0.0*	-	59.0*	-	-	0.0*

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* : One or more data missing LDopM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

DECEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	13.5	18.0	28.0	29.0	18.5	25.0	16.5	21.0	76.0	68.0	-	-	0.0	2.8	SE	SW	-	-	1.0	1.0	-	-
2	15.0	18.0	26.0	30.0	19.0	26.0	17.0	21.0	81.0	62.0	-	-	-	2.7	SSW	SSW	-	-	1.0	1.0	-	-
3	15.5	19.0	27.5	30.0	18.5	27.0	17.5	21.0	85.0	56.0	-	-	-	2.6	SSW	NE	-	-	1.0	1.0	-	-
4	16.0	19.5	29.0	31.0	21.0	26.0	19.0	21.0	82.0	62.0	-	-	0.0	1.6	SW	SSW	-	-	1.0	1.0	-	-
5	15.0	18.5	27.5	30.0	19.0	26.0	18.0	21.0	90.0	62.0	-	-	0.1	1.3	SW	SE	-	-	1.0	1.0	-	-
6	13.5	17.0	27.0	30.0	17.0	26.0	11.5	21.0	39.0	62.0	-	-	0.1	2.0	SW	SSW	-	-	1.0	1.0	-	-
7	13.0	18.0	28.0	30.0	19.0	25.5	16.0	20.0	72.0	58.0	-	-	0.0	1.4	SSW	SW	-	-	1.0	1.0	-	-
8	13.0	17.0	27.0	29.0	17.5	26.0	11.5	21.0	39.0	62.0	-	-	0.1	1.4	SE	SW	-	-	1.0	1.0	-	-
9	13.0	16.5	27.0	30.0	17.0	25.5	15.0	18.5	80.0	44.0	2.0	-	0.2	1.5	NE	NE	-	-	1.0	1.0	-	-
10	12.0	17.5	27.5	30.0	17.0	25.5	15.5	20.5	75.0	58.0	-	-	0.2	1.7	SW	SW	-	-	1.0	1.0	-	-
11	12.0	16.0	27.0	32.0	17.0	27.0	15.0	19.0	80.0	44.0	-	-	0.1	2.6	NE	NE	-	-	1.0	1.0	-	-
12	12.0	15.0	26.0	32.0	17.0	27.0	14.0	19.0	70.0	44.0	-	-	0.3	1.9	SW	NE	-	-	1.0	1.0	-	-
13	12.5	19.0	27.0	31.0	20.0	26.0	12.0	19.0	32.0	50.0	-	-	0.0	1.6	SSW	NE	-	-	1.0	1.0	-	-
14	12.0	18.0	28.0	31.0	19.0	26.0	15.0	18.0	63.0	42.0	-	-	0.2	2.2	SW	NE	-	-	1.0	1.0	-	-
15	12.5	18.0	28.0	31.0	18.0	26.0	16.0	19.5	80.0	45.0	2.0	-	0.2	1.4	NE	SW	-	-	1.0	1.0	-	-
16	11.5	17.0	27.0	30.0	17.5	26.0	15.0	19.0	75.0	49.0	-	-	0.1	1.5	SW	SW	-	-	1.0	1.0	-	-
17	10.0	15.0	27.0	30.0	17.0	24.5	14.5	17.5	65.0	43.0	-	-	-	1.6	SW	SW	-	-	1.0	1.0	-	-
18	9.0	14.0	26.0	29.0	14.0	24.0	12.0	17.0	78.0	46.0	2.0	-	0.2	1.6	SW	SSW	-	-	0.5	0.5	-	-
19	9.0	15.0	26.0	30.0	16.0	25.0	12.0	17.0	59.0	41.0	2.0	-	0.1	1.7	NE	SW	-	-	0.5	1.0	-	-
20	8.5	15.0	26.5	30.0	15.0	25.0	13.0	18.0	78.0	47.0	-	-	0.0	1.6	SW	SW	-	-	1.0	1.0	-	-
21	9.0	16.0	27.0	30.0	16.0	27.5	13.0	19.5	68.0	47.0	2.0	-	0.0	1.6	SSW	SW	-	-	1.0	1.0	-	-
22	10.0	18.0	28.0	29.0	15.0	26.0	12.5	18.0	63.0	42.0	2.0	-	0.1	2.1	SW	SW	-	-	1.0	1.0	-	-
23	9.0	16.0	27.0	29.0	15.0	25.0	12.0	18.0	68.0	47.0	2.0	-	0.1	1.0	SE	SW	-	-	1.0	1.0	-	-
24	10.0	14.0	28.0	29.0	15.0	24.5	13.0	19.5	78.0	57.0	2.0	-	0.0	1.0	SE	SW	-	-	1.0	1.0	-	-
25	11.0	14.0	27.0	29.0	15.0	26.0	14.0	19.0	89.0	49.0	-	-	-	1.1	SSW	SW	-	-	1.0	1.0	-	-
26	13.0	18.0	28.0	31.0	19.0	25.0	17.0	17.0	81.0	41.0	2.0	-	0.0	1.4	SE	SW	-	-	1.0	1.0	-	-
27	10.0	14.0	27.0	30.0	14.5	24.0	12.0	17.0	72.0	46.0	2.0	2.0	0.1	3.5	SW	SE	-	-	1.0	1.0	-	-
28	11.0	15.0	26.0	29.0	16.0	25.0	14.0	19.0	79.0	54.0	2.0	-	0.1	1.1	NE	SW	-	-	1.0	1.0	-	-
29	10.5	15.0	27.5	31.0	16.0	27.0	14.0	18.0	79.0	38.0	-	-	0.0	1.2	SW	SW	-	-	1.0	1.0	-	-
30	10.5	14.0	28.0	31.0	15.5	26.5	13.5	19.5	73.0	45.0	2.0	-	0.1	1.0	SW	SSW	-	-	1.0	1.0	-	-
31	11.5	-	28.5	-	16.0	-	14.0	-	79.0	-	-	-	0.0	-	SW	-	-	-	1.0	-	-	-
Total	364.0	513.0	845.0	935.0	527.0	796.5	445.0	592.5	2228.0	1565.0	24.0	2.0	2.1	53.2			-	-	30.0	30.5	-	-
Average	11.7	16.5	27.3	30.2	17.0	25.7	14.4	19.1	71.9	50.5	0.8	0.1	0.1	1.7			0.0	0.0	60.5		0.0	0.0

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* : One or more data missing [DoPM : last day of previous month]

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

JANUARY 2017

JANUARY 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	15.0	30.0	26.0	20.0	55.0	55.0	-	1.6	-	SW	-	-	-	1.0	-	SW	-	-	-	1.0	-	-
1	12.0	16.0	28.0	31.0	18.0	26.0	16.0	20.0	80.0	55.0	2.0	0.0	1.8	SE	SW	-	-	-	1.0	1.0	-	-
2	15.0	17.0	28.0	29.0	18.0	25.0	16.0	20.5	80.0	58.0	-	0.1	2.5	SSW	SW	-	-	-	1.0	1.0	-	-
3	14.0	21.0	27.0	28.0	20.0	23.5	17.0	19.5	73.0	63.0	2.0	0.9	2.4	NE	SW	1.2	-	-	0.5	1.0	-	-
4	12.0	16.0	25.0	27.0	16.0	26.0	15.0	20.0	89.0	55.0	-	0.2	1.6	NW	SW	-	-	-	1.0	1.0	15.5	23.0
5	11.0	16.0	27.0	28.0	16.5	24.0	14.5	18.0	74.0	53.0	2.0	0.1	1.4	NE	SW	-	-	-	1.0	1.0	14.5	24.0
6	10.5	15.0	26.0	29.0	16.0	26.0	14.5	19.0	74.0	49.0	-	0.0	1.8	SE	SW	-	-	-	1.0	1.0	14.5	24.0
7	11.0	17.0	27.0	29.0	18.0	25.0	16.0	20.0	80.0	61.0	2.0	0.1	1.6	SE	SW	-	-	-	1.0	1.0	15.0	24.0
8	12.0	17.0	27.0	29.0	17.0	26.0	15.0	19.5	80.0	45.0	2.0	0.2	2.3	NW	SW	-	-	-	1.0	1.0	16.0	25.0
9	13.0	18.0	27.0	29.0	17.0	25.0	12.0	17.0	52.0	41.0	2.0	0.1	1.8	SE	SW	-	-	-	1.0	1.0	16.0	25.0
10	12.0	18.5	27.0	29.0	17.0	23.0	14.0	18.0	70.0	59.0	-	0.4	1.2	SW	SE	0.2	-	-	1.0	0.5	17.0	23.0
11	14.0	15.5	24.0	26.0	15.0	20.5	13.0	16.5	78.0	60.0	2.0	0.3	2.1	NE	SW	3.6	-	-	0.5	0.5	16.5	23.0
12	11.5	14.5	22.0	26.0	15.0	20.0	11.5	14.0	53.0	48.0	2.0	2.0	0.3	2.1	SE	SW	-	-	0.5	0.5	14.5	22.0
13	8.0	13.5	22.0	27.0	16.0	21.5	12.0	16.0	59.0	53.0	2.0	0.1	1.8	SW	SW	-	-	-	0.5	0.5	12.5	22.0
14	8.0	14.0	22.0	27.0	16.0	21.5	11.5	15.0	42.0	45.0	2.0	0.1	2.2	SE	SW	-	-	-	0.5	1.0	12.0	22.0
15	8.0	14.0	24.0	29.0	16.0	23.5	13.0	18.0	69.0	55.0	2.0	0.1	1.3	NE	SW	-	-	-	1.0	1.0	12.5	23.0
16	9.0	14.5	26.0	30.0	15.0	25.0	13.0	18.0	78.0	47.0	-	0.1	1.5	SE	SW	-	-	-	1.0	1.0	13.0	23.5
17	12.0	15.0	27.0	31.0	16.0	26.0	15.0	20.0	89.0	55.0	2.0	0.1	1.9	SE	SW	-	-	-	1.0	1.0	15.0	25.0
18	13.5	18.0	27.5	31.0	19.0	25.5	17.0	20.0	81.0	58.0	2.0	0.1	1.8	SW	SW	-	-	-	1.0	1.0	14.5	25.5
19	14.5	18.5	28.0	31.0	19.5	26.0	17.5	20.0	76.0	55.0	2.0	0.0	3.1	SW	NE	-	-	-	1.0	1.0	18.0	26.0
20	14.5	21.0	30.0	31.0	22.0	25.5	19.0	20.0	74.0	58.0	2.0	0.1	2.2	NE	SE	-	-	-	1.0	1.0	17.0	26.0
21	14.5	17.5	27.5	32.0	19.0	26.5	17.0	20.0	81.0	52.0	-	0.0	2.4	SW	SW	-	-	-	1.0	1.0	17.0	26.5
22	14.0	17.0	29.0	32.0	18.5	27.0	16.0	19.0	76.0	44.0	2.0	2.0	0.3	1.7	NW	NE	-	-	1.0	1.0	16.5	26.5
23	14.5	17.0	28.5	32.0	18.5	26.5	16.0	18.5	76.0	39.0	2.0	0.2	1.9	SW	NE	-	-	-	1.0	1.0	17.0	26.5
24	12.0	15.0	28.0	32.0	16.5	26.0	14.5	18.0	74.0	42.0	2.0	2.0	0.1	2.0	SW	SE	-	-	1.0	1.0	15.5	25.5
25	13.0	18.5	29.0	31.5	18.5	26.5	16.0	19.5	76.0	45.0	-	0.2	2.8	SW	SE	-	-	-	1.0	1.0	16.0	26.5
26	13.5	17.0	29.0	30.0	17.5	26.0	16.0	20.0	85.0	55.0	2.0	0.0	1.7	NE	SE	-	-	-	1.0	1.0	17.0	24.0
27	11.0	19.0	27.0	32.0	19.0	27.0	16.0	20.0	72.0	50.0	2.0	0.2	2.1	NW	SW	-	-	-	1.0	1.0	18.0	27.0
28	16.0	19.0	29.0	32.0	18.5	26.0	15.0	18.0	65.0	42.0	2.0	2.0	1.2	2.6	NE	SW	-	-	1.0	1.0	17.5	26.0
29	12.0	15.0	28.0	31.0	18.0	26.0	14.0	18.0	62.0	42.0	2.0	0.2	1.8	SW	SE	-	-	-	1.0	1.0	17.0	26.5
30	11.0	18.0	28.0	32.0	18.0	26.5	14.5	19.0	57.0	45.0	2.0	2.0	0.1	1.5	SW	SE	-	-	1.0	1.0	17.0	26.5
31	12.5	15.0	29.0	32.0	18.0	26.5	15.0	19.0	71.0	40.0	2.0	0.1	1.5	SW	SE	-	-	-	1.0	1.0	15.5	25.5
Total	379.5	518.0	833.5	923.5	543.0	774.5	462.5	579.0	2246.0	1584.0	48.0	14.0	6.0	60.6	-	-	5.0	-	28.5	29.0	438.0	667.5*
Average	12.2	16.7	26.9	29.8	17.5	25.0	14.9	18.7	72.5	51.1	1.5	0.5	0.2	2.0	-	-	5.0	-	28.5	29.0	14.1	22.3*
	14.5	28.3	21.3	16.8	61.8	1.0	1.1	-	-	-	-	-	-	-	-	-	5.0	-	57.5	-	18.2*	-

* : One or more data missing [DoPM] : last day of previous month

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1 Feb PM	16.0	17.0	29.0	33.0	27.0	27.0	20.0	20.0	50.0	50.0	-	-	1.8	1.8	SW	SW	-	-	1.0	1.0	26.0	26.0
2	13.0	17.0	29.0	32.5	18.0	27.5	16.0	20.5	80.0	47.0	2.0	2.0	0.1	2.5	SW	SW	-	-	1.0	1.0	16.5	27.5
3	13.0	18.0	29.0	32.0	20.0	27.5	16.0	20.5	64.0	47.0	2.0	2.0	0.2	3.1	NE	SW	-	-	1.0	1.0	16.5	27.0
4	13.0	18.0	30.0	33.0	19.5	27.0	15.5	20.0	57.0	50.0	2.0	2.0	0.1	1.9	NW	SW	-	-	1.0	1.0	16.0	27.0
5	12.0	17.0	28.0	32.0	18.5	27.0	14.5	20.0	57.0	50.0	2.0	2.0	0.2	2.6	SW	SW	-	-	1.0	1.0	15.5	27.0
6	12.0	17.0	29.0	33.0	17.5	28.0	14.5	21.0	65.0	61.0	2.0	2.0	0.2	2.3	SE	SW	-	-	1.0	1.0	15.5	27.5
7	13.0	18.0	30.0	33.0	19.5	27.0	17.0	21.0	76.0	56.0	-	-	0.1	3.0	SE	SW	-	-	1.0	1.0	16.5	28.0
8	12.0	19.0	29.0	33.0	21.0	27.0	18.0	20.0	73.0	50.0	2.0	2.0	0.4	3.2	NW	SW	-	-	1.0	1.0	18.0	28.5
9	13.0	19.0	30.0	34.0	19.0	28.0	16.0	20.0	72.0	45.0	2.0	2.0	0.2	2.5	SE	SW	-	-	1.0	1.5	16.5	28.5
10	13.0	19.5	30.0	35.0	19.0	29.0	16.0	22.0	72.0	52.0	2.0	2.0	0.1	2.3	SW	SE	-	-	1.0	1.5	17.0	28.0
11	17.0	21.0	31.0	35.0	22.0	28.0	17.0	22.0	58.0	57.0	2.0	2.0	0.5	2.2	NE	SW	-	-	1.0	1.0	18.5	28.5
12	16.5	20.5	31.0	33.0	21.5	29.5	17.0	22.0	61.0	49.0	2.0	4.0	0.3	4.0	NE	NE	0.2	0.2	1.0	1.5	19.0	28.0
13	19.0	20.0	31.0	32.0	22.0	22.5	17.0	19.0	58.0	70.0	2.0	2.0	2.9	1.4	SE	SW	1.2	-	1.0	1.5	18.5	21.5
14	16.0	20.0	28.0	31.5	20.0	28.0	18.5	22.0	77.0	57.0	2.0	2.0	0.0	2.8	SE	SW	-	-	1.0	1.0	17.5	28.0
15	16.5	21.0	28.0	33.0	18.0	27.0	16.5	21.0	76.0	56.0	2.0	2.0	0.0	2.8	SW	SW	-	-	1.0	1.5	17.0	28.0
16	16.0	21.0	30.0	33.0	22.5	28.5	19.0	21.0	70.0	56.0	2.0	2.0	0.2	3.1	SW	SW	-	-	1.0	1.5	19.0	28.0
17	14.0	21.5	29.0	34.0	20.5	28.5	16.0	21.0	60.0	48.0	2.0	2.0	0.2	2.4	NW	SW	-	-	1.0	1.5	18.0	29.0
18	15.0	21.5	31.0	35.0	21.5	30.0	17.5	23.0	61.0	53.0	2.0	2.0	0.3	2.8	SE	SW	-	-	1.0	1.5	18.5	30.0
19	16.0	22.5	32.0	35.0	23.0	30.0	19.0	21.0	67.0	42.0	2.0	4.0	0.4	3.4	SW	NE	-	-	1.5	2.0	19.5	29.5
20	14.0	21.0	32.0	36.0	21.0	31.0	17.0	23.0	65.0	48.0	2.0	2.0	0.6	3.6	SW	SW	-	-	1.5	2.0	18.5	30.0
21	15.5	22.0	32.5	36.0	23.0	32.0	19.5	23.5	63.0	41.0	2.0	2.0	0.0	4.7	SE	SW	-	-	2.0	2.0	19.5	30.0
22	16.5	23.5	33.0	36.0	24.5	32.0	20.0	23.5	64.0	41.0	2.0	4.0	0.1	3.5	SE	SW	-	-	2.0	2.0	19.0	30.0
23	18.0	24.0	33.0	36.0	26.0	32.0	20.0	23.0	55.0	44.0	2.0	2.0	0.5	2.5	NE	SW	-	-	2.0	2.0	19.5	30.0
24	15.0	23.0	34.0	36.0	22.5	29.0	17.0	21.0	54.0	40.0	2.0	2.0	0.5	3.0	SE	SW	-	-	2.0	2.0	19.0	30.0
25	14.0	23.5	34.0	35.0	25.0	29.0	17.0	21.0	41.0	40.0	2.0	2.0	0.2	2.7	NE	SE	-	-	2.0	2.0	18.0	29.0
26	12.0	21.0	31.0	36.0	23.5	30.0	18.0	22.0	55.0	47.0	-	-	0.2	1.9	SW	SW	-	-	2.0	2.0	17.5	28.5
27	15.0	23.0	32.0	37.0	23.5	30.0	18.0	22.5	55.0	44.0	2.0	2.0	0.2	2.7	NE	SW	-	-	2.0	2.0	19.0	30.0
28	14.0	32.0	32.0	32.0	26.0	19.0	19.0	19.0	49.0	2.0	2.0	0.4	0.4	0.4	NE	NE	-	-	2.0	2.0	19.0	19.0
Total	409.5	569.5	858.5	955.0	600.0	801.0	483.5	597.5	1763.0	1387.0	52.0	22.0	9.1	76.7			1.2	1.2	37.0	41.5	500.5	792.0
Average	14.6	20.3	30.7	34.1	21.4	28.6	17.3	21.3	63.0	49.5	1.9	0.8	0.3	2.7			1.4	1.4	78.5	17.9	17.9	28.3
	17.5			32.4	25.0		19.3		56.3		1.3		1.5								23.1	

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

MARCH 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1 st PM	25.0	37.0	37.0	32.0	22.0	22.0	22.0	22.0	39.0	39.0	2.0	2.0	2.5	2.5	NE	NE	-	-	2.0	2.0	30.5	30.5
2	15.0	24.0	33.0	30.0	20.0	21.0	21.0	21.0	61.0	42.0	2.0	2.0	0.2	1.9	NE	SSW	-	-	2.0	2.0	20.0	31.0
3	16.0	24.5	34.0	36.5	24.0	32.0	21.0	22.0	75.0	39.0	2.0	4.0	0.2	3.7	SW	SW	-	-	2.0	2.0	20.5	30.0
4	16.0	23.0	34.0	36.0	23.0	32.0	19.0	22.0	67.0	39.0	2.0	2.0	0.1	4.9	SW	SW	-	-	2.0	2.0	21.0	30.0
5	19.0	24.0	32.0	35.0	25.0	31.0	20.0	23.0	61.0	48.0	2.0	2.0	0.3	6.3	SE	S	-	-	2.0	2.0	21.5	29.0
6	19.0	25.5	33.0	36.0	26.0	32.0	20.0	23.0	55.0	44.0	4.0	2.0	0.5	3.4	NE	NW	-	-	2.0	2.0	21.0	31.0
7	18.0	25.0	33.0	35.0	24.0	31.0	18.0	22.0	53.0	43.0	2.0	2.0	1.0	2.5	SE	SW	-	-	2.0	2.0	20.5	30.0
8	16.0	21.0	33.0	34.0	21.0	30.0	16.5	22.0	53.0	47.0	2.0	2.0	0.2	3.4	SW	SE	-	-	2.0	2.0	19.0	28.0
9	20.0	22.0	31.0	35.0	26.0	31.0	19.5	23.0	70.0	53.0	-	2.0	0.8	1.7	SE	SW	0.6	-	1.5	2.0	21.0	29.0
10	19.0	24.0	32.0	35.0	24.0	30.0	20.0	23.0	68.0	53.0	4.0	2.0	0.3	4.5	SW	SE	-	-	2.0	0.4	22.5	29.0
11	19.5	23.0	33.0	34.0	23.0	28.0	18.5	21.0	55.0	51.0	4.0	4.0	2.2	4.3	NE	SW	-	-	2.0	2.0	20.0	28.0
12	19.0	25.0	30.0	33.0	25.0	29.0	19.5	21.0	51.0	46.0	2.0	2.0	1.4	4.4	NE	SW	-	-	2.0	2.0	20.0	28.0
13	15.0	23.5	30.0	32.0	23.5	29.0	17.0	21.0	55.0	46.0	4.0	2.0	0.7	4.1	NE	SE	-	-	2.0	2.0	18.0	29.0
14	15.0	24.0	31.0	33.0	25.0	30.0	18.0	22.0	47.0	47.0	4.0	2.0	0.6	4.5	NE	NW	-	-	2.0	2.0	18.5	29.0
15	17.0	25.0	32.0	35.0	26.0	31.0	19.0	23.0	49.0	48.0	2.0	-	1.0	4.1	SE	SW	-	-	2.0	2.0	19.0	30.0
16	20.0	28.5	32.0	36.0	26.0	32.0	20.0	24.0	55.0	49.0	4.0	2.0	0.3	2.3	NE	SE	-	-	2.0	2.5	21.0	31.5
17	17.0	25.0	33.0	36.0	28.5	32.0	19.0	23.5	49.0	60.0	2.0	2.0	0.5	4.6	SE	SW	-	-	2.0	2.5	20.0	29.0
18	18.0	26.5	29.0	37.0	26.0	32.0	21.0	24.0	62.0	49.0	2.0	4.0	0.4	3.2	SE	SW	-	-	2.0	3.0	21.0	31.5
19	19.5	26.0	34.0	37.0	28.5	32.0	22.0	24.0	54.0	49.0	4.0	4.0	0.3	3.6	NE	NW	-	-	2.0	3.0	21.5	31.0
20	18.0	26.0	33.0	35.0	26.0	30.0	21.5	23.0	59.0	53.0	4.0	4.0	1.3	3.1	NE	SW	1.2	-	1.0	3.0	22.0	31.5
21	16.0	25.0	33.0	37.0	26.0	34.0	20.0	21.0	55.0	27.0	2.0	-	0.2	2.9	SE	NW	-	-	2.0	3.0	20.5	32.0
22	17.0	28.5	35.0	39.0	30.0	34.0	22.0	25.0	47.0	46.0	2.0	2.0	0.3	2.7	SE	SSW	-	-	2.0	3.0	22.0	32.5
23	19.0	28.0	36.0	41.0	30.0	36.0	22.5	27.0	44.0	48.0	2.0	2.0	0.1	2.3	SW	SW	-	-	2.5	3.0	23.0	34.0
24	21.5	28.5	38.0	42.0	28.5	36.0	22.5	26.0	54.0	43.0	4.0	2.0	0.4	2.7	SW	SW	-	-	2.5	3.0	23.5	34.0
25	22.0	30.0	38.0	43.0	30.0	37.0	24.0	27.0	59.0	44.0	2.0	4.0	0.2	2.4	NE	SE	-	-	2.5	3.0	25.0	34.5
26	23.5	34.0	39.0	41.0	32.0	36.0	24.0	27.0	49.0	48.0	4.0	2.0	0.4	4.4	NE	SSW	-	-	2.5	3.0	25.0	34.0
27	21.5	30.0	38.0	41.0	30.0	36.0	24.0	28.0	59.0	53.0	2.0	-	0.2	2.7	SW	SW	-	-	2.5	3.0	24.0	34.5
28	21.0	31.5	39.0	43.0	31.0	38.0	23.0	27.0	48.0	40.0	4.0	2.0	0.3	4.1	NE	NE	-	-	3.0	4.0	24.5	34.0
29	22.0	31.0	39.5	44.0	31.0	38.0	25.0	28.0	57.0	45.0	2.0	4.0	0.3	3.4	SW	NE	-	-	3.0	4.0	25.0	35.5
30	23.5	31.0	41.0	43.0	32.0	38.0	24.0	28.0	49.0	45.0	2.0	4.0	0.7	6.8	SW	SW	-	-	3.0	4.0	25.0	32.0
31	21.0	40.0	40.0	30.0	30.0	30.0	24.0	24.0	59.0	59.0	2.0	2.0	0.9	0.9	SW	SW	-	-	3.0	3.0	23.0	23.0
Total	584.0	812.0	1060.5	825.5	1005.5	737.5	644.5	737.5	1734.0	1438.0	82.0	68.0	17.3	11.7			1.8	1.8*	67.0	77.4	670.5	963.0
Average	18.8	26.2	34.2	26.6	32.4	20.8	23.8	23.8	55.9	46.4	2.6	2.2	0.6	3.6			4.2*	4.2*	144.4	144.4	21.6	31.1
	22.5	35.7	29.5	29.5	22.3	22.3	22.3	22.3	51.2	51.2	2.4	2.4	2.1	2.1							26.3	26.3

* : One or more data missing LdPM : last day of previous month

Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

APRIL 2017

APRIL 2017																							
Day	Min		Max Temperature		Dry Bulb Temp.		Wet Bulb		Relative Humidity		Inst. Wind		Av. Wind		Wind Direction		Rainfall (mm)		Pan		Temp - Pan		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		31.0	43.0	38.0	28.0	59.0	50.0	2.0	2.1	SW	SE									4.0		17.30	32.0
1	21.0	32.0	40.0	38.0	25.0	29.0	59.0	50.0	2.0	4.0	0.7	6.1	SW	SW	-	-	-	-	3.0	4.0	24.0	32.5	
2	25.0	32.0	40.0	36.0	26.0	29.0	60.0	58.0	4.0	4.0	0.5	4.8	SE	SW	-	-	-	-	3.0	4.0	25.5	33.0	
3	24.0	30.0	39.0	38.0	26.0	28.0	72.0	54.0	2.0	2.0	0.8	5.4	SE	SW	-	-	-	-	3.0	4.0	25.0	33.0	
4	25.0	32.0	39.5	38.5	27.5	29.5	64.0	47.0	4.0	6.0	1.2	7.2	SW	NW	-	-	-	-	3.0	4.0	25.5	33.5	
5	25.0	34.0	40.0	38.0	27.0	29.0	67.0	50.0	6.0	2.0	1.7	5.8	NW	SW	-	-	-	-	3.0	4.0	25.5	34.0	
6	26.5	33.0	39.0	38.0	28.0	29.5	73.0	47.0	4.0	2.0	1.1	4.6	SW	NW	-	-	-	-	3.0	4.0	26.5	34.5	
7	24.0	34.0	40.0	39.0	26.0	29.0	61.0	46.0	4.0	4.0	1.1	4.9	NE	SW	-	-	-	-	3.0	4.0	25.0	34.0	
8	24.0	36.5	40.0	38.0	25.5	29.0	43.0	42.0	4.0	2.0	0.7	4.4	NE	SW	-	-	-	-	3.0	4.0	25.5	34.5	
9	26.0	35.0	41.0	38.0	25.0	27.0	46.0	40.0	4.0	2.0	0.9	4.9	NE	SE	-	-	-	-	3.0	4.0	24.5	34.5	
10	23.0	31.0	39.0	36.0	22.0	25.0	38.0	20.0	2.0	2.0	1.1	4.0	NE	SW	-	-	-	-	3.0	4.0	23.5	33.0	
11	18.0	30.0	33.0	37.0	22.0	25.0	39.0	35.0	4.0	4.0	0.4	3.0	NW	NW	-	-	-	-	3.0	4.4	22.0	33.0	
12	19.0	32.0	38.0	38.0	24.0	26.0	54.0	36.0	-	-	0.3	2.9	NE	NE	-	-	-	-	4.0	4.4	22.0	33.5	
13	20.0	25.0	39.0	40.0	22.0	28.0	52.0	38.0	-	-	0.3	3.1	NE	NE	-	-	-	-	2.0	4.0	22.5	34.0	
14	23.0	33.0	40.0	37.0	20.0	25.0	32.5	31.0	8.0	-	0.8	4.2	SW	NE	-	-	-	-	2.8	4.0	23.0	34.0	
15	24.0	32.0	40.0	37.0	22.0	25.0	31.0	31.0	2.0	2.0	0.6	4.1	NW	NE	-	-	-	-	3.0	4.0	23.5	34.0	
16	25.0	33.0	41.0	37.0	24.0	26.0	54.0	39.0	8.0	2.0	1.8	2.7	NW	SW	-	-	-	-	3.4	4.0	24.0	34.0	
17	27.0	33.0	42.0	38.0	27.0	27.0	61.0	40.0	8.0	-	2.6	3.3	NW	NE	-	-	-	-	3.0	3.4	25.5	36.0	
18	26.0	33.0	41.0	38.0	27.0	26.0	67.0	36.0	6.0	-	1.0	3.3	SW	NE	-	-	-	-	2.6	4.0	26.5	35.5	
19	28.0	34.0	42.0	36.0	24.0	26.0	49.0	43.0	2.0	-	0.6	3.2	NW	SE	-	-	-	-	2.6	4.2	26.0	34.0	
20	24.0	32.0	41.0	38.0	24.0	26.0	49.0	36.0	2.0	4.0	0.4	6.4	NE	NE	-	-	-	-	3.0	4.2	25.0	34.0	
21	23.0	33.0	42.0	38.0	22.0	26.0	39.0	36.0	4.0	4.0	1.0	7.3	SW	NW	-	-	-	-	3.0	4.0	25.0	34.0	
22	28.0	34.0	41.0	38.0	24.0	28.0	49.0	45.0	4.0	6.0	3.7	6.3	SW	NW	-	-	-	-	3.0	4.0	26.0	34.0	
23	25.0	37.0	41.0	36.0	25.0	26.0	55.0	43.0	2.0	6.0	1.0	6.9	NE	NW	-	-	-	-	3.0	5.0	26.0	32.0	
24	23.5	34.0	40.0	36.0	23.0	26.0	53.0	42.0	2.0	6.0	2.0	6.4	NE	SW	-	-	-	-	4.0	5.0	24.0	33.0	
25	25.0	33.0	39.0	36.0	24.0	25.0	84.0	38.0	2.0	6.0	2.5	7.3	SW	SE	-	-	-	-	3.4	5.0	24.0	33.0	
26	25.0	33.5	40.0	36.0	23.0	25.0	53.0	38.0	2.0	4.0	1.0	4.3	SW	NW	-	-	-	-	4.0	5.0	24.0	33.5	
27	24.0	33.0	37.0	36.0	24.0	25.0	68.0	38.0	2.0	6.0	1.8	5.9	SW	SW	-	-	-	-	4.0	5.0	25.0	33.0	
28	22.0	33.0	40.0	36.0	22.0	25.0	39.0	38.0	4.0	4.0	1.1	4.4	NE	SW	-	-	-	-	4.0	5.0	24.0	34.0	
29	23.5	33.0	40.0	36.0	21.0	23.0	42.0	30.0	2.0	4.0	0.3	3.8	SE	SW	-	-	-	-	4.0	4.6	25.0	34.0	
30	27.0	41.0		32.0	22.0		39.0		4.0		4.7		SW		-	-	-	-	3.0		25.5		
Total	723.5	981.0	1195.5	1292.5	936.0	1121.5	724.0	801.0	1617.5	1230.0	104.0	90.0	37.5	142.9			-	-	94.8	127.2	739.0	1011.0	
Average	24.1	32.7	39.9	43.1	31.2	37.4	24.1	26.7	53.9	41.0	3.5	3.0	1.2	4.8			0.0	0.0	222.0		24.6	33.7	
	28.4	41.5	34.3	25.4	47.5	3.2	25.4		47.5		3.2		3.0						222.0		29.2		

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Twice Daily Climatic Data

Station Code : EMP40F2
Local River/Basin : Arpa

Station Name : Ghatora
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Lopm																						
1	30.0	33.0	39.0	43.0	32.0	36.0	22.0	24.0	39.0	34.0	4.0	4.0	2.4	4.0	NW	SE	-	-	3.2	4.4	26.5	33.0
2	25.0	31.0	39.0	43.5	29.0	36.0	22.0	26.0	52.0	43.0	4.0	4.0	1.2	3.6	SE	NE	-	-	3.0	4.4	26.0	35.0
3	28.0	35.0	40.0	44.0	34.0	36.0	23.0	24.0	36.0	34.0	4.0	4.0	1.0	4.0	NE	SW	-	-	3.0	4.2	26.5	35.0
4	26.0	31.0	41.0	44.0	30.0	36.0	24.0	26.0	59.0	43.0	2.0	4.0	0.7	3.6	SW	NW	-	-	3.0	4.4	26.0	35.5
5	27.0	33.0	41.0	44.5	32.0	38.0	25.0	26.0	55.0	32.0	4.0	2.0	0.9	3.6	SE	NE	-	-	2.0	4.0	27.0	36.0
6	30.0	36.0	42.0	44.0	34.0	38.0	24.0	26.0	41.0	36.0	4.0	4.0	0.9	3.1	NE	SW	-	-	3.2	4.0	28.5	34.0
7	25.0	30.0	36.0	43.0	29.0	34.0	23.0	24.0	58.0	41.0	4.0	10.0	3.6	6.2	SE	NE	-	-	3.0	4.0	25.5	33.0
8	26.0	35.5	37.0	43.5	32.0	36.0	23.0	26.0	44.0	43.0	2.0	4.0	2.3	5.7	SE	NW	-	-	3.0	4.2	26.0	35.0
9	28.0	33.0	41.0	42.0	32.0	36.0	22.0	24.0	39.0	38.0	4.0	2.0	1.3	2.2	SW	NW	-	-	3.2	4.0	27.0	33.0
10	27.0	31.0	40.0	42.0	30.0	36.0	22.0	26.0	47.0	43.0	4.0	4.0	2.4	3.5	SE	SW	-	-	3.0	4.2	26.0	35.0
11	26.5	35.0	39.0	42.0	32.0	34.0	25.0	26.0	55.0	51.0	4.0	6.0	0.3	6.6	SW	SW	-	-	3.0	4.2	27.0	33.0
12	25.5	33.0	35.5	42.0	32.0	34.0	26.0	27.0	61.0	56.0	2.0	2.0	1.6	3.5	SE	SW	-	-	3.0	4.0	27.0	36.0
13	26.0	30.0	36.0	43.5	30.0	36.0	26.0	28.0	72.0	53.0	2.0	6.0	0.6	5.6	SW	SW	-	-	3.0	4.0	28.0	35.5
14	27.5	35.0	42.0	45.0	32.0	38.0	27.0	28.0	67.0	45.0	4.0	2.0	1.0	4.5	SW	NE	-	-	3.0	4.2	28.0	36.5
15	29.0	36.0	43.0	47.0	34.0	40.0	25.0	28.0	46.0	38.0	6.0	2.0	1.6	4.9	NE	SW	-	-	4.0	5.0	28.5	37.0
16	30.0	38.0	44.0	47.0	38.0	40.0	27.0	28.0	40.0	38.0	2.0	4.0	0.5	4.1	SW	NE	-	-	4.0	5.0	29.5	36.5
17	30.0	38.0	44.0	46.0	36.0	40.0	25.0	28.0	38.0	38.0	4.0	4.0	1.8	6.3	NW	SW	-	-	4.0	5.0	29.0	37.0
18	31.0	33.0	45.0	46.0	34.0	40.0	25.0	27.0	46.0	34.0	2.0	2.0	2.2	3.9	NW	SW	-	-	4.0	5.0	29.5	38.0
19	28.0	33.0	42.0	44.0	32.0	38.0	25.0	28.0	55.0	43.0	4.0	2.0	4.0	3.7	NE	SW	-	-	4.0	5.0	27.0	37.0
20	28.5	39.0	44.0	46.0	32.0	40.0	26.0	28.0	61.0	38.0	4.0	4.0	1.9	3.9	NE	SW	-	-	4.0	5.0	29.0	37.0
21	30.5	37.0	43.0	45.5	34.0	40.0	26.0	27.0	51.0	34.0	4.0	6.0	2.4	4.6	SE	SW	-	-	4.0	5.0	28.5	36.0
22	28.5	38.0	43.0	46.5	36.0	40.0	26.0	28.0	43.0	38.0	4.0	8.0	1.3	5.8	NE	SW	-	-	3.8	5.0	28.0	35.0
23	28.5	39.0	43.0	46.0	36.0	40.0	25.0	27.0	38.0	34.0	2.0	2.0	1.3	4.0	NW	SW	-	-	4.0	5.0	28.5	36.0
24	28.0	38.5	44.0	46.0	36.0	40.0	24.0	26.0	34.0	30.0	4.0	4.0	0.4	4.1	NE	NE	-	-	4.0	5.0	29.0	37.0
25	30.0	36.0	42.5	46.0	34.0	38.0	24.0	26.0	41.0	36.0	6.0	2.0	1.8	3.3	SE	SE	-	-	4.0	5.0	28.5	37.0
26	33.0	38.0	43.0	46.8	36.0	38.0	25.0	26.0	38.0	36.0	2.0	4.0	2.0	3.0	NE	NW	-	-	4.0	5.0	30.0	37.5
27	30.0	35.0	43.5	45.0	34.0	36.0	25.5	27.0	46.0	48.0	2.0	10.0	4.7	4.5	SW	SW	-	-	4.0	5.0	28.0	35.0
28	26.0	31.0	37.0	43.0	32.0	34.0	24.0	26.0	49.0	51.0	4.0	14.0	4.5	4.9	NE	NE	0.2	-	2.2	3.2	26.0	34.0
29	26.0	30.0	34.0	41.0	29.5	32.0	24.0	25.0	61.0	55.0	4.0	8.0	3.4	5.2	SW	SW	-	0.4	3.0	2.6	25.5	32.5
30	27.0	31.0	37.0	42.0	32.0	34.0	25.0	26.0	55.0	51.0	4.0	4.0	2.2	5.8	SW	NW	-	-	2.0	4.0	27.0	32.0
31	28.0	41.0			32.0		26.0		61.0		8.0		3.1		NE		-	-	3.0		28.3	
Total	869.5	1065.0	1256.5	1372.8	1017.5	1150.0	761.5	816.0	1528.0	1268.0	114.0	144.0	59.0	136.4			0.2	0.2	103.6	137.4	854.8	1094.0
Average	28.0	34.4	40.5	44.3	32.8	37.1	24.6	26.3	49.3	40.9	3.7	4.6	1.9	4.4			0.6		24.0		27.6	35.3
	31.2		42.4		35.0		25.4		45.1		4.2		3.2								31.4	

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	33.0	35.0	44.0	48.0	34.0	40.0	25.0	25.0	46.0	27.0	-	-	3.6	4.8	SW	SE	-	-	4.0	5.6	26.0	35.0
2	33.0	35.0	45.0	48.0	32.0	40.0	25.0	24.0	55.0	23.0	-	-	3.3	4.1	SW	SW	-	-	4.0	5.8	26.0	36.0
3	30.0	30.0	47.0	45.0	33.0	40.0	26.0	26.0	55.0	30.0	0.2	0.2	3.8	4.6	SW	SW	-	-	4.4	5.6	25.0	35.0
4	29.0	30.0	45.0	44.0	30.0	42.0	26.0	28.0	72.0	32.0	0.2	-	2.7	2.8	SW	S	1.8	-	3.6	5.4	28.0	34.0
5	31.0	30.0	43.0	45.0	30.0	30.0	26.0	28.0	72.0	85.0	0.2	-	2.8	3.4	NW	S	-	-	4.0	5.6	29.0	35.0
6	33.0	35.0	43.0	46.0	32.0	40.0	26.0	27.0	55.0	34.0	0.2	-	1.3	2.8	NE	NW	-	-	2.0	3.4	30.0	37.0
7	33.0	35.0	44.0	46.0	34.0	40.0	27.0	28.0	55.0	38.0	-	0.4	1.7	0.9	SW	S	-	-	2.6	3.2	29.0	37.0
8	31.0	32.0	43.0	44.0	30.0	40.0	24.0	27.0	59.0	34.0	0.2	0.4	4.5	4.6	SE	S	-	-	3.0	3.6	28.0	37.0
9	31.0	34.0	43.0	45.0	32.0	38.0	26.0	23.0	61.0	24.0	0.2	0.2	5.0	6.6	NE	SE	-	-	3.2	4.0	28.0	36.0
10	32.0	35.0	41.0	48.0	32.0	44.0	26.0	28.0	61.0	27.0	0.2	0.2	3.7	5.9	SE	NE	0.4	-	3.4	4.0	29.0	35.0
11	33.0	37.0	45.0	41.0	34.0	37.0	26.0	27.0	57.0	45.0	0.2	0.2	3.5	6.4	NE	NE	-	-	4.0	4.2	29.0	36.0
12	30.0	34.0	40.0	44.0	34.0	36.0	27.0	26.0	43.0	43.0	0.2	0.2	5.6	1.0	NE	NE	1.2	-	3.8	4.0	29.0	35.0
13	27.0	32.0	35.0	47.0	30.0	30.0	27.0	25.0	78.0	61.0	0.4	0.6	6.6	4.7	NE	NE	1.4	-	2.0	4.0	28.0	36.0
14	27.0	32.0	43.0	29.0	32.0	40.0	26.0	25.0	61.0	27.0	0.2	-	4.0	4.8	NE	NE	0.8	-	2.0	4.0	25.0	36.0
15	32.0	35.0	42.0	46.0	34.0	40.0	26.0	25.0	57.0	27.0	-	0.2	2.9	5.6	S	NE	14.2	-	4.2	5.6	32.0	36.0
16	30.0	27.0	41.0	29.0	32.0	27.0	25.0	26.0	55.0	92.0	-	0.2	1.7	4.0	SE	NW	4.2	-	2.0	2.8	27.0	35.0
17	27.0	31.0	28.0	32.0	28.0	28.0	26.0	26.0	85.0	85.0	-	0.2	0.9	2.5	NW	E	-	-	1.4	2.0	28.0	38.0
18	26.0	30.0	30.0	32.0	26.0	28.0	25.0	26.0	92.0	85.0	-	0.2	1.5	1.9	NE	NW	3.8	-	1.8	2.0	28.0	37.0
19	26.0	30.0	35.0	36.0	29.0	32.0	26.0	27.0	85.0	67.0	-	0.2	1.3	3.2	NW	NW	10.4	3.2	1.4	2.0	26.0	33.0
20	28.0	30.0	34.0	37.0	31.0	34.0	27.0	28.0	73.0	62.0	-	-	0.9	1.1	NW	NW	0.2	-	1.6	1.8	29.0	33.0
21	29.0	32.0	36.0	38.0	30.0	36.0	26.0	28.0	72.0	53.0	0.2	-	2.7	2.6	NE	NW	-	-	2.0	2.6	29.0	33.0
22	30.0	33.0	38.0	40.0	33.0	38.0	27.0	28.0	61.0	45.0	0.2	0.2	0.7	4.1	NW	SW	-	-	2.0	2.6	32.0	35.0
23	30.0	27.0	39.0	40.0	30.0	26.0	26.0	25.0	72.0	92.0	0.2	0.8	1.2	7.2	NE	SW	-	-	2.0	2.8	30.0	35.0
24	25.0	26.0	28.0	33.0	26.0	31.0	25.0	27.0	92.0	73.0	0.2	-	0.3	1.0	S	NW	13.4	-	2.4	2.8	27.0	27.0
25	28.0	31.0	32.0	37.0	32.0	34.0	28.0	28.0	73.0	62.0	-	0.4	0.8	2.4	NW	NW	-	-	2.0	1.0	26.0	23.0
26	28.0	32.0	35.0	38.0	32.0	30.0	28.0	26.0	73.0	72.0	0.2	0.4	0.5	2.7	N	SW	-	-	2.0	3.0	26.0	29.0
27	26.0	29.0	33.0	36.0	30.0	32.0	27.0	29.0	74.0	74.0	-	0.2	1.0	2.0	SE	N	7.2	-	3.0	2.8	27.0	32.0
28	26.0	28.0	32.0	34.0	28.0	30.0	26.0	27.0	85.0	79.0	0.2	0.2	1.1	4.8	SW	SW	22.2	-	4.0	1.6	27.0	33.0
29	27.0	30.0	33.0	35.0	30.0	32.0	27.0	27.0	79.0	67.0	0.2	0.4	2.4	6.5	SW	SW	-	-	1.6	2.0	27.0	33.0
30	29.0	34.0	39.0	40.0	29.0	29.0	26.0	26.0	78.0	78.0	0.2	-	3.4	3.4	SW	SW	-	-	1.8	1.8	25.0	25.0
Total	880.0	947.0	1140.0	1224.0	929.0	1055.0	784.0	795.0	2041.0	1592.0	4.0	6.2	75.4	112.5			65.8	65.8	81.2	104.6	835.0	1027.0
Average	29.3	31.6	38.0	40.8	31.0	35.2	26.1	26.5	68.0	53.1	0.1	0.2	2.5	3.8			157.4	157.4	185.8	185.8	27.8	34.2
	30.5		39.4		33.1		26.3		60.6		0.2		3.1								31.0	

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

JULY 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day LPOPM	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
1	29.0	34.0	35.0	38.0	30.0	36.0	28.0	28.0	85.0	53.0	4.0	4.0	1.5	2.0	SW	NW	-	-	2.0	3.8	28.0	34.0	
2	26.0	26.0	28.0	30.0	26.0	29.0	25.0	28.0	92.0	92.0	2.0	-	3.1	0.9	NE	SW	37.8	-	3.8	0.4	28.0	31.0	
3	25.0	26.0	28.0	31.0	26.0	29.0	25.0	28.0	92.0	92.0	4.0	4.0	2.9	7.5	NE	NE	13.0	1.2	1.0	0.6	28.0	28.0	
4	25.0	26.0	26.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	8.0	4.0	6.3	8.1	NE	NE	14.0	2.6	4.0	1.8	27.0	28.0	
5	26.0	27.0	28.0	30.0	26.0	28.0	25.0	26.0	92.0	85.0	4.0	8.0	6.5	7.5	NE	NE	16.6	16.2	3.0	1.8	24.0	27.0	
6	25.0	26.0	28.0	30.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	4.0	7.5	8.3	NW	SW	9.8	2.4	2.8	2.2	24.0	27.0	
7	25.0	25.0	26.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	4.0	5.6	7.2	SE	NE	1.0	-	1.0	1.8	25.0	28.0	
8	24.0	25.0	26.0	30.0	25.0	28.0	24.0	26.0	92.0	85.0	4.0	4.0	5.8	1.5	NE	SE	5.4	-	1.4	0.4	26.0	29.0	
9	25.0	29.0	28.0	30.0	26.0	29.0	25.0	26.0	92.0	78.0	4.0	4.0	1.6	2.6	SE	NW	-	-	1.8	1.2	25.0	34.0	
10	26.0	25.0	27.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	1.1	4.0	NW	NW	-	-	1.0	1.0	26.0	32.0	
11	25.0	26.0	28.0	31.0	26.0	30.0	25.0	27.0	92.0	78.0	8.0	4.0	2.7	1.6	NE	SW	-	1.0	1.0	2.0	25.0	30.0	
12	24.0	25.0	30.0	31.0	25.0	26.0	24.5	25.0	96.0	92.0	4.0	8.0	2.8	6.3	NW	NE	0.8	0.4	1.2	1.4	25.0	29.0	
13	24.0	25.0	30.0	27.0	24.0	27.0	24.0	26.0	92.0	92.0	8.0	4.0	4.7	5.0	NE	NE	13.8	19.6	1.2	0.8	24.0	28.0	
14	24.0	25.0	30.0	31.0	26.0	26.0	25.0	26.0	92.0	92.0	12.0	8.0	0.5	5.5	SW	NE	-	-	1.0	1.6	24.0	26.0	
15	25.0	26.0	29.0	30.0	28.0	26.0	26.0	25.0	85.0	92.0	4.0	4.0	2.0	3.1	NE	NW	23.2	-	1.2	1.0	25.0	28.0	
16	25.0	25.0	30.0	28.0	25.0	27.0	24.0	25.0	92.0	92.0	8.0	8.0	3.5	6.0	NE	NE	9.8	-	1.0	0.4	24.0	25.0	
17	25.0	25.0	28.0	29.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	8.0	3.0	6.6	NE	NE	6.6	-	2.0	1.0	24.0	26.0	
18	24.0	25.0	29.0	30.0	26.0	26.0	25.0	25.0	92.0	92.0	-	8.0	1.2	3.3	NE	NE	31.0	-	2.0	0.8	24.0	25.0	
19	25.0	24.0	30.0	30.0	25.0	27.0	24.0	26.0	92.0	92.0	-	4.0	2.9	4.6	SW	NE	10.0	56.6	2.0	1.0	24.0	28.0	
20	25.0	25.0	31.0	32.0	26.0	27.0	24.0	26.0	84.0	92.0	8.0	-	0.4	7.0	SW	NE	0.8	-	0.8	2.0	25.0	26.0	
21	22.0	25.0	25.0	36.0	26.0	30.0	25.0	27.0	92.0	78.0	-	-	0.7	0.6	SW	NE	-	-	1.2	1.0	24.0	29.0	
22	24.0	25.0	31.0	36.0	27.0	31.0	26.0	27.0	92.0	72.0	4.0	4.0	0.9	1.9	NW	NW	13.8	5.0	1.8	2.0	27.0	32.0	
23	24.0	24.0	33.0	37.0	28.0	29.0	27.0	27.0	92.0	85.0	-	4.0	0.6	1.9	SE	NW	8.6	-	1.0	1.4	27.0	32.0	
24	24.0	25.0	36.0	36.0	27.0	32.0	26.0	28.0	92.0	73.0	-	-	0.3	2.2	NW	NW	-	24.8	2.6	1.0	26.5	33.0	
25	24.0	24.0	32.0	31.0	28.0	28.0	27.0	27.0	92.0	92.0	-	-	0.3	1.7	SW	SW	1.8	-	1.4	2.8	28.0	28.0	
26	24.0	25.0	28.0	30.0	25.0	27.0	24.5	26.0	96.0	92.0	-	-	0.8	3.0	NW	NW	20.6	-	1.6	1.0	25.0	28.0	
27	4.0	26.0	27.0	32.0	26.5	31.0	25.0	27.0	88.0	73.0	-	-	0.5	4.5	NW	NE	-	2.0	0.8	1.6	26.0	34.0	
28	26.0	28.0	31.0	33.0	29.0	30.0	27.0	29.0	85.0	93.0	-	-	0.5	4.5	SW	NW	-	-	2.0	2.0	27.0	34.0	
29	26.0	27.0	31.0	33.0	29.0	30.0	27.0	27.0	85.0	78.0	-	4.0	0.8	3.0	SW	NW	-	-	1.0	2.0	27.0	34.0	
30	24.0	28.0	31.0	32.0	28.0	31.0	27.0	27.0	92.0	72.5	-	-	0.6	1.4	NE	NW	5.8	-	1.8	1.0	28.0	34.0	
31	23.0	27.0	27.0	25.0	25.0	24.0	24.0	24.0	92.0	92.0	-	-	0.9	0.9	NE	NE	20.8	-	0.8	-	25.0	-	
Total	747.0	808.0	907.0	978.0	818.5	885.0	784.0	819.0	2820.0	2627.5	98.0	104.2	72.6	125.3			265.0	265.0	51.2	44.8	795.5	923.0	
Average	24.1	26.1	29.3	31.5	26.4	28.5	25.3	26.4	91.0	84.8	3.2	3.4	2.3	4.0			356.8	356.8	96.0		25.7	29.8	
	25.1		30.4		27.5		25.9		87.9		3.3		3.2									27.7	

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Rajpur
- 0.0 .. N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	23.0	26.0	27.0	32.0	25.0	31.0	24.0	28.0	92.0	78.0	-	2.0	0.9	1.4	NE	SE	23.0	-	0.8	2.0	25.0	33.0
2	25.0	28.0	27.0	32.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	1.4	1.8	NE	NE	-	-	0.8	1.0	27.0	32.0
3	25.0	26.0	30.0	31.0	26.0	28.0	25.0	26.0	92.0	85.0	2.0	2.0	3.1	3.6	SE	SE	5.6	-	1.8	2.0	25.0	31.0
4	25.0	26.0	28.0	33.0	26.0	28.0	25.0	26.0	92.0	85.0	-	4.0	2.1	2.6	NE	SE	4.6	9.0	0.6	1.0	24.0	30.0
5	25.0	25.0	28.0	29.0	26.0	26.0	25.0	25.0	92.0	92.0	-	2.0	2.4	1.6	NE	SW	8.8	21.0	2.0	1.0	25.0	32.0
6	25.0	25.0	29.0	32.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	2.6	4.1	NE	SW	2.2	3.0	2.0	1.0	25.0	28.0
7	24.0	24.0	32.0	28.0	25.0	26.0	24.0	24.0	92.0	92.0	-	-	2.9	6.1	SE	NE	29.4	0.4	0.8	1.0	24.0	27.0
8	25.0	27.0	27.0	29.0	27.0	28.0	25.0	26.0	92.0	77.0	2.0	-	3.9	4.0	NE	SE	-	-	2.0	1.0	26.0	31.0
9	26.0	25.0	28.0	30.0	28.0	28.0	25.0	26.0	77.0	77.0	2.0	2.0	2.0	5.2	SE	NE	-	-	1.4	1.0	27.0	31.0
10	25.0	24.0	29.0	30.0	25.0	27.0	24.0	25.0	92.0	84.0	-	-	2.4	4.6	NE	NE	5.6	-	1.0	2.0	25.0	29.0
11	25.0	25.0	29.0	29.5	26.0	27.0	25.0	26.0	92.0	84.0	-	-	2.8	5.2	NE	NE	10.4	-	1.8	1.8	25.0	28.0
12	25.0	26.0	28.0	29.0	26.0	27.0	25.0	26.0	92.0	84.0	4.0	4.0	3.2	4.2	NE	SE	-	-	1.6	0.6	26.0	30.0
13	25.0	28.0	27.0	29.0	27.0	29.0	26.0	26.0	92.0	78.0	-	-	3.8	5.8	NE	NE	4.8	-	1.2	2.0	26.0	30.0
14	26.0	26.0	28.0	30.0	27.0	29.0	26.0	27.0	92.0	85.0	-	4.0	4.5	6.4	NE	NE	2.2	-	0.6	0.8	25.0	30.0
15	26.0	26.0	29.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	-	4.0	4.2	5.0	SW	NE	3.0	-	2.0	0.6	26.0	28.0
16	25.0	26.0	30.0	31.0	27.0	27.0	25.0	25.0	84.0	84.0	-	-	3.6	4.3	NE	SE	1.8	13.6	2.0	0.8	22.0	26.0
17	24.0	25.0	28.0	29.0	23.0	25.0	22.5	24.0	92.0	92.0	4.0	4.0	3.4	3.7	NE	NE	-	-	2.0	2.0	24.0	26.0
18	23.0	25.0	27.0	28.0	25.0	25.0	24.0	24.0	92.0	92.0	2.0	4.0	3.5	7.4	SW	SE	-	-	2.0	1.0	28.0	27.0
19	25.0	25.0	26.0	27.0	27.0	25.0	25.0	24.0	84.0	92.0	4.0	4.0	5.9	4.7	SE	NE	-	-	1.6	0.2	28.0	32.0
20	26.0	25.0	28.0	28.0	28.0	30.0	25.0	26.0	77.0	77.0	2.0	-	3.7	3.3	NE	NW	-	-	2.0	0.8	26.0	31.0
21	26.0	27.0	29.0	28.0	27.0	30.0	25.0	25.0	84.0	65.0	-	-	1.5	3.6	NE	NE	1.4	-	2.0	2.6	26.0	28.0
22	25.0	25.0	30.0	33.0	27.0	27.0	25.0	26.0	92.0	78.0	4.0	-	0.8	2.2	SW	SW	1.2	-	2.0	2.0	26.0	31.0
23	25.0	26.0	31.0	31.0	27.0	27.0	26.0	27.0	92.0	78.0	-	4.0	0.2	0.9	NE	SE	-	-	1.0	1.0	27.0	29.0
24	24.0	28.0	27.0	31.0	27.0	30.0	26.0	27.0	92.0	85.0	-	-	0.3	0.1	SW	SE	1.4	1.6	1.0	1.0	26.0	30.0
25	26.0	28.0	29.0	31.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	0.8	1.3	SW	NE	-	-	2.0	1.0	28.0	31.0
26	25.0	26.0	34.0	34.0	26.0	30.0	25.0	28.0	92.0	85.0	-	-	0.5	3.2	SE	NE	-	-	1.0	0.6	27.0	33.0
27	26.0	29.0	28.0	30.0	28.0	30.0	26.0	27.0	85.0	78.0	-	-	0.6	2.3	SW	SW	-	-	1.0	1.0	27.0	35.0
28	26.0	29.0	30.0	31.0	29.0	32.0	27.0	27.0	85.0	67.0	-	-	0.1	1.2	SW	SW	-	-	2.0	2.0	27.0	30.0
29	26.0	27.0	32.0	34.0	30.0	32.0	27.0	28.0	78.0	73.0	-	-	0.2	0.9	SW	SW	-	-	2.0	2.0	27.0	30.0
30	27.0	28.0	32.0	39.0	27.0	30.0	26.0	28.0	92.0	85.0	-	-	0.2	0.9	SW	SW	-	-	1.0	1.0	25.0	25.0
31	24.0	-	31.0	-	27.0	-	26.0	-	92.0	-	-	-	2.1	-	SW	-	2.8	-	-	-	-	-
Total	778.0	810.0	898.0	951.5	825.0	875.0	781.5	805.0	2766.0	2579.5	30.0	36.0	70.7	105.5	-	-	99.0	99.0*	47.0	39.8	801.0	935.0
Average	25.1	26.1	29.0	30.7	26.6	28.2	25.2	26.0	89.2	83.2	1.0	1.2	2.3	3.4	-	-	156.8*	-	86.8	-	25.8	30.2
	25.6	-	29.8	-	27.4	-	25.6	-	86.2	-	1.1	-	2.8	-	-	-	-	-	-	-	28.0	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMMSD I,CWC,Raipur
-0.0 .. N.A.

SEPTEMBER 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM																							
1	29.0	34.0	35.0	38.0	30.0	36.0	28.0	28.0	85.0	53.0	4.0	4.0	1.5	2.0	SW	NW	-	-	2.0	3.8	28.0	34.0	
2	26.0	26.0	28.0	30.0	26.0	29.0	25.0	28.0	92.0	92.0	2.0	-	3.1	0.9	NE	SE	37.8	-	3.8	0.4	28.0	31.0	
3	25.0	26.0	28.0	31.0	26.0	29.0	25.0	28.0	92.0	92.0	4.0	4.0	2.9	7.5	NE	NE	13.0	1.2	1.0	0.6	28.0	28.0	
4	25.0	26.0	26.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	8.0	4.0	6.3	8.1	NE	NE	14.0	2.6	4.0	1.8	27.0	28.0	
5	26.0	27.0	28.0	30.0	26.0	28.0	25.0	26.0	92.0	85.0	4.0	8.0	6.5	7.5	NE	NE	16.6	16.2	3.0	1.8	24.0	27.0	
6	25.0	26.0	28.0	30.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	4.0	7.5	8.3	NW	SW	9.8	2.4	2.8	2.2	24.0	27.0	
7	25.0	25.0	26.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	4.0	5.6	7.2	SE	SE	1.0	-	1.0	1.8	25.0	28.0	
8	24.0	25.0	26.0	30.0	25.0	28.0	24.0	26.0	92.0	85.0	4.0	4.0	5.8	1.5	NE	SE	5.4	-	1.4	0.4	26.0	29.0	
9	25.0	29.0	28.0	30.0	26.0	29.0	25.0	26.0	92.0	78.0	4.0	4.0	1.6	2.6	SE	NW	-	-	1.8	1.2	25.0	34.0	
10	26.0	25.0	27.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	1.1	4.0	NW	NW	-	-	1.0	1.0	26.0	32.0	
11	25.0	26.0	28.0	31.0	26.0	30.0	25.0	27.0	92.0	78.0	8.0	4.0	2.7	1.6	NE	SW	-	1.0	1.0	2.0	25.0	30.0	
12	24.0	25.0	30.0	31.0	25.0	26.0	24.5	25.0	96.0	92.0	4.0	8.0	2.8	6.3	NW	NE	0.8	0.4	1.2	1.4	25.0	29.0	
13	24.0	25.0	30.0	27.0	24.0	27.0	24.0	26.0	92.0	92.0	8.0	4.0	4.7	5.0	NE	NE	13.8	19.6	1.2	0.8	24.0	28.0	
14	24.0	25.0	30.0	31.0	26.0	26.0	25.0	26.0	92.0	92.0	12.0	8.0	0.5	5.5	SW	NE	-	-	1.0	1.6	24.0	26.0	
15	25.0	26.0	29.0	30.0	28.0	26.0	26.0	25.0	85.0	92.0	4.0	4.0	2.0	3.1	NE	NW	23.2	-	1.2	1.0	25.0	28.0	
16	25.0	25.0	30.0	28.0	25.0	27.0	24.0	25.0	92.0	92.0	8.0	8.0	3.5	6.0	NE	NE	9.8	-	1.0	0.4	24.0	25.0	
17	25.0	25.0	28.0	29.0	26.0	26.0	25.0	25.0	92.0	92.0	4.0	8.0	3.0	6.6	NE	NE	6.6	-	2.0	1.0	24.0	26.0	
18	24.0	25.0	29.0	30.0	26.0	26.0	25.0	25.0	92.0	92.0	-	8.0	1.2	3.3	NE	NE	31.0	-	2.0	0.8	24.0	25.0	
19	25.0	24.0	30.0	30.0	25.0	27.0	24.0	26.0	92.0	92.0	-	4.0	2.9	4.6	SW	NE	10.0	56.6	2.0	1.0	24.0	28.0	
20	25.0	25.0	31.0	32.0	26.0	27.0	24.0	26.0	84.0	92.0	8.0	-	0.4	7.0	SW	NE	0.8	-	0.8	2.0	25.0	26.0	
21	22.0	25.0	25.0	36.0	26.0	30.0	25.0	27.0	92.0	78.0	-	-	0.7	0.6	SW	NE	-	-	1.2	1.0	24.0	29.0	
22	24.0	25.0	31.0	36.0	27.0	31.0	26.0	27.0	92.0	72.0	4.0	4.0	0.9	1.9	NW	NW	13.8	5.0	1.8	2.0	27.0	32.0	
23	24.0	24.0	33.0	37.0	28.0	29.0	27.0	27.0	92.0	85.0	-	4.0	0.6	1.9	SE	NW	8.6	-	1.0	1.4	27.0	32.0	
24	24.0	25.0	36.0	36.0	27.0	32.0	26.0	28.0	92.0	73.0	-	-	0.3	2.2	NW	SW	-	24.8	2.6	1.0	26.5	33.0	
25	24.0	24.0	32.0	31.0	28.0	28.0	27.0	27.0	92.0	92.0	-	-	0.3	1.7	SW	SW	1.8	-	1.4	2.8	28.0	28.0	
26	24.0	25.0	28.0	30.0	25.0	27.0	24.5	26.0	96.0	92.0	-	-	0.8	3.0	NW	NW	20.6	-	1.6	1.0	25.0	28.0	
27	4.0	26.0	27.0	32.0	26.5	31.0	25.0	27.0	88.0	73.0	-	-	0.5	4.5	NW	NE	-	2.0	0.8	1.6	26.0	34.0	
28	26.0	28.0	31.0	33.0	29.0	30.0	27.0	29.0	85.0	93.0	-	-	0.5	4.5	SW	NW	-	-	2.0	2.0	27.0	34.0	
29	26.0	27.0	31.0	33.0	29.0	30.0	27.0	27.0	85.0	78.0	-	4.0	0.8	3.0	SW	NW	-	-	1.0	2.0	27.0	34.0	
30	24.0	28.0	31.0	32.0	28.0	31.0	27.0	27.0	92.0	72.5	-	-	0.6	1.4	NE	NW	5.8	-	1.8	1.0	28.0	34.0	
31	23.0	27.0	27.0	27.0	25.0	25.0	24.0	24.0	92.0	92.0	-	-	0.9	0.9	NE	NE	20.8	-	0.8	0.8	25.0	-	
Total	747.0	808.0	907.0	978.0	818.5	885.0	784.0	819.0	2820.0	2627.5	98.0	104.2	72.6	125.3			265.0	265.0	51.2	44.8	795.5	923.0	
Average	24.1	26.1	29.3	31.5	26.4	28.5	25.3	26.4	91.0	84.8	3.2	3.4	2.3	4.0							25.7	29.8	
	25.1		30.4		27.5		25.9		87.9		3.3		3.2				396.8		96.0			27.7	

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMMSD I,CWC,Raipur
- 0.0 .. N.A.

OCTOBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		25.0		32.0		29.0		27.0		85.0		-		3.8		SW		-		2.0		32.0
1	25.0	24.0	30.0	32.0	27.0	29.0	25.0	27.0	84.0	85.0	4.0	2.0	1.2	3.0	SW	SW	-	-	1.0	2.0	25.0	30.0
2	24.0	26.0	30.0	32.0	27.0	27.0	25.0	27.0	84.0	85.0	-	-	1.1	2.5	SW	SW	-	-	1.0	2.0	25.0	30.0
3	25.0	28.0	30.0	33.0	27.0	28.0	26.0	26.0	92.0	92.0	-	-	0.1	0.6	SW	SW	6.6	6.6	2.0	0.6	25.0	30.0
4	25.0	26.0	32.0	34.0	27.0	29.0	25.0	26.0	84.0	85.0	-	-	1.9	2.3	SW	NE	-	2.8	1.0	1.4	24.5	29.0
5	25.0	26.0	29.0	34.0	28.0	29.0	26.0	28.0	92.0	92.0	4.0	-	0.8	1.4	NE	NE	-	-	1.0	2.0	25.0	33.0
6	26.0	24.0	33.0	30.0	28.0	26.0	27.0	25.0	92.0	92.0	-	-	0.7	1.2	NE	NE	25.4	25.4	1.6	2.4	26.0	29.0
7	24.0	24.0	26.0	30.0	26.0	25.0	25.5	24.0	96.0	92.0	-	-	0.1	0.9	NE	NE	1.0	4.8	0.4	0.8	24.5	28.0
8	24.0	26.0	30.0	32.0	26.0	28.0	25.0	26.0	92.0	85.0	-	-	0.0	0.5	SW	SE	-	-	0.8	1.3	24.0	30.0
9	25.0	26.0	31.0	32.0	26.0	28.0	25.0	26.0	92.0	85.0	2.0	-	0.2	0.6	NW	SE	14.4	1.4	1.0	0.2	25.0	29.0
10	24.0	27.0	30.0	33.0	27.0	28.0	26.0	26.0	92.0	85.0	2.0	-	0.1	2.0	SW	SE	-	-	1.0	2.0	24.0	33.0
11	24.0	25.0	32.0	34.0	26.0	26.0	24.0	25.0	84.0	92.0	-	-	0.1	1.6	SE	NE	13.2	1.6	1.6	0.2	23.0	26.0
12	22.0	23.0	29.0	34.0	25.0	30.0	24.0	26.0	92.0	72.0	-	-	0.2	1.6	NE	SW	-	-	1.0	2.0	23.5	33.0
13	23.0	23.0	30.0	34.0	26.0	28.0	25.0	24.0	85.0	70.0	-	-	0.3	0.8	NE	SW	-	-	1.6	2.0	24.0	32.0
14	21.0	24.0	30.0	34.0	24.0	28.0	22.0	24.0	83.0	70.0	-	-	0.1	0.9	SW	NE	-	-	1.4	2.0	22.0	30.0
15	19.0	23.0	30.0	34.0	24.0	27.0	22.0	24.0	83.0	77.0	4.0	-	0.3	1.5	NE	NE	-	-	2.0	2.2	22.0	29.0
16	18.0	24.0	29.0	32.0	24.0	28.0	22.0	24.0	83.0	83.0	-	-	0.1	1.0	SW	SW	-	-	1.0	1.6	23.0	29.0
17	19.0	24.0	23.0	32.0	23.0	29.0	21.0	24.0	83.0	64.0	-	-	0.0	1.2	SW	SW	-	-	1.0	1.4	21.0	29.0
18	26.0	24.0	30.0	33.0	24.0	28.0	22.0	24.0	83.0	70.0	-	-	0.0	1.2	SW	SE	-	-	1.0	2.0	24.0	30.0
19	18.0	22.0	30.0	33.0	23.0	27.0	21.0	23.0	83.0	70.0	-	-	0.1	0.8	SE	SE	-	-	0.6	2.0	21.0	28.0
20	17.0	22.0	29.0	33.0	22.0	27.0	20.0	23.0	82.0	70.0	-	-	0.1	0.7	SE	SE	-	-	2.0	2.4	21.0	28.0
21	18.0	24.0	32.0	34.0	23.0	28.0	21.0	24.0	83.0	70.0	-	-	0.0	1.2	SE	SW	-	-	2.0	2.0	20.0	29.0
22	19.0	22.0	32.0	35.0	23.0	27.0	21.0	23.0	83.0	70.0	-	-	0.1	1.0	SW	SW	-	-	1.6	2.0	21.0	28.0
23	18.0	23.0	29.0	34.0	22.0	28.0	20.0	24.0	82.0	70.0	-	-	0.1	1.0	SW	SE	-	-	0.8	2.0	20.0	26.0
24	18.0	22.0	27.0	29.0	22.0	28.0	20.0	23.0	82.0	64.0	4.0	-	1.2	1.2	SE	SW	-	-	1.0	1.4	19.0	28.0
25	18.0	23.0	28.0	31.0	24.0	26.0	21.0	21.0	75.0	76.0	-	-	0.2	0.9	NE	NE	-	-	1.0	1.2	20.0	28.0
26	18.0	22.0	22.0	32.0	22.0	27.0	20.0	23.0	82.0	70.0	-	-	0.1	1.3	SE	NW	-	-	1.0	2.0	19.0	27.0
27	18.0	18.0	28.0	32.0	22.0	27.0	20.0	22.0	82.0	63.0	-	-	0.0	1.9	NW	NW	-	-	1.0	2.0	19.0	27.0
28	18.0	23.0	28.0	31.0	22.0	28.0	20.0	24.0	82.0	82.0	-	-	0.0	1.8	SE	SW	-	-	2.0	2.0	19.5	27.0
29	20.0	24.0	30.0	31.0	24.0	27.0	21.0	23.0	82.0	70.0	4.0	-	0.1	2.1	SW	SW	-	-	1.0	2.0	21.0	28.0
30	19.0	23.0	31.0	30.0	24.0	27.0	21.0	23.0	75.0	70.0	-	-	0.1	1.9	SW	SW	-	-	1.0	1.4	21.0	28.0
31	18.0		31.0		22.0		20.0		82.0		-		0.0		NE		-	-	1.0		21.0	
Total	656.0	740.0	911.0	1006.0	760.0	857.0	703.5	759.0	2631.0	2396.0	24.0	2.0	9.3	44.2			15.4	15.4*	37.4	52.5	693.0	903.0
Average	21.2	23.9	29.4	32.5	24.5	27.6	22.7	24.5	84.9	77.3	0.8	0.1	0.3	1.4							22.4	29.1
	22.5		30.9		26.1		23.6		81.1		0.4		0.9				69.6*		89.9		25.7	

* : One or more data missing [DoPM : last day of previous month]

Twice Daily Climatic Data

Station Code : EMP000A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

NOVEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																						
LPoPM		22.0		31.0		28.0		23.0		64.0		-		1.8		SW		SW		2.0		17:30
1	18.0	21.0	30.0	31.0	21.0	28.0	19.0	23.0	82.0	64.0	-	-	0.0	1.8	SW	SW	-	-	1.4	20.0	19.0	27.0
2	18.0	22.0	30.0	32.0	22.0	28.0	21.0	22.0	91.0	57.0	-	-	0.0	1.6	SW	SW	-	-	1.0	1.8	20.0	28.0
3	18.0	22.0	29.0	31.0	21.0	28.0	19.0	24.0	82.0	70.0	-	-	0.0	1.1	SW	SW	-	-	0.8	2.4	19.0	27.5
4	20.0	23.0	31.0	32.0	23.0	28.0	21.0	21.0	83.0	70.0	-	-	0.6	2.7	SW	SW	-	-	1.6	2.0	21.0	28.0
5	22.0	23.0	29.0	32.0	23.0	28.0	22.0	24.0	91.0	70.0	-	-	0.1	2.9	SW	SW	-	-	1.0	1.6	22.5	28.0
6	21.0	24.0	30.0	31.0	24.0	26.0	21.0	21.0	75.0	62.0	-	-	0.0	1.7	SW	SE	-	-	1.4	2.0	22.0	26.0
7	16.0	25.0	28.0	31.0	16.5	26.0	16.0	21.0	95.0	62.0	-	-	0.1	2.3	SE	SW	-	-	1.2	1.4	17.0	25.0
8	14.0	23.0	28.0	32.0	17.0	28.0	16.0	24.0	90.0	70.0	-	-	0.1	1.4	SW	SW	-	-	6.0	1.6	15.5	26.0
9	16.0	25.0	28.0	31.0	16.0	26.0	16.0	26.0	95.0	62.0	-	-	0.2	0.9	NE	NE	-	-	0.8	1.4	17.0	25.0
10	17.0	16.0	30.0	31.0	17.0	26.0	16.0	20.0	79.0	55.0	-	-	0.2	0.7	NE	SW	-	-	0.6	2.0	17.0	24.0
11	13.0	18.0	28.0	29.0	18.0	25.0	17.0	20.0	90.0	61.0	-	-	0.5	0.6	SW	SW	-	-	1.0	0.4	16.0	23.5
12	14.0	18.0	26.0	29.0	18.0	24.0	17.0	20.0	90.0	68.0	-	-	0.2	0.6	SW	SW	-	-	1.4	0.4	16.0	23.0
13	15.0	19.0	25.0	30.0	19.0	26.0	18.0	22.0	90.0	69.0	-	-	0.2	1.0	SW	NW	-	-	1.0	0.6	16.5	24.5
14	16.0	20.0	27.0	30.0	20.0	26.0	18.5	22.0	85.0	69.0	-	-	0.0	1.0	NW	SW	-	-	1.0	1.0	17.5	25.0
15	16.0	21.0	28.0	30.0	20.0	25.0	18.0	23.0	81.0	84.0	-	-	0.0	0.2	SW	SW	-	-	0.8	1.2	17.5	25.0
16	14.0	21.0	29.0	31.0	18.0	27.0	17.0	21.0	90.0	56.0	-	-	0.0	0.1	SE	SE	-	-	0.8	1.2	16.5	25.0
17	13.0	20.0	30.0	30.0	18.0	26.0	17.0	24.0	90.0	84.0	-	-	0.0	1.7	SW	SW	-	-	0.8	1.4	16.0	24.0
18	12.0	20.0	30.0	30.0	18.0	24.0	17.0	18.0	90.0	53.0	-	-	0.1	1.0	SW	SW	-	-	1.0	1.8	15.0	25.0
19	11.0	18.0	29.0	31.0	18.0	25.0	16.0	20.0	80.0	61.0	-	-	0.0	0.4	SW	SW	-	-	0.8	0.8	14.0	22.5
20	11.0	17.0	27.0	31.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	0.8	0.7	SW	SW	-	-	0.8	0.8	14.5	22.5
21	12.0	18.0	26.0	32.0	18.0	25.0	17.0	18.0	90.0	47.0	-	-	0.0	0.7	SW	SW	-	-	1.0	0.8	15.0	21.0
22	11.0	17.0	27.0	31.0	17.0	24.0	16.0	19.0	90.0	60.0	-	-	0.0	0.0	SW	SE	-	-	1.2	0.8	14.0	22.0
23	11.0	17.0	26.0	31.0	17.0	25.0	16.0	19.0	90.0	54.0	-	-	0.0	0.6	SE	SE	-	-	1.4	1.0	14.0	23.0
24	11.5	16.0	27.5	32.0	17.0	25.0	16.0	18.0	90.0	47.0	-	-	0.5	-	SE	SW	-	-	0.6	1.4	14.0	23.0
25	10.5	14.0	27.0	31.0	16.0	25.0	15.0	19.0	89.0	54.0	-	-	0.0	-	SW	SE	-	-	0.8	1.6	14.0	22.0
26	11.5	17.0	26.0	32.0	18.0	25.0	16.0	15.0	80.0	54.0	-	-	-	-	SE	SE	-	-	1.6	1.6	14.0	22.5
27	11.0	17.0	26.0	31.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	-	-	NW	NW	-	-	0.8	1.0	14.0	23.0
28	11.5	18.0	29.0	31.0	19.0	23.0	17.0	21.0	81.0	63.0	-	-	-	-	SE	SE	-	-	1.6	1.4	15.0	22.0
29	11.0	17.0	30.0	32.0	17.0	24.0	16.0	20.0	90.0	80.0	-	-	-	-	SW	SW	-	-	2.0	2.2	14.5	22.5
30	11.0	-	29.0	-	17.0	-	15.0	-	80.0	-	-	-	-	-	SE	-	-	-	2.0	-	14.0	-
Total	427.0	589.0	845.5	929.0	559.5	772.0	518.5	628.0	2589.0	1906.0	-	-	3.8	27.4	-	-	-	-	38.2	59.6	492.0	733.5
Average	14.2	19.6	28.2	31.0	18.7	25.7	17.3	20.9	86.3	63.5	-	-	0.1	0.9	-	-	-	-	-	-	16.4	24.5
	16.9	-	29.6	-	22.2	-	19.1	-	74.9	-	0.0	-	0.5	-	-	-	0.0	-	97.8	-	20.4	-

* : One or more data missing [DoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

DECEMBER 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		18.0		31.0		24.0		20.0		80.0		-		-		SE				2.4		23.0	
1	12.0	17.0	31.0	28.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	-	-	-	SW	SW	-	-	1.6	0.4	14.0	22.0
2	15.0	19.0	25.0	29.0	20.0	24.0	18.0	20.0	81.0	68.0	-	-	-	-	-	SW	SW	-	-	0.6	0.6	16.0	23.0
3	15.0	19.0	26.0	30.0	19.0	26.0	18.0	22.0	90.0	69.0	-	-	-	-	-	SW	SW	-	-	1.0	0.4	16.0	24.0
4	15.0	19.0	30.0	29.0	19.0	25.0	18.0	20.0	90.0	61.0	-	-	-	-	-	SW	SW	-	-	1.2	0.6	16.5	23.5
5	13.5	17.0	26.0	28.0	18.0	25.0	17.0	20.0	90.0	61.0	-	-	-	-	-	SW	SW	-	-	1.4	0.6	16.0	23.0
6	13.0	19.0	26.0	30.0	17.0	26.0	16.0	21.0	90.0	61.0	-	-	0.1	-	-	SW	SW	-	-	1.0	1.4	15.0	24.0
7	12.0	16.0	28.0	29.0	17.0	23.0	15.0	19.0	80.0	67.0	-	-	-	-	-	SW	SE	-	-	0.8	1.2	15.0	23.0
8	13.0	17.0	29.0	28.0	16.0	25.0	15.0	19.0	89.0	54.0	-	-	-	-	-	NW	NW	-	-	0.8	1.4	14.5	24.0
9	12.0	14.0	28.0	28.0	17.0	23.0	15.0	18.0	80.0	59.0	-	-	-	-	-	SE	SE	-	-	0.6	0.6	14.0	21.0
10	10.5	14.0	24.0	28.0	15.0	24.0	14.0	19.0	89.0	60.0	-	-	-	-	-	SE	NW	-	-	1.0	0.6	13.0	21.0
11	10.5	14.0	25.0	29.0	15.0	24.0	14.0	18.0	89.0	53.0	-	-	-	-	-	SE	SW	-	-	0.6	0.8	13.0	21.5
12	12.5	18.0	26.0	30.0	19.0	25.0	16.0	19.0	73.0	54.0	-	-	0.0	-	-	SW	SW	-	-	0.8	1.0	15.0	22.0
13	11.5	15.0	26.0	30.0	17.0	25.0	15.0	18.0	80.0	47.0	-	-	0.0	-	-	SW	SW	-	-	1.0	1.4	14.0	21.0
14	12.0	14.0	27.0	29.0	17.0	24.0	14.0	18.0	70.0	53.0	-	-	0.0	-	-	SW	SW	-	-	0.8	1.4	13.0	21.0
15	11.0	14.0	28.0	30.0	17.0	25.0	14.0	19.0	70.0	54.0	-	-	0.0	-	-	SW	SW	-	-	1.0	1.2	13.0	22.0
16	10.0	14.0	27.0	29.0	16.0	24.0	14.0	18.0	79.0	53.0	-	-	-	-	-	SW	SW	-	-	1.0	1.4	13.0	21.0
17	10.0	13.0	28.0	28.0	14.0	23.0	13.0	18.0	89.0	59.0	-	-	-	-	-	SW	SW	-	-	0.6	1.2	12.0	22.0
18	8.0	14.0	27.0	29.0	13.0	23.0	12.0	18.0	88.0	59.0	-	-	-	-	-	SE	SE	-	-	0.8	1.4	11.0	21.0
19	7.0	14.0	27.0	28.0	13.0	22.0	12.0	15.0	88.0	43.0	-	-	-	-	-	SE	SW	-	-	0.8	1.0	10.0	19.0
20	7.0	11.0	27.0	27.0	13.0	24.0	12.0	16.0	88.0	39.0	-	-	-	-	-	NE	SW	-	-	1.0	1.2	11.0	20.0
21	8.0	12.0	28.0	28.0	14.0	24.0	12.0	16.0	78.0	39.0	-	-	-	-	-	NW	NE	-	-	1.0	1.4	11.0	20.0
22	7.0	15.0	26.0	29.0	15.0	24.0	13.0	16.0	78.0	39.0	-	-	-	-	-	NE	SE	-	-	1.0	1.2	12.0	20.0
23	8.0	13.0	26.0	26.0	13.0	21.0	12.0	16.0	88.0	57.0	-	-	-	-	-	SE	NE	-	-	0.8	0.4	11.0	19.0
24	8.0	12.0	23.0	27.0	13.0	21.0	12.0	17.0	88.0	65.0	-	-	-	-	-	NE	NE	-	-	0.8	0.4	11.5	19.0
25	9.0	12.0	23.0	29.0	13.0	24.0	12.0	19.0	88.0	60.0	-	-	-	-	-	NE	NE	-	-	0.6	0.6	12.0	20.0
26	10.0	13.0	26.0	29.0	14.0	24.0	13.0	16.0	89.0	39.0	-	-	0.0	-	-	NE	SE	-	-	0.6	0.8	13.0	21.0
27	8.0	12.0	25.0	28.0	13.0	21.0	11.0	16.0	77.0	57.0	-	-	-	-	-	SE	SW	-	-	1.0	1.2	11.5	19.0
28	9.0	12.0	24.0	28.0	14.0	24.0	13.0	17.0	89.0	46.0	-	-	-	-	-	SE	SW	-	-	0.8	1.0	11.5	20.0
29	10.0	12.0	26.0	30.0	17.0	23.0	14.0	17.0	70.0	52.0	-	-	-	-	-	SW	SE	-	-	0.6	0.4	12.0	20.5
30	9.0	14.0	25.0	29.0	15.0	24.0	13.0	18.0	78.0	53.0	-	-	-	-	-	SE	SE	-	-	0.8	0.6	12.5	20.5
31	10.0		26.0		17.0		14.0		70.0		-	-	-	-	-	SE		-	-	0.8		13.0	
Total	326.0	457.0	819.0	890.0	488.0	738.0	437.0	563.0	2566.0	1729.0	-	-	0.0	0.1				-	-	27.2	30.2	406.0	661.0
Average	10.5	14.7	26.4	28.7	15.7	23.8	14.1	18.2	82.8	55.8	-	-	0.0	0.0				0.0*		57.4		13.1	21.3
	12.6		27.6		19.8		16.1		69.3		0.0		0.0					0.0*				17.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMMSD I,CWC,Raipur
-0.0 .. N.A.

JANUARY 2017																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	15.0		30.0		30.0	23.0	18.0		59.0		-		-		NW		-		0.6		17.30	20.5
1	10.0	13.0	27.0	30.0	14.0	24.0	13.0	19.0	89.0	60.0	-	-	-	-	NW	NW	-	-	1.0	1.2	13.0	21.0
2	11.0	18.0	28.0	29.0	18.0	25.0	17.0	20.0	90.0	61.0	-	-	-	-	NW	NW	-	-	1.0	1.2	15.0	22.0
3	13.0	15.0	27.0	26.0	16.0	24.0	15.0	18.0	89.0	53.0	-	-	-	0.0	NE	NE	-	-	0.8	1.4	16.0	22.0
4	11.0	15.0	27.0	26.0	15.0	23.0	14.0	18.0	89.0	59.0	-	-	0.6	0.1	SW	SW	-	-	1.0	1.4	14.0	23.0
5	9.0	15.0	26.0	27.0	15.0	24.0	14.0	18.0	89.0	53.0	-	-	0.4	1.3	NE	NE	-	-	1.0	1.4	13.0	23.0
6	10.0	14.0	27.0	28.0	15.0	23.0	14.0	17.0	89.0	45.0	-	-	0.0	0.9	NE	NE	-	-	1.0	1.2	13.0	21.0
7	10.0	15.0	27.0	27.0	14.0	24.0	13.0	18.0	89.0	53.0	-	-	0.0	1.2	SW	SW	-	-	1.0	1.4	12.0	20.0
8	10.0	16.0	28.0	29.0	16.0	25.0	14.0	19.0	78.0	54.0	-	-	0.2	1.4	SW	SW	-	-	1.0	1.0	13.0	21.0
9	11.0	15.0	27.0	28.0	16.0	25.0	15.0	20.0	89.0	61.0	-	-	0.2	1.1	SW	SW	-	-	0.8	1.0	14.0	21.0
10	10.0	16.0	26.0	27.0	18.0	23.0	17.0	18.0	90.0	59.0	-	-	0.2	1.7	SW	SW	-	-	0.8	1.2	13.0	22.0
11	11.0	15.0	27.0	26.0	17.0	22.0	13.0	16.0	61.0	50.0	-	-	1.1	1.8	SE	SE	-	-	0.6	1.4	14.0	20.0
12	10.0	12.0	25.0	25.0	13.0	21.0	10.0	14.0	66.0	42.0	-	-	0.2	2.0	SE	SE	-	-	0.6	1.6	12.0	21.0
13	7.0	12.0	23.0	25.0	13.0	21.0	10.0	14.0	66.0	42.0	-	-	0.0	1.7	SE	SE	-	-	0.6	1.0	10.0	19.0
14	6.0	12.0	23.0	26.0	12.0	21.0	10.0	15.0	76.0	49.0	-	-	0.0	1.9	NE	NE	-	-	0.6	1.0	10.0	19.0
15	6.0	12.0	23.0	27.0	13.0	22.0	11.0	16.0	77.0	39.0	-	-	-	1.5	SW	SW	-	-	0.6	1.4	10.0	18.0
16	8.0	13.0	25.0	30.0	13.0	23.0	12.0	17.0	88.0	52.0	-	-	0.0	1.9	SE	SE	-	-	0.8	1.2	11.0	19.0
17	13.0	16.0	27.0	31.0	15.0	27.0	13.0	19.0	78.0	45.0	-	-	-	1.1	NE	NE	-	-	0.6	1.4	13.0	20.0
18	12.0	15.0	31.0	30.0	17.0	26.0	15.0	19.0	80.0	47.0	-	-	0.1	1.4	SW	SW	-	-	0.8	1.0	14.5	20.0
19	12.0	16.0	27.0	30.0	19.0	26.0	17.0	18.0	81.0	82.0	-	-	0.2	2.0	NW	NW	-	-	1.2	1.4	15.0	21.0
20	13.0	17.0	29.0	30.0	18.0	26.0	16.0	20.0	80.0	55.0	-	-	0.9	2.4	SW	SW	-	-	1.0	1.6	15.0	22.0
21	12.0	17.0	27.0	32.0	17.0	27.0	16.0	19.0	90.0	44.0	-	-	0.0	1.6	SW	SW	-	-	1.2	1.4	15.0	23.0
22	12.0	16.0	29.0	32.0	17.0	27.0	16.0	19.0	90.0	44.0	-	-	0.0	2.5	SW	SW	-	-	0.8	1.2	15.0	23.5
23	12.0	14.0	28.0	31.0	15.0	26.0	14.0	19.0	89.0	49.0	-	-	-	2.6	SW	SW	-	-	1.2	1.4	14.5	23.0
24	11.0	16.0	28.0	31.0	16.0	25.0	14.0	18.0	79.0	47.0	-	-	0.0	2.5	SW	SW	-	-	1.0	1.6	14.0	23.0
25	11.0	17.0	26.0	30.0	16.0	26.0	14.0	19.0	79.0	49.0	-	-	0.0	1.0	SW	SW	-	-	1.0	1.4	14.0	22.0
26	11.0	16.0	31.0	29.0	17.0	26.0	15.0	20.0	80.0	55.0	2.0	-	1.0	1.8	NE	NE	-	-	1.0	1.2	11.0	23.0
27	16.0	18.0	26.0	31.0	18.0	26.0	17.0	21.0	90.0	62.0	-	-	0.1	1.3	SW	SW	-	-	1.0	1.6	17.0	22.0
28	14.0	18.0	25.0	30.0	18.0	26.0	14.0	16.0	80.0	39.0	-	-	0.4	2.5	SW	SE	-	-	0.8	1.0	17.0	24.0
29	10.0	17.0	26.0	32.0	18.0	25.0	14.0	17.0	62.0	41.0	-	-	0.1	2.1	SW	SE	-	-	1.0	1.6	13.0	23.0
30	10.0	15.0	27.0	33.0	15.0	26.0	14.0	14.0	89.0	42.0	-	-	0.0	1.8	SE	SE	-	-	0.8	1.8	13.0	22.0
31	11.0		30.0		17.0		15.0		80.0		-	-	0.1		SE		-	-	0.8		13.0	
Total	333.0	471.0	833.0	898.0	491.0	758.0	436.0	553.0	2542.0	1592.0	2.0	-	6.0	45.2			-	-	27.4	40.2	417.0	664.0
Average	10.7	15.2	26.9	29.0	15.8	24.5	14.1	17.8	82.0	51.4	0.1	-	0.2	1.5			-	-			13.5	21.4
	13.0		27.9		20.1		16.0		66.7		0.0	-	0.8				0.0		67.6		17.4	

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	11.0	18.0	31.0	32.0	18.0	27.0	15.0	20.0	71.0	50.0	-	-	0.9	1.7	SE	NW	-	-	1.0	1.8	14.0	24.0
2	12.0	16.0	30.0	32.0	17.0	27.0	14.0	19.0	70.0	44.0	-	-	0.5	2.4	SW	NE	-	-	1.2	1.6	15.0	24.0
3	11.0	16.0	29.0	32.0	17.0	27.0	14.0	18.0	70.0	38.0	-	-	0.1	2.3	NE	NE	-	-	1.0	1.8	14.0	24.0
4	10.0	17.0	29.0	33.0	18.0	26.0	14.0	19.0	62.0	49.0	-	-	0.1	1.9	SE	NE	-	-	1.2	1.8	15.0	23.0
5	10.0	16.0	28.0	33.0	16.0	27.0	14.0	19.0	79.0	44.0	-	-	0.1	2.1	NE	SW	-	-	1.4	1.6	14.0	24.0
6	11.0	18.0	29.0	34.0	18.0	29.0	15.0	20.0	71.0	40.0	-	-	0.0	2.2	SW	NE	-	-	1.2	1.4	14.0	25.0
7	14.0	22.0	31.0	33.0	18.0	28.0	16.0	18.0	80.0	33.0	-	2.0	0.1	2.6	SW	SE	-	-	1.0	1.4	15.0	25.0
8	13.0	21.0	33.0	34.0	18.0	27.0	15.0	18.0	70.0	38.0	-	-	0.1	0.8	SE	SE	-	-	1.2	1.6	15.0	25.0
9	12.0	15.0	34.0	35.0	16.0	31.0	15.0	20.0	89.0	40.0	-	-	0.4	1.9	SW	SW	-	-	1.0	1.8	14.0	26.0
10	15.0	17.0	32.0	34.0	18.0	29.0	16.0	20.0	80.0	40.0	-	-	0.1	2.7	SW	NE	-	-	0.8	1.4	14.0	26.0
11	15.0	20.0	31.0	34.0	20.0	29.0	16.0	21.0	48.0	46.0	4.0	2.0	0.2	2.9	SW	NW	-	-	1.0	1.6	17.0	26.0
12	17.0	17.0	30.0	32.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	2.5	1.1	NW	SE	2.2	-	0.6	0.8	17.0	24.0
13	12.0	16.0	32.0	32.0	17.0	27.0	16.0	18.0	90.0	38.0	-	-	2.3	SE	SE	SW	-	-	0.6	1.2	17.0	25.0
14	15.0	20.0	32.0	33.0	20.0	30.0	18.0	22.0	80.0	47.0	-	-	0.0	2.0	SW	SW	-	-	1.0	1.6	14.0	26.0
15	14.0	18.0	32.0	33.0	19.0	29.0	17.0	19.0	81.0	35.0	-	-	0.2	2.2	SW	SE	-	-	0.8	1.2	17.0	27.0
16	13.0	19.0	30.0	34.0	18.0	30.0	15.0	22.0	71.0	80.0	2.0	2.0	0.0	2.2	SW	SE	-	-	1.0	1.4	16.0	27.0
17	14.0	18.0	33.0	34.0	19.0	28.0	16.0	20.0	72.0	45.0	-	-	0.1	2.1	SE	SE	-	-	1.0	1.8	16.0	26.0
18	13.0	18.0	30.0	35.0	19.0	30.0	16.0	21.0	72.0	42.0	-	-	0.0	2.1	SE	SE	-	-	1.4	1.6	16.5	27.0
19	14.0	19.0	31.0	35.0	20.0	30.0	17.0	21.0	73.0	42.0	-	-	0.1	3.0	SE	SE	-	-	1.6	2.0	17.0	27.5
20	14.0	17.0	32.0	36.0	18.0	30.0	15.0	21.0	71.0	42.0	4.0	4.0	0.1	2.6	SE	SE	-	-	1.4	2.0	17.0	27.5
21	16.0	22.0	32.0	38.0	23.0	31.0	17.0	20.0	52.0	32.5	2.0	-	0.2	3.7	SE	NE	-	-	1.8	2.2	18.0	28.0
22	16.0	21.0	33.0	37.0	21.0	32.0	17.0	20.0	65.0	29.0	-	2.0	0.0	2.6	NE	NE	-	-	2.0	2.4	18.0	27.0
23	15.0	21.0	33.0	36.0	21.0	31.0	17.0	20.0	65.0	34.0	2.0	-	0.2	3.1	NE	NE	-	-	2.0	2.2	17.0	28.0
24	15.0	21.0	32.0	34.0	19.0	28.0	14.0	19.0	54.0	39.0	2.0	-	0.0	3.3	NE	SE	-	-	2.0	2.2	15.0	27.0
25	13.0	18.0	30.0	34.0	19.0	28.0	15.0	18.0	63.0	33.0	-	-	0.0	2.2	NE	SE	-	-	1.4	2.0	14.0	27.0
26	11.0	18.0	30.0	36.0	19.0	31.0	15.0	20.0	63.0	34.0	-	-	0.0	2.1	SW	SE	-	-	2.0	2.2	14.0	28.0
27	11.0	19.0	33.0	37.0	22.0	31.0	15.0	19.0	43.0	27.5	-	-	0.1	2.4	SE	SW	-	-	2.0	2.2	15.0	28.5
28	14.0	33.0	-	-	23.0	-	15.0	-	38.0	-	2.0	-	0.1	-	SW	-	-	-	2.0	-	15.5	-
Total	371.0	515.0	875.0	955.0	529.0	801.0	436.0	552.0	1933.0	1198.0	18.0	8.0	6.2	63.7	-	-	2.2	-	36.6	48.2	435.0	725.5
Average	13.3	18.4	31.3	34.1	18.9	28.6	15.6	19.7	69.0	42.8	0.6	0.3	0.2	2.3	-	-	2.2	-	84.8	-	15.5	25.9
	15.8	-	32.7	-	23.8	-	17.6	-	55.9	-	0.5	-	1.2	-	-	-	-	-	-	-	20.7	-

* : One or more data missing tDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMDS I,CWC,Raipur
-0.0 .. N.A.

MARCH 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		22.0		37.0		31.0		19.0		27.5		-	1.3	1.8	SW	SE		-	2.0	2.4	16.0	29.0
1	14.0	20.0	34.0	38.0	20.0	33.0	17.0	22.0	73.0	35.0	-	-	1.3	1.8	SW	SE	-	-	2.0	2.4	16.0	29.5
2	15.0	22.0	35.0	37.0	22.0	32.0	17.0	20.0	58.0	29.0	-	-	0.1	3.5	SE	NW	-	-	2.0	2.6	17.0	30.0
3	17.0	22.0	34.0	38.0	23.0	33.0	18.0	21.0	59.0	29.0	-	-	0.2	2.5	NW	NE	-	-	2.2	2.4	18.0	31.0
4	18.0	22.5	35.0	37.0	23.0	33.0	19.0	22.0	67.0	35.0	2.0	-	0.5	3.7	NE	NE	-	-	2.0	2.4	19.0	31.5
5	17.0	21.0	34.0	36.0	22.0	32.0	18.0	21.0	66.0	34.0	-	4.0	0.1	2.8	NE	SE	-	-	2.2	2.6	18.0	31.0
6	17.0	22.0	34.0	35.0	24.0	30.0	14.0	18.0	27.0	36.0	8.0	-	0.9	3.7	SW	SW	-	-	2.0	2.2	18.0	30.0
7	15.0	21.0	32.0	35.0	21.0	32.0	15.0	20.0	49.0	29.0	-	-	0.1	2.1	SW	NW	-	-	2.0	2.4	16.0	29.0
8	21.0	21.0	33.0	34.0	21.0	31.0	19.0	23.0	82.0	49.0	-	4.0	0.7	2.4	NW	NW	-	1.6	1.8	2.0	20.0	28.0
9	20.0	22.0	32.0	35.0	24.0	32.0	22.0	21.0	83.0	34.0	-	2.0	1.4	3.4	SW	NE	-	-	1.6	1.8	21.0	29.0
10	19.0	20.0	33.0	31.0	20.0	29.0	19.0	22.0	91.0	52.0	4.0	6.0	0.6	3.4	SW	NW	4.8	-	1.6	1.8	20.0	28.0
11	19.0	21.0	31.0	33.0	21.0	29.0	16.0	19.0	57.0	35.0	8.0	-	1.6	4.5	SE	SW	-	-	2.0	2.2	19.0	28.0
12	16.0	21.0	30.0	32.0	21.0	28.0	15.0	18.0	49.0	33.0	-	-	0.4	4.6	SW	SE	-	-	2.0	2.8	18.0	27.5
13	12.0	18.0	30.0	34.0	19.0	30.0	14.0	20.0	54.0	36.0	-	-	0.1	0.1	NE	SW	-	-	2.4	2.6	16.0	26.0
14	14.0	20.0	31.0	34.0	21.0	32.0	14.0	20.0	42.0	29.0	-	-	0.0	-	SW	SW	-	-	2.0	2.8	17.0	28.0
15	15.0	21.0	32.0	34.0	22.0	33.0	15.0	19.0	43.0	23.0	4.0	2.0	0.4	3.1	SE	SE	-	-	2.0	2.4	18.0	29.0
16	14.0	20.0	32.0	33.0	20.0	32.0	14.0	20.0	48.0	29.0	-	-	0.0	1.0	SE	SE	-	-	1.8	2.4	17.0	28.0
17	14.0	22.0	33.0	35.0	22.0	29.0	17.0	21.0	58.0	46.0	-	2.0	2.4	4.0	SW	SE	-	-	2.0	2.6	18.0	29.0
18	17.0	24.0	33.0	37.0	24.0	34.0	19.0	20.0	60.0	23.0	4.0	2.0	0.4	2.7	SW	NE	-	-	2.0	2.4	19.0	30.0
19	17.0	24.0	35.0	38.0	25.0	33.0	18.0	20.0	47.0	25.5	2.0	2.0	0.2	3.1	NE	NE	-	-	2.8	2.6	18.0	30.0
20	17.0	22.0	34.0	35.0	23.0	32.0	19.0	19.0	67.0	24.0	2.0	-	1.9	3.6	SE	SE	1.0	-	2.0	2.4	19.0	29.0
21	15.0	24.0	33.0	38.0	24.0	32.0	17.0	19.0	46.0	24.0	-	-	0.2	2.5	SE	SE	-	-	2.4	2.8	17.5	28.5
22	16.0	22.0	34.0	39.0	23.0	34.0	17.0	22.0	52.0	32.0	2.0	-	0.1	2.3	SE	SE	-	-	2.6	2.8	19.0	29.0
23	18.0	24.0	33.0	38.0	24.0	32.0	19.0	20.0	60.0	29.0	-	2.0	0.1	2.5	SE	SE	-	-	2.4	3.0	20.0	30.0
24	19.0	27.0	37.0	40.0	27.0	38.0	20.0	24.0	60.0	28.0	-	2.0	1.3	2.4	SE	SE	-	-	2.6	3.0	21.0	32.0
25	21.0	26.0	40.0	42.0	28.0	36.0	21.0	23.0	51.0	30.0	2.0	-	0.4	2.4	SE	NE	-	-	2.8	3.6	21.0	31.0
26	21.0	27.0	40.0	41.0	28.0	37.0	20.0	23.0	45.0	26.0	4.0	-	0.2	2.8	NE	NE	-	-	2.8	3.0	20.0	31.0
27	21.0	27.0	38.0	42.0	29.0	38.0	20.0	24.0	40.0	28.0	4.0	-	0.1	2.7	NE	SE	-	-	2.0	3.6	20.0	31.0
28	22.0	30.0	39.0	43.0	29.0	40.0	21.0	24.0	46.0	23.0	-	2.0	0.1	3.2	SE	SE	-	-	1.8	3.4	21.0	32.0
29	21.0	27.0	42.0	43.0	32.0	39.0	21.0	29.0	39.0	39.0	6.0	-	0.4	3.7	SE	SE	-	-	1.6	3.0	22.0	32.0
30	21.0	27.0	40.0	44.0	28.0	40.0	21.0	24.0	51.0	23.0	2.0	4.0	0.7	4.1	SE	SE	-	-	1.8	3.0	21.0	33.0
31	21.0		42.0		29.0		20.0		61.0		2.0		1.0		SE				2.0		21.0	
Total	544.0	709.5	1075.0	1148.0	739.0	1026.0	556.0	657.0	1731.0	975.0	56.0	34.0	17.8	85.7			5.8	5.8*	65.2	80.8	585.5	920.0
Average	17.5	22.9	34.7	37.0	23.8	33.1	17.9	21.2	55.8	31.5	1.8	1.1	0.6	2.8							18.9	29.7
	20.2		35.9		28.5		19.6		43.6		1.5		1.7				7.4*		146.0		24.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhira
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

APRIL 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		22.0		37.0		31.0		19.0		27.5		-		1.3		SW		-		2.0		29.0
1	14.0	20.0	34.0	38.0	20.0	33.0	17.0	22.0	73.0	35.0	-	-	1.3	1.8	SW	SE	-	-	2.0	2.4	16.0	29.5
2	15.0	22.0	35.0	37.0	22.0	32.0	17.0	20.0	58.0	29.0	-	-	0.1	3.5	SE	NW	-	-	2.0	2.6	17.0	30.0
3	17.0	22.0	34.0	38.0	23.0	33.0	18.0	21.0	59.0	29.0	-	-	0.2	2.5	NW	NE	-	-	2.2	2.4	18.0	31.0
4	18.0	22.5	35.0	37.0	23.0	33.0	19.0	22.0	67.0	35.0	2.0	-	0.5	3.7	NE	NE	-	-	2.0	2.4	19.0	31.5
5	17.0	21.0	34.0	36.0	22.0	32.0	18.0	21.0	66.0	34.0	-	4.0	0.1	2.8	NE	SE	-	-	2.2	2.6	18.0	31.0
6	17.0	22.0	34.0	35.0	24.0	30.0	14.0	18.0	27.0	36.0	8.0	-	0.9	3.7	SW	SW	-	-	2.0	2.2	18.0	30.0
7	15.0	21.0	32.0	35.0	21.0	32.0	15.0	20.0	49.0	29.0	-	-	0.1	2.1	SW	NW	-	-	2.0	2.4	16.0	29.0
8	21.0	21.0	33.0	34.0	21.0	31.0	19.0	23.0	82.0	49.0	-	4.0	0.7	2.4	NW	NW	-	-	1.6	2.0	20.0	28.0
9	20.0	22.0	32.0	35.0	24.0	32.0	22.0	21.0	83.0	34.0	-	2.0	1.4	3.4	SW	NE	-	1.6	1.8	1.6	21.0	29.0
10	19.0	20.0	33.0	31.0	20.0	29.0	19.0	22.0	91.0	52.0	4.0	6.0	0.6	3.4	SW	NW	4.8	-	1.6	1.8	20.0	28.0
11	19.0	21.0	31.0	33.0	21.0	29.0	16.0	19.0	57.0	35.0	8.0	-	1.6	4.5	SE	SW	-	-	2.0	2.2	19.0	28.0
12	16.0	21.0	30.0	32.0	21.0	28.0	15.0	18.0	49.0	33.0	-	-	0.4	4.6	SW	SE	-	-	2.0	2.8	18.0	27.5
13	12.0	18.0	30.0	34.0	19.0	30.0	14.0	20.0	54.0	36.0	-	-	0.1	0.1	NE	SW	-	-	2.4	2.6	16.0	26.0
14	14.0	20.0	31.0	34.0	21.0	32.0	14.0	20.0	42.0	29.0	-	-	0.0	-	SW	SW	-	-	2.0	2.8	17.0	28.0
15	15.0	21.0	32.0	34.0	22.0	33.0	15.0	19.0	43.0	23.0	4.0	2.0	0.4	3.1	SE	SE	-	-	2.0	2.4	18.0	29.0
16	14.0	20.0	32.0	33.0	20.0	32.0	14.0	20.0	48.0	29.0	-	-	0.0	1.0	SE	SE	-	-	1.8	2.4	17.0	28.0
17	14.0	22.0	33.0	35.0	22.0	29.0	17.0	21.0	58.0	46.0	-	2.0	2.4	4.0	SW	SE	-	-	2.0	2.6	18.0	29.0
18	17.0	24.0	33.0	37.0	24.0	34.0	19.0	20.0	60.0	23.0	4.0	2.0	0.4	2.7	SW	NE	-	-	2.0	2.4	19.0	30.0
19	17.0	24.0	35.0	38.0	25.0	33.0	18.0	20.0	47.0	25.5	2.0	2.0	0.2	3.1	NE	NE	-	-	2.8	2.6	18.0	30.0
20	17.0	22.0	34.0	35.0	23.0	32.0	19.0	19.0	67.0	24.0	2.0	-	1.9	3.6	SE	SE	1.0	-	2.0	2.4	19.0	29.0
21	15.0	24.0	33.0	38.0	24.0	32.0	17.0	19.0	46.0	24.0	-	-	0.2	2.5	SE	SE	-	-	2.4	2.8	17.5	28.5
22	16.0	22.0	34.0	39.0	23.0	34.0	17.0	22.0	52.0	32.0	2.0	-	0.1	2.3	SE	SE	-	-	2.6	2.8	19.0	29.0
23	18.0	24.0	33.0	38.0	24.0	32.0	19.0	20.0	60.0	29.0	-	2.0	0.1	2.5	SE	SE	-	-	2.4	3.0	20.0	30.0
24	19.0	27.0	37.0	40.0	27.0	38.0	20.0	24.0	60.0	28.0	-	2.0	1.3	2.4	SE	SE	-	-	2.6	3.0	21.0	32.0
25	21.0	26.0	40.0	42.0	28.0	36.0	21.0	23.0	51.0	30.0	2.0	-	0.4	2.4	SE	NE	-	-	2.8	3.6	21.0	31.0
26	21.0	27.0	40.0	41.0	28.0	37.0	20.0	23.0	45.0	26.0	4.0	-	0.2	2.8	NE	NE	-	-	2.8	3.0	20.0	31.0
27	21.0	27.0	38.0	42.0	29.0	38.0	20.0	24.0	40.0	28.0	4.0	-	0.1	2.7	NE	SE	-	-	2.0	3.6	20.0	31.0
28	22.0	30.0	39.0	43.0	29.0	40.0	21.0	24.0	46.0	23.0	-	2.0	0.1	3.2	SE	SE	-	-	1.8	3.4	21.0	32.0
29	21.0	27.0	42.0	43.0	32.0	39.0	21.0	29.0	39.0	39.0	6.0	-	0.4	3.7	SE	SE	-	-	1.6	3.0	22.0	32.0
30	21.0	27.0	40.0	44.0	28.0	40.0	21.0	24.0	51.0	23.0	2.0	4.0	0.7	4.1	SE	SE	-	-	1.8	3.0	21.0	33.0
31	21.0	27.0	42.0	42.0	29.0	39.0	20.0	20.0	61.0	20.0	2.0	-	1.0	-	SE	SE	-	-	2.0	-	21.0	-
Total	544.0	709.5	1075.0	1148.0	739.0	1026.0	556.0	657.0	1731.0	975.0	56.0	34.0	17.8	85.7	-	-	5.8	5.8*	65.2	80.8	585.5	920.0
Average	17.5	22.9	34.7	37.0	23.8	33.1	17.9	21.2	55.8	31.5	1.8	1.1	0.6	2.8	-	-	7.4*	-	146.0	-	18.9	29.7
	20.2		35.9		28.5		19.6		43.6		1.5		1.7								24.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMP00A4
Local River/Basin : Seonath

Station Name : Jondhra
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

MAY 2017																							
	Min Temperature (°c)		Max Temperature (°c)		Dry Bulb Temp. (°c)		Wet Bulb Temp. °c		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°c)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		32.0		38.0		26.0		45.0		41.0		45.0		6.0		5.4		NE		3.0		34.0	
1	30.0	33.0	40.0	41.0	34.0	38.0	24.0	26.0	41.0	45.0	6.0	2.0	4.4	6.7	NE	NE	-	-	2.6	3.4	23.0	33.5	
2	25.0	32.0	39.0	43.0	33.0	40.0	25.0	28.0	50.0	38.0	2.0	2.0	2.1	4.3	NE	SE	-	-	3.0	4.0	21.0	34.0	
3	26.0	35.0	40.0	44.0	35.0	40.0	26.0	28.0	47.0	38.0	2.0	-	0.7	3.6	SE	SE	-	-	2.0	3.2	22.0	35.0	
4	27.0	32.0	41.0	44.0	32.0	40.0	26.0	30.0	61.0	47.0	6.0	2.0	1.7	4.6	NE	NE	-	-	2.6	3.0	23.0	35.0	
5	27.0	36.0	41.0	45.0	38.0	40.0	28.0	30.0	45.0	47.0	4.0	6.0	1.7	4.3	NE	NE	-	-	2.4	3.4	23.0	36.0	
6	30.0	34.0	42.0	45.0	36.0	36.0	28.0	30.0	53.0	43.0	2.0	8.0	2.5	3.5	NE	NE	-	-	3.0	3.8	24.0	36.0	
7	24.0	29.0	38.0	43.0	30.0	40.0	27.0	32.0	53.0	56.0	2.0	4.0	4.4	4.8	NE	NE	-	-	2.6	3.4	23.0	35.0	
8	25.0	32.0	41.0	43.0	34.0	40.0	28.0	32.0	62.0	56.0	2.0	4.0	3.4	6.3	NE	SE	-	-	2.4	3.6	24.0	35.0	
9	27.0	34.0	42.0	43.0	34.0	40.0	29.0	32.0	68.0	56.0	6.0	-	2.6	3.9	NW	SE	-	-	3.0	3.8	23.0	35.5	
10	28.0	31.0	41.0	42.0	31.0	40.0	27.0	32.0	72.5	56.0	2.0	2.0	3.4	4.1	NW	NE	-	-	4.0	4.4	23.0	36.0	
11	28.0	28.0	40.0	43.0	35.0	30.0	30.0	29.0	68.5	78.0	4.0	6.0	1.6	6.5	NW	NE	-	-	3.8	4.2	24.0	35.0	
12	25.0	32.0	34.0	42.0	34.0	40.0	30.0	32.0	74.0	56.0	2.0	2.0	1.9	3.3	NE	SE	-	-	3.0	4.0	22.0	36.0	
13	28.0	34.0	40.0	44.0	36.0	40.0	31.0	34.0	69.0	66.0	4.0	4.0	1.0	5.0	NW	NE	-	-	2.6	3.8	23.0	35.0	
14	29.0	36.0	42.0	46.0	34.0	43.0	32.0	35.0	86.0	57.5	4.0	-	4.9	5.1	NW	NW	-	-	2.8	4.4	23.5	37.0	
15	31.0	38.0	43.0	48.0	39.0	44.0	33.0	37.0	65.0	63.0	6.0	-	3.6	5.4	NE	SE	-	-	4.0	4.6	26.0	38.0	
16	32.0	38.0	45.0	48.0	39.0	45.0	34.0	38.0	70.5	63.5	4.0	2.0	2.4	4.8	NE	SE	-	-	4.4	4.6	26.5	38.0	
17	30.0	39.0	45.0	47.0	39.0	44.0	34.0	37.0	70.5	63.0	4.0	4.0	2.2	5.4	NE	SE	-	-	4.2	4.6	26.5	37.5	
18	31.0	36.0	45.0	47.0	36.0	42.0	33.0	36.0	81.0	67.0	6.0	2.0	2.4	4.4	SW	NE	-	-	3.8	4.0	26.0	37.0	
19	26.0	30.0	43.0	44.0	32.0	42.0	29.0	35.0	79.0	62.0	6.0	4.0	3.6	3.8	SW	NE	-	-	3.2	3.8	25.0	36.0	
20	29.0	37.0	42.0	46.0	38.0	42.0	34.0	36.0	75.0	67.0	2.0	4.0	1.9	4.2	NW	SE	-	-	3.0	3.6	26.0	37.0	
21	29.0	38.0	43.0	46.0	36.0	44.0	33.0	37.0	81.0	63.0	4.0	4.0	1.7	2.5	SW	SE	-	-	3.2	4.0	26.0	37.0	
22	30.0	37.0	44.0	45.0	38.0	44.0	34.0	40.0	75.0	78.0	4.0	4.0	1.6	3.8	SW	SW	-	-	3.6	4.2	27.0	38.0	
23	28.0	40.0	46.0	46.0	40.0	42.0	37.0	38.0	82.0	77.0	2.0	-	1.7	4.2	SW	SW	-	-	3.2	4.6	27.0	38.0	
24	27.0	37.0	43.0	46.0	38.0	43.0	36.0	39.0	87.0	77.5	6.0	-	0.4	4.9	SW	SE	-	-	3.0	4.6	26.0	37.5	
25	30.0	32.0	43.0	46.0	34.0	44.0	33.0	41.0	93.0	83.0	4.0	-	0.8	4.2	SE	SE	-	-	3.4	4.4	26.0	37.0	
26	32.0	36.0	44.0	47.0	37.0	44.0	36.0	41.0	93.5	83.0	6.0	2.0	1.2	4.4	NE	SE	-	-	3.6	4.8	27.0	38.0	
27	30.0	22.0	45.0	45.0	34.0	29.0	33.0	22.0	93.0	83.0	2.0	6.0	4.0	5.1	NW	SE	-	-	21.2	3.8	4.8	26.0	30.0
28	22.0	32.0	42.0	42.0	32.0	34.0	30.0	32.0	86.0	86.0	-	2.0	0.8	2.2	SW	SW	0.8	0.8	3.6	4.0	25.0	32.0	
29	25.0	31.0	35.0	40.0	32.0	29.0	31.0	28.0	93.0	92.0	2.0	2.0	1.9	1.9	NE	NE	-	0.6	2.8	3.4	24.0	30.0	
30	27.0	32.0	40.0	42.0	33.0	38.0	30.0	34.0	79.5	75.0	2.0	2.0	2.0	6.1	NE	SE	-	-	3.6	4.2	26.0	31.0	
31	28.0	39.0	39.0	33.0	33.0	33.0	31.0	31.0	86.0	86.0	4.0	-	2.6	-	NE	NE	-	-	3.4	-	26.0	-	
Total	866.0	1045.0	1288.0	1376.0	1086.0	1235.0	952.0	1027.0	2240.0	1967.5	112.0	86.0	71.0	138.4	-	-	0.8	0.8	99.6	123.6	763.5	1100.0	
Average	27.9	33.7	41.5	44.4	35.0	39.8	30.7	33.1	72.3	63.5	3.6	2.8	2.3	4.5	-	-	-	-	24.6	35.5	-	-	
	30.8	43.0	37.4	31.9	67.9	3.2	3.4	3.4	22.6	22.6	3.4	3.4	3.4	3.4	-	-	-	-	223.2	30.1	-	-	

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raiput

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	35.5	40.0	39.0	44.0	32.5	41.5	28.5	35.5	73.5	66.5	11.0	43.0	0.7	4.8	NE	NE	-	-	2.7	4.6	33.5	41.0
2	35.0	39.0	39.0	42.0	32.0	42.0	28.0	35.0	73.0	62.0	30.0	35.0	2.0	3.9	NE	NE	-	-	2.7	4.5	33.0	40.0
3	34.0	38.0	38.0	40.0	30.0	38.0	27.0	32.5	78.0	67.0	24.0	28.0	1.6	3.1	NE	NE	2.6	-	2.0	4.4	32.5	38.0
4	32.0	36.0	36.0	38.0	30.0	37.0	27.0	32.0	78.0	69.5	29.0	29.0	1.9	3.2	NE	NE	0.8	-	2.0	4.2	32.0	36.0
5	32.5	36.0	36.0	38.0	30.0	38.0	27.0	30.0	78.0	54.0	20.0	28.0	1.3	3.1	NE	NE	-	-	2.4	4.0	30.0	34.0
6	33.0	38.0	38.0	40.0	32.0	40.0	29.0	32.0	79.0	56.0	22.0	20.0	1.5	2.2	NE	NE	-	-	2.6	4.5	32.0	36.0
7	35.0	39.0	40.0	43.0	33.5	39.0	29.5	34.0	73.5	70.5	10.0	20.0	0.7	2.2	NE	NE	-	-	2.8	4.8	33.0	37.0
8	32.0	40.0	39.0	42.0	30.0	39.0	27.0	34.0	78.0	70.5	52.0	51.0	3.5	5.7	NE	NE	-	-	3.0	4.8	32.0	37.0
9	35.0	38.0	40.0	42.5	32.0	38.5	29.0	33.0	79.0	67.5	59.0	65.0	3.9	7.2	NE	NE	-	-	3.0	4.8	33.0	36.5
10	34.0	40.0	39.0	44.0	34.0	42.0	30.0	35.0	74.0	62.0	43.0	61.0	2.9	6.8	NW	NW	-	-	3.0	4.8	32.0	43.0
11	33.0	38.0	38.5	42.0	33.0	38.0	29.0	32.0	73.5	64.0	35.0	64.0	2.3	7.1	NW	NW	-	-	3.0	4.6	31.0	40.0
12	32.0	35.0	38.0	40.0	32.0	34.0	29.0	30.0	79.0	74.0	65.0	54.0	4.3	6.0	NW	NW	-	-	2.9	4.6	30.0	39.0
13	31.0	39.0	37.0	43.0	30.0	36.0	28.0	32.0	85.0	75.0	59.0	51.0	3.9	5.7	SW	SW	2.6	-	0.2	4.8	29.0	40.0
14	30.0	41.0	35.0	44.0	28.0	41.0	26.0	35.0	85.0	66.5	70.0	75.0	4.7	8.3	SW	SW	-	-	2.8	4.8	28.0	43.0
15	31.0	41.0	36.0	43.0	30.0	41.0	27.0	34.0	78.0	62.5	58.0	71.0	3.9	7.9	SW	SW	-	-	2.8	4.8	29.0	43.0
16	32.0	33.0	37.0	38.0	31.0	32.0	28.0	30.0	78.5	86.0	33.0	38.0	2.2	4.2	SW	SW	-	4.2	2.8	0.2	30.0	32.5
17	29.0	32.0	34.0	36.0	28.0	30.0	26.0	28.0	85.0	85.0	10.0	29.0	0.7	3.2	SW	SW	-	7.6	2.4	4.2	28.0	30.0
18	27.0	33.0	32.0	38.0	26.0	33.5	25.0	30.0	92.0	76.5	20.0	18.0	1.3	2.0	SW	SW	4.2	-	2.2	4.0	26.5	33.0
19	28.0	39.0	33.0	44.0	29.0	34.0	27.0	31.0	85.0	80.0	11.0	22.0	0.7	2.4	SW	SW	8.4	-	2.2	4.2	28.0	35.0
20	32.0	40.0	34.0	45.0	32.0	35.5	30.0	32.5	86.0	81.0	10.0	24.0	0.7	2.7	NE	NE	3.2	-	2.2	4.0	26.0	30.0
21	30.0	39.5	32.0	44.0	31.5	37.0	28.0	32.0	78.5	66.5	17.0	30.0	1.1	3.3	NE	NE	-	-	2.4	4.0	25.5	31.0
22	31.0	40.0	33.0	45.0	32.0	37.5	28.0	32.0	73.0	66.5	8.0	36.0	0.5	4.0	NE	NE	-	-	2.6	4.2	26.0	31.5
23	32.0	39.0	34.0	44.0	32.5	33.5	29.0	31.0	79.5	82.0	17.0	31.0	1.1	3.4	NE	NE	11.4	-	2.4	4.2	27.0	31.0
24	28.0	36.0	30.0	42.0	27.5	32.0	25.0	29.5	81.0	82.0	37.0	30.0	2.5	3.3	NW	NW	12.6	-	2.2	4.2	24.0	30.0
25	30.0	39.0	33.0	44.0	31.0	34.5	29.0	30.0	78.0	75.5	4.0	17.0	0.3	1.9	NW	NW	-	-	2.4	4.2	26.0	32.0
26	29.0	30.0	32.5	33.0	30.0	31.0	28.0	29.0	85.0	78.5	8.0	28.0	0.5	3.1	NW	NW	-	30.8	2.6	4.0	25.0	27.0
27	28.0	31.0	31.0	34.0	28.0	32.0	26.0	29.0	85.0	79.0	14.0	18.0	0.9	2.0	NW	NW	-	-	2.4	4.0	24.0	26.0
28	27.0	31.0	30.0	34.0	27.0	32.0	26.0	29.0	92.0	79.0	28.0	28.0	1.9	3.1	NW	NW	79.0	1.0	2.0	3.0	23.0	27.0
29	29.0	31.5	32.0	34.5	28.5	33.0	27.0	29.0	88.0	73.5	24.0	43.0	1.6	4.8	NE	NE	-	-	2.2	3.4	24.0	28.0
30	30.0	33.0	33.0	33.0	30.0	30.0	27.5	27.5	82.0	26.0	26.0	26.0	1.7	1.7	NE	NE	-	-	2.4	2.4	26.0	26.0
Total	937.0	1072.0	1059.0	1181.0	913.0	1052.5	830.5	918.0	2413.0	2078.5	854.0	1087.0	56.8	120.6			124.8	43.6	73.3	120.8	859.0	1007.5
Average	31.2	37.0	35.3	40.7	30.4	36.3	27.7	31.7	80.4	71.7	28.5	37.5	1.9	4.2			4.2	1.5			28.6	34.7
	34.1		38.0		33.4		29.7		76.1		33.0		3.0				2.8		194.1		31.7	

* : One or more data missing LDoPM : Last day of previous mont

Twice Daily Climatic Data

Station Code : EMN00B3
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raipuu

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	31.0	33.5	34.0	39.0	31.0	36.0	28.0	31.0	78.5	69.0	2.0	2.0	0.3	0.8	NE	NE	-	-	2.6	4.0	27.0	31.0
2	27.0	27.0	30.0	38.0	27.0	29.0	26.0	28.0	92.0	92.0	2.0	2.0	3.7	0.9	NE	NW	10.4	16.2	2.2	2.2	25.0	27.0
3	26.5	29.0	28.0	32.0	26.0	29.0	25.0	27.0	92.0	85.0	4.0	2.0	3.4	7.2	NW	NW	1.8	-	1.8	3.8	25.5	28.0
4	26.0	29.5	28.0	32.5	27.5	29.5	26.0	27.0	88.0	81.5	4.0	4.0	6.0	8.3	NW	NW	2.6	-	1.8	3.0	25.0	28.5
5	25.0	28.5	27.0	31.5	26.0	29.5	25.0	27.0	92.0	81.5	2.0	4.0	7.1	7.2	SW	SW	14.8	1.4	1.6	2.4	24.0	27.5
6	24.0	25.0	25.5	27.0	24.5	25.0	23.0	24.0	87.5	92.0	4.0	2.0	7.1	9.5	SW	SW	9.8	12.4	1.0	1.4	24.5	25.5
7	25.0	25.5	27.0	27.5	26.0	26.0	25.0	25.0	92.0	92.0	6.0	2.0	5.6	7.3	SW	SW	20.4	2.0	1.4	1.0	25.0	25.5
8	24.5	27.0	26.0	30.0	24.5	28.0	24.0	26.0	95.0	85.0	2.0	-	5.7	0.7	SW	SW	7.6	-	0.6	2.5	24.5	26.5
9	26.0	28.0	28.0	30.5	27.0	29.5	25.0	27.0	84.0	81.5	4.0	-	1.2	1.3	SW	SW	-	-	1.4	2.6	26.0	27.0
10	26.0	29.0	28.0	30.0	27.0	30.0	26.0	28.0	92.0	85.5	-	-	2.6	2.0	SW	SW	5.0	0.6	1.2	2.6	25.5	26.0
11	25.0	28.0	27.5	29.5	26.0	29.0	25.0	27.0	92.0	85.5	2.0	-	2.7	2.0	SW	SW	2.4	-	1.2	2.8	24.5	27.5
12	25.0	26.0	27.5	28.0	26.0	27.5	25.0	25.5	92.0	84.5	2.0	4.0	1.6	5.0	SW	SW	-	-	1.5	2.8	24.0	27.0
13	24.0	26.5	27.0	28.0	25.0	27.0	24.5	26.0	96.0	92.0	2.0	2.0	5.3	5.0	SW	SW	4.8	3.2	1.2	2.6	24.0	26.5
14	25.0	26.0	27.0	28.0	26.0	27.5	25.0	26.0	88.0	92.0	2.0	2.0	1.7	4.3	SW	NW	2.6	35.0	1.2	2.0	25.0	25.5
15	26.5	27.0	28.5	29.0	28.0	28.5	26.0	26.5	85.0	84.0	2.0	4.0	1.4	4.6	NW	NW	5.0	2.4	1.0	2.0	26.0	26.5
16	24.0	26.5	27.0	28.5	25.0	27.0	24.0	25.0	92.0	84.0	4.0	2.0	3.4	4.9	NW	NW	42.8	9.4	1.0	1.4	24.0	26.0
17	26.0	28.5	28.0	31.0	26.0	30.0	25.0	27.5	92.0	82.0	4.0	2.0	1.7	5.3	NW	NW	6.6	-	0.8	2.0	25.0	28.0
18	26.5	27.5	28.5	30.0	27.0	28.0	25.0	26.0	84.0	85.0	2.0	-	1.7	3.7	NW	NW	17.2	-	0.8	2.2	25.0	27.0
19	24.0	28.0	26.0	30.5	25.0	28.0	24.5	26.0	96.0	85.0	2.0	-	2.9	3.6	NW	NW	8.4	1.6	0.6	1.8	24.0	27.5
20	26.0	28.0	28.0	30.0	26.0	26.5	25.5	26.0	96.0	96.0	2.0	2.0	2.9	2.6	NW	NW	-	26.4	1.2	2.4	25.5	27.0
21	27.0	28.5	29.0	31.0	27.0	30.0	26.0	27.0	92.0	78.0	2.0	-	0.5	0.6	NW	NW	-	-	1.4	3.2	26.0	28.0
22	26.0	29.0	27.5	31.0	26.5	30.5	25.0	28.0	88.0	82.0	2.0	-	0.5	0.7	NW	NW	25.2	0.6	1.2	3.4	25.5	28.5
23	26.5	28.0	28.0	30.0	26.0	28.0	25.0	26.5	92.0	88.0	2.0	4.0	0.3	1.3	NW	NW	-	2.8	1.2	2.0	26.0	29.0
24	27.0	29.5	28.0	32.0	27.0	31.0	26.0	29.0	92.0	85.0	-	-	0.3	1.0	NW	NW	-	-	1.3	2.6	27.0	30.0
25	28.5	30.0	30.0	32.5	28.5	29.0	27.0	27.0	88.0	85.0	-	-	0.1	2.1	NW	NW	-	-	1.5	2.8	28.0	31.0
26	27.0	28.0	29.0	30.0	26.0	29.0	25.0	25.0	92.0	71.0	-	0.8	0.3	2.4	NW	NW	-	0.6	1.6	2.0	27.0	29.5
27	27.0	29.0	29.5	31.0	26.5	29.0	25.0	27.5	88.0	89.0	-	-	0.1	2.5	NW	NW	1.2	-	1.4	2.8	27.5	30.0
28	28.5	30.0	30.5	33.0	28.5	32.5	26.5	29.0	84.0	76.0	-	-	0.3	3.5	NW	NW	-	-	1.5	3.0	28.5	31.5
29	28.5	30.5	30.5	33.0	28.5	30.5	26.0	28.0	81.0	82.0	-	-	0.9	3.1	NW	NW	-	-	1.6	3.3	29.0	31.0
30	29.5	31.0	31.0	33.0	29.0	31.5	27.0	28.0	85.0	75.5	-	-	0.8	1.7	NW	NW	-	-	2.2	3.5	29.5	32.0
31	25.5	27.0	27.0	29.0	25.0	25.0	24.5	24.5	96.0	96.0	-	-	0.6	0.6	NW	NW	31.2	-	1.2	-	25.0	-
Total	814.0	884.5	876.5	968.0	825.0	912.5	785.5	842.5	2785.0	2598.0	60.0	70.8	72.7	108.4	-	-	219.8	114.6	42.2	80.7	798.0	881.5
Average	26.3	28.5	28.3	31.2	26.6	29.4	25.3	27.2	89.8	83.8	1.9	2.3	2.3	3.5	-	-	7.1	3.7	-	-	25.7	28.4
	27.4		29.8		28.0		26.3		86.8		2.1		2.9				5.4		122.9		27.1	

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raiput

AUGUST 2016

	Min Temperature (°c)		Max Temperature (°c)		Dry Bulb Temp. (°c)		Wet Bulb Temp. °c		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°c)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30		
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30		
LPoPM		32.5		36.0		34.0		30.0		74.0		2.0		4.6		NE		3.8				
1	27.0	30.0	30.0	32.0	26.0	30.0	25.0	27.0	92.0	82.0	2.0	1.5	2.6	2.6	NW	NW	39.4	1.0	4.1	27.0	31.5	
2	28.0	30.0	30.5	33.0	28.0	29.0	27.5	28.0	96.0	92.0	2.0	-	2.0	1.0	NW	NW	-	1.2	2.6	27.5	32.0	
3	27.0	29.0	29.0	31.0	26.0	28.0	26.0	27.0	96.0	92.0	2.0	2.0	2.6	3.5	NW	NW	8.4	1.0	2.4	26.5	28.5	
4	26.0	27.0	28.0	28.5	25.0	26.5	24.0	25.0	96.0	96.0	2.0	2.0	1.7	2.8	NW	NW	3.2	0.8	1.4	25.5	28.0	
5	25.0	28.0	28.0	29.5	25.5	28.0	25.0	26.0	96.0	88.0	2.0	2.0	1.6	1.1	NW	NW	8.0	0.9	3.0	25.0	27.0	
6	26.0	25.0	28.0	28.0	26.0	26.5	25.0	25.0	92.0	92.0	2.0	4.0	2.1	3.7	NW	NW	11.0	1.0	2.5	25.0	27.0	
7	25.0	25.0	27.0	27.0	25.0	26.5	24.0	24.0	92.0	80.0	6.0	2.0	5.0	4.3	SW	SW	39.2	0.8	1.6	24.0	25.0	
8	25.0	26.0	27.0	30.0	25.5	29.0	25.0	26.0	96.0	78.0	6.0	2.0	2.7	4.1	SW	NW	-	1.2	2.5	24.0	27.0	
9	24.0	26.0	30.0	31.0	27.0	28.0	25.0	26.5	84.0	88.0	2.0	4.0	1.7	3.5	NW	NW	-	1.0	2.4	25.0	28.0	
10	25.0	25.0	29.0	30.0	25.0	28.0	24.0	26.0	92.0	85.0	2.0	2.0	2.2	0.6	NW	NW	6.4	0.8	2.4	25.5	27.5	
11	27.0	26.0	30.0	29.0	26.5	26.0	25.0	25.0	88.0	88.0	4.0	2.0	3.6	4.7	NW	NW	7.2	1.0	2.0	26.0	27.0	
12	26.0	26.5	28.0	30.0	26.0	28.0	25.0	26.0	92.0	85.0	4.0	4.0	2.4	4.4	NW	SW	3.4	0.8	2.2	26.0	28.0	
13	26.0	27.0	29.0	30.0	26.0	29.0	25.0	27.0	88.0	85.0	2.0	8.0	2.9	4.2	SW	SW	-	1.0	2.0	27.0	29.0	
14	26.5	27.5	30.0	31.0	27.0	30.0	26.0	27.5	92.0	78.5	2.0	2.0	3.1	4.8	SW	SW	-	1.0	2.4	27.0	30.0	
15	26.0	28.0	27.0	31.0	27.0	28.0	25.5	26.0	88.0	85.0	8.0	4.0	3.0	4.9	SW	SW	-	1.0	2.4	26.0	29.0	
16	27.0	29.0	30.0	31.0	27.0	27.0	25.0	26.0	84.0	92.0	2.0	2.0	2.7	4.2	NW	NW	1.6	1.0	2.6	27.0	30.0	
17	24.0	23.0	29.0	26.0	24.0	26.0	23.0	24.0	91.0	84.0	2.0	4.0	3.3	3.7	SW	NW	2.6	0.8	1.6	25.0	24.0	
18	24.0	24.0	26.0	27.0	25.0	25.0	23.5	23.5	88.0	88.0	2.0	4.0	2.9	5.1	NW	NW	-	0.8	2.8	24.5	25.5	
19	24.0	27.0	27.0	31.0	26.5	30.0	24.0	26.5	80.5	75.0	2.0	-	4.7	5.9	SE	SE	-	1.0	3.0	25.0	27.0	
20	24.0	27.0	33.0	34.0	29.0	31.0	26.0	27.0	78.0	73.0	2.0	2.0	0.6	2.6	SW	SW	-	1.2	3.2	26.0	27.0	
21	26.0	26.5	32.0	33.0	30.0	30.0	27.0	27.0	88.0	78.0	-	-	1.3	3.2	SW	SW	-	1.2	3.0	27.0	29.0	
22	26.0	27.0	31.0	29.0	27.0	27.0	25.0	25.0	88.0	88.0	-	2.0	0.7	2.3	SE	SE	-	1.4	2.7	26.5	27.5	
23	26.0	28.0	28.0	32.0	27.5	30.0	25.5	27.0	84.0	78.0	-	-	1.3	3.5	NE	SE	-	1.2	3.0	27.0	29.0	
24	25.0	26.0	26.0	34.0	27.0	30.0	26.0	28.0	92.0	85.0	-	2.0	0.2	0.8	SE	NW	-	1.0	2.4	25.5	30.0	
25	27.0	27.0	29.0	33.0	30.0	27.5	28.0	26.0	85.0	88.0	2.0	-	0.2	1.5	NW	SW	-	1.2	2.8	28.0	29.0	
26	25.0	24.5	28.0	30.0	27.0	30.0	25.5	28.0	88.0	85.0	-	-	0.8	0.4	SE	SE	1.6	0.6	3.0	27.0	30.0	
27	27.0	28.5	30.0	33.0	29.0	30.0	27.0	28.0	85.0	82.0	2.0	-	0.4	1.4	SW	SW	0.6	0.6	3.2	27.5	31.0	
28	28.0	30.0	32.0	34.0	30.0	31.0	26.0	29.0	75.0	85.0	2.0	-	0.4	1.2	SW	SW	-	1.0	3.2	28.5	32.0	
29	26.0	30.0	30.0	35.0	30.0	32.0	28.5	28.5	89.0	78.0	2.0	-	0.1	1.0	SW	SE	-	1.0	3.5	28.0	33.0	
30	27.0	28.0	32.0	34.5	27.0	30.0	25.0	28.0	84.0	85.0	2.0	-	0.2	0.2	SW	SW	-	1.2	3.2	27.5	32.5	
31	26.5		30.0		27.0		25.0		88.0		-	-	0.8		SE		11.6	1.0		26.5		
Total	802.0	844.0	903.5	963.5	834.5	891.0	787.0	823.5	2737.5	2612.5	68.0	58.0	58.7	91.8			104.8	30.7	82.9	813.5	890.0	
Average	25.9	27.2	29.1	31.1	26.9	28.7	25.4	26.6	88.3	84.3	2.2	1.9	1.9	3.0			3.4		2.2	26.2	28.7	
	26.5		30.1		27.8		26.0		86.3		2.0		2.4				2.8		113.6		27.5	

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampur
Sub-Division : Raipuri

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		28.0		31.0		31.0		28.0		78.0		-		2.2		NW		-		-		17.30
1	25.0	26.0	33.5	34.0	27.5	28.0	25.0	26.0	81.0	85.0	-	-	0.1	1.2	SW	SW	-	-	1.0	3.2	28.0	30.5
2	25.0	26.5	32.5	34.0	29.0	30.0	25.0	27.5	71.0	82.0	2.0	2.0	1.8	3.1	SW	SW	-	-	1.2	3.2	28.0	29.5
3	24.0	25.0	30.0	31.0	26.5	26.5	26.0	26.0	96.0	96.0	2.0	2.0	2.3	2.3	SW	SW	19.0	21.4	1.0	1.4	27.5	29.0
4	25.5	26.0	29.0	32.5	26.0	27.5	25.5	26.5	96.0	92.0	2.0	4.0	1.8	2.0	SW	SW	13.0	1.4	0.6	1.4	28.0	28.5
5	25.0	26.0	28.0	30.0	27.0	27.0	25.5	26.0	88.0	92.0	2.0	-	1.4	2.1	SW	NE	0.4	0.6	1.0	1.4	27.5	28.5
6	25.0	25.0	31.0	32.0	27.0	28.5	24.5	26.0	81.0	81.0	2.0	4.0	1.0	2.9	NW	SW	-	-	1.0	1.4	25.5	27.5
7	25.0	25.0	31.0	31.0	26.5	27.0	25.0	26.0	88.0	88.0	2.0	-	1.3	1.8	SW	SW	-	-	1.0	1.8	25.5	28.5
8	25.0	25.0	28.0	30.0	26.0	28.0	25.0	26.0	92.0	85.0	2.0	-	0.4	3.0	SW	SW	1.2	-	0.8	1.5	26.0	27.0
9	25.5	27.0	29.5	32.5	27.0	28.0	26.0	26.5	88.0	88.0	2.0	-	1.4	1.8	SW	SW	-	31.2	1.2	1.2	26.5	27.0
10	25.5	26.0	27.0	31.0	26.0	27.0	25.5	26.0	96.0	88.0	-	-	0.2	1.4	SW	SE	13.2	0.6	0.6	1.4	26.5	27.0
11	24.5	26.0	26.0	32.0	26.0	29.0	25.0	27.0	92.0	85.0	-	-	0.1	1.1	SW	SW	14.2	-	0.6	1.8	25.0	28.0
12	24.0	26.0	30.5	33.0	26.0	27.5	25.5	26.5	92.0	96.0	-	-	0.8	0.5	SE	SW	0.6	7.0	1.0	1.4	26.0	27.5
13	25.0	27.0	27.0	34.0	27.0	27.0	26.0	26.0	88.0	96.0	-	2.0	0.3	1.2	SE	SW	1.2	14.4	0.6	1.8	25.5	28.0
14	25.5	27.0	28.0	32.0	26.5	29.0	25.5	27.0	92.0	85.0	-	-	0.3	0.5	SE	SW	-	2.2	0.8	1.2	26.5	28.5
15	25.0	27.5	32.0	32.5	27.5	29.5	25.5	27.0	84.5	81.5	-	-	0.5	0.6	SE	SW	-	1.2	1.0	1.6	27.0	28.5
16	25.0	28.0	31.0	33.5	28.0	30.0	26.0	28.0	85.0	85.0	-	-	0.3	0.8	NE	SW	-	-	1.2	2.0	27.5	29.0
17	26.0	28.0	31.0	36.0	30.0	30.0	27.0	28.0	78.0	85.0	-	-	0.1	0.6	SE	SW	-	-	1.4	2.8	28.0	31.0
18	26.5	28.0	30.5	31.5	28.0	31.0	26.0	28.5	85.0	82.0	-	-	0.1	0.7	SW	SW	-	-	1.5	2.6	28.0	29.0
19	26.0	27.0	32.0	34.5	27.0	31.5	26.0	28.5	92.0	78.5	-	-	0.4	0.7	SE	SW	9.8	-	1.2	3.3	28.5	35.0
20	25.5	26.0	34.0	35.0	27.5	30.5	25.5	28.0	84.5	82.0	2.0	-	0.6	0.6	SW	SW	-	-	1.0	3.4	27.0	33.0
21	26.5	28.0	32.0	34.0	28.0	30.0	26.0	27.5	85.0	82.0	2.0	-	0.6	1.7	SE	SW	-	-	1.3	3.5	27.0	35.0
22	26.0	28.0	31.5	33.5	28.5	29.0	26.0	26.5	81.0	85.0	2.0	2.0	0.9	2.0	SE	NE	-	-	1.5	3.6	27.0	34.0
23	26.0	27.0	32.0	33.0	27.0	28.0	25.5	26.0	88.0	85.0	-	-	0.6	1.5	SE	SE	-	-	2.0	3.2	28.0	33.0
24	25.0	25.0	31.5	32.0	27.0	28.0	25.5	26.5	88.0	88.0	-	-	0.4	1.2	SE	SE	-	3.6	1.8	3.0	28.0	32.0
25	25.0	25.0	31.5	32.0	27.0	28.0	25.0	26.0	84.0	85.0	-	-	0.4	1.5	SW	SE	-	-	1.4	3.0	27.5	31.5
26	24.0	25.0	32.0	33.0	26.0	29.0	25.5	27.0	96.0	85.0	-	-	0.5	1.0	SW	SE	47.2	7.0	1.2	2.0	27.0	32.0
27	25.0	25.0	28.0	30.0	25.0	26.0	24.5	25.0	96.0	92.0	-	-	0.8	0.7	SW	SE	10.8	2.0	0.8	1.0	26.0	27.5
28	24.0	26.0	27.0	33.0	25.5	26.5	25.0	25.5	92.0	96.0	-	-	0.1	0.5	SW	SE	10.6	16.4	0.6	1.0	26.0	27.0
29	25.0	25.0	32.0	32.0	25.0	26.0	24.5	25.5	96.0	96.0	-	-	0.2	1.1	SW	SE	6.4	6.4	0.6	1.0	25.5	27.5
30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	730.0*	790.0	879.0*	975.5	781.0*	854.0	738.5*	800.5	2556.0*	2605.0	22.0*	16.0	19.7*	42.3	-	-	147.6	115.4	30.9*	61.1	780.0*	888.5
Average	25.2*	26.3	30.3*	32.5	26.9*	28.5	25.5*	26.7	88.1*	86.8	0.8*	0.5	0.7*	1.4	-	-	4.9	3.8	26.9*	-	26.9*	29.6
	25.8*	-	31.4*	-	27.7*	-	26.1*	-	87.5*	-	0.6*	-	1.0*	-	-	-	4.4	-	92.0*	-	28.3*	-

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raipu

OCTOBER 2016

Day LPoPM	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	25.0	26.0	32.0	32.0	26.0	28.0	25.0	26.5	92.0	88.0	2.0	-	0.6	1.0	NE	SW	2.0	-	1.0	2.0	25.5	27.5
2	24.5	26.0	29.0	32.5	26.0	28.5	25.0	26.5	92.0	85.0	-	-	0.6	1.1	SE	SW	0.6	-	1.0	2.2	25.0	28.0
3	25.0	27.0	30.0	32.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	-	0.8	SW	SW	-	-	1.2	2.4	25.5	29.0
4	25.5	27.0	30.5	34.0	27.0	28.0	25.0	26.0	84.0	85.0	-	-	0.4	2.1	SW	SW	-	-	1.4	2.4	26.0	30.0
5	25.0	28.0	29.0	34.0	28.5	30.5	27.0	27.5	88.5	78.5	-	-	0.1	2.2	SW	SW	-	-	1.4	2.7	26.0	31.0
6	26.0	27.0	34.5	34.0	28.0	27.0	26.5	25.5	88.0	88.0	-	-	0.1	1.3	SW	SW	-	2.8	1.5	1.4	27.5	30.0
7	24.5	25.0	29.0	33.5	27.0	25.5	26.0	24.5	92.0	92.0	-	-	0.1	1.8	SW	SW	1.2	2.2	0.6	1.6	25.5	30.0
8	25.0	25.0	26.5	34.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.2	-	SW	SW	0.6	-	0.6	1.8	24.5	29.0
9	25.0	26.0	28.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	-	-	0.7	1.4	SW	SW	2.4	4.8	1.0	1.6	24.5	28.0
10	24.5	26.0	28.0	32.5	26.0	29.0	25.0	26.0	92.0	78.0	-	-	0.4	2.1	SW	SW	-	-	1.2	2.5	24.0	29.0
11	23.0	25.0	30.0	33.5	25.5	27.5	24.5	25.0	92.0	81.0	-	-	0.1	1.4	SW	SW	-	-	1.2	2.6	24.0	29.5
12	22.0	24.5	28.5	33.5	24.5	29.0	24.0	26.0	96.0	78.0	-	-	0.1	1.3	SW	SW	-	-	1.0	2.8	23.5	30.0
13	21.0	25.0	28.0	33.0	26.0	28.0	23.5	24.0	80.0	70.0	-	-	0.1	1.7	SW	SW	-	-	1.0	2.5	23.0	29.0
14	20.0	24.5	29.0	34.0	24.0	27.5	21.5	23.5	79.0	77.0	-	-	0.2	0.7	SW	SW	-	-	0.9	2.5	21.5	29.5
15	19.0	23.0	30.0	34.0	23.5	28.0	21.0	23.5	79.0	67.0	-	-	0.2	1.5	SW	SW	-	-	0.8	2.6	21.0	30.0
16	18.0	21.0	29.0	34.0	21.0	27.0	19.5	24.5	86.0	77.0	-	-	0.1	1.0	SW	SW	-	-	0.8	2.5	20.5	29.0
17	18.0	23.0	29.0	32.0	23.0	27.5	21.0	24.5	83.0	77.0	-	-	-	1.4	SW	SW	-	-	0.8	2.2	20.5	28.0
18	20.0	22.5	29.0	32.0	23.0	29.0	21.0	25.0	83.0	71.0	-	-	0.2	1.1	SW	SW	-	-	0.8	2.2	21.5	28.0
19	18.0	23.0	30.0	34.0	23.0	27.5	20.5	24.0	79.0	73.0	-	-	0.3	1.2	SW	SW	-	-	1.0	2.2	22.0	28.0
20	18.0	22.0	29.0	32.5	22.5	29.0	20.0	23.5	78.5	61.0	-	-	0.1	1.6	SW	SW	-	-	1.0	2.2	21.5	29.0
21	18.0	21.0	30.0	32.0	21.5	27.0	20.0	23.5	86.5	73.0	-	-	-	1.2	SW	SW	-	-	1.2	2.3	22.5	29.0
22	19.0	21.5	29.0	32.5	22.5	28.0	21.0	24.0	87.0	70.0	-	-	0.4	1.9	SW	SW	-	-	1.2	2.5	23.0	30.0
23	18.0	18.0	31.0	34.0	23.0	28.0	20.0	23.5	75.0	67.0	-	-	0.4	1.5	SW	SW	-	-	1.1	2.6	23.0	29.5
24	18.0	20.0	29.5	33.5	25.0	28.0	21.0	25.0	68.0	74.0	-	-	0.2	1.6	SW	SW	-	-	1.1	2.6	23.5	30.0
25	18.0	21.0	31.0	33.0	22.0	28.0	20.0	24.0	82.0	70.0	-	-	0.2	1.5	SW	SW	-	-	1.0	2.7	23.0	30.0
26	17.0	20.0	29.0	33.0	23.0	27.0	21.0	23.0	83.0	70.0	-	-	0.2	1.5	SW	SW	-	-	1.0	2.6	23.0	30.0
27	17.0	20.0	29.0	33.0	23.0	26.5	18.5	22.0	86.0	66.0	-	-	-	0.5	SW	SW	-	-	1.0	2.6	23.0	30.0
28	18.5	22.5	27.5	32.5	23.5	28.0	20.0	26.0	71.0	85.0	-	-	0.8	1.4	SW	SW	-	-	1.0	2.6	24.0	29.5
29	20.0	20.0	29.0	32.5	24.0	28.0	22.0	26.0	63.0	85.0	-	-	0.1	1.1	SW	SW	-	-	1.2	2.7	25.0	30.0
30	20.0	20.0	29.0	32.5	22.0	28.0	20.0	26.0	82.0	85.0	-	-	0.2	0.8	SW	SW	-	-	1.2	2.7	25.0	29.5
31	19.0	-	29.0	-	23.0	-	21.0	-	83.0	-	-	-	0.5	-	SW	-	-	-	1.2	-	24.0	-
Total	649.5	702.5	912.0	988.5	754.0	836.0	696.5	748.0	2599.5	2333.5	2.0	-	7.4	40.2	-	-	4.8	9.8	32.2	85.0	731.0	878.0
Average	21.0	23.4	29.4	33.0	24.3	27.9	22.5	24.9	83.9	77.8	0.1	-	0.2	1.3	-	-	0.2	0.3	-	-	23.6	29.3
	22.2	-	31.2	-	26.1	-	23.7	-	80.8	-	0.0	-	0.8	-	-	-	0.2	-	117.2	-	26.4	-

• One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMN00B3
Local River/Basin : Jonk

Station Name : Rampur
Sub-Division : Raipura

NOVEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		22.0		32.0		27.5		24.0		85.0		-		1.4		SW		-		2.6		28.0
1	18.0	23.5	28.5	33.0	24.0	27.0	21.0	23.0	75.0	70.0	-	-	0.2	1.2	SW	SW	-	-	1.0	2.9	23.0	30.5
2	19.0	24.0	28.0	32.0	24.0	26.5	22.0	23.5	83.0	76.5	-	-	0.1	1.3	NW	SW	-	-	1.1	2.7	23.5	29.5
3	19.0	28.0	28.0	32.0	22.5	27.0	21.0	24.0	91.0	77.0	-	-	0.1	2.0	NW	SW	-	-	1.0	2.8	23.0	30.0
4	21.0	23.0	28.5	32.0	24.0	28.0	22.0	24.5	83.0	74.0	-	-	0.1	2.4	NE	SW	-	-	1.2	2.8	23.5	29.5
5	23.0	23.5	29.0	32.0	24.0	28.5	22.0	25.0	83.0	74.0	-	-	0.1	-	SW	SW	-	-	1.0	2.8	22.5	29.0
6	20.0	22.5	28.5	32.0	23.0	28.0	20.0	24.0	79.0	70.0	-	-	1.0	2.4	SW	SW	-	-	1.2	2.7	21.0	29.0
7	21.0	20.0	28.0	31.0	21.5	26.5	18.5	22.0	73.5	69.5	-	-	0.3	1.9	SW	SW	-	-	1.0	2.7	21.5	28.5
8	14.5	20.0	28.0	30.5	20.0	26.0	17.0	22.0	73.0	69.0	-	-	0.5	2.4	SW	SW	-	-	1.0	2.8	21.5	28.5
9	14.0	16.0	28.5	31.0	17.0	26.0	15.0	20.0	80.0	55.0	-	-	0.1	1.3	SW	SW	-	-	0.9	2.5	20.0	27.0
10	12.5	18.0	28.5	29.0	17.0	24.0	14.5	20.0	74.0	68.0	-	-	0.1	1.8	SW	SW	-	-	0.8	2.4	18.0	26.0
11	14.0	16.5	25.0	30.0	17.0	23.0	16.0	20.0	90.0	75.0	-	-	0.1	1.6	SW	SW	-	-	0.8	2.4	18.0	25.5
12	14.0	17.0	24.0	30.0	18.0	23.5	17.0	20.5	90.0	75.0	-	-	0.1	1.1	SW	SW	-	-	0.9	2.5	18.5	25.5
13	15.0	19.0	24.0	31.0	20.0	24.0	18.0	21.0	81.0	75.0	-	-	0.1	1.2	NW	SW	-	-	0.9	2.6	18.0	26.0
14	16.0	16.0	26.0	31.0	19.5	26.0	18.0	22.0	86.0	69.0	-	-	1.3	-	SW	SW	-	-	1.1	2.6	19.0	26.5
15	16.0	20.0	28.0	30.0	20.5	25.0	18.0	22.0	77.0	76.0	-	-	0.1	1.7	SW	SW	-	-	1.2	2.4	20.0	25.0
16	15.0	15.0	26.0	30.0	19.0	24.0	17.0	21.0	81.0	75.0	-	-	-	1.6	SW	SW	-	-	1.0	2.2	18.5	24.5
17	13.0	13.0	25.0	30.0	16.0	25.0	15.0	20.0	79.0	68.0	-	-	-	1.4	SW	SW	-	-	0.8	2.0	17.5	24.0
18	12.5	16.0	25.5	30.0	16.0	24.0	15.5	19.5	95.0	60.0	-	-	0.1	1.9	SW	SW	-	-	0.8	1.9	17.0	23.5
19	12.0	16.5	25.0	30.0	15.0	24.5	13.0	19.5	78.0	60.0	-	-	0.1	1.1	SW	SW	-	-	0.8	2.0	16.5	23.0
20	12.5	16.0	25.0	30.0	15.0	24.0	13.5	19.5	78.0	57.0	-	-	0.1	0.4	NW	SW	-	-	0.8	2.0	16.0	23.0
21	13.0	16.0	25.5	30.0	15.5	23.5	13.0	18.5	73.0	56.0	-	-	0.5	0.4	NW	SW	-	-	0.8	2.0	16.5	23.0
22	13.5	16.5	25.0	30.5	15.0	27.0	14.0	20.0	89.0	61.0	-	-	0.8	2.3	NW	SW	-	-	1.0	2.0	17.0	23.5
23	11.5	16.5	26.5	32.0	16.0	27.0	14.0	21.0	89.0	56.0	-	-	-	1.2	SW	SW	-	-	1.0	1.9	19.0	22.5
24	12.0	15.0	28.0	32.0	15.5	26.0	14.5	21.0	84.0	56.0	-	-	-	1.3	SW	SW	-	-	1.1	1.9	17.0	22.5
25	11.5	12.0	28.0	31.0	16.5	24.0	13.5	20.5	78.5	59.0	-	-	-	2.0	SW	SW	-	-	1.0	1.8	16.5	22.0
26	12.0	16.0	27.5	35.0	19.0	26.5	14.5	20.0	79.5	68.0	-	-	1.0	1.8	SW	SW	-	-	1.0	2.2	16.0	23.0
27	13.0	18.0	25.0	32.0	17.0	24.0	16.0	21.0	72.0	69.0	-	-	0.2	2.4	SW	SW	-	-	1.3	2.2	17.0	23.0
28	12.0	16.0	28.0	31.0	15.5	26.0	15.0	19.0	80.0	60.0	-	-	0.2	1.7	SW	SW	-	-	1.1	2.0	16.5	22.0
29	12.0	15.0	25.0	32.5	15.5	27.0	14.0	20.0	84.0	52.0	-	-	-	1.6	SW	SW	-	-	1.0	1.8	16.0	21.5
30	12.0	27.5	27.5	16.0	16.0	16.0	14.0	14.0	84.0	84.0	-	-	0.1	-	SW	SW	-	-	1.0	-	16.0	-
Total	444.5	546.5	803.0	934.5	554.5	769.0	496.5	637.5	2442.5	2015.0	-	-	6.1	46.1	-	-	0.0	0.0	29.6	70.1	564.0	765.0
Average	14.8	18.2	26.8	31.2	18.5	25.6	16.6	21.3	81.4	67.2	-	0.0	0.2	1.5	-	-	0.0	0.0	-	-	18.8	25.5
	16.5		29.0		22.1		18.9		74.3		0.0		0.9				0.0		99.7		22.2	

• : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMN00B3
Local River/Basin : Jonk

Station Name : Ramp
Sub-Division : Raip

DECEMBER 2016

	Min Temperature (°c)		Max Temperature (°c)		Dry Bulb Temp. (°c)		Wet Bulb Temp. °c		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°c)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		16.0		32.0		28.0		20.0		55.0		-		0.1	0.9	SW		1.2	2.2	17.0	22.0	
1	13.0	16.0	24.0	30.0	17.0	24.0	15.0	21.0	80.0	75.0	-	-	0.1	0.1	1.2	SW	-	1.5	2.1	18.5	23.5	
2	15.0	16.0	25.0	30.0	17.0	24.0	16.0	19.0	90.0	60.0	-	-	0.1	0.1	1.2	SW	-	1.5	2.1	18.5	23.0	
3	15.0	18.0	25.0	30.5	19.0	25.5	18.0	22.0	90.0	72.5	-	-	0.1	0.1	1.3	SW	-	1.5	2.4	18.0	24.0	
4	14.5	17.0	27.0	30.0	18.5	25.0	17.5	21.0	90.0	68.0	-	-	-	0.2	0.6	SW	-	1.3	2.4	17.0	24.0	
5	14.5	17.0	25.5	30.0	17.5	25.5	16.5	22.5	90.0	76.0	-	-	0.2	0.6	SW	SW	-	1.2	2.2	16.5	23.0	
6	13.5	18.0	26.0	31.0	16.5	25.0	15.5	22.0	89.0	76.0	-	-	0.5	0.9	SW	SW	-	1.2	2.4	16.0	23.5	
7	13.0	17.5	27.0	30.5	16.5	25.0	15.0	22.5	84.5	76.0	-	-	0.4	1.1	SW	SW	-	1.0	2.4	16.5	23.0	
8	15.0	15.0	29.0	30.0	17.0	24.0	16.0	20.0	90.0	68.0	-	-	0.1	0.9	SW	SW	-	1.0	2.4	16.0	23.0	
9	13.0	15.0	26.0	28.0	16.0	24.0	15.0	19.0	89.0	60.0	-	-	0.1	1.5	SW	SW	-	0.8	2.1	15.0	22.0	
10	10.0	13.5	24.5	26.5	14.5	23.5	13.5	20.0	89.0	71.0	-	-	0.1	1.2	SW	SW	-	0.6	2.2	13.0	20.0	
11	9.0	24.5	24.5	29.5	16.5	25.0	14.0	20.5	84.0	65.0	-	-	0.1	1.5	SW	SW	-	0.6	2.2	12.0	22.0	
12	13.0	26.0	21.5	31.5	17.0	25.0	15.5	20.0	75.0	61.0	-	-	-	1.8	SW	SW	-	1.0	2.3	14.0	23.0	
13	11.5	25.5	26.5	31.0	16.5	25.0	15.0	20.0	84.0	61.0	-	-	0.1	1.9	SW	SW	-	1.2	2.2	15.0	23.0	
14	12.0	26.0	26.0	30.5	16.5	25.0	15.5	20.0	89.5	61.0	-	-	0.1	1.2	SW	SW	-	1.3	2.5	15.5	24.0	
15	11.5	16.0	26.0	30.0	14.0	25.0	13.0	20.0	89.0	61.0	-	-	-	1.4	SW	SW	-	1.2	2.1	14.0	23.0	
16	11.0	13.0	25.5	28.0	14.0	24.0	13.0	19.0	89.0	60.0	-	-	0.1	2.1	SW	SW	-	1.2	1.8	13.5	21.0	
17	10.0	15.0	25.0	28.0	15.0	21.0	13.0	17.0	78.0	65.0	-	-	0.1	2.3	SW	SW	-	1.1	1.7	12.0	21.0	
18	9.0	11.5	22.5	27.5	12.5	21.0	11.0	17.0	82.5	65.0	-	-	0.1	1.8	SW	SW	-	1.0	1.7	11.0	21.5	
19	8.0	10.0	22.5	28.0	14.0	21.5	11.0	17.0	67.0	61.2	-	-	0.1	2.1	SW	SW	-	1.0	1.4	11.0	20.5	
20	8.0	11.0	20.0	29.0	12.0	22.5	11.0	14.0	88.0	33.5	-	-	0.1	1.6	SW	SW	-	1.0	1.6	11.0	21.0	
21	9.0	10.0	23.0	29.5	14.0	22.0	9.5	14.0	37.0	33.0	-	-	0.1	1.0	SW	SW	-	0.8	1.8	11.0	22.0	
22	8.0	12.5	23.5	29.0	14.5	23.5	9.0	18.0	42.0	55.0	-	-	0.1	2.3	SW	SW	-	0.8	1.5	11.5	20.0	
23	8.5	11.0	23.0	26.0	12.0	21.5	10.0	17.5	76.0	65.5	-	-	0.1	1.8	SW	SW	-	0.8	1.4	11.5	19.5	
24	9.0	11.5	22.0	29.0	11.5	22.0	10.5	18.0	87.5	66.0	-	-	-	1.2	SW	SW	-	0.7	1.6	11.0	20.0	
25	10.0	10.0	23.0	30.0	11.5	22.0	11.0	18.0	94.0	66.0	-	-	-	1.1	SW	SW	-	1.0	1.5	12.0	20.0	
26	11.5	13.5	23.0	29.0	14.0	23.0	13.0	18.0	89.0	59.0	-	-	0.1	2.6	SW	SW	-	1.1	1.7	12.0	21.5	
27	11.5	11.0	24.0	28.0	14.5	21.0	10.0	17.0	52.5	65.0	-	-	0.1	1.3	SW	SW	-	1.2	1.5	12.5	19.5	
28	9.5	10.0	23.0	29.0	11.5	22.5	10.0	18.5	81.5	66.5	-	-	-	1.2	SW	SW	-	1.0	1.6	11.0	20.0	
29	10.5	12.0	24.0	30.0	12.5	24.0	11.5	18.0	88.0	53.0	-	-	-	1.4	SW	SW	-	1.0	1.8	11.5	20.5	
30	10.0	12.0	26.0	30.0	12.0	23.0	11.0	19.0	88.0	67.0	-	-	0.1	1.2	SW	SW	-	0.9	2.0	11.0	20.5	
31	11.0		30.0		12.5		11.5		88.0		-	-	0.1		SW		-	1.2		12.0		
Total	348.0	471.0	763.5	911.0	458.0	733.0	407.0	589.5	2531.0	1947.2	-	-	3.2	44.0			0.0	0.0	32.6	60.3	419.5	674.5
Average	11.2	15.2	24.6	29.4	14.8	23.6	13.1	19.0	81.6	62.8	-	-	0.1	1.4			0.0	0.0			13.5	21.8
	13.2		27.0		19.2		16.1		72.2		0.0		0.8				0.0		92.9		17.6	

Twice Daily Climatic Data

Station Code : EMN00B3
Local River/Basin : Jonk

Station Name : Rampi
Sub-Division : Raipi

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	11.5	15.0	31.0	31.0	17.0	13.0	16.0	12.0	90.0	88.0	-	-	1.4	0.8	SW	SW	-	-	1.2	2.0	18.0	22.0
2	12.0	14.0	30.5	30.0	17.0	15.0	16.0	14.0	90.0	89.0	-	-	-	1.1	SW	SW	-	-	1.2	2.0	19.0	23.0
3	12.0	14.0	30.5	26.0	15.0	23.5	14.0	20.0	89.0	71.0	-	-	-	2.1	SW	SW	-	-	1.4	1.9	18.0	23.0
4	11.0	14.5	28.5	28.5	15.0	23.0	14.0	19.0	89.0	67.0	-	-	0.1	1.7	SW	SW	-	-	1.4	1.9	17.5	22.5
5	10.5	12.5	24.5	29.5	13.0	23.0	12.0	19.0	88.0	67.0	-	-	0.1	1.4	SW	SW	-	-	1.2	1.8	16.5	22.5
6	10.5	14.0	25.0	30.5	15.0	23.0	13.0	18.5	78.0	63.0	-	-	0.1	1.6	SW	SW	-	-	1.3	2.0	17.0	23.5
7	11.0	13.5	25.0	31.0	14.0	24.0	12.5	19.0	83.0	61.0	-	-	0.1	0.9	SW	SW	-	-	1.3	2.2	17.0	24.0
8	11.0	15.0	25.0	30.0	15.5	24.0	14.0	20.0	84.0	68.0	-	-	0.3	1.4	SW	SW	-	-	1.4	2.1	17.5	23.5
9	12.0	14.0	26.0	31.0	15.0	24.5	14.0	20.0	89.0	64.5	-	-	-	1.1	SW	SW	-	-	1.5	2.3	18.0	24.0
10	10.5	17.5	25.0	25.5	17.0	22.0	16.0	19.0	95.0	74.0	-	-	0.3	1.1	SW	SW	-	-	1.0	2.0	15.0	22.0
11	10.0	16.0	25.0	26.0	16.0	22.0	14.0	18.0	79.0	66.0	-	-	0.2	1.9	SW	SW	-	-	1.0	2.1	15.0	22.5
12	11.0	13.5	23.0	26.0	13.0	21.0	11.0	17.0	77.0	65.0	-	-	0.2	2.4	SW	SW	-	-	0.9	2.0	14.0	21.5
13	0.8	11.0	22.0	26.0	11.0	21.0	10.0	17.0	87.0	65.0	-	-	0.1	2.0	SW	SW	-	-	0.8	1.8	10.0	20.0
14	0.8	10.0	22.0	26.0	10.0	22.0	9.0	18.0	87.0	66.0	-	-	0.1	2.0	SW	SW	-	-	0.8	2.0	11.0	20.0
15	13.0	0.9	27.0	28.0	12.0	23.0	10.0	18.0	76.0	59.0	-	-	0.1	1.5	SW	SW	-	-	1.0	2.1	14.0	21.0
16	11.5	8.0	24.0	30.0	13.0	23.0	11.0	18.0	77.0	59.0	-	-	0.1	1.4	SW	SW	-	-	1.0	2.2	13.0	21.0
17	11.0	8.0	25.0	30.0	14.0	23.5	12.5	18.0	83.0	56.0	-	-	0.1	1.8	SW	SW	-	-	1.0	2.0	13.0	21.5
18	12.0	8.0	25.5	30.0	14.5	23.5	12.0	18.0	78.0	56.0	-	-	-	0.5	SW	SW	-	-	1.2	2.0	13.5	21.0
19	11.0	10.0	24.0	30.5	14.0	23.0	12.0	18.0	78.0	59.0	-	-	0.7	1.6	SW	SW	-	-	1.0	2.0	13.0	21.0
20	12.5	13.0	26.5	29.5	16.0	24.0	15.0	20.0	89.0	68.0	-	-	-	1.6	SW	SW	-	-	1.2	2.2	14.0	22.0
21	12.0	15.0	28.0	31.0	15.5	25.5	15.0	19.0	95.0	51.5	-	-	-	1.6	SW	SW	-	-	1.2	2.2	14.0	24.5
22	13.0	15.5	27.5	31.5	17.5	25.5	15.5	19.5	80.0	54.5	-	-	0.1	2.2	SW	SW	-	-	1.2	2.2	17.0	25.0
23	12.5	16.0	31.5	31.0	17.5	26.0	15.5	20.5	80.0	54.0	-	-	0.2	2.6	SW	SW	-	-	1.4	2.3	17.0	25.0
24	12.0	15.0	27.5	30.5	16.0	25.0	14.0	20.0	79.0	61.0	-	-	0.1	1.9	SW	SW	-	-	1.3	2.1	16.5	24.0
25	11.0	15.0	27.0	30.5	15.5	25.0	14.0	20.0	84.0	61.0	-	-	0.1	2.1	SW	SW	-	-	1.2	2.2	16.0	24.0
26	12.0	12.0	24.0	29.0	15.0	25.5	14.0	21.0	89.0	65.5	-	-	0.1	1.0	SW	SW	-	-	1.3	2.0	15.0	25.0
27	17.0	18.5	26.0	33.0	18.5	28.0	17.0	23.0	85.0	64.0	-	-	0.2	2.0	SW	SW	-	-	2.0	2.5	21.0	28.0
28	17.0	18.0	28.5	29.0	18.0	24.0	15.5	20.0	76.0	68.0	-	-	0.5	3.4	SW	SW	-	-	2.2	1.8	21.5	20.0
29	10.0	11.0	28.5	30.5	14.0	23.0	12.0	18.0	78.0	59.0	-	-	0.1	2.5	SW	SW	-	-	1.5	1.9	20.0	20.0
30	11.0	11.0	24.0	32.0	13.0	27.0	12.0	21.0	88.0	56.0	-	-	0.2	2.0	SW	SW	-	-	1.5	2.5	19.0	25.0
31	11.0	-	28.0	-	15.0	-	13.0	-	78.0	-	-	-	0.2	-	SW	-	-	-	1.4	-	18.0	-
Total	344.1	389.4	811.5	883.0	462.5	695.5	415.5	562.5	2598.0	1926.0	-	-	5.8	51.5	-	-	0.0	0.0	39.0	62.3	499.0	682.0*
Average	11.1	12.6	26.2	28.5	14.9	22.4	13.4	18.1	83.8	62.1	-	-	0.2	1.7	-	-	0.0	0.0	-	-	16.1	22.7*
	11.8	-	27.3	-	18.7	-	15.8	-	73.0	-	0.0	-	0.9	-	-	-	0.0	-	101.3	-	19.4*	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampur
Sub-Division : Raipur

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	12.0	15.0	29.0	33.0	19.0	27.5	14.5	22.5	65.0	63.5	-	-	0.1	1.8	SW	SW	-	-	1.7	2.5	17.5	24.0
2	12.5	14.5	29.5	31.0	16.5	27.0	14.5	20.0	79.5	63.0	-	-	0.3	2.2	SW	SW	-	-	1.8	2.5	18.0	24.0
3	12.0	15.0	29.0	31.0	16.5	29.0	14.0	22.5	74.5	52.0	-	-	0.1	2.1	SW	SW	-	-	1.8	2.7	17.5	24.0
4	12.5	17.0	29.5	32.0	17.0	26.0	14.5	22.0	65.0	55.0	-	-	0.3	1.5	SW	SW	-	-	2.0	2.7	18.0	26.0
5	11.0	17.0	29.5	31.5	17.5	26.5	15.0	21.0	80.0	62.0	-	-	0.1	1.8	SW	SW	-	-	1.8	2.8	17.5	26.0
6	12.0	16.0	30.5	33.0	17.5	29.5	14.5	24.0	70.0	61.5	-	-	0.1	3.1	SW	SW	-	-	2.0	2.8	18.5	26.0
7	15.0	15.5	30.0	31.0	19.0	28.0	17.0	23.0	80.0	64.0	-	-	0.2	3.2	SW	SW	-	-	2.0	2.8	19.0	26.0
8	13.0	15.0	29.0	34.0	16.0	28.5	14.0	23.0	79.0	57.0	-	-	0.2	2.1	SW	SW	-	-	1.8	2.6	16.5	27.5
9	12.0	15.0	28.5	33.0	16.5	30.5	14.0	24.0	74.5	59.0	-	-	0.1	1.6	SW	SW	-	-	1.6	2.9	16.0	29.0
10	16.0	19.0	29.5	38.0	20.0	29.0	17.0	24.0	73.0	64.0	-	-	0.3	2.0	SW	SW	-	-	2.0	3.0	17.5	28.0
11	16.0	19.0	31.0	36.0	20.0	30.0	17.5	24.0	77.0	59.0	-	-	0.2	1.5	SW	SW	-	-	2.0	2.8	18.0	29.0
12	18.0	19.0	32.0	34.0	19.0	33.0	17.5	20.0	81.0	75.0	-	-	1.7	1.3	SW	SW	-	-	1.8	3.0	18.5	28.0
13	17.5	17.5	33.0	32.0	19.0	25.0	17.5	21.0	86.0	68.0	-	-	0.1	1.9	SW	SW	-	-	1.6	2.5	15.0	26.0
14	15.0	18.0	27.0	32.0	20.5	28.0	18.5	27.0	81.0	96.0	-	-	0.1	2.2	SW	SW	-	-	1.8	2.2	20.0	27.0
15	15.0	28.5	30.0	32.0	20.5	28.5	17.5	27.5	73.0	92.0	-	-	0.3	2.5	SW	SW	-	-	1.8	2.4	20.0	29.0
16	14.0	29.0	29.0	33.0	16.0	29.0	14.5	28.0	74.0	96.0	-	-	0.2	2.7	NE	NE	-	-	1.9	2.5	19.5	31.0
17	15.0	30.0	31.0	34.0	20.0	29.5	17.5	28.5	77.0	96.0	-	-	0.3	1.7	NE	NE	-	-	2.0	3.0	20.5	31.5
18	14.5	30.0	32.0	34.0	19.0	30.0	17.0	29.5	86.0	96.0	-	-	0.7	2.9	NE	NE	-	-	2.5	3.2	22.0	32.0
19	15.0	28.0	34.0	35.0	19.0	29.0	17.0	24.0	86.0	61.0	-	-	-	3.4	NE	NE	-	-	2.5	3.0	22.0	32.0
20	14.0	19.0	31.0	35.5	20.0	32.0	15.0	25.0	60.0	55.0	-	-	0.3	3.7	NE	NE	-	-	2.5	3.2	20.0	30.0
21	15.0	20.0	33.0	37.0	21.5	33.0	18.0	26.0	73.0	52.0	-	-	0.2	4.0	NE	NE	-	-	2.6	3.2	20.5	31.0
22	16.0	20.0	35.0	36.5	21.5	32.5	18.0	26.0	73.0	64.0	-	-	0.2	3.7	NE	NE	-	-	2.8	3.3	23.0	31.0
23	15.5	22.0	34.0	34.5	22.0	31.5	19.0	26.0	74.0	68.0	-	-	2.5	2.9	NW	NW	-	-	2.6	3.3	20.5	32.0
24	14.0	18.0	33.0	33.5	20.0	29.5	16.0	23.0	60.0	58.0	-	-	0.2	3.3	NW	NW	-	-	2.5	3.4	20.0	31.0
25	12.0	18.0	30.5	33.0	19.0	29.5	15.5	22.5	59.0	52.0	-	-	0.2	3.5	NW	NW	-	-	2.2	3.2	18.0	29.0
26	12.0	18.0	30.0	36.0	19.5	31.5	15.5	25.0	63.0	64.0	-	-	0.2	2.5	NW	NW	-	-	2.0	3.2	17.5	30.0
27	14.5	20.0	33.5	36.0	21.5	31.5	18.5	25.0	73.0	74.0	-	-	0.3	2.9	NW	NW	-	-	2.2	3.4	18.0	30.5
28	13.0	-	33.0	-	19.5	-	16.5	-	63.0	-	-	-	0.2	-	NW	NW	-	-	2.0	-	19.0	-
Total	394.0	533.0	866.0	911.5	533.0	794.5	455.5	654.0	2059.5	1827.0	-	-	9.7	68.0	-	-	0.0	0.0	57.8	78.1	528.0	770.5
Average	14.1	19.0	30.9	32.6	19.0	28.4	16.3	23.4	73.6	65.3	-	-	0.3	2.4	-	-	0.0	0.0	-	-	18.9	27.5
	16.6	-	-	31.7	-	23.7	19.8	-	69.4	-	0.0	-	1.4	-	-	-	0.0	-	135.9	-	23.2	-

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampur
Sub-Division : Raipur

MARCH 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	14.5	20.0	34.0	38.0	21.0	33.5	18.0	27.0	73.0	57.0	-	-	0.2	2.1	SW	SW	-	-	2.0	4.0	19.5	29.5
2	16.0	20.0	36.0	38.5	22.0	34.0	19.0	28.0	74.0	62.0	2.0	2.0	0.3	3.2	SW	SW	-	-	2.2	4.0	24.5	30.0
3	18.0	20.0	38.0	30.0	24.0	34.0	21.0	29.0	75.0	68.0	2.0	-	0.3	3.2	SW	SW	-	-	2.2	4.2	22.5	31.0
4	19.0	21.0	37.5	37.0	27.5	33.5	23.5	27.0	70.0	62.0	2.0	2.0	0.4	3.8	SW	SW	-	-	2.0	4.2	22.5	31.5
5	18.5	19.0	35.0	36.0	24.5	32.0	21.5	27.0	75.5	67.0	2.0	4.0	0.4	3.5	SW	SW	-	-	2.0	4.0	21.0	29.5
6	17.5	17.0	33.5	34.0	25.0	31.5	21.0	26.0	68.0	63.0	4.0	-	0.7	2.0	SW	SW	-	-	2.2	3.8	21.0	30.0
7	17.0	17.5	30.0	33.5	23.5	30.0	19.5	26.0	67.5	72.0	6.0	4.0	0.3	1.9	SW	SW	-	-	2.0	3.6	20.5	29.0
8	21.0	22.5	32.0	33.5	22.5	29.5	20.5	26.5	82.5	78.0	-	-	0.6	2.0	SW	SW	-	-	1.8	3.6	22.5	29.5
9	21.5	23.5	30.5	35.0	25.0	32.5	23.0	26.5	84.0	63.0	2.0	4.0	1.0	4.2	SW	SW	-	-	1.8	3.8	22.5	31.0
10	19.5	22.0	33.5	30.5	23.0	27.5	20.5	25.5	71.0	84.0	4.0	-	0.2	2.2	SW	SW	-	9.4	2.0	1.4	22.5	27.5
11	19.0	22.5	29.5	32.5	23.0	29.5	20.5	25.5	71.0	71.0	4.0	-	0.8	3.8	SW	SW	-	-	1.4	3.0	20.0	30.0
12	18.0	22.5	30.5	32.0	23.5	30.0	21.5	25.0	83.0	65.0	-	-	0.6	0.4	SW	SW	-	-	1.6	2.8	21.0	30.0
13	19.0	23.0	31.0	32.5	23.0	30.0	20.5	25.0	71.0	65.0	-	2.0	3.5	1.1	SW	SW	-	-	1.8	3.0	21.5	31.0
14	17.5	23.5	31.5	32.0	24.0	30.5	21.0	25.0	75.0	63.0	4.0	2.0	0.8	2.2	SW	SW	-	-	2.0	3.0	22.0	30.0
15	15.0	20.5	32.0	34.5	23.0	31.5	20.0	26.0	75.0	63.0	2.0	-	1.0	2.8	SW	SW	-	-	1.8	3.2	19.5	30.5
16	15.0	21.0	33.0	36.0	22.0	31.0	18.5	25.0	70.0	60.0	2.0	2.0	0.3	2.8	SW	SW	-	-	2.0	3.5	19.5	31.5
17	17.0	23.0	33.0	37.0	24.0	31.0	20.0	27.0	68.0	72.5	-	-	0.3	4.4	SW	SW	-	-	2.0	3.8	20.0	30.0
18	18.5	22.0	31.0	37.0	23.0	33.0	21.0	27.0	83.0	71.5	-	2.0	0.4	3.3	SW	SW	-	-	2.2	4.0	21.5	31.5
19	19.0	23.5	34.0	36.5	24.0	33.0	21.5	28.0	79.0	67.5	-	2.0	0.3	4.5	SW	SW	-	-	2.3	3.8	22.0	30.5
20	19.0	23.0	37.0	34.0	23.0	30.0	21.0	26.0	83.0	72.0	2.0	-	1.6	3.5	SW	SW	-	-	2.3	4.0	22.5	31.5
21	17.0	17.0	32.0	37.0	23.0	33.0	20.0	27.0	75.0	61.5	-	-	0.3	3.4	SW	SW	-	-	2.0	4.1	21.0	31.5
22	17.0	17.0	34.0	39.0	22.5	32.0	19.0	27.0	70.5	70.0	-	-	0.2	2.7	SW	SW	-	-	2.0	4.3	21.0	32.5
23	20.0	24.0	31.0	40.0	25.0	37.0	21.0	30.0	72.0	58.5	-	-	0.2	3.1	SW	SW	-	-	2.5	5.0	22.0	35.0
24	21.0	29.0	33.0	42.0	29.0	38.0	25.0	32.0	71.0	64.0	-	-	0.3	2.8	SW	SW	-	-	2.5	5.0	24.0	34.5
25	24.0	24.0	39.0	42.0	29.0	38.0	25.0	31.5	71.0	62.0	-	-	0.2	3.2	SW	SW	-	-	2.8	5.1	26.0	34.5
26	22.0	29.0	40.0	41.0	29.5	37.0	26.0	31.0	74.5	63.5	-	-	0.3	3.1	SW	SW	-	-	2.5	4.8	25.0	34.0
27	22.5	30.0	38.0	41.0	30.0	38.0	26.0	32.0	72.0	64.0	-	2.0	0.2	3.3	SW	SW	-	-	2.6	4.7	25.0	34.0
28	22.0	31.0	39.0	42.0	32.0	37.0	27.0	32.0	69.5	69.5	2.0	-	0.3	4.5	SW	SW	-	-	2.5	5.0	24.5	34.0
29	23.0	33.0	38.0	43.0	32.0	40.0	27.0	34.0	67.0	66.0	2.0	-	0.5	4.2	SW	SW	-	-	3.0	5.5	26.0	35.5
30	25.0	32.0	41.0	44.0	32.5	40.0	28.0	34.0	70.5	66.0	2.0	2.0	0.7	5.8	SW	SW	-	-	2.8	5.3	25.5	34.5
31	23.0	41.0	41.0		31.0		27.0				-	-	0.9		SW		-	-	3.0		25.5	
Total	596.0	711.0	1068.5	1137.0	786.0	1030.0	684.0	865.0	2281.5	2052.5	44.0	30.0	18.1	95.8			0.0	9.4	67.8	123.1	694.0	976.0
Average	19.2	22.9	34.5	36.7	25.4	33.2	22.1	27.9	73.6	66.2	1.4	1.0	0.6	3.1			0.0	0.3			22.4	31.5
	21.1		35.6		29.3		25.0		69.9		1.2		1.8				0.2		190.9		26.9	

Twice Daily Climatic Data

Station Code : EMN00B3
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raipou

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	23.5	32.0	41.0	44.0	33.0	40.0	28.3	31.0	67.5	66.0	2.0	2.0	0.7	5.2	SW	SW	-	-	2.8	4.5	25.5	33.5
2	29.0	29.0	41.0	43.0	34.0	38.0	30.0	32.0	72.0	64.0	4.0	2.0	1.3	5.2	SW	SW	-	-	3.5	4.8	30.0	34.5
3	27.0	34.0	38.0	43.0	34.0	38.0	30.0	32.0	72.0	64.0	4.0	4.0	2.2	6.3	SW	SW	-	-	2.9	5.2	27.5	36.0
4	31.0	33.0	40.0	43.0	33.0	38.0	29.0	32.0	73.5	64.0	4.0	2.0	3.1	6.3	SW	SW	-	-	3.0	5.0	27.5	35.0
5	31.0	33.5	40.0	42.0	33.0	40.0	30.0	34.0	79.5	66.0	4.0	2.0	2.7	6.0	SW	SW	-	-	3.2	5.2	28.5	35.0
6	30.5	35.0	41.0	44.0	34.0	40.0	30.0	35.0	74.0	71.0	2.0	4.0	2.8	4.9	SW	SW	-	-	3.2	5.5	28.0	38.0
7	25.0	33.0	42.0	44.0	33.0	40.0	29.0	34.0	73.5	66.0	2.0	2.0	0.8	4.7	SW	SW	-	-	3.0	5.0	27.0	35.0
8	25.0	34.0	41.0	44.0	34.0	38.0	29.5	32.0	71.0	64.0	2.0	-	0.8	4.2	SW	SW	-	-	3.1	5.2	27.0	35.0
9	27.0	27.0	39.0	42.5	31.0	38.0	27.0	33.0	72.5	70.0	2.0	2.0	1.1	4.8	SW	SW	-	-	3.3	4.7	28.0	33.5
10	23.0	31.5	40.0	40.0	31.0	36.0	26.5	30.0	69.0	63.0	2.0	-	0.6	5.3	SW	SW	-	-	2.7	4.0	25.0	32.5
11	19.0	31.0	37.5	40.0	31.5	36.5	26.0	31.0	64.0	66.0	-	-	0.3	4.6	SW	SW	-	-	2.5	4.1	24.0	33.0
12	20.0	32.0	38.0	42.0	32.0	38.0	27.0	31.0	67.0	59.0	-	-	0.3	3.9	SW	SW	-	-	2.3	5.0	24.0	35.0
13	23.5	32.0	39.0	44.0	33.0	40.0	28.0	34.0	67.5	67.0	-	2.0	0.5	3.7	SW	SW	-	-	2.5	5.2	25.0	35.0
14	24.0	31.5	42.0	43.5	32.0	40.0	27.0	34.0	67.0	67.0	2.0	-	0.8	3.0	SW	SW	-	-	2.6	5.0	25.0	34.5
15	24.0	32.0	42.0	44.5	31.0	40.0	28.0	35.0	78.5	71.0	2.0	-	1.0	4.4	SW	SW	-	-	2.8	5.4	26.0	35.0
16	26.5	33.5	38.0	44.0	33.0	40.0	30.0	34.0	79.5	66.0	2.0	2.0	1.1	4.3	SW	SW	-	-	3.0	5.5	26.5	35.0
17	26.0	27.5	38.0	43.0	32.0	40.0	29.0	33.5	79.0	63.0	2.0	-	2.4	3.6	SW	SW	-	-	2.8	6.0	26.0	37.0
18	27.5	30.0	41.0	44.0	33.5	41.0	30.0	35.0	77.0	66.5	-	-	1.1	3.4	SW	SW	-	-	3.5	6.0	29.5	38.0
19	30.0	29.5	43.0	44.5	35.0	39.5	32.0	34.0	80.5	60.0	2.0	4.0	0.7	4.1	SW	SW	-	-	3.5	5.5	29.5	36.0
20	34.0	35.0	40.0	45.0	35.0	41.0	31.0	34.5	74.5	59.0	4.0	4.0	1.7	6.8	SW	SW	-	-	3.3	6.0	28.5	38.5
21	34.0	38.0	42.0	45.5	36.5	40.0	32.0	34.0	72.0	66.0	4.0	4.0	2.5	2.9	SW	SW	-	-	4.0	6.5	30.0	40.0
22	30.0	35.0	41.0	45.0	36.0	41.0	30.5	35.5	66.0	69.5	4.0	6.0	4.1	6.6	SW	SW	2.6	-	2.6	6.0	27.5	39.0
23	27.0	34.5	42.0	45.5	34.0	40.0	30.0	34.0	74.0	66.0	4.0	4.0	1.3	6.8	SW	SW	-	-	2.8	6.0	27.5	38.0
24	33.0	35.0	41.0	43.0	35.0	40.0	30.5	34.5	71.5	69.0	2.0	4.0	2.2	7.9	SW	SW	-	-	2.9	5.5	28.0	33.5
25	32.5	35.0	41.0	43.0	35.0	39.5	30.5	33.5	71.5	66.0	2.0	-	2.9	7.7	SW	SW	-	-	2.8	5.2	27.5	33.0
26	33.0	37.0	41.0	44.0	36.0	40.0	31.0	34.0	69.0	66.0	2.0	6.0	2.1	6.4	SW	SW	-	-	3.0	6.0	29.0	35.0
27	26.0	35.5	41.0	43.5	35.0	40.0	30.0	34.0	66.0	66.0	-	4.0	0.9	6.0	SW	SW	-	-	2.7	5.6	28.0	34.0
28	24.0	35.0	42.0	44.0	34.0	40.0	29.0	33.0	68.0	61.0	-	-	1.1	4.0	SW	SW	-	-	2.7	5.5	27.5	34.0
29	24.5	34.0	41.5	44.0	34.0	41.0	28.5	34.0	65.0	61.5	-	-	0.4	3.6	SW	SW	-	-	2.5	5.4	26.0	34.0
30	24.0	-	42.0	-	-	-	28.0	-	78.5	-	4.0	-	1.8	-	-	-	-	-	2.2	-	25.5	-
Total	814.5	955.0	1216.0	1261.5	1004.5	1143.5	877.3	967.3	2163.0	1893.5	64.0	60.0	45.3	146.6	-	-	2.6	0.0	87.7	154.5	814.5	1025.5
Average	27.2	31.8	40.5	42.1	33.5	38.1	29.2	32.3	72.1	63.1	2.1	2.0	1.5	4.9	-	-	0.1	0.0	-	-	27.2	34.2
	29.5	-	41.3	-	35.8	-	30.7	-	67.6	-	2.1	-	3.2	-	-	-	0.0	-	242.2	-	30.7	-

Twice Daily Climatic Data

Station Code : EMN0083
Local River/Basin : Jonk

Station Name : Rampu
Sub-Division : Raipu

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPaPM																						
1	31.0	32.0	43.0	41.0	32.0	38.0	28.0	32.0	73.0	64.0	-	2.0	2.7	4.6	SW	SW	-	-	3.2	3.8	27.0	32.5
2	25.5	33.5	39.0	42.0	33.0	39.0	29.0	33.0	73.5	65.0	1.0	-	1.4	4.4	SW	SW	-	-	3.0	4.5	27.0	34.5
3	28.0	34.0	40.0	43.5	34.0	40.0	30.0	33.5	74.0	63.0	-	-	0.3	3.2	SW	SW	-	-	3.5	5.0	28.0	36.0
4	28.0	34.0	42.0	44.0	33.5	41.0	29.5	35.0	74.0	66.5	4.0	2.0	0.9	4.1	SW	SW	-	-	3.3	4.8	27.5	35.0
5	30.0	36.5	42.5	45.0	36.0	41.0	31.0	35.0	69.0	66.5	-	4.0	0.9	5.1	SW	SW	-	-	3.6	5.0	28.5	36.0
6	31.0	38.0	42.5	43.5	37.0	40.0	32.0	34.0	69.5	66.0	2.0	4.0	4.0	0.1	SW	SW	-	-	3.8	5.2	29.0	38.0
7	30.5	38.0	42.0	44.0	36.0	41.0	30.0	34.0	63.0	71.5	-	-	2.8	1.3	SW	SW	-	-	3.6	5.0	28.0	39.0
8	30.0	36.0	42.0	44.0	36.5	41.0	31.0	35.0	69.0	66.5	-	4.0	3.9	6.3	SW	SW	-	-	3.5	5.0	28.5	40.0
9	31.0	35.0	43.0	43.5	35.0	41.0	30.0	33.0	68.5	56.5	2.0	-	1.3	4.0	SW	SW	-	-	3.6	4.8	29.5	36.0
10	31.5	30.0	42.0	42.5	34.0	39.5	29.0	33.5	68.0	66.0	2.0	2.0	2.3	2.2	SW	SW	-	1.8	3.5	4.6	29.0	35.5
11	30.0	30.0	41.0	38.0	35.0	34.0	30.0	30.0	68.5	74.0	2.0	4.0	1.5	5.3	SW	SW	-	-	3.5	4.3	29.0	31.5
12	26.0	35.0	35.0	42.0	35.0	40.5	29.0	34.0	62.5	63.0	-	-	1.0	3.6	SW	SW	-	-	2.9	5.2	26.0	37.0
13	30.0	37.0	42.0	44.0	36.0	38.5	31.0	33.0	69.0	67.0	4.0	4.0	0.6	6.6	SW	SW	-	-	3.8	5.5	31.0	38.0
14	32.0	37.0	39.0	46.0	36.0	43.0	31.0	36.0	69.0	62.5	4.0	2.0	3.0	5.9	SW	SW	-	-	3.5	5.3	30.0	37.0
15	33.0	37.5	42.0	47.0	37.0	44.0	32.0	37.0	69.5	63.0	4.0	2.0	1.8	5.9	SW	SW	-	-	3.4	5.5	30.0	36.0
16	35.0	37.5	45.0	47.5	37.0	44.0	32.0	38.0	69.5	67.0	-	2.0	1.7	5.2	SW	SW	-	-	3.6	5.6	30.0	36.5
17	31.5	38.0	45.5	47.0	38.0	43.0	33.0	37.0	70.0	67.0	-	2.0	1.2	5.6	SW	SW	-	-	3.8	5.5	31.0	36.0
18	32.0	36.0	45.0	45.5	36.0	43.0	32.5	36.0	78.0	62.5	2.0	2.0	1.6	4.1	SW	SW	-	-	4.0	6.0	31.0	37.0
19	29.5	31.5	44.0	44.5	32.0	42.0	29.0	36.0	79.0	67.0	-	4.0	2.7	4.1	SW	SW	-	-	3.8	5.6	29.5	36.0
20	31.0	36.0	43.0	45.5	36.5	43.0	31.5	36.0	69.5	62.5	2.0	4.0	1.7	4.6	SW	SW	-	-	3.6	5.8	29.0	37.0
21	31.0	36.5	43.0	45.5	36.5	46.0	31.0	36.0	66.0	62.5	-	-	1.5	3.7	SW	SW	-	-	3.6	6.0	29.5	38.0
22	30.5	36.0	44.5	46.0	36.5	43.5	31.0	36.5	68.0	63.0	-	2.0	0.9	5.3	SW	SW	-	-	3.4	6.0	28.5	36.5
23	23.0	36.5	45.5	46.0	37.5	42.5	30.5	35.0	59.0	60.5	2.0	-	1.0	4.4	SW	SW	-	-	3.8	6.0	37.0	30.0
24	29.0	39.0	45.5	45.5	39.5	43.0	33.5	35.5	66.0	55.5	2.0	-	0.6	4.4	NW	SW	-	-	3.6	6.0	36.0	30.5
25	31.0	38.0	44.5	46.0	38.0	43.0	32.0	35.0	64.0	57.5	-	-	1.0	3.5	NW	SW	-	-	3.5	6.5	38.0	29.0
26	32.0	34.0	44.0	46.0	33.0	43.0	29.0	37.0	73.0	67.5	-	2.0	0.4	5.3	NW	SW	-	-	3.2	6.6	37.0	29.5
27	30.5	34.0	45.0	45.0	34.0	40.0	30.0	34.0	74.0	67.0	-	4.0	2.2	4.3	SW	NW	-	-	3.0	7.0	29.5	38.5
28	23.5	31.0	41.0	42.0	30.0	39.0	27.0	34.0	78.0	70.5	2.0	2.0	3.4	3.9	SW	NE	22.8	-	2.3	6.2	27.5	35.0
29	26.5	29.0	41.0	40.0	31.0	33.0	26.0	28.0	66.0	67.0	2.0	6.0	2.7	5.5	NW	NW	-	-	3.3	4.5	28.5	33.0
30	28.0	33.5	37.0	41.5	32.5	38.0	26.5	30.0	61.0	54.0	4.0	4.0	2.3	5.9	SW	SW	-	-	3.5	5.0	28.5	35.5
31	30.0	39.0	39.0	39.0	30.0	30.0	25.0	25.0	65.0	65.0	2.0	-	2.9	-	SW	-	-	-	3.3	-	28.0	-
Total	921.5	1050.0	1309.5	1323.5	1084.0	1227.5	932.0	1032.0	2144.0	1932.0	43.0	64.0	56.2	132.4	-	-	22.8	1.8	107.0	161.8	926.5	1060.0
Average	29.7	33.9	42.2	42.7	35.0	39.6	30.1	33.3	69.2	62.3	1.4	2.1	1.8	4.3	-	-	0.7	0.1	3.4	5.2	29.9	34.2
	31.8		42.5		37.3		31.7		65.7		1.7		3.0				0.4		268.8		32.0	

* : One or more data missing LDoPM : Last day of previous month

Station Code : 163

Local River/Basin : Jonk

Twice Daily Climatic DataStation Name : Sank
Sub-Division : Raij

JUNE 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	31.0	30.0	39.0	41.0	42.5	42.5	-	-	0.6	5.8	SW	NE	-	-	2.0	6.0	30.0	35.5
2	30.0	31.0	32.0	42.0	42.5	42.5	-	-	2.9	5.8	SE	SE	-	-	4.0	2.0	28.5	36.5
3	28.0	28.0	41.0	38.0	42.5	42.5	-	-	2.9	4.8	SE	SE	3.6	2.2	2.0	2.0	29.0	34.5
4	32.0	32.0	37.0	39.0	42.5	42.5	-	-	3.0	5.1	SE	SE	0.6	-	2.0	5.0	28.0	36.0
5	32.0	34.0	40.0	41.0	42.5	42.5	-	-	5.3	4.6	SE	SE	-	-	4.0	2.0	28.5	37.5
6	32.0	36.0	41.0	39.0	42.5	42.5	-	-	2.9	6.2	NW	SE	-	-	4.0	6.0	29.5	37.0
7	34.0	35.0	39.0	39.0	42.5	42.5	-	-	3.2	5.0	SW	NW	-	-	3.8	4.0	30.5	37.5
8	32.0	32.0	39.0	40.0	42.5	42.5	-	-	4.6	8.1	SE	NW	-	-	8.0	4.0	28.0	36.0
9	33.0	33.0	40.0	40.0	42.5	42.5	-	-	6.5	10.9	NW	SW	-	-	2.0	10.0	38.5	33.5
10	32.0	34.0	38.0	39.0	42.5	42.5	2.0	2.0	4.3	11.9	SW	SE	-	-	2.0	10.0	38.5	34.5
11	33.0	34.0	37.0	38.0	42.5	42.5	2.0	2.0	4.9	9.6	NW	NW	-	-	6.5	6.0	28.5	34.0
12	33.0	34.0	36.0	39.0	42.5	42.5	2.0	2.0	9.8	8.9	SW	NW	0.8	-	2.0	6.3	26.5	34.0
13	28.0	27.0	35.0	36.0	42.5	42.5	2.0	2.0	5.6	8.5	NW	NW	1.8	-	1.2	4.8	27.5	36.0
14	29.0	30.0	31.0	36.0	42.5	42.5	2.0	2.0	7.2	11.6	SW	NW	1.4	-	2.0	6.0	37.0	34.5
15	32.0	32.0	39.0	38.0	42.5	42.5	2.0	2.0	4.9	11.5	SE	NE	-	-	6.0	6.6	28.0	35.5
16	31.0	33.0	38.0	38.5	42.5	44.5	4.0	2.0	4.2	6.2	NW	NW	0.4	-	4.0	4.0	28.5	33.0
17	32.0	34.0	39.5	40.0	44.5	44.5	2.0	2.0	3.1	4.5	NW	SW	2.2	-	2.0	4.5	26.0	33.0
18	29.0	31.0	37.0	38.0	44.5	44.5	2.0	2.0	4.5	3.1	SW	SW	5.6	-	6.0	2.0	25.5	34.5
19	32.0	33.0	38.5	39.5	44.5	44.5	2.0	-	3.2	5.0	SE	SE	2.4	-	2.0	2.0	28.0	32.0
20	30.0	30.5	36.0	37.0	44.5	44.5	2.0	2.0	2.8	7.7	SW	SE	-	-	2.0	4.0	27.5	34.5
21	31.0	32.0	36.5	38.0	46.0	46.0	2.0	2.0	4.5	5.8	SW	SE	-	-	2.0	6.0	29.0	35.5
22	32.0	32.0	39.0	39.0	46.0	46.0	4.0	2.0	3.3	6.9	SW	SW	-	-	6.0	4.0	29.5	25.0
23	33.0	33.5	39.0	39.5	46.0	46.0	2.0	2.0	2.9	6.7	SW	NW	-	-	4.0	4.0	29.5	35.0
24	28.5	29.0	36.5	37.0	46.0	46.0	2.0	2.0	6.0	4.3	SW	SW	45.2	-	40.0	1.5	25.5	32.0
25	27.0	28.0	34.0	35.0	46.0	46.0	2.0	2.0	1.4	4.2	SW	NW	-	-	1.0	2.4	28.5	38.0
26	29.0	29.0	33.0	33.5	46.0	46.0	2.0	2.0	2.1	4.6	NW	SE	0.4	-	2.0	2.0	29.0	36.5
27	29.0	29.5	33.0	33.5	46.0	46.0	2.0	2.0	3.5	3.8	NE	SE	-	-	6.0	2.0	27.5	34.5
28	29.0	29.0	32.0	32.5	46.0	46.0	2.0	2.0	3.8	6.5	SE	SE	6.4	-	8.0	2.0	28.0	33.0
29	28.0	28.5	32.0	32.5	46.0	46.0	-	2.0	3.5	8.8	SE	NE	14.6	-	8.0	4.0	27.5	32.5
30	27.0		31.0		46.0	46.0	2.0		3.8		SE		-	-	2.0		27.5	
Total	918.5	914.0	1099.0	1098.5	1318.0	1274.0	44.0	38.0	121.2	196.4			85.4	2.2	146.5	125.1	873.5	1001.5
Average	30.6	31.5	36.6	37.9	43.9	43.9	1.5	1.3	4.0	6.8			2.8	0.1			29.1	34.5
	31.1		37.3		43.9		1.4		5.4				1.5		271.6		31.8	

• One or more data missing LDoPM : Last day of previous mo

Twice Daily Climatic Data

Station Code : 163
Local River/Basin : Jonk

Station Name : Sankara
Sub-Division : Raipur

JULY 2016

	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																		
1	20.0	20.0	33.0	35.0	48.0	48.0	2.0	2.0	1.7	3.7	SSW	SSE	-	-	2.0	2.0	29.5	36.0
2	19.0	19.0	31.0	33.0	48.0	48.0	2.0	0.5	6.2	3.6	NNW	SSE	0.6	-	2.0	4.0	26.0	31.5
3	16.0	18.0	31.0	31.0	48.0	48.0	0.5	2.0	5.7	8.5	SSW	NNW	14.4	-	2.0	0.7	25.5	28.0
4	16.0	19.0	29.0	29.0	48.0	48.0	2.0	2.0	8.1	9.6	SSW	SSW	-	-	1.0	13.0	25.0	27.5
5	15.0	15.0	28.0	28.0	48.0	48.0	2.0	2.0	7.5	10.3	SSW	SW	13.0	-	2.0	16.0	24.5	28.0
6	15.0	17.0	29.0	31.0	48.0	48.0	2.0	2.0	9.0	9.4	NNW	SSW	17.8	-	18.0	2.0	24.5	29.5
7	16.0	16.0	28.0	29.0	48.0	48.0	0.7	2.0	6.7	8.5	SSW	SSW	6.8	0.2	6.0	2.0	25.0	26.5
8	14.0	15.0	23.0	27.0	48.0	48.0	1.0	1.0	9.3	3.7	NNW	SSW	6.2	0.6	6.0	6.0	24.0	26.5
9	15.0	15.0	27.0	29.0	48.0	48.0	0.5	2.0	3.1	5.4	SSW	SSE	6.4	-	2.0	1.5	25.0	30.5
10	15.0	16.0	28.0	29.0	49.5	49.5	0.5	0.7	4.7	5.6	NNW	SSW	24.2	30.8	20.0	30.0	25.5	27.5
11	16.0	16.0	28.0	29.0	49.5	49.5	0.5	2.0	3.9	5.5	SSW	SSW	53.4	-	22.0	2.0	25.0	29.0
12	15.0	19.0	29.0	29.0	49.5	49.5	1.0	1.0	4.2	7.0	SSW	SW	2.8	-	34.0	1.4	25.0	26.5
13	16.0	18.0	28.0	28.0	49.5	49.5	1.0	2.0	6.6	8.8	NNW	SSW	1.2	-	12.0	0.8	24.5	29.0
14	16.0	17.0	29.0	31.0	49.5	49.5	0.7	1.0	3.4	10.3	SSW	NNE	-	-	2.0	2.0	27.5	31.5
15	18.0	18.0	31.0	32.0	49.5	49.5	2.0	-	3.0	8.7	NNW	NE	-	1.2	2.0	2.0	26.5	28.0
16	16.0	17.0	29.0	31.0	49.5	49.5	2.0	1.0	2.9	7.0	SSW	NNW	15.4	2.2	14.0	3.5	23.5	27.5
17	17.0	19.0	27.0	27.5	49.5	49.5	0.5	1.0	2.9	7.4	SSW	SSW	4.6	-	1.8	2.0	25.5	31.0
18	16.0	16.0	29.0	30.0	49.5	49.5	2.0	2.0	2.7	6.6	SSW	NNW	12.0	-	10.0	2.0	25.0	30.5
19	16.0	17.0	29.0	30.0	49.5	49.5	1.0	2.0	4.5	7.3	NNW	NNW	1.4	-	1.0	2.0	25.0	30.5
20	17.0	18.0	30.0	30.0	49.5	49.5	2.0	-	5.4	4.5	NNW	NE	-	-	1.0	14.0	26.0	29.5
21	16.0	19.0	28.0	29.0	49.5	49.5	1.0	-	2.5	2.6	SSW	NE	15.0	-	2.0	1.3	26.5	35.5
22	18.0	18.0	30.0	32.0	49.5	49.5	0.5	-	2.1	3.1	SSW	NE	29.0	-	28.0	2.5	27.0	33.0
23	17.0	20.0	27.0	33.0	49.5	49.5	1.0	-	2.3	3.6	SW	NE	-	7.8	2.0	5.5	33.5	37.5
24	16.0	18.0	33.0	34.0	49.5	49.5	1.0	0.5	2.2	3.5	SSE	SSE	7.8	-	3.0	2.0	27.5	35.5
25	16.0	19.0	30.0	33.0	49.5	49.5	2.0	1.0	2.1	5.1	NNW	SSE	-	-	2.0	4.0	31.5	33.5
26	17.0	17.0	29.0	32.0	49.5	49.5	0.5	2.0	2.7	4.4	NNW	SSW	18.4	8.0	18.0	10.0	25.5	27.0
27	17.0	19.0	29.0	30.0	49.5	49.5	2.0	-	2.0	4.1	NNE	NE	19.6	31.0	4.0	24.0	25.5	29.5
28	18.0	20.5	30.0	32.0	49.5	49.5	2.0	2.0	0.8	6.4	SW	SSW	31.0	-	1.5	4.0	27.5	35.5
29	18.5	19.0	29.0	31.0	49.5	49.5	2.0	1.0	3.3	7.2	SSW	NNW	-	-	4.0	2.2	27.0	33.5
30	21.0	21.0	32.0	33.0	49.5	49.5	2.0	2.0	2.5	3.8	SSE	SW	-	-	2.0	2.0	27.5	33.5
31	22.0		34.0		49.5	49.5	2.0	2.4			SW		28.4		26.0		25.5	
Total	520.5	563.0	907.0	949.0	1517.5	1517.5	41.9	38.7	126.4	189.3			329.4	81.8	253.3	171.4	812.5	955.5
Average	16.8	18.2	29.3	30.6	49.1	49.0	1.4	1.2	4.1	6.1			10.6	2.6			26.2	30.8
	17.5		29.9		49.0		1.3		5.1				6.6		424.7		28.5	

* : One or more data missing LDoPM : Last day of previous month

Station Code : 163

Local River/Basin : Jonk

Twice Daily Climatic DataStation Name : Sanb
Sub-Division : Rai

AUG 2016

	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	18.0	17.0	30.0	31.0	49.5	49.5	2.0	2.0	2.3	6.6	NW	SW	8.2	9.6	4.0	8.0	27.0	28.5
2	12.5	13.0	29.0	29.0	49.5	49.5	1.0	2.0	3.5	5.4	SW	SW	9.6	6.6	4.0	8.0	26.5	29.0
3	12.0	16.0	29.0	30.0	49.5	49.5	2.0	2.0	5.0	7.0	SW	NW	9.2	-	1.0	1.0	26.0	26.5
4	11.0	11.0	28.5	28.5	49.5	49.5	2.0	2.0	4.7	8.3	NW	NW	2.4	-	2.0	10.0	24.5	27.0
5	15.0	19.0	27.0	28.5	49.5	49.5	2.0	2.0	5.8	8.3	SW	SW	6.8	-	1.1	6.0	25.0	26.0
6	16.0	15.0	27.0	27.0	49.5	49.5	2.0	2.0	6.1	7.4	NW	SW	-	4.8	2.0	2.0	25.5	28.5
7	15.0	15.0	26.0	28.0	49.5	49.5	2.0	2.0	6.0	11.1	SW	SW	12.8	-	8.0	4.0	24.5	31.0
8	15.5	19.0	28.0	30.0	49.5	49.5	2.0	2.0	4.7	10.5	SW	SW	-	-	2.0	2.0	26.0	30.0
9	15.0	16.5	27.0	30.0	49.5	49.5	2.0	2.0	4.2	9.0	NW	SW	-	-	4.0	2.0	26.5	30.5
10	14.0	15.0	29.0	30.0	49.5	49.5	2.0	2.0	5.4	7.2	SW	SW	26.6	-	28.0	2.0	25.0	28.5
11	18.0	20.0	28.0	31.0	49.5	49.5	2.0	2.0	5.2	10.0	NW	NW	11.0	-	8.0	3.5	25.5	29.0
12	17.0	19.0	29.0	30.0	49.5	49.5	2.0	2.0	6.9	9.4	SE	NW	-	-	3.0	3.0	25.5	30.5
13	15.0	16.0	28.5	29.5	49.5	49.5	2.0	2.0	5.1	9.1	NW	SW	-	-	4.0	2.8	25.5	32.0
14	17.0	17.0	30.0	32.0	49.5	49.5	2.0	2.0	5.9	10.5	SW	SW	-	-	2.0	1.0	26.0	26.5
15	18.0	19.0	29.0	31.0	49.5	49.5	2.0	2.0	8.9	7.1	NW	SW	-	-	2.0	3.0	26.5	26.5
16	16.0	16.0	28.0	29.5	49.5	49.5	2.0	2.0	7.7	15.5	NW	NW	0.6	-	1.2	2.0	24.0	25.0
17	14.0	15.0	26.0	26.0	49.5	49.5	2.0	2.0	5.4	10.1	NW	NW	1.8	2.4	4.0	10.0	24.5	25.5
18	14.0	16.0	26.0	26.0	49.5	49.5	2.0	2.0	9.5	13.6	SW	SW	7.8	-	3.0	1.0	23.5	32.0
19	19.0	23.0	26.0	28.0	49.5	49.5	2.0	2.0	5.9	6.5	SW	SW	-	-	1.0	3.0	24.5	33.0
20	18.0	20.0	31.0	32.0	49.5	49.5	2.0	2.0	1.3	6.6	SW	SW	-	-	4.0	4.0	27.0	34.5
21	17.0	18.0	29.0	32.0	49.5	49.5	2.0	2.0	1.9	7.3	SW	NW	-	-	2.0	2.0	26.0	29.5
22	19.0	22.0	30.0	32.0	49.5	49.5	2.0	-	2.7	6.4	SE	NE	-	-	3.0	1.0	27.5	33.0
23	17.0	22.0	32.0	32.0	49.5	49.5	2.0	-	4.7	7.9	NE	NE	-	-	2.0	4.0	27.0	33.5
24	19.0	23.0	32.0	32.0	49.5	49.5	-	-	1.0	3.3	NE	NE	-	-	2.5	2.4	28.0	28.5
25	18.0	21.0	32.0	33.0	49.5	49.5	2.0	2.0	0.9	3.1	NW	SW	-	-	2.0	5.0	27.5	34.5
26	18.0	19.0	29.0	31.0	49.5	49.5	2.0	2.0	1.6	3.1	SW	SE	5.2	-	1.0	3.5	26.0	34.5
27	17.0	18.0	27.0	31.0	49.5	49.5	2.0	2.0	1.7	3.4	SW	SW	7.2	-	1.5	2.0	27.0	36.5
28	18.5	21.0	30.0	35.0	49.5	49.5	2.0	2.0	1.7	4.2	SE	SW	-	-	4.0	3.0	25.5	27.0
29	20.5	21.0	33.0	35.0	49.5	49.5	2.0	-	0.2	3.4	SW	NE	-	-	1.5	3.8	29.5	33.0
30	19.0	20.0	30.0	32.0	49.5	49.5	2.0	2.0	0.8	4.7	SE	SE	-	-	6.0	2.0	30.0	31.5
31	21.0	31.0	31.0	49.5	49.5	49.5	2.0	-	2.7	-	SW	-	49.4	-	44.0	-	28.0	-
Total	514.0	566.5	894.0	948.0	1534.5	1534.5	59.0	54.0	129.4	229.6			158.6	23.4	157.8	109.0	811.0	936.0
Average	16.6	18.3	28.8	30.6	49.5	49.5	1.9	1.7	4.2	7.4			5.1	0.8	-	-	26.2	30.2
	17.4		29.7		49.5		1.8		5.8				2.9		266.8		28.2	

* : One or more data missing LDoPM : Last day of previous mc

Station Code : 163
Local River/Basin : Jonk

Twice Daily Climatic Data

Station Name : Sankar
Sub-Division : Raipu

SEPT 2016

	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	18.0	17.0	28.0	29.0	49.5	49.5	2.0	2.0	1.1	3.3	SE	SW	8.6	8.6	8.0	6.0	27.5	28.0
2	16.0	17.0	27.0	30.0	49.5	49.5	2.0	2.0	7.2	-	SW	SW	9.2	0.4	5.0	2.0	26.5	33.0
3	16.0	16.5	31.0	31.5	50.0	50.0	2.0	2.0	5.1	6.5	SW	SW	0.4	-	2.0	1.0	26.5	26.0
4	16.0	16.0	30.0	28.0	50.0	50.0	2.0	2.0	3.2	4.1	SW	NW	9.0	-	12.0	1.0	25.5	27.0
5	16.5	16.0	37.0	29.0	50.0	50.0	2.0	2.0	3.0	-	NW	SW	2.0	-	2.0	1.0	25.5	26.5
6	15.0	15.0	28.0	31.0	50.0	50.0	2.0	2.0	7.9	6.7	SW	NW	2.0	-	2.0	2.0	27.0	32.5
7	16.5	16.0	30.0	29.0	50.0	50.0	2.0	2.0	4.0	6.1	SW	SW	-	-	2.0	1.0	25.5	29.0
8	16.0	16.0	29.0	29.0	50.0	50.0	2.0	2.0	3.6	5.4	SW	NW	0.8	-	1.0	1.3	25.5	29.0
9	16.0	16.0	29.0	30.0	50.0	50.0	2.0	2.0	3.8	5.4	SW	SW	0.4	14.2	1.0	1.0	26.5	27.0
10	16.0	16.0	30.0	29.0	50.0	50.0	2.0	2.0	1.9	5.5	SW	SW	50.2	-	48.0	2.0	30.5	31.5
11	16.5	16.0	31.0	31.0	50.0	50.0	2.0	2.0	1.9	4.7	NE	NE	4.8	-	1.0	1.5	26.5	32.0
12	17.0	17.0	31.0	30.0	50.0	50.0	2.0	2.0	1.5	3.0	NE	SW	9.0	-	1.0	4.0	26.5	30.0
13	16.5	16.0	30.0	30.0	50.0	50.0	2.0	2.0	2.1	3.7	NE	NW	27.6	-	0.2	10.0	26.5	31.5
14	14.0	19.0	29.0	28.0	50.0	50.0	2.0	2.0	1.3	3.8	SW	SW	14.0	-	2.0	2.0	26.5	33.5
15	16.0	16.0	30.0	34.0	50.0	50.0	2.0	2.0	2.0	1.2	SE	SW	7.2	-	1.0	3.5	26.0	34.0
16	16.0	18.0	33.0	34.0	50.0	50.0	2.0	-	0.6	-	SE	SE	-	-	1.5	2.0	27.0	32.0
17	15.0	16.0	30.0	32.0	50.0	50.0	-	2.0	-	-	SE	SW	-	-	3.5	2.0	27.5	33.0
18	16.0	18.0	29.0	36.0	50.0	50.0	2.0	-	-	-	SW	SW	-	-	2.5	2.5	33.0	36.0
19	17.0	16.0	31.5	30.0	50.0	50.0	-	2.0	0.1	0.2	SW	NW	28.4	-	22.0	2.0	26.5	31.0
20	14.0	17.0	29.0	36.0	50.0	50.0	-	-	6.6	0.1	NW	NW	-	-	2.0	2.0	26.5	35.0
21	17.0	21.0	30.0	33.0	50.0	50.0	2.0	-	-	0.9	NW	SE	-	-	2.0	6.0	26.0	33.5
22	17.0	18.0	33.0	33.0	50.0	50.0	2.0	2.0	1.6	4.8	SE	SE	-	-	2.0	1.0	25.5	32.0
23	17.0	15.0	32.0	30.0	52.5	52.5	2.0	2.0	5.2	4.8	SE	SE	-	-	2.0	2.0	26.5	32.0
24	16.0	16.0	29.0	32.0	52.5	52.5	2.0	-	2.6	4.8	SE	SE	7.0	-	1.0	2.0	26.5	32.5
25	18.0	18.0	32.0	32.0	52.5	52.5	-	-	2.4	4.2	SE	NE	-	-	2.5	1.0	27.0	32.5
26	17.0	16.0	31.0	27.0	52.5	52.5	2.0	-	1.6	-	SE	SE	-	-	0.8	2.0	27.0	33.0
27	17.0	16.0	28.0	29.0	52.5	52.5	-	2.0	-	2.8	SE	NE	46.2	5.8	1.0	6.0	26.0	28.5
28	16.0	16.0	31.0	30.0	52.5	52.5	2.0	2.0	1.0	2.7	SE	NW	8.8	-	3.0	1.5	25.5	31.5
29	16.0	17.0	29.0	30.0	52.5	52.5	2.0	2.0	1.7	3.9	SE	NE	13.0	-	10.0	3.5	26.5	31.5
30	16.0	28.5	28.5	28.5	52.5	52.5	2.0	2.0	2.1	-	SE	SE	2.2	2.0	2.0	2.0	26.5	26.5
Total	487.0	504.5	906.0	925.5	1519.0	1516.0	50.0	44.0	75.1	91.8			250.8	29.0	146.0	80.8	802.0	939.5
Average	16.2	16.8	30.2	30.9	50.6	50.5	1.7	1.5	2.5	3.1			8.4	1.0			26.7	31.3
	16.5		30.5		50.6		1.6		2.8				4.7		226.8		29.0	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : 163
Local River/Basin : Jonk

Station Name : Sank
Sub-Division : Rai

OCT. 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
UPoPM																		
1	16.5	17.0	31.0	31.0	52.5	52.5	2.0	2.0	2.7	5.3	NE	NE	-	8.0	2.0	2.0	26.5	31.5
2	16.0	17.0	31.0	32.0	52.5	52.5	2.0	-	2.1	-	NE	NE	-	-	2.0	6.0	26.0	31.0
3	18.0	17.0	32.0	31.0	52.5	52.5	-	-	-	3.3	NE	NE	-	-	2.0	4.0	28.0	31.5
4	18.0	16.0	29.0	31.0	52.5	52.5	2.0	2.0	2.4	5.0	SW	SE	5.0	-	2.0	2.0	26.5	32.0
5	17.0	16.0	29.0	27.0	52.5	52.5	2.0	-	1.8	3.7	NW	NE	-	-	2.5	1.5	30.0	34.0
6	21.0	19.0	27.0	32.0	52.5	52.5	2.0	2.0	0.9	3.4	SW	SW	-	-	2.0	2.0	33.5	31.0
7	16.0	16.0	31.0	30.0	52.5	52.5	2.0	-	1.9	4.1	SW	SW	-	0.2	2.0	3.5	25.5	29.0
8	16.0	16.0	29.0	30.0	52.5	52.5	-	-	0.8	1.8	NE	SW	3.2	14.8	1.5	2.0	26.5	30.0
9	16.0	16.0	27.0	29.0	52.5	52.5	2.0	-	1.9	3.9	NE	NE	32.2	-	3.0	1.5	26.0	27.0
10	15.0	17.0	28.0	30.0	52.5	52.5	2.0	2.0	2.7	6.0	NE	SW	-	-	4.0	2.0	26.0	32.0
11	15.0	16.0	29.0	32.0	52.5	52.5	2.0	2.0	0.9	4.6	SW	SW	-	-	4.0	2.0	28.5	31.0
12	16.0	15.0	30.0	32.0	52.5	52.5	2.0	-	0.9	1.7	SW	SW	-	-	2.0	2.0	27.0	32.5
13	16.0	16.0	31.0	33.0	52.5	52.5	2.0	-	0.7	2.8	NE	NE	-	-	2.0	2.0	22.0	33.0
14	16.0	16.0	32.0	33.0	52.5	52.5	2.0	-	0.8	2.4	NE	NE	-	-	2.0	1.7	23.5	31.0
15	16.0	16.0	32.0	31.0	52.5	52.5	2.0	-	1.2	3.5	NE	NE	-	-	1.5	3.5	26.0	30.0
16	14.0	14.0	33.0	29.0	52.5	52.5	2.0	-	0.7	3.0	SW	SW	-	-	2.0	4.0	20.0	30.5
17	17.0	14.0	32.0	31.0	52.5	52.5	2.0	-	0.1	2.9	SW	SW	-	-	2.0	21.0	23.5	31.0
18	16.0	16.0	31.0	31.0	52.5	52.5	2.0	2.0	0.3	3.8	SW	SW	-	-	2.0	2.5	21.5	30.0
19	15.0	17.0	31.0	31.0	52.5	52.5	2.0	-	0.3	2.9	SE	SE	-	-	2.0	4.0	20.5	29.5
20	14.0	14.0	31.0	30.0	52.5	52.5	-	-	0.9	1.7	SE	SE	-	-	1.0	2.0	20.5	30.0
21	14.0	14.0	29.0	31.0	52.5	52.5	-	-	0.3	-	SW	SW	-	-	2.0	2.0	22.0	30.5
22	14.0	15.0	29.0	30.0	52.5	52.5	-	-	-	2.8	NW	NW	-	-	1.5	2.0	21.5	30.5
23	14.0	14.0	28.0	31.0	52.5	52.5	2.0	-	1.0	3.7	NW	NW	-	-	2.0	2.0	21.0	30.0
24	14.0	15.0	31.0	30.0	52.5	52.5	2.0	-	0.8	3.8	NW	SE	-	-	1.5	2.0	23.0	28.5
25	14.0	15.0	29.0	30.0	52.5	52.5	2.0	-	0.5	3.8	SE	SE	-	-	1.0	1.5	19.5	20.0
26	14.0	14.0	30.0	30.0	52.5	52.5	-	-	0.3	4.4	SW	SW	-	-	2.0	2.0	20.0	27.0
27	14.0	13.0	29.0	30.0	52.5	52.5	-	-	0.4	4.0	SW	NE	-	-	4.7	1.5	22.0	25.0
28	14.0	15.0	29.0	30.0	52.5	52.5	2.0	-	0.4	3.0	NE	SW	-	-	2.5	2.0	23.0	29.0
29	14.0	15.0	28.0	29.5	52.5	52.5	2.0	-	0.3	3.4	SW	NE	-	-	1.8	2.0	23.0	29.0
30	14.0	15.0	28.0	30.0	52.5	52.5	-	2.0	0.3	3.4	SE	SE	-	-	1.5	1.0	21.5	30.0
31	14.0	14.0	29.0		52.5		2.0	0.2	0.2		SE		-	-	1.0		21.5	
Total	478.5	487.0	925.0	948.5	1627.5	1627.5	46.0	16.0	28.5	100.8			40.4	23.0	65.0	95.2	745.5	925.0
Average	15.4	15.7	29.8	30.6	52.5	52.5	1.5	0.5	0.9	3.3			1.3	0.7			24.0	29.8
	15.6		30.2		52.5		1.0		2.1				1.0		160.2		26.9	

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Station Code : 163

Local River/Basin : Jonk

Twice Daily Climatic DataStation Name : Sanka
Sub-Division : Raip

NOV 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)	Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																	
1	14.0	14.0	30.0	29.0	52.5			0.7	3.4	NE	NE	-	-	1.0	2.0	23.0	29.0
2	14.0	15.0	30.0	30.0	54.0	2.0	2.0	0.2	3.4	NE	SE	-	-	1.0	2.0	23.0	27.0
3	14.0	14.0	29.0	30.0	54.0	2.0	2.0	0.8	4.0	SE	SW	-	-	2.0	4.2	20.5	29.0
4	15.0	16.0	30.0	30.0	54.0	2.0	2.0	0.4	5.2	SW	SW	-	-	2.0	4.0	22.5	29.0
5	15.0	15.0	30.0	30.0	54.0	2.0	2.0	0.3	4.2	SE	SW	-	-	1.4	4.0	23.0	29.0
6	14.0	15.0	30.0	30.0	54.0	2.0	2.0	0.3	5.3	SW	SE	-	-	1.6	2.0	21.5	28.0
7	12.0	13.0	28.5	28.0	54.0	2.0	2.0	0.4	4.9	NE	NW	-	-	4.0	2.0	17.0	26.0
8	11.0	11.0	28.0	27.0	51.0	2.0	2.0	0.8	3.7	NW	NW	-	-	1.0	2.0	16.5	26.5
9	10.0	10.0	26.0	26.0	51.0	2.0	2.0	0.4	3.7	NE	SE	-	-	1.0	3.6	15.5	24.5
10	9.0	10.0	25.0	25.0	51.0	2.0	2.0	0.1	3.9	NE	SE	-	-	1.0	2.0	14.5	24.6
11	9.0	10.0	24.0	25.0	51.0	2.0	2.0	0.1	2.9	NE	SW	-	-	1.0	2.0	15.5	25.5
12	9.0	10.0	24.5	25.0	51.0	2.0	2.0	0.2	2.3	NE	SW	-	-	2.0	1.0	26.0	26.0
13	10.0	10.0	24.5	25.0	51.0	2.0	2.0	0.3	2.6	NE	NW	-	-	2.0	1.0	17.0	27.0
14	11.0	11.0	25.0	27.0	51.0	2.0	2.0	0.2	3.1	NE	NW	-	-	1.0	1.0	18.5	27.5
15	11.5	11.0	26.0	27.0	51.0	2.0	2.0	0.2	3.1	SE	SE	-	-	1.0	1.0	14.5	27.5
16	11.0	10.0	26.0	25.0	51.0	2.0	2.0	0.7	1.8	SE	SE	-	-	1.0	2.0	18.0	26.5
17	11.0	10.0	26.5	27.0	51.0	2.0	2.0	0.9	2.5	SE	SW	-	-	1.0	1.0	19.0	27.5
18	9.0	9.0	26.0	26.0	51.0	2.0	2.0	0.7	2.8	NE	NE	-	-	1.0	1.0	17.0	25.5
19	11.0	7.0	25.0	26.0	51.0	2.0	2.0	0.1	3.1	NW	SW	-	-	1.0	1.0	18.0	24.5
20	19.0	19.0	26.0	27.0	51.0	2.0	2.0	0.7	2.0	SW	SW	-	-	1.0	1.0	21.5	25.5
21	19.0	19.0	26.0	25.5	51.0	2.0	2.0	0.6	2.5	SW	NW	-	-	4.0	1.0	22.0	25.5
22	19.0	19.0	25.0	26.0	51.0	2.0	2.0	0.9	2.7	SE	SE	-	-	2.0	1.6	20.0	25.0
23	12.0	11.0	26.0	26.0	51.0	2.0	2.0	0.1	3.0	SW	SE	-	-	2.0	2.0	14.0	24.5
24	11.0	9.0	25.0	24.0	51.0	2.0	2.0	0.1	2.8	NE	NE	-	-	2.0	2.0	14.5	26.0
25	8.5	10.0	25.0	25.0	51.0	2.0	2.0	0.1	4.9	NE	SE	-	-	2.0	2.0	14.0	25.0
26	8.5	10.0	25.0	25.0	51.0	2.0	2.0	0.1	3.6	NE	SE	-	-	2.0	2.0	14.5	25.5
27	9.0	10.0	26.0	25.0	51.0	2.0	2.0	0.4	0.9	SE	SW	-	-	2.0	2.0	15.0	25.0
28	9.0	10.0	25.0	25.0	51.0	2.0	2.0	3.0	4.2	SE	SW	-	-	2.0	2.0	13.0	24.0
29	9.0	10.0	25.0	25.0	51.0	2.0	2.0	3.3	3.3	SW	SW	-	-	2.0	2.0	14.5	25.0
30	9.0	9.0	25.0	25.0	51.0	2.0	2.0	0.1	0.1	NE	NE	-	-	4.0	4.0	14.5	14.5
Total	353.5	362.0	793.0	801.5	1551.0	38.0	18.0	13.4	98.9			0.0	0.0	52.0	57.4	538.0	790.1
Average	11.8	12.1	26.4	26.7	51.7	1.3	0.6	0.4	3.3			0.0	0.0			17.9	26.3
	11.9		26.6		51.1	0.9	1.9					0.0		109.4		22.1	

* : One or more data missing LDOPM : Last day of previous month

Station Code : 163
Local River/Basin : Jonk

Twice Daily Climatic Data

Station Name : Sanka
Sub-Division : Raip

DEC 2016

	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	10.0	10.0	25.0	25.0	51.0	51.0	-	-	-	-	SE	-	-	-	2.0	2.0	23.0	26.0
1	9.0	10.0	25.0	24.0	51.0	51.0	-	2.0	-	4.2	NE	NE	-	-	1.0	2.0	15.0	23.0
2	9.0	10.0	27.0	25.0	51.0	51.0	2.0	2.0	0.2	2.3	NE	NW	-	-	1.0	1.0	17.0	26.0
3	10.0	10.0	25.0	26.0	51.0	51.0	-	2.0	0.1	3.2	NW	NE	-	-	2.0	2.0	17.5	27.0
4	10.0	11.0	26.0	26.0	51.0	51.0	-	-	0.5	2.9	NW	NW	-	-	4.0	2.0	19.0	26.5
5	10.0	10.0	27.0	25.0	51.0	51.0	2.0	2.0	0.3	3.1	NE	NW	-	-	1.5	1.0	16.0	25.0
6	9.0	10.0	25.0	26.0	51.0	51.0	2.0	-	0.2	3.0	NW	NW	-	-	2.0	2.0	15.0	25.5
7	9.0	8.0	25.0	25.0	51.0	51.0	-	2.0	0.1	2.3	NW	NE	-	-	1.0	1.0	15.0	24.5
8	8.0	9.5	25.0	24.0	51.0	51.0	-	-	0.1	2.1	NE	NE	-	-	4.0	1.0	14.5	24.0
9	8.0	9.0	21.0	23.0	51.0	51.0	2.0	2.0	0.1	2.8	NE	NE	-	-	1.5	2.0	14.5	24.0
10	7.0	8.0	24.0	23.0	51.0	51.0	-	-	0.2	2.7	NE	NE	-	-	1.0	2.0	13.0	23.5
11	8.5	9.0	22.0	24.0	51.0	51.0	2.0	-	0.1	3.6	NE	NE	-	-	2.0	2.0	14.5	24.0
12	9.0	10.0	23.0	25.0	51.0	51.0	-	-	0.4	4.5	NW	NW	-	-	2.0	6.0	16.0	25.0
13	8.0	8.5	25.0	25.0	51.0	51.0	2.0	-	0.1	4.1	NW	NW	-	-	2.0	2.0	14.0	25.0
14	9.0	9.0	26.0	25.0	51.0	51.0	-	-	0.2	4.3	NW	NE	-	-	2.0	2.0	15.0	23.5
15	8.0	8.0	25.0	25.0	51.0	51.0	-	-	0.1	3.4	NW	NE	-	-	2.0	2.0	13.5	24.0
16	8.5	8.0	25.0	24.0	51.0	51.0	-	-	0.1	3.8	NE	NE	-	-	2.0	2.0	12.5	23.5
17	7.0	7.0	21.5	23.0	51.0	51.0	-	-	-	4.1	NE	SW	-	-	2.8	3.0	12.5	22.0
18	6.0	6.0	23.0	22.0	51.0	51.0	-	-	0.2	3.5	SW	SW	-	-	2.0	2.0	11.0	21.5
19	6.0	6.0	21.0	22.0	51.0	51.0	2.0	-	0.5	3.0	SW	SW	-	-	2.0	2.0	14.0	26.0
20	5.0	19.0	21.0	21.0	51.0	51.0	-	-	0.1	0.8	NE	NE	-	-	1.0	2.0	11.5	25.0
21	19.0	18.0	21.0	25.0	51.0	51.0	2.0	2.0	1.6	3.5	NE	NE	-	-	2.0	1.0	13.0	22.5
22	17.0	17.0	22.0	22.0	51.0	51.0	-	-	0.2	5.1	NE	NW	-	-	1.5	2.0	11.2	21.5
23	17.0	17.0	22.0	22.5	51.0	51.0	-	-	0.1	3.6	NE	NW	-	-	1.3	2.0	10.5	21.5
24	16.0	17.0	21.0	22.0	51.0	51.0	2.0	-	0.1	1.9	NE	NW	-	-	1.8	1.0	10.5	21.5
25	17.0	17.0	22.0	23.0	51.0	51.0	-	2.0	-	2.5	NE	NW	-	-	2.0	2.0	11.5	22.5
26	18.0	18.0	22.0	23.0	51.0	51.0	2.0	-	0.3	4.4	NW	NE	-	-	2.0	2.0	13.5	22.5
27	17.0	17.0	23.0	22.0	51.0	51.0	-	-	0.4	3.2	NE	NE	-	-	1.3	2.0	11.5	22.0
28	17.0	17.0	23.0	22.0	51.0	51.0	2.0	-	0.1	2.3	SW	NE	-	-	2.0	2.0	11.0	22.0
29	17.0	18.0	22.0	23.0	51.0	51.0	2.0	-	-	2.6	NE	NE	-	-	2.0	1.0	12.0	23.0
30	18.0	18.0	22.0	24.0	51.0	51.0	2.0	-	-	2.6	NE	SW	-	-	4.0	4.0	12.0	24.0
31	19.0	19.0	22.0	22.0	51.0	51.0	2.0	-	0.3	-	NE	NE	-	-	2.0	2.0	13.5	-
Total	356.0	370.0	724.5	736.5	1581.0	1581.0	28.0	16.0	6.7	98.4	-	-	0.0	0.0	60.7	62.0	421.2	737.5
Average	11.5	11.9	23.4	23.8	51.0	51.0	0.9	0.5	0.2	3.2	-	-	0.0	0.0	-	-	13.6	23.8
	11.7		23.6		51.0		0.7		1.7				0.0		122.7		18.7	

Twice Daily Climatic Data

Station Code : 163
Local River/Basin : Jonk

Station Name : Sankar
Sub-Division : Raiput

JAN 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																		
1	19.0	20.0	23.0	24.0	51.0	51.0	2.0	2.0	0.3	2.0	NE	NE	-	-	1.5	2.0	15.0	24.0
2	20.0	20.0	23.0	24.0	51.0	51.0	2.0	-	0.1	0.4	NW	NW	-	-	3.5	1.5	25.0	23.0
3	20.0	19.0	23.0	21.0	51.0	51.0	2.0	2.0	3.0	4.9	NE	NW	-	-	2.0	2.0	16.0	23.0
4	20.0	20.0	22.0	24.0	51.0	51.0	2.0	2.0	0.4	3.2	NW	NE	-	-	2.0	2.0	15.0	22.0
5	20.0	19.0	23.0	23.0	51.0	51.0	2.0	2.0	-	2.7	NW	NE	-	-	2.0	2.0	14.0	22.0
6	19.0	19.0	23.0	23.0	51.0	51.0	2.0	2.0	0.1	2.4	NE	NW	-	-	2.0	2.0	13.0	22.0
7	19.0	19.0	22.0	24.0	51.0	51.0	2.0	2.0	0.1	2.9	NE	NW	-	-	2.0	2.0	13.0	23.0
8	19.0	19.0	24.0	23.0	51.0	51.0	2.0	2.0	0.2	2.8	SE	NW	-	-	2.0	2.0	13.0	23.0
9	19.0	20.0	24.0	25.0	51.0	51.0	2.0	2.0	0.1	2.7	SE	NW	-	-	2.0	2.0	14.0	24.0
10	20.0	19.0	25.0	23.0	51.0	51.0	2.0	2.0	0.7	3.0	SE	SW	-	-	2.0	2.0	16.0	22.0
11	19.0	20.0	22.0	22.0	51.0	51.0	2.0	2.0	0.2	3.8	SE	SW	-	-	2.0	2.0	15.0	22.0
12	19.0	20.0	22.0	23.0	51.0	51.0	2.0	2.0	0.8	3.9	SE	SW	-	-	2.0	2.0	13.0	23.0
13	18.0	19.0	21.0	22.0	51.0	51.0	2.0	2.0	0.3	3.0	NE	NW	-	-	2.0	2.0	12.0	21.0
14	17.0	18.0	22.0	22.0	51.0	51.0	2.0	2.0	0.2	3.3	NE	NW	-	-	2.0	2.0	10.0	22.0
15	18.0	18.0	22.0	23.0	51.0	51.0	2.0	2.0	0.3	2.2	NE	NE	-	-	2.0	2.0	11.0	22.0
16	18.0	19.0	22.0	25.0	51.0	51.0	2.0	2.0	0.2	2.6	NE	NE	-	-	2.0	2.0	11.0	23.0
17	18.0	19.0	22.0	25.0	51.0	51.0	2.0	2.0	0.1	2.4	NE	NE	-	-	2.0	2.0	13.0	24.0
18	20.0	21.0	24.0	26.0	51.0	51.0	2.0	2.0	0.2	3.4	NE	NE	-	-	2.0	2.0	15.0	24.0
19	19.0	20.0	25.0	26.0	51.0	51.0	2.0	2.0	0.1	3.7	SW	SE	-	-	2.0	2.0	15.0	24.0
20	20.0	19.0	25.0	26.0	51.0	51.0	2.0	2.0	0.2	3.2	SW	SE	-	-	2.0	2.0	15.0	25.0
21	19.0	21.0	25.0	26.0	51.0	51.0	2.0	2.0	0.1	3.4	SW	SE	-	-	2.0	2.0	14.0	26.0
22	21.0	21.0	26.0	26.0	51.0	51.0	2.0	2.0	0.3	4.7	SW	SE	-	-	2.0	2.0	15.0	25.0
23	21.0	22.0	26.0	26.0	51.0	51.0	2.0	2.0	0.5	6.0	SW	SE	-	-	2.0	2.0	15.0	25.0
24	20.0	22.0	26.0	27.0	51.0	51.0	2.0	2.0	0.3	3.6	SW	SE	-	-	2.0	2.0	15.0	24.0
25	21.0	22.0	27.0	27.0	51.0	51.0	2.0	2.0	0.3	3.6	SW	SE	-	-	2.0	2.0	14.0	25.0
26	21.0	21.0	26.0	25.0	51.0	51.0	2.0	2.0	0.3	2.6	SW	SE	-	-	2.0	2.0	15.0	23.0
27	21.0	21.0	24.0	27.0	51.0	51.0	2.0	2.0	0.6	4.1	NW	NE	-	-	2.0	2.0	17.0	26.0
28	22.0	23.0	26.0	27.0	51.0	51.0	2.0	2.0	2.4	6.2	NW	NE	-	-	2.0	2.0	17.0	26.0
29	21.0	22.0	26.0	27.0	51.0	51.0	2.0	2.0	0.6	3.4	NW	NW	-	-	2.0	2.0	15.0	26.0
30	20.0	21.0	26.0	26.0	51.0	51.0	2.0	2.0	0.2	3.3	NW	NW	-	-	2.0	2.0	14.0	27.0
31	21.0	21.0	26.0	26.0	51.0	51.0	2.0	2.0	0.2	10.20	NW	NW	-	-	2.0	2.0	14.0	27.0
Total	608.0	622.0	742.0	758.0	1581.0	1581.0	62.0	58.0	13.4	102.0			0.0	0.0	63.0	61.5	449.0	734.0
Average	19.6	20.1	23.9	24.5	51.0	51.0	2.0	1.9	0.4	3.3			0.0	0.0	61.5	61.5	14.5	23.7
	19.8		24.2		51.0		1.9		1.9				0.0		124.5		19.1	

Station Code : 163
Local River/Basin : Jonk

Twice Daily Climatic Data

Station Name : Sanke
Sub-Division : Raip

FEB 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	21.0	22.0	27.0	28.0	51.0	51.0	2.0	2.0	0.4	3.4	SW	NW	-	-	2.0	2.0	15.0	26.0
2	22.0	23.0	26.0	28.0	51.0	51.0	2.0	2.0	0.6	4.4	SE	NE	-	-	2.0	2.0	16.0	27.0
3	21.0	21.0	26.0	28.0	51.0	51.0	2.0	2.0	0.3	4.6	NE	NW	-	-	2.0	2.0	15.0	26.0
4	21.0	22.0	27.0	28.0	51.0	51.0	2.0	2.0	0.5	3.4	NW	NE	-	-	2.0	4.0	14.0	26.0
5	22.0	22.0	28.0	27.0	51.0	51.0	2.0	2.0	0.2	3.5	NE	NE	-	-	2.0	4.0	15.0	27.0
6	23.0	24.0	28.0	29.0	51.0	51.0	2.0	2.0	0.2	5.2	NE	NE	-	-	2.0	2.0	14.0	27.0
7	22.0	24.0	29.0	29.0	51.0	51.0	2.0	2.0	0.5	5.8	NW	NW	-	-	2.0	4.0	17.0	28.0
8	22.0	24.0	28.0	29.0	51.0	51.0	2.0	2.0	0.6	3.3	NW	SW	-	-	2.0	2.0	16.0	27.0
9	23.0	20.0	29.0	28.0	51.0	51.0	2.0	2.0	0.4	3.2	SW	SW	-	-	2.0	4.0	16.0	28.0
10	25.0	21.0	29.0	28.0	51.0	51.0	2.0	2.0	0.5	3.4	NE	SW	-	-	2.0	2.0	17.0	28.5
11	25.0	25.0	29.0	30.0	51.0	51.0	2.0	2.0	0.8	5.1	SE	SE	-	-	3.5	4.0	19.0	27.5
12	24.0	25.0	29.0	27.0	51.0	51.0	2.0	2.0	3.8	5.4	NE	NE	-	-	2.0	3.5	19.0	23.5
13	22.0	23.0	26.0	27.0	51.0	51.0	2.0	2.0	0.4	4.1	SE	SE	-	-	2.0	4.0	27.0	28.0
14	23.0	24.0	27.0	28.0	51.0	51.0	2.0	2.0	0.2	3.3	NE	NE	-	-	2.0	2.0	18.5	28.0
15	24.0	23.0	28.0	26.0	51.0	51.0	2.0	2.0	0.4	0.2	SE	SE	-	-	2.0	2.0	17.5	25.5
16	23.0	24.0	28.0	28.0	51.0	51.0	2.0	2.0	2.4	4.8	NE	NE	-	-	4.0	4.0	28.0	27.0
17	23.0	24.0	28.0	28.0	51.0	51.0	2.0	2.0	0.4	4.5	SE	SE	-	-	3.5	2.0	26.0	25.0
18	24.0	23.0	29.0	28.0	51.0	51.0	2.0	2.0	0.3	0.5	NE	NE	-	-	4.0	2.0	17.5	24.0
19	24.0	25.0	28.0	29.0	51.0	51.0	2.0	2.0	2.8	6.7	NW	NW	-	-	4.0	3.5	18.0	28.0
20	24.0	25.0	30.0	30.0	51.0	51.0	2.0	2.0	0.5	6.9	SW	NW	-	-	2.0	3.5	17.5	28.0
21	25.0	26.0	29.0	33.0	51.0	51.0	2.0	2.0	0.3	8.1	NE	NW	-	-	2.0	4.0	18.0	29.0
22	26.0	26.0	32.0	32.0	51.0	51.0	2.0	2.0	0.5	9.0	NW	NE	-	-	2.0	3.5	19.0	28.0
23	25.0	26.0	31.0	33.0	51.0	51.0	2.0	2.0	0.7	4.9	NW	NW	-	-	2.0	4.0	18.0	28.0
24	26.0	25.0	32.0	33.0	51.0	51.0	2.0	2.0	1.9	5.3	NE	SE	-	-	2.0	4.0	18.0	29.0
25	25.0	26.0	31.0	33.0	51.0	51.0	2.0	2.0	1.7	6.0	SE	SE	-	-	2.0	3.5	19.0	28.0
26	26.0	25.0	31.0	32.0	51.0	51.0	2.0	2.0	2.7	1.2	NE	NE	-	-	2.0	3.5	19.0	28.0
27	26.0	24.0	32.0	31.0	51.0	51.0	2.0	2.0	0.9	1.7	SE	SE	-	-	2.0	3.0	19.0	28.0
28	25.0	25.0	31.0	31.0	51.0	51.0	2.0	2.0	0.9	0.9	SE	SE	-	-	2.0	2.0	18.0	28.0
Total	662.0	642.0	807.0	789.0	1428.0	1377.0	54.0	54.0	25.8	117.9			0.0	0.0	65.0	86.0	511.0	733.0
Average	23.6	22.9	28.8	28.2	51.0	49.2	1.9	1.9	0.9	4.2			0.0	0.0			18.3	26.2
	23.3		28.5		50.1		1.9		2.6				0.0		151.0		22.2	

Twice Daily Climatic Data

Station Code : 163
Local River/Basin : Ionk

Station Name : Sankara
Sub-Division : Raipur

MAR 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)	Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																	
1	25.0	26.0	31.0	32.0	51.0	2.0	2.0	0.4	4.5	NW	NE	-	-	2.0	3.0	17.0	29.0
2	26.0	26.0	32.0	33.0	51.0	2.0	2.0	0.4	4.8	NE	NE	-	-	2.0	4.0	18.0	30.0
3	26.0	27.0	33.0	33.0	51.0	2.0	2.0	0.5	5.4	NW	NW	-	-	2.0	4.0	19.0	30.0
4	27.0	28.0	33.0	33.0	51.0	2.0	2.0	0.6	6.2	NW	NW	-	-	2.0	3.0	20.0	29.0
5	26.0	27.0	32.0	33.0	51.0	2.0	2.0	0.7	7.2	NW	NW	-	-	2.0	3.0	19.0	29.0
6	27.0	28.0	32.0	32.0	51.0	2.0	2.0	2.0	5.5	NE	NW	-	-	2.0	3.5	19.0	29.0
7	26.0	26.0	32.0	30.0	51.0	2.0	2.0	0.7	3.2	NE	NW	-	-	2.0	2.0	18.0	26.0
8	26.0	26.0	29.0	31.0	51.0	2.0	2.0	1.2	4.5	NE	NW	1.0	-	2.0	2.0	17.0	28.0
9	26.0	26.0	30.0	32.0	51.0	2.0	2.0	0.8	8.9	NE	NW	-	-	2.0	4.0	22.0	29.0
10	27.0	27.0	32.0	30.0	51.0	2.0	2.0	0.9	6.9	NE	NW	-	5.2	2.0	2.0	21.0	25.0
11	25.0	26.0	30.0	31.0	51.0	2.0	2.0	0.9	8.0	NW	NW	-	-	2.0	3.0	20.0	27.0
12	26.0	27.0	31.0	32.0	51.0	2.0	2.0	1.8	7.7	NW	NW	-	-	2.0	4.0	20.0	29.0
13	25.0	26.0	31.0	31.0	51.0	2.0	2.0	1.5	4.6	NW	NW	-	-	2.0	4.0	18.0	28.0
14	24.0	26.0	30.0	31.0	51.0	2.0	2.0	0.7	4.3	NE	NE	-	-	2.0	3.5	17.0	30.0
15	25.0	26.0	30.0	32.0	51.0	2.0	2.0	1.2	4.8	NE	NE	-	-	2.0	4.0	18.0	30.0
16	25.0	26.0	31.0	32.0	51.0	2.0	2.0	0.5	4.9	NE	NE	-	-	2.0	3.5	18.0	29.0
17	26.0	26.0	32.0	33.0	51.0	2.0	2.0	0.6	8.5	NE	NE	-	-	2.0	4.0	17.0	29.0
18	27.0	28.0	32.0	34.0	51.0	2.0	2.0	0.8	5.1	NE	NE	-	-	2.0	4.0	20.0	31.0
19	27.0	28.0	33.0	34.0	51.0	2.0	2.0	0.5	8.6	NW	NE	-	-	2.0	4.0	20.0	30.0
20	27.0	29.0	32.0	34.0	51.0	2.0	2.0	1.4	8.8	NW	NE	-	-	2.0	5.0	19.0	31.0
21	27.0	28.0	33.0	34.0	51.0	2.0	2.0	0.6	4.8	NW	NE	-	-	2.0	4.0	19.0	31.0
22	28.0	29.0	33.0	34.0	51.0	2.0	2.0	0.4	3.9	NE	NW	-	-	2.0	4.0	19.0	32.0
23	27.0	28.0	33.0	34.0	51.0	2.0	2.0	0.6	4.8	NW	NE	-	-	2.0	5.0	20.0	32.0
24	28.0	28.0	32.0	33.0	51.0	2.0	2.0	0.7	8.5	NW	NE	-	-	2.0	4.0	21.0	31.0
25	30.0	30.0	32.0	33.0	51.0	2.0	2.0	0.8	5.3	NE	NE	-	-	2.0	5.0	21.0	33.0
26	30.0	30.0	32.0	34.0	51.0	2.0	2.0	0.4	5.8	NW	NE	-	-	3.0	7.0	22.0	34.0
27	29.0	29.0	33.0	34.0	51.0	2.0	2.0	0.4	4.4	NW	NE	-	-	2.0	6.0	23.0	33.0
28	28.0	29.0	32.0	34.0	51.0	2.0	2.0	0.4	7.3	NW	NE	-	-	3.0	5.0	23.0	33.0
29	29.0	29.0	33.0	33.0	51.0	2.0	2.0	0.8	6.0	SW	NW	-	-	2.0	4.0	23.0	32.0
30	28.0	30.0	32.0	33.0	51.0	2.0	2.0	1.7	9.7	NW	SW	-	-	2.0	5.0	23.0	33.0
31	30.0		33.0		51.0	2.0		2.1				-	-	3.0		24.0	
Total	833.0	825.0	986.0	979.0	1581.0	62.0	60.0	27.0	182.9			1.0	5.2	65.0	118.5	615.0	902.0
Average	26.9	26.6	31.8	31.6	51.0	2.0	1.9	0.9	5.9			0.0	0.2			19.8	29.1
	26.7		31.7		50.2	2.0		3.4				0.1		183.5		24.5	

* : One or more data missing LOPM : Last day of previous month

Station Code : 163

Local River/Basin : Jonk

Twice Daily Climatic Data

Station Name : Sanke
Sub-Division : Raip

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (1.6 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM						51.0		2.0										
1	28.0	27.0	34.0	33.0	51.0	51.0	2.0	2.0	1.7	6.7	NW	SW	-	-	3.0	5.0	22.0	32.0
2	31.0	31.0	33.0	33.0	51.0	51.0	2.0	2.0	3.1	8.7	SW	SW	-	-	2.0	4.0	24.0	32.0
3	29.0	30.0	32.0	34.0	51.0	51.0	2.0	2.0	3.1	10.1	SW	SW	-	-	3.0	5.0	23.0	33.0
4	31.0	30.0	34.0	36.0	51.0	51.0	2.0	2.0	2.3	9.3	SW	SW	-	-	3.0	8.0	24.0	32.0
5	30.0	30.0	34.0	36.0	51.0	51.0	2.0	2.0	1.5	9.5	SW	SW	-	-	2.0	5.0	23.0	33.0
6	30.0	30.0	35.0	36.0	51.0	51.0	2.0	2.0	2.6	9.9	NW	SW	-	-	3.0	6.0	23.0	33.0
7	29.0	30.0	34.0	35.0	51.0	51.0	2.0	2.0	1.3	8.9	SW	SW	-	-	2.0	5.0	22.0	32.0
8	29.0	29.0	35.0	34.0	51.0	51.0	2.0	2.0	1.5	6.5	SW	SW	-	-	3.0	6.0	23.0	32.0
9	30.0	30.0	32.0	37.0	51.0	51.0	2.0	2.0	2.0	5.5	SW	SW	-	-	2.0	5.0	22.0	33.0
10	29.0	30.0	36.0	35.0	51.0	51.0	2.0	2.0	1.7	7.8	NE	NE	-	-	2.0	4.0	23.0	32.0
11	26.0	27.0	32.0	30.0	51.0	51.0	2.0	2.0	1.0	6.7	NE	NE	-	-	2.0	4.0	22.0	32.0
12	26.0	27.0	32.0	32.0	51.0	51.0	2.0	2.0	0.8	6.9	NE	NE	-	-	3.0	4.0	21.0	32.0
13	28.0	28.0	33.0	33.0	51.0	51.0	2.0	2.0	1.0	4.9	NE	SE	-	-	2.0	4.0	22.0	32.0
14	28.0	29.0	32.0	35.0	51.0	51.0	2.0	2.0	1.4	5.1	SE	SE	-	-	2.0	4.0	22.0	32.0
15	29.0	29.0	34.0	35.0	51.0	51.0	2.0	2.0	1.2	6.7	SW	SE	-	-	2.0	4.0	22.0	32.0
16	29.0	29.0	34.0	34.0	51.0	51.0	2.0	2.0	1.2	7.3	SW	SE	-	-	2.0	4.0	23.0	32.0
17	30.0	30.0	33.0	33.0	51.0	51.0	2.0	2.0	2.4	4.7	SW	SE	-	-	3.0	4.0	25.0	34.0
18	29.0	31.0	33.0	38.0	51.0	51.0	2.0	2.0	1.6	4.5	SW	SE	-	-	2.0	5.0	25.0	35.0
19	32.0	30.0	40.0	39.0	51.0	51.0	2.0	2.0	0.9	8.0	SW	SE	-	-	2.0	4.0	26.0	35.0
20	31.0	31.0	32.0	35.0	51.0	51.0	2.0	2.0	1.4	10.6	SW	SE	-	-	2.0	5.0	25.0	32.0
21	31.0	35.0	35.0	42.0	51.0	51.0	2.0	2.0	2.8	12.5	SW	SE	-	-	2.0	5.0	26.0	35.0
22	33.0	36.0	39.0	44.0	51.0	51.0	2.0	2.0	4.5	9.9	SE	SE	-	-	3.0	5.0	27.0	33.0
23	29.0	30.0	38.0	42.0	51.0	51.0	2.0	2.0	2.5	9.5	SE	SW	-	-	2.0	6.0	25.0	35.0
24	31.0	35.0	41.0	41.0	51.0	51.0	2.0	2.0	3.4	14.5	SW	SW	-	-	3.0	5.0	25.0	33.0
25	30.0	33.0	40.0	41.0	51.0	51.0	2.0	2.0	2.4	10.8	SW	SW	-	-	2.0	5.0	23.0	32.0
26	30.0	34.0	39.0	40.0	51.0	51.0	2.0	2.0	3.6	10.6	SW	SW	-	-	2.0	5.0	23.0	33.0
27	31.0	35.0	40.0	42.0	51.0	51.0	2.0	2.0	2.5	5.7	SW	SW	-	-	2.0	6.0	23.0	32.0
28	30.0	30.0	38.0	41.0	51.0	51.0	2.0	2.0	1.8	6.0	SW	SW	-	-	2.0	5.0	24.0	33.0
29	32.0	37.0	39.0	41.0	51.0	51.0	2.0	2.0	1.3	5.3	NE	NE	-	-	3.0	6.0	23.0	33.0
30	33.0		39.0		51.0		2.0		3.7		NE		-	-	3.0		24.0	
Total	894.0	893.0	1061.0	1067.0	1530.0	1530.0	60.0	60.0	62.2	233.1			0.0	0.0	71.0	143.0	705.0	951.0
Average	29.8	29.8	35.4	35.6	51.0	51.0	2.0	2.0	2.1	7.8			0.0	0.0			23.5	31.7
	29.8		35.5		51.0		2.0		4.9				0.0		214.0		27.6	

* : One or more data missing LDoPM : Last day of previous mon

Twice Daily Climatic Data

Station Code : 163

Local River/Basin : Jonk

Station Name : Sankara
Sub-Division : Raipur

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																		
1	31.0	34.0	40.0	42.0	51.0	51.0	2.0	2.0	2.0	3.0	NW	NE	-	-	3.0	5.0	21.0	33.0
2	34.0	30.0	42.0	43.0	51.0	51.0	2.0	2.0	2.0	3.2	NW	SW	-	-	2.0	5.0	22.0	33.0
3	30.0	30.0	42.0	44.0	51.0	51.0	2.0	2.0	2.0	1.4	NW	NW	-	-	3.0	6.0	22.0	34.0
4	30.0	35.0	43.0	45.0	51.0	51.0	2.0	2.0	2.0	1.5	SW	SW	-	-	3.0	6.0	23.0	35.0
5	31.0	34.0	36.0	46.0	51.0	51.0	2.0	2.0	2.0	2.0	SW	NW	-	-	2.0	6.0	26.0	36.0
6	31.0	33.0	39.0	43.0	51.0	51.0	2.0	2.0	2.0	4.1	SE	SW	-	-	3.0	5.0	25.0	30.0
7	39.0	33.0	43.0	46.0	51.0	51.0	2.0	2.0	2.0	5.1	SE	SW	-	-	2.0	6.0	24.0	25.0
8	38.0	29.0	40.0	43.0	51.0	51.0	2.0	2.0	2.0	1.9	SE	SW	-	-	2.0	4.0	25.0	33.0
9	37.0	32.0	42.0	43.0	51.0	51.0	2.0	2.0	2.0	2.2	SW	SW	1.2	-	2.0	4.0	23.0	34.0
10	33.0	32.0	42.0	45.0	51.0	51.0	2.0	2.0	2.0	2.8	NW	SW	-	-	2.0	5.0	26.0	35.0
11	32.0	31.0	40.0	43.0	51.0	51.0	2.0	2.0	2.0	2.9	SE	NE	-	-	2.0	5.0	25.0	34.0
12	28.0	30.0	43.0	41.0	51.0	51.0	2.0	2.0	2.0	1.4	SE	NW	-	-	2.0	4.0	26.0	33.0
13	32.0	32.0	41.0	42.0	51.0	51.0	2.0	2.0	2.0	1.2	SW	SW	-	-	3.0	4.0	26.0	34.0
14	30.0	33.0	42.0	46.0	51.0	51.0	2.0	2.0	2.0	2.4	SW	NW	-	-	2.0	5.0	25.0	35.0
15	36.0	36.0	41.0	47.0	51.0	51.0	2.0	2.0	2.0	3.2	NW	NW	-	-	3.0	6.0	26.0	36.0
16	35.0	35.0	42.0	46.0	51.0	51.0	2.0	2.0	2.0	5.1	NW	NW	-	-	2.0	6.0	26.0	36.0
17	32.0	39.0	44.0	47.0	51.0	51.0	2.0	2.0	2.0	2.1	SE	NW	-	-	2.0	6.0	24.0	36.0
18	33.0	36.0	43.0	46.0	51.0	51.0	2.0	2.0	2.0	2.2	SE	NW	-	-	2.0	6.0	26.0	35.0
19	31.0	34.0	42.0	46.0	51.0	51.0	2.0	2.0	2.0	6.3	SE	NW	-	-	2.0	6.0	25.0	35.0
20	32.0	36.0	42.0	46.0	51.0	51.0	2.0	2.0	2.0	3.3	SE	SW	-	-	3.0	6.0	25.0	36.0
21	31.0	35.0	41.0	46.0	51.0	51.0	2.0	2.0	2.0	1.9	SW	NW	-	-	3.0	6.0	28.0	35.0
22	31.0	36.0	42.0	46.0	51.0	51.0	2.0	2.0	2.0	1.0	NW	NW	-	-	2.0	6.0	26.0	35.0
23	30.0	36.0	43.0	46.0	51.0	51.0	2.0	2.0	2.0	1.5	NE	SW	-	-	2.0	6.0	26.0	35.0
24	31.0	37.0	43.0	46.0	51.0	51.0	2.0	2.0	2.0	1.1	SE	NW	-	-	3.0	6.0	28.0	35.0
25	30.0	36.0	43.0	47.0	51.0	51.0	2.0	2.0	2.0	1.5	SW	SW	-	-	3.0	6.0	28.0	36.0
26	32.0	35.0	43.0	46.0	51.0	51.0	2.0	2.0	2.0	2.8	SE	SW	-	-	3.0	6.0	28.0	35.0
27	31.0	32.0	42.0	47.0	51.0	51.0	2.0	2.0	2.0	8.4	NW	SE	-	-	2.0	6.0	27.0	35.0
28	29.0	28.0	39.0	47.0	51.0	51.0	2.0	2.0	2.0	10.3	NE	SW	26.6	-	3.0	4.0	26.0	36.0
29	28.0	32.0	40.0	43.0	51.0	51.0	2.0	2.0	2.0	2.0	SW	NE	-	-	2.0	6.0	28.0	35.0
30	30.0	34.0	39.0	42.0	51.0	51.0	2.0	2.0	2.0	2.0	NW	SW	-	-	3.0	6.0	28.0	35.0
31	28.0		36.0		51.0		2.0	2.0	2.0		SW		-	-	2.0		28.0	
Total	986.0	1005.0	1280.0	1346.0	1581.0	1530.0	62.0	60.0	62.0	89.8			27.8	0.0	75.0	164.0	792.0	1030.0
Average	31.8	32.4	41.3	43.4	51.0	49.4	2.0	1.9	2.0	2.9			0.9	0.0			25.5	33.2
	32.1		42.4		50.2		2.0		2.4				0.4		239.0		29.4	

Twice Daily Climatic Data

Station Code : EMM00T7
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

JUNE 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																
1	35.0	35.0	40.0	39.0	38.0	38.0	27.0	27.0	52.0	40.0	-	-	-	-	-	-
2	35.0	35.0	40.0	40.0	36.0	38.0	28.0	27.0	53.0	40.0	-	-	-	-	-	-
3	35.0	36.0	40.0	41.0	36.0	40.0	28.0	27.0	53.0	34.0	-	-	-	-	-	-
4	36.0	35.0	41.0	40.0	36.0	38.0	28.0	29.0	53.0	50.0	-	-	-	-	-	-
5	34.0	34.0	40.0	40.0	34.0	36.0	28.0	29.0	62.0	58.0	-	-	-	-	-	-
6	33.0	33.0	37.0	38.0	32.0	38.0	27.0	29.0	67.0	50.0	-	-	-	-	-	-
7	34.0	34.0	38.0	38.0	34.0	36.0	28.0	28.0	62.0	53.0	-	-	-	-	-	-
8	31.0	30.0	38.0	35.0	30.0	35.0	26.0	26.0	72.0	44.0	24.6	-	-	-	-	-
9	32.0	32.0	36.0	38.0	32.0	38.0	27.0	28.0	67.0	45.0	-	-	-	-	-	-
10	32.0	34.0	38.0	39.0	34.0	38.0	28.0	28.0	62.0	45.0	-	-	-	-	-	-
11	33.0	33.0	39.0	39.0	34.0	38.0	28.0	28.0	62.0	45.0	-	-	-	-	-	-
12	33.0	33.0	39.0	38.0	34.0	38.0	28.0	28.0	62.0	43.0	0.6	-	-	-	-	-
13	33.0	34.0	38.0	39.0	33.0	37.0	27.0	28.0	62.0	54.0	-	-	-	-	-	-
14	34.0	34.0	39.0	39.0	34.0	38.0	26.0	27.0	51.0	40.0	-	-	-	-	-	-
15	35.0	34.0	40.0	39.0	34.0	38.0	28.0	29.0	62.0	50.0	-	-	-	-	-	-
16	34.0	34.0	39.0	36.0	34.0	36.0	28.0	29.0	62.0	58.0	-	-	-	-	-	-
17	34.0	33.0	36.0	36.0	33.0	34.0	27.0	29.0	62.0	68.0	-	3.2	-	-	-	-
18	30.0	30.0	35.0	34.0	32.0	32.0	28.0	27.0	73.0	67.0	4.8	-	-	-	-	-
19	29.0	30.0	32.0	33.0	30.0	33.0	28.0	27.0	58.0	62.0	2.2	-	-	-	-	-
20	30.0	30.0	32.0	34.0	30.0	34.0	28.0	29.0	85.0	68.0	1.2	-	-	-	-	-
21	30.0	30.0	32.0	35.0	30.0	34.0	28.0	29.0	85.0	68.0	-	-	-	-	-	-
22	32.0	31.0	36.0	35.0	32.0	34.0	27.0	29.0	67.0	68.0	-	-	-	-	-	-
23	30.0	30.0	34.0	36.0	30.0	34.0	26.0	29.0	72.0	68.0	-	-	-	-	-	-
24	30.0	30.0	35.0	33.0	32.0	34.0	27.0	29.0	67.0	68.0	-	16.8	-	-	-	-
25	30.0	30.0	34.0	34.0	33.0	34.0	27.0	30.0	62.0	74.0	-	9.6	-	-	-	-
26	30.0	30.0	54.0	33.0	30.0	32.0	28.0	28.0	85.0	73.0	-	-	-	-	-	-
27	28.0	28.0	32.0	33.0	29.0	33.0	27.0	28.0	85.0	68.0	1.0	-	-	-	-	-
28	30.0	30.0	33.0	34.0	31.0	35.0	28.0	29.0	79.0	63.0	25.6	-	-	-	-	-
29	30.0	32.0	35.0	35.0	31.0	35.0	27.0	29.0	72.0	72.0	-	-	-	-	-	-
30	29.0		32.0		32.0		27.0		67.0		-	-	-	-	-	-
Total	961.0	968.0	1114.0	1103.0	977.0	1076.0	823.0	846.0	1983.0	1676.0	60.0	29.6	-	-	-	-
Average	32.0	32.3	37.1	36.8	32.6	35.9	27.4	28.2	66.1	55.9	2.0	1.0	-	-	-	-
	32.2		37.0		34.2		27.8		61.0		1.5		0.0		0.0	

Station Code : EMM00T7
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

JULY 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		32.0		35.0		35.0		29.0		72.0		-		-		-
1	31.0	32.0	36.0	36.0	34.0	34.0	30.0	29.0	74.0	68.0	-	-	2.2	2.2	2.2	2.2
2	30.0	29.0	35.0	32.0	30.0	32.0	27.0	28.0	78.0	73.0	5.2	1.4	1.4	1.4	1.4	1.4
3	29.0	29.0	32.0	31.0	30.0	32.0	27.0	28.0	78.0	73.0	-	40.4	2.6	2.6	2.6	2.6
4	27.0	27.0	32.0	29.0	28.0	29.0	26.0	27.0	85.0	85.0	67.8	7.8	2.2	2.2	2.2	2.2
5	26.0	26.0	29.0	27.0	28.0	28.0	26.0	27.0	85.0	92.0	0.6	0.6	2.2	2.2	2.2	2.2
6	26.0	26.0	27.0	27.0	27.0	28.0	26.0	26.0	92.0	85.0	5.0	-	2.2	2.2	2.2	2.2
7	26.0	26.0	27.0	28.0	27.0	29.0	26.0	27.0	92.0	85.0	0.6	1.4	2.6	2.6	2.6	2.6
8	26.0	27.0	28.0	30.0	28.0	30.0	27.0	27.0	92.0	78.0	1.8	1.8	2.2	2.2	2.2	2.2
9	27.0	27.0	30.0	30.0	29.0	30.0	27.0	28.0	85.0	85.0	19.4	3.4	2.2	2.2	2.2	2.2
10	27.0	28.0	30.0	31.0	29.0	30.0	27.0	28.0	85.0	85.0	0.4	4.2	2.2	2.2	2.2	2.2
11	27.0	28.0	30.0	31.0	28.0	29.0	26.0	26.0	89.0	78.0	-	-	2.2	2.2	2.2	2.2
12	28.0	28.0	30.0	31.0	29.0	31.0	27.0	27.0	85.0	72.0	-	-	2.2	2.2	2.2	2.2
13	27.0	30.0	31.0	32.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	2.2	2.2	2.2	2.2
14	27.0	30.0	31.0	30.0	29.0	29.0	26.0	27.0	78.0	85.0	-	0.6	2.2	2.2	2.2	2.2
15	27.0	30.0	31.0	30.0	28.0	28.0	26.0	26.0	85.0	85.0	6.4	18.2	2.2	2.2	2.2	2.2
16	26.0	26.0	29.0	29.0	26.0	27.0	25.0	26.0	92.0	92.0	29.0	8.8	2.2	2.2	2.2	2.2
17	25.0	25.0	27.0	26.0	26.0	27.0	25.0	26.0	92.0	92.0	30.2	-	2.2	2.2	2.2	2.2
18	25.0	25.0	26.0	27.0	26.0	27.0	24.0	26.0	84.0	92.0	7.6	3.4	2.2	2.2	2.2	2.2
19	25.0	25.0	27.0	28.0	26.0	29.0	25.0	27.0	92.0	85.0	-	2.2	2.2	2.2	2.2	2.2
20	26.0	24.0	29.0	30.0	28.0	29.0	27.0	27.0	92.0	85.0	15.2	-	2.2	2.2	2.2	2.2
21	27.0	27.0	30.0	30.0	28.0	29.0	26.0	27.0	85.0	92.0	-	-	2.2	2.2	2.2	2.2
22	27.0	27.0	29.0	30.0	28.0	30.0	26.0	27.0	92.0	78.0	13.8	-	2.2	2.2	2.2	2.2
23	27.0	26.0	30.0	30.0	28.0	30.0	26.0	27.0	92.0	78.0	7.2	-	2.2	2.2	2.2	2.2
24	27.0	27.0	30.0	32.0	28.0	32.0	26.0	28.0	92.0	73.0	-	-	2.2	2.2	2.2	2.2
25	27.0	31.0	30.0	32.0	28.0	32.0	26.0	26.0	92.0	61.0	-	-	2.2	2.2	2.2	2.2
26	27.0	31.0	32.0	31.0	29.0	29.0	26.0	27.0	78.0	85.0	-	-	2.2	2.2	2.2	2.2
27	27.0	27.0	30.0	31.0	27.0	29.0	26.0	26.0	92.0	78.0	11.4	0.6	2.2	2.2	2.2	2.2
28	27.0	27.0	29.0	31.0	28.0	30.0	26.0	27.0	92.0	78.0	-	11.2	2.2	2.2	2.2	2.2
29	28.0	28.0	32.0	31.0	29.0	30.0	27.0	27.0	85.0	78.0	-	-	2.2	2.2	2.2	2.2
30	27.0	31.0	30.0	32.0	29.0	31.0	27.0	28.0	85.0	78.0	-	-	2.2	2.2	2.2	2.2
31	27.0	32.0	32.0	28.0	28.0	28.0	26.0	26.0	92.0	4.0	-	-	2.2	2.2	2.2	2.2
Total	836.0	862.0	931.0	940.0	874.0	924.0	814.0	839.0	2697.0	2511.0	252.0	106.0	2.2	2.2	2.2	2.2
Average	27.0	27.8	30.0	30.3	28.2	29.8	26.3	27.1	87.0	81.0	8.1	3.4	2.2	2.2	2.2	2.2
	27.4		30.2		29.0		26.7		84.0		5.8		0.0	0.0	0.0	0.0

Twice Daily Climatic Data

Station Code : EMM0017
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

AUGUST 2016																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		27.0		29.0		28.0		27.0		85.0						
1	28.0	28.0	30.0	29.0	28.0	30.0	26.0	27.0	92.0	78.0	3.0					
2	27.0	27.0	30.0	31.0	29.0	32.0	27.0	29.0	85.0	79.0	1.2	3.6				
3	27.0	27.0	31.0	30.0	29.0	30.0	27.0	27.0	85.0	78.0	36.6	1.8				
4	27.0	30.0	29.0	31.0	28.0	30.0	27.0	28.0	72.0	85.0	0.4	4.0				
5	27.0	28.0	29.0	30.0	29.0	30.0	27.0	28.0	85.0	85.0	2.2					
6	27.0	28.0	30.0	29.0	29.0	29.0	27.0	27.0	85.0	85.0	1.2	11.6				
7	27.0	27.0	28.0	28.0	28.0	28.0	26.0	27.0	85.0	92.0	12.2					
8	26.0	25.0	27.0	28.0	27.0	28.0	25.0	27.0	84.0	92.0	1.6					
9	26.0	28.0	28.0	29.0	27.0	29.0	25.0	27.0	84.0	85.0	37.0					
10	26.0	27.0	29.0	28.0	27.0	28.0	26.0	26.0	92.0	85.0		0.8				
11	25.0	25.0	28.0	29.0	27.0	29.0	25.0	27.0	84.0	85.0	19.6	28.2				
12	25.0	25.0	28.0	26.0	27.0	26.0	25.0	25.0	84.0	92.0	40.4	2.4				
13	24.0	25.0	25.0	27.0	26.0	27.0	25.0	26.0	92.0	92.0	39.2	1.4				
14	25.0	25.0	27.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	4.0					
15	25.0	24.0	27.0	26.0	26.0	26.0	25.0	25.0	92.0	84.0	2.2	8.4				
16	24.0	24.0	26.0	26.0	26.0	26.0	25.0	25.0	92.0	84.0	40.6	10.4				
17	23.0	24.0	26.0	25.0	25.0	26.0	24.0	24.0	92.0	84.0	4.6	24.4				
18	24.0	24.0	25.0	26.0	26.0	26.0	25.0	24.0	92.0	92.0	1.8					
19	24.0	24.0	26.0	26.0	26.0	27.0	25.0	26.0	92.0	85.0	30.6					
20	24.0	24.0	26.0	27.0	25.0	28.0	24.0	26.0	84.0	78.0						
21	25.0	25.0	28.0	29.0	27.0	29.0	25.0	26.0	84.0	92.0		2.4				
22	26.0	25.0	29.0	26.0	26.0	27.0	24.0	26.0	84.0	84.0		2.8				
23	24.0	24.0	26.0	26.0	26.0	27.0	25.0	26.0	92.0	85.0	4.0					
24	24.0	24.0	26.0	27.0	26.0	29.0	24.0	26.0	92.0	85.0	6.4	3.6				
25	26.0	25.0	29.0	26.0	28.0	29.0	24.0	25.0	92.0	85.0		13.6				
26	26.0	26.0	29.0	29.0	27.0	28.0	25.0	27.0	92.0	85.0	16.0					
27	25.5	28.0	28.5	29.0	27.0	29.0	27.0	27.0	92.0	85.0	50.2					
28	26.0	27.0	28.0	30.0	28.0	30.0	26.0	26.0	92.0	85.0						
29	28.0	27.0	30.0	31.0	29.0	31.0	26.0	27.0	85.0	85.0						
30	27.0	26.0	30.0	30.0	28.0	30.0	27.0	28.0	92.0	85.0	21.4					
31	26.0		30.0		28.0		26.0		92.0		0.4					
Total	794.5	803.0	868.5	870.0	842.0	879.0	791.0	818.0	2734.0	2652.0	376.8	119.4				
Average	25.6	25.9	28.0	28.1	27.2	28.4	25.5	26.4	88.2	85.5	12.2	3.9				
	25.8		28.0		27.8		26.0		86.9		8.0		0.0		0.0	

Twice Daily Climatic Data

Station Code : EMM00T7
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

SEPTEMBER 2016																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	26.0		30.0		30.0		28.0		85.0		-		-		-	
1	27.0	26.0	30.0	30.0	28.0	30.0	27.0	28.0	92.0	85.0	-	-	-	-	-	-
2	27.0	27.0	30.0	30.0	28.0	30.0	26.0	28.0	92.0	85.0	-	0.8	-	-	-	-
3	27.0	26.0	30.0	30.0	27.0	29.0	26.0	27.0	92.0	85.0	19.0	2.8	-	-	-	-
4	25.0	25.0	29.0	27.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	-	-	-	-
5	24.0	25.0	26.0	28.0	27.0	28.0	25.0	25.0	84.0	77.0	-	-	-	-	-	-
6	25.0	25.0	28.0	28.0	26.0	28.0	23.0	23.0	76.0	64.0	-	-	-	-	-	-
7	26.0	26.0	27.0	28.0	27.0	28.0	24.0	25.0	77.0	77.0	-	-	-	-	-	-
8	25.0	27.0	27.0	28.0	27.0	28.0	25.0	26.0	84.0	85.0	-	2.6	-	-	-	-
9	25.0	25.0	27.0	28.0	27.0	28.0	26.0	27.0	92.0	92.0	7.8	-	-	-	-	-
10	25.0	28.0	27.0	29.0	28.0	28.0	26.0	26.0	92.0	85.0	-	-	-	-	-	-
11	27.0	27.0	28.0	30.0	28.0	30.0	26.0	27.0	85.0	78.0	-	2.4	-	-	-	-
12	27.0	26.0	29.0	29.0	28.0	28.0	26.0	26.0	85.0	85.0	-	3.4	-	-	-	-
13	25.0	26.0	28.0	28.0	28.0	26.0	26.0	24.0	85.0	85.0	4.0	40.0	-	-	-	-
14	25.0	25.0	27.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	7.0	-	-	-	-	-
15	25.0	27.0	27.0	28.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	-	-	-	-
16	25.0	26.0	28.0	29.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	-	-	-	-
17	26.0	27.0	29.0	31.0	28.0	31.0	27.0	27.0	85.0	73.0	-	-	-	-	-	-
18	27.0	28.0	31.0	31.0	28.0	30.0	27.0	27.0	92.0	78.0	-	0.2	-	-	-	-
19	26.0	26.0	30.0	29.0	28.0	28.0	26.0	25.0	85.0	77.0	23.2	4.0	-	-	-	-
20	26.0	26.0	29.0	29.0	27.0	29.0	26.0	27.0	88.0	85.0	0.4	-	-	-	-	-
21	26.0	26.0	29.0	28.0	27.0	29.0	26.0	27.0	88.0	85.0	2.4	-	-	-	-	-
22	25.0	26.0	29.0	29.0	27.0	29.0	26.0	27.0	88.0	85.0	-	-	-	-	-	-
23	26.0	29.0	29.0	30.0	28.0	30.0	26.0	27.0	85.0	78.0	-	-	-	-	-	-
24	26.0	27.0	28.0	30.0	28.0	29.0	26.0	27.0	85.0	85.0	-	14.0	-	-	-	-
25	26.0	26.0	30.0	28.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	-	-	-	-
26	25.0	25.0	28.0	28.0	27.0	28.0	26.0	27.0	88.0	92.0	9.8	7.2	-	-	-	-
27	25.0	26.0	27.0	27.0	27.0	28.0	26.0	27.0	88.0	84.0	1.4	6.2	-	-	-	-
28	25.0	24.0	27.0	27.0	26.0	27.0	25.0	26.0	96.0	92.0	19.4	13.0	-	-	-	-
29	25.0	25.0	27.0	27.0	27.0	27.0	26.0	26.0	88.0	92.0	0.6	1.4	-	-	-	-
30	25.0		27.0		27.0		26.0		88.0		-	-	-	-	-	-
Total	769.0	784.0	848.0	861.0	821.0	856.0	775.0	792.0	2626.0	2513.0	95.0	98.0	-	-	-	-
Average	25.6	26.1	28.3	28.7	27.4	28.5	25.8	26.4	87.5	83.8	3.2	3.3	-	-	-	-
	25.9		28.5		28.0		26.1		85.7		3.2		0.0		0.0	

Station Code : EMM0017
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMSD J,CWC,Raipur
- 0.0 .. N.A.

OCTOBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		27.0		28.0		27.0		26.0		92.0		..		..		..
1	26.0	25.0	27.0	29.0	29.0	30.0	27.0	27.0	92.0	92.0	-	-	8.5	15.5	26.0	31.0
2	26.0	26.0	29.0	28.0	28.0	29.0	26.0	27.0	92.0	85.0	5.2	-	51.0	3.0	26.0	30.0
3	25.0	26.0	28.0	29.0	27.0	30.0	26.0	27.0	92.0	92.0	8.6	-	73.5	5.0	25.5	31.0
4	26.0	26.0	29.0	30.0	28.0	30.0	26.0	27.0	92.0	92.0	-	-	10.5	5.0	26.0	31.5
5	27.0	27.0	30.0	30.0	29.0	29.0	27.0	26.0	85.0	78.0	-	-	8.5	7.0	26.5	30.5
6	26.0	26.0	29.0	28.0	27.0	28.0	26.0	26.0	92.0	92.0	13.2	-	9.2	2.0	26.5	27.0
7	25.0	25.0	28.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	9.0	91.5	26.0	27.0
8	25.0	25.0	27.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	0.2	-	8.2	4.0	26.5	27.5
9	24.0	24.0	26.0	26.0	26.0	27.0	24.0	26.0	84.0	92.0	-	-	10.4	6.0	25.5	27.5
10	24.0	24.0	26.0	26.0	26.0	27.0	25.0	24.0	92.0	92.0	-	-	20.0	11.0	26.0	27.0
11	23.0	23.0	27.0	27.0	25.0	27.0	23.0	24.0	83.0	77.0	-	-	13.0	8.0	23.0	24.0
12	23.0	23.0	27.0	27.0	24.0	27.0	22.0	23.0	83.0	70.0	-	-	6.0	6.0	23.0	24.0
13	22.0	22.0	27.0	27.0	24.0	27.0	21.0	23.0	75.0	70.0	-	-	9.0	9.0	22.0	25.0
14	22.0	22.0	26.0	26.0	23.0	27.0	20.0	21.0	75.0	56.0	-	-	10.0	8.0	21.0	26.0
15	21.0	24.0	26.0	25.0	22.0	26.0	19.0	20.0	74.0	56.0	-	-	12.0	9.0	19.0	25.5
16	21.0	21.0	26.0	26.0	21.0	26.0	19.0	20.0	82.0	55.0	-	-	9.0	9.0	19.0	26.0
17	21.0	21.0	26.0	26.0	22.0	26.0	20.0	22.0	82.0	69.0	-	-	5.0	6.0	20.0	26.5
18	21.0	21.0	26.0	26.0	22.0	26.0	20.0	20.0	82.0	56.0	-	-	6.0	10.0	19.0	25.0
19	21.0	21.0	26.0	26.0	22.0	27.0	19.0	19.0	74.0	50.0	-	-	10.0	13.0	19.0	24.5
20	21.0	21.0	26.0	26.0	22.0	26.0	19.0	22.0	74.0	69.0	-	-	5.0	3.5	18.5	25.0
21	21.0	21.0	26.0	26.0	26.0	27.0	19.0	21.0	74.0	56.0	-	-	6.5	10.5	19.0	25.0
22	21.0	21.0	26.0	27.0	22.0	27.0	19.0	21.0	74.0	56.0	-	-	7.0	5.0	18.5	25.0
23	21.0	25.0	26.0	27.0	22.0	26.0	19.0	21.0	74.0	62.0	-	-	14.0	14.0	19.0	25.0
24	21.0	21.0	26.0	27.0	22.0	26.0	19.0	21.0	74.0	62.0	-	-	11.0	4.0	18.0	25.0
25	21.0	21.0	26.0	26.0	22.0	26.0	19.0	21.0	74.0	62.0	-	-	13.5	6.0	18.0	25.0
26	21.0	21.0	27.0	27.0	21.0	27.0	19.0	20.0	82.0	50.0	-	-	12.0	5.0	18.0	24.5
27	20.0	20.0	26.0	25.0	21.0	25.0	18.0	20.0	73.0	61.0	-	-	10.0	3.0	17.5	23.0
28	20.0	20.0	26.0	25.0	22.0	25.0	18.0	20.0	82.0	61.0	-	-	13.0	1.0	18.0	23.0
29	20.0	20.0	25.0	24.5	21.0	25.0	19.0	20.0	82.0	61.0	-	-	7.0	2.0	17.5	23.0
30	20.0	20.0	24.5	24.0	21.0	24.0	18.0	22.0	73.0	83.0	-	-	6.0	3.0	17.0	23.5
31	19.5	24.5	24.5	21.0	21.0	18.0	18.0	18.0	73.0	73.0	-	-	8.0	8.0	17.5	17.5
Total	695.5	711.0	825.0	828.5	742.0	834.0	666.0	710.0	2524.0	2218.0	27.2	27.8	476.0	475.0*	662.0	783.5*
Average	22.4	22.9	26.6	26.7	23.9	26.9	21.5	22.9	81.4	71.5	0.9	0.9	15.0*	15.0*	21.4	26.1*
	22.7		26.7		25.4		22.2		76.5		0.9		951.0*		23.7*	

Twice Daily Climatic Data

Station Code : EMM0017
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I, CWC, Raipur
- 0.0 -- N.A.

NOVEMBER 2016																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		23.0		24.0		24.0		22.0		83.0		-		2.0		23.0
1	20.0	20.0	25.0	25.0	21.0	24.0	18.0	20.0	73.0	68.0	-	-	5.0	7.0	17.5	22.0
2	20.0	20.0	24.0	25.0	22.0	24.0	20.0	20.0	82.0	68.0	-	-	6.0	6.0	17.0	23.0
3	21.0	22.0	25.0	25.0	22.0	25.0	20.0	21.0	82.0	68.0	-	-	8.0	4.5	20.0	24.0
4	22.0	22.0	26.0	26.0	23.0	26.0	21.0	21.0	83.0	62.0	-	-	10.0	4.5	20.5	25.0
5	22.0	22.0	26.0	26.0	23.0	26.0	21.0	21.0	83.0	62.0	-	-	11.5	12.5	21.0	26.5
6	21.0	20.0	26.0	24.0	21.0	23.0	18.0	19.0	73.0	67.0	-	-	7.5	9.0	18.0	23.0
7	19.0	18.0	24.0	24.0	19.0	23.0	16.0	16.0	72.0	45.0	-	-	12.5	6.5	15.5	21.0
8	18.0	18.0	23.0	22.0	19.0	22.0	16.0	16.0	72.0	47.0	-	-	10.0	4.0	15.0	20.5
9	17.0	17.0	22.0	21.0	18.0	21.0	16.0	16.0	80.0	57.0	-	-	10.0	5.0	14.5	20.0
10	17.0	17.0	21.0	21.0	18.0	21.0	16.0	17.0	80.0	85.0	-	-	11.5	4.5	14.0	20.0
11	17.0	17.0	21.0	21.0	18.0	22.0	15.0	17.0	71.0	58.0	-	-	2.0	5.0	13.5	21.0
12	17.0	17.0	22.0	21.0	18.0	22.0	16.0	18.0	80.0	66.0	-	-	10.0	2.0	15.0	20.5
13	18.0	17.0	22.0	21.0	19.0	21.0	16.0	18.0	72.0	73.0	-	-	4.0	3.0	16.0	21.0
14	17.0	18.0	22.0	22.0	19.0	22.0	16.0	18.0	72.0	66.0	-	-	5.0	13.5	17.0	22.0
15	18.0	17.0	22.0	22.0	18.0	22.0	16.0	17.0	80.0	58.0	-	-	8.0	4.0	18.0	21.5
16	17.0	17.0	22.0	21.0	17.0	21.0	15.0	16.0	80.0	57.0	-	-	10.5	2.0	17.5	21.0
17	17.0	16.0	21.0	21.0	17.0	22.0	14.0	16.0	70.0	50.0	-	-	6.0	5.0	14.0	20.5
18	16.0	17.0	21.0	21.0	16.0	22.0	14.0	15.0	79.0	43.0	-	-	9.0	6.0	13.0	19.0
19	16.0	16.0	21.0	21.0	16.0	22.0	14.0	16.0	79.0	50.0	-	-	2.0	5.0	12.5	20.0
20	16.0	16.0	22.0	21.0	16.0	21.0	14.0	16.0	79.0	57.0	-	-	5.0	4.0	13.0	19.0
21	16.0	16.0	21.0	21.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	8.0	9.0	13.0	19.0
22	15.5	16.0	21.5	21.0	17.0	22.0	14.0	15.0	70.0	43.0	-	-	4.0	5.0	13.5	19.0
23	15.0	16.0	21.0	21.0	16.0	22.0	13.0	15.0	69.0	43.0	-	-	9.0	6.0	13.0	18.0
24	15.0	16.0	20.0	21.0	16.0	21.0	13.0	16.0	69.0	57.0	-	-	4.0	4.0	13.0	18.0
25	16.0	16.0	22.0	21.0	17.0	20.0	14.0	15.0	70.0	56.0	-	-	6.0	9.0	14.0	17.5
26	16.0	16.0	21.0	21.0	17.0	20.0	14.0	15.0	70.0	56.0	-	-	7.0	8.0	13.5	17.0
27	16.0	16.0	21.0	21.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	8.0	7.0	13.0	16.5
28	16.5	16.0	21.5	21.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	5.0	8.0	13.0	16.0
29	16.0	16.0	21.0	21.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	9.0	9.0	13.0	16.0
30	16.0		21.0		17.0		14.0		70.0		-	-	7.0		13.0	
Total	524.0	531.0	669.0	664.0	548.0	665.0	470.0	516.0	2240.0	1773.0	0.0	0.0	220.5	180.0	454.5	610.5
Average	17.5	17.7	22.3	22.1	18.3	22.2	15.7	17.2	74.7	59.1	0.0	0.0	15.2	15.2	15.2	20.4
	17.6		22.2		20.2		16.4		66.9		0.0		400.5		17.8	

Station Code : EMM00T7
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMMSD I,CWC,Raipur
- 0.0 - N.A.

DECEMBER 2016																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		16.0		21.0		21.0		16.0		57.0		-		8.0		16.0
1	16.0	16.0	22.0	21.0	17.0	21.0	15.0	15.0	80.0	45.0	-	-	3.0	5.0	15.5	16.0
2	16.0	17.0	20.0	21.0	18.0	21.0	16.0	18.0	80.0	73.0	-	-	4.0	6.0	16.0	15.5
3	17.0	17.0	21.0	21.0	18.0	21.0	16.0	18.0	80.0	73.0	-	-	12.0	3.0	16.0	16.0
4	18.0	18.0	22.0	21.0	19.0	21.0	18.0	18.0	90.0	73.0	-	-	6.0	4.0	16.5	16.5
5	17.0	17.0	22.0	21.0	17.0	20.0	15.0	17.0	80.0	73.0	-	-	7.0	9.0	16.0	16.0
6	16.0	16.0	21.0	21.0	16.0	21.0	13.0	15.0	69.0	49.0	-	-	3.0	8.0	15.5	16.5
7	15.0	15.0	21.0	20.0	16.0	20.0	13.0	15.0	69.0	56.0	-	-	6.0	12.0	16.0	17.0
8	15.0	15.0	20.0	20.0	16.0	20.0	13.0	15.0	69.0	56.0	-	-	4.0	2.0	16.0	18.0
9	15.0	15.0	20.0	18.0	16.0	19.0	14.0	15.0	79.0	64.0	-	-	2.0	3.0	16.0	17.0
10	14.0	14.0	19.0	18.0	15.0	20.0	13.0	14.0	78.0	48.0	-	-	4.0	4.0	15.0	16.0
11	14.0	14.0	19.0	19.0	15.0	20.0	13.0	5.0	78.0	56.0	-	-	6.0	5.0	12.0	18.0
12	15.0	15.0	20.0	20.0	16.0	20.0	14.0	15.0	69.0	56.0	-	-	5.0	4.0	12.0	17.5
13	16.0	16.0	20.0	20.0	16.0	20.0	14.0	15.0	69.0	56.0	-	-	7.0	5.0	12.5	18.0
14	15.0	15.0	20.0	20.0	16.0	20.0	13.0	15.0	69.0	56.0	-	-	4.5	6.0	13.0	17.5
15	15.0	15.0	20.0	19.0	16.0	19.0	13.0	15.0	69.0	64.0	-	-	7.5	5.0	13.0	16.0
16	14.0	14.0	19.0	18.5	16.0	19.0	13.0	15.0	69.0	64.0	-	-	6.0	4.0	12.5	16.5
17	13.5	13.0	19.5	18.0	15.0	19.0	12.0	13.0	68.0	46.0	-	-	8.0	5.0	12.0	15.5
18	12.0	13.0	18.0	17.5	13.0	18.0	10.0	13.0	66.0	53.0	-	-	6.0	7.0	12.0	15.0
19	12.0	13.0	18.0	17.0	13.0	18.0	10.0	13.0	66.0	53.0	-	-	7.0	5.0	11.0	14.0
20	12.0	13.0	17.0	17.0	13.0	18.0	10.0	12.0	66.0	45.0	-	-	3.0	5.0	11.0	14.0
21	12.0	12.0	17.0	18.0	13.0	18.0	10.0	12.0	66.0	45.0	-	-	18.0	2.0	12.0	15.0
22	12.0	12.0	18.0	17.0	13.0	18.0	10.0	12.0	66.0	45.0	-	-	10.0	1.0	10.0	15.5
23	13.0	12.0	17.0	19.0	13.0	14.0	10.0	14.0	66.0	54.0	-	-	20.0	10.0	10.0	11.0
24	13.0	13.0	19.0	18.0	14.0	18.0	12.0	15.0	78.0	71.0	-	-	7.5	3.0	11.0	12.5
25	14.0	13.0	18.0	18.0	14.0	19.0	12.0	15.0	78.0	63.0	-	-	2.5	5.0	10.5	11.5
26	15.0	16.0	19.0	19.0	16.0	19.0	13.0	13.0	69.0	46.0	-	-	4.0	10.0	11.0	12.0
27	14.0	13.0	19.0	19.0	14.0	19.0	11.0	15.0	67.0	63.0	-	-	11.0	10.0	10.0	10.5
28	14.0	14.0	19.0	18.0	15.0	19.0	12.0	13.0	68.0	46.0	-	-	5.0	8.0	11.0	11.0
29	13.0	13.0	19.0	20.0	14.0	20.0	11.0	14.0	67.0	48.0	-	-	10.0	15.0	10.0	11.5
30	14.0	14.0	20.0	19.0	14.0	19.0	12.0	13.0	78.0	46.0	-	-	7.0	8.0	11.5	12.0
31	14.0		20.0		15.0		13.0		78.0		-	-	11.0		10.5	
Total	445.5	449.0	603.5	594.0	472.0	599.0	394.0	444.0	2244.0	1751.0	0.0	0.0	217.0	187.0	397.0	465.0
Average	14.4	14.5	19.5	19.2	15.2	19.3	12.7	14.3	72.4	56.5	0.0	0.0			12.8	15.0
	14.4		19.3		17.3		13.5		64.4		0.0		404.0		13.9	

Twice Daily Climatic Data

Station Code : EMM00T7
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I, CWC, Raipur
- 0.0 - N.A.

JANUARY 2017																
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		13.0		20.0		18.0		12.0		45.0		-		6.0		10.0
1	13.5	14.0	19.0	19.0	15.0	19.0	13.0	16.0	78.0	72.0	-	-	4.0	6.0	11.5	18.0
2	16.0	16.0	19.0	19.0	18.0	19.0	16.0	16.0	80.0	72.0	2.2	2.2	2.0	3.0	15.5	18.0
3	16.0	15.0	19.0	20.0	17.0	20.0	15.0	17.0	80.0	73.0	-	-	3.0	4.0	14.0	16.0
4	15.0	15.0	19.0	19.0	16.0	19.0	14.0	15.0	79.0	63.0	-	-	2.0	3.0	13.0	15.0
5	14.0	14.0	19.0	18.0	15.0	18.0	13.0	14.0	78.0	62.0	-	-	4.0	4.0	13.0	14.0
6	13.5	14.0	19.0	18.0	15.0	19.0	12.0	14.0	68.0	63.0	-	-	3.0	5.0	12.0	13.0
7	15.0	14.0	19.0	19.0	15.0	19.0	13.0	15.0	78.0	63.0	-	-	4.0	5.0	13.0	12.0
8	16.0	16.0	19.0	20.0	17.0	19.0	14.0	16.0	70.0	72.0	-	-	5.0	4.0	13.5	13.0
9	16.0	16.0	20.0	20.0	18.0	21.0	15.0	16.0	71.0	57.0	-	-	6.0	3.0	14.0	13.0
10	17.0	17.0	20.0	20.0	18.0	20.0	17.0	17.0	90.0	73.0	10.4	-	18.0	2.0	12.0	13.0
11	15.0	15.0	20.0	18.0	16.0	18.0	13.0	13.0	69.0	53.0	-	-	4.0	4.0	11.0	14.0
12	12.0	12.0	18.0	16.0	13.0	17.0	10.0	12.0	66.0	52.0	-	-	2.0	5.0	10.0	10.5
13	11.0	11.0	15.0	15.0	11.0	17.0	9.0	10.0	75.0	34.0	-	-	3.0	7.0	11.0	12.0
14	10.0	10.0	16.0	16.0	11.0	15.0	8.0	10.0	63.0	49.0	-	-	1.0	4.0	10.0	11.0
15	10.0	10.0	16.0	15.0	11.0	15.0	9.0	11.0	75.0	58.0	-	-	2.0	6.0	10.0	12.0
16	12.0	12.0	16.0	18.0	13.0	20.0	10.0	15.0	66.0	56.0	-	-	3.0	7.0	11.0	13.0
17	14.0	15.0	19.0	21.0	16.0	22.0	13.0	16.0	69.0	50.0	-	-	5.0	8.0	12.0	14.0
18	17.0	16.0	22.0	21.0	17.0	22.0	14.0	17.0	70.0	58.0	-	-	6.0	9.0	13.0	13.5
19	17.0	17.0	22.0	22.0	18.0	23.0	16.0	18.0	80.0	59.0	-	-	6.0	1.0	13.5	14.0
20	17.0	17.0	22.0	21.0	18.0	22.0	16.0	17.0	80.0	58.0	-	-	7.0	8.0	13.0	15.0
21	17.0	17.0	21.0	21.0	18.0	21.0	15.0	16.0	71.0	57.0	-	-	6.0	7.0	13.0	15.0
22	16.0	16.0	21.0	20.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	5.0	6.0	12.0	14.0
23	16.0	16.0	21.0	21.0	17.0	21.0	14.0	16.0	70.0	57.0	-	-	8.0	6.0	12.0	13.0
24	16.0	16.0	21.0	22.0	17.0	22.0	14.0	16.0	70.0	50.0	-	-	7.0	5.0	12.0	13.5
25	16.0	16.0	22.0	22.0	17.0	23.0	14.0	16.0	70.0	45.0	-	-	7.0	5.0	12.0	13.5
26	17.0	17.0	22.0	21.0	17.0	21.0	14.0	17.0	70.0	65.0	-	-	8.0	5.0	13.0	14.0
27	18.0	18.0	21.0	23.0	19.0	23.0	17.0	19.0	81.0	67.0	-	-	4.0	32.0	16.0	18.0
28	18.0	17.0	23.0	21.0	18.0	21.0	15.0	16.0	71.0	57.0	-	-	5.0	6.0	16.0	18.0
29	15.0	17.0	21.0	20.0	16.0	19.0	13.0	14.0	69.0	63.0	-	-	6.0	8.0	15.0	17.0
30	15.0	16.0	20.0	21.0	16.0	20.0	13.0	14.0	69.0	48.0	-	-	4.0	7.0	14.0	16.0
31	16.0		21.0		16.0		13.0		69.0		-	-	2.0		13.0	
Total	467.0	465.0	612.0	607.0	496.0	614.0	416.0	467.0	2265.0	1808.0	12.6	0.0	152.0	191.0	394.0	436.0
Average	15.1	15.0	19.7	19.6	16.0	19.8	13.4	15.1	73.1	58.3	0.4	0.0			12.7	14.1
	15.0		19.7		17.9		14.2		65.7		0.2		343.0		13.4	

Twice Daily Climatic Data

Station Code : EMM00T7
Local River/Basin : Hasdeo

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

FEBRUARY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.0		21.0		21.0		15.0		49.0		-		15.0		20.0
1	16.0	16.0	21.0	21.0	16.0	21.0	13.0	15.0	69.0	49.0	-	-	8.0	10.0	15.0	17.0
2	17.0	17.0	22.0	22.0	18.0	22.0	14.0	15.0	70.0	43.0	-	-	10.0	7.0	16.0	21.0
3	16.0	16.0	23.0	21.0	17.0	22.0	13.0	15.0	61.0	43.0	-	-	13.5	6.0	13.0	20.0
4	16.0	16.0	22.0	21.0	17.0	24.0	13.0	15.0	61.0	30.0	-	-	12.0	3.5	11.5	19.0
5	16.0	16.0	22.0	22.0	17.0	23.0	13.0	16.0	61.0	45.0	-	-	4.0	16.6	12.0	21.5
6	17.0	17.0	18.0	22.0	18.0	23.0	14.0	18.0	62.0	59.0	-	-	11.0	8.0	14.5	23.0
7	19.0	18.0	23.0	22.0	19.0	23.0	15.0	17.0	63.0	52.0	-	-	6.0	12.0	15.0	21.0
8	17.0	17.0	23.0	22.0	17.0	22.0	14.0	14.0	70.0	36.0	-	-	10.0	10.0	16.0	21.0
9	17.0	16.0	22.0	22.0	17.0	24.0	13.0	17.0	61.0	46.0	-	-	15.0	12.0	13.5	22.0
10	17.0	17.0	23.0	23.0	18.0	23.0	15.0	18.0	71.0	59.0	-	-	10.0	11.0	14.0	21.0
11	18.0	18.0	22.0	23.0	18.0	23.0	14.0	17.0	62.0	52.0	-	-	9.0	10.0	14.5	21.5
12	18.0	19.0	23.0	21.0	19.0	21.0	17.0	19.0	81.0	82.0	7.4	-	22.0	4.0	16.5	22.0
13	17.0	17.0	22.0	22.0	18.0	23.0	16.0	18.0	80.0	59.0	-	-	10.0	5.0	16.0	22.0
14	18.0	18.0	22.0	23.0	19.0	23.0	17.0	18.0	81.0	59.0	-	-	6.0	4.0	16.5	23.0
15	18.0	18.0	24.0	23.0	19.0	23.0	16.0	16.0	72.0	45.0	-	-	5.0	4.0	17.0	23.0
16	17.0	18.0	23.0	23.0	18.0	23.0	15.0	16.0	71.0	45.0	-	-	14.0	5.0	15.0	23.0
17	18.0	19.0	23.0	23.0	19.0	24.0	15.0	17.0	63.0	46.0	-	-	16.0	9.0	15.5	23.5
18	19.0	19.0	24.0	25.0	20.0	25.0	16.0	18.0	64.0	47.0	-	-	18.0	16.0	16.5	24.0
19	20.0	20.0	25.0	25.0	20.0	26.0	17.0	18.0	73.0	45.0	-	-	18.0	16.0	17.0	24.0
20	20.0	19.0	25.0	26.0	20.0	26.0	17.0	18.0	73.0	45.0	-	-	16.0	16.0	17.5	25.0
21	20.0	20.5	25.0	26.0	21.0	26.0	17.0	19.0	65.0	49.0	-	-	17.0	16.0	18.0	25.5
22	20.0	20.5	26.0	26.0	20.0	26.0	16.0	19.0	64.0	49.0	-	-	16.0	15.0	17.5	25.0
23	21.0	20.0	27.0	26.0	21.0	26.0	17.0	17.0	65.0	36.0	-	-	15.0	14.0	17.0	24.5
24	20.0	20.0	25.0	24.0	20.0	24.0	15.0	15.0	56.0	33.0	-	-	12.0	15.0	16.5	23.5
25	18.0	17.0	24.0	19.0	18.0	24.0	13.0	14.0	53.0	27.0	-	-	20.0	23.0	23.5	23.0
26	18.0	18.0	24.0	25.0	18.0	25.0	13.0	16.0	53.0	35.0	-	-	7.0	19.0	17.5	24.0
27	19.0	20.0	25.0	25.0	19.0	25.0	15.0	16.0	63.0	35.0	-	-	13.0	15.0	15.0	24.5
28	19.0		25.0		19.0		15.0		63.0		-	-	16.5		15.0	
Total	506.0	502.0	653.0	644.0	520.0	661.0	418.0	466.0	1851.0	1300.0	7.4	0.0	350.0	317.1	442.5	627.5
Average	18.1	17.9	23.3	23.0	18.6	23.6	14.9	16.6	66.1	46.4	0.3	0.0			15.8	22.4
	18.0		23.2		21.1		15.8		56.3		0.1		667.1		19.1	

Station Code : EMM0017
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

MARCH 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		19.0		26.0		26.0		17.0		35.0		-		25.0		25.0
1	20.0	20.0	26.0	27.0	20.0	27.0	16.0	18.0	64.0	38.0	-	-	7.0	10.0	16.5	16.0
2	21.0	21.0	27.0	28.0	22.0	29.0	17.0	18.0	58.0	29.0	-	-	20.0	25.0	18.0	17.0
3	20.0	24.0	24.0	28.0	24.0	29.0	19.0	20.0	60.0	40.0	-	-	6.0	15.0	20.0	28.0
4	24.0	24.0	29.0	29.0	24.0	29.0	19.0	20.0	60.0	40.0	-	-	15.0	21.0	20.0	27.0
5	23.0	24.0	29.0	27.0	24.0	27.0	19.0	19.0	60.0	44.0	-	-	14.0	16.0	20.5	27.0
6	22.0	22.0	27.0	26.0	22.0	26.0	16.0	18.0	50.0	45.0	-	-	18.0	18.0	16.5	26.0
7	20.0	20.0	26.0	25.0	20.0	26.0	15.0	17.0	56.0	36.0	-	-	19.0	16.0	17.0	25.0
8	22.0	22.0	26.0	26.0	22.0	26.0	17.0	19.0	58.0	49.0	-	-	22.0	10.0	17.0	26.0
9	23.0	23.0	27.0	28.0	24.0	28.0	20.0	19.0	64.0	39.0	-	-	12.0	18.0	18.0	27.0
10	23.0	23.0	28.0	28.0	24.0	28.0	19.0	19.0	60.0	39.0	-	-	16.0	19.0	18.5	28.0
11	23.0	23.0	28.0	27.0	24.0	27.0	19.0	19.0	60.0	44.0	-	-	17.0	18.0	18.0	27.5
12	22.0	22.0	27.0	26.0	23.0	26.0	17.0	17.0	57.0	36.0	-	-	28.0	24.0	18.0	24.5
13	20.0	20.0	26.0	25.0	20.0	25.0	15.0	16.0	56.0	35.0	-	-	16.0	18.0	16.5	25.0
14	20.0	20.0	25.0	25.0	20.0	26.0	14.0	16.0	48.0	30.0	-	-	30.0	5.0	17.0	25.0
15	20.0	20.0	25.0	25.0	20.0	25.0	15.0	15.0	56.0	28.0	-	-	18.0	13.0	16.0	25.5
16	20.0	20.0	25.0	26.0	20.0	26.0	15.0	17.0	56.0	36.0	-	-	25.0	20.0	17.0	27.0
17	21.0	21.0	26.0	26.0	22.0	26.0	16.0	19.0	50.0	49.0	-	-	30.0	2.0	17.5	27.0
18	21.0	21.0	26.0	27.0	22.0	28.0	17.0	18.0	58.0	33.0	-	-	20.0	17.0	16.5	27.5
19	21.0	21.0	27.0	27.0	24.0	27.0	19.0	17.0	60.0	32.0	-	-	20.0	10.0	20.0	27.0
20	22.0	22.0	28.0	28.0	23.0	28.0	19.0	18.0	67.0	33.0	-	-	20.0	20.0	18.0	28.0
21	22.0	22.0	28.0	28.0	22.0	29.0	17.0	18.0	58.0	39.0	-	-	20.0	20.0	19.0	28.0
22	22.0	23.0	28.0	29.0	23.0	30.0	17.0	20.0	57.0	36.0	-	-	22.0	16.0	20.0	29.0
23	24.0	24.0	29.0	31.0	25.0	31.0	19.0	21.0	54.0	39.0	-	-	23.0	21.0	20.5	30.5
24	25.0	25.0	31.0	31.5	26.0	32.0	20.0	22.0	55.0	39.0	-	-	23.0	22.0	21.0	30.5
25	26.0	26.0	32.0	32.0	27.0	32.0	20.0	21.0	50.0	34.0	-	-	22.0	23.0	22.5	31.0
26	27.0	27.0	33.0	32.0	27.0	32.0	21.0	21.0	56.0	34.0	-	-	25.0	25.0	23.0	31.5
27	27.0	27.0	33.5	33.0	27.0	32.0	21.0	21.0	56.0	34.0	-	-	25.0	27.0	23.5	31.5
28	27.0	27.0	34.0	34.0	27.0	34.0	21.0	22.0	56.0	32.0	-	-	27.0	32.0	24.0	32.0
29	28.0	28.0	34.0	34.0	28.0	34.0	21.0	22.0	51.0	32.0	-	-	28.0	31.0	24.0	32.0
30	28.0	28.0	34.0	34.0	28.0	34.0	21.0	22.0	51.0	32.0	-	-	30.0	32.0	24.0	33.0
31	28.0		34.0		28.0		21.0		51.0		-	-	36.0		24.5	
Total	712.0	709.0	882.5	878.5	732.0	885.0	562.0	586.0	1753.0	1141.0	0.0	0.0	654.0	589.0	602.5	855.0
Average	23.0	22.9	28.5	28.3	23.6	28.5	18.1	18.9	56.5	36.8	0.0	0.0			19.4	27.6
	22.9		28.4		26.1		18.5		46.7		0.0		1243.0		23.5	

Station Code : EMM00T7
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

APRIL 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																
1		28.0		34.0		34.0		21.0		27.0				24.0		33.0
2		28.0	34.0	34.0	29.0	36.0	20.0	22.0	40.0	30.0	-	-	34.0	22.0	25.0	33.0
3		29.0	36.0	34.0	29.0	34.0	21.0	22.0	46.0	32.0	-	-	40.0	38.0	23.0	33.5
4		30.0	34.0	35.0	30.0	35.0	21.0	22.0	42.0	28.0	-	-	20.0	40.0	24.0	35.0
5		29.0	35.0	35.0	30.0	35.0	20.0	22.0	36.0	28.0	-	-	22.0	41.0	24.0	34.0
6		30.0	35.0	35.0	30.0	34.0	22.0	25.0	47.0	33.0	-	-	21.0	55.0	24.0	32.5
7		31.0	35.0	36.0	31.0	36.0	15.0	23.0	10.0	30.0	-	-	25.0	60.0	25.0	34.5
8		31.0	36.0	36.0	31.0	36.0	14.0	23.0	10.0	30.0	-	-	20.0	40.0	25.0	34.5
9		31.0	36.0	36.0	30.0	36.0	22.0	22.0	47.0	26.0	-	-	38.0	37.0	24.0	34.0
10		31.0	36.0	35.0	30.0	35.0	21.0	21.0	42.0	24.0	-	-	21.0	40.0	25.0	33.0
11		29.0	35.0	34.0	29.0	33.0	19.0	19.0	35.0	22.0	-	-	22.0	17.0	24.0	30.0
12		26.0	33.0	33.0	27.0	32.0	18.0	20.0	38.0	29.0	-	-	22.0	33.0	23.0	29.0
13		26.0	34.0	34.0	28.0	33.0	18.0	21.0	33.0	39.0	-	-	36.0	36.0	24.0	29.5
14		26.0	35.0	34.0	29.0	33.0	20.0	21.0	40.0	39.0	-	-	31.0	40.0	25.0	29.5
15		29.0	36.0	36.0	29.0	36.0	19.0	22.0	35.0	26.0	-	-	34.0	33.0	25.0	29.5
16		29.5	36.0	36.0	30.0	36.0	21.0	22.0	42.0	26.0	-	-	36.0	34.0	25.5	29.5
17		31.0	36.0	37.0	31.0	37.0	23.0	24.0	48.0	31.0	-	-	35.0	33.0	26.0	30.0
18		31.0	37.0	38.0	31.0	37.0	23.0	24.0	48.0	31.0	-	-	34.0	36.0	26.0	30.5
19		32.0	38.0	38.0	33.0	37.0	24.0	24.0	48.0	31.0	-	-	37.0	36.0	27.5	30.5
20		31.0	38.0	38.0	32.0	37.0	21.0	24.0	44.0	31.0	-	-	35.0	36.0	28.0	30.5
21		31.0	38.0	38.0	32.0	38.0	22.0	25.0	39.0	32.0	-	-	34.0	35.0	28.0	31.0
22		33.0	38.0	39.0	33.0	39.0	22.0	24.0	35.0	22.0	-	-	32.0	60.0	26.5	25.0
23		33.0	39.0	38.0	33.0	38.0	23.0	24.0	40.0	28.0	-	-	40.0	58.0	26.0	34.5
24		32.0	38.0	38.0	33.0	38.0	23.0	25.0	40.0	32.0	-	-	40.0	40.0	25.0	35.0
25		32.0	38.0	37.0	32.0	38.0	22.0	24.0	39.0	28.0	-	-	31.0	54.0	25.0	35.5
26		32.0	37.0	37.0	32.0	37.0	23.0	24.0	41.0	31.0	-	-	31.0	40.0	25.5	35.5
27		31.0	37.0	37.0	31.0	37.0	22.0	24.0	43.0	31.0	-	-	40.0	40.0	24.0	34.5
28		31.0	37.0	37.0	31.0	38.0	22.0	24.0	43.0	28.0	-	-	40.0	40.0	24.5	36.0
29		31.0	37.0	37.0	31.0	38.0	22.0	24.0	43.0	28.0	-	-	40.0	40.0	24.0	36.0
30		33.0	37.0	37.0	33.0	37.0	23.0	24.0	40.0	40.0	-	-	43.0	40.0	26.0	36.0
Total	906.5	899.0	1085.0	1080.0	917.0	1076.0	624.0	683.0	1162.0	892.0	0.0	0.0	968.0	1171.0	750.5	967.5
Average	30.2	30.0	36.2	36.0	30.6	35.9	20.8	22.8	38.7	29.7	0.0	0.0	32.3	36.6	25.0	32.3
	30.1		36.1		33.2		21.8		34.2		0.0		2139.0		28.6	

Station Code : EMM0017
Local River/Basin : Hasdeo

Twice Daily Climatic Data

Station Name : Manendragarh
Sub-Division : MMSD I, CWC, Raipur
-0.0 .. N.A.

MAY 2017																
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																
1		33.0	38.0	37.0	33.0	36.0	24.0	24.0	45.0	34.0	-	-	40.0	40.0	26.0	33.0
2		32.0	37.0	37.0	32.0	36.0	24.0	25.0	49.0	38.0	-	-	31.0	40.0	25.5	35.0
3		32.0	37.0	38.0	32.0	38.0	24.0	25.0	49.0	32.0	-	-	40.0	40.0	24.5	36.5
4		33.0	38.0	38.0	33.0	38.0	23.0	25.0	49.0	32.0	-	-	38.0	33.0	25.0	37.0
5		33.0	38.0	38.0	33.0	38.0	24.0	25.0	45.0	32.0	-	-	40.0	38.0	26.0	37.0
6		33.0	38.0	38.0	33.0	38.0	24.0	25.0	45.0	32.0	-	-	34.0	28.0	25.0	36.0
7		32.0	33.0	38.0	33.0	38.0	25.0	24.0	50.0	38.0	-	-	33.0	26.0	25.0	36.0
8		32.0	38.0	38.0	32.0	38.0	24.0	26.0	49.0	36.0	-	-	34.0	44.0	24.0	36.5
9		34.0	33.0	39.0	38.0	35.0	38.0	25.0	42.0	32.0	-	-	35.0	43.0	25.0	36.0
10		33.0	38.0	38.0	34.0	38.0	24.0	25.0	41.0	32.0	-	-	36.0	42.0	26.0	37.0
11		34.0	33.0	38.0	34.0	36.0	25.0	26.0	46.0	43.0	-	-	37.0	60.0	26.5	37.5
12		33.0	32.0	38.0	33.0	38.0	26.0	28.0	55.0	45.0	-	-	40.0	29.0	27.0	37.0
13		33.0	33.0	38.0	39.0	33.0	40.0	26.0	27.0	55.0	34.0	-	40.0	40.0	27.0	36.0
14		34.0	35.0	39.0	40.0	34.0	40.0	27.0	28.0	56.0	38.0	-	30.0	41.0	27.5	37.0
15		35.0	35.0	40.0	41.0	35.0	41.0	26.0	28.0	47.0	39.0	-	40.0	54.0	28.0	37.0
16		36.0	36.0	41.0	42.0	38.0	42.0	26.0	28.0	36.0	32.0	-	40.0	50.0	28.5	37.0
17		36.0	36.0	42.0	41.0	36.0	41.0	26.0	28.0	43.0	35.0	-	40.0	60.0	28.0	37.0
18		36.0	36.0	42.0	41.0	36.0	41.0	28.0	28.0	53.0	35.0	-	40.0	41.0	28.5	37.0
19		35.0	35.0	41.0	40.0	35.0	40.0	27.0	28.0	52.0	38.0	-	40.0	40.0	28.0	37.0
20		36.0	36.0	41.0	42.0	38.0	41.0	26.0	26.0	39.0	39.0	-	41.0	42.0	29.0	38.0
21		36.0	36.0	42.0	42.0	38.0	40.0	25.0	28.0	32.0	38.0	-	40.0	40.0	29.5	37.0
22		35.0	35.0	41.0	40.0	35.0	40.0	27.0	28.0	52.0	38.0	-	41.0	39.0	28.5	36.0
23		35.0	36.0	41.0	41.0	36.0	40.0	27.0	28.0	48.0	38.0	-	45.0	57.0	28.0	36.5
24		35.0	35.0	41.0	40.0	35.0	40.0	27.0	28.0	52.0	38.0	-	32.0	49.0	27.0	36.0
25		36.0	35.0	41.0	40.0	35.0	39.0	27.0	29.0	52.0	46.0	-	36.0	46.0	28.0	36.0
26		35.0	35.0	40.0	41.0	36.0	41.0	28.0	29.0	53.0	39.0	-	31.0	50.0	28.5	36.5
27		35.0	34.0	41.0	40.0	35.0	34.0	27.0	28.0	52.0	62.0	-	40.0	30.0	28.0	34.0
28		31.0	31.0	37.0	36.0	31.0	33.0	26.0	27.0	66.0	65.0	-	26.0	40.0	27.0	33.0
29		30.0	30.0	35.0	36.0	30.0	36.0	25.0	27.0	65.0	48.0	-	23.0	40.0	26.0	34.5
30		30.0	32.0	33.0	38.0	33.0	38.0	26.0	28.0	56.0	45.0	-	20.0	40.0	28.5	36.0
31		30.0		38.0		33.0		27.0		62.0		-	39.0		28.0	
Total	1043.0	1045.0	1209.0	1212.0	1059.0	1195.0	796.0	829.0	1536.0	1205.0	0.0	0.0	1122.0	1302.0	837.0	1120.0
Average	33.6	33.7	39.0	39.1	34.2	38.5	25.7	26.7	49.5	38.9	0.0	0.0			27.0	36.1
	33.7		39.0		36.4		26.2		44.2		0.0		2424.0		31.6	

* One or more data missing LDoPM Last day of previous month

Twice Daily Climatic Data

Station Code : EMM00B3
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

JUNE 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		29.0		40.0		37.0		28.0		49.0										4.0		35.0
1	31.0	33.0	41.0	45.0	34.0	42.0	26.0	30.0	78.0	40.0					SW	NW	-	-	3.0	4.0	31.0	37.0
2	33.0	35.0	43.0	45.0	33.0	43.0	28.0	30.0	67.5	37.0					NE	NW	-	-	3.0	4.0	30.0	38.0
3	35.0	35.0	44.0	45.0	34.0	41.0	28.0	31.0	62.0	47.5					NE	SE	-	-	4.0	4.5	30.0	38.0
4	31.0	31.0	44.0	40.0	30.0	37.0	29.0	30.0	93.0	58.5					NE	NE	3.4	-	2.4	4.0	29.0	38.0
5	32.0	39.0	41.0	41.0	31.0	38.0	28.0	30.0	70.5	54.0					SE	NE	-	-	3.0	5.0	30.0	38.0
6	31.0	32.0	43.0	44.0	33.0	41.0	28.0	31.0	67.5	47.5					NE	SW	-	-	4.0	4.0	30.0	38.0
7	32.0	32.0	43.0	44.0	34.0	41.0	29.0	31.0	68.0	47.5					NW	SE	-	-	3.0	4.0	31.0	39.0
8	31.0	32.0	43.0	44.0	31.0	38.0	27.0	30.0	72.5	54.0					SW	NW	-	-	3.0	4.0	28.0	35.0
9	31.0	34.0	43.0	44.0	34.0	38.0	28.0	28.0	62.0	45.0					SE	NE	-	-	3.0	4.0	30.0	35.0
10	33.0	34.0	43.0	44.0	33.0	38.0	29.0	29.0	73.5	50.0					SW	NE	-	-	3.0	4.0	29.0	32.0
11	31.0	32.0	42.0	43.0	34.0	38.0	29.0	30.0	68.0	54.0					NE	SW	3.2	-	2.2	3.0	29.0	32.0
12	31.0	31.0	43.0	39.0	33.0	35.0	28.0	29.0	67.5	62.5					NE	NW	-	-	3.0	5.0	30.0	37.0
13	32.0	29.0	43.0	39.0	33.0	37.0	29.0	29.0	73.5	53.5					SW	NW	4.2	-	3.2	4.0	32.0	36.0
14	26.0	33.0	38.0	42.0	34.0	40.0	28.0	30.0	62.0	47.0					SW	SW	-	-	3.0	4.0	32.0	37.0
15	33.0	35.0	41.0	44.0	34.0	41.0	28.0	29.0	62.0	39.0					SW	SW	-	-	3.0	4.0	30.0	36.0
16	32.0	33.0	43.0	42.0	34.0	34.0	29.0	29.0	68.0	68.0					NW	SW	1.2	-	3.7	2.5	28.0	33.0
17	29.0	29.0	35.0	40.0	32.0	32.0	28.0	29.0	73.0	79.0					NW	NW	-	0.8	2.0	2.8	28.0	32.0
18	28.0	29.0	33.0	38.0	30.0	33.0	27.0	29.0	78.0	73.5					NW	NW	-	-	1.5	2.0	27.0	32.0
19	28.0	30.0	35.0	39.0	31.0	35.0	28.0	30.0	78.5	68.5					SW	SW	-	-	2.0	2.0	28.0	34.0
20	29.0	29.0	36.0	39.0	31.0	36.0	29.0	30.0	85.5	63.0					SW	SW	9.2	-	3.2	1.5	29.0	36.0
21	30.0	30.0	35.0	40.0	34.0	38.0	31.0	30.0	80.0	54.0					NW	SW	-	-	3.0	2.0	29.0	37.0
22	30.0	33.0	40.0	39.0	34.0	38.0	29.0	30.0	73.5	54.0					SW	SW	-	-	3.0	4.0	30.0	36.0
23	31.0	33.0	38.0	40.0	33.0	38.0	29.0	30.0	78.5	85.5					SW	NW	-	-	3.0	3.0	30.0	36.0
24	30.0	32.0	37.0	38.0	31.0	31.0	28.0	29.0	85.5	68.5					SW	SW	34.8	-	2.8	1.0	29.0	37.0
25	27.0	27.0	32.0	38.0	31.0	35.0	29.0	30.0	73.0	73.5					SW	NE	-	-	2.0	2.0	30.0	36.0
26	29.0	32.0	37.0	39.0	32.0	33.0	28.0	29.0	73.5	68.5					NW	NE	-	-	2.5	2.0	31.0	34.0
27	29.0	32.0	38.0	38.0	33.0	35.0	29.0	30.0	93.0	68.5					NW	NE	-	-	3.0	2.0	31.0	34.0
28	28.0	30.0	38.0	36.0	30.0	35.0	29.0	30.0	85.0	85.5					NW	NE	1.4	-	3.4	2.0	30.0	34.0
29	29.0	29.0	36.0	37.0	30.0	31.0	28.0	29.0	85.0	85.5					NW	NE	-	4.0	4.0	1.0	31.0	34.0
30	28.0		32.0		31.0		28.0		78.5						NE		-	-	3.0		30.0	
Total	910.0	947.0	1178.0	1230.0	972.0	1109.0	851.0	889.0	2236.0	1781.5							57.4	4.8	87.9	95.3	892.0	1066.0
Average	30.3	31.6	39.3	41.0	32.4	37.0	28.4	29.6	74.5	59.4							1.9	0.2			29.7	35.5
	31.0		40.1		34.7		29.0		67.0		0.0*		0.0*				1.0		183.2		32.6	

Twice Daily Climatic Data

Station Code : EMM00B3
Local River/Basin : Hasdeo

Station Name : Barnnidihi
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

JULY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	30.0	29.0	37.0	31.0	33.0	32.0	29.0	30.0	73.5	79.0	..	..	..	..	NE	SW	-	-	2.5	2.0	33.0	33.0
2	28.0	30.0	38.0	39.0	29.0	31.0	28.0	29.0	92.0	85.5	..	..	..	..	SE	SE	18.4	-	1.4	2.0	28.0	33.0
3	25.0	28.0	38.0	30.0	28.0	30.0	28.0	30.0	92.0	85.0	..	..	..	..	NE	NE	52.6	1.0	2.6	3.0	26.0	32.0
4	25.0	26.0	30.0	31.0	26.0	28.0	25.0	27.0	92.0	92.0	..	..	..	..	NE	NE	12.0	9.4	2.0	0.5	27.0	29.0
5	26.0	25.0	30.0	29.0	26.0	29.0	25.0	28.0	92.0	92.0	..	..	..	..	NE	NE	30.2	5.8	-	1.4	25.0	26.0
6	26.0	25.0	28.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	..	..	..	..	NE	NE	9.4	0.4	1.4	0.8	27.0	28.0
7	23.0	26.0	26.0	28.0	26.0	27.0	24.0	26.0	84.0	92.0	..	..	..	..	NE	NE	-	-	1.0	1.4	26.0	28.0
8	24.0	24.0	26.0	30.0	25.0	29.0	24.0	27.0	92.0	85.0	..	..	..	..	NE	NE	3.6	-	1.6	1.0	22.0	31.0
9	25.0	30.0	29.0	33.0	27.0	31.0	26.0	29.0	92.0	85.5	..	..	..	..	NE	NE	-	-	1.0	2.0	23.0	33.0
10	25.0	27.0	32.0	32.0	28.0	31.0	26.0	28.0	85.0	78.5	..	..	..	..	NE	NE	11.0	0.2	1.0	2.0	25.0	34.0
11	26.0	29.0	31.0	31.0	28.0	30.0	27.0	29.0	92.0	93.0	..	..	..	..	NW	NE	3.8	-	0.8	0.8	28.0	31.0
12	26.0	29.0	30.0	30.0	27.0	27.0	26.0	26.0	92.0	92.0	..	..	..	..	NE	NE	1.2	-	2.2	0.5	27.0	29.0
13	24.0	25.0	27.0	29.0	26.0	28.0	25.0	26.0	92.0	85.0	..	..	..	..	NE	NE	2.0	25.6	1.5	1.0	26.0	30.0
14	26.0	28.0	29.0	32.0	28.0	29.0	27.0	28.0	92.0	92.0	..	..	..	..	NE	NE	-	-	1.0	1.6	27.0	30.0
15	26.0	26.0	29.0	29.0	29.0	28.0	28.0	26.0	92.0	85.0	..	..	..	..	NE	NE	1.2	0.4	1.7	2.0	27.0	30.0
16	25.0	29.0	30.0	31.0	27.0	27.0	26.0	26.0	92.0	92.0	..	..	..	..	NE	NE	7.2	-	1.2	0.4	30.0	29.0
17	24.0	30.0	29.0	31.0	27.0	29.0	26.0	27.0	92.0	85.0	..	..	..	..	NE	SW	7.8	-	0.8	0.5	26.0	31.0
18	24.0	25.0	30.0	30.0	27.0	27.0	26.0	27.0	92.0	85.0	..	..	..	..	NE	NE	38.8	3.6	1.8	0.5	27.0	30.0
19	24.0	29.0	29.0	30.0	27.0	27.0	26.0	26.0	92.0	92.0	..	..	..	..	NE	SE	-	7.2	1.0	1.6	26.0	29.0
20	25.0	26.0	29.0	29.0	28.0	28.0	27.0	26.0	92.0	78.0	..	..	..	..	SE	SW	-	28.6	1.0	2.2	28.0	28.0
21	26.0	27.0	28.0	32.0	27.0	28.0	26.0	27.0	92.0	92.0	..	..	..	..	SW	SW	-	-	1.0	2.6	28.0	30.0
22	26.0	26.0	29.0	32.0	28.0	32.0	27.0	29.0	92.0	79.0	..	..	..	..	SE	NW	14.8	18.0	1.8	2.0	28.0	30.0
23	26.0	29.0	33.0	33.0	29.0	29.0	28.0	28.0	92.0	92.0	..	..	..	..	NW	NW	-	-	1.0	1.0	28.0	31.0
24	26.0	29.0	33.0	32.0	29.0	29.0	28.0	28.0	92.0	92.0	..	..	..	..	SE	NW	-	2.0	1.0	1.0	28.0	30.0
25	27.0	29.0	30.0	34.0	29.0	31.0	27.0	29.0	85.0	85.5	..	..	..	..	NW	SE	-	6.8	1.5	0.5	28.0	29.0
26	27.0	28.0	34.0	34.0	28.0	28.0	27.0	27.0	92.0	92.0	..	..	..	..	SE	SE	-	-	0.5	0.8	28.0	28.0
27	26.0	25.0	32.0	34.0	26.0	30.0	25.0	28.0	92.0	85.0	..	..	..	..	SW	SW	1.8	-	0.8	1.0	27.0	34.0
28	26.0	25.0	28.0	34.0	29.0	32.0	25.0	28.0	78.0	73.0	..	..	..	..	NW	NE	16.4	-	0.4	2.0	24.0	34.0
29	25.0	29.0	29.0	34.0	29.0	31.0	26.0	29.0	78.0	85.5	..	..	..	..	NE	SE	-	-	1.5	1.0	25.0	34.0
30	28.0	28.0	30.0	34.0	29.0	33.0	27.0	30.0	85.0	79.5	..	..	..	..	SE	NE	-	-	1.5	1.0	27.0	35.0
31	26.0	29.0	29.0	29.0	27.0	27.0	27.0	27.0	85.0	85.0	..	..	..	..	NE	NE	24.4	-	1.4	-	27.0	27.0
Total	786.0	846.0	941.0	983.0	860.0	915.0	817.0	859.0	2769.5	2673.0	..	..	..	..			256.6	109.0	39.9	42.1	832.0	951.0
Average	25.7	27.3	30.4	31.7	27.7	28.6	26.4	27.7	89.3	86.2	..	..	..	..			8.3	3.5			26.8	30.7
	26.5		31.0			27.0			87.8		0.0	0.0	0.0				5.9		82.0		28.8	

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 -- N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	26.0	34.0	28.0	34.0	31.0	29.0	29.0	29.0	85.5	79.0	2.0	3.5	2.0	3.5	SW	SE	-	-	1.0	1.0	26.0	34.0
1	26.0	28.0	28.0	30.0	28.0	28.0	27.0	28.0	92.0	92.0	2.0	2.4	2.0	2.4	SW	NE	3.4	1.5	1.0	1.0	27.0	30.0
2	25.0	29.0	29.0	31.0	28.0	28.0	26.0	27.0	92.0	92.0	2.2	2.4	2.2	2.4	SW	SW	32.2	1.2	1.4	1.4	27.0	26.0
3	26.0	29.0	29.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	1.6	2.3	1.6	2.3	SW	SW	19.4	1.4	0.8	0.8	26.0	30.0
4	25.0	27.0	27.0	31.0	28.0	28.0	26.0	27.0	85.0	92.0	1.8	1.0	1.8	1.0	SW	SW	48.8	0.6	1.6	1.6	26.0	31.0
5	26.0	28.0	28.0	27.0	26.0	27.0	25.0	26.0	92.0	92.0	3.0	5.0	3.0	5.0	SW	NE	4.6	0.6	0.4	0.4	26.0	28.0
6	25.0	28.0	28.0	27.0	26.0	27.0	25.0	26.0	92.0	92.0	4.3	5.7	4.3	5.7	SW	NE	9.4	1.0	1.0	1.0	25.0	28.0
7	25.0	27.0	27.0	30.0	26.0	29.0	25.0	27.0	92.0	85.0	2.6	6.3	2.6	6.3	SW	NE	-	1.5	1.0	1.0	26.0	30.0
8	25.0	29.0	29.0	28.0	28.0	28.0	27.0	28.0	92.0	92.0	3.6	5.3	3.6	5.3	SW	NE	7.4	0.6	0.4	0.4	26.0	30.0
9	25.0	30.0	30.0	30.0	28.0	28.0	25.0	27.0	92.0	92.0	2.7	2.5	2.7	2.5	SW	NE	17.6	1.0	0.6	0.6	25.0	29.0
10	25.0	25.0	25.0	30.0	28.0	28.0	25.0	27.0	92.0	92.0	2.8	4.8	2.8	4.8	SW	NE	6.0	1.8	1.0	1.0	26.0	30.0
11	25.0	25.0	25.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	4.6	5.6	4.6	5.6	SW	SE	6.8	2.0	1.0	1.0	26.0	28.0
12	25.0	25.0	25.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	4.8	5.8	4.8	5.8	SW	SE	-	1.6	1.0	1.0	27.0	28.0
13	26.0	27.0	27.0	31.0	28.0	28.0	26.0	27.0	92.0	92.0	4.4	5.2	4.4	5.2	SW	NE	3.4	1.2	1.0	1.0	27.0	28.0
14	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	3.2	5.4	3.2	5.4	SW	NE	24.2	3.0	2.0	2.0	27.0	28.0
15	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	3.8	5.6	3.8	5.6	SW	NE	6.0	2.0	1.0	1.0	27.0	28.0
16	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	3.4	6.9	3.4	6.9	SW	NE	19.0	2.2	1.2	1.2	26.0	27.0
17	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	0.8	0.8	0.8	0.8	SW	NE	0.8	1.0	1.0	1.0	26.0	27.0
18	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	3.5	5.6	3.5	5.6	SW	NE	-	2.0	1.5	1.5	26.0	28.0
19	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.7	4.1	0.7	4.1	SW	NE	-	1.5	2.0	2.0	26.0	28.0
20	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	2.8	5.2	2.8	5.2	SW	NE	-	2.0	1.0	1.0	26.0	29.0
21	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	1.0	4.5	1.0	4.5	SW	NE	0.8	2.0	1.2	1.2	26.0	28.0
22	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.6	3.5	0.6	3.5	SW	NE	11.0	0.8	0.8	0.8	26.0	28.0
23	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.5	1.9	0.5	1.9	SW	NE	13.8	1.5	2.0	2.0	27.0	29.0
24	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.1	1.5	0.1	1.5	SW	NE	-	2.0	0.6	0.6	27.0	29.0
25	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	1.0	2.2	1.0	2.2	SW	NE	1.6	0.6	1.0	1.0	27.0	29.0
26	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	1.2	2.3	1.2	2.3	SW	NW	6.8	0.8	1.0	1.0	27.0	29.0
27	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	86.5	92.0	0.6	2.0	0.6	2.0	SW	SW	-	2.0	2.0	2.0	28.0	34.0
28	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.1	1.7	0.1	1.7	NE	SW	-	2.0	2.0	2.0	29.0	34.0
29	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	0.8	1.9	0.8	1.9	NE	SW	-	2.0	2.0	2.0	29.0	34.0
30	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	1.3	1.3	1.3	1.3	NE	SW	3.0	2.0	2.0	2.0	29.0	34.0
31	25.0	27.0	27.0	30.0	27.0	28.0	26.0	27.0	85.0	92.0	7.5	118.5	7.5	118.5	NE	NE	225.0	101.0	43.1	37.3	825.0	913.0
Total	803.0	819.0	918.0	957.0	846.0	917.0	811.0	863.0	2899.0	2692.5	2.4	3.9	2.4	3.9	-	-	7.3	3.3	-	-	26.6	29.5
Average	25.9	26.4	29.6	30.9	27.3	29.6	26.2	27.8	90.6	86.9	0.0	0.0	0.0	0.0	-	-	5.3	3.3	80.4	-	26.6	29.5
	26.2	30.2	28.4	28.4	27.0	27.0	27.0	27.0	88.7	88.7	3.2	3.2	3.2	3.2	-	-	5.3	3.3	80.4	-	26.6	29.5

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Bammidhi
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	29.0	33.0	33.0	33.0	30.0	30.0	28.0	29.0	85.0	85.0	2.1	2.1	2.1	2.1	SW	SW	-	-	2.0	2.0	30.0	30.0
1	28.0	29.0	29.0	30.0	28.0	30.0	27.0	29.0	92.0	85.0	1.3	2.0	1.3	2.0	SW	SE	-	-	2.0	1.0	29.0	30.0
2	28.0	27.0	30.0	32.0	27.0	30.0	26.0	29.0	92.0	93.0	12.0	2.7	12.0	2.7	SW	SE	-	-	1.5	2.0	28.0	30.0
3	28.0	26.0	30.0	30.0	27.0	28.0	26.0	27.0	92.0	92.0	4.7	0.4	4.7	0.4	NE	SW	1.4	1.2	0.6	0.6	29.0	32.0
4	26.0	27.0	31.0	30.0	27.0	28.0	26.0	28.0	92.0	92.0	2.3	3.3	2.3	3.3	NW	SW	8.6	-	0.6	0.2	27.0	28.0
5	26.0	27.0	30.0	28.0	27.0	28.0	27.0	26.0	92.0	92.0	2.2	3.0	2.2	3.0	SE	NW	-	-	1.0	2.0	28.0	28.0
6	25.0	28.0	30.0	30.0	28.0	30.0	26.0	29.0	92.0	85.0	1.6	3.2	1.6	3.2	SW	NW	-	-	1.0	1.0	27.0	29.0
7	26.0	28.0	30.0	30.0	28.0	28.0	26.0	28.0	92.0	92.0	1.6	3.8	1.6	3.8	SE	NE	2.0	1.4	0.2	1.0	26.0	28.0
8	26.0	26.0	30.0	28.0	28.0	29.0	27.0	28.0	92.0	85.5	2.0	3.4	2.0	3.4	SW	NE	4.8	-	0.8	0.4	28.0	29.0
9	26.0	27.0	30.0	33.0	28.0	31.0	27.0	28.0	85.0	85.0	1.3	1.4	1.3	1.4	NE	SW	11.0	9.0	-	0.5	27.0	28.0
10	27.0	28.0	30.0	31.0	29.0	30.0	28.0	30.0	92.0	92.0	1.2	4.4	1.2	4.4	SW	SW	8.8	-	18.0	2.0	27.0	29.0
11	27.0	26.0	30.0	31.0	28.0	31.0	28.0	28.0	85.0	93.0	1.3	2.3	1.3	2.3	NE	NW	2.8	-	1.8	1.5	28.0	29.0
12	27.0	28.0	30.0	33.0	29.0	30.0	27.0	28.0	85.0	92.0	0.6	0.4	0.6	0.4	SW	SE	11.4	-	0.4	1.0	26.0	27.0
13	26.0	26.0	30.0	31.0	28.0	29.0	28.0	27.0	92.0	92.0	2.0	3.2	2.0	3.2	SW	SE	0.6	3.6	1.0	1.0	27.0	28.0
14	26.0	27.0	28.0	28.0	27.0	28.0	26.0	27.0	92.0	85.0	1.2	2.4	1.2	2.4	SW	NW	0.8	-	2.0	0.6	28.0	29.0
15	27.0	30.0	33.0	31.0	28.0	30.0	28.0	30.0	92.0	79.0	1.1	2.3	1.1	2.3	SE	NE	0.6	-	4.0	0.6	28.0	27.0
16	27.0	28.0	35.0	37.0	28.0	29.0	28.0	29.0	93.0	79.0	1.0	2.1	1.0	2.1	SW	NW	-	-	1.0	2.0	26.0	27.0
17	30.0	30.0	36.0	37.0	28.0	30.0	28.0	30.0	93.0	82.0	0.8	2.0	0.8	2.0	SE	NW	-	-	3.0	3.0	27.0	26.0
18	28.0	30.0	36.0	37.0	29.0	30.0	27.0	30.0	81.0	86.0	0.6	2.5	0.6	2.5	SW	SE	-	-	1.0	2.0	28.0	27.0
19	28.0	29.0	36.0	32.0	35.0	29.0	26.0	29.0	93.0	86.0	0.4	10.9	0.4	10.9	NW	SE	3.0	-	1.0	2.0	26.0	28.0
20	27.0	26.0	32.0	34.0	33.0	29.0	28.0	29.0	92.0	85.0	1.5	0.8	1.5	0.8	SE	NE	5.4	-	1.0	0.5	25.0	26.0
21	25.0	26.0	32.0	38.0	33.0	31.0	27.0	29.0	92.0	82.0	1.5	0.2	1.5	0.2	SW	SE	-	2.0	1.5	0.6	25.0	28.0
22	27.0	28.0	32.0	35.0	30.0	30.0	28.0	26.0	85.0	86.0	0.5	3.2	0.5	3.2	NE	SE	-	4.6	1.0	1.0	28.0	29.0
23	27.0	26.0	33.0	35.0	31.0	27.0	26.0	27.0	92.0	92.0	1.3	3.4	1.3	3.4	SW	NE	-	-	1.0	1.0	28.0	27.0
24	26.0	28.0	32.0	32.0	29.0	29.0	26.0	27.0	92.0	92.0	1.5	2.8	1.5	2.8	NE	SE	-	-	1.2	1.0	28.0	27.0
25	27.0	26.0	32.0	31.0	29.0	28.0	26.0	28.0	92.0	93.0	1.0	2.1	1.0	2.1	SW	SE	-	-	0.4	0.6	29.0	27.0
26	26.0	29.0	31.0	30.0	30.0	31.0	26.0	30.0	92.0	85.0	1.1	2.1	1.1	2.1	SW	NW	20.2	3.6	0.4	0.4	27.0	28.0
27	29.0	26.0	30.0	28.0	33.0	31.0	25.0	29.0	92.0	93.0	0.6	2.3	0.6	2.3	SE	SW	18.4	6.4	1.0	1.0	27.0	28.0
28	26.0	27.0	29.0	30.0	33.0	35.0	26.0	28.0	92.0	93.5	1.0	1.4	1.0	1.4	SW	NW	2.4	-	0.4	0.5	27.0	29.0
29	27.0	26.0	30.0	31.0	30.0	30.0	26.0	30.0	92.0	92.0	19.0	1.6	19.0	1.6	SW	NW	-	-	1.0	1.0	28.0	29.0
30	26.0	30.0	30.0	30.0	27.0	27.0	26.0	26.0	92.0	1.5	1.5	1.5	1.5	1.5	SE	SE	35.4	-	0.4	0.4	25.0	25.0
Total	805.0	821.0	935.0	959.0	886.0	886.0	802.0	851.0	2646.0	2646.0	69.5	77.7	69.5	77.7			137.6	40.4	50.0	34.0	817.0	847.0
Average	26.8	27.4	31.2	32.0	29.3	29.3	26.7	28.4	90.8	88.2	2.3	2.6	2.3	2.6			4.6	1.3			27.2	28.2
	27.1	31.6	29.4	27.6	89.5	89.5	0.0	0.0	2.5	2.5							3.0		84.0		27.7	

200

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	27.0	27.0	31.0	32.0	27.0	31.0	26.0	29.0	92.0	85.5	..	..	1.2	2.5	NE	SW	..	..	2.0	0.4	26.0	27.0
2	27.0	27.0	31.0	33.0	27.0	31.0	26.0	30.0	92.0	93.5	..	..	1.0	2.9	NE	SW	..	..	1.0	1.0	26.0	27.0
3	27.0	28.0	32.0	35.0	28.0	32.0	26.0	30.0	85.0	86.0	..	..	0.4	2.1	NE	NW	..	..	1.0	1.0	26.0	27.0
4	28.0	29.0	32.0	33.0	28.0	31.0	27.0	29.0	85.0	85.5	..	..	1.0	3.8	NE	NE	..	..	1.5	1.5	27.0	29.0
5	28.0	28.0	32.0	34.0	28.0	33.0	27.0	30.0	92.0	79.5	..	..	0.5	3.1	NW	SE	..	..	1.5	2.0	27.0	29.0
6	28.0	28.0	34.0	34.0	32.0	27.0	30.0	26.0	86.0	92.0	..	..	0.6	1.5	SW	SE	..	..	1.0	0.2	28.0	27.0
7	27.0	26.0	34.0	28.0	27.0	30.0	26.0	26.0	92.0	92.0	..	..	0.4	2.0	SW	SW	1.8	..	0.3	0.8	27.0	26.0
8	27.0	26.0	31.0	29.0	27.0	30.0	26.0	28.0	92.0	85.0	..	..	0.3	1.5	NE	SW	..	..	1.0	1.5	26.0	27.0
9	28.0	27.0	29.0	29.0	28.0	29.0	27.0	28.0	92.0	92.0	..	..	1.0	3.6	NE	SW	..	..	1.5	1.0	26.0	27.0
10	27.0	27.0	29.0	29.0	27.0	29.0	26.0	27.0	92.0	85.0	..	..	0.7	1.0	NE	SW	..	..	1.0	1.5	26.0	27.0
11	26.0	27.0	28.0	29.0	28.0	30.0	27.0	28.0	92.0	85.0	..	..	1.1	1.9	NE	SW	..	..	1.0	1.5	26.0	27.5
12	26.0	25.0	28.0	33.0	27.0	30.0	26.0	27.0	92.0	85.0	..	..	1.7	4.1	NW	SE	..	..	1.0	1.0	26.0	28.0
13	25.0	25.0	28.0	33.0	26.0	30.0	25.0	26.0	92.0	72.0	..	..	0.4	2.7	NE	SE	..	..	1.5	1.5	26.0	28.0
14	25.0	24.0	29.0	33.0	26.0	31.0	25.0	26.0	92.0	66.0	..	..	0.3	1.5	NW	SE	..	..	2.0	1.0	26.0	28.0
15	23.0	25.0	33.0	33.0	26.0	30.0	24.0	26.0	84.0	72.0	..	..	0.3	0.3	NW	SE	..	..	2.0	2.0	26.0	28.0
16	23.0	25.0	33.0	30.0	24.0	24.0	23.0	23.0	91.0	91.0	..	..	1.4	1.8	NW	SE	..	..	2.0	1.0	26.0	27.0
17	23.0	27.0	31.0	32.0	25.0	29.0	24.0	27.0	92.0	85.0	..	..	0.1	2.1	NW	SE	..	..	1.5	2.0	26.0	28.0
18	24.0	29.0	31.0	32.0	24.0	26.0	24.0	26.0	91.0	92.0	..	..	0.1	2.7	NW	SE	..	..	2.0	2.0	26.0	28.0
19	23.0	28.0	33.0	33.0	27.0	30.0	24.0	26.0	77.0	72.0	..	..	0.2	1.9	NW	SE	..	..	2.0	2.0	26.0	28.0
20	22.0	26.0	33.0	32.0	25.0	29.0	24.0	25.0	92.0	71.0	..	..	0.2	1.6	NW	SE	..	..	2.0	2.0	25.0	28.0
21	22.0	23.0	30.0	31.0	26.0	31.0	23.0	25.0	76.0	66.0	..	..	0.2	1.7	NW	SE	..	..	1.0	1.0	23.0	26.0
22	22.0	28.0	31.0	32.0	26.0	29.0	24.0	25.0	84.0	71.0	..	..	0.1	2.0	NW	SE	..	..	1.0	1.0	24.0	27.0
23	22.0	22.0	31.0	31.0	23.0	27.0	21.0	24.0	83.0	77.0	..	..	0.2	3.3	NW	SE	..	..	1.0	1.0	24.0	24.0
24	22.0	22.0	31.0	32.0	25.0	30.0	22.0	26.0	76.0	72.0	..	..	0.1	1.9	NW	SE	..	..	1.0	1.0	22.0	25.0
25	22.0	23.0	31.0	33.0	23.0	28.0	21.0	25.0	83.0	77.0	..	..	0.2	2.8	NW	SE	..	..	1.0	1.0	23.0	25.0
26	22.0	23.0	31.0	33.0	23.0	27.0	21.0	24.0	83.0	77.0	..	..	0.4	0.5	NW	SE	..	..	1.0	1.0	23.0	25.0
27	22.0	24.0	31.0	33.0	23.0	25.0	22.0	23.0	91.0	84.0	..	..	1.7	2.4	NW	SE	..	..	1.0	1.0	23.0	26.0
28	22.0	25.0	32.0	31.0	24.0	31.0	22.0	28.0	83.0	78.5	..	..	1.0	2.7	NW	SE	..	..	1.0	1.0	23.5	26.0
29	23.0	23.0	32.0	31.0	26.0	30.0	23.0	27.0	76.0	78.0	..	..	0.4	2.3	NE	SW	..	..	1.0	1.0	24.0	25.0
30	23.0	27.0	30.0	31.0	26.0	29.0	24.0	27.0	84.0	85.0	..	..	0.2	1.8	NE	SW	..	..	1.0	1.0	24.0	26.0
31	22.0	27.0	30.0	30.0	25.0	25.0	23.0	23.0	84.0	..	..	..	0.1	..	NE	..	..	..	1.0	1.0	23.5	..
Total	758.0	801.0	962.0	985.0	808.0	906.0	760.0	827.0	2698.0	2524.5	..	..	17.0	68.5	..	..	1.8	25.4	39.8	37.4	781.0	834.5
Average	24.5	25.8	31.0	31.8	26.1	29.2	24.5	26.7	87.0	81.4	..	..	0.5	2.2	..	..	0.1	0.8	..	..	25.2	26.9
	25.1	31.4	27.6	27.6	25.6	25.6	25.6	25.6	84.2	..	0.0	..	1.4	..	..	..	0.4	..	77.2	..	26.1	..

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPaPM	26.0	31.0	30.0	32.0	24.0	30.0	22.0	26.0	83.0	72.0	0.1	0.2	1.5	2.5	NE	SW	-	-	1.0	1.0	25.0	25.0
1	22.0	25.0	30.0	32.0	24.0	29.0	22.0	25.0	83.0	71.0	0.1	0.1	0.4	2.0	NE	NE	-	-	1.0	1.0	23.0	26.0
2	22.0	25.0	30.0	32.0	24.0	29.0	22.0	25.0	83.0	71.0	0.1	0.1	0.4	2.0	NE	NE	-	-	1.0	1.0	23.0	25.0
3	22.0	23.0	30.0	31.0	24.0	30.0	23.0	26.0	91.0	72.0	-	0.1	0.1	0.8	NE	NE	-	-	1.0	1.0	23.5	26.0
4	23.0	24.0	30.0	33.0	24.0	29.0	23.0	27.0	91.0	85.0	-	-	0.1	2.9	NE	NE	-	-	1.0	1.5	23.5	27.0
5	25.0	25.0	30.0	32.0	25.0	30.0	23.0	26.0	84.0	72.0	-	-	0.5	2.0	NE	NE	-	-	1.0	1.0	24.0	26.0
6	23.0	26.0	30.0	31.0	24.0	29.0	22.0	24.0	83.0	64.0	0.1	-	0.5	4.2	NE	NW	-	-	1.0	1.0	24.0	25.0
7	19.0	20.0	29.0	30.0	20.0	28.0	18.0	23.0	81.0	64.0	0.1	-	0.1	3.1	NW	NW	-	-	1.0	1.5	21.0	23.0
8	19.0	20.0	29.0	30.0	19.0	28.0	18.0	22.0	90.0	57.0	0.1	-	0.2	2.6	NW	NW	-	-	1.0	1.5	21.0	23.5
9	18.0	18.0	29.0	29.0	18.0	27.0	17.0	23.0	90.0	70.0	-	-	0.1	2.0	NW	NW	-	-	1.0	1.0	20.0	22.0
10	17.0	19.0	28.0	28.0	18.0	27.0	17.0	22.0	90.0	63.0	-	-	0.0	3.0	NW	NW	-	-	1.0	1.0	20.0	21.0
11	18.0	19.0	27.0	28.0	18.0	27.0	17.0	22.0	90.0	63.0	-	-	0.0	1.7	NW	NE	-	-	1.0	1.0	20.0	23.0
12	18.0	19.0	27.0	28.0	19.0	27.0	18.0	23.0	90.0	70.0	0.1	-	0.1	1.2	NW	NE	-	-	1.0	1.0	20.0	22.0
13	19.0	20.0	27.0	29.0	20.0	28.0	19.0	23.0	91.0	64.0	-	-	0.1	1.3	SE	SE	-	-	1.0	1.0	21.0	22.0
14	20.0	20.0	28.0	29.0	20.0	28.0	19.0	24.0	91.0	70.0	-	-	0.1	1.3	SE	NW	-	-	1.0	1.0	21.0	22.0
15	20.0	21.0	29.0	29.0	20.0	28.0	19.0	24.0	91.0	70.0	-	-	0.2	2.5	NW	NE	-	-	1.0	1.0	21.0	22.0
16	19.0	23.0	29.0	29.0	22.0	26.0	20.0	23.0	82.0	76.0	-	-	1.3	1.6	NW	NE	-	-	1.0	1.0	21.0	22.0
17	18.0	22.0	27.0	29.0	21.0	26.0	20.0	22.0	91.0	69.0	-	-	0.2	1.3	NE	NE	-	-	1.0	1.0	21.0	23.0
18	17.0	18.0	28.0	28.0	18.0	28.0	17.0	22.0	90.0	57.0	-	-	0.1	3.7	NE	NE	-	-	1.0	1.0	21.0	22.0
19	16.0	22.0	28.0	28.0	18.0	27.0	17.0	22.0	90.0	63.0	-	0.1	0.0	1.5	NE	NE	-	-	1.0	1.0	20.0	22.0
20	12.0	15.0	25.0	28.0	14.0	27.0	12.0	22.0	78.0	63.0	-	-	0.5	0.6	NW	NW	-	-	1.0	1.0	20.0	21.0
21	16.0	17.0	27.0	29.0	20.0	28.0	18.0	21.0	81.0	51.0	-	-	0.1	1.0	NW	NW	-	-	1.0	1.0	17.0	18.0
22	17.0	18.0	28.0	28.0	19.0	27.0	18.0	22.0	90.0	63.0	-	-	0.9	3.1	NW	NW	-	-	1.0	1.0	18.0	19.0
23	16.0	18.0	29.0	28.0	18.0	27.0	17.0	22.0	90.0	63.0	-	-	0.0	1.4	NE	NE	-	-	1.0	1.0	17.0	18.0
24	16.0	18.0	28.0	30.0	20.0	22.0	18.0	19.0	81.0	91.0	-	-	-	0.0	NE	NE	-	-	1.0	1.0	17.0	18.0
25	16.0	16.0	28.0	28.0	19.0	28.0	18.0	23.0	90.0	64.0	-	-	0.7	3.5	NE	NW	-	-	1.0	1.0	17.0	19.0
26	16.0	18.0	28.0	30.0	18.0	28.0	17.0	22.0	90.0	57.0	-	-	0.0	1.9	NE	NW	-	-	1.0	1.0	17.5	16.0
27	17.0	20.0	29.0	29.0	19.0	28.0	18.0	22.0	90.0	57.0	-	-	0.0	3.1	NW	NW	-	-	1.0	1.0	16.5	19.5
28	16.0	17.0	28.0	29.0	17.0	28.0	16.0	21.0	90.0	51.0	-	-	0.0	2.0	NW	NE	-	-	1.0	1.0	18.0	19.0
29	16.0	18.0	28.0	29.0	18.0	28.0	17.0	21.0	90.0	51.0	-	-	0.1	1.2	NE	NW	-	-	1.0	1.0	17.0	19.0
30	16.0	18.0	28.0	28.0	18.0	28.0	17.0	21.0	90.0	51.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.0	17.5	17.5
Total	549.0	610.0	851.0	884.0	596.0	833.0	557.0	689.0	2632.0	1968.0	0.6	0.5*	7.6	60.2			0.0	0.0	30.0	32.0	601.5	656.0
Average	18.3	20.3	28.4	29.5	19.9	27.8	18.6	23.0	87.7	65.6	0.0	0.0*	0.3	2.0			0.0	0.0			20.1	21.9
	19.3		28.9		23.8		20.8		76.7		0.0*		1.1				0.0		62.0		21.0	

Twice Daily Climatic Data

Station Code : EMM00B3
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 - N.A.

DECEMBER 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30																				
LPQPM	17.0		28.0		27.0		22.0		63.0				1.1		NW				1.5			
1	16.0	17.0	28.0	29.0	18.0	26.0	17.0	22.0	90.0	69.0			0.8	0.8	NW	SE			1.0	1.0	17.0	20.0
2	16.0	17.0	28.0	29.0	18.0	25.0	17.0	21.0	90.0	68.0			0.1	0.9	NW	SE			1.0	1.0	17.5	16.0
3	17.0	18.0	29.0	30.0	20.0	26.0	18.0	21.0	81.0	62.0			0.1	1.7	NE	SW			1.0	1.0	17.0	18.0
4	17.0	18.5	29.0	30.0	18.0	25.0	18.0	20.0	90.0	61.0			0.3	1.4	NE	SW			1.0	1.0	16.5	18.0
5	16.5	18.0	28.0	29.0	18.0	24.0	17.0	19.0	90.0	60.0			0.4	1.2	NE	SW			1.0	1.0	16.0	17.5
6	16.5	17.5	28.0	29.0	18.0	23.0	17.0	18.0	90.0	59.0			0.1	1.3	NE	SW			1.0	1.0	16.0	18.0
7	16.0	20.0	27.0	31.0	17.0	26.0	16.0	22.0	90.0	69.0			0.1	0.9	NE	SW			1.0	1.5	16.0	21.5
8	17.0	17.0	26.0	27.0	17.0	26.0	16.0	23.0	90.0	76.0			0.0	0.6	NE	SW			1.0	1.0	16.5	21.5
9	17.0	18.0	26.0	26.0	17.0	25.0	16.0	21.0	90.0	68.0			0.2	1.9	NE	SW			1.0	1.0	16.0	20.5
10	16.0	17.0	24.0	29.0	16.0	27.0	15.0	23.0	89.0	70.0			0.2	1.1	NE	SW			1.0	1.0	15.0	21.0
11	13.0	13.0	26.0	31.0	15.0	30.0	14.0	24.0	89.0	59.0			0.0	1.1	NE	SE			1.0	1.0	14.0	22.0
12	14.0	13.0	26.0	31.0	15.0	29.0	14.0	23.0	89.0	58.0			0.0	1.7	NE	SE			1.0	1.0	15.0	22.5
13	13.0	14.0	30.0	30.0	15.0	28.0	14.0	21.0	89.0	51.0			0.0	2.5	NW	SE			1.0	1.0	15.0	22.0
14	12.0	13.0	29.0	30.0	14.0	28.0	12.0	21.0	78.0	51.0			0.1	1.5	NW	SE			1.0	1.0	14.0	21.0
15	12.0	12.0	28.0	29.0	13.0	26.0	12.0	20.0	88.0	55.0			0.1	2.1	NE	SE			1.0	1.0	14.0	20.5
16	11.0	12.0	27.0	28.0	18.0	26.0	16.0	20.0	80.0	55.0			0.1	2.1	NW	SE			1.0	1.0	12.0	20.0
17	11.0	11.0	22.0	23.0	15.0	26.0	13.0	20.0	78.0	55.0			0.1	3.0	NW	SE			1.0	1.0	11.5	19.5
18	10.0	18.0	22.0	22.0	18.0	26.0	14.0	19.0	62.0	49.0	0.2		0.4	2.1	NE	SE			1.0	1.0	10.5	19.0
19	9.0	9.0	27.0	27.0	13.0	27.0	12.0	19.0	88.0	44.0			0.1	3.0	NW	SE			1.0	1.0	10.0	19.5
20	8.0	10.0	27.0	29.0	10.0	27.0	9.0	20.0	87.0	50.0			0.0	0.0	NW	NE			1.0	1.0	10.0	19.5
21	8.0	14.0	29.0	30.0	15.0	28.0	13.0	19.0	78.0	39.0		0.2	1.7	2.7	SW	SE			1.0	2.0	10.0	19.5
22	7.0	9.0	28.0	29.0	10.0	26.0	9.0	19.0	87.0	49.0		0.2	0.1	2.4	NW	SE			1.0	1.0	9.0	19.0
23	9.0	11.0	27.0	27.0	11.0	25.0	10.0	18.0	87.0	47.0		0.2	0.1	2.3	NW	SE			1.0	1.0	10.0	18.0
24	9.0	11.0	26.0	28.0	12.0	25.0	11.0	19.0	88.0	54.0			0.0	0.9	NW	SE			1.0	1.0	10.0	18.0
25	10.0	12.0	28.0	29.0	13.0	24.0	12.0	19.0	88.0	60.0			0.0	0.3	NW	SE			1.0	1.0	11.0	18.0
26	12.0	15.0	30.0	29.0	17.0	26.0	15.0	18.0	80.0	42.0			0.4	3.7	NW	SE			1.0	1.0	12.0	20.0
27	8.0	11.0	27.0	29.0	12.0	27.0	10.0	17.0	76.0	32.0			0.1	1.2	NW	SE			1.0	1.0	13.0	19.0
28	9.0	11.0	28.0	29.0	12.0	27.0	11.0	18.0	88.0	38.0			0.0	0.9	NW	SE			1.0	1.0	13.0	19.5
29	10.0	11.0	28.0	29.0	12.0	27.0	11.0	15.0	88.0	21.0			0.0	1.9	SW	SE			1.0	1.0	12.5	20.0
30	9.0	12.0	28.0	30.0	12.0	28.0	11.0	18.0	88.0	33.0			0.1	1.1	NW	SE			1.0	1.0	12.5	20.0
31	11.0		29.0		13.0		12.0		88.0				0.0		NW				1.0		13.0	
Total	380.0	437.0	845.0	886.0	462.0	816.0	422.0	619.0	2654.0	1667.0	0.2	0.6	5.2	49.6			0.0	0.0	31.0	33.0	415.5	608.5
Average	12.3	14.1	27.3	28.6	14.9	26.3	13.6	20.0	85.6	53.8	0.0	0.0	0.2	1.6			0.0	0.0			13.4	19.6
	13.2		27.9		20.6		16.8		69.7		0.0		0.9				0.0		64.0		16.5	

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Barnidhi
Sub-Division : MMSD I, CWC, Raipur
-0.0 .. N.A.

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM	12.0	13.0	30.0	30.0	29.0	29.0	19.0	19.0	35.0	35.0	-	-	1.1	1.1	SE	SE	-	-	1.0	1.0	20.5	20.5
1	12.0	15.0	28.0	30.0	13.0	25.0	12.0	21.0	88.0	46.0	-	-	0.0	1.0	NW	SE	-	-	1.0	1.0	13.5	21.0
2	12.0	15.0	28.0	30.0	13.0	25.0	12.0	20.0	88.0	61.0	2.0	2.0	0.1	1.1	NW	SE	-	-	1.0	1.0	13.0	21.5
3	15.0	18.0	27.0	27.0	18.0	24.0	16.0	18.0	80.0	53.0	2.0	6.0	1.0	1.7	NW	SE	7.4	-	1.4	1.0	14.0	21.0
4	12.0	13.0	25.0	27.0	14.0	26.0	13.0	18.0	89.0	42.0	2.0	-	0.8	1.5	NW	SE	-	-	1.0	1.0	13.0	20.5
5	11.0	13.0	26.0	29.0	13.0	28.0	12.0	18.0	88.0	33.0	-	-	0.0	1.1	NW	SE	-	-	1.0	1.5	13.0	20.0
6	11.0	11.0	27.0	30.0	12.0	28.0	11.0	18.0	88.0	33.0	-	-	0.1	1.2	NW	SE	-	-	1.0	1.5	13.0	21.0
7	11.0	13.0	28.0	30.0	13.0	27.0	12.0	18.0	88.0	38.0	-	-	-	1.1	NW	SE	-	-	1.0	1.5	13.0	21.0
8	12.0	16.0	29.0	30.0	14.0	29.0	13.0	20.0	89.0	40.0	-	-	0.1	0.9	NW	SE	-	-	1.0	1.5	13.0	21.0
9	12.0	13.0	29.0	30.0	13.0	27.0	12.0	19.0	88.0	44.0	-	-	0.0	1.0	NW	SE	-	-	1.0	1.5	14.0	22.0
10	15.0	18.0	28.0	26.0	18.0	24.0	16.0	19.0	80.0	60.0	-	-	0.5	0.6	NW	SE	-	-	1.0	1.0	16.0	20.5
11	16.0	16.0	25.0	25.0	16.0	24.0	14.0	17.0	79.0	46.0	-	-	0.5	1.5	NW	SE	-	-	1.0	1.0	16.0	21.0
12	11.0	13.0	24.0	25.0	13.0	24.0	10.0	16.0	66.0	39.0	2.0	-	1.1	2.3	NW	SE	-	-	1.0	1.0	14.0	19.0
13	9.0	9.0	25.0	25.0	11.0	24.0	9.0	14.0	75.0	27.0	-	-	0.5	0.8	NW	SE	-	-	1.0	1.0	13.0	18.5
14	10.0	11.0	25.0	26.0	11.0	25.0	8.0	14.0	63.0	22.0	-	-	0.8	1.5	NW	SE	-	-	1.0	1.5	13.0	19.0
15	9.0	10.0	25.0	28.0	11.0	27.0	9.0	17.0	75.0	32.0	-	-	0.1	1.1	NW	SE	-	-	1.0	1.0	13.0	19.5
16	9.0	10.0	26.0	29.0	10.0	26.0	9.0	16.0	87.0	30.0	-	-	0.0	0.2	NW	SE	-	-	1.0	1.0	13.5	20.0
17	10.0	12.0	28.0	29.0	13.0	26.0	11.0	18.0	77.0	42.0	-	-	0.6	1.0	NW	SE	-	-	1.0	1.0	14.0	20.0
18	13.0	14.0	30.0	31.0	14.0	29.0	13.0	19.0	89.0	35.0	-	-	0.0	0.9	NW	SE	-	-	1.0	1.0	15.0	21.0
19	14.0	14.0	30.0	31.0	15.0	30.0	14.0	20.0	89.0	36.0	-	-	0.8	1.2	NW	SW	-	-	1.0	1.0	15.0	23.0
20	14.0	21.0	30.0	31.0	21.0	29.0	16.0	19.0	57.0	35.0	-	-	0.2	1.3	NW	SW	-	-	1.0	1.0	16.0	23.0
21	15.0	16.0	29.0	32.0	16.0	30.0	15.0	19.0	89.0	31.0	-	-	2.0	0.1	NE	SE	-	-	1.0	1.0	16.0	23.5
22	13.0	15.0	30.0	31.0	17.0	28.0	14.0	18.0	70.0	33.0	2.0	2.0	0.3	2.4	NW	SE	-	-	1.0	1.0	16.0	24.0
23	14.0	15.0	30.0	31.0	14.0	27.0	12.0	17.0	78.0	32.0	-	-	0.7	3.4	NE	SW	-	-	1.0	1.0	13.5	23.0
24	12.0	16.0	30.0	32.0	13.0	29.0	12.0	19.0	88.0	35.0	-	-	0.8	0.2	NW	SE	-	-	1.0	1.5	13.0	24.0
25	12.0	19.0	31.0	31.0	19.0	30.0	16.0	20.0	72.0	36.0	-	-	0.7	1.0	NW	SW	-	-	1.0	1.0	14.0	23.0
26	12.0	15.0	31.0	29.0	15.0	27.0	14.0	20.0	89.0	50.0	-	-	0.0	0.7	NE	SW	-	-	1.0	1.0	14.0	21.5
27	16.0	19.0	27.0	32.0	19.0	30.0	17.0	20.0	81.0	36.0	-	-	2.0	0.0	1.6	NE	-	-	1.0	1.0	16.0	24.0
28	17.0	18.0	31.0	29.0	18.0	28.0	14.0	18.0	62.0	33.0	4.0	4.0	3.8	4.9	NW	SE	-	-	1.0	1.0	15.5	23.0
29	12.0	23.0	29.0	31.0	18.0	28.0	16.0	17.0	45.0	28.0	6.0	-	1.0	2.3	NE	SE	-	-	1.0	1.5	13.0	23.0
30	11.0	18.0	30.0	32.0	19.0	30.0	14.0	18.0	54.0	26.0	2.0	2.0	0.1	1.7	NW	SE	-	-	1.0	2.0	12.5	23.5
31	12.0	32.0	32.0	32.0	17.0	17.0	14.0	14.0	70.0	20.0	2.0	-	0.1	0.1	NW	SE	-	-	1.0	1.0	13.0	-
Total	384.0	459.0	875.0	909.0	461.0	847.0	400.0	564.0	2421.0	1169.0	24.0	18.0	14.8	43.3	-	-	7.4	0.0	31.4	36.5	434.5	666.5
Average	12.4	14.8	28.2	29.3	14.9	27.3	12.9	18.2	78.1	37.7	0.8	0.6	0.5	1.4	-	-	0.2	0.0	-	-	14.0	21.5
	13.6	-	28.8	-	21.1	-	15.5	-	57.9	-	0.7	-	0.9	-	-	-	0.1	-	67.9	-	17.8	-

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Barnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	12.0	15.0	30.0	32.0	16.0	29.0	14.0	19.0	79.0	32.0	-	-	-	1.1	NW	SE	-	-	1.4	1.8	14.0	23.0
2	13.0	16.0	31.0	32.0	17.0	27.0	15.0	20.0	80.0	50.0	-	-	0.0	1.8	NW	SE	-	-	1.2	1.4	14.0	23.5
3	14.0	16.0	28.0	32.0	17.0	28.0	14.0	28.0	70.0	33.0	-	-	0.1	1.8	NW	SE	-	-	1.4	1.6	14.0	23.5
4	12.0	16.0	30.0	33.0	18.0	28.0	13.0	20.0	53.0	45.0	0.1	-	0.0	1.2	NW	SE	-	-	1.0	1.2	13.0	23.5
5	12.0	15.0	30.0	32.0	16.0	27.0	14.0	19.0	79.0	44.0	-	-	0.0	1.5	NW	SE	-	-	1.2	1.4	13.0	23.5
6	12.0	19.0	29.0	34.0	20.0	32.0	16.0	19.0	64.0	24.0	-	-	0.1	0.0	2.4	NW	NE	-	1.2	1.5	14.0	24.0
7	18.0	21.0	33.0	33.0	22.0	31.0	18.0	19.0	66.0	27.5	0.3	0.3	1.5	4.4	NW	SE	-	-	1.2	1.5	16.0	24.5
8	14.0	18.0	32.0	34.0	19.0	32.0	15.0	18.0	63.0	20.0	-	0.2	0.4	1.7	NW	SE	-	-	1.2	1.5	14.0	25.0
9	12.0	17.0	34.0	35.0	18.0	30.0	15.0	19.0	71.0	31.0	-	-	0.1	1.2	NW	SE	-	-	1.0	1.4	14.0	25.0
10	16.0	21.0	33.0	34.0	22.0	32.0	16.0	21.0	50.0	34.0	0.2	-	0.7	1.5	NW	SW	-	-	1.2	1.5	16.0	25.5
11	17.0	20.0	33.0	34.0	20.0	32.0	17.0	21.0	73.0	34.0	-	0.1	0.4	1.8	NE	NW	-	-	1.0	1.6	10.5	25.5
12	17.0	19.0	33.0	25.0	20.0	25.0	17.0	19.0	73.0	54.0	0.2	-	2.4	1.0	NW	SE	1.0	-	1.4	1.0	16.5	18.5
13	14.0	18.0	25.0	33.0	18.0	31.0	17.0	21.0	90.0	40.0	-	-	0.1	1.3	NW	SW	-	-	1.0	1.0	14.0	25.0
14	16.0	18.0	30.0	33.0	19.0	32.0	17.0	21.0	81.0	34.0	-	-	0.0	1.7	NE	SW	-	-	2.0	1.5	15.0	26.0
15	16.0	20.0	31.0	33.0	20.0	32.0	18.0	20.0	81.0	29.0	-	-	0.3	2.0	NW	SE	-	-	1.5	1.5	16.0	26.0
16	15.0	18.0	31.0	33.0	18.0	31.0	14.0	18.0	62.0	22.5	-	-	1.9	0.1	NW	SE	-	-	1.5	2.0	15.0	25.0
17	15.0	17.0	32.0	34.0	17.0	32.0	14.0	19.0	70.0	24.0	-	-	0.1	2.2	NW	SE	-	-	1.5	2.0	15.0	25.0
18	16.0	17.0	33.0	34.0	17.0	33.0	14.0	20.0	70.0	25.5	-	0.2	0.3	2.5	NW	SE	-	-	1.5	2.0	16.0	26.0
19	17.0	20.0	33.0	34.0	21.0	33.0	16.0	20.0	57.0	25.5	0.1	0.1	0.4	5.0	NW	SE	-	-	2.0	2.5	18.0	27.0
20	16.0	20.0	33.0	34.0	18.0	34.0	15.0	19.0	71.0	19.0	-	0.1	0.2	3.3	NW	SE	-	-	2.0	2.5	18.0	27.0
21	16.0	20.0	33.0	35.0	18.0	35.0	16.0	20.0	80.0	20.5	-	0.1	0.2	3.9	NW	NE	-	-	2.0	3.0	18.0	28.0
22	17.0	19.0	34.0	36.0	19.0	34.0	16.0	19.0	72.0	19.0	-	0.3	4.0	0.8	NW	NE	-	-	2.0	3.0	18.0	27.0
23	18.0	20.0	35.0	34.0	20.0	34.0	15.0	17.0	56.0	11.0	-	0.2	0.3	3.2	SW	SE	-	-	2.0	3.0	18.0	27.0
24	17.0	18.0	34.0	34.0	20.0	32.0	18.0	18.0	81.0	20.0	-	0.1	0.5	3.7	NW	SE	-	-	2.5	3.0	19.0	25.5
25	13.0	20.0	33.0	34.0	17.0	34.0	12.0	19.0	52.0	19.0	0.1	-	0.4	3.0	NW	SE	-	-	2.5	3.0	19.0	26.0
26	12.0	13.0	33.0	37.0	14.0	32.0	10.0	17.0	57.0	15.0	-	-	0.9	3.2	NW	SE	-	-	2.5	3.0	20.0	26.0
27	14.0	17.0	34.0	35.0	20.0	33.0	14.0	19.0	48.0	21.5	-	-	0.1	2.9	NW	SE	-	-	2.5	3.0	20.0	26.5
28	13.0		34.0		17.0		13.0		61.0		-	-	0.6		NE		-	-	2.5		20.0	
Total	414.0	507.0	894.0	936.0	518.0	873.0	423.0	547.0	1910.0	809.0	1.0	3.8	15.8	62.6			1.0	0.0	45.9	54.4	448.0	702.0
Average	14.8	18.1	31.9	33.4	18.5	31.2	15.1	19.5	68.2	28.9	0.0	0.1	0.6	2.2			0.0	0.0			16.0	25.1
	16.4		32.7		24.8		17.3		48.6		0.1		1.4				0.0		100.3		20.5	

Twice Daily Climatic Data

Station Code : EMM00B3
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMSD I,CWC,Raipur
- 0.0 .. N.A.

MARCH 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		15.0		35.0		34.0		18.0		15.0		0.2		2.6		SE				3.0		26.0
1	14.0	18.0	34.0	36.0	19.0	32.0	14.0	20.0	54.0	29.0	-	0.1	0.2	2.0	NW	SE	-		2.5	2.5	20.0	27.0
2	15.0	18.0	34.0	37.0	19.0	36.0	16.0	19.0	72.0	14.0	-	0.2	0.1	2.8	NW	NE	-		2.5	3.0	20.0	27.0
3	18.0	18.0	35.0	37.0	20.0	34.0	17.0	20.0	73.0	23.0	0.3	0.2	0.3	4.4	NW	NE	-		2.5	3.0	20.0	27.0
4	20.0	21.0	35.0	36.0	22.0	34.0	18.0	20.0	66.0	23.0	-	0.2	0.2	7.8	NW	NE	-		2.5	3.0	20.5	27.5
5	20.0	24.0	35.0	36.0	25.0	34.0	19.0	20.0	54.0	23.0	-	0.1	0.7	3.4	NW	NE	-		2.5	3.0	18.5	27.5
6	19.0	20.0	34.0	34.0	20.0	32.0	14.0	17.0	48.0	15.0	-	0.2	0.8	3.9	NW	SE	-		2.5	3.0	18.5	26.0
7	17.0	20.0	33.0	35.0	20.0	33.0	14.0	19.0	48.0	21.5	-	0.3	0.4	1.5	NW	SE	-		2.5	3.0	19.0	26.5
8	21.0	22.0	34.0	31.0	22.0	30.0	18.0	22.0	66.0	47.0	0.1	0.2	0.4	1.4	NE	SE	-		2.5	3.0	18.5	25.0
9	21.0	23.0	30.0	30.0	23.0	34.0	20.0	20.0	15.0	23.0	0.1	0.1	0.3	4.0	SW	SE	-	1.4	2.0	3.0	19.0	28.0
10	21.0	23.0	32.0	30.0	24.0	28.0	20.0	23.0	68.0	67.0	0.2	0.2	0.3	1.8	SW	SW	-		1.1	1.5	20.0	23.5
11	20.0	21.0	28.0	31.0	22.0	30.0	17.0	18.0	58.0	26.0	-	-	1.6	9.6	NW	NE	-		2.0	2.0	19.5	26.0
12	20.0	21.0	31.0	32.0	24.0	25.0	15.0	15.0	33.0	28.0	-	0.2	2.3	7.4	NW	SE	-		2.0	2.0	18.0	24.0
13	24.0	25.0	31.0	31.0	24.0	30.0	14.0	15.0	27.0	12.0	-	-	0.4	1.4	NW	SW	-		2.0	2.0	15.0	24.0
14	16.0	20.0	32.0	33.0	17.0	28.0	15.0	18.0	80.0	33.0	-	0.2	0.1	2.9	NE	SW	-		2.5	3.0	16.0	25.0
15	16.0	21.0	32.0	34.0	20.0	31.0	15.0	16.0	56.0	13.5	-	0.1	0.3	2.8	NE	NE	-		2.5	3.0	17.0	26.0
16	16.0	20.0	32.0	35.0	20.0	33.0	14.0	18.0	48.0	16.5	0.1	0.4	0.4	3.0	SW	NE	-		2.5	3.0	17.0	26.0
17	19.0	19.0	33.0	36.0	20.0	33.0	16.0	20.0	67.0	35.0	0.2	0.2	0.1	3.9	NW	NE	-		2.5	3.0	18.0	27.0
18	19.0	21.0	34.0	36.0	22.0	34.0	18.0	17.0	66.0	11.0	-	-	1.1	3.0	NW	SE	-		2.5	3.0	18.0	27.0
19	19.0	24.0	34.0	31.0	22.0	34.0	18.0	19.0	66.0	19.0	-	-	0.2	4.0	NW	SE	-		2.5	3.0	18.5	27.5
20	17.0	21.0	34.0	34.0	22.0	33.0	18.0	19.0	66.0	12.5	-	-	2.6	4.2	SE	SE	-		2.0	3.0	18.5	27.0
21	17.0	23.0	33.0	36.0	24.0	34.0	16.0	19.0	39.0	19.0	-	-	0.4	3.4	NW	SE	-		2.5	3.0	19.0	27.5
22	17.0	22.0	35.0	37.0	24.0	36.0	17.0	19.0	46.0	14.0	-	-	0.1	3.0	NW	SE	-		2.0	3.0	17.5	27.0
23	19.0	26.0	36.0	40.0	23.0	38.0	18.0	21.0	59.0	17.0	-	0.4	0.2	3.2	NW	SE	-		2.5	3.5	18.0	29.5
24	20.0	27.0	39.0	40.0	30.0	38.0	21.0	22.0	42.0	20.0	-	-	0.1	1.1	NW	SE	-		2.0	3.0	20.0	29.0
25	20.0	25.0	36.0	42.0	26.0	40.0	20.0	22.0	55.0	16.0	-	-	0.8	2.5	NW	SE	-		2.5	3.0	20.0	30.5
26	22.0	27.0	38.0	41.0	28.0	39.0	20.0	20.0	45.0	11.5	-	-	0.2	2.8	NW	SE	-		3.0	3.0	21.0	30.0
27	22.0	29.0	41.0	41.0	32.0	39.0	21.0	21.0	37.0	18.5	-	-	0.2	2.7	NW	SE	-		3.0	3.0	21.0	30.0
28	22.0	30.0	39.0	42.0	26.0	40.0	19.0	22.0	49.0	16.0	-	-	0.2	1.5	NW	SE	-		3.0	3.5	22.0	30.0
29	22.0	31.0	39.0	43.0	26.0	41.0	20.0	23.0	55.0	17.5	-	-	2.7	1.7	NW	NE	-		3.0	3.5	23.0	31.0
30	22.0	27.0	40.0	44.0	27.0	41.0	20.0	21.0	50.0	14.5	-	-	1.9	6.1	SW	SE	-		3.0	3.5	23.0	29.5
31	23.0		41.0		26.0		20.0		55.0		-	-	0.3		NW		-		3.0		23.5	
Total	598.0	702.0	1074.0	1116.0	719.0	1058.0	542.0	603.0	1663.0	671.0	1.0	3.5	19.6	105.7			0.0	1.4	75.6	90.0	597.5	844.5
Average	19.3	22.6	34.6	36.0	23.2	34.1	17.5	19.5	53.6	21.6	0.0	0.1	0.6	3.4			0.0	0.0			19.3	27.2
	21.0		35.3		28.7		18.5		37.6		0.1		2.0				0.0		165.6		23.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMM00B3
Local River/Basin : Hasdeo

Station Name : Barnidhi
Sub-Division : MMSD I,CWC,Raipur
-0.0 .. N.A.

APRIL 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		26.0		43.0		41.0		22.0		14.5		2.8		2.8		SE				3.5		30.5
1	23.0	31.0	41.0	43.0	26.0	39.0	20.0	20.0	55.0	11.5	0.4	4.4	NE	NE	NE	NE			3.0	3.5	23.0	30.0
2	25.0	30.0	41.0	43.0	28.0	40.0	20.0	24.0	45.0	23.0	0.4	4.8	SE	SE	NE	NE			3.0	3.4	23.5	31.0
3	25.0	29.0	41.0	43.0	26.0	40.0	20.0	22.0	55.0	16.0	1.1	5.5	NE	NE	NE	NE			3.0	3.5	23.0	30.0
4	27.0	29.0	41.0	42.0	28.0	41.0	22.0	23.0	57.0	17.5	0.6	6.4	NE	NE	NE	NE			3.0	4.0	24.0	31.0
5	28.0	30.0	42.0	43.0	31.0	40.0	21.0	24.0	37.5	23.0	0.4	5.8	NE	NE	NE	NE			3.5	4.0	24.5	31.5
6	29.0	31.0	41.0	43.0	28.0	41.0	22.0	23.0	57.0	17.5	0.6	5.5	NE	NE	NE	NE			3.5	4.0	24.5	31.5
7	27.0	27.0	42.0	43.0	28.0	40.0	20.0	22.0	45.0	16.0	0.3	4.0	NE	NE	NE	NE			3.5	4.0	24.0	31.0
8	25.0	29.0	42.0	44.0	30.0	41.0	20.0	22.0	36.0	14.5	0.5	3.6	SE	SE	NE	NE			4.0	4.0	24.0	31.5
9	24.0	24.0	40.0	42.0	30.0	40.0	19.0	21.0	31.0	42.0	0.5	4.6	SE	SE	SE	SE			4.0	4.0	22.0	29.0
10	25.0	28.0	41.0	39.0	24.0	37.0	18.0	18.0	53.0	8.5	1.0	6.7	SE	SE	SE	SE			3.5	4.0	21.0	26.5
11	20.0	26.0	38.0	40.0	26.0	39.0	16.0	19.0	30.0	8.5	1.3	4.6	SE	SE	SE	SE			3.5	4.0	21.0	26.5
12	19.0	24.0	40.0	41.0	25.0	40.0	16.0	20.0	35.0	10.0	0.2	4.7	NE	NE	S	S			3.5	4.0	20.0	28.0
13	22.0	28.0	41.0	43.0	25.0	41.0	16.0	21.0	35.0	11.5	0.2	3.8	SE	SE	SE	SE			3.5	4.0	20.0	29.0
14	23.0	29.0	42.0	43.0	31.0	39.0	20.0	22.0	32.5	18.5	0.3	1.8	SW	SW	SW	SW			4.0	4.0	21.0	30.0
15	23.0	28.0	41.0	43.0	29.0	42.0	21.0	22.0	46.0	13.0	0.3	3.9	SE	SE	SE	SE			4.0	4.0	21.0	30.0
16	25.0	30.0	42.0	44.0	28.0	43.0	21.0	23.0	51.0	14.0	0.7	2.1	SW	NE	SE	SE			4.0	4.5	20.5	31.0
17	25.0	30.0	41.0	43.0	29.0	40.0	21.0	23.0	46.0	20.0	0.8	1.9	SW	SW	SW	SW			4.0	4.5	21.0	32.0
18	28.0	30.0	41.0	44.0	32.0	42.0	26.0	25.0	61.0	22.0	0.3	0.9	SW	SW	SW	SW			4.5	5.0	22.0	33.0
19	29.0	33.0	41.0	43.0	32.0	41.0	27.0	28.0	67.0	35.0	1.2	3.1	SE	SE	SE	SE			5.0	5.5	23.0	32.0
20	25.0	30.0	41.0	44.0	29.0	42.0	22.0	21.0	52.0	10.0	0.3	5.8	SE	SE	SE	SE			5.0	5.0	23.5	30.5
21	27.0	28.0	42.0	44.0	29.0	42.0	20.0	23.0	40.0	16.0	0.8	7.2	SE	NE	NE	NE			5.0	5.0	23.5	31.5
22	30.0	29.0	43.0	44.0	34.0	42.0	21.0	22.0	27.0	16.0	1.0	0.8	NE	NE	SE	SE			4.0	6.0	23.0	31.0
23	29.0	29.0	44.0	45.0	37.0	41.0	24.0	22.0	31.0	14.5	0.6	6.0	NE	NE	NE	NE			5.0	6.0	24.0	31.0
24	27.0	29.0	44.0	43.0	29.0	40.0	19.0	23.0	35.0	20.0	2.1	7.3	SE	SE	NE	NE			5.0	6.0	23.5	24.0
25	25.0	31.0	42.0	43.0	31.0	40.0	19.0	23.0	27.5	20.0	2.1	8.0	SW	NE	NE	NE			5.0	6.0	24.0	29.5
26	26.0	30.0	41.0	43.0	31.0	41.0	19.0	22.0	27.5	14.5	1.9	4.6	NE	NE	NE	NE			5.0	6.0	24.0	33.0
27	26.0	38.0	42.0	43.0	28.0	40.0	19.0	25.0	39.0	27.0	0.6	6.7	NE	NE	SE	SE			5.0	6.0	24.0	30.0
28	24.0	32.0	43.0	43.0	34.0	40.0	21.0	21.0	27.0	13.0	0.6	3.2	SE	NE	SE	SE			5.0	6.0	23.0	33.0
29	24.0	28.0	43.0	44.0	29.0	42.0	20.0	22.0	40.0	13.0	0.3	2.5	NE	NE	SE	SE			4.0	5.0	22.0	32.0
30	29.0	43.0	32.0	43.0	32.0	42.0	21.0	21.0	34.0	34.0	1.8	1.8	NE	NE	NE	NE			4.0	4.0	23.0	26.5
Total	764.0	876.0	1247.0	1288.0	879.0	1217.0	611.0	668.0	1255.0	520.5	22.9	133.1				0.0	0.0	0.0	122.0	138.4	680.5	910.5
Average	25.5	29.2	41.6	42.9	29.3	40.6	20.4	22.3	41.8	17.4	0.8	4.4				0.0	0.0	0.0	260.4	260.4	22.7	30.4
	27.3	42.3	34.9	21.3	29.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	26.5	26.5	26.5	26.5

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Twice Daily Climatic Data

Station Code : EMM0083
Local River/Basin : Hasdeo

Station Name : Bamnidhi
Sub-Division : MMMSD I,CWC,Raipur
- 0.0 .. N.A.

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	30.0	33.0	42.0	43.0	32.0	41.0	23.0	23.0	44.0	20.0	..	..	1.8	2.5	NE	NE	..	..	4.0	6.0	24.0	32.5
2	28.0	29.0	40.0	42.0	27.0	40.0	22.0	23.0	63.0	20.0	..	..	0.6	3.7	NW	NE	..	..	5.0	6.0	24.0	32.5
3	28.0	33.0	42.0	43.0	32.0	42.0	22.0	22.0	49.0	13.0	..	..	0.3	3.5	SE	SE	..	..	5.0	6.0	25.0	33.0
4	27.0	33.0	43.0	43.0	33.0	41.0	23.0	23.0	40.0	17.5	..	..	0.3	3.8	SE	NE	..	..	2.0	4.0	25.0	33.0
5	28.0	33.0	42.0	44.0	32.0	42.0	23.0	23.0	44.0	16.0	..	..	0.4	2.9	NE	SW	..	..	5.0	6.0	24.5	34.0
6	30.0	36.0	43.0	44.0	34.0	38.0	25.0	24.0	40.0	28.0	..	..	0.7	1.7	SE	NW	..	..	5.0	6.0	26.0	34.0
7	25.0	29.0	43.0	43.0	30.0	41.0	24.0	25.0	59.0	24.0	..	..	2.4	4.7	NW	NE	..	..	6.0	6.0	23.0	33.5
8	27.0	30.0	42.0	44.0	37.0	41.0	24.0	25.0	45.0	24.0	..	..	1.2	4.6	NE	NE	..	..	6.0	6.0	24.0	34.0
9	30.0	37.0	42.0	43.0	34.0	41.0	25.0	24.0	46.0	21.0	..	..	1.0	3.5	NE	SE	..	..	6.0	7.0	25.0	34.0
10	28.0	31.0	43.0	42.0	32.0	40.0	23.0	24.0	39.0	23.0	..	..	1.0	2.9	SE	SE	..	..	4.2	6.0	25.0	34.0
11	28.0	30.0	42.0	43.0	31.0	33.0	23.0	24.0	48.0	45.0	..	..	0.2	4.5	SE	SE	..	..	4.0	5.0	25.0	31.0
12	25.0	30.0	42.0	42.0	29.0	40.0	24.0	25.0	64.0	27.0	..	..	0.5	2.6	NW	NE	..	..	4.0	0.2	24.0	35.0
13	29.0	33.0	42.0	44.0	32.0	41.0	23.0	25.0	44.0	24.0	..	..	0.2	6.5	NE	NE	..	..	4.0	5.0	25.5	34.0
14	30.0	37.0	42.0	46.0	36.0	43.0	25.0	25.0	38.0	20.0	..	..	1.0	4.9	NE	SW	..	..	4.0	6.0	26.0	34.0
15	30.0	38.0	45.0	47.0	39.0	44.0	24.0	25.0	26.0	15.0	..	..	0.7	4.1	NE	SE	..	..	4.0	6.0	28.0	35.0
16	32.0	36.0	46.0	46.0	35.0	43.0	26.0	24.0	47.0	17.0	..	..	0.6	6.4	SE	SE	..	..	4.0	5.0	27.0	34.0
17	32.0	36.0	44.0	46.0	35.0	43.0	27.0	24.0	52.0	17.0	..	..	0.2	6.1	SW	SE	..	..	4.0	6.0	27.0	34.0
18	32.0	37.0	45.0	46.0	37.0	43.0	27.0	24.0	44.0	53.0	..	..	1.3	4.1	SW	SE	..	..	4.0	5.0	27.5	35.0
19	28.0	31.0	44.0	44.0	31.0	41.0	24.0	24.0	54.0	21.0	..	..	2.0	2.9	NW	SE	..	..	5.0	6.0	25.0	35.0
20	29.0	36.0	40.0	45.0	34.0	43.0	24.0	24.0	41.0	20.0	..	..	1.0	4.6	SW	SE	..	..	3.0	4.0	26.0	35.0
21	30.0	37.0	45.0	45.0	37.0	45.0	25.0	25.0	35.0	17.0	..	..	1.7	3.3	NE	SW	..	..	3.0	5.0	27.0	35.0
22	28.0	33.0	43.0	47.0	33.0	42.0	24.0	23.0	42.0	16.0	..	..	0.5	5.2	NE	SW	..	..	3.0	5.0	25.0	34.0
23	29.0	37.0	44.0	46.0	36.0	42.0	23.0	24.0	30.0	19.0	..	..	0.7	4.6	NE	SE	..	..	3.0	5.0	25.5	34.0
24	29.0	38.0	44.0	46.0	37.0	42.0	25.0	24.0	33.0	19.0	..	..	0.5	4.7	NE	SW	..	..	3.0	5.0	26.0	35.0
25	30.0	34.0	44.0	46.0	33.0	42.0	24.0	24.0	45.0	19.0	..	..	0.5	2.4	SW	NE	..	..	3.0	5.0	26.0	36.0
26	33.0	33.0	44.0	46.0	33.0	41.0	24.0	25.0	45.0	21.0	..	..	0.3	3.1	NE	SW	..	..	2.0	4.0	27.5	36.0
27	28.0	34.0	43.0	44.0	32.0	39.0	24.0	27.0	49.0	37.0	..	..	2.6	3.5	SW	NW	..	..	2.0	4.0	25.5	35.0
28	22.0	31.0	40.0	45.0	31.0	33.0	25.0	21.0	60.0	30.0	..	..	3.4	3.5	SE	SW	..	..	1.0	4.0	23.5	31.0
29	26.0	27.0	34.0	40.0	31.0	28.0	25.0	26.0	85.0	85.0	..	..	0.9	6.3	NE	NE	..	..	5.0	5.2	24.5	30.0
30	32.0	36.0	37.0	41.0	36.0	38.0	25.0	24.0	38.0	28.0	..	..	1.4	4.7	NE	NE	..	..	1.0	4.0	28.0	33.5
31	29.0	40.0	40.0	40.0	31.0	31.0	25.0	25.0	60.0	60.0	..	..	2.5	2.5	NE	NE	..	..	4.0	4.0	26.0	26.0
Total	892.0	1040.0	1293.0	1367.0	1032.0	1251.0	752.0	745.0	1424.0	771.0	..	..	31.9	126.8	..	..	47.0	8.4	120.0	159.4	791.0	1045.5
Average	28.8	33.5	41.7	44.1	33.3	40.4	24.3	24.0	45.9	24.9	..	..	1.0	4.1	..	..	1.5	0.3	..	..	25.5	33.7
	31.2		42.9		36.8		24.1		35.4		0.0		2.6				0.9		279.4		29.6	

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* : One or more data missing LDOpM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 - N.A.

JUNE 2016

JUNE 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	30.0	36.0	40.0	45.0	35.0	41.0	29.0	30.0	63.0	43.0	2.0	1.8	0.3	E	NW	-	-	2.0	3.0	31.0	38.0	
2	30.0	34.0	41.0	44.0	34.0	40.0	28.0	30.0	62.0	47.0	-	1.1	1.6	SE	SW	-	-	2.0	3.2	31.5	38.0	
3	30.0	26.0	42.0	42.0	35.0	27.0	29.0	25.0	63.0	84.0	-	0.8	2.5	SW	SW	7.8	2.2	1.8	31.5	34.0		
4	26.0	30.0	30.0	38.0	30.0	35.0	27.0	28.0	78.0	57.0	-	0.7	2.5	E	SW	8.6	1.6	2.6	29.0	36.0		
5	28.0	31.0	36.0	39.0	32.0	36.0	28.0	28.0	73.0	53.0	2.0	2.2	2.3	S	SE	-	2.0	3.0	29.5	35.0		
6	29.0	33.0	39.0	41.0	32.0	38.0	28.0	30.0	73.0	54.0	-	0.8	1.6	S	S	-	2.0	3.2	30.5	38.5		
7	30.0	33.0	39.0	41.0	33.0	38.0	28.0	30.0	68.0	54.0	-	2.0	1.3	2.2	SW	SE	-	2.2	3.2	31.0	38.0	
8	24.0	31.0	38.0	38.0	31.0	32.0	28.0	26.0	79.0	61.0	-	1.0	1.9	NW	E	36.0	-	2.0	3.2	29.5	35.0	
9	27.0	30.0	37.0	41.0	30.0	37.0	27.0	26.0	78.0	51.0	-	0.6	2.5	NW	NW	-	-	2.0	3.2	29.0	36.0	
10	27.0	31.0	37.0	41.0	31.0	39.0	28.0	28.0	79.0	41.0	-	0.6	2.8	NW	SW	6.2	-	2.0	3.0	30.0	37.0	
11	29.0	32.0	39.0	42.0	32.0	38.0	28.0	29.0	73.0	50.0	-	0.7	2.4	W	NW	-	-	2.0	3.0	30.0	38.0	
12	30.0	40.0	39.0	41.0	31.0	39.0	28.0	30.0	79.0	50.0	2.0	1.4	2.4	SW	SW	-	-	2.0	3.0	31.0	38.0	
13	30.0	34.0	39.0	41.0	31.0	38.0	29.0	30.0	86.0	54.0	2.0	1.0	2.5	W	NW	-	-	2.0	3.0	31.0	37.5	
14	29.0	32.0	39.0	42.0	32.0	40.0	27.0	29.0	67.0	42.0	-	2.0	1.2	2.5	W	S	-	2.0	3.2	30.0	38.0	
15	31.0	35.0	41.0	42.0	35.0	39.0	28.0	29.0	57.0	46.0	-	2.0	0.4	2.3	SSW	NW	-	2.4	3.2	31.0	37.0	
16	29.0	30.0	39.0	39.0	31.0	30.0	28.0	28.0	79.0	85.0	-	2.0	0.3	1.5	NW	NW	-	2.0	2.0	31.0	33.0	
17	27.0	30.0	31.0	38.0	31.0	29.0	27.0	27.0	73.0	85.0	-	0.4	1.2	SW	NW	-	-	2.0	2.8	30.0	37.0	
18	27.0	26.0	38.0	33.0	28.0	30.0	26.0	28.0	85.0	85.0	-	0.1	0.3	SW	SW	1.8	1.8	2.3	29.0	32.0		
19	27.0	29.0	40.0	33.0	31.0	32.0	27.0	28.0	73.0	73.0	2.0	0.5	1.3	E	NE	1.0	-	2.0	2.0	29.0	32.0	
20	27.0	31.0	34.0	35.0	29.0	33.0	27.0	28.0	85.0	68.0	-	0.6	1.0	E	SW	-	-	2.0	2.0	28.0	34.0	
21	29.0	31.0	34.0	33.0	30.0	36.0	27.0	29.0	78.0	58.0	-	0.2	0.7	SW	SW	-	-	2.0	2.0	29.0	33.0	
22	30.0	31.0	36.0	35.0	31.0	33.0	27.0	27.0	73.0	61.0	-	0.2	1.3	SW	S	-	-	2.0	2.0	29.5	34.0	
23	30.0	31.0	35.0	40.0	32.0	37.0	28.0	30.0	73.0	59.0	-	0.2	1.0	SW	SW	-	-	2.0	2.0	30.0	37.0	
24	25.0	26.0	27.0	31.0	26.0	29.0	25.0	27.0	92.0	85.0	2.0	0.7	1.0	S	S	36.0	-	1.0	2.0	27.0	30.0	
25	27.0	28.0	41.0	35.0	31.0	32.0	28.0	29.0	78.0	79.0	-	0.2	1.0	SSW	S	-	-	2.0	2.8	30.0	34.0	
26	28.0	31.0	33.0	36.0	32.0	32.0	29.0	29.0	79.0	79.0	-	0.1	0.7	SSW	SW	-	-	2.0	2.6	30.5	35.0	
27	27.0	29.0	30.0	36.0	33.0	33.0	29.0	29.0	92.0	74.0	-	0.1	0.1	SW	E	-	-	1.8	2.0	30.0	34.0	
28	28.0	30.0	33.0	33.0	30.0	33.0	27.0	29.0	78.0	68.0	-	0.8	1.8	SE	E	-	-	1.8	2.0	30.0	33.0	
29	27.0	30.0	32.0	32.0	32.0	30.0	29.0	28.0	79.0	85.0	-	2.0	1.4	1.8	SE	E	-	0.8	1.8	2.0	30.0	
30	27.0	37.0			30.0		27.0		78.0		-	0.1			SE		-	2.0		29.0		
Total	845.0	901.0	1096.0	1107.0	937.0	1006.0	831.0	824.0	2273.0	1831.0	12.0	14.0	21.6	47.4		89.6	12.4	58.6	75.3	897.5	1022.0	
Average	28.2	31.1	36.5	38.2	31.2	34.7	27.7	28.4	75.8	63.1	0.4	0.5	0.7	1.6		3.0	0.4		29.9	35.2		
	29.6		37.4		33.0		28.1		69.5		0.4	1.2				1.7		133.9		32.6		

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* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Buria
- 0.0 - N.A.

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)	Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																					
1	29.0	31.0	35.0	37.0	31.0	36.0	28.0	29.0	78.5	-	-	0.2	0.2	SE	E	-	-	2.0	2.0	30.0	35.0
2	27.0	28.0	36.0	31.0	28.0	29.0	27.0	27.0	85.0	-	-	0.3	0.8	NW	S	7.2	-	1.2	1.0	26.5	31.0
3	26.0	27.0	29.0	31.0	27.0	28.0	26.0	27.0	92.0	-	2.0	0.1	2.9	NW	S	18.2	-	1.2	1.0	26.5	30.0
4	25.0	25.0	28.0	28.0	25.0	27.0	24.0	26.0	92.0	2.0	-	1.8	3.6	S	S	43.8	-	0.8	1.0	26.0	28.0
5	25.0	25.0	27.0	29.0	25.0	26.0	24.0	25.0	92.0	-	-	1.8	3.3	S	S	4.4	4.4	0.9	0.9	26.0	27.0
6	25.0	26.0	27.0	29.0	25.0	27.0	24.0	26.0	92.0	2.0	-	0.1	6.9	S	S	9.8	0.4	0.8	1.2	25.5	28.0
7	26.0	26.0	28.0	27.0	26.0	26.0	25.0	25.0	92.0	-	-	0.8	0.9	S	S	0.4	0.6	1.4	1.0	27.0	27.0
8	24.0	26.0	26.0	28.0	25.0	28.0	24.0	26.0	91.0	85.0	-	2.0	0.2	S	E	4.0	-	1.0	1.0	26.0	29.5
9	25.0	26.0	27.0	29.0	26.0	28.0	25.0	27.0	92.0	2.0	-	0.1	0.1	SW	SW	-	-	1.0	1.2	27.0	30.5
10	25.0	25.0	29.0	29.0	25.0	28.0	24.0	26.0	92.0	85.0	-	0.1	0.3	SW	SW	1.4	-	1.0	1.4	26.0	30.5
11	26.0	26.0	29.0	27.0	26.0	29.0	25.0	25.0	92.0	78.0	-	0.0	0.1	S	SE	16.6	7.0	1.1	1.0	27.5	29.0
12	25.0	26.0	28.0	27.0	26.0	27.0	25.0	25.0	92.0	84.0	2.0	0.1	0.6	S	SW	1.8	0.8	0.8	0.8	27.0	28.0
13	24.0	25.0	27.0	28.0	25.0	27.0	24.0	26.0	92.0	92.0	-	0.2	0.5	S	S	2.2	-	1.0	1.0	26.0	28.0
14	25.0	26.0	28.0	29.0	27.0	26.0	26.0	25.0	92.0	92.0	-	0.1	0.2	SW	N	-	22.2	1.0	1.2	27.0	29.0
15	25.0	26.0	26.0	30.0	27.0	28.0	26.0	26.0	92.0	85.0	-	0.1	0.4	NW	NW	3.4	-	0.8	1.0	27.0	30.0
16	25.0	25.0	28.0	27.0	25.0	27.0	24.0	26.0	92.0	92.0	-	0.2	0.5	S	SW	7.6	5.8	0.6	0.8	26.0	27.0
17	26.0	25.0	26.0	29.0	25.0	29.0	24.0	28.0	92.0	92.0	-	0.1	1.3	SW	SW	20.6	-	0.6	1.0	25.5	31.5
18	24.0	25.0	29.0	29.0	25.0	28.0	24.0	27.0	92.0	92.0	-	0.3	0.4	SE	W	81.2	-	0.7	1.0	25.5	30.0
19	25.0	25.0	28.0	29.0	25.0	26.0	24.0	25.0	92.0	92.0	-	0.2	1.0	SW	NW	-	-	1.0	1.2	26.0	30.0
20	25.0	25.0	28.0	29.0	27.0	25.0	26.0	24.0	92.0	92.0	-	0.1	0.2	SW	SW	-	42.4	1.0	1.0	27.0	30.0
21	26.0	27.0	28.0	29.0	27.0	28.0	26.0	27.0	92.0	2.0	-	0.3	0.4	NW	NW	1.0	-	1.0	1.2	28.0	30.0
22	27.0	27.0	28.0	29.0	27.0	27.0	26.0	26.0	92.0	92.0	-	0.1	1.1	NW	SW	-	3.4	1.0	0.9	27.5	30.0
23	27.0	27.0	28.0	29.0	27.0	29.0	26.0	28.0	92.0	2.0	-	0.1	0.1	SW	S	-	1.0	1.0	1.0	28.5	31.0
24	28.0	24.0	29.0	29.0	28.0	28.0	26.0	27.0	85.0	92.0	-	0.1	0.3	SW	S	-	2.4	1.0	0.9	28.5	32.0
25	28.0	28.0	29.0	30.0	28.0	29.0	27.0	27.0	92.0	85.0	-	0.1	0.2	S	S	-	-	1.0	2.0	29.0	32.5
26	28.0	27.0	29.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	-	0.1	0.1	S	W	4.8	-	1.2	1.4	28.0	29.5
27	26.0	26.0	28.0	28.0	26.0	27.0	25.0	25.0	92.0	92.0	-	0.0	0.3	SW	SW	38.8	18.6	1.8	1.6	25.5	29.0
28	26.0	26.0	28.0	28.0	26.0	28.0	25.0	27.0	92.0	92.0	-	0.0	0.1	SW	SW	2.2	-	1.2	1.2	28.0	29.5
29	27.0	28.0	28.0	29.0	28.0	28.0	27.0	27.0	92.0	92.0	-	0.1	0.2	S	W	-	-	1.2	1.5	28.5	30.5
30	27.0	28.0	29.0	29.0	28.0	29.0	27.0	28.0	92.0	92.0	-	0.0	0.0	W	S	-	-	1.2	1.4	29.5	32.5
31	27.0	29.0	29.0	27.0	27.0	26.0	26.0	26.0	92.0	92.0	-	0.3	-	NW	NW	13.8	-	1.8	-	28.0	-
Total	804.0	817.0	882.0	910.0	820.0	869.0	786.0	817.0	2830.5	2725.0	12.0	8.0	29.1			283.2	109.0	33.3	36.8	840.0	932.0
Average	25.9	26.4	28.5	29.4	26.5	28.0	25.4	26.4	91.3	87.9	0.4	0.2	0.3	0.9		9.1	3.5			27.1	30.1
	26.1		28.9		27.2		25.9		89.6		0.3	0.6				6.3		70.1		28.6	

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Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Buria
- 0.0 - N.A.

AUGUST 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	27.0	28.0	29.0	28.0	28.0	28.0	26.0	26.0	85.0	85.0	-	-	0.0	0.0	SW	SW	0.4	-	1.4	1.8	29.5	32.0
2	27.0	27.0	28.0	28.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	0.0	0.0	W	W	2.6	0.6	0.6	1.9	26.0	30.0
3	27.0	27.0	28.0	28.0	26.5	27.0	26.0	26.0	92.0	92.0	-	-	0.0	0.0	W	W	10.4	34.8	0.6	0.8	27.0	28.5
4	26.0	26.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.0	0.1	SW	SW	71.4	10.0	0.4	1.0	26.0	29.0
5	27.0	28.0	28.0	29.0	27.0	28.0	26.0	26.0	92.0	85.0	-	-	0.0	0.4	SW	SW	12.2	0.6	1.2	0.6	27.5	30.0
6	27.0	27.0	28.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.1	0.2	SW	S	42.8	67.0	0.8	1.0	26.5	27.0
7	25.0	25.0	27.0	26.0	25.0	25.0	24.0	24.0	92.0	92.0	-	-	0.3	1.5	SE	S	34.2	0.6	1.2	0.6	25.5	26.0
8	25.0	26.0	26.0	29.0	25.0	27.0	24.0	26.0	92.0	92.0	-	-	0.0	0.4	SW	SW	-	-	1.0	1.4	26.5	29.0
9	26.0	27.0	28.0	29.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.0	0.4	SW	SW	-	-	1.0	1.4	27.0	29.0
10	26.0	27.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.1	0.0	W	SW	45.6	21.8	0.6	0.8	26.0	28.0
11	26.0	26.0	28.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.0	0.3	SW	NW	16.4	3.8	0.4	0.8	26.0	28.0
12	26.0	26.0	27.0	27.0	26.0	27.0	25.0	25.0	92.0	84.0	-	-	0.2	0.8	W	NW	3.2	2.4	1.2	1.2	26.5	29.0
13	26.0	26.0	27.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.0	0.2	NW	S	-	7.6	1.0	0.6	27.0	29.0
14	26.0	26.0	27.0	27.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.1	0.3	S	W	54.8	5.2	0.8	1.2	26.5	30.0
15	26.0	26.0	27.0	27.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.0	0.2	NW	NW	25.2	4.2	1.2	0.2	26.5	28.0
16	26.0	26.0	27.0	27.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.0	0.3	NW	W	2.8	8.4	0.8	0.4	26.0	27.0
17	25.0	25.0	27.0	27.0	25.0	26.0	24.0	25.0	92.0	92.0	-	-	0.1	1.2	SW	SW	4.6	-	0.6	2.0	25.5	28.0
18	25.0	25.0	27.0	26.0	25.0	25.0	24.0	24.0	92.0	92.0	-	-	0.6	1.8	SW	S	6.8	-	0.8	2.0	25.5	26.5
19	25.0	26.0	26.0	28.0	25.0	27.0	24.0	25.0	92.0	92.0	-	-	0.8	1.5	S	SE	-	-	1.8	2.0	25.5	30.0
20	26.0	26.0	28.0	28.0	26.0	28.0	25.0	26.0	92.0	85.0	-	-	0.1	0.4	NW	S	-	-	1.8	2.0	27.5	34.5
21	27.0	26.0	28.0	26.0	26.0	28.0	25.0	25.0	92.0	92.0	-	-	0.0	0.7	W	SW	-	-	1.0	2.0	28.0	34.5
22	26.0	27.0	28.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.0	0.2	SW	NW	-	3.4	1.2	1.4	28.0	32.5
23	26.0	26.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.0	0.6	SW	SW	6.6	-	0.6	2.0	26.0	31.5
24	26.0	26.0	28.0	28.0	26.0	28.0	25.0	27.0	92.0	92.0	-	-	0.0	0.1	SE	SE	16.6	0.8	0.6	0.8	26.5	35.0
25	27.0	26.0	28.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.0	0.3	SE	S	0.6	0.8	0.6	0.8	29.0	32.0
26	27.0	27.0	28.0	28.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.1	1.3	SE	SE	11.8	4.6	0.8	0.6	28.0	33.0
27	27.0	27.0	28.0	29.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.1	0.5	SE	SE	14.0	-	0.1	2.0	28.0	33.5
28	27.0	27.0	29.0	29.0	28.0	29.0	26.0	28.0	85.0	92.0	-	-	0.1	0.2	SE	S	-	-	2.0	2.0	29.0	35.0
29	28.0	28.0	29.0	30.0	28.0	30.0	27.0	28.0	92.0	85.0	-	-	0.0	0.1	SW	S	-	-	2.0	2.0	30.0	36.0
30	27.0	27.0	30.0	29.0	28.0	29.0	27.0	28.0	92.0	92.0	-	-	0.1	0.2	NW	SW	2.2	-	1.2	1.0	28.5	34.0
31	27.0	29.0			27.0		26.0		92.0		-	-	0.0		NW				2.0		28.5	
Total	816.0	820.0	862.0	866.0	818.5	845.0	786.0	805.0	2838.0	2809.0	-	-	3.1	14.5			385.2	176.6	31.3	39.7	839.5	915.5*
Average	26.3	26.5	27.8	27.9	26.4	27.3	25.4	26.0	91.5	90.6	-	-	0.1	0.5			12.4	5.7			27.1	30.5*
	26.4		27.9		26.8		25.7		91.1		0.0		0.3				9.1		71.0		28.8*	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 .. N.A.

SEPTEMBER 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		27.0		29.0		28.0		26.0		85.0		-		0.2		W		11.4		1.4		34.0	
1	27.0	27.0	28.0	28.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.0	0.1	SW	SW	2.4	0.4	1.4	1.4	27.5	30.5	
2	27.0	28.0	28.0	29.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.0	0.4	SW	NW	-	20.8	2.2	0.8	27.5	32.0	
3	27.0	27.0	28.0	28.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.0	0.2	SW	NW	8.8	-	0.8	1.0	27.5	30.0	
4	26.0	27.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.1	0.1	SW	NW	59.4	2.8	1.4	0.8	26.0	30.0	
5	26.0	26.0	27.0	27.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.0	0.1	W	NW	0.8	7.4	0.8	0.4	26.5	29.0	
6	26.0	26.0	27.0	27.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.0	0.0	W	NW	3.2	2.0	1.2	0.8	26.5	28.0	
7	26.0	26.0	27.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.1	0.1	W	W	2.8	1.8	0.8	0.8	26.0	29.0	
8	26.0	27.0	27.0	31.0	26.0	29.0	25.0	28.0	92.0	92.0	-	-	0.0	0.1	NW	W	3.4	-	-	0.9	26.0	30.0	
9	27.0	27.0	29.0	29.0	27.0	27.0	27.0	26.0	92.0	92.0	-	-	0.0	0.2	SW	E	-	2.8	1.0	0.8	27.5	33.5	
10	25.0	27.0	28.0	31.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.0	0.1	NW	NW	64.4	0.6	0.4	0.6	27.0	30.0	
11	26.0	27.0	28.0	29.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.2	0.2	S	SW	27.2	13.6	0.7	0.6	27.0	31.5	
12	26.0	27.0	28.0	31.0	28.0	27.0	27.0	26.0	92.0	92.0	-	-	0.0	0.1	SW	SW	12.4	16.8	0.9	0.8	28.0	29.5	
13	26.0	26.0	28.0	32.0	27.0	28.0	26.0	27.0	92.0	92.0	-	-	0.0	0.1	SE	SE	1.8	-	0.8	1.0	27.5	32.0	
14	27.0	28.0	29.0	34.0	30.0	29.0	27.0	27.0	92.0	93.0	-	-	0.0	0.4	NW	SW	-	-	1.0	1.0	27.0	33.5	
15	26.0	28.0	31.0	33.0	29.0	27.0	26.0	26.0	92.0	86.0	-	-	0.2	0.5	SE	SW	17.8	-	0.8	1.0	28.0	33.0	
16	26.0	28.0	30.0	35.0	30.0	29.0	27.0	27.0	92.0	93.0	-	-	0.0	0.3	SW	SW	-	-	1.0	1.0	29.0	35.0	
17	26.0	26.0	31.0	34.0	28.0	28.0	28.0	27.0	85.0	92.0	-	-	0.0	0.3	SW	SW	-	13.0	2.0	1.0	30.0	32.0	
18	26.0	27.0	29.0	35.0	31.0	29.0	27.0	27.0	92.0	85.0	-	-	0.0	0.1	SW	SW	-	-	1.0	1.0	29.0	35.0	
19	27.0	27.0	31.0	35.0	30.0	28.0	26.0	26.0	85.0	85.0	-	-	0.0	0.3	SW	SE	10.8	45.8	0.8	0.8	29.5	30.0	
20	27.0	28.0	29.0	34.0	28.0	27.0	27.0	27.0	85.0	92.0	-	-	0.0	0.1	SW	S	14.8	-	0.8	1.0	28.0	29.0	
21	27.0	27.0	30.0	33.0	30.0	27.0	27.0	27.0	92.0	78.0	-	-	0.0	0.4	SW	NW	-	0.2	1.0	1.0	28.0	32.0	
22	28.0	28.0	30.0	31.0	29.0	27.0	26.0	26.0	85.0	85.0	-	-	0.2	0.4	NW	SE	0.6	-	1.0	1.0	28.0	30.0	
23	27.0	27.0	30.0	33.0	28.0	27.0	26.0	26.0	85.0	92.0	-	-	0.1	0.3	SE	SE	2.6	0.4	2.0	0.6	28.0	32.0	
24	26.0	27.0	30.0	34.0	29.0	28.0	26.0	26.0	92.0	92.0	-	-	0.0	0.4	SE	S	-	-	1.0	2.0	28.0	32.0	
25	27.0	28.0	30.0	33.0	29.0	28.0	27.0	27.0	92.0	92.0	-	-	0.2	0.3	S	S	-	-	2.0	2.0	28.0	32.0	
26	28.0	27.0	30.0	33.0	29.0	28.0	26.0	27.0	92.0	92.0	-	-	0.0	0.3	SW	SW	3.4	-	1.4	1.0	28.0	32.0	
27	27.0	27.0	31.0	33.0	27.0	26.0	26.0	26.0	92.0	92.0	-	-	0.0	0.4	SW	SW	10.8	-	0.8	1.0	27.5	31.5	
28	26.0	27.0	29.0	32.0	29.0	28.0	27.0	27.0	92.0	92.0	-	-	0.0	0.1	SW	SW	-	-	1.0	1.0	28.0	32.0	
29	26.0	28.0	30.0	33.0	29.0	27.0	27.0	27.0	85.0	85.0	2.0	-	0.2	0.5	SE	SE	-	-	1.0	1.0	28.0	32.0	
30	25.0	30.0	30.0	29.0	29.0	26.0	26.0	26.0	85.0	85.0	-	-	0.2	0.2	SE	SE	0.4	-	1.0	1.0	28.0	28.0	
Total	793.0	813.0	871.0	942.0	841.0	825.0	787.0	793.0	2711.0	2707.0	2.0	-	1.8	7.3	-	-	247.8	139.8	32.0	29.5	830.5	942.0	
Average	26.4	27.1	29.0	31.4	28.0	27.5	26.2	26.4	90.4	90.2	0.1	-	0.1	0.2	-	-	8.3	4.7	-	-	27.7	31.4	
	26.8	30.2		27.8		26.3			90.3		0.0		0.2				6.5		61.5		29.5		

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
-0.0 .. N.A.

OCTOBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	26.0	27.0	34.0	27.0	27.0	27.0	26.0	27.0	85.0	85.0	-	-	0.4	0.5	SE	SE	-	-	1.0	1.0	28.0	33.0
1	24.0	27.0	30.0	33.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	0.1	0.5	SE	SE	2.6	-	0.6	1.0	28.0	31.0
2	26.0	27.0	29.0	34.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	0.0	0.4	SE	SE	-	-	1.0	1.0	28.5	32.5
3	25.0	27.0	30.0	34.0	28.0	30.0	27.0	28.0	92.0	85.0	-	-	0.0	0.0	SE	SE	-	-	0.6	1.0	28.5	33.0
4	26.0	29.0	31.0	33.0	28.0	30.0	27.0	28.0	85.0	85.0	-	-	0.0	0.2	SE	SW	-	-	2.0	2.0	28.5	33.0
5	26.0	27.0	30.0	35.0	28.0	31.0	27.0	29.0	85.0	92.0	-	-	0.0	1.7	SW	NW	-	24.0	1.0	1.0	28.0	30.0
6	26.0	26.0	32.0	34.0	28.0	26.0	27.0	25.0	92.0	92.0	-	-	0.0	0.2	NW	NW	1.4	0.6	1.0	1.0	27.0	29.0
7	26.0	26.0	27.0	32.0	26.0	26.0	25.0	25.0	92.0	85.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.0	27.0	30.0
8	25.0	25.0	27.0	32.0	26.0	29.0	25.0	27.0	92.0	92.0	-	-	0.0	0.2	SW	SW	4.8	10.4	1.0	1.0	28.0	29.0
9	26.0	26.0	29.0	30.0	28.0	26.0	27.0	25.0	92.0	92.0	-	-	0.0	0.0	SW	NW	-	-	0.4	0.6	27.0	30.0
10	25.0	27.0	27.0	33.0	27.0	27.0	26.0	26.0	84.0	92.0	-	-	0.0	0.0	NW	W	-	-	1.0	1.0	26.5	29.5
11	24.0	26.0	29.0	32.0	26.0	25.0	24.0	24.0	92.0	92.0	-	-	0.0	0.1	W	W	-	-	0.8	0.4	25.0	29.0
12	23.0	25.0	26.0	32.0	25.0	27.0	24.0	26.0	84.0	77.0	-	-	0.0	0.1	NW	W	-	-	1.0	1.0	25.5	29.0
13	23.0	25.0	27.0	32.0	26.0	28.0	24.0	25.0	91.0	85.0	-	-	0.0	0.0	W	S	-	-	0.6	1.0	24.5	29.0
14	22.0	24.0	28.0	32.0	24.0	28.0	23.0	26.0	91.0	84.0	-	-	0.0	0.0	S	S	-	-	0.8	1.0	23.5	29.5
15	21.0	27.0	27.0	31.0	23.0	26.0	22.0	24.0	83.0	76.0	-	-	0.0	0.0	S	S	-	-	0.8	1.0	23.0	30.0
16	20.0	26.0	25.0	30.0	23.0	26.0	21.0	23.0	91.0	84.0	-	-	0.0	0.0	S	S	-	-	0.6	1.0	23.5	30.5
17	21.0	23.0	27.0	30.0	23.0	27.0	22.0	25.0	91.0	77.0	-	-	0.0	0.0	S	S	-	-	0.5	1.0	24.5	31.0
18	22.0	24.0	28.0	32.0	24.0	28.0	23.0	25.0	76.0	76.0	-	-	0.0	0.0	S	S	-	-	0.5	1.0	24.0	30.5
19	22.0	24.0	29.0	32.0	25.0	25.0	22.0	23.0	76.0	84.0	-	-	0.0	0.0	S	NW	-	-	0.5	1.0	23.5	29.5
20	21.0	21.0	27.0	23.0	25.0	25.0	22.0	23.0	91.0	76.0	-	-	-	0.0	NW	W	-	-	0.5	1.0	23.0	29.5
21	20.0	21.0	26.0	31.0	23.0	26.0	22.0	23.0	91.0	77.0	-	-	0.0	0.0	NW	NW	-	-	0.6	1.0	23.0	30.0
22	21.0	22.0	27.0	32.0	23.0	27.0	22.0	24.0	83.0	76.0	-	-	0.0	0.0	NW	NW	-	-	0.6	1.0	22.5	29.5
23	20.0	21.0	27.0	31.0	23.0	26.0	21.0	23.0	91.0	77.0	-	-	0.0	0.1	W	W	-	-	0.6	1.0	22.5	29.0
24	20.0	22.0	27.0	30.0	22.0	27.0	21.0	24.0	83.0	76.0	-	-	7.0	0.0	S	SW	-	-	0.8	1.0	22.5	29.0
25	20.0	22.0	27.0	30.0	23.0	26.0	21.0	23.0	68.0	77.0	-	-	0.0	0.1	NW	NW	-	-	0.8	1.0	22.5	29.0
26	20.0	21.0	27.0	31.0	24.0	27.0	20.0	24.0	68.0	77.0	-	-	0.0	0.1	NW	NW	-	-	0.8	1.0	22.0	29.0
27	20.0	21.0	26.0	30.0	24.0	27.0	20.0	24.0	76.0	84.0	-	-	-	-	NW	SE	-	-	0.8	1.0	23.5	30.0
28	22.0	25.0	30.0	32.0	25.0	26.0	22.0	24.0	76.0	84.0	-	-	0.0	0.0	SE	SE	-	-	0.8	1.0	24.0	30.0
29	22.0	25.0	27.0	31.0	26.0	26.0	23.0	24.0	76.0	84.0	-	-	0.0	0.0	SE	SE	-	-	0.8	1.0	23.5	30.0
30	22.0	25.0	28.0	31.0	25.0	26.0	22.0	23.0	76.0	76.0	-	-	0.0	0.3	SE	SE	-	-	0.8	1.0	23.5	30.0
31	21.0	26.0	26.0	26.0	25.0	25.0	21.0	21.0	68.0	68.0	-	-	0.0	0.0	SW	SW	-	-	0.8	0.8	23.0	23.0
Total	702.0	763.0	863.0	979.0	782.0	840.0	725.0	773.0	2606.0	2569.0	-	-	7.4	4.8	-	-	8.8	35.0	24.4	31.0	769.5	933.0
Average	22.6	24.6	27.8	31.6	25.2	27.1	23.4	24.9	84.1	82.9	-	-	0.2	0.2	-	-	0.3	1.1	-	-	24.8	30.1
	23.6	29.7	26.2	24.2	83.5	0.0	0.2	0.7	55.4	27.5												

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 .. N.A.

NOVEMBER 2016																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		25.0		31.0		25.0		22.0		76.0		-		-		NW		-		1.0		30.0
1	21.0	23.0	27.0	31.0	23.0	27.0	21.0	23.0	83.0	70.0	-	-	0.2	0.0	NW	NW	-	-	1.0	1.0	23.0	30.0
2	22.0	24.0	27.0	31.0	25.0	27.0	22.0	23.0	76.0	70.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.0	23.5	30.0
3	22.0	24.0	24.0	30.0	24.0	28.0	21.0	25.0	75.0	77.0	-	-	0.0	0.0	NW	SE	-	-	1.0	1.0	22.5	30.5
4	22.0	25.0	28.0	30.0	26.0	27.0	23.0	24.0	76.0	77.0	-	-	0.2	0.2	SE	NE	-	-	1.0	1.0	24.0	29.0
5	24.0	24.0	27.0	28.0	25.0	27.0	23.0	24.0	84.0	77.0	-	-	0.0	0.3	E	E	-	-	1.0	1.0	24.0	28.5
6	21.0	22.0	26.0	26.0	22.0	24.0	20.0	20.0	82.0	68.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.0	23.0	28.0
7	21.0	22.0	26.0	26.0	22.0	24.0	20.0	20.0	82.0	68.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.0	20.5	27.0
8	20.0	20.0	25.0	26.0	21.0	24.0	19.0	20.0	82.0	68.0	-	-	-	0.0	NW	NW	-	-	1.0	1.2	19.0	27.0
9	20.0	20.0	25.0	23.0	19.0	22.0	17.0	20.0	81.0	82.0	-	-	-	0.0	NW	NW	-	-	1.0	1.0	18.5	25.0
10	20.0	20.0	24.0	22.0	19.0	22.0	18.0	20.0	90.0	82.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.2	18.0	25.0
11	20.0	20.0	22.0	23.0	20.0	22.0	18.0	21.0	81.0	91.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.2	18.0	24.0
12	20.0	21.0	23.0	23.0	20.0	23.0	19.0	21.0	91.0	83.0	-	-	0.0	0.1	NW	SW	-	-	1.0	1.2	18.0	26.0
13	20.0	21.0	22.0	23.0	20.0	24.0	19.0	21.0	91.0	75.0	-	-	0.0	0.1	SW	SW	-	-	1.0	1.2	20.0	26.0
14	21.0	21.0	23.0	23.0	21.0	23.0	20.0	22.0	91.0	91.0	-	-	0.0	0.0	SW	SW	-	-	1.0	1.2	20.5	25.5
15	21.0	21.0	23.0	24.0	21.0	24.0	20.0	22.0	91.0	83.0	-	-	0.0	0.0	SW	SW	-	-	1.0	1.2	21.0	25.5
16	22.0	22.0	25.0	24.0	22.0	23.0	19.0	22.0	74.0	91.0	-	-	-	0.0	SW	SW	-	-	1.0	1.2	20.5	26.0
17	21.0	21.0	24.0	23.0	20.0	22.0	18.0	20.0	81.0	82.0	-	-	0.0	-	SW	SW	-	-	1.0	1.5	19.0	25.5
18	19.0	20.0	22.0	23.0	19.0	22.0	17.0	20.0	81.0	82.0	-	-	0.0	0.0	SW	NW	-	-	1.0	1.5	18.0	26.0
19	19.0	21.0	23.0	22.0	18.0	21.0	16.0	20.0	80.0	91.0	-	-	-	0.0	NW	NW	-	-	1.0	1.5	17.0	26.0
20	19.0	20.0	22.0	22.0	18.0	21.0	17.0	20.0	90.0	91.0	-	-	-	0.0	NW	NW	-	-	1.0	1.5	18.0	25.5
21	19.0	19.0	20.0	22.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.5	18.5	25.0
22	19.0	20.0	22.0	22.0	18.0	21.0	17.0	19.0	90.0	82.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	18.5	25.5
23	19.0	19.0	22.0	22.0	18.0	21.0	16.0	19.0	80.0	82.0	-	-	0.0	0.0	NW	NW	-	-	1.0	1.5	18.5	24.0
24	19.0	19.0	22.0	23.0	19.0	21.0	17.0	19.0	81.0	82.0	-	-	-	0.0	NW	NW	-	-	1.0	1.5	17.5	24.5
25	19.0	19.0	22.0	22.0	19.0	22.0	17.0	18.0	81.0	66.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	17.0	24.0
26	19.0	19.0	22.0	22.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	-	0.0	NW	NW	-	-	1.0	1.5	17.0	24.0
27	19.0	19.0	22.0	22.0	18.0	21.0	17.0	19.0	90.0	82.0	-	-	-	0.2	NW	NW	-	-	1.0	1.5	17.5	24.0
28	19.0	19.0	22.0	22.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	17.5	24.0
29	19.0	19.0	22.0	22.0	18.0	21.0	17.0	19.0	90.0	74.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.5	17.0	24.0
30	19.0		22.0		18.0		16.0		80.0		-	-	-	-	NW		-	-	1.0		17.0	
Total	605.0	629.0	706.0	733.0	607.0	695.0	555.0	620.0	2365.0	2365.0	-	-	0.4	1.7			0.0	0.0	30.0	38.1	582.0	785.0
Average	20.2	21.0	23.5	24.4	20.2	23.2	18.5	20.7	84.1	78.8	-	-	0.0	0.1			0.0	0.0			19.4	26.2
	20.6		24.0		21.7		19.6		81.5		0.0		0.0				0.0	0.0	68.1		22.8	

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 ..N.A.

DECEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		19.0		22.0		19.0		19.0		74.0		0.0		0.0		NW		-		1.5		24.0
1	19.0	19.0	24.0	22.0	18.0	21.0	17.0	20.0	90.0	91.0	-	-	-	0.2	SW	SE	-	-	1.0	1.5	18.5	23.5
2	20.0	20.0	22.0	23.0	20.0	22.0	18.0	20.0	81.0	82.0	-	-	-	0.0	SW	SE	-	-	1.0	1.5	18.5	24.0
3	21.0	19.0	23.0	22.0	21.0	23.0	19.0	21.0	82.0	83.0	-	-	0.0	0.0	SW	SW	-	-	1.0	1.5	19.5	24.0
4	21.0	19.0	23.0	22.0	21.0	23.0	19.0	21.0	82.0	83.0	-	0.0	0.0	0.0	SW	SW	-	-	1.0	1.5	19.5	24.0
5	21.0	21.0	28.0	24.0	21.0	24.0	19.0	21.0	82.0	75.0	-	-	-	0.1	SW	NW	-	-	1.0	1.5	19.5	25.0
6	20.0	21.0	23.0	23.0	20.0	23.0	18.0	20.0	81.0	75.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.5	18.5	24.0
7	20.0	20.0	23.0	23.0	19.0	23.0	18.0	20.0	90.0	75.0	-	-	0.2	0.2	NW	SW	-	-	1.0	1.5	18.0	24.0
8	19.0	20.0	22.0	23.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	-	0.0	SW	SW	-	-	1.0	1.5	17.5	23.5
9	19.0	19.0	22.0	22.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	-	0.1	SW	NW	-	-	1.0	1.5	17.5	23.5
10	19.0	19.0	22.0	22.0	18.0	22.0	16.0	19.0	80.0	74.0	-	-	-	0.0	NW	SW	-	-	1.0	1.5	17.0	23.5
11	19.0	19.0	22.0	23.0	18.0	23.0	16.0	20.0	80.0	75.0	-	-	-	0.1	SW	SW	-	-	1.0	1.5	17.0	24.0
12	19.0	19.0	23.0	23.0	19.0	23.0	17.0	19.0	81.0	67.0	-	-	-	-	SW	SW	-	-	1.0	1.5	17.5	24.0
13	19.0	19.0	23.0	23.0	19.0	24.0	17.0	20.0	81.0	68.0	-	-	-	0.1	SW	SW	-	-	1.0	1.5	17.0	23.5
14	19.0	20.0	23.0	23.0	19.0	24.0	16.0	19.0	72.0	60.0	-	-	0.1	0.1	SW	SW	-	-	1.0	1.5	17.0	23.0
15	20.0	19.0	23.0	23.0	19.0	24.0	16.0	19.0	72.0	60.0	-	-	-	0.1	SW	NW	-	-	1.0	1.5	17.0	22.5
16	18.0	18.0	22.0	22.0	18.0	23.0	16.0	18.0	80.0	59.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	16.0	22.0
17	17.0	17.0	21.0	21.0	16.0	22.0	14.0	17.0	79.0	58.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	15.0	23.0
18	16.0	16.0	20.0	21.0	15.0	22.0	13.0	17.0	79.0	58.0	-	-	-	0.1	NW	NW	-	-	1.0	1.5	15.0	22.0
19	15.0	16.0	20.0	20.0	15.0	20.0																

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 .. N.A.

JANUARY 2017																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
UpoPM	18.0	21.0	21.0	20.0	20.0	20.0	18.0	18.0	81.0	81.0	-	-	0.1	0.5	SW	NE	-	-	1.0	1.0	-	-
1	18.0	20.0	21.0	20.0	18.0	20.0	16.0	19.0	80.0	91.0	-	-	0.1	0.5	SW	NE	-	-	1.0	1.0	16.0	21.0
2	19.0	21.0	21.0	21.0	18.0	21.0	17.0	19.0	90.0	82.0	-	-	0.0	0.7	NE	E	-	-	1.0	1.0	17.0	22.5
3	19.0	21.0	21.0	21.0	18.0	21.0	17.0	19.0	90.0	82.0	-	-	0.5	0.0	NE	NW	4.8	-	0.8	1.0	17.0	22.0
4	18.0	21.0	20.0	21.0	17.0	19.0	16.0	17.0	90.0	81.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.0	16.5	21.5
5	17.0	19.0	20.0	21.0	16.0	19.0	15.0	16.0	89.0	72.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.0	15.0	21.0
6	17.0	18.0	19.0	20.0	16.0	19.0	15.0	16.0	89.0	72.0	-	-	0.0	0.1	NW	NW	-	-	1.0	1.0	15.0	21.0
7	17.0	19.0	20.0	20.0	16.0	20.0	15.0	17.0	89.0	73.0	-	-	0.0	0.8	NW	SW	-	-	1.0	1.0	15.0	21.5
8	18.0	20.0	20.0	17.0	20.0	17.0	15.0	17.0	80.0	73.0	-	-	-	0.6	SW	SW	-	-	1.0	1.0	15.5	22.0
9	18.0	21.0	22.0	18.0	22.0	17.0	17.0	18.0	90.0	66.0	-	-	0.0	0.7	SW	S	-	-	1.0	1.0	16.5	23.0
10	19.0	22.0	21.0	19.0	21.0	19.0	17.0	19.0	81.0	82.0	-	-	0.0	0.2	S	SW	-	0.4	1.0	1.0	18.0	23.0
11	19.0	18.0	20.0	20.0	18.0	20.0	16.0	17.0	80.0	73.0	-	-	0.1	0.3	NW	NW	-	-	1.0	1.0	18.0	22.0
12	17.0	18.0	21.0	19.0	16.0	19.0	14.0	16.0	79.0	72.0	-	-	0.0	0.2	NW	NW	-	-	1.0	1.0	15.0	21.5
13	17.0	17.0	19.0	19.0	16.0	19.0	13.0	16.0	69.0	72.0	-	-	0.2	0.3	NW	NW	-	-	1.0	1.0	13.5	20.5
14	16.0	18.0	20.0	18.0	15.0	18.0	13.0	15.0	78.0	71.0	-	-	0.0	0.3	NW	NW	-	-	1.0	1.0	13.0	20.0
15	14.0	16.0	19.0	18.0	15.0	18.0	13.0	16.0	78.0	80.0	-	-	0.0	0.2	NW	NW	-	-	1.0	1.0	12.0	20.0
16	12.0	15.0	14.0	18.0	14.0	18.0	13.0	17.0	89.0	90.0	-	-	-	0.1	NE	NW	-	-	1.0	0.6	13.0	21.0
17	16.0	20.0	23.0	22.0	20.0	20.0	18.0	18.0	66.0	81.0	-	-	0.1	0.2	SW	SW	-	-	1.0	0.6	15.0	22.0
18	16.0	17.0	21.0	23.0	20.0	22.0	18.0	19.0	81.0	74.0	-	-	0.0	0.1	SW	SW	-	-	1.0	0.6	17.0	22.0
19	19.0	19.0	22.0	24.0	19.0	24.0	17.0	20.0	81.0	68.0	-	-	0.1	0.3	NW	NW	-	-	1.0	0.6	17.5	24.0
20	20.0	19.0	23.0	23.0	20.0	19.0	18.0	19.0	81.0	63.0	-	-	0.1	0.6	N	NW	-	-	1.0	0.8	18.0	23.0
21	20.0	20.0	22.0	23.0	20.0	23.0	18.0	19.0	81.0	63.0	-	-	-	0.1	NW	NW	-	-	1.0	0.8	18.0	24.0
22	20.0	20.0	22.0	24.0	20.0	22.0	17.0	19.0	73.0	74.0	-	-	0.3	0.8	NW	NW	-	-	1.0	0.8	17.5	24.0
23	20.0	20.0	23.0	23.0	19.0	22.0	17.0	19.0	81.0	74.0	-	-	0.0	0.5	NW	NW	-	-	1.0	0.8	17.5	24.0
24	20.0	20.0	22.0	23.0	19.0	22.0	17.0	19.0	81.0	74.0	-	-	0.0	0.2	NW	NW	-	-	1.0	0.8	17.0	24.0
25	20.0	20.0	23.0	23.0	19.0	22.0	17.0	19.0	81.0	74.0	-	-	0.1	0.7	NW	SW	-	-	1.0	0.8	17.0	24.0
26	20.0	20.0	23.0	22.0	19.0	23.0	17.0	19.0	81.0	67.0	-	-	-	0.2	SW	SW	-	-	1.0	0.8	17.5	24.0
27	20.0	20.0	22.0	23.0	20.0	23.0	18.0	20.0	81.0	75.0	-	-	0.1	0.1	SW	NW	-	-	1.0	0.8	-	25.0
28	22.0	20.0	23.0	23.0	20.0	22.0	18.0	19.0	81.0	74.0	-	-	0.1	0.5	NW	NW	-	-	1.0	0.8	19.0	25.0
29	20.0	20.0	23.0	23.0	19.0	22.0	16.0	19.0	72.0	74.0	-	-	0.0	0.4	NW	NW	-	-	1.0	0.8	18.5	24.0
30	19.0	19.0	22.0	22.0	18.0	22.0	16.0	18.0	80.0	66.0	-	-	0.0	0.2	NW	NW	-	-	1.0	0.8	17.0	24.0
31	20.0	22.0	22.0	18.0	18.0	22.0	16.0	16.0	80.0	-	-	-	0.0	-	NW	-	-	-	1.0	-	16.5	-
Total	567.0	573.0	651.0	662.0	559.0	642.0	500.0	558.0	2522.0	2314.0	-	-	1.9	10.3	-	-	4.8	0.4	30.8	27.2	489.0*	676.5*
Average	18.3	18.5	21.0	21.4	18.0	20.7	16.1	18.0	81.4	74.6	-	-	0.1	0.3	-	-	0.2	0.0	-	-	16.3*	22.6*
	18.4	21.2	-	-	19.4	-	17.1	-	78.0	-	0.0	-	0.2	-	-	-	0.1	-	58.0	-	19.4*	-

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 - N.A.

FEBRUARY 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM																						
1	20.0	21.0	22.0	22.0	19.0	22.0	16.0	18.0	72.0	66.0	-	-	0.1	0.2	NW	NW	-	-	1.0	1.0	17.0	24.5
2	20.0	20.0	23.0	23.0	20.0	23.0	17.0	19.0	73.0	67.0	-	-	0.1	0.3	NW	NW	-	-	1.0	1.0	18.0	24.5
3	20.0	20.0	23.0	24.0	20.0	23.0	17.0	18.0	73.0	59.0	-	-	0.0	0.3	NW	SW	-	-	1.0	1.0	17.5	25.0
4	20.0	20.0	23.0	23.0	19.0	23.0	16.0	17.0	72.0	52.0	-	-	0.0	0.2	SW	SW	-	-	1.0	1.0	18.0	24.5
5	20.0	20.0	22.0	22.0	19.0	23.0	16.0	18.0	72.0	59.0	-	-	0.0	0.4	SW	NW	-	-	1.0	1.0	17.5	25.0
6	20.0	20.0	22.0	23.0	19.0	23.0	17.0	19.0	81.0	67.0	-	-	0.0	0.5	NW	NW	-	-	1.0	1.0	17.0	25.5
7	20.0	21.0	23.0	24.0	21.0	24.0	18.0	20.0	73.0	68.0	-	-	0.1	1.1	NW	NW	-	-	1.0	1.0	18.5	25.5
8	19.0	21.0	24.0	24.0	20.0	23.0	17.0	19.0	73.0	67.0	-	-	0.0	0.4	NW	NW	-	-	1.0	1.0	18.0	25.0
9	19.0	21.0	23.0	24.0	19.0	24.0	16.0	19.0	72.0	60.0	-	-	0.0	0.7	NW	E	-	-	1.0	1.0	18.0	25.0
10	20.0	21.0	23.0	25.0	20.0	25.0	18.0	20.0	81.0	61.0	-	-	0.0	1.2	E	SE	-	-	1.0	1.0	19.0	25.0
11	21.0	22.0	25.0	25.0	21.0	25.0	19.0	21.0	82.0	68.0	-	-	1.4	0.1	SE	S	-	-	1.0	1.0	19.0	26.0
12	22.0	22.0	24.0	24.0	21.0	23.0	19.0	20.0	82.0	75.0	-	-	0.0	0.6	NW	NE	-	-	1.0	1.0	20.0	25.0
13	21.0	21.0	23.0	24.0	21.0	22.0	19.0	21.0	82.0	91.0	-	-	0.0	0.6	NE	SW	-	-	1.0	1.0	19.0	26.0
14	22.0	22.0	24.0	25.0	21.0	24.0	19.0	21.0	82.0	75.0	-	-	0.2	0.9	SW	W	-	-	1.0	1.0	20.0	26.0
15	22.0	22.0	25.0	26.0	21.0	26.0	19.0	21.0	82.0	62.0	-	-	0.0	1.1	N	NW	-	-	1.0	1.5	20.0	26.5
16	22.0	22.0	26.0	26.0	22.0	27.0	18.0	20.0	66.0	50.0	-	-	0.1	1.8	SW	SW	-	-	1.5	2.0	20.0	27.0
17	22.0	22.0	26.0	27.0	22.0	28.0	18.0	21.0	66.0	51.0	-	-	0.1	1.8	SW	NW	-	-	1.5	2.0	19.0	27.5
18	22.5	22.0	27.0	27.5	22.0	29.0	19.0	22.0	74.0	50.0	-	-	0.0	1.3	NW	NW	-	-	1.5	2.0	19.5	28.0
19	23.0	23.0	28.0	27.0	22.0	28.0	19.0	22.0	74.0	50.0	-	-	0.0	1.8	NW	NW	-	-	1.5	2.0	20.0	28.0
20	23.0	23.0	28.0	28.0	22.0	28.0	19.0	22.0	82.0	43.0	-	-	0.3	1.1	NW	SE	-	-	1.5	2.0	20.5	28.0
21	23.0	23.0	28.0	29.0	22.0	29.0	20.0	22.0	75.0	47.0	-	-	0.1	0.9	SW	SW	-	-	1.5	2.0	21.0	28.5
22	23.5	23.5	28.0	30.0	23.0	30.0	20.0	22.0	74.0	47.0	-	-	0.2	1.5	SW	SW	-	-	1.5	2.0	21.0	29.0
23	24.0	24.0	29.0	28.0	22.0	29.0	19.0	22.0	74.0	52.0	-	-	0.2	1.7	SW	NW	-	-	1.5	2.0	21.0	29.0
24	25.0	24.0	29.0	27.0	23.0	28.0	19.0	22.0	74.0	67.0	-	-	0.1	1.1	NW	NW	-	-	1.5	2.0	21.5	28.0
25	24.0	24.0	28.0	26.0	21.0	25.0	17.0	19.0	67.0	54.0	-	-	0.1	1.3	NW	NW	-	-	1.5	2.0	21.0	28.0
26	22.0	22.0	25.0	25.0	21.0	25.0	17.0	20.0	65.0	61.0	-	-	0.2	1.2	NW	NW	-	-	1.5	2.0	20.0	28.0
27	23.0	22.0	25.0	27.0	22.0	26.0	18.0	20.0	66.0	55.0	-	-	0.2	1.0	NW	NW	-	-	1.5	2.0	19.5	28.0
28	23.0	23.0	26.0	26.0	22.0	22.0	18.0	18.0	66.0	-	-	-	0.2	-	NW	-	-	-	1.5	-	19.5	-
Total	606.0	608.5	702.0	707.5	587.0	707.0	504.0	563.0	2075.0	1690.0	-	-	4.0	25.5	-	-	0.0	0.0	34.5	40.3	540.0	740.5
Average	21.6	21.7	25.1	25.3	21.0	25.3	18.0	20.1	74.1	60.4	-	-	0.1	0.9	-	-	0.0	0.0	74.8	19.3	19.3	26.4
	21.7		25.2		23.1		19.1		67.2		0.0		0.5				0.0				21.9	

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Buria
- 0.0 - N.A.

MARCH 2017

MARCH 2017																							
	Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
		08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
	LPoPM		23.0		27.0		27.0		20.0		50.0		-		1.2		NW		-		2.0		28.0
1		23.0	23.0	27.0	28.0	22.0	27.0	18.0	21.0	66.0	56.0	-	0.2	1.1	NW	NW		-	1.5	2.0	19.0	29.0	
2		24.0	24.0	27.0	28.0	24.0	28.0	20.0	21.0	68.0	51.0	-	0.1	2.5	NW	S		-	1.5	2.0	20.0	29.0	
3		24.0	25.0	28.0	29.0	24.0	28.0	20.0	22.0	68.0	57.0	-	0.1	1.4	S	SE		-	1.5	2.0	21.5	29.0	
4		25.0	25.0	29.0	30.0	25.0	29.0	21.0	23.0	68.0	58.0	-	0.0	1.3	SE	SW		-	1.5	2.0	22.0	29.0	
5		26.0	25.0	29.0	30.0	24.0	28.0	21.0	23.0	75.0	64.0	-	0.0	0.7	SW	SW		-	1.5	2.0	22.0	29.0	
6		25.0	25.0	27.0	29.0	24.0	27.0	20.0	22.0	68.0	63.0	-	0.0	0.7	SW	W		-	1.5	2.0	22.0	29.0	
7		25.0	24.0	28.0	28.0	23.0	26.0	18.0	21.0	59.0	62.0	-	0.2	0.9	W	SE		-	1.5	2.0	21.0	28.5	
8		25.0	25.0	27.0	27.0	24.0	25.0	22.0	22.0	83.0	76.0	-	0.1	0.0	S	NE	0.2	1.0	1.2	2.0	22.0	25.5	
9		24.0	25.0	26.0	28.0	24.0	27.0	22.0	23.0	83.0	70.0	-	0.0	2.3	E	SE		-	1.5	2.0	22.5	26.0	
10		25.0	24.0	27.0	26.0	25.0	24.0	22.0	22.0	76.0	83.0	-	0.2	0.9	SE	NE		7.2	1.5	1.2	23.0	25.0	
11		23.0	23.0	25.0	25.0	22.0	25.0	20.0	21.0	82.0	68.0	-	0.2	1.9	NE	SE		-	1.0	1.0	22.5	24.5	
12		23.0	23.0	25.0	25.0	22.0	25.0	19.0	20.0	74.0	61.0	-	0.2	2.3	NW	NW		-	1.5	1.5	22.0	25.0	
13		24.0	25.0	26.0	27.0	23.0	26.0	20.0	21.0	75.0	62.0	-	0.3	1.2	NW	NW		-	1.5	2.0	23.0	26.0	
14		24.0	24.0	25.0	26.0	21.0	25.0	18.0	19.0	73.0	54.0	-	0.5	1.5	NE	SE		-	1.5	2.0	21.0	27.0	
15		23.0	24.0	26.0	26.0	22.0	25.0	17.0	20.0	58.0	61.0	-	-	0.4	1.3	SE	NW		1.5	2.0	20.0	28.0	
16		23.0	24.0	26.0	26.0	22.0	26.0	18.0	20.0	66.0	55.0	-	0.2	1.1	NW	SW		-	1.5	2.0	20.0	28.5	
17		24.0	24.0	26.0	27.0	23.0	28.0	19.0	20.0	67.0	45.0	-	-	0.1	2.6	SW	SE		1.5	2.0	20.5	29.0	
18		24.0	24.0	27.0	28.0	24.0	27.0	20.0	21.0	68.0	56.0	-	-	0.6	1.7	NW	NW		1.5	2.0	22.0	30.0	
19		24.0	24.0	27.0	28.0	24.0	28.0	19.0	22.0	60.0	57.0	-	-	0.1	1.8	NW	NW		1.5	2.0	22.0	30.0	
20		25.0	25.0	29.0	29.0	25.0	29.0	21.0	22.0	68.0	52.0	-	2.0	0.4	2.5	NW	NW		1.5	2.2	23.0	31.0	
21		25.0	25.0	29.0	30.0	24.0	30.0	19.0	21.0	60.0	42.0	-	-	0.1	1.5	NW	NW		2.0	2.5	23.0	32.0	
22		25.0	25.0	30.0	31.0	24.0	32.0	20.0	22.0	68.0	39.0	-	-	0.1	1.4	NW	NW		2.0	2.5	22.0	32.0	
23		25.0	25.0	30.0	32.0	25.0	33.0	21.0	23.0	68.0	40.0	-	2.0	0.0	1.3	NW	NW		2.0	2.5	23.0	33.0	
24		27.0	27.0	32.0	33.5	27.0	33.0	22.0	22.0	63.0	50.0	-	-	0.1	1.7	NW	SE		2.0	2.5	24.0	34.0	
25		28.0	28.0	32.5	34.0	28.0	34.0	22.5	25.0	60.0	46.0	-	-	0.1	1.2	SE	NW		2.0	3.0	26.0	35.0	
26		29.0	29.0	34.0	35.0	29.0	34.0	24.0	24.0	64.0	41.0	-	-	0.3	1.5	NW	W		2.0	3.0	26.5	35.0	
27		29.0	29.0	33.0	33.0	28.0	32.0	23.0	24.0	64.0	49.0	-	-	0.3	1.6	NW	SE		2.0	3.0	25.5	35.0	
28		29.0	29.0	33.0	35.0	29.0	36.0	23.0	26.0	58.0	43.0	-	2.0	0.1	2.2	SE	NW		2.0	3.0	26.0	35.0	
29		29.0	30.0	35.0	35.0	29.0	36.0	23.0	26.0	58.0	43.0	-	2.0	0.1	1.6	NW	SW		2.0	3.0	26.5	35.0	
30		29.0	30.0	35.0	35.0	29.0	36.0	24.0	25.0	64.0	38.0	-	2.0	0.1	1.3	SE	SW		2.0	3.0	26.0	35.0	
31		29.0		34.0		29.0		23.0		58.0		-	0.2			SE			2.0		26.0		
Total		787.0	785.0	894.5	910.5	768.0	896.0	639.5	684.0	2090.0	1692.0	-	10.0	5.3	46.3			0.2	8.2	51.2	67.9	705.5	927.0
Average		25.4	25.3	28.9	29.4	24.8	28.9	20.6	22.1	67.4	54.6	-	0.3	0.2	1.5			0.0	0.3		22.8	29.9	
		25.4		29.1		26.8		21.3		61.0		0.2		0.8				0.1		119.1		26.3	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMK00E2
Local River/Basin : Mand

Twice Daily Climatic Data

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 .. N.A.

APRIL 2017																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM		30.0		35.0		35.0		25.0		42.0		2.0		2.0		SE				3.0		17:30	35.0
1	29.0	30.0	33.0	34.0	29.0	33.0	22.0	25.0	52.0	50.0	-	2.0	0.2	0.1	SE	NW	-	-	2.0	3.0	26.0	35.0	
2	30.0	31.0	33.0	33.0	30.0	33.0	24.0	26.0	59.0	55.0	-	2.0	0.0	1.9	NW	NE	-	-	2.0	3.0	26.0	35.0	
3	31.0	31.0	33.0	34.0	30.0	33.0	24.0	25.0	59.0	50.0	-	2.0	0.5	1.3	NE	S	-	-	2.0	3.0	26.5	35.0	
4	31.0	31.0	33.0	35.0	30.0	34.0	25.0	26.0	66.0	51.0	-	2.0	0.1	3.1	S	SE	-	-	2.0	3.0	26.5	35.0	
5	32.0	34.0	34.0	38.0	31.0	35.0	26.0	27.0	66.0	50.0	-	2.0	0.1	3.1	E	SE	-	-	2.0	3.2	28.0	37.0	
6	33.0	34.0	37.0	38.0	32.0	34.0	26.0	27.0	61.0	56.0	-	2.0	0.1	2.4	SE	SE	-	-	2.0	3.2	28.0	38.0	
7	34.0	35.0	38.0	39.0	32.0	35.0	26.0	27.0	61.0	52.0	-	2.0	0.2	1.7	S	SW	-	-	2.0	3.4	28.0	39.0	
8	35.0	35.0	39.0	39.0	33.0	34.0	27.0	26.0	61.0	51.0	-	2.0	0.1	1.4	S	SW	-	-	2.2	3.4	29.0	39.0	
9	35.0	35.0	38.0	38.0	32.0	34.0	26.0	27.0	61.0	56.0	2.0	2.0	0.1	1.8	NW	W	-	-	2.2	3.4	28.0	38.0	
10	34.0	35.0	38.0	38.0	32.0	33.0	25.0	26.0	55.0	56.0	-	2.0	0.0	1.3	NW	NW	-	-	2.2	3.4	28.0	37.0	
11	34.0	35.0	37.0	38.0	30.0	32.0	24.0	25.0	59.0	55.0	2.0	2.0	0.1	1.7	NW	NW	-	-	2.2	3.4	28.0	37.0	
12	33.0	35.0	36.0	38.0	29.0	32.0	23.0	25.0	58.0	55.0	-	2.0	0.0	1.7	NW	NW	-	-	2.2	3.4	27.0	37.0	
13	33.0	35.0	37.0	38.0	30.0	33.0	24.0	25.0	59.0	50.0	-	2.0	0.1	1.9	NW	NW	-	-	2.2	3.4	27.0	37.0	
14	32.0	34.0	36.0	37.0	32.0	33.0	26.0	25.0	61.0	50.0	2.0	2.0	0.0	1.8	NW	NW	-	-	2.0	3.4	25.0	36.0	
15	33.0	34.0	37.0	37.0	30.0	34.0	25.0	26.0	65.0	51.0	2.0	2.0	0.4	2.3	SW	W	-	-	2.0	3.4	26.0	36.0	
16	34.0	35.0	38.0	38.0	31.0	34.0	27.0	27.0	72.0	56.0	2.0	2.0	0.5	1.9	NE	S	-	-	2.0	3.5	27.0	37.0	
17	34.0	35.0	38.0	38.0	31.0	35.0	27.0	28.0	72.0	57.0	2.0	2.0	1.5	1.9	NE	SW	-	-	2.2	3.5	28.0	37.0	
18	35.0	35.0	39.0	39.0	32.0	36.0	28.0	29.0	73.0	58.0	2.0	2.0	0.3	2.0	S	SE	-	-	2.2	3.5	29.5	38.0	
19	35.0	34.0	39.0	38.0	32.0	37.0	28.0	28.0	73.0	49.0	2.0	2.0	0.4	2.2	SE	SW	-	-	2.2	3.5	29.5	37.5	
20	32.0	32.0	38.0	39.0	32.0	38.0	27.0	28.0	67.0	45.0	-	2.0	0.5	2.5	SW	SE	-	-	2.0	3.2	28.0	36.5	
21	32.0	32.0	37.0	40.0	32.0	38.0	26.0	29.0	61.0	50.0	2.0	2.0	0.3	3.4	SW	SW	-	-	2.2	3.5	27.0	36.5	
22	33.0	33.0	38.0	42.0	33.0	39.0	27.0	30.0	62.0	51.0	2.0	2.0	0.4	2.9	SW	SW	-	-	2.2	3.6	29.0	37.0	
23	34.0	34.0	39.0	44.0	32.0	40.0	26.0	30.0	61.0	47.0	-	2.0	0.2	2.6	SW	SW	-	-	2.2	3.6	28.0	37.5	
24	34.0	35.0	40.0	46.0	33.0	41.0	26.0	31.0	56.0	47.0	-	2.0	0.3	3.3	SW	SW	-	-	2.4	4.0	28.0	38.0	
25	34.0	33.0	42.0	47.0	32.0	38.0	23.0	28.0	55.0	40.0	2.0	2.0	0.3	3.3	SE	SW	-	-	2.5	4.0	28.0	37.0	
26	33.0	33.0	41.0	47.0	33.0	38.0	26.0	28.0	55.0	45.0	-	2.0	0.4	3.3	SW	SW	-	-	2.5	4.0	27.5	37.0	
27	32.0	32.0	40.0	46.0	32.0	37.0	26.0	27.0	61.0	45.0	-	2.0	0.1	3.0	SW	SW	-	-	2.5	4.0	27.0	36.5	
28	32.0	31.0	39.0	47.0	32.0	37.0	26.0	28.0	61.0	50.0	2.0	2.0	0.3	2.2	SW	SW	-	-	2.5	4.0	27.0	36.5	
29	31.0	31.0	38.0	46.0	31.0	36.0	26.0	28.0	67.0	53.0	-	0.3	2.2	2.2	NW	SW	-	-	2.5	4.0	27.0	36.0	
30	31.0		38.0		31.0		26.0		67.0		2.0		0.6		SE		-	-	2.5		27.0		
Total	985.0	999.0	1123.0	1186.0	941.0	1061.0	768.0	812.0	1866.0	1523.0	26.0	58.0	8.6	66.3			0.0	0.0	65.8	103.9	824.5	1094.0	
Average	32.8	33.3	37.4	39.5	31.4	35.4	25.6	27.1	62.2	50.8	0.9	1.9	0.3	2.2			0.0	0.0			27.5	36.5	
	33.1		38.5		33.4		26.3		56.5		1.4		1.2				0.0		169.7		32.0		

Twice Daily Climatic Data

Station Code : EMK00E2
Local River/Basin : Mand

Station Name : KURUBHATA
Sub-Division : Burla
- 0.0 - N.A.

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	31.0	32.0	37.0	46.0	32.0	35.0	28.0	28.0	73.0	57.0	2.0	2.0	0.4	1.8	SE	S	-	-	2.5	4.0	28.0	37.0
2	31.0	32.0	38.0	47.0	32.0	35.0	28.0	29.0	73.0	60.0	2.0	2.0	1.3	2.1	SW	SW	-	-	2.5	4.2	28.0	38.0
3	31.0	32.0	38.0	47.0	32.0	35.0	28.0	29.0	73.0	60.0	2.0	2.0	0.1	2.1	SE	SW	-	-	2.5	4.2	29.0	38.0
4	31.0	32.0	38.0	47.0	32.0	35.0	27.0	29.0	67.0	60.0	-	-	0.3	2.1	SW	SE	-	-	2.5	4.2	28.5	38.0
5	31.0	32.0	39.0	47.0	32.0	35.0	27.0	29.0	67.0	60.0	2.0	2.0	1.2	1.3	SE	NW	-	-	2.5	4.2	29.0	37.0
6	32.0	31.0	40.0	44.0	33.0	37.0	28.0	30.0	69.0	59.0	2.0	2.0	0.4	0.5	NE	SE	-	-	2.6	4.0	30.0	36.0
7	26.0	32.0	38.0	44.0	31.0	38.0	27.0	31.0	72.0	59.0	-	2.0	1.2	2.4	S	SE	-	-	2.6	4.2	29.0	36.5
8	27.0	29.0	39.0	44.0	32.0	38.0	27.0	30.0	67.0	84.0	-	2.0	0.1	2.8	SE	NE	-	-	2.6	4.2	29.5	36.0
9	28.0	31.0	40.0	44.0	32.0	38.0	28.0	31.0	73.0	59.0	2.0	2.0	0.5	1.5	NE	NW	-	-	2.6	4.2	29.0	36.0
10	27.0	31.0	40.0	43.0	33.0	38.0	29.0	30.0	73.0	54.0	2.0	2.0	0.8	1.5	SE	S	-	-	2.0	4.8	29.0	36.0
11	28.0	30.0	40.0	45.0	33.0	38.0	28.0	33.0	68.0	70.0	-	2.0	0.0	2.2	SE	SW	-	-	2.0	4.0	29.0	36.0
12	27.0	30.0	39.0	44.0	33.0	38.0	28.0	30.0	68.0	54.0	-	-	0.5	1.4	SW	S	-	-	2.0	4.0	29.0	36.0
13	28.0	32.0	40.0	45.0	34.0	39.0	28.0	31.0	74.0	55.0	-	-	0.1	2.9	S	SW	-	-	2.0	4.2	30.0	36.5
14	29.0	32.0	41.0	46.0	34.0	39.0	29.0	31.0	68.0	55.0	2.0	2.0	0.5	2.3	S	NW	-	-	2.0	4.2	30.5	37.5
15	29.0	33.0	41.0	47.0	35.0	41.0	29.0	32.0	62.0	52.0	2.0	2.0	0.2	2.5	NW	NW	-	-	2.5	4.4	31.0	37.5
16	30.0	32.0	43.0	47.0	35.0	42.0	30.0	33.0	69.0	53.0	2.0	-	0.2	2.3	NW	NW	-	-	2.4	4.6	31.0	37.5
17	30.0	32.0	43.0	47.0	35.0	41.0	30.0	32.0	69.0	52.0	-	-	0.5	2.0	NW	NW	-	-	2.4	4.6	30.5	37.0
18	31.0	33.0	42.0	47.0	35.0	42.0	31.0	33.0	75.0	53.0	2.0	2.0	0.5	2.4	NE	NW	-	-	2.4	4.6	31.5	37.5
19	30.0	33.0	44.0	47.0	31.0	41.0	27.0	32.0	73.0	52.0	-	-	1.7	2.1	NE	SW	0.2	-	2.2	4.6	30.0	37.0
20	29.0	32.0	38.0	46.0	35.0	38.0	30.0	31.0	68.0	59.0	-	-	1.0	2.4	SW	SW	-	-	2.0	4.4	30.0	37.0
21	29.0	31.0	39.0	45.0	35.0	38.0	30.0	31.0	68.0	59.0	-	-	0.7	1.9	S	S	-	-	2.0	4.0	30.0	37.0
22	28.0	32.0	41.0	47.0	35.0	40.0	30.0	32.0	68.0	56.0	2.0	-	0.2	1.0	NE	NE	-	-	2.0	4.0	30.0	37.0
23	29.0	32.0	36.0	46.0	34.0	41.0	30.0	33.0	74.0	57.0	-	-	1.0	2.0	S	NW	-	-	2.0	4.2	30.0	37.0
24	30.0	31.0	41.0	46.0	38.0	38.0	31.0	31.0	59.0	59.0	-	-	0.4	1.3	NE	NE	-	-	2.2	4.0	30.5	37.5
25	29.0	32.0	36.0	47.0	34.0	39.0	31.0	32.0	83.0	60.0	2.0	-	1.3	2.1	SE	NE	-	-	2.0	4.2	30.0	37.5
26	29.0	31.0	38.0	46.0	34.0	38.0	30.0	32.0	74.0	64.0	-	-	0.9	1.8	SE	NE	-	-	2.0	4.2	30.0	37.5
27	28.0	30.0	35.0	44.0	31.0	38.0	28.0	32.0	78.0	64.0	-	2.0	1.3	3.6	NE	NE	-	-	1.8	4.0	29.0	37.0
28	23.0	31.0	38.0	46.0	28.0	35.0	25.0	30.0	77.0	69.0	-	-	1.3	1.7	SW	S	26.2	-	1.2	4.0	27.0	37.0
29	28.0	32.0	39.0	44.0	35.0	35.0	30.0	29.0	69.0	63.0	2.0	2.0	1.0	2.0	NW	SW	-	-	2.0	4.0	29.5	38.0
30	28.0	32.0	36.0	44.0	31.0	36.0	28.0	30.0	79.0	63.0	-	-	0.3	3.3	S	SW	-	-	2.0	4.0	29.5	37.0
31	28.0	32.0	39.0	45.0	33.0	39.0	29.0	33.0	73.0	73.0	-	-	0.8	0.8	SW	SW	-	-	2.0	4.0	30.0	37.0
Total	895.0	978.0	1216.0	1416.0	1029.0	1178.0	889.0	954.0	2203.0	1830.0	28.0	28.0	20.7	62.9			26.4	0.0	68.0	130.4	917.0	1147.5
Average	28.9	31.5	39.2	45.7	33.2	38.0	28.7	30.8	71.1	59.0	0.9	0.9	0.7	2.0			0.9	0.0			29.6	37.0
	30.2		42.5		35.6		29.7		65.0		0.9		1.3				0.4		198.4		33.3	

* : One or more data missing LDoPM : Last day of previous month

Station Code : EMI00H3
Local River/Basin : Ib

Twice Daily Climatic Data

Station Name : SUNDERGAR
Sub-Division : Bur

JUNE 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	29.0	35.0	41.0	44.0	33.0	36.0	27.0	26.0	61.5	43.0	1.6	3.7	2.0	1.0	E	NE	-	-	4.0	4.4	30.0	37.0
2	29.0	31.0	40.0	43.0	33.0	34.0	26.0	27.0	55.5	56.0	2.6	4.4	2.0	2.0	NE	S	-	2.8	3.0	3.8	29.0	35.0
3	28.0	33.0	36.0	42.0	32.0	36.0	26.0	27.0	61.0	48.0	2.0	4.7	3.0	4.0	NE	SE	-	-	2.0	4.0	29.0	36.0
4	29.0	30.0	39.0	41.0	33.0	35.0	27.0	26.0	61.5	45.0	1.3	8.8	2.0	2.0	NE	NW	-	-	3.0	5.0	29.0	35.0
5	29.0	33.0	36.0	45.0	31.0	39.0	26.0	27.0	66.0	37.0	3.3	4.8	2.0	1.0	NE	SW	-	-	2.6	4.0	29.5	36.0
6	29.0	34.0	38.0	41.0	32.0	37.0	26.0	27.0	61.0	44.0	3.6	4.0	2.0	1.0	SW	NW	-	-	3.4	4.0	29.5	35.0
7	29.0	35.0	41.0	42.0	33.0	33.0	27.0	25.0	61.5	50.0	3.5	4.5	2.0	2.0	E	NE	-	-	3.0	4.2	30.0	36.0
8	30.0	25.0	42.0	42.0	32.0	24.0	26.0	23.0	61.0	91.0	2.4	5.1	1.0	2.0	W	NE	-	27.4	4.0	3.4	30.5	30.0
9	26.0	30.0	29.0	43.0	28.0	34.0	25.0	24.0	77.0	41.0	1.3	4.2	2.0	1.0	NW	SW	0.8	-	3.0	4.0	25.0	35.0
10	27.0	32.0	36.0	44.0	32.0	40.0	27.0	28.0	67.0	38.0	2.9	5.7	2.0	2.0	NW	W	-	-	2.0	4.0	29.0	36.0
11	30.0	34.0	42.0	44.0	34.0	40.0	26.0	27.0	51.0	34.0	2.0	5.1	1.0	2.0	SW	W	-	-	4.0	5.0	29.0	37.0
12	29.0	31.0	43.0	43.0	32.0	38.0	25.0	27.0	55.0	40.0	3.6	4.7	2.0	6.0	W	S	-	-	4.0	4.0	29.5	36.5
13	25.0	32.0	42.0	42.0	32.0	40.0	26.0	29.0	61.0	42.0	3.6	4.1	1.0	1.0	NW	SW	12.8	-	3.8	4.0	28.5	37.5
14	29.0	33.0	42.0	44.0	30.0	38.0	25.0	28.0	65.0	45.0	4.9	5.0	2.0	2.0	SW	W	-	-	4.0	5.0	29.0	37.0
15	28.0	31.0	41.0	43.0	32.0	34.0	26.0	26.0	61.0	51.0	2.6	5.5	1.0	1.0	N	NE	2.0	-	3.0	5.0	28.5	35.0
16	27.0	26.0	42.0	40.0	32.0	25.0	25.0	24.0	55.0	92.0	2.5	4.8	2.0	1.0	NE	NW	-	1.2	3.0	2.0	29.0	31.0
17	29.0	26.0	43.0	37.0	33.0	28.0	26.5	26.0	58.5	85.0	3.0	1.3	2.0	1.0	NW	SW	-	0.4	3.0	1.0	29.5	34.0
18	27.0	28.0	42.0	35.0	30.0	27.0	26.0	26.0	72.0	92.0	1.2	3.9	2.0	1.0	SW	E	-	4.2	2.0	0.2	28.5	32.0
19	27.0	32.0	43.0	34.0	30.0	31.0	26.0	26.0	66.0	66.0	3.3	4.8	2.0	3.0	NE	NW	-	-	2.0	4.0	28.0	34.0
20	28.0	29.0	33.0	35.0	31.0	36.0	27.0	27.0	72.5	48.0	2.8	5.0	2.0	2.0	NE	SE	-	-	3.0	3.0	28.0	35.0
21	28.0	31.0	38.0	39.0	30.0	36.0	26.0	27.0	72.0	48.0	4.3	4.4	3.0	1.0	S	SW	-	-	3.0	4.0	28.5	37.5
22	29.0	30.0	32.0	40.0	30.0	38.0	26.0	28.0	72.0	45.0	4.2	4.3	2.0	1.0	NE	S	-	-	2.4	4.0	28.0	37.0
23	29.0	32.0	38.0	39.0	32.0	31.0	27.0	26.0	67.0	66.0	3.5	4.5	2.0	4.0	NW	W	-	-	2.0	3.0	30.0	35.0
24	25.0	28.0	33.0	35.0	28.0	34.0	25.0	28.0	77.0	62.0	3.7	3.2	2.0	1.0	SW	W	7.0	-	2.0	2.0	28.0	34.0
25	28.0	31.0	34.0	36.0	29.0	33.0	26.0	27.0	78.0	61.5	1.4	3.6	2.0	1.0	S	N	-	-	2.0	2.4	29.0	35.0
26	29.0	27.0	37.0	37.0	32.0	31.0	27.0	27.0	67.0	72.5	1.3	3.7	1.0	1.0	NE	S	-	5.0	2.0	5.0	30.0	36.0
27	26.0	29.0	34.0	36.0	28.0	29.0	26.0	27.0	85.0	85.0	1.0	3.7	1.0	2.0	NE	SE	11.2	-	1.2	2.0	28.0	34.0
28	28.0	30.0	30.0	34.0	29.0	32.0	26.0	27.0	78.0	67.0	4.6	11.4	3.0	3.0	NE	NE	-	-	2.0	3.0	28.5	31.0
29	27.0	28.0	33.0	36.0	30.0	27.0	26.0	25.0	72.0	84.0	7.4	8.3	3.0	2.0	NE	E	-	31.4	2.0	3.4	28.0	31.0
30	26.0	30.0	30.0	30.0	29.0	29.0	26.0	26.0	78.0	6.2	6.2	2.0	2.0	2.0	NE	NE	-	-	2.0	2.0	28.0	28.0
Total	839.0	886.0*	1130.0	1156.0*	932.0	976.0*	782.5	768.0*	2002.0	1679.0*	91.3	141.1*	58.0	54.0*			33.8	72.4	82.4	102.8*	864.0	1010.5*
Average	28.0	30.6*	37.7	39.9*	31.1	33.7*	26.1	26.5*	66.7	57.9*	3.0	4.9*	1.9	1.9*			1.1	2.4			28.8	34.8*
	29.3*		38.8*		32.4*		26.3*		62.3*		4.0*		1.9*				1.8		185.2*		31.8*	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : SUNDERGARH
Sub-Division : Burla

Station Code : EM100H3
Local River/Basin : lb

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	28.0	31.0	35.0	38.0	30.0	36.0	26.0	29.0	72.0	58.0	3.1	4.4	1.0	2.0	NE	E	-	-	2.0	4.0	29.0	35.0
2	28.0	24.0	34.5	32.0	30.0	24.0	26.0	22.0	72.0	83.0	2.8	4.4	2.0	2.0	SW	NE	-	54.0	3.0	2.0	30.0	28.0
3	25.0	27.0	27.0	31.0	26.0	28.0	25.0	26.0	92.0	85.0	1.7	4.6	1.0	1.0	SW	SW	5.6	-	2.0	1.0	27.0	29.0
4	26.0	25.0	29.0	28.0	25.0	26.0	24.0	24.0	92.0	84.0	3.8	5.6	1.0	2.0	SW	W	51.2	7.0	10.0	3.0	25.0	27.0
5	25.0	26.0	27.0	27.0	26.0	25.0	24.0	24.0	92.0	92.0	2.9	5.3	2.0	1.0	S	SW	-	48.8	2.0	4.8	25.5	26.0
6	25.0	26.0	27.0	28.0	25.0	26.0	24.0	24.0	92.0	92.0	3.5	3.7	1.0	1.0	NE	S	2.4	6.0	3.0	2.0	25.0	27.0
7	26.0	27.0	27.0	29.0	26.0	26.0	25.0	24.0	92.0	84.0	0.8	4.4	1.0	2.0	SW	W	-	3.6	1.0	1.6	26.0	27.5
8	26.0	27.0	27.0	30.0	25.0	28.0	24.0	25.0	92.0	77.0	3.8	2.2	2.0	2.0	SE	SW	2.2	0.6	1.0	2.6	26.0	28.5
9	25.0	25.0	30.0	30.0	24.0	26.0	23.0	25.0	91.0	92.0	3.3	2.5	1.0	4.0	SE	W	-	1.2	1.0	1.2	25.0	30.0
10	24.0	25.0	28.0	32.0	24.0	28.0	23.0	26.0	91.0	85.0	3.8	2.8	4.0	1.0	SW	SW	4.6	0.8	0.6	1.8	25.0	32.0
11	26.0	26.0	31.0	30.0	26.0	28.0	24.0	26.0	84.0	85.0	2.5	2.6	2.0	2.0	S	W	-	2.2	2.0	1.2	26.5	29.5
12	27.0	26.0	30.0	31.0	26.0	28.0	25.0	25.0	92.0	77.0	2.6	6.1	2.0	1.0	SW	SW	-	-	1.0	2.0	26.0	31.0
13	25.0	25.0	30.0	30.0	24.0	27.0	23.0	26.0	91.0	92.0	3.3	4.8	1.0	1.0	S	SW	1.6	1.6	0.6	0.4	25.5	29.0
14	27.0	26.0	29.0	32.0	27.0	25.0	25.0	24.0	92.0	92.0	1.9	4.2	1.0	1.0	SW	SW	-	16.8	2.0	2.8	27.0	30.0
15	26.0	27.0	28.0	32.0	26.0	27.0	25.0	25.0	92.0	84.0	3.0	5.0	2.0	2.0	SW	E	8.4	-	2.2	2.0	27.0	31.0
16	25.0	25.0	28.0	28.0	25.0	25.0	24.0	24.0	92.0	92.0	2.7	3.4	1.0	1.0	SW	S	24.8	14.0	2.8	4.0	26.0	27.0
17	25.0	26.0	26.0	32.0	26.0	26.0	25.0	25.0	92.0	92.0	2.9	4.8	1.0	1.0	W	SW	26.2	11.4	8.0	5.4	26.0	30.5
18	24.0	25.0	27.0	31.0	24.0	28.0	23.0	26.0	91.0	85.0	2.5	3.7	1.0	1.0	SW	NW	47.6	-	3.6	1.0	24.5	30.5
19	26.0	26.0	30.0	30.0	26.0	26.0	24.0	25.0	84.0	92.0	1.7	5.4	1.0	2.0	S	N	-	38.4	1.0	8.4	26.0	28.5
20	26.0	27.0	27.0	33.0	26.0	28.0	25.0	26.0	92.0	85.0	0.9	3.8	1.0	1.0	SE	E	1.2	-	1.2	2.0	27.0	34.0
21	27.0	27.0	29.0	33.0	28.0	26.0	26.0	25.0	85.0	92.0	0.7	3.3	1.0	8.0	SE	S	3.4	-	1.4	3.0	28.0	32.5
22	26.0	28.0	28.0	34.0	26.0	28.0	25.0	26.0	92.0	85.0	2.7	3.0	1.0	2.0	E	SE	1.0	-	1.0	2.0	27.5	32.0
23	27.0	29.0	29.0	35.0	29.0	30.0	26.0	27.0	78.0	78.0	1.4	3.3	1.0	2.0	E	S	-	-	2.0	2.0	28.0	33.0
24	26.0	26.0	32.0	34.0	30.0	28.0	26.0	26.0	77.0	85.0	2.5	3.2	1.0	2.0	SW	S	-	-	2.0	2.0	29.0	34.0
25	27.0	30.0	34.0	35.0	30.0	30.0	27.0	27.0	78.0	78.0	1.2	3.5	1.0	2.0	E	SE	-	-	3.0	2.0	29.0	34.0
26	26.0	25.0	31.0	30.0	26.0	24.0	25.0	23.0	91.0	91.0	2.3	3.7	1.0	1.0	SW	S	0.6	27.0	1.6	3.0	27.0	29.0
27	25.0	26.0	26.0	32.0	25.0	25.0	24.0	27.0	92.0	78.0	1.1	2.8	1.0	1.0	E	SE	26.0	-	6.0	2.0	25.0	34.0
28	26.0	29.0	32.0	36.0	28.0	34.0	26.0	28.0	85.0	62.0	1.4	2.8	1.0	2.0	S	SW	-	-	2.0	3.0	27.0	36.0
29	27.0	31.0	35.0	35.0	29.0	29.0	27.0	26.0	85.0	78.0	1.5	3.8	2.0	1.0	SE	E	-	-	2.0	2.0	29.5	35.5
30	28.0	29.0	31.0	35.0	30.0	28.0	27.0	26.0	78.0	85.0	0.7	3.2	1.0	1.0	E	W	-	0.4	2.0	2.4	29.0	34.0
31	26.0	29.0	29.0		28.0		26.0		85.0		1.6		1.0		NW		1.2		3.2		27.5	
Total	806.0	832.0	915.5	991.0	826.0	862.0	772.0	791.0	2686.0	2582.0	70.3	125.8	41.0	55.0			208.0	233.8	76.2	78.6	831.5	960.0
Average	26.0	26.8	29.5	32.0	26.6	27.8	24.9	25.5	86.6	83.3	2.3	4.1	1.3	1.8			6.7	7.5			26.8	31.0
	26.4		30.8		27.2		25.2		85.0		3.2		1.5				7.1		154.8		28.9	

Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : lb

Station Name : SUNDERG
Sub-Division : B

AUG 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		28.0		34.0		29.0		26.0		78.0		3.1		1.0		NE		-		2.0		34.0
1	27.0	28.0	29.0	34.0	28.0	29.0	26.0	27.0	85.0	1.1	1.8	3.0	1.0	1.0	SW	W	18.0	13.6	4.0	3.6	28.0	32.0
2	26.0	28.0	30.0	31.0	27.0	29.0	25.0	26.0	84.0	1.2	2.3	1.0	1.0	1.0	E	NE	3.4	-	1.4	1.0	27.0	31.5
3	25.0	27.0	29.0	33.0	27.0	28.0	26.0	26.0	92.0	0.9	2.8	2.0	2.0	1.0	NE	SW	2.6	3.2	1.6	1.2	28.0	32.0
4	26.0	28.0	30.0	32.0	28.0	29.0	26.0	26.0	85.0	2.1	6.3	4.0	1.0	1.0	NNE	W	22.2	5.8	2.2	2.8	27.5	31.0
5	27.0	28.0	29.0	31.0	27.0	28.0	25.0	26.0	84.0	1.1	2.5	1.0	2.0	2.0	SE	SW	4.6	6.2	2.6	2.2	27.0	28.5
6	26.0	27.0	28.0	29.0	26.0	26.0	25.0	25.0	92.0	1.5	4.2	2.0	2.0	2.0	S	SW	11.0	12.2	2.0	2.2	27.0	27.0
7	26.0	27.0	28.0	28.0	25.0	26.0	24.0	25.0	92.0	3.4	6.0	2.0	1.0	1.0	SW	S	16.2	0.6	4.2	2.6	26.5	27.0
8	25.0	26.0	26.0	31.0	25.0	28.0	24.0	25.0	92.0	2.1	4.6	2.0	2.0	2.0	SW	S	-	-	0.6	2.0	25.5	30.0
9	26.0	28.0	30.0	32.0	27.0	29.0	25.0	26.0	84.0	1.0	4.2	2.0	1.0	1.0	W	SW	-	-	1.0	2.0	26.5	31.0
10	26.0	27.0	29.0	30.0	25.0	27.0	24.0	25.0	92.0	1.1	4.2	2.0	1.0	1.0	S	NE	3.6	14.2	0.6	4.2	26.0	30.0
11	27.0	28.0	29.0	30.0	28.0	27.0	26.0	25.0	85.0	2.3	5.3	3.0	1.0	1.0	NW	W	0.4	1.4	2.4	0.4	27.0	30.0
12	26.0	29.0	28.0	32.0	29.0	28.0	26.0	26.0	78.0	3.3	6.6	4.0	3.0	3.0	W	SW	4.4	-	1.4	2.0	28.0	31.0
13	27.0	26.0	30.0	31.0	26.0	28.0	25.0	26.0	92.0	2.9	4.0	1.0	1.0	1.0	SW	S	0.4	-	2.4	1.0	26.5	29.5
14	26.0	27.0	29.0	30.0	26.0	29.0	25.0	28.0	92.0	1.5	4.3	1.0	1.0	1.0	SW	W	0.6	0.8	0.6	0.6	27.0	33.0
15	27.0	31.0	30.0	30.0	28.0	28.0	26.0	25.0	85.0	2.2	2.2	1.0	1.0	1.0	SW	SW	1.6	2.6	1.4	0.6	28.0	30.0
16	26.0	27.0	28.0	30.0	26.0	28.0	25.0	26.0	92.0	1.2	2.6	2.0	3.0	3.0	W	SW	1.0	2.6	2.0	0.6	26.5	29.5
17	27.0	27.0	29.0	32.0	27.0	25.0	25.0	24.0	84.0	1.0	4.2	1.0	1.0	1.0	SW	NW	-	1.8	1.0	0.8	27.0	28.0
18	26.0	26.0	27.0	28.0	25.0	25.0	24.0	24.0	92.0	2.7	5.7	1.0	2.0	2.0	SW	SW	6.0	-	2.0	1.0	25.0	27.0
19	26.0	28.0	28.0	31.0	27.0	30.0	25.0	28.0	84.0	2.7	4.4	6.0	2.0	2.0	SW	SW	-	-	2.0	2.0	26.0	30.0
20	26.0	28.0	32.0	35.0	28.0	32.0	26.0	27.0	85.0	0.1	3.7	1.0	2.0	2.0	SE	W	-	-	2.0	2.0	25.5	34.0
21	25.0	27.0	33.0	31.0	27.0	30.0	25.0	28.0	84.0	0.8	4.5	2.0	2.0	2.0	SW	SW	-	-	2.0	2.0	27.5	34.5
22	27.0	28.0	32.0	30.0	27.0	26.0	26.0	25.0	92.0	0.9	2.7	1.0	1.0	1.0	SW	SW	-	1.6	2.0	1.6	26.0	30.0
23	25.0	26.0	30.0	32.0	24.0	26.0	23.0	25.0	91.0	1.7	1.4	1.0	1.0	1.0	SE	SE	39.4	19.0	1.4	3.0	25.5	29.0
24	25.0	27.0	28.0	32.0	26.0	30.0	24.0	28.0	84.0	0.8	1.7	1.0	1.0	1.0	NE	SW	-	1.0	1.0	2.0	27.0	34.0
25	25.0	26.0	26.0	34.0	24.0	32.0	23.5	28.0	96.0	0.3	3.1	1.0	1.0	1.0	N	E	-	10.8	2.8	4.0	26.0	36.0
26	26.0	25.0	32.0	32.0	26.0	27.0	25.0	26.0	92.0	2.4	3.3	2.0	1.0	1.0	NE	N	6.4	4.6	3.4	1.6	28.0	32.0
27	27.0	28.0	30.0	34.0	28.0	32.0	26.0	28.0	85.0	2.8	6.0	2.0	2.0	6.0	NE	E	3.2	-	3.2	2.0	28.0	34.5
28	26.0	30.0	32.0	33.0	30.0	31.0	28.0	28.0	85.0	1.9	2.2	1.0	1.0	1.0	E	NE	-	-	2.0	2.0	28.5	35.5
29	28.0	31.0	34.0	38.0	32.0	33.0	28.0	28.0	73.0	0.6	3.8	1.0	1.0	1.0	NE	SE	-	-	2.0	2.0	29.0	38.0
30	26.0	29.0	33.0	36.0	30.0	27.0	26.0	26.0	78.0	0.9	1.9	2.0	3.0	3.0	SE	S	11.2	1.0	2.2	2.0	30.0	35.0
31	27.0	30.0	30.0		28.0		26.0		85.0	1.7		3.0			E		1.6		2.6		27.5	
Total	81.0	85.0	91.0	98.0	83.0	88.0	78.5	81.0	269.0	50.0	115.8	59.0	49.0				157.8	103.0	62.0	58.0	838.5	974.5
Average	26.2	27.5	29.6	31.8	27.0	28.5	25.3	26.2	87.0	1.6	3.7	1.9	1.6				5.1	3.3			27.0	31.4
	26.8		30.7		27.7		25.8		85.5	2.7		1.7					4.2		120.0		29.2	

Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : Ib

Station Name : SUNDERGAR
Sub-Division : Buri

SEPT 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
UPoPM																						
1	27.0	26.0	32.0	34.0	28.0	32.0	27.0	25.0	92.0	92.0	0.9	2.7	2.0	1.0	SW	NNW	-	44.4	2.0	4.4	28.5	31.0
2	26.0	27.0	28.0	33.0	27.0	27.0	25.0	26.0	84.0	92.0	1.3	2.9	2.0	1.0	W	SW	0.4	2.6	2.4	2.6	27.5	31.0
3	27.0	26.0	28.0	32.0	27.0	25.0	24.0	24.0	84.0	92.0	1.9	2.5	2.0	1.0	SW	SW	1.2	30.2	2.2	6.2	28.0	29.0
4	25.0	26.0	26.0	30.0	25.0	27.0	24.0	26.0	92.0	92.0	1.2	2.9	1.0	1.0	SW	S	3.2	-	1.2	1.0	26.0	29.5
5	26.0	26.0	27.0	28.0	25.0	26.0	24.0	24.0	92.0	84.0	0.9	2.5	2.0	1.0	SW	SW	1.0	5.6	1.0	1.6	26.0	28.0
6	25.0	24.0	27.0	28.0	26.0	23.0	25.0	22.0	92.0	91.0	0.6	2.9	2.0	2.0	SE	SE	2.4	5.2	2.4	0.8	25.0	25.0
7	25.0	26.0	26.0	28.0	26.0	24.0	25.0	23.0	92.0	91.0	1.4	2.7	2.0	2.0	SE	SW	0.8	-	1.8	1.0	25.0	26.5
8	24.0	27.0	25.0	33.0	26.0	26.0	25.0	24.0	92.0	84.0	1.2	1.8	1.0	2.0	S	SW	-	12.2	1.0	0.2	25.0	31.0
9	26.0	27.0	27.0	32.0	27.0	30.0	26.0	27.0	92.0	78.0	0.9	2.4	1.0	1.0	SW	N	2.6	-	2.6	2.0	27.0	34.0
10	27.0	26.0	30.0	31.0	26.0	26.0	25.0	25.0	92.0	92.0	1.4	2.5	2.0	1.0	NE	NE	1.6	2.6	2.6	1.6	27.5	32.0
11	26.0	28.0	28.0	34.0	27.0	30.0	26.0	27.0	92.0	78.0	1.9	3.4	1.0	1.0	NE	NE	1.2	-	2.2	2.0	27.0	36.0
12	26.0	26.0	32.0	30.0	26.0	26.0	24.0	26.0	84.0	92.0	1.3	2.0	2.0	1.0	NE	NE	1.4	4.0	2.4	-	28.0	32.0
13	27.0	27.0	30.0	33.0	27.0	30.0	25.0	27.0	84.0	78.0	1.0	4.5	2.0	1.0	NE	NE	0.2	-	2.2	1.0	27.0	34.0
14	26.0	28.0	31.0	34.0	27.0	29.0	25.0	27.0	84.0	85.0	2.9	3.7	2.0	1.0	NE	NNE	-	0.2	2.0	2.2	28.0	33.5
15	26.0	28.0	31.0	33.0	28.0	30.0	26.0	27.0	85.0	78.0	1.5	3.0	2.0	1.0	NE	NE	6.6	0.2	2.6	1.2	28.0	34.5
16	25.0	30.0	30.0	35.0	29.0	30.0	27.0	27.0	85.0	78.0	1.0	1.9	1.0	1.0	SE	S	-	-	2.0	2.0	28.5	37.0
17	27.0	29.0	35.0	35.0	28.0	30.0	27.0	28.0	92.0	85.0	0.5	2.3	2.0	2.0	NE	SE	-	-	1.0	2.0	29.0	35.0
18	27.0	31.0	32.0	37.0	30.0	30.0	27.0	28.0	78.0	85.0	0.7	1.7	4.0	1.0	E	N	-	-	1.0	2.0	28.5	37.0
19	26.0	30.0	34.0	36.0	29.0	32.0	26.0	29.0	78.0	79.0	1.2	1.8	2.0	1.0	W	SE	-	-	2.0	2.0	28.5	36.0
20	27.0	30.0	33.0	35.0	29.0	30.0	27.0	28.0	85.0	85.0	0.7	1.5	1.0	1.0	NE	NE	-	-	2.0	2.0	29.0	35.5
21	26.0	29.0	33.0	33.0	29.0	29.0	27.0	26.0	85.0	72.0	1.1	2.8	1.0	3.0	NE	SE	3.2	-	2.0	2.0	28.5	35.0
22	25.0	26.0	31.0	32.0	28.0	25.0	24.0	24.0	77.0	92.0	4.2	3.3	4.0	2.0	NE	NW	0.6	13.4	1.6	1.4	28.0	30.0
23	26.0	27.0	28.0	33.0	27.0	28.0	24.0	26.0	77.0	85.0	2.8	4.2	3.0	2.0	E	NE	-	-	2.0	1.0	26.5	30.0
24	26.0	32.0	30.0	34.0	28.0	28.0	26.0	25.0	77.0	85.0	2.3	3.2	2.0	2.0	NE	E	2.8	-	1.8	2.0	27.5	33.0
25	27.0	28.0	30.0	32.0	29.0	30.0	27.0	28.0	85.0	85.0	1.6	1.8	2.0	1.0	E	NE	-	-	2.0	1.0	28.0	34.0
26	26.0	26.0	31.0	33.0	28.0	30.0	26.0	27.0	85.0	78.0	1.7	2.1	1.0	2.0	SE	E	10.2	-	2.2	2.0	28.0	30.0
27	27.0	26.0	32.0	32.0	29.0	28.0	27.0	24.0	85.0	70.0	1.5	4.1	3.0	1.0	NE	NE	0.2	20.8	1.2	4.8	27.0	30.0
28	25.0	27.0	31.0	32.0	26.0	28.0	25.0	26.0	92.0	85.0	2.0	3.1	2.0	2.0	NE	SW	22.2	0.4	0.2	0.4	27.5	32.0
29	26.0	27.0	30.0	33.0	27.0	29.0	25.0	27.0	84.0	85.0	3.2	4.3	4.0	3.0	E	NE	-	-	2.0	1.0	27.0	30.0
30	26.0				27.0		25.0		84.0		2.0		2.0		NE		-	-	1.0		27.0	
Total	781.0	827.0	899.0	978.0	821.0	845.0	768.0	781.0	2582.0	2521.0	46.6	83.1	60.0	43.0			61.8	141.8	54.6	54.4	822.0	965.5
Average	26.0	27.6	30.0	32.6	27.4	28.2	25.6	26.0	86.1	84.0	1.6	2.8	2.0	1.4			2.1	4.7			27.4	32.2
	26.8		31.3		27.8		25.8		85.1		2.2		1.7				3.4		109.0		29.8	

* : One or more data missing LDOPM : Last day of previous mon

Twice Daily Climatic Data

Station Code : EMI00H3
Local River/Basin : Ib

Station Name : SUNDERGA
Sub-Division : Bu

OCT 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LpoPM																						
1	25.5	26.0	29.5	32.0	29.0	28.0	26.0	25.0	78.0	77.0	2.0	2.0	2.2	7.9	NE	SW	-	0.2	2.0	2.2	27.0	33.0
2	26.0	27.0	30.0	33.0	27.0	30.0	25.0	28.0	84.0	85.0	2.0	1.0	2.2	3.1	NE	E	3.2	-	1.4	2.0	27.5	29.0
3	27.0	30.0	33.0	35.0	30.0	30.0	27.0	27.0	78.0	78.0	2.0	1.0	0.2	0.2	E	SW	-	-	2.0	2.0	28.0	34.0
4	26.0	28.0	31.0	36.0	29.0	30.0	27.0	28.0	85.0	85.0	2.0	1.0	1.4	1.6	SE	SW	7.4	-	1.4	2.0	25.5	35.5
5	25.0	26.0	32.0	35.0	28.0	26.0	26.0	24.0	85.0	84.0	2.0	1.0	0.3	2.1	NE	SW	-	-	1.0	2.0	28.0	32.0
6	26.0	24.0	28.0	32.0	27.0	24.0	25.0	23.0	84.0	91.0	2.0	1.0	0.3	3.1	SW	W	1.6	11.6	2.6	1.6	27.5	26.0
7	25.0	27.0	30.0	32.0	27.0	27.0	25.0	24.0	84.0	77.0	2.0	2.0	0.4	4.7	NE	S	1.2	-	2.2	1.0	27.0	32.5
8	26.0	27.0	28.0	32.0	27.0	26.0	26.0	25.0	92.0	92.0	2.0	4.0	0.5	2.7	E	NW	0.8	2.0	1.8	1.0	26.5	31.5
9	26.0	26.0	28.0	28.0	26.0	27.0	25.0	26.0	92.0	92.0	2.0	2.0	0.3	2.2	N	SW	-	-	1.0	1.0	26.5	32.0
10	26.0	27.0	30.0	33.0	29.0	30.0	27.0	28.0	85.0	85.0	2.0	1.0	0.3	2.7	NE	NE	-	-	1.0	2.0	26.5	35.0
11	25.0	26.0	33.0	30.0	27.0	30.0	24.0	27.0	77.0	78.0	2.0	1.0	0.5	1.6	NW	SW	1.6	-	2.6	2.0	26.0	32.5
12	22.0	25.0	31.0	34.0	25.0	28.0	24.0	25.0	92.0	77.0	1.0	1.0	0.1	1.6	NE	SW	-	-	1.0	2.0	24.0	31.5
13	21.0	23.0	30.0	36.0	26.0	27.0	22.0	23.0	69.0	70.0	2.0	1.0	0.6	1.7	E	NW	-	-	2.0	2.0	23.0	31.0
14	20.0	24.0	30.0	35.0	26.0	27.0	22.0	24.0	69.0	77.0	2.0	1.0	0.8	1.7	NE	NE	-	-	2.0	1.0	22.5	31.0
15	19.0	25.0	30.0	34.0	24.0	26.0	21.0	22.0	75.0	69.0	2.0	1.0	0.6	1.6	NE	NW	-	-	1.0	1.0	22.0	30.0
16	18.0	25.0	31.0	33.0	24.0	26.0	21.0	23.0	75.0	76.0	2.0	1.0	0.7	2.2	NE	W	-	-	2.0	2.0	22.0	30.0
17	18.0	25.0	30.0	34.0	25.0	27.0	22.0	24.0	76.0	77.0	4.0	1.0	0.5	2.6	E	NE	-	-	2.0	1.0	21.0	30.5
18	21.0	26.0	31.0	33.0	25.0	27.0	23.0	23.0	84.0	70.0	2.0	1.0	0.4	1.3	NE	NE	-	-	2.0	1.0	23.0	31.0
19	22.0	25.0	30.0	34.0	24.0	27.0	22.0	23.0	83.0	70.0	2.0	1.0	1.1	2.2	E	NW	-	-	2.0	1.0	23.5	31.0
20	19.0	24.0	30.0	35.0	22.0	26.0	20.0	22.0	82.0	69.0	2.0	1.0	0.5	1.9	NE	NE	-	-	2.0	1.0	21.5	30.0
21	18.0	25.0	31.0	33.0	24.0	26.0	21.0	23.0	75.0	76.0	2.0	1.0	0.4	2.3	E	NE	-	-	2.0	1.0	22.0	30.5
22	18.0	24.0	30.0	34.0	24.0	25.0	21.0	22.0	75.0	76.0	2.0	1.0	0.4	2.0	NE	NW	-	-	2.0	2.0	22.0	30.0
23	19.0	25.0	29.0	34.0	23.0	26.0	20.0	22.0	75.0	75.0	2.0	1.0	0.5	3.6	NE	NW	-	-	2.0	2.0	22.0	30.0
24	17.0	24.0	30.0	34.0	22.0	26.0	18.0	23.0	66.0	76.0	2.0	1.0	0.4	4.9	E	SW	-	-	2.0	2.0	20.5	29.5
25	18.0	24.0	30.0	35.0	22.0	26.0	19.0	21.0	74.0	62.0	2.0	1.0	1.4	4.1	NE	N	-	-	2.0	1.0	20.0	29.0
26	18.0	25.0	30.0	35.0	23.0	26.0	20.0	22.0	75.0	69.0	2.0	1.0	0.4	3.9	NW	NW	-	-	2.0	1.0	20.0	29.0
27	17.0	23.0	29.0	35.0	22.0	27.0	18.0	23.0	66.0	76.0	4.0	1.0	0.4	3.7	NE	N	-	-	2.0	0.8	19.0	29.0
28	18.0	22.0	28.0	34.0	23.0	27.0	20.0	24.0	75.0	77.0	4.0	1.0	0.4	3.6	NE	NW	-	-	2.0	2.0	20.0	30.0
29	20.0	26.0	29.0	32.0	24.0	27.0	21.0	24.0	75.0	77.0	2.0	1.0	0.3	0.6	E	NE	-	-	2.0	1.0	22.0	31.0
30	20.0	21.0	28.0	32.0	24.0	27.0	21.0	23.0	75.0	70.0	2.0	1.0	0.4	3.7	NE	NE	-	-	2.0	2.0	24.0	30.0
31	18.0	30.0	30.0	23.0	23.0	21.0	21.0	23.0	83.0	70.0	2.0	0.6	0.6	0.6	NE	NE	-	-	2.0	2.0	22.0	22.0
Total	664.5	783.0	929.5	1038.0	781.0	838.0	700.0	745.0	2391.0	2391.0	67.0	43.3	19.2	83.1			15.8	16.6	57.0	45.4	73.0	957.0
Average	21.4	25.3	30.0	33.5	25.2	27.0	22.6	24.0	78.8	77.1	2.2	1.4	0.6	2.7			0.5	0.5			23.6	30.9
	23.3	31.7			26.1		23.3		78.0		1.8		1.6				0.5		102.4		27.3	

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Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : Ib

Station Name : SUNDERGARH
Sub-Division : Burla

NOV 2016

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPQPM		25.0		31.0		27.0		23.0		70.0		1.0		3.6		E						
1	20.0	21.0	29.0	32.0	27.0	27.0	22.0	23.0	63.0	70.0	2.0	1.0	0.4	5.0	NE	NE	-	-	1.0	1.0	23.0	30.0
2	20.0	25.0	29.0	32.0	24.0	27.0	21.0	22.0	75.0	63.0	2.0	1.0	0.2	4.7	NE	NW	-	-	2.0	1.0	22.5	30.0
3	20.0	25.0	29.0	32.0	25.0	27.0	22.0	23.0	76.0	70.0	2.0	1.0	0.7	6.7	NE	NE	-	-	1.0	2.0	21.5	30.0
4	21.0	23.0	30.0	31.0	24.0	27.0	21.0	24.0	75.0	77.0	2.0	1.0	0.4	6.8	N	SW	-	-	2.0	1.0	22.5	29.0
5	20.0	23.0	30.0	32.0	23.0	27.0	21.0	22.0	83.0	63.0	2.0	1.0	0.6	5.2	NNE	N	-	-	1.0	2.0	21.5	29.5
6	21.0	22.0	24.0	30.0	24.0	28.0	21.0	25.0	75.0	77.0	2.0	1.0	0.4	2.8	NE	NW	-	-	2.0	2.0	22.0	29.0
7	20.0	21.0	25.0	32.0	24.0	26.0	20.0	23.0	68.0	76.0	2.0	1.0	0.4	1.8	NW	E	-	-	1.0	1.0	20.0	28.0
8	17.0	21.0	24.0	33.0	19.0	24.0	16.0	20.0	72.0	68.0	2.0	1.0	0.8	2.2	SW	NW	-	-	1.0	1.0	16.0	27.0
9	16.0	19.0	24.0	31.0	18.0	22.0	16.0	19.0	80.0	74.0	2.0	1.0	0.5	1.7	NE	NE	-	-	1.0	1.0	16.0	25.0
10	14.0	14.0	25.0	31.0	17.0	23.0	15.0	19.0	80.0	67.0	2.0	1.0	0.2	1.6	SW	SE	-	-	1.0	1.0	15.0	25.0
11	15.0	14.0	27.0	31.0	21.0	22.0	18.0	19.0	73.0	74.0	2.0	1.0	0.3	2.0	NE	W	-	-	1.0	1.0	20.5	26.0
12	16.0	20.0	23.0	31.0	21.0	24.0	18.0	20.0	73.0	68.0	2.0	1.0	0.5	2.8	NE	N	-	-	1.0	1.0	19.5	27.0
13	17.0	20.0	22.0	32.0	20.0	25.0	18.0	21.0	81.0	68.0	2.0	2.0	0.4	2.5	N	NE	-	-	2.0	1.0	18.0	27.0
14	17.0	19.0	23.0	32.0	18.0	24.0	17.0	21.0	90.0	75.0	3.0	1.0	0.3	2.8	NW	NE	-	-	1.0	1.0	18.0	27.0
15	16.0	20.0	25.0	31.0	20.0	25.0	18.0	21.0	81.0	68.0	2.0	1.0	0.6	3.2	SW	NE	-	-	1.0	1.0	19.0	27.0
16	14.0	19.0	27.0	32.0	19.0	25.0	18.0	20.0	90.0	61.0	2.0	1.0	0.3	2.8	NE	W	-	-	1.0	1.0	18.5	27.0
17	14.0	20.0	27.0	31.0	19.0	23.0	16.0	18.0	72.0	59.0	3.0	1.0	0.5	2.3	E	W	-	-	1.0	1.0	16.5	26.0
18	13.0	18.0	25.0	31.0	17.0	25.0	15.0	20.0	80.0	61.0	4.0	1.0	0.4	2.9	NE	NE	-	-	1.0	1.0	15.5	26.0
19	12.0	18.0	26.0	32.0	17.0	24.0	15.0	18.0	80.0	53.0	2.0	1.0	0.4	2.6	NE	W	-	-	2.0	1.0	15.0	26.0
20	12.0	14.0	25.0	32.0	16.0	24.0	14.0	18.0	79.0	57.0	2.0	1.0	0.4	2.2	N	NW	-	-	2.0	1.0	15.0	26.0
21	13.0	18.0	27.0	32.0	19.0	24.0	17.0	20.0	81.0	68.0	1.0	1.0	0.5	2.4	N	NE	-	-	1.0	1.0	16.0	25.0
22	13.0	18.0	25.0	32.0	17.0	24.0	15.0	19.0	80.0	60.0	1.0	1.0	0.6	2.3	NE	NW	-	-	1.0	1.0	15.0	26.0
23	12.0	19.0	29.0	32.0	20.0	24.0	17.0	19.0	75.0	60.0	2.0	1.0	0.7	2.0	NE	SE	-	-	1.0	1.0	15.5	26.0
24	13.0	19.0	28.0	33.0	19.0	25.0	15.0	20.0	63.0	61.0	1.0	1.0	0.3	2.3	N	W	-	-	1.0	1.0	16.0	26.0
25	11.0	18.0	28.0	32.0	16.0	22.0	14.0	18.0	79.0	66.0	2.0	1.0	0.3	2.4	NE	SW	-	-	2.0	1.0	14.5	25.0
26	12.0	18.0	25.0	32.0	16.0	24.0	14.0	18.0	79.0	57.0	2.0	1.0	0.5	2.3	NE	SW	-	-	1.0	1.0	15.0	26.0
27	12.0	16.0	27.0	32.0	15.0	24.0	14.0	19.0	89.0	60.0	2.0	1.0	0.4	2.2	N	W	-	-	1.0	1.0	15.0	26.0
28	14.0	18.0	26.0	32.0	18.0	25.0	16.0	20.0	80.0	61.0	2.0	1.0	0.5	1.9	NE	N	-	-	2.0	1.0	15.0	26.0
29	12.0	20.0	24.0	32.0	18.0	23.0	16.0	16.0	80.0	67.0	2.0	1.0	0.6	2.1	NW	NW	-	-	1.0	2.0	15.0	25.0
30	13.0		25.0		17.0		15.0		80.0		2.0		0.4		NE		-	-	1.0		15.0	
Total	463.0	585.0	783.0	951.0	588.0	741.0	515.0	608.0	2332.0	1979.0	61.0	31.0	13.5	87.9			0.0	0.0	38.0	35.0	527.5	808.5
Average	15.4	19.5	26.1	31.7	19.6	24.7	17.2	20.3	77.7	66.0	2.0	1.0	0.4	2.9			0.0	0.0			17.6	27.0
	17.5		28.9		22.2		18.7		71.9		1.5		1.7				0.0		73.0		22.3	

Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : lb

Station Name : SUNDERGA
Sub-Division : Bt

DEC 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		18.0		30.0		24.0		19.0		60.0		1.0		2.3		N		-		1.0		25.0
1	14.0	19.0	21.0	29.0	18.0	21.0	16.0	19.0	80.0	82.0	2.0	1.0	0.4	2.4	NE	NW	-	-	1.0	1.0	15.0	26.0
2	16.0	19.0	23.0	30.0	19.0	22.0	18.0	19.0	90.0	74.0	2.0	1.0	0.3	3.4	NE	W	-	-	1.0	1.0	17.0	26.0
3	17.0	23.0	24.0	31.0	20.0	23.0	18.0	20.0	81.0	75.0	2.0	2.0	0.2	3.9	NE	NE	-	-	1.0	1.0	18.0	26.0
4	15.0	18.0	25.0	31.0	17.0	24.0	16.0	20.0	90.0	68.0	1.0	2.0	0.3	2.7	NW	NW	-	-	1.0	1.0	18.0	26.0
5	15.0	19.0	25.0	32.0	18.0	23.0	17.0	19.0	90.0	67.0	1.0	1.0	0.4	2.6	NW	S	-	-	1.0	1.0	17.0	25.0
6	14.0	17.0	24.0	28.0	17.0	22.0	15.0	17.0	80.0	58.0	1.0	1.0	0.4	3.4	E	NW	-	-	1.0	1.0	16.0	24.5
7	12.0	17.0	20.0	28.0	17.0	22.0	15.0	17.0	80.0	58.0	2.0	1.0	0.5	3.1	NE	NW	-	-	1.0	1.0	14.5	24.5
8	14.0	19.0	25.0	29.0	19.0	22.0	16.0	18.0	72.0	66.0	4.0	1.0	0.8	2.4	NE	W	-	-	1.0	1.0	15.0	24.5
9	12.0	17.0	28.0	29.0	16.0	22.0	15.0	18.0	89.0	66.0	2.0	1.0	0.5	2.9	NE	W	-	-	0.8	2.0	14.5	24.5
10	13.0	19.0	29.0	29.0	19.0	22.0	16.0	18.0	72.0	66.0	2.0	1.0	0.6	2.7	NE	E	-	-	1.0	0.7	15.0	24.5
11	13.0	17.0	25.0	32.0	16.0	22.0	15.0	18.0	89.0	66.0	2.0	1.0	0.8	2.8	NE	NW	-	-	1.0	0.8	14.0	24.5
12	12.0	21.0	25.0	32.0	19.0	24.0	16.0	19.0	72.0	60.0	2.0	1.0	0.5	3.1	N	W	-	-	2.0	1.0	15.5	25.0
13	12.0	20.0	24.0	33.0	19.0	24.0	16.0	18.0	72.0	53.0	2.0	1.0	0.7	3.3	NW	N	-	-	1.0	1.0	16.0	26.0
14	13.0	20.0	25.0	31.0	17.0	23.0	14.0	17.0	70.0	49.0	2.0	1.0	0.7	3.0	NW	NE	-	-	1.0	2.0	15.0	24.0
15	11.0	17.0	27.0	29.0	17.0	23.0	14.0	16.0	70.0	50.0	2.0	1.0	0.7	3.6	NE	NW	-	-	1.0	2.0	14.0	24.0
16	11.0	15.0	24.0	29.0	14.0	22.0	13.0	17.0	89.0	58.0	2.0	1.0	0.6	3.0	NE	SW	-	-	1.0	1.0	13.0	24.0
17	10.0	17.0	25.0	30.0	16.0	20.0	13.0	15.0	69.0	56.0	2.0	2.0	0.7	2.1	NE	NW	-	-	1.0	1.0	13.0	24.0
18	10.0	14.0	23.0	28.0	16.0	19.0	13.0	15.0	69.0	63.0	2.0	1.0	0.8	3.0	NE	NW	-	-	2.0	1.0	12.5	23.5
19	10.0	17.0	21.0	29.0	16.0	21.0	13.0	16.0	69.0	57.0	2.0	1.0	0.8	2.7	NE	SW	-	-	2.0	1.0	12.0	21.5
20	9.0	12.0	22.0	29.0	12.0	22.0	11.0	16.0	88.0	50.0	4.0	1.0	0.6	2.5	NE	NE	-	-	2.0	1.0	11.5	21.0
21	9.0	13.0	25.0	31.0	12.0	23.0	11.0	16.0	88.0	45.0	2.0	1.0	1.0	2.4	NE	W	-	-	2.0	1.0	11.0	21.0
22	7.0	13.0	20.0	28.0	13.0	21.0	11.0	16.0	77.0	57.0	2.0	1.0	0.4	2.2	NE	SW	-	-	1.0	1.0	11.5	21.0
23	10.0	12.0	20.0	27.0	12.0	21.0	10.0	16.0	76.0	57.0	2.0	2.0	0.5	2.3	NE	NE	-	-	2.0	2.0	13.0	21.0
24	10.0	10.0	23.0	29.0	15.0	23.0	13.0	18.0	78.0	59.0	1.0	1.0	0.5	2.1	NE	NE	-	-	1.0	1.0	12.5	22.0
25	12.0	18.0	26.0	30.0	18.0	21.0	15.0	17.0	71.0	65.0	2.0	1.0	0.6	2.0	N	SW	-	-	1.0	1.0	14.0	22.0
26	12.0	15.0	23.0	30.0	15.0	23.0	14.0	17.0	89.0	52.0	1.0	1.0	0.3	2.4	N	NE	-	-	1.0	1.0	14.0	23.0
27	10.0	15.0	25.0	28.0	14.0	21.0	12.0	16.0	78.0	57.0	2.0	1.0	0.6	3.9	NE	NW	-	-	1.0	1.0	12.0	22.5
28	11.0	14.0	23.0	29.0	14.0	23.0	12.0	18.0	78.0	59.0	1.0	1.0	0.4	2.2	NE	SW	-	-	1.0	1.0	13.0	22.0
29	11.0	16.0	25.0	28.0	16.0	23.0	13.0	18.0	69.0	59.0	1.0	1.0	0.5	2.6	N	NE	-	-	1.0	1.0	13.5	23.0
30	10.0	16.0	26.0	29.0	15.0	23.0	13.0	18.0	78.0	59.0	2.0	1.0	0.6	2.2	NE	N	-	-	2.0	1.0	13.0	23.0
31	11.0		27.0				12.0		78.0		1.0		0.5		N		-	-	1.0		13.0	
Total	366.0	517.0	748.0	917.0	500.0	688.0	436.0	541.0	2441.0	1871.0	58.0	35.0	17.3	85.2			0.0	0.0	37.8	34.5	437.0	734.5
Average	11.8	16.7	24.1	29.6	16.1	22.2	14.1	17.5	78.7	60.4	1.9	1.1	0.6	2.7			0.0	0.0	12.3	11.1	14.1	23.7
	14.2		26.9			19.2	15.8		69.5		1.5		1.7				0.0				18.9	

227

Twice Daily Climatic Data

Station Code : EMI00H3
Local River/Basin : Ib

Station Name : SUNDERGAR
Sub-Division : Burl

JAN 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																						
LPOPM		14.0		30.0		24.0		19.0		60.0		1.0		2.4		NE		-		1.0		23.0
1	13.0	17.0	27.0	28.0	17.0	24.0	15.0	20.0	80.0	68.0	2.0	1.0	0.5	2.5	NE	E	-	1.0	1.0	14.0	24.0	
2	14.0	16.0	27.0	26.0	16.0	21.0	15.0	17.0	89.0	65.0	2.0	2.0	0.5	5.9	NE	NW	-	1.0	1.0	16.0	22.0	
3	15.0	17.0	23.0	27.0	17.0	22.0	16.0	18.0	90.0	66.0	2.0	1.0	2.2	3.5	NW	NW	2.2	0.2	1.0	16.0	24.0	
4	11.0	15.0	17.0	29.0	15.0	22.0	14.0	16.0	89.0	50.0	2.0	1.0	0.4	2.9	NNE	NW	-	2.0	1.0	14.0	23.5	
5	10.0	12.0	24.0	29.0	16.0	24.0	13.0	18.0	69.0	53.0	2.0	1.0	0.6	3.0	NE	N	-	1.0	1.0	13.0	23.5	
6	10.0	15.0	26.0	30.0	15.0	23.0	13.0	18.0	78.0	59.0	2.0	1.0	0.6	2.6	NE	NW	-	1.0	1.0	13.0	23.5	
7	11.0	13.0	26.0	30.0	13.0	24.0	12.0	18.0	88.0	53.0	1.0	1.0	0.6	2.8	NE	SW	-	2.0	1.0	13.0	23.5	
8	11.0	15.0	25.0	30.0	13.0	25.0	12.0	18.0	88.0	47.0	1.0	1.0	0.7	2.9	NNE	W	-	1.0	1.0	13.5	23.0	
9	13.0	16.0	23.0	29.0	15.0	23.0	14.0	18.0	89.0	59.0	2.0	1.0	0.5	3.2	NE	SW	-	1.0	1.4	15.0	23.0	
10	14.0	16.0	25.0	22.0	15.0	19.0	14.0	17.0	89.0	81.0	1.0	1.0	0.6	4.1	N	NE	-	0.8	0.7	16.0	19.0	
11	14.0	17.0	20.0	25.0	16.0	21.0	15.0	17.0	89.0	65.0	4.0	1.0	1.5	3.4	NE	NW	-	0.6	0.5	15.0	22.0	
12	12.0	15.0	23.0	25.0	14.0	21.0	12.0	17.0	78.0	65.0	2.0	1.0	0.8	3.5	NE	W	-	1.0	1.0	14.0	22.0	
13	10.0	12.0	23.0	27.0	15.0	21.0	12.0	17.0	68.0	65.0	4.0	1.0	1.4	3.0	NE	SW	-	1.0	1.0	13.0	22.0	
14	8.0	10.0	23.0	27.0	12.0	22.0	9.0	16.0	75.0	50.0	2.0	1.0	0.5	3.4	NE	N	-	1.0	2.0	11.0	21.5	
15	8.0	13.0	25.0	28.0	12.0	23.0	9.0	15.0	75.0	38.0	4.0	1.0	0.9	3.3	N	N	-	1.0	1.0	10.5	22.0	
16	9.0	12.0	25.0	27.0	12.0	25.0	9.0	18.0	75.0	47.0	2.0	3.0	0.7	2.7	N	NE	-	2.0	1.0	11.0	23.0	
17	10.0	17.0	26.0	31.0	15.0	25.0	13.0	19.0	78.0	54.0	2.0	2.0	0.7	2.8	N	W	-	1.0	1.0	12.0	24.0	
18	14.0	22.0	27.0	30.0	18.0	25.0	15.0	19.0	71.0	54.0	2.0	1.0	0.6	3.8	NE	E	-	1.0	0.6	15.0	24.0	
19	13.0	18.0	27.0	31.0	17.0	27.0	15.0	19.0	80.0	44.0	2.0	1.0	0.5	3.3	NE	W	-	1.0	1.0	16.0	26.0	
20	14.0	16.0	29.0	31.0	16.0	26.0	14.0	19.0	79.0	49.0	2.0	1.0	0.6	3.3	NE	N	-	2.0	0.8	15.5	26.0	
21	14.0	16.0	29.0	32.0	16.0	26.0	14.0	19.0	79.0	49.0	2.0	1.0	0.4	3.4	NE	NE	-	2.0	1.0	16.0	26.0	
22	13.0	15.0	29.0	33.0	15.0	27.0	13.0	18.0	78.0	38.0	4.0	1.0	0.7	4.3	N	NW	-	2.0	1.0	15.0	25.5	
23	13.0	19.0	29.0	32.0	18.0	25.0	14.0	18.0	62.0	47.0	4.0	1.0	1.0	3.8	NE	W	-	2.0	1.0	15.0	25.5	
24	13.0	17.0	29.0	31.0	15.0	25.0	13.0	18.0	78.0	47.0	2.0	1.0	0.9	3.5	NNE	NW	-	2.0	1.0	15.0	25.5	
25	12.0	17.0	28.0	31.0	17.0	25.0	14.0	19.0	70.0	54.0	2.0	1.0	0.6	3.4	NE	NE	-	2.0	1.0	14.5	25.0	
26	13.0	15.0	28.0	29.0	14.0	24.0	13.0	18.0	89.0	53.0	1.0	1.0	0.7	3.0	W	N	-	1.0	1.0	15.0	25.5	
27	17.0	18.0	25.0	31.0	18.0	27.0	16.0	19.0	80.0	44.0	1.0	2.0	0.8	2.3	E	S	-	1.0	2.0	17.5	25.5	
28	17.0	18.0	29.0	31.0	17.0	25.0	16.0	17.0	90.0	41.0	1.0	2.0	0.9	3.9	E	W	-	1.0	2.0	17.5	25.5	
29	10.0	18.0	27.0	32.0	14.0	25.0	12.0	16.0	78.0	35.0	2.0	1.0	0.9	3.3	NE	W	-	2.0	2.0	13.0	25.0	
30	10.0	17.0	28.0	34.0	16.0	25.0	13.0	17.0	69.0	41.0	4.0	1.0	0.7	3.2	NW	W	-	1.0	2.0	14.0	25.0	
31	11.0		28.0		20.0		14.0		48.0		2.0		1.0		NE		-	1.0		15.0		
Total	377.0	488.0	800.0	908.0	479.0	741.0	413.0	552.0	2438.0	1641.0	68.0	37.0	23.7	102.3			2.2	0.0	39.6	35.0	444.0	738.5
Average	12.2	15.7	25.8	29.3	15.5	23.9	13.3	17.8	78.6	52.9	2.2	1.2	0.8	3.3			0.1	0.0			14.3	23.8
	14.0		27.5		19.7		15.6		65.8		1.7		2.0				0.0		74.6		19.1	

Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : lb

Station Name : SUNDERGA
Sub-Division : Bu

FEB 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	12.0	17.0	30.0	32.0	16.0	25.0	13.0	18.0	69.0	47.0	2.0	1.0	0.8	4.2	NE	E	-	-	2.0	1.0	14.5	25.5
2	13.0	19.0	29.0	31.0	18.0	26.0	14.0	19.0	62.0	49.0	4.0	1.0	1.0	3.5	NE	W	-	-	2.0	1.0	15.5	26.5
3	12.0	19.0	29.0	32.0	18.0	27.0	14.0	18.0	62.0	38.0	4.0	1.0	0.7	3.3	NE	NE	-	-	2.0	0.8	15.5	26.0
4	10.0	18.0	30.0	32.0	17.0	25.0	13.0	17.0	61.0	41.0	2.0	1.0	0.8	3.7	N	NE	-	-	2.0	2.0	14.0	25.0
5	11.0	16.0	27.0	32.0	14.0	26.0	11.0	18.0	67.0	42.0	4.0	1.0	0.8	3.1	NE	W	-	-	2.0	2.0	13.0	26.0
6	11.0	18.0	30.0	35.0	17.0	29.0	13.0	14.0	61.0	40.0	2.0	4.0	0.5	3.0	NE	W	-	-	1.8	2.0	13.5	27.0
7	10.0	23.0	30.0	34.0	22.0	26.0	17.0	16.0	58.0	30.0	4.0	1.0	0.7	4.2	NE	W	-	-	2.0	2.0	17.5	26.0
8	11.0	24.0	30.0	35.0	23.0	27.0	18.0	17.0	59.0	32.0	4.0	1.0	1.3	2.7	NE	W	-	-	2.0	2.0	17.5	26.0
9	13.0	21.0	31.0	36.0	20.0	28.0	15.0	19.0	56.0	39.0	2.0	1.0	0.9	2.7	NE	NE	-	-	2.0	1.0	15.5	27.5
10	14.0	21.0	31.0	35.0	20.0	28.0	15.0	20.0	56.0	45.0	2.0	1.0	0.7	3.1	NE	W	-	-	2.0	1.0	16.5	27.5
11	17.0	19.0	32.0	33.0	19.0	29.0	16.0	20.0	72.0	40.0	3.0	2.0	0.7	4.3	N	S	-	-	2.0	2.0	18.0	27.5
12	17.0	19.0	31.0	31.0	19.0	25.0	16.0	18.0	72.0	47.0	4.0	4.0	1.6	4.1	NE	N	-	-	2.0	2.0	17.0	25.5
13	16.0	25.0	32.0	33.0	25.0	28.0	18.0	20.0	66.0	45.0	2.0	1.0	1.1	2.3	NE	W	-	-	2.0	1.0	18.0	27.5
14	17.0	20.0	31.0	34.0	20.0	30.0	17.0	21.0	73.0	42.0	2.0	1.0	1.0	4.4	NE	N	-	-	2.0	1.0	18.0	27.5
15	15.0	21.0	32.0	35.0	20.0	27.0	16.0	18.0	64.0	38.0	2.0	1.0	4.4	4.1	N	W	-	-	2.0	2.0	18.0	28.0
16	14.0	21.0	29.0	35.0	19.0	28.0	15.0	17.0	63.0	28.0	2.0	1.0	0.6	3.7	NE	SW	-	-	2.0	2.0	16.5	26.5
17	14.0	20.0	31.0	34.0	19.0	30.0	14.0	19.0	54.0	31.0	1.0	1.0	0.5	3.2	NE	NW	-	-	2.0	2.0	16.5	27.0
18	15.0	19.0	32.0	36.0	18.0	30.0	15.0	21.0	71.0	42.0	1.0	1.0	0.4	2.7	N	W	-	-	2.0	2.0	17.5	28.5
19	15.0	20.0	34.0	36.0	19.0	30.0	16.0	20.0	72.0	36.0	1.0	1.0	0.9	3.1	N	N	-	-	2.0	2.0	18.0	29.0
20	14.0	20.0	33.0	37.0	20.0	32.0	16.0	21.0	64.0	34.0	1.0	1.0	0.8	3.1	NE	W	-	-	2.0	2.0	18.0	29.5
21	15.0	20.0	35.0	38.0	19.0	32.0	16.0	21.0	72.0	34.0	1.0	3.0	0.6	4.7	N	SW	-	-	2.0	2.0	18.0	29.0
22	16.0	22.0	36.0	38.0	21.0	32.0	16.0	20.0	57.0	29.0	2.0	2.0	0.7	3.9	N	NW	-	-	2.0	2.0	18.5	29.0
23	16.0	21.0	34.0	37.0	21.0	32.0	16.0	19.0	57.0	24.0	2.0	3.0	0.5	4.3	N	NW	-	-	2.0	2.0	18.0	29.5
24	14.0	20.0	29.0	36.0	19.0	29.0	14.0	18.0	54.0	29.0	2.0	1.0	0.9	4.0	NE	W	-	-	2.0	2.0	17.0	28.0
25	12.0	20.0	32.0	37.0	18.0	32.0	12.0	18.0	45.0	20.0	3.0	2.0	1.0	3.7	NE	W	-	-	2.0	2.0	15.0	28.0
26	12.0	19.5	30.0	37.0	18.0	31.0	13.0	19.0	53.0	27.5	2.0	1.0	0.7	3.4	W	W	-	-	2.0	2.0	14.5	28.0
27	11.0	20.0	31.0	33.0	20.0	32.0	15.0	19.0	56.0	24.0	3.0	1.0	0.7	3.8	NE	W	-	-	2.0	2.0	16.5	27.0
28	12.0	32.0	32.0		22.0		16.0		50.0		2.0		0.5		NE		-	-	2.0		17.0	
Total	379.0	559.5	873.0	988.0	541.0	801.0	420.0	522.0	1726.0	1014.5	66.0	41.0	25.4	99.5			0.0	0.0	55.8	47.8	463.0	764.0
Average	13.5	20.0	31.2	34.6	19.3	28.6	15.0	18.6	61.6	36.2	2.4	1.5	0.9	3.6			0.0	0.0			16.5	27.3
	16.8		32.9		24.0		16.8		48.9		1.9		2.2				0.0		103.6		21.9	

Twice Daily Climatic Data

Station Code : EMI00H3
Local River/Basin : lb

Station Name : SUNDERGARH
Sub-Division : Burla

MARCH 2017

	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	13.0	22.0	33.0	40.0	22.0	36.0	15.0	22.0	43.0	25.0	2.0	1.0	0.7	2.6	NNE	E	-	-	2.0	2.0	17.0	29.0
LPOPM	22.0																					
1	13.0	22.0	33.0	40.0	22.0	36.0	15.0	22.0	43.0	25.0	2.0	1.0	0.7	2.6	NNE	E	-	-	2.0	2.0	17.0	31.0
2	15.0	22.0	32.0	35.0	21.0	32.0	20.0	20.0	91.0	29.0	2.0	1.0	0.6	1.2	N	N	-	-	2.0	2.0	18.0	31.0
3	16.0	20.0	30.0	34.0	23.0	31.0	20.0	21.0	75.0	37.5	2.0	1.0	3.9	3.1	NW	W	-	-	2.0	2.0	19.0	30.0
4	18.0	24.0	32.0	33.0	23.0	32.0	18.0	20.0	59.0	29.0	2.0	2.0	0.4	3.8	N	SW	-	-	2.0	2.0	20.0	29.0
5	18.0	24.0	30.0	32.0	23.0	33.0	18.0	21.0	59.0	30.5	2.0	2.0	0.5	3.3	NE	SW	-	-	2.0	2.0	20.0	29.5
6	18.0	25.0	32.0	35.0	25.0	30.0	17.0	19.0	41.0	31.0	3.0	2.0	0.8	4.4	NE	NNE	-	-	2.0	2.0	19.5	29.5
7	17.0	24.0	33.0	36.0	22.0	32.0	14.0	21.0	36.0	34.0	2.0	1.0	0.6	4.1	NE	W	-	-	2.0	2.0	17.5	29.5
8	22.0	23.0	33.0	34.0	21.0	30.0	20.0	22.0	91.0	47.0	2.0	3.0	0.5	1.7	SW	S	12.0	-	3.2	1.0	20.0	27.0
9	19.0	22.0	28.0	31.0	21.0	30.0	20.0	20.0	91.0	36.0	3.0	2.0	0.9	4.0	N	NNW	-	-	1.0	2.0	20.0	27.5
10	18.0	24.0	32.0	30.0	24.0	23.0	19.0	22.0	60.0	91.0	2.0	1.0	1.1	2.8	NE	SW	-	0.4	3.0	1.4	21.0	24.5
11	18.0	25.0	26.0	32.0	20.0	29.0	19.0	19.0	91.0	35.0	2.0	2.0	0.7	4.2	N	SW	-	-	1.0	2.0	19.5	26.0
12	18.0	25.0	31.0	35.0	25.0	28.0	16.0	17.0	35.0	28.0	4.0	4.0	1.2	5.9	NE	W	-	-	2.0	2.0	19.0	28.0
13	13.0	21.0	30.0	33.0	21.0	28.0	13.0	17.0	34.0	28.0	4.0	1.0	1.5	5.3	NE	SW	-	-	2.0	2.0	16.0	27.5
14	14.0	23.0	31.0	33.0	23.0	29.0	14.0	18.0	31.0	29.0	4.0	1.0	1.4	4.7	N	N	-	-	2.0	2.0	17.0	28.0
15	14.0	24.0	31.0	35.0	23.0	30.0	14.0	20.0	31.0	36.0	3.0	1.0	1.2	4.2	NE	NW	-	-	2.0	2.0	18.0	29.0
16	14.0	24.0	30.0	37.0	24.0	32.0	14.0	19.0	27.0	24.0	4.0	1.0	0.9	4.5	NE	NE	-	-	2.0	2.0	17.0	29.0
17	15.0	27.0	34.0	35.0	25.0	32.0	16.0	25.0	35.0	55.0	2.0	2.0	0.7	5.7	NE	SW	-	-	2.0	2.0	19.0	17.0
18	15.0	24.0	34.0	37.0	24.0	32.0	23.0	20.0	87.0	29.0	2.0	1.0	1.8	4.3	NE	SW	6.4	-	2.4	2.0	19.5	30.5
19	16.0	25.0	35.0	36.0	24.0	33.0	16.0	20.0	39.0	25.5	3.0	2.0	1.0	5.2	NNE	NW	-	-	2.0	2.0	20.0	30.0
20	16.0	25.0	34.0	36.0	25.0	32.0	16.0	21.0	35.0	34.0	4.0	1.0	5.4	5.6	NE	W	0.4	-	2.4	2.0	20.0	30.5
21	16.0	24.0	33.0	37.0	23.0	34.0	17.0	21.0	52.0	27.0	2.0	2.0	1.1	3.5	NE	N	-	-	2.0	2.0	19.0	31.0
22	16.0	24.0	32.0	38.0	24.0	34.0	18.0	21.0	53.0	27.0	2.0	4.0	0.9	4.0	SE	S	-	-	3.0	4.0	20.0	31.0
23	17.0	26.0	35.0	40.0	27.0	36.0	19.0	23.0	44.0	30.0	2.0	1.0	1.0	3.9	E	SE	-	-	2.0	4.0	20.0	32.5
24	17.0	27.0	35.0	41.0	26.0	38.0	19.0	23.0	49.0	24.0	2.0	2.0	0.7	3.3	NE	S	-	-	2.0	4.0	20.0	33.0
25	19.0	29.0	29.0	42.0	28.0	37.0	27.0	22.0	92.0	15.5	2.0	1.0	1.1	3.3	N	W	-	-	2.0	3.0	21.0	33.0
26	20.0	30.0	30.0	42.0	28.0	36.0	22.0	21.0	57.0	22.0	2.0	2.0	0.6	4.9	NE	NW	-	-	2.0	4.0	21.5	33.5
27	21.0	33.0	33.0	42.0	32.0	37.0	21.0	25.0	34.0	35.0	2.0	1.0	0.9	3.7	NE	NW	-	-	4.0	4.0	21.5	33.5
28	21.0	33.0	34.0	42.0	32.0	38.0	21.0	26.0	34.0	36.0	3.0	4.0	0.8	4.3	S	NW	-	-	3.0	4.0	21.5	34.0
29	21.0	33.0	36.0	43.0	29.0	38.0	20.0	23.0	40.0	24.0	2.0	1.0	0.6	4.4	N	NW	-	-	3.0	4.0	22.0	34.0
30	22.0	33.0	38.0	43.0	32.0	38.0	22.0	24.0	39.0	28.0	2.0	1.0	1.0	4.5	SW	NW	-	-	4.0	4.0	22.5	33.5
31	22.0																					
Total	539.0	787.0	1005.0	1136.0	768.0	1009.0	567.0	652.0	1624.0	1018.0	77.0	52.0	35.3	124.8			18.8	0.4	71.0	77.4	608.5	922.0
Average	17.4	25.4	32.4	36.6	24.8	32.5	18.3	21.0	52.4	32.8	2.5	1.7	1.1	4.0			0.6	0.0			19.6	29.7
	21.4		34.5		28.7		19.7		42.6		2.1		2.6				0.3		148.4		24.7	

* : One or more data missing LDOPM : Last day of previous month

Station Code : EMI00H3
Local River/Basin : lb

Twice Daily Climatic Data

Station Name : SUNDERGA
Sub-Division : Bu

APRIL 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		30.0		44.0		39.0		22.0		18.5		2.0		3.1		SW						
1	22.0	34.0	38.0	44.0	33.0	38.0	21.0	22.0	30.5	20.0	2.0	2.0	1.2	3.6	SE	NW	-	-	4.0	4.0	22.0	34.0
2	23.0	30.0	40.0	43.0	30.0	36.0	21.0	23.0	42.0	30.0	1.0	3.0	1.0	3.9	SE	SW	-	-	3.0	4.0	22.5	33.0
3	24.0	30.5	38.0	41.5	29.0	37.0	21.0	25.0	46.0	35.0	2.0	8.0	1.8	7.7	SW	SSW	-	-	2.0	4.0	22.0	33.5
4	24.0	30.0	39.0	42.0	29.0	38.0	23.0	24.0	58.0	28.0	1.0	2.0	0.8	5.6	SE	W	-	-	3.0	4.0	23.5	34.0
5	24.0	31.0	41.0	42.0	32.0	40.0	23.0	24.0	44.0	23.0	2.0	4.0	1.3	4.7	S	W	-	-	3.0	4.0	24.0	34.0
6	25.0	32.0	42.0	44.0	32.0	40.0	24.0	24.0	49.0	23.0	1.0	2.0	1.8	1.2	E	SW	-	-	3.0	4.0	25.0	34.5
7	25.0	33.0	42.0	45.0	34.0	40.0	26.0	23.0	51.0	20.0	3.0	6.0	0.9	4.6	E	SW	-	-	3.0	4.0	26.0	35.0
8	25.0	33.0	42.0	45.0	34.0	40.0	26.0	23.0	51.0	20.0	3.0	3.0	2.1	3.9	NE	S	-	-	3.0	4.0	26.0	35.0
9	25.0	33.0	42.0	44.0	32.0	38.0	21.0	22.0	34.0	20.0	2.0	1.0	1.8	6.0	NE	SW	-	-	3.0	5.0	24.5	34.0
10	22.0	32.0	39.0	42.0	30.0	37.0	18.0	19.0	26.0	8.5	3.0	3.0	0.9	0.9	NE	NW	-	-	5.0	6.0	22.5	33.0
11	20.0	31.0	39.0	41.0	30.0	38.0	18.0	22.0	26.0	20.0	1.0	1.0	0.8	4.4	NE	NW	-	-	2.0	4.0	21.0	33.0
12	20.0	30.0	40.0	41.0	28.0	37.0	17.0	27.0	28.0	19.0	3.0	2.0	1.0	5.6	NE	SW	-	-	3.4	4.0	20.5	33.0
13	21.0	29.0	40.0	43.0	28.0	38.0	18.0	21.0	33.0	17.0	2.0	4.0	1.0	3.9	N	S	-	-	3.4	4.4	21.0	33.5
14	21.0	29.0	40.0	43.0	27.0	38.0	20.0	23.0	50.0	24.0	1.0	4.0	0.9	4.1	SW	SW	-	-	3.6	4.0	22.0	33.5
15	21.0	31.0	40.0	44.0	28.0	40.0	21.0	24.0	51.0	23.0	3.0	2.0	1.3	3.9	SE	NW	-	-	2.0	5.5	23.0	34.5
16	22.0	27.0	40.0	41.0	27.0	37.0	22.0	25.0	63.0	35.0	4.0	4.0	1.3	6.4	S	SW	-	-	2.0	6.0	24.0	33.0
17	24.0	27.0	39.5	42.0	30.0	38.0	24.0	25.0	59.0	32.0	2.0	1.0	4.7	3.8	S	W	-	-	4.0	2.0	25.5	35.0
18	25.0	30.0	41.0	44.0	30.0	40.0	26.0	26.0	72.0	30.0	4.0	1.0	2.6	4.5	SE	NW	-	-	2.0	4.0	26.0	36.5
19	26.0	21.0	42.0	43.0	29.0	30.0	25.5	21.0	74.0	42.0	4.0	6.0	1.6	9.7	S	S	-	-	33.0	4.0	27.0	26.0
20	24.0	29.0	31.0	44.0	28.0	40.0	24.0	23.0	70.0	20.0	2.0	3.0	1.1	5.2	E	SW	-	-	0.5	8.0	24.0	34.0
21	24.0	34.0	40.0	45.0	30.0	40.0	23.0	26.0	53.0	30.0	4.0	1.0	1.6	6.1	S	SW	-	-	0.8	4.0	25.0	34.5
22	26.0	33.0	41.0	45.0	32.0	40.0	24.0	25.0	49.0	27.0	2.0	1.0	2.6	5.8	W	NW	-	-	4.0	4.0	26.0	35.0
23	26.0	32.0	42.0	46.0	28.0	39.0	21.0	24.0	51.0	25.5	2.0	1.0	0.7	5.3	NW	NW	-	-	4.0	4.0	25.5	34.0
24	26.5	30.0	42.5	45.0	32.0	38.0	22.0	23.0	39.0	24.0	2.0	2.0	2.1	8.4	NW	SW	-	-	4.0	6.0	26.0	34.0
25	25.0	32.0	40.0	44.0	30.0	42.0	22.0	24.0	47.0	19.0	2.0	4.0	0.8	6.8	S	SW	-	-	4.0	6.0	25.0	34.5
26	25.0	33.5	42.0	45.0	33.0	41.0	22.0	24.0	35.0	21.0	4.0	2.0	1.2	4.3	NE	SW	-	-	4.0	4.0	25.0	35.0
27	25.0	35.0	43.0	44.5	35.0	40.0	22.0	23.0	28.5	20.0	2.0	4.0	1.0	5.5	S	W	-	-	4.0	6.0	26.0	34.5
28	22.0	31.0	43.0	45.0	31.0	40.0	20.0	23.0	32.5	20.0	2.0	2.0	1.1	4.5	NE	SW	-	-	3.0	4.0	24.0	35.0
29	23.5	33.0	43.0	45.0	32.0	40.0	21.0	25.0	34.0	27.0	4.0	2.0	1.0	3.7	NE	NE	-	-	4.0	4.0	25.0	35.0
30	25.0		43.0		32.0		22.0		39.0		3.0		1.8		W		-	-	4.0		26.0	
Total	711.0	926.0	1215.0	1307.0	915.0	1159.0	658.5	705.0	1365.5	721.5	73.0	83.0	43.1	147.1			0.0	33.0	94.7	136.9	725.5	1017.0
Average	23.7	30.9	40.5	43.6	30.5	38.6	22.0	23.5	45.5	24.1	2.4	2.8	1.4	4.9			0.0	1.1			24.2	33.9
	27.3		42.0		34.6		22.7		34.8		2.6		3.2				0.6		231.6		29.0	

Twice Daily Climatic Data

Station Code : EM100H3
Local River/Basin : Ib

Station Name : SUNDERGARH
Sub-Division : Burla

MAY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (15 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		34.0		44.0		40.0		25.0		27.0		6.0		4.6		NE						
1	26.0	29.0	42.0	42.0	29.0	39.0	22.0	24.0	52.0	25.5	2.0	1.0	3.4	4.2	NW				4.0	4.0	25.5	34.5
2	26.0	26.0	40.0	42.0	30.0	37.0	23.0	25.0	53.0	37.0	2.0	6.0	2.2	4.6	NE				4.0	4.0	26.5	35.0
3	27.0	38.0	40.0	44.0	32.0	39.0	24.0	25.0	49.0	29.0	2.0	1.0	1.7	3.3	NE				4.0	4.0	27.0	36.0
4	26.0	33.0	41.0	45.0	32.0	39.0	25.0	25.0	55.0	29.0	3.0	4.0	1.4	4.4	SW				4.0	4.0	28.0	36.0
5	27.0	34.0	42.0	44.0	33.0	40.0	24.0	26.0	45.0	30.0	3.0	1.0	1.0	3.2	SW				4.0	4.0	28.0	36.0
6	26.0	26.0	42.0	43.0	33.0	30.0	25.0	23.0	50.0	33.0	2.0	2.0	1.7	5.4	SW		9.6		2.0	6.6	28.0	30.0
7	25.0	31.0	40.0	41.0	27.0	38.0	23.0	26.0	70.0	36.0	2.0	1.0	1.9	3.4	W				2.0	2.0	25.0	35.0
8	26.5	27.0	42.0	44.0	32.0	34.0	28.0	23.0	73.0	36.0	2.0	6.0	1.2	5.6	NW				4.0	4.0	27.0	34.0
9	28.0	33.0	44.0	43.0	38.0	38.0	26.0	26.0	36.0	36.0	3.0	1.0	1.8	3.7	NW	0.2			3.3	4.0	28.0	36.0
10	26.0	29.0	41.0	42.0	30.0	36.0	24.0	24.0	59.0	34.0	2.0	3.0	4.7	7.6	N				4.0	6.0	27.0	34.0
11	26.0	32.0	43.0	44.0	31.0	34.0	25.0	30.0	60.0	74.0	1.0	2.0	1.3	4.9	NE				2.0	4.0	28.0	34.0
12	25.5	26.0	43.0	44.0	30.0	35.0	24.5	26.0	62.0	47.0	2.0	1.0	1.9	4.2	SW	16.2			6.2	5.0	27.0	35.0
13	26.0	25.0	43.0	44.5	29.0	38.0	25.0	28.0	71.0	45.0	1.0	1.0	0.2	4.2	NE				2.0	4.0	28.0	36.0
14	26.0	30.0	44.0	45.0	31.0	37.0	26.0	27.0	66.0	44.0	2.0	2.0	1.5	3.2	NW				4.0	4.2	28.5	36.0
15	28.0	29.0	44.0	45.0	32.0	40.0	25.0	27.0	55.0	34.0	1.0	2.0	1.2	4.1	NE				4.0	4.0	29.5	27.5
16	29.0	35.0	43.0	47.0	32.0	42.0	26.0	30.0	61.0	40.0	1.0	2.0	2.0	4.5	NW				4.0	4.0	30.0	36.0
17	29.0	36.0	44.0	47.0	34.0	41.0	27.0	25.0	56.0	24.0	2.0	2.0	2.0	6.6	NE				4.0	4.0	30.0	36.5
18	31.0	35.0	44.0	44.0	34.0	38.0	28.0	27.0	62.0	40.0	4.0	1.0	3.4	4.1	SW				2.0	4.0	30.0	37.0
19	25.0	35.0	39.0	42.0	30.0	40.0	25.0	28.0	65.0	38.0	1.0	2.0	5.4	3.8	E	27.0			5.0	4.0	28.0	37.0
20	27.0	33.5	40.0	42.0	31.0	35.0	25.0	25.0	60.0	42.0	1.0	2.0	2.6	4.9	SW				4.0	4.0	28.0	32.5
21	28.0	29.0	39.0	44.0	30.0	40.0	23.0	27.0	53.0	34.0	2.0	1.0	1.8	3.9	W				2.0	4.0	27.5	36.0
22	28.0	36.0	40.0	45.0	33.0	39.0	27.0	27.0	61.5	37.0	2.0	3.0	0.9	4.6	NW				2.0	5.0	29.0	36.5
23	28.0	35.5	41.0	45.0	34.0	39.0	26.0	27.0	51.0	37.0	2.0	2.0	0.8	3.2	NE				4.0	4.0	29.0	37.0
24	30.0	35.0	42.0	45.0	34.0	34.0	27.0	27.0	56.0	34.0	1.0	1.0	1.7	3.6	N				3.6	4.0	30.0	37.5
25	28.0	36.0	43.0	44.0	33.0	39.0	26.0	27.0	55.5	37.0	1.0	2.0	1.7	4.0	NW				3.0	4.0	30.0	37.5
26	30.0	34.0	42.0	43.0	33.0	36.0	28.0	26.5	67.5	45.0	4.0	3.0	2.5	6.6	SE				4.0	4.0	31.0	36.0
27	23.0	31.0	38.0	39.0	29.0	34.0	25.0	27.0	71.0	56.0	2.0	8.0	3.6	5.3	NE	27.8			3.8	2.0	27.0	35.5
28	26.0	26.0	32.0	40.0	32.0	35.5	25.0	26.5	55.0	47.0	2.0	2.0	2.7	4.6	NE				2.0	4.0	27.5	36.0
29	24.0	34.0	38.0	41.0	32.0	36.0	26.0	27.0	61.0	48.0	1.0	3.0	3.5	1.6	SE	9.4			4.0	4.0	28.0	36.5
30	25.5	32.0	33.0	41.0	30.0	36.0	26.0	26.0	72.0	43.0	2.0	1.0	4.0	3.4	SE	2.6			3.6	2.0	27.0	36.0
31	26.0		37.0		30.0		25.0		65.0		1.0		1.6		SW				3.0		28.0	
Total	832.5	985.0	1265.0	1345.5	980.0	1158.5	784.5	813.0	1828.5	1218.5	59.0	75.0	67.1	175.8			83.2	9.6	107.5	126.8	871.0	1093.5
Average	26.9	31.8	40.8	43.4	31.6	37.4	25.3	26.2	59.0	39.3	1.9	2.4	2.2	5.7			2.7	0.3			28.1	35.3
	29.3		42.1		34.5		25.8		49.1		2.2		3.9				1.5		234.3		31.7	

Station Code : EMG00E5
Local River/Basin : Ong

Twice Daily Climatic Data

Station Name : SALEBHAT,
Sub-Division : Burt

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	28.0	35.0	42.0	46.0	32.0	40.0	29.0	30.0	78.0	47.0	-	-	0.9	4.2	SW	SE	-	-	2.6	2.2	30.0	33.0
2	28.0	32.0	43.0	45.0	30.0	40.0	28.0	30.0	85.0	47.0	-	-	1.9	3.3	SE	SE	-	-	2.8	2.8	29.0	34.0
3	30.0	32.0	40.0	45.0	34.0	38.0	30.0	28.0	72.0	45.0	-	-	2.3	5.4	NE	SE	-	-	1.0	2.0	30.0	32.0
4	30.0	32.0	40.0	42.0	33.0	35.0	29.0	27.0	73.5	52.0	-	-	1.3	3.8	NE	SW	0.8	-	2.0	2.6	29.0	31.0
5	28.0	34.0	37.0	42.0	34.0	38.0	27.0	30.0	56.0	54.0	-	-	1.6	3.8	SW	NE	-	-	2.3	2.0	30.0	31.0
6	29.0	35.0	42.0	42.0	35.0	36.0	29.0	27.0	62.5	48.0	-	-	1.3	3.9	NE	NE	-	-	2.2	2.4	30.0	31.5
7	30.0	35.0	38.0	44.0	34.0	37.0	28.0	28.0	59.0	53.5	-	-	4.8	2.3	SW	SW	-	-	2.4	2.0	31.0	33.0
8	31.0	36.0	41.0	44.0	35.0	30.0	29.0	28.0	60.0	85.0	-	-	1.1	3.7	NE	SE	-	-	2.8	1.6	31.5	29.0
9	27.0	31.0	43.0	41.0	31.0	37.0	26.0	29.0	64.5	58.5	-	-	1.5	3.2	SW	SE	-	-	2.0	2.2	30.0	32.5
10	29.0	36.0	39.0	44.0	35.0	41.0	30.0	29.0	68.5	39.0	-	-	1.6	5.8	SW	NE	-	-	3.5	2.8	31.0	31.5
11	32.0	35.0	40.0	45.0	38.0	30.0	27.0	27.0	54.0	78.0	-	-	3.0	5.3	SW	SE	-	-	2.9	3.0	30.0	32.0
12	29.0	29.0	40.0	41.0	30.0	38.0	29.0	27.0	93.0	42.0	-	-	1.5	5.1	E	SE	-	-	1.8	2.0	28.0	31.5
13	31.0	36.0	39.0	44.0	37.0	39.0	31.0	27.0	63.5	39.0	-	-	1.1	5.8	SW	NE	-	-	2.4	2.8	29.0	36.0
14	30.0	31.0	38.5	43.0	30.0	39.0	28.0	27.0	85.0	37.0	-	-	2.0	6.4	NE	W	0.2	-	2.2	2.0	28.5	37.0
15	29.0	34.0	44.0	45.0	33.0	39.0	27.0	26.0	61.5	33.0	-	-	1.2	5.9	SE	W	-	-	2.4	2.8	31.0	37.5
16	31.0	32.0	38.0	41.0	30.0	36.0	26.5	27.0	75.0	48.0	-	-	1.7	1.7	N	NW	-	-	2.0	2.1	30.0	35.0
17	26.0	27.0	39.0	39.0	27.0	27.0	25.0	25.0	84.0	92.0	-	-	2.3	3.1	SE	NE	-	-	2.8	2.1	28.0	30.0
18	27.0	28.0	32.0	35.0	27.0	30.0	26.0	27.0	92.0	78.0	-	-	1.0	1.9	SE	SE	0.8	2.6	1.2	2.0	27.0	33.5
19	26.0	30.0	32.0	37.0	30.0	31.0	27.0	26.0	78.0	66.0	-	-	0.9	2.4	NE	S	-	-	2.0	2.4	29.5	33.0
20	27.0	32.0	32.0	40.0	31.0	32.0	27.0	27.0	72.5	67.0	-	-	0.6	1.9	NE	NE	0.6	-	2.7	3.5	29.0	36.0
21	28.0	29.0	31.0	40.0	32.0	35.0	27.0	26.0	67.0	47.0	-	-	1.0	2.2	SE	E	-	-	2.2	2.6	29.5	36.5
22	30.0	32.0	38.0	40.0	32.0	35.0	26.0	28.0	64.0	57.0	-	-	2.0	2.4	SE	NE	-	-	1.8	2.4	29.0	36.0
23	29.0	36.0	38.0	41.0	30.0	33.0	27.0	27.0	78.0	61.5	-	-	0.4	2.9	NE	NE	-	-	3.2	2.6	29.5	36.5
24	25.0	25.0	36.0	35.0	25.0	31.0	24.0	28.0	92.0	78.5	-	-	1.8	2.0	NE	E	41.6	-	1.6	2.0	26.0	34.0
25	26.0	26.0	34.0	39.0	29.0	32.0	26.0	28.0	78.0	73.0	2.0	2.0	0.5	0.2	N	SE	1.2	-	2.0	2.4	26.0	34.0
26	28.0	32.0	35.0	39.0	38.0	32.0	27.0	28.0	40.0	73.0	-	-	0.7	1.6	NE	SE	-	-	2.8	3.4	26.0	35.0
27	28.0	29.0	35.0	36.0	31.0	27.0	27.0	26.0	72.5	92.0	-	-	0.5	3.4	NE	SE	-	-	2.4	2.8	31.0	33.0
28	26.0	27.0	30.0	34.0	27.0	28.0	25.0	27.0	84.0	92.0	-	-	0.4	3.2	E	NE	11.8	4.4	1.0	0.4	27.0	28.0
29	26.0	30.0	29.0	36.0	30.0	30.0	26.0	26.0	78.0	72.0	-	-	1.4	5.5	NE	NE	-	-	1.0	1.6	28.5	32.5
30	27.0	30.0	30.0	30.0	29.0	29.0	26.0	26.0	78.0	78.0	-	-	3.6	-	NE	-	-	-	1.4	-	27.5	-
Total	851.0	918.0	1115.5	1185.0	949.0	995.0	823.5	796.0	2169.0	1755.0	2.0	4.0	44.1	102.4			57.0	78.6	65.4	69.8	871.5	965.5
Average	28.4	31.7	37.2	40.9	31.6	34.3	27.5	27.4	72.3	60.5	0.1	0.1	1.5	3.5			1.9	2.6			29.1	33.3
	30.0		39.0		33.0		27.4		66.4		0.1		2.5				2.3		135.2		31.2	

* : One or more data missing LDoPM : Last day of previous mont

Station Code : EMG00E5
Local River/Basin : Ong

Twice Daily Climatic Data

Station Name : SALEBHAT/
Sub-Division : Burl

JULY 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	27.0	31.0	31.0	34.0	30.0	27.0	28.0	28.0	85.0	67.5	-	-	1.1	2.4	N	NE	-	-	0.3	1.5	29.0	35.0
2	27.0	29.0	39.0	40.0	27.0	30.0	26.0	29.0	92.0	92.0	-	-	1.9	2.0	SW	E	10.8	-	2.4	1.8	28.0	30.0
3	26.0	26.0	31.0	28.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	1.2	2.1	N	SE	2.8	0.4	0.7	0.8	27.0	26.0
4	26.0	27.0	28.0	31.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	1.7	3.3	SW	SW	-	-	1.0	1.2	26.0	28.0
5	24.0	28.0	28.0	30.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.8	4.5	SE	SE	0.8	0.4	1.2	1.2	25.0	27.0
6	24.0	26.0	26.0	32.0	26.0	30.0	25.0	27.0	92.0	78.0	-	-	1.1	4.8	SW	SW	5.2	-	0.8	1.4	26.0	27.5
7	25.0	26.0	32.0	27.0	27.0	26.0	26.0	25.0	92.0	92.0	-	-	0.7	2.2	SW	E	-	-	1.2	1.2	26.0	27.0
8	24.0	25.0	27.0	26.0	24.0	24.0	23.5	23.0	96.0	91.0	-	-	1.2	0.2	SW	SE	8.2	5.2	0.9	0.6	25.0	26.0
9	24.0	26.0	27.0	28.0	24.0	25.0	23.0	24.0	91.0	92.0	-	-	0.4	1.6	NE	N	2.4	1.2	0.5	0.6	24.0	26.0
10	24.0	24.0	27.0	28.0	23.5	25.0	23.0	24.0	96.0	92.0	-	-	0.9	0.6	NW	SE	15.8	1.4	1.0	1.0	24.5	25.5
11	24.0	25.0	27.0	28.0	24.0	27.0	23.0	25.0	91.0	84.0	-	-	0.2	0.8	NE	NE	7.4	0.4	0.4	0.4	24.0	26.0
12	26.0	27.0	29.0	30.0	26.0	28.0	24.0	25.0	84.0	77.0	-	-	0.2	3.7	S	SE	-	-	1.2	1.4	25.0	26.5
13	26.0	27.0	30.0	32.0	26.0	27.0	24.0	25.0	84.0	87.0	-	-	0.9	3.5	SW	SW	-	-	0.6	0.8	26.5	29.0
14	26.0	27.0	30.0	32.0	27.0	30.0	26.0	27.0	92.0	78.0	-	-	0.7	3.7	NE	SW	3.6	-	0.8	0.9	27.0	29.5
15	27.0	27.0	32.0	34.0	29.0	25.0	26.0	24.0	78.0	92.0	-	-	0.3	5.3	SW	SW	-	-	0.9	2.2	28.0	28.5
16	25.0	26.0	27.0	31.0	25.0	26.0	24.0	25.0	92.0	92.0	-	-	0.9	1.8	E	SE	0.6	0.8	0.8	1.2	25.5	28.5
17	25.0	25.0	28.0	35.0	27.0	25.0	26.0	24.0	92.0	92.0	-	-	0.3	2.8	NE	NE	11.8	8.2	1.3	1.3	26.5	27.5
18	25.0	27.0	32.0	32.0	26.0	28.0	25.0	26.0	92.0	85.0	-	-	1.1	5.7	NE	SW	2.2	-	0.6	2.0	26.0	30.0
19	26.0	26.0	33.0	35.0	27.0	30.0	25.0	28.0	84.0	85.0	2.0	-	0.9	6.1	SW	SW	-	-	1.1	1.6	28.0	30.5
20	26.0	26.0	31.0	33.0	25.0	24.0	24.0	23.0	92.0	91.0	-	-	0.2	2.2	NE	NE	12.2	6.0	0.4	0.4	25.5	32.0
21	25.0	26.0	32.0	37.0	28.0	25.0	27.0	24.0	92.0	92.0	-	-	1.5	0.5	SW	NE	0.6	-	1.5	2.0	27.5	34.0
22	25.0	29.0	35.0	36.0	28.0	28.0	26.0	27.0	85.0	92.0	-	-	0.3	1.1	SW	NE	-	-	1.0	1.4	29.5	33.0
23	26.0	28.0	32.0	36.0	29.0	29.0	27.0	27.0	85.0	85.0	-	-	0.4	1.8	NE	NE	-	-	1.2	1.0	28.0	32.0
24	26.0	28.0	31.0	34.0	28.0	30.0	26.0	27.0	85.0	78.0	-	-	0.2	1.8	NE	NE	-	-	0.9	1.4	27.5	34.0
25	27.0	26.0	32.0	35.5	28.0	26.5	26.0	26.0	85.0	96.0	-	-	0.1	2.5	SE	NE	-	-	1.6	0.4	28.0	34.0
26	26.0	24.0	27.0	32.0	26.0	28.0	25.0	27.5	92.0	96.0	-	-	0.1	1.1	NE	NE	0.4	33.4	0.8	1.4	27.0	26.0
27	25.0	25.0	28.0	33.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	0.1	1.6	NE	NE	1.4	2.8	0.6	2.1	26.0	30.5
28	25.0	28.0	33.0	33.0	28.0	28.0	26.0	25.0	85.0	77.0	-	-	0.6	2.4	SW	SW	-	-	0.7	0.7	26.5	30.0
29	27.0	28.0	34.0	36.0	28.0	32.0	25.0	28.0	77.0	70.0	-	-	0.5	3.0	NE	NE	-	-	2.0	1.2	33.0	33.5
30	27.0	28.0	34.0	35.0	27.0	31.0	25.0	30.0	84.0	92.5	-	-	0.4	1.7	NE	NE	0.6	-	1.5	1.0	32.0	33.0
31	26.5	33.0	33.0	33.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.3	-	NE	NE	5.8	-	1.6	1.6	24.5	-
Total	792.5	828.0	941.0	1011.5	823.5	853.5	779.5	801.5	2755.0	2703.0	2.0	-	21.0	77.6	-	-	94.6	113.6	31.5	37.1	832.0	912.0
Average	25.6	26.7	30.4	32.6	26.6	27.5	25.1	25.9	88.9	87.2	0.1	-	0.7	2.5	-	-	3.1	3.7	-	-	26.8	29.4
	26.1		31.5		27.0		25.5		88.0		0.0		1.6				3.4		68.6		28.1	

Station Code : EMG000ES
Local River/Basin : Ong

Twice Daily Climatic Data

Station Name : SALEBHAT/
Sub-Division : Burla

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	26.0	27.0	33.0	33.0	27.0	26.0	25.0	25.0	84.0	92.0	-	-	2.0	3.3	NE	SW	-	9.4	1.8	1.0	25.5	30.5
2	26.0	27.0	29.0	31.0	26.0	28.0	25.0	26.0	92.0	85.0	-	-	0.3	1.3	NE	SW	5.0	6.8	1.0	1.3	27.5	29.5
3	26.0	27.0	29.0	32.0	26.0	26.5	25.5	26.0	96.0	96.0	-	-	0.5	1.9	SW	SW	6.8	7.8	1.2	0.4	26.5	29.0
4	25.0	24.0	29.0	28.0	25.0	25.0	24.5	24.5	92.0	96.0	-	-	0.2	3.5	SW	NE	28.2	49.2	0.6	0.4	25.5	26.0
5	25.0	25.0	26.0	27.0	24.0	25.0	23.0	24.5	91.0	96.0	-	-	2.7	1.9	NE	SE	41.8	3.2	0.8	0.8	24.5	27.0
6	25.0	25.0	27.0	26.0	24.0	25.0	23.0	24.0	92.0	92.0	-	-	0.5	1.0	SW	NW	6.2	23.0	0.4	0.8	24.5	24.5
7	25.0	27.0	27.0	32.0	26.0	28.0	25.0	25.0	92.0	77.0	-	-	0.9	4.5	N	SW	-	0.6	0.4	1.6	25.5	25.5
8	26.0	27.0	33.0	34.0	26.0	29.0	25.0	26.0	92.0	78.0	-	-	0.5	8.2	SW	SW	-	-	1.0	2.0	26.0	28.0
9	26.0	26.0	31.0	33.0	25.0	29.0	24.0	26.0	92.0	78.0	-	-	1.7	3.1	SW	SW	0.6	0.4	1.8	1.8	26.5	31.0
10	25.0	25.0	33.0	27.0	24.0	27.0	23.0	26.0	91.0	92.0	-	-	2.5	2.5	SW	E	65.4	8.0	1.2	1.4	25.0	31.0
11	25.0	25.0	28.0	29.0	24.0	27.0	23.0	26.0	91.0	92.0	-	-	0.3	2.0	SW	SW	16.4	12.0	0.8	1.4	25.5	28.0
12	25.0	27.0	27.0	32.0	25.0	28.0	24.5	26.0	92.0	85.0	-	-	1.0	5.8	SW	SW	2.2	1.6	0.4	2.5	26.0	30.0
13	26.0	26.0	30.0	32.0	27.0	28.0	25.0	27.0	84.0	92.0	-	-	0.8	3.3	SW	SW	-	4.4	1.0	1.1	27.0	31.5
14	26.0	32.0	32.0	34.0	28.0	29.0	26.0	27.0	85.0	85.0	-	-	0.3	2.8	W	SW	-	-	0.6	1.2	28.0	32.0
15	27.0	27.0	32.0	31.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.7	6.3	SW	NE	-	-	1.4	1.0	27.5	29.0
16	24.0	26.0	27.0	27.0	25.0	26.0	24.0	24.0	92.0	84.0	-	-	3.5	7.6	SW	SW	6.0	-	0.4	0.8	25.5	27.5
17	24.0	24.0	27.0	26.0	23.0	25.0	22.5	23.0	56.0	84.0	-	-	6.2	9.9	SW	SW	14.8	0.4	1.3	0.6	24.5	26.5
18	26.0	27.0	28.0	28.0	23.0	26.0	22.5	24.0	56.0	84.0	-	-	6.8	0.8	SW	SW	-	-	1.2	2.0	25.0	31.5
19	25.0	27.0	31.0	35.0	29.0	31.0	27.0	27.0	85.0	72.5	-	-	3.7	2.8	SW	SW	-	-	1.4	2.0	28.0	32.0
20	26.0	27.0	33.0	35.0	26.0	29.0	25.0	26.0	92.0	78.0	-	-	0.3	1.6	SE	SW	-	-	0.8	2.0	26.0	33.0
21	25.0	27.0	31.0	35.0	27.0	30.0	25.0	27.0	84.0	78.0	-	-	1.2	4.1	E	SW	-	-	0.9	2.4	26.5	34.0
22	26.5	28.0	32.0	33.0	27.0	28.0	26.0	25.0	92.0	77.0	-	-	0.7	3.9	E	SW	-	-	1.2	1.3	26.5	31.0
23	25.0	28.0	30.0	35.0	27.0	26.0	26.0	25.5	92.0	96.0	-	-	0.3	2.3	SE	SW	-	6.0	1.7	1.2	27.0	31.5
24	25.0	26.0	29.0	35.0	25.0	30.0	24.5	28.0	96.0	85.0	-	-	0.3	1.4	SW	NE	7.8	-	2.0	0.9	26.0	33.0
25	27.0	28.0	32.0	37.0	28.0	28.0	26.0	27.0	85.0	92.0	-	-	0.5	1.5	NE	SW	-	4.2	1.0	1.2	26.0	33.0
26	26.0	27.0	30.0	32.0	26.0	29.0	25.0	28.0	92.0	92.0	-	-	0.2	1.4	NE	SE	2.0	-	0.8	1.8	26.0	32.0
27	26.5	28.0	31.0	36.0	28.0	30.0	27.0	27.0	92.0	78.0	-	-	0.3	1.7	NE	NE	0.6	-	0.8	2.2	27.0	33.5
28	27.0	30.0	31.0	37.0	29.0	32.0	27.0	28.0	85.0	73.0	-	-	0.3	2.2	SE	NE	-	-	1.3	2.0	29.5	34.0
29	28.0	30.0	34.0	37.0	29.0	33.0	27.0	28.0	85.0	67.5	-	-	0.2	1.7	SW	NE	-	-	2.0	2.0	29.0	34.5
30	28.0	30.0	35.0	37.0	29.0	29.0	27.0	27.0	85.0	85.0	-	-	0.1	1.7	NE	NE	-	-	1.2	2.1	30.0	35.0
31	27.0	37.0	37.0	37.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	1.2	1.2	NE	NE	-	-	1.8	1.8	28.0	28.0
Total	800.0	836.0	942.0	999.0	811.0	868.5	774.5	805.5	2718.0	2632.0	-	-	40.8	96.6	-	-	203.8	137.0	34.2	45.2	821.5	948.0
Average	25.8	27.0	30.4	32.2	26.2	28.0	25.0	26.0	87.7	84.9	-	-	1.3	3.1	-	-	6.6	4.4	-	-	26.5	30.6
	26.4	31.3	27.1	25.5	86.3	0.0	2.2	79.4	5.5	28.5												

Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHATA
Sub-Division : Buria

SEPTEMBER 2016

	Min Temperature		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	27.0	26.0	32.0	35.0	27.0	26.5	26.0	26.0	92.0	96.0	-	-	0.1	1.5	SW	NE	-	49.2	0.8	2.4	27.0	29.0
2	26.0	27.0	28.0	33.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.2	2.7	SE	NE	-	3.4	0.8	0.6	27.0	31.5
3	25.0	24.0	29.0	24.0	26.0	21.0	25.0	20.0	92.0	91.0	-	2.0	0.4	2.0	SW	SW	8.8	20.8	1.2	1.0	26.5	26.5
4	23.0	23.5	24.0	26.0	23.0	25.0	22.0	24.5	91.0	96.0	-	-	1.4	0.6	NE	NE	67.6	32.2	0.8	0.8	23.5	25.0
5	25.0	26.0	26.0	29.0	24.0	25.0	23.5	24.0	96.0	96.0	-	2.0	0.2	15.0	NE	SW	12.8	0.2	0.4	1.2	25.0	25.5
6	25.0	27.0	27.0	33.0	25.0	26.0	24.0	24.0	96.0	84.0	-	2.0	2.8	4.4	SW	SW	14.4	0.2	1.4	1.3	25.0	26.0
7	25.0	26.0	27.0	30.0	25.0	25.0	23.0	24.0	84.0	96.0	4.0	4.0	2.4	5.1	SW	SW	8.2	0.8	1.2	1.2	26.0	27.0
8	25.0	25.0	27.0	29.0	23.5	24.5	23.0	24.0	96.0	96.0	-	-	0.5	1.1	NE	NE	8.2	0.4	1.4	0.6	25.0	26.0
9	25.0	26.0	27.0	33.0	26.0	28.0	25.0	27.0	92.0	92.0	-	-	0.3	1.3	NE	NE	-	-	0.8	0.6	25.0	30.5
10	25.0	26.0	29.0	32.0	25.0	29.0	24.5	28.0	96.0	92.0	-	-	1.0	1.2	SW	SE	8.6	-	0.2	0.8	27.0	31.0
11	26.0	28.0	31.0	35.0	28.0	30.0	27.0	28.0	92.0	85.0	-	-	0.4	1.5	NE	NE	12.6	-	0.8	0.8	28.0	31.5
12	26.0	28.0	33.0	35.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	1.0	1.8	SE	E	16.8	4.0	1.0	1.7	28.0	32.0
13	26.0	28.0	30.0	35.0	27.0	27.0	26.0	25.0	92.0	84.0	-	-	1.2	3.3	NE	NE	-	2.4	1.3	1.4	27.0	32.0
14	26.0	28.0	33.0	36.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	1.0	1.7	NW	NE	-	3.8	1.0	0.8	28.0	32.5
15	26.0	27.0	29.0	36.0	27.0	27.0	25.0	26.0	84.0	92.0	-	-	0.8	2.1	NE	NE	-	1.8	1.2	1.5	27.0	32.5
16	25.0	27.0	29.0	34.0	26.0	30.0	25.0	28.0	92.0	85.0	-	-	0.7	1.2	NE	NE	-	-	1.4	0.8	26.0	33.0
17	25.0	31.0	33.0	35.0	29.0	30.0	27.0	28.0	85.0	85.0	2.0	-	0.2	1.2	N	NE	-	-	1.1	1.8	28.0	32.5
18	27.0	29.0	32.0	34.0	29.0	30.0	27.0	28.0	85.0	85.5	-	-	0.0	1.6	NE	SW	-	-	1.8	2.0	28.0	33.0
19	26.0	28.0	31.0	36.0	27.0	31.0	26.0	29.0	92.0	85.5	-	-	0.5	0.6	SE	SE	-	-	2.0	2.2	28.0	33.0
20	27.0	28.0	32.0	33.0	27.0	31.0	26.0	29.0	92.0	92.0	-	-	0.0	1.6	SE	NE	-	-	2.0	2.2	28.5	33.5
21	27.0	28.0	34.0	31.0	27.0	26.0	26.0	25.0	92.0	92.0	-	-	0.5	3.6	NE	SE	-	4.6	1.8	2.2	28.0	32.0
22	26.0	27.0	28.0	34.0	26.0	27.0	25.0	26.0	92.0	92.0	-	-	1.3	2.7	NE	NE	-	-	0.9	0.8	27.0	31.0
23	26.0	27.0	30.0	35.0	26.0	26.0	25.0	25.0	92.0	92.0	-	-	0.9	1.8	NE	NE	-	0.4	1.0	1.2	27.0	32.0
24	26.0	26.0	29.0	36.0	26.0	29.0	25.0	27.0	92.0	85.0	-	-	0.7	1.4	NE	NE	0.6	-	1.0	1.8	27.0	33.0
25	25.0	28.0	29.0	36.0	27.0	29.0	26.0	27.0	92.0	85.0	-	-	0.3	1.0	NE	NW	1.4	-	1.6	1.2	27.0	33.0
26	26.0	26.5	32.0	37.0	28.0	29.0	27.0	27.0	92.0	85.0	-	-	0.4	0.9	SE	NE	-	-	1.3	1.4	28.0	32.5
27	25.0	29.0	32.0	38.0	27.0	27.0	26.0	26.0	92.0	92.0	-	-	0.3	1.1	NE	NE	12.6	-	1.6	0.5	27.5	32.0
28	25.0	26.0	30.0	35.0	26.0	29.0	25.0	27.0	92.0	85.0	-	-	0.4	0.9	NE	NE	2.4	-	1.4	1.4	25.0	32.0
29	26.0	27.0	32.0	36.0	26.0	28.0	25.0	26.0	92.0	85.0	-	2.0	0.6	1.4	NE	NE	-	-	1.0	1.3	27.0	32.5
30	26.0	-	35.0	-	27.0	-	26.0	-	92.0	-	-	-	0.6	-	NE	-	-	-	1.1	-	28.0	-
Total	769.0	811.0	900.0	1005.0	791.5	826.0	759.0	784.5	2694.0	2694.0	6.0	12.0	20.9	67.4	-	-	175.0	129.8	35.3	39.0	805.0	925.0
Average	25.6	27.0	30.0	33.5	26.4	27.5	25.3	26.2	91.5	89.8	0.2	0.4	0.7	2.2	-	-	5.8	4.3	-	-	26.8	30.8
	26.3	-	31.8	-	27.0	-	25.7	-	90.7	-	0.3	-	1.5	-	-	-	5.1	-	74.3	-	28.8	-

Twice Daily Climatic Data

Station Code : EMG0005
Local River/Basin : Ong

Station Name : SALEBHAT/
Sub-Division : Burla

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		29.0		35.0		28.0		26.0		77.0			1.8		NE					1.5		32.5
1	26.0	28.0	31.0	35.0	27.0	27.0	26.0	26.0	92.0	92.0			1.7	2.9	NE	NE			1.4	1.6	27.0	32.0
2	25.0	26.0	28.0	32.0	28.0	29.0	25.0	27.0	77.0	92.0			0.5	1.1	NE	E			1.3	1.8	27.5	28.0
3	26.0	26.0	31.0	32.0	28.0	28.0	26.0	26.0	92.0	85.0			0.1	1.6	NE	E	0.4		1.2	1.5	25.0	29.0
4	24.0	24.0	31.0	33.0	23.0	28.0	22.0	26.0	91.0	92.0			1.0	1.7	NE	NE	1.8	4.6	1.6	1.0	27.0	32.0
5	25.0	28.0	30.0	32.0	27.0	27.0	26.0	26.0	92.0	92.0			0.1	2.4	NE	SW			1.3	1.4	27.5	29.0
6	26.0	26.0	30.0	33.0	26.0	26.0	25.0	25.0	92.0	92.0			0.6	0.6	NE	SE	1.0		1.6	1.0	25.5	29.5
7	25.0	25.0	27.0	33.5	25.5	29.0	25.0	27.0	96.0	85.0			0.5	0.6	NE	E	6.8		1.2	0.8	26.5	30.5
8	26.0	26.0	31.0	34.0	26.0	27.0	25.0	27.0	92.0	92.0			0.2	0.3	SW	SE			1.1	1.6	26.5	31.0
9	25.0	26.0	30.0	35.0	27.0	27.0	26.0	26.0	92.0	92.0			0.2	3.9	SW	SW			0.7	1.7	26.0	31.0
10	26.0	27.0	29.0	34.0	26.0	28.0	25.0	26.0	85.0	85.0			2.4	3.0	SW	NE			1.5	1.0	26.0	30.0
11	24.0	27.0	31.0	35.0	26.0	28.0	24.0	26.0	84.0	85.0			0.2	2.1	SE	SW			0.5	2.0	26.5	31.0
12	24.0	28.0	31.0	35.0	27.0	28.0	25.0	25.0	84.0	77.0			0.2	0.6	SW	SW			1.0	1.8	25.5	32.0
13	24.0	28.0	31.0	37.0	26.0	28.0	24.0	26.0	84.0	85.0			0.3	1.5	SW	E			1.2	2.0	25.0	32.0
14	23.0	27.0	31.0	37.0	26.0	26.0	24.0	24.0	84.0	84.0			0.4	1.4	NW	NE			1.3	1.8	24.5	29.0
15	26.0	26.0	29.0	32.0	25.0	26.0	24.0	23.0	92.0	76.0			0.5	1.2	NE	NE			1.2	1.5	24.0	29.0
16	20.0	25.0	29.0	34.0	26.0	27.0	24.0	23.0	84.0	70.0			0.3	1.5	SW	NE			1.6	1.8	23.0	29.0
17	20.0	25.0	30.0	34.0	24.0	27.0	21.0	24.0	75.0	77.0			0.1	1.8	SW	NE			1.4	1.8	24.5	29.0
18	21.0	26.0	30.0	35.0	25.0	27.0	23.0	24.0	84.0	77.0			0.1	2.1	NE	SW			1.2	1.4	24.0	30.0
19	22.0	27.0	29.0	36.0	25.0	27.0	23.0	24.0	84.0	77.0			0.2	0.6	NE	NE			1.6	1.2	23.5	29.0
20	20.0	26.0	30.0	37.0	25.0	26.0	22.0	22.0	84.0	69.0			0.9	1.6	SW	E			1.4	1.0	22.0	29.5
21	20.0	24.0	28.5	36.0	23.0	27.0	20.0	23.0	75.0	70.0			0.2	2.3	SW	NE			1.3	1.7	23.5	29.0
22	20.0	27.0	29.0	36.0	26.0	27.0	23.0	24.0	76.0	77.0			0.3	1.3	SE	SE			1.0	1.2	23.0	30.0
23	20.0	24.0	30.0	36.0	26.0	26.0	22.0	23.0	84.0	76.0			0.1	1.3	NE	SE			1.2	1.4	23.0	29.5
24	20.0	25.0	31.0	34.0	24.0	27.0	21.0	24.0	75.0	77.0			0.1	1.6	NW	NE			1.6	1.8	23.0	29.5
25	20.0	25.0	29.0	36.0	25.0	26.0	22.0	23.0	76.0	76.0			0.3	3.1	NW	NE			1.4	1.0	23.0	29.0
26	21.0	19.0	29.0	35.0	22.0	26.0	20.0	22.0	82.0	69.0			0.7	1.6	SW	NE			1.3	1.7	21.0	29.0
27	24.0	22.0	31.0	31.0	21.0	27.0	19.0	25.0	82.0	84.0			0.1	1.8	NE	NE			1.0	1.2	25.0	30.0
28	24.0	26.0	29.0	30.0	26.0	28.0	24.0	25.0	84.0	77.0			0.3	3.2	NE	SE			1.2	1.6	25.5	30.0
29	24.0	27.0	31.0	36.0	27.0	27.0	25.0	24.0	84.0	77.0			0.5	1.4	NE	NE			1.0	1.2	25.0	30.0
30	23.0	26.0	31.0	35.0	25.0	28.0	24.0	26.0	92.0	85.0			0.4		NE	NE			1.2		23.0	
31	21.0		29.0		24.0		22.0		83.0													
Total	715.0	801.0	926.5	1065.5	787.5	844.0	727.0	768.0	2640.0	2521.0			13.6	53.1			11.2	8.4	38.9	45.2	768.0	929.0
Average	23.1	25.8	29.9	34.4	25.4	27.2	23.5	24.8	85.2	81.3			0.4	1.7			0.4	0.3			24.8	30.0
	24.5			32.1		26.3		24.1	83.2		0.0		1.1				0.3		84.1		27.4	

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Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHATA
Sub-Division : Burla

NOVEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	21.0	24.0	29.0	35.0	23.0	27.0	20.0	25.0	75.0	77.0	-	-	0.9	2.6	SW	NW	-	-	1.2	1.0	23.0	29.0
2	22.0	24.0	29.0	35.0	23.0	28.0	21.0	25.0	83.0	77.0	-	-	0.7	1.8	NE	NE	-	-	1.0	1.4	22.5	28.5
3	22.0	23.0	28.0	35.0	24.0	29.0	21.0	26.0	75.0	85.0	-	-	1.2	2.5	NE	NE	-	-	1.4	1.3	23.5	27.5
4	22.0	27.0	29.0	34.0	27.0	26.0	24.0	23.0	77.0	76.0	-	-	0.3	3.1	NE	NE	-	-	1.0	1.6	23.0	29.0
5	22.0	28.0	29.5	35.0	28.0	28.0	25.0	24.0	77.0	70.0	2.0	2.0	1.1	3.8	NE	NE	-	-	1.2	1.0	23.5	29.5
6	21.0	21.0	30.0	35.0	24.0	27.0	22.0	23.0	83.0	70.0	-	-	0.6	3.0	NE	NE	-	-	1.1	1.0	22.5	28.5
7	19.0	20.0	25.0	34.0	20.0	23.0	17.0	20.0	73.0	75.0	-	-	0.5	1.7	E	NE	-	-	1.0	0.8	19.5	27.0
8	15.0	21.0	25.0	35.0	21.0	23.0	18.0	20.0	73.0	75.0	-	-	0.5	1.0	NE	NW	-	-	1.0	1.2	18.5	27.0
9	15.0	20.0	25.0	33.0	20.0	25.0	16.0	20.5	64.0	65.0	-	-	0.2	1.0	SE	NE	-	-	1.0	1.2	18.5	27.0
10	14.5	19.0	24.0	33.0	19.0	23.0	16.0	20.0	72.0	75.0	-	-	0.4	0.9	NW	SW	-	-	1.2	1.0	18.0	26.0
11	15.0	18.0	21.0	31.0	19.0	22.0	17.0	20.0	81.0	82.0	-	-	0.2	1.4	NE	NE	-	-	1.0	1.4	18.0	25.0
12	14.5	18.0	20.0	32.0	19.0	23.0	17.0	21.0	81.0	83.0	-	-	0.1	1.0	NE	NE	-	-	0.9	1.6	17.5	25.0
13	15.0	18.0	21.0	32.0	20.0	25.0	18.0	22.0	81.0	76.0	-	-	0.5	1.1	NE	NE	-	-	1.0	1.2	18.0	25.0
14	18.0	23.0	25.0	33.0	22.0	26.0	20.5	23.0	87.0	76.0	-	-	0.1	2.0	NE	NE	-	-	1.2	1.0	20.0	26.0
15	19.0	21.5	27.0	33.0	21.0	25.0	20.0	22.0	91.0	84.0	-	-	0.2	2.0	SW	NE	-	-	1.4	1.2	20.0	26.0
16	18.0	20.0	28.0	33.0	20.0	24.0	19.0	21.0	91.0	75.0	-	-	0.4	2.8	NW	SW	-	-	1.2	1.0	20.0	25.5
17	16.0	18.0	27.0	32.0	20.0	23.0	18.0	20.0	81.0	75.0	-	-	0.4	2.1	NE	NE	-	-	1.4	0.8	18.5	24.0
18	14.0	18.0	27.0	32.0	18.0	24.0	16.0	20.0	80.0	68.0	-	-	0.4	1.3	SE	E	-	-	1.0	1.0	17.0	24.0
19	14.0	17.0	26.0	32.0	17.0	22.0	16.0	18.0	90.0	66.0	-	-	0.2	1.6	NW	NW	-	-	1.2	1.0	16.5	24.5
20	13.0	19.0	25.0	33.0	17.0	23.0	16.0	19.0	90.0	67.0	-	-	0.1	1.5	NW	NE	-	-	1.0	1.0	14.5	25.0
21	14.5	20.0	27.0	34.0	18.0	22.0	16.0	19.0	80.0	74.0	-	-	0.2	1.3	NE	NE	-	-	1.0	1.2	17.0	25.0
22	13.0	19.0	24.0	34.0	18.0	22.0	16.0	20.0	80.0	82.0	-	-	0.3	1.7	E	NE	-	-	1.0	1.0	16.0	25.0
23	13.0	17.0	24.0	33.0	17.0	23.0	16.0	19.0	90.0	67.0	-	-	0.1	1.4	SW	NE	-	-	1.0	0.8	16.0	24.0
24	14.0	20.0	25.0	35.0	20.0	23.0	17.0	19.0	73.0	67.0	-	-	0.1	1.9	NE	NE	-	-	1.0	0.8	16.0	25.0
25	13.0	15.0	25.0	34.0	15.0	24.0	14.0	20.0	89.0	68.0	-	-	0.1	1.8	N	NE	-	-	1.0	0.9	16.0	25.5
26	13.0	16.0	26.0	34.0	16.0	24.0	15.0	19.0	89.0	60.0	-	-	0.2	1.8	NE	N	-	-	1.0	0.8	16.0	24.0
27	14.0	15.0	25.0	35.0	15.0	24.0	14.0	20.0	89.0	68.0	-	-	0.1	3.3	SE	SW	-	-	0.9	1.0	16.0	25.0
28	13.5	14.0	27.0	35.0	14.0	23.0	13.0	19.0	89.0	67.0	-	-	0.1	1.8	NE	NE	-	-	0.8	1.0	15.5	25.0
29	13.0	16.0	25.0	35.0	16.0	24.0	15.0	20.0	89.0	68.0	-	-	0.3	1.4	NW	E	-	-	0.8	1.2	15.5	26.0
30	13.0		27.0		16.0		15.0		89.0		-	-	0.2		NE		-	-	0.9		16.0	
Total	484.0	593.5	775.5	1012.0	587.0	732.0	528.5	631.5	2462.0	2202.0	2.0	2.0	10.4	58.1			0.0	0.0	31.8	32.8	552.5	783.0
Average	16.1	19.8	25.9	33.7	19.6	24.4	17.6	21.1	82.1	73.4	0.1	0.1	0.3	1.9			0.0	0.0	18.4	18.4	26.1	26.1
	18.0		29.8		22.0		19.3		77.7		0.1		1.1				0.0		64.6		22.3	

Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHAT,
Sub-Division : Burl

DECEMBER 2016

Day	Min Temperature		Max Temperature		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		17.0		33.0		23.0		19.0		67.0		-		0.9	SE		-		1.0		25.0	
1	14.0	18.0	26.0	34.0	14.0	23.0	13.0	20.0	89.0	75.0	-	-	1.1	0.2	SW	SW	-	-	1.0	0.8	16.0	24.5
2	17.0	16.0	26.0	33.0	17.0	23.0	16.0	21.0	89.0	83.0	-	-	0.3	1.8	W	NE	-	-	0.9	0.8	16.5	24.0
3	17.0	20.0	26.0	35.0	20.0	26.0	19.0	22.0	91.0	69.0	-	-	0.4	2.2	NE	SE	-	-	1.0	1.2	19.0	26.0
4	17.0	22.0	27.0	34.0	21.0	26.5	20.0	21.0	91.0	59.0	-	-	0.5	1.7	NE	NE	-	-	1.0	1.2	20.5	25.0
5	15.0	18.0	29.0	33.0	18.0	22.0	17.0	19.0	90.0	74.0	-	-	0.3	1.9	SW	NE	-	-	0.9	1.1	17.5	24.5
6	14.0	15.0	28.0	33.0	15.0	23.0	14.0	20.0	89.0	75.0	-	-	0.2	1.7	NW	SE	-	-	1.2	1.0	17.0	24.0
7	12.0	16.0	26.0	32.0	16.0	24.0	15.0	19.0	89.0	60.0	-	-	0.2	1.4	W	SE	-	-	1.0	1.0	15.5	24.0
8	12.0	15.0	26.0	32.0	14.0	20.0	13.0	18.0	89.0	81.0	-	-	0.2	1.2	SE	NE	-	-	0.9	0.8	15.0	25.0
9	12.0	15.0	26.0	32.0	14.0	21.0	13.0	19.0	89.0	82.0	-	-	0.1	1.6	SW	NE	-	-	1.0	0.9	15.0	24.5
10	12.0	14.0	24.0	32.0	13.0	23.0	12.0	19.0	88.0	74.0	-	-	0.2	2.0	W	NE	-	-	1.2	1.0	15.0	24.0
11	12.0	13.0	25.0	30.0	13.0	23.0	12.0	19.0	88.0	67.0	-	-	0.3	1.3	SW	SW	-	-	1.0	0.8	14.0	23.0
12	13.0	15.0	28.0	32.0	18.0	22.0	16.0	19.0	80.0	74.0	-	-	0.8	1.9	NE	SE	-	-	1.0	0.9	16.0	24.0
13	13.0	15.0	25.0	33.0	14.0	23.0	13.5	19.0	94.0	67.0	-	-	0.4	2.8	NE	NE	-	-	1.0	1.0	15.0	24.5
14	14.0	18.0	27.0	34.0	17.0	24.0	15.5	19.0	80.0	60.0	-	-	0.6	1.7	NE	NE	-	-	1.2	1.0	17.0	24.5
15	13.0	18.0	26.0	34.0	14.0	23.0	13.0	19.0	89.0	67.0	-	-	0.3	2.6	NW	SW	-	-	1.3	1.2	17.0	25.0
16	11.0	13.0	26.0	32.0	13.5	27.0	13.0	19.0	94.0	67.0	-	-	0.3	1.8	NW	SW	-	-	0.8	1.0	16.0	24.0
17	11.0	13.0	25.0	30.0	13.5	20.0	13.0	18.0	94.0	64.0	-	-	0.2	2.5	W	SE	-	-	1.0	1.2	16.0	23.5
18	10.0	13.0	23.0	30.0	13.0	21.0	12.0	18.0	88.0	73.0	-	-	0.2	1.7	SW	SW	-	-	0.8	1.0	15.0	23.0
19	10.0	12.0	18.0	30.0	12.5	22.0	11.5	18.0	88.0	66.0	-	-	0.3	1.6	NE	NE	-	-	0.9	1.1	14.0	23.0
20	10.0	13.0	25.0	32.0	13.0	22.0	12.0	18.0	88.0	66.0	-	-	0.1	1.9	NE	SE	-	-	0.8	0.8	14.0	23.0
21	10.5	14.0	25.0	32.0	13.0	22.0	12.0	18.0	88.0	66.0	-	-	0.1	1.9	W	E	-	-	1.0	0.9	15.0	23.0
22	9.0	14.0	25.0	32.5	14.0	24.0	13.0	19.0	89.0	60.0	-	-	0.2	2.8	SW	SW	-	-	0.8	0.8	14.5	23.0
23	9.0	12.0	27.0	30.0	12.0	22.0	11.0	17.0	88.0	58.0	-	-	0.5	1.8	NW	SE	-	-	0.7	0.8	14.0	22.5
24	10.0	13.0	25.0	32.0	13.0	22.0	12.0	18.0	88.0	66.0	2.0	-	0.4	1.3	W	SE	-	-	0.9	0.8	14.5	23.0
25	10.0	13.0	24.0	32.0	12.0	23.0	11.0	19.5	88.0	71.0	-	-	0.2	1.5	SW	SW	-	-	0.8	1.0	14.0	23.0
26	11.0	14.0	26.0	33.0	13.0	24.0	12.5	19.0	94.0	60.0	-	-	0.2	1.3	E	SE	-	-	0.9	0.8	15.5	23.0
27	11.0	16.0	29.0	32.0	15.0	23.0	13.0	18.0	78.0	59.0	-	-	0.8	1.6	NE	NE	-	-	1.0	0.9	18.0	24.0
28	10.0	14.0	25.0	31.0	13.0	23.0	12.0	18.0	88.0	59.0	-	-	0.3	1.1	SW	SE	-	-	0.9	0.8	18.0	23.0
29	10.0	15.0	26.0	32.0	15.0	23.0	14.0	18.5	89.0	63.0	-	-	0.2	1.0	NE	SW	-	-	1.0	0.8	18.0	23.5
30	10.0	13.0	26.0	33.0	13.5	22.0	13.0	18.0	94.0	66.0	-	-	0.1	1.2	NW	SE	-	-	0.7	1.0	15.0	24.0
31	12.0	26.0	26.0	26.0	15.0	15.0	14.0	14.0	89.0		-	-	0.1		SE		-	-	0.9		17.0	
Total	370.5	467.0	796.0	1001.5	453.0	708.5	422.0	586.0	2751.0	2098.0	2.0	-	10.0	51.8			0.0	0.0	29.5	29.4	494.5	740.0
Average	12.0	15.1	25.7	32.3	14.6	22.9	13.6	18.9	88.7	67.7	0.1	-	0.3	1.7			0.0	0.0			16.0	23.9
	13.5		29.0		18.7		16.3		78.2		0.0		1.0				0.0		58.9		19.9	

Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHAT/
Sub-Division : Burli

JANUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPQPM		15.0		33.0		23.0		19.0		67.0		-		1.2		SE		-		1.0		24.0
1	10.0	15.0	26.0	32.0	16.0	23.5	15.0	19.0	89.0	63.5	-	-	0.2	1.4	NE	NE	-	-	0.8	1.0	16.0	24.0
2	14.0	15.0	25.0	32.0	15.0	23.0	14.0	19.0	89.0	67.0	-	-	0.4	1.2	SW	SE	-	-	1.0	1.0	15.0	25.0
3	15.0	16.0	27.0	30.0	15.0	23.0	14.5	20.0	94.0	75.0	2.0	2.0	0.7	2.4	NW	NE	0.8	-	0.8	0.6	17.0	25.0
4	12.0	16.0	25.0	31.0	15.5	22.5	15.0	17.0	94.5	62.5	-	-	0.4	2.2	NE	E	-	-	0.8	0.6	16.0	24.0
5	11.0	15.0	25.0	32.0	15.0	23.0	14.0	19.0	89.0	67.0	-	-	0.3	1.5	NE	SW	-	-	0.9	0.7	16.5	24.5
6	10.0	15.0	26.0	33.0	14.0	21.0	13.0	19.0	89.0	82.0	-	-	0.0	1.5	NW	SE	-	-	1.0	0.8	15.0	25.0
7	11.0	14.0	26.0	33.0	14.0	22.0	13.0	18.0	89.0	66.0	-	-	0.1	1.3	NE	SE	-	-	1.1	0.9	16.0	25.5
8	11.5	14.0	26.0	33.0	14.0	24.0	13.0	19.0	89.0	60.0	-	-	0.1	1.5	SW	SE	-	-	1.2	0.8	16.0	21.0
9	11.5	15.0	27.0	33.0	15.0	23.0	14.0	19.0	89.0	67.0	-	-	0.1	1.4	NE	NE	-	-	1.0	0.6	17.0	20.0
10	12.0	18.0	25.0	26.0	15.0	21.0	14.5	18.0	94.0	73.0	-	-	0.1	1.1	NE	NE	-	-	0.8	0.7	16.0	21.0
11	12.5	16.0	25.0	29.0	16.0	24.0	15.0	19.0	89.0	60.0	-	-	0.9	2.1	SE	SW	-	-	0.8	0.8	16.0	21.0
12	12.0	15.0	27.0	28.0	14.0	21.0	13.0	18.0	89.0	73.0	-	-	0.8	2.3	NW	NW	-	-	1.1	0.9	16.0	21.0
13	11.0	13.0	25.0	29.0	13.0	21.0	12.0	17.0	88.0	65.0	-	-	1.0	2.1	NW	SE	-	-	1.0	0.8	16.0	21.0
14	12.0	15.0	25.0	30.0	14.0	23.0	13.0	19.0	89.0	67.0	-	-	0.9	2.0	SE	NE	-	-	1.0	0.9	15.5	21.0
15	10.0	14.0	25.0	32.0	13.0	21.0	11.5	19.0	83.0	82.0	-	-	0.3	2.0	W	SE	-	-	1.2	1.0	15.0	21.5
16	10.5	13.5	26.0	34.0	12.0	23.0	11.0	18.0	88.0	53.0	-	-	0.1	1.5	NW	SE	-	-	1.0	1.2	14.5	21.0
17	10.0	17.0	24.0	34.0	15.0	24.0	14.0	19.0	89.0	60.0	-	-	0.2	1.2	NE	SE	-	-	1.0	1.0	14.5	22.0
18	13.0	18.0	27.0	34.0	18.0	24.0	16.0	19.0	80.0	60.0	-	-	0.3	0.9	NE	NE	-	-	1.0	1.2	16.0	23.0
19	13.0	19.0	25.0	34.0	15.0	24.0	14.0	20.0	89.0	68.0	-	-	0.7	2.9	W	NE	-	-	1.0	1.0	16.5	23.5
20	13.0	17.0	27.0	34.0	17.0	25.0	15.0	20.0	80.0	61.0	-	-	0.2	3.0	NE	NE	-	-	1.2	1.0	16.5	24.0
21	13.0	17.0	27.5	34.0	15.0	25.0	14.5	20.0	89.0	61.0	-	-	0.3	2.1	SW	SW	-	-	1.2	1.4	17.0	25.0
22	13.5	17.0	27.0	34.0	16.0	25.0	15.0	19.0	89.0	54.0	-	-	0.4	2.7	SW	NE	-	-	1.0	1.3	17.0	25.0
23	13.0	16.5	26.0	34.0	16.0	24.0	15.0	18.0	89.0	53.0	-	-	0.5	2.7	NE	NE	-	-	1.2	1.5	17.5	25.0
24	12.5	17.0	27.0	34.0	17.0	25.0	15.0	19.0	80.0	54.0	-	-	0.5	2.3	SE	NE	-	-	1.7	1.4	17.5	24.0
25	12.0	18.0	28.0	34.0	19.0	25.0	16.0	20.0	72.0	61.0	-	-	0.3	2.9	NE	NE	-	-	1.4	1.6	18.0	25.0
26	13.0	16.0	28.0	32.0	15.0	26.0	14.0	21.0	89.0	62.0	-	-	0.3	2.1	NW	NE	-	-	1.5	1.4	18.0	25.5
27	18.0	18.0	28.0	35.0	19.0	28.0	18.0	22.0	90.0	57.0	-	-	0.5	1.5	SW	SW	-	-	1.4	1.5	18.5	25.5
28	17.0	18.0	30.0	33.0	18.0	26.0	16.0	20.0	80.0	55.0	-	-	0.6	2.8	SW	SW	-	-	1.5	1.5	18.5	24.0
29	11.0	16.0	28.0	34.0	15.0	22.0	14.0	19.0	89.0	74.0	-	-	0.5	2.7	SW	SE	-	-	1.4	1.6	18.0	25.0
30	11.0	15.0	24.0	35.0	14.0	25.0	13.0	19.0	89.0	54.0	-	-	0.1	2.3	SE	E	-	-	1.5	1.4	18.5	25.0
31	12.0	30.0	30.0	18.0			16.0		80.0		-	-	0.2		NE		-	-	1.6		18.5	
Total	381.0	494.0	817.5	1005.0	477.5	730.0	441.0	591.0	2705.5	1984.0	-	2.0	11.6	60.9			0.8	0.0	35.1	33.1	514.0	727.0
Average	12.3	15.9	26.4	32.4	15.4	23.5	14.2	19.1	87.3	64.0	-	0.1	0.4	2.0			0.0	0.0			16.6	23.5
	14.1		29.4		19.5		16.6		75.6		0.0		1.2				0.0		68.2		20.0	

Twice Daily Climatic Data

Station Code : EMG00ES
Local River/Basin : Ong

Station Name : SALEBHATA
Sub-Division : Burd

FEBRUARY 2017

	Min Temperature		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day																						
LPoPM	18.0		36.0		27.0		20.0		50.0		-		1.8		E		-		1.8			
1	14.0	18.5	30.0	36.0	21.0	27.0	19.0	21.0	82.0	56.0	-	0.3	2.6	NE	NE	-	-	1.5	2.0	18.5	26.5	
2	14.0	18.0	30.0	35.0	18.0	27.0	16.0	21.0	80.0	56.0	-	0.3	2.5	NE	NE	-	-	1.4	2.0	18.0	26.5	
3	13.5	21.0	30.0	34.0	20.0	26.0	18.0	22.0	81.0	69.0	-	0.4	2.6	NE	NE	-	-	1.6	2.0	18.5	26.5	
4	13.0	15.0	29.0	35.0	14.0	27.0	13.0	20.0	89.0	50.0	-	0.3	2.7	NE	NE	-	-	1.5	2.0	18.0	26.0	
5	12.0	15.0	29.0	35.0	16.0	24.0	14.0	19.0	79.0	60.0	-	0.1	2.5	NE	NE	-	-	1.6	2.0	18.5	26.0	
6	12.0	19.0	26.0	37.0	18.0	26.0	16.0	20.0	80.0	55.0	-	0.1	1.8	SE	SE	-	-	1.7	1.9	18.0	26.5	
7	15.0	23.0	29.0	37.0	20.0	27.0	17.0	21.0	73.0	56.0	-	0.3	3.5	SE	SE	-	-	2.0	2.2	20.0	26.5	
8	14.0	25.0	30.0	36.0	23.0	29.0	20.0	23.0	75.0	58.0	2.0	0.4	2.1	NE	SE	-	-	2.0	2.1	20.0	26.0	
9	14.0	23.0	30.0	36.0	22.0	29.0	18.0	22.0	66.0	52.0	-	0.3	2.5	E	SE	-	-	1.9	2.0	20.0	26.5	
10	14.0	21.0	32.0	36.0	21.0	30.0	19.0	22.0	87.0	47.0	-	0.3	1.9	SE	NE	-	-	2.0	2.2	20.0	26.5	
11	15.0	23.0	31.0	36.0	20.0	29.0	18.0	22.0	81.0	52.0	-	1.0	1.1	SE	SE	-	-	2.1	2.2	21.0	27.5	
12	15.0	21.0	30.0	34.0	21.0	27.0	18.0	21.0	73.0	52.0	-	0.5	3.9	SE	NE	-	-	2.0	2.2	20.0	27.0	
13	15.0	20.5	29.0	35.0	21.0	27.0	18.0	21.0	73.0	52.0	-	0.1	3.5	NE	NE	-	-	1.9	2.1	20.5	27.5	
14	16.0	21.0	30.0	35.0	20.0	28.0	17.0	21.0	73.0	51.0	-	0.3	3.1	NW	SE	-	-	2.0	2.2	20.0	27.5	
15	16.0	21.0	31.0	37.0	21.0	27.0	18.0	20.0	73.0	50.0	2.0	0.6	3.1	NW	SE	-	-	1.8	2.0	20.5	27.0	
16	15.0	24.0	30.0	37.0	21.0	26.0	19.0	20.0	82.0	55.0	-	0.5	3.1	NE	NE	-	-	2.0	2.0	21.0	27.5	
17	15.0	24.0	30.0	37.0	20.0	27.0	16.0	20.0	64.0	50.0	2.0	0.7	3.3	NE	NE	-	-	1.8	2.2	20.5	27.5	
18	15.0	26.0	30.0	37.0	23.0	30.0	19.0	23.0	67.0	53.0	-	0.5	2.4	NE	E	-	-	2.0	2.1	21.0	27.5	
19	16.0	26.0	32.0	37.0	21.0	30.0	18.0	23.0	73.0	53.0	-	0.5	4.1	SW	SW	-	-	2.2	2.2	21.5	27.0	
20	16.0	32.0	32.5	40.0	22.0	30.0	20.0	21.0	80.0	42.0	-	0.7	3.1	SE	SE	-	-	2.3	2.8	21.5	27.5	
21	17.0	24.0	33.0	40.0	24.0	30.0	19.0	23.0	60.0	53.0	-	0.2	2.7	N	SE	-	-	2.0	2.7	21.0	27.5	
22	18.0	25.0	30.0	40.0	24.0	30.0	20.0	23.0	68.0	53.0	-	0.2	5.9	NE	NE	-	-	2.1	2.8	21.0	27.0	
23	18.0	25.0	33.0	40.0	24.0	29.0	19.0	24.0	60.0	64.0	-	0.7	3.9	NE	NE	-	-	2.2	2.7	21.0	27.5	
24	16.0	25.0	32.0	38.0	20.0	27.0	17.0	20.0	73.0	50.0	-	0.5	4.9	N	SE	-	-	2.0	2.6	21.5	27.0	
25	14.0	20.0	29.0	35.0	20.0	27.0	16.0	20.0	64.0	50.0	-	0.5	3.5	NE	NE	-	-	2.1	2.5	21.0	27.5	
26	14.0	22.0	30.0	37.0	22.0	30.0	16.0	24.0	50.0	59.0	-	0.4	2.6	NE	NE	-	-	2.2	2.6	21.5	27.0	
27	13.5	21.0	30.5	38.0	21.0	29.0	16.0	22.0	57.0	52.0	-	0.1	3.2	SE	SE	-	-	2.0	2.2	21.0	27.0	
28	14.0		32.0		22.0		17.0		58.0		-	0.2		N		-	-	2.3		21.5		
Total	414.0	617.0	850.0	1026.0	580.0	782.0	491.0	599.0	2021.0	1500.0	6.0	11.0	83.9				0.0	0.0	54.2	62.3	566.5	753.5
Average	14.8	22.0	30.4	36.6	20.7	27.9	17.5	21.4	72.2	53.6	0.2	0.4	3.0				0.0	0.0			20.2	26.9
	18.4		33.5		24.3		19.5		62.9		0.1	1.7					0.0		116.5		23.6	

* One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHAT/
Sub-Division : Burir

MARCH 2017

Day	Min Temperature		Max Temperature		Dry Bulb Temp. (°C)		Wet Bulb Temp. (°C)		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	13.5	20.0	30.0	38.0	23.0	30.0	19.0	22.0	67.0	47.0	-	-	0.7	2.5	SE	SE	-	-	2.2	2.4	23.0	28.0
2	14.0	21.0	29.0	38.0	23.0	30.0	19.0	21.0	67.0	47.0	-	-	0.3	1.7	SE	SE	-	-	2.0	2.5	22.5	28.5
3	15.0	22.0	30.0	40.0	24.0	31.0	20.0	22.0	68.0	43.0	-	-	0.3	1.8	NE	SW	-	-	2.2	2.5	24.0	29.0
4	16.0	21.0	32.0	40.0	25.0	30.0	20.0	24.0	61.0	59.0	-	-	0.2	2.4	SE	SE	-	-	2.4	2.4	24.0	28.0
5	16.0	21.0	31.0	40.0	26.0	31.0	21.0	25.0	62.0	60.0	-	-	0.9	3.5	NE	SE	-	-	2.5	2.6	24.5	28.0
6	18.0	22.0	30.0	40.0	24.0	30.0	19.0	24.0	57.0	59.0	-	-	0.8	1.4	NE	SW	-	-	2.4	2.5	24.0	28.0
7	18.0	22.0	29.0	35.0	21.0	28.0	17.0	22.0	65.0	57.0	-	-	2.5	4.4	N	SE	-	-	2.2	2.0	24.0	26.0
8	20.0	23.0	30.0	34.0	22.0	28.0	21.0	23.0	91.0	64.0	-	-	0.5	1.8	NE	NW	0.4	-	2.0	1.8	21.5	25.0
9	21.0	24.0	30.0	38.0	27.0	29.0	23.0	24.0	70.0	64.0	-	-	0.3	3.7	NE	NW	-	-	2.2	2.0	24.0	26.0
10	22.0	23.0	30.0	37.0	26.0	23.0	23.0	22.0	76.0	91.0	-	-	0.6	3.4	NE	NW	-	-	2.1	2.0	23.0	26.0
11	20.0	22.0	29.0	36.0	23.0	23.0	21.0	20.0	75.0	50.0	2.0	4.0	1.0	4.6	SE	NE	-	-	2.2	2.3	23.0	26.0
12	20.0	27.0	30.0	36.0	24.0	30.0	21.0	23.0	75.0	53.0	2.0	-	0.8	5.3	N	NE	-	-	2.0	2.2	24.0	26.5
13	16.0	25.0	32.0	37.0	22.0	30.0	17.0	22.0	58.0	47.0	-	2.0	0.5	4.2	NE	NE	-	-	2.1	2.0	24.5	25.5
14	16.0	22.0	30.0	36.0	22.0	28.0	19.0	21.0	74.0	51.0	2.0	-	0.4	4.2	E	SE	-	-	2.0	2.0	22.0	25.0
15	17.0	21.0	31.0	35.0	20.0	28.0	18.0	22.0	81.0	52.0	-	-	0.2	4.7	NE	SW	-	-	2.1	2.0	22.5	25.5
16	16.0	25.0	31.0	37.0	26.0	39.0	19.0	21.0	49.0	46.0	-	-	0.4	3.0	NE	SW	-	-	2.2	2.4	22.0	25.5
17	16.0	27.0	32.0	38.0	26.0	31.0	19.0	22.0	49.0	43.0	-	-	0.3	2.0	SE	NE	-	-	2.6	2.0	22.0	25.0
18	19.0	25.0	34.0	38.0	24.0	28.0	20.0	21.0	68.0	51.0	-	-	0.3	4.0	NE	NE	-	-	2.4	2.2	22.5	26.0
19	17.5	25.0	32.0	39.0	25.0	32.0	19.0	23.0	54.0	44.0	-	-	0.5	5.1	E	SW	-	-	2.2	2.6	22.0	28.0
20	19.0	24.0	34.0	37.0	23.0	29.0	19.0	21.0	68.0	46.0	-	-	2.3	4.6	NE	E	-	-	2.3	2.8	22.5	28.0
21	18.0	22.0	32.0	38.0	23.0	28.0	19.0	20.0	68.0	45.0	-	2.0	0.2	3.7	NW	SE	-	-	2.0	2.4	22.0	28.0
22	17.5	24.0	31.0	41.0	23.0	33.0	17.0	24.0	52.0	45.0	-	-	0.2	2.8	NE	NW	-	-	2.2	2.8	23.0	28.5
23	18.0	25.0	31.0	43.0	26.0	35.0	20.0	25.0	55.0	35.0	-	-	0.2	2.6	SE	SE	-	-	2.4	2.8	24.0	29.0
24	21.0	21.0	38.0	43.0	26.0	34.5	20.0	24.0	55.0	24.5	-	-	0.3	3.0	NE	SE	-	-	2.6	2.8	24.5	29.0
25	22.0	29.0	37.0	44.0	28.0	33.0	24.0	25.0	70.0	54.0	-	-	0.3	3.7	SE	SE	-	-	2.9	3.0	25.0	30.0
26	22.0	30.0	36.0	43.0	31.0	33.0	24.0	24.0	54.0	45.0	-	-	0.5	3.4	NE	NE	-	-	2.8	3.0	25.0	30.0
27	21.0	28.0	38.0	43.0	27.0	35.0	21.0	25.0	56.0	42.0	-	-	0.3	3.9	SE	E	-	-	2.7	2.9	25.0	30.5
28	22.0	28.0	37.0	43.0	31.0	34.0	24.0	25.0	54.0	57.0	-	-	0.4	3.0	W	SE	-	-	3.0	3.4	26.0	33.0
29	23.0	31.0	38.0	46.0	31.0	38.0	23.0	25.0	48.0	32.0	-	-	0.6	3.5	NW	NE	-	-	3.2	3.4	26.0	33.0
30	24.0	31.0	40.0	46.0	31.0	35.0	23.0	25.0	48.0	36.0	-	-	0.3	5.2	SE	NE	-	-	3.3	3.4	26.0	33.0
31	23.0	39.0	39.0	39.0	31.0	31.0	23.0	23.0	48.0	48.0	-	-	0.2	-	SE	SE	-	-	3.0	-	26.0	-
Total	581.5	755.0	1013.0	1217.0	784.0	956.5	632.0	709.0	1511.5	1511.5	6.0	10.0	17.1	106.4	-	-	0.4	3.8	74.4	77.5	734.0	865.5
Average	18.8	24.4	32.7	39.3	25.3	30.9	20.4	22.9	62.7	48.8	0.2	0.3	0.6	3.4	-	-	0.0	0.1	-	-	23.7	27.9
	21.6		36.0		28.1		21.6		55.7		0.3		2.0		-		0.1		151.9		25.8	

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Twice Daily Climatic Data

Station Code : EMG00E5
Local River/Basin : Ong

Station Name : SALEBHATA
Sub-Division : Burla

APRIL 2017

Day	Min Temperature		Max Temperature		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	22.0	31.0	39.0	47.0	31.0	37.0	23.0	26.0	48.0	39.0	2.0	-	0.5	3.5	SE	SE	-	-	2.9	4.0	25.0	35.0
2	25.0	32.0	40.0	45.0	31.0	38.0	24.0	25.0	54.0	32.0	-	-	0.4	2.8	SE	SE	-	-	3.2	4.0	25.5	34.0
3	25.0	32.0	41.0	42.0	31.0	36.0	24.0	24.0	54.0	34.0	-	-	0.9	3.1	NW	E	-	-	3.0	3.2	25.5	32.0
4	28.0	29.0	40.0	44.0	32.0	37.0	24.0	25.0	49.0	35.0	2.0	2.0	0.8	4.3	SE	SW	-	-	3.2	3.8	27.0	32.0
5	28.0	31.0	42.0	45.0	33.0	38.0	25.0	25.0	50.0	32.0	-	-	0.5	4.6	SW	SW	-	-	3.6	3.1	27.0	32.5
6	30.0	32.0	40.0	46.0	32.0	36.0	25.0	28.0	55.0	33.0	2.0	-	0.7	3.3	SW	E	-	-	3.4	3.8	27.0	32.0
7	27.0	31.0	39.0	46.0	31.0	39.0	25.0	25.0	63.0	29.0	-	2.0	0.2	4.8	E	W	-	-	3.5	4.0	27.0	32.5
8	26.0	31.0	40.0	45.0	30.0	38.0	24.0	26.0	59.0	36.0	2.0	-	1.2	3.3	SE	NE	-	-	3.6	3.8	27.5	32.0
9	25.0	29.0	40.0	42.0	28.0	36.0	21.0	26.0	51.0	43.0	-	-	0.7	4.4	NE	E	-	-	3.4	3.9	27.5	32.5
10	24.0	35.0	39.0	49.0	30.0	34.0	21.0	23.0	42.0	36.0	-	2.0	1.4	5.3	NE	NE	-	-	3.2	4.0	27.0	32.0
11	18.0	26.0	32.0	42.0	25.0	34.0	17.0	22.0	41.0	32.0	-	2.0	0.6	3.7	SE	E	-	-	3.3	3.8	27.0	32.5
12	21.0	29.0	37.0	43.0	28.0	34.0	19.0	22.0	39.0	32.0	-	2.0	0.4	3.7	NW	NE	-	-	3.1	3.6	26.5	32.5
13	21.0	30.0	36.5	45.0	28.0	34.0	21.0	24.0	51.0	41.0	-	-	0.8	3.0	NE	NE	-	-	3.2	3.7	26.0	32.0
14	21.0	30.0	36.0	45.0	28.0	34.0	21.5	24.0	54.0	41.0	-	-	0.9	3.7	SE	NE	-	-	3.4	3.8	26.0	32.5
15	21.0	29.0	36.5	45.0	29.0	37.0	21.0	28.0	46.0	49.0	-	-	0.7	3.2	SE	E	-	-	3.6	3.9	26.0	32.0
16	25.0	29.0	40.0	44.0	28.0	37.0	23.0	28.0	64.0	49.0	-	-	0.8	4.6	NE	NE	-	-	3.5	4.0	26.5	32.5
17	27.0	29.0	39.0	42.0	28.0	36.0	25.0	25.0	77.0	38.0	-	-	1.6	5.1	NE	SE	-	-	3.7	4.2	26.5	32.5
18	28.0	30.0	40.0	44.0	32.0	37.0	26.0	25.0	61.0	35.0	-	-	0.7	2.8	SE	NE	-	-	3.9	4.4	27.0	32.5
19	27.0	32.0	40.0	44.0	31.0	33.0	26.0	24.0	66.0	45.0	-	-	0.9	4.1	SE	NE	-	0.6	3.8	4.0	28.0	31.5
20	26.0	26.0	36.0	46.0	30.0	39.0	24.0	26.0	59.0	37.0	-	2.0	0.2	5.2	SE	NE	-	-	3.9	4.0	28.0	32.5
21	27.0	34.0	40.0	47.0	32.0	39.0	24.0	24.0	49.0	28.0	-	2.0	0.8	5.8	SE	SE	-	-	4.0	4.4	28.0	32.5
22	29.0	38.0	42.0	47.0	36.0	39.0	25.0	25.0	42.0	29.0	2.0	2.0	1.7	5.9	SW	NE	-	-	4.1	4.3	28.0	32.5
23	29.0	36.0	42.0	46.0	32.0	38.0	25.0	23.0	55.0	36.0	-	2.0	0.5	4.3	NE	SE	-	-	4.0	4.4	27.5	32.5
24	28.0	36.0	41.0	45.0	35.0	37.0	23.0	24.0	33.0	31.0	-	2.0	1.3	4.8	SE	SW	-	-	4.1	4.4	27.5	33.0
25	28.0	36.0	40.0	45.0	35.0	38.0	24.0	28.0	37.0	32.0	-	2.0	1.6	14.7	SW	SE	-	-	4.0	4.3	28.0	33.0
26	27.0	32.0	39.0	46.0	31.0	39.0	20.0	25.0	32.5	29.0	-	2.0	0.3	4.9	NE	SE	-	-	4.2	4.4	28.0	32.5
27	25.0	34.0	38.0	45.0	32.0	39.0	21.0	24.0	34.0	25.5	-	2.0	0.5	4.1	NE	SE	-	-	4.0	4.2	27.5	32.0
28	23.0	32.0	42.0	46.0	31.0	38.0	21.0	25.0	37.5	32.0	-	2.0	0.4	4.7	NE	SW	-	-	3.9	4.3	27.0	32.0
29	24.0	32.0	36.0	46.0	35.0	38.0	23.0	25.0	33.0	32.0	-	2.0	0.5	3.7	SW	E	-	-	4.0	4.2	28.0	32.5
30	26.0	32.0	32.0	44.0	32.0	32.0	23.0	23.0	44.0	-	-	-	1.1	-	NE	-	-	-	4.1	-	28.0	-
Total	761.0	944.0	1165.0	1350.0	927.0	1104.0	688.5	748.0	1480.0	1079.5	10.0	30.0	23.3	134.9	-	-	0.0	0.6	108.8	119.3	811.0	975.0
Average	25.4	31.5	38.8	45.0	30.9	36.8	23.0	24.9	49.3	36.0	0.3	1.0	0.8	4.5	-	-	0.0	0.0	-	-	27.0	32.5
	28.4	41.9	33.9	23.9	42.7	0.7	2.6	228.1	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Station Code : EMG00E5
Local River/Basin : Ong

Twice Daily Climatic Data

Station Name : SALEBHATA
Sub-Division : Burla

MAY 2017

Day	Min Temperature		Max Temperature		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	29.0	34.0	39.0	43.0	33.0	38.0	24.0	23.0	45.0	45.0	-	2.0	11.2	4.2	SE	NE	-	-	4.2	4.3	28.0	32.0
2	26.0	31.0	40.0	43.0	30.0	35.0	23.0	25.0	53.0	67.0	-	2.0	1.3	4.8	NE	SE	-	-	3.9	4.2	27.5	33.0
3	28.0	35.0	38.0	45.0	33.0	35.0	26.0	25.0	61.5	67.0	2.0	-	0.4	3.3	SE	SW	-	-	4.1	4.6	28.0	33.5
4	27.0	36.0	41.0	46.0	32.0	35.0	24.0	24.0	49.0	37.0	-	2.0	0.5	4.2	SE	SW	-	-	4.0	4.5	28.0	33.0
5	28.0	36.0	40.0	46.0	31.0	36.0	23.0	25.0	48.0	38.0	-	2.0	0.6	2.3	E	SW	-	-	3.8	4.4	27.5	33.5
6	27.0	35.0	38.0	42.0	33.0	35.0	26.0	24.0	45.0	37.0	-	0.9	2.0	2.0	SE	SW	9.2	-	3.4	4.0	27.0	33.0
7	25.0	26.0	39.0	41.0	26.0	34.0	23.0	26.0	76.0	51.0	2.0	2.0	1.5	3.0	SE	SE	2.6	-	3.7	4.1	27.0	33.5
8	26.0	33.0	39.0	45.0	31.0	38.0	24.0	26.0	54.0	36.0	2.0	2.0	0.3	2.7	SE	SE	-	-	3.8	3.9	27.5	33.0
9	28.0	32.0	40.0	45.0	31.0	35.0	25.0	25.0	63.0	42.0	-	-	0.9	2.9	SW	SE	-	-	3.6	4.0	28.0	33.5
10	27.0	32.0	38.0	44.0	29.0	34.0	24.0	24.0	64.0	41.0	-	2.0	1.8	2.0	NE	SE	-	-	3.5	3.8	27.5	33.0
11	27.0	32.0	41.0	45.0	33.0	35.0	26.0	23.0	55.5	33.0	-	2.0	0.5	3.2	NE	SE	-	-	3.4	4.0	27.0	33.5
12	28.0	32.0	38.0	45.0	31.0	35.0	25.0	26.0	60.0	47.0	-	-	1.7	2.9	SE	NE	-	-	3.6	4.2	27.5	33.5
13	29.0	30.0	38.0	46.0	33.0	35.0	26.0	26.0	55.5	47.0	-	4.0	1.8	4.8	NE	NE	-	-	3.8	4.0	27.5	33.0
14	29.0	35.0	39.0	47.0	34.0	41.0	26.0	27.0	57.0	28.0	4.0	4.0	9.2	3.9	NE	SE	-	-	4.2	4.0	29.0	35.0
15	30.0	37.0	40.0	47.0	35.0	41.0	26.0	27.0	47.0	31.0	-	-	0.6	4.8	SW	SE	-	-	3.4	4.2	32.0	37.0
16	32.0	36.0	44.0	47.0	35.0	40.0	28.0	28.0	57.0	38.0	-	2.0	1.0	3.9	NE	SE	-	-	3.6	4.1	31.0	37.0
17	31.0	35.0	42.0	47.0	34.0	39.0	29.0	29.0	68.0	46.0	-	-	0.9	1.9	NE	SW	-	-	3.5	4.0	31.0	36.0
18	30.0	35.0	41.0	44.0	34.0	39.0	29.0	28.0	68.0	41.0	-	2.0	2.0	4.8	NE	NE	-	-	3.8	4.2	30.0	36.0
19	27.0	32.0	42.0	45.0	32.0	38.0	26.0	29.0	61.0	50.0	2.0	2.0	3.6	4.2	SE	NE	-	-	3.6	4.0	27.0	37.0
20	29.0	36.0	41.0	47.0	34.0	37.0	26.0	25.0	55.0	35.0	-	2.0	0.9	4.3	NE	NE	-	-	3.5	4.1	29.0	37.0
21	29.0	36.0	39.0	45.0	35.0	36.0	25.0	24.0	42.0	34.0	-	2.0	1.3	4.4	SE	NE	-	-	3.4	4.0	29.0	37.5
22	29.0	36.0	40.0	48.0	35.0	41.0	27.0	28.0	52.0	35.0	-	-	0.4	3.9	SE	SE	-	-	3.6	4.2	29.0	37.5
23	29.0	36.0	42.0	48.0	35.0	40.0	26.0	28.0	47.0	38.0	2.0	-	0.4	4.2	NE	E	-	-	3.8	4.4	30.0	37.5
24	31.0	36.0	43.0	46.0	34.0	40.0	28.0	26.0	62.0	30.0	-	-	0.8	4.5	NE	NW	-	-	3.7	4.0	30.0	36.0
25	30.0	36.0	42.0	46.5	33.0	40.0	24.0	28.0	45.0	38.0	-	-	1.1	3.6	E	SE	-	-	3.8	4.2	30.5	37.0
26	31.0	36.0	41.0	45.0	34.0	38.0	25.0	27.0	46.0	40.0	-	-	0.8	2.7	NE	NE	-	-	4.0	4.0	30.0	35.0
27	25.0	31.0	38.0	42.0	30.0	36.0	26.0	26.0	72.0	43.0	2.0	2.0	2.6	2.9	SW	E	3.6	-	3.8	3.0	27.0	32.0
28	24.0	30.0	38.0	40.0	28.0	35.0	24.0	27.0	92.0	52.0	2.0	-	3.8	2.6	SW	E	19.2	-	3.7	3.2	26.0	35.0
29	27.0	32.0	39.0	37.0	32.0	34.0	25.0	26.0	55.0	51.0	2.0	-	1.4	3.1	SW	NE	-	-	2.8	4.6	30.0	33.0
30	28.0	28.0	38.0	39.0	33.0	36.0	26.0	25.0	55.5	38.0	2.0	-	1.0	5.4	NE	E	-	-	3.6	4.4	29.0	35.0
31	30.0	38.0	38.0		31.0		26.0				-		2.3		SE		-	-	3.8		30.0	
Total	876.0	1040.0	1236.0	1382.5	1004.0	1148.0	791.0	804.0	1711.0	1284.0	22.0	38.0	57.4	110.9			34.6	0.0	114.4	126.9	887.5	1074.0
Average	28.3	33.5	39.9	44.6	32.4	37.0	25.5	25.9	55.2	41.4	0.7	1.2	1.9	3.6			1.1	0.0			28.6	34.6
	30.9		42.2		34.7		25.7		48.3		1.0		2.7				0.6		241.3		31.6	

Twice Daily Climatic Data

Station Code : EMF00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

JUNE 2016

JUNE 2016																							
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM																							
1	28.0	34.5	38.5	44.0	32.0	36.5	28.0	28.0	73.0	50.0	-	-	0.7	2.3	E	NW	-	-	1.5	3.6	28.0	38.0	
2	30.0	34.5	39.0	43.0	33.0	37.0	27.0	27.0	80.0	44.0	-	-	1.0	2.9	E	W	-	-	2.4	3.7	30.0	38.0	
3	31.0	32.0	39.0	40.0	31.0	36.0	27.0	28.5	72.0	50.0	-	-	1.0	1.6	SE	W	-	-	2.9	2.0	29.5	36.0	
4	27.0	31.5	39.0	40.0	29.5	33.5	26.5	27.0	74.0	59.0	-	-	1.6	2.5	SW	E	-	-	1.9	3.2	27.5	37.0	
5	28.0	32.0	36.0	44.0	30.0	35.0	26.5	28.0	68.0	57.0	-	-	2.0	2.0	SE	N	-	-	2.6	2.5	28.0	35.5	
6	30.0	30.0	37.0	41.0	32.0	29.0	27.0	27.0	67.0	85.0	-	-	1.0	2.1	SE	SE	-	-	2.1	2.4	30.0	32.5	
7	28.0	31.0	39.0	42.0	31.0	30.0	27.0	25.0	73.0	65.0	-	-	0.3	3.7	E	E	-	-	1.2	3.3	29.0	35.0	
8	29.0	28.0	40.0	40.0	29.0	23.0	25.0	22.0	71.0	91.0	-	-	1.3	3.2	E	N	-	-	36.0	2.5	3.6	28.0	30.0
9	25.0	28.0	40.0	35.5	26.0	33.0	24.0	28.0	84.0	68.0	-	-	1.1	1.2	W	E	-	-	1.7	1.3	25.0	33.5	
10	32.0	34.0	34.0	39.0	31.0	35.0	28.0	28.0	79.0	57.0	-	-	0.8	2.9	SW	SW	-	-	1.7	3.4	29.5	38.0	
11	32.0	34.0	37.0	41.5	32.0	37.0	27.0	29.0	67.0	54.0	-	-	5.4	1.3	SW	NW	-	-	2.5	2.7	29.5	38.5	
12	26.0	30.0	39.0	38.0	30.0	34.5	26.5	28.5	68.0	62.0	-	-	1.9	2.3	SE	W	-	-	2.8	1.8	28.0	36.0	
13	32.0	33.0	36.0	40.0	31.0	34.0	26.0	28.5	66.0	59.0	-	-	0.6	2.7	NE	SW	-	-	2.2	2.5	30.0	35.0	
14	29.0	30.0	36.0	40.5	29.0	36.0	25.5	29.0	68.0	58.0	-	-	1.3	3.0	SW	NW	-	-	2.0	3.2	28.0	37.0	
15	31.0	33.0	38.5	40.5	33.0	36.0	28.0	28.0	80.0	53.0	-	-	1.6	3.3	SW	W	-	-	2.7	2.9	29.0	35.5	
16	30.0	31.0	38.5	40.0	31.0	35.5	25.5	28.5	60.0	57.0	-	-	0.7	1.9	N	NW	-	-	2.0	1.5	29.0	35.0	
17	25.0	30.0	37.5	39.0	25.0	30.0	23.0	25.0	84.0	65.0	-	-	1.7	1.0	E	SW	0.6	-	6.1	1.2	30.0	30.0	
18	26.0	27.0	31.0	32.0	26.5	28.5	25.5	27.0	92.0	88.0	-	-	0.2	0.9	SW	SW	-	-	1.0	1.1	27.0	32.0	
19	27.0	30.0	32.0	36.0	29.0	29.0	27.0	27.0	85.0	85.0	-	-	0.9	1.1	SW	S	-	-	1.0	1.4	28.5	34.0	
20	27.0	31.0	32.5	38.0	30.0	33.0	27.0	27.0	78.0	62.0	-	-	0.7	2.6	SE	E	-	-	0.6	3.0	28.5	36.0	
21	28.0	32.0	36.0	40.0	30.0	33.5	27.0	26.5	78.0	56.0	-	-	1.3	1.9	SW	N	-	-	1.6	3.3	28.5	36.5	
22	28.0	33.0	37.0	40.0	32.0	35.0	28.0	28.0	73.0	57.0	-	-	1.2	2.0	E	N	-	-	1.8	3.1	29.0	37.5	
23	28.5	32.0	40.0	39.5	30.5	33.0	28.0	28.0	82.0	68.0	-	-	0.9	1.6	NE	E	-	-	2.0	1.8	29.0	35.0	
24	24.0	23.0	35.0	36.0	24.0	31.0	23.0	28.0	91.0	79.0	-	-	0.9	1.8	N	N	-	-	2.6	2.3	26.0	37.0	
25	25.5	31.0	33.0	38.5	29.5	31.5	27.5	28.0	85.0	76.0	-	-	0.7	2.1	SE	SE	-	-	1.4	2.6	28.0	35.0	
26	26.0	30.0	34.0	39.0	29.0	28.0	26.0	26.0	78.0	85.0	-	-	0.2	2.8	E	SE	-	-	1.4	3.4	28.0	34.5	
27	27.0	31.0	35.0	36.0	30.0	30.0	27.5	27.0	75.0	78.0	-	-	0.3	2.4	NE	W	-	-	1.4	1.3	29.0	34.0	
28	27.0	29.0	34.0	36.5	29.5	28.0	27.5	26.5	85.0	81.0	-	-	0.7	2.8	N	N	-	-	0.8	1.4	29.5	33.0	
29	27.0	29.0	35.0	35.0	29.5	29.0	27.5	27.5	85.0	81.0	-	-	0.2	1.7	N	N	0.8	1.2	0.7	2.8	29.0	33.0	
30	28.0		31.0		30.0		28.0		85.0		-	-	0.3		NW		-	-	0.7		28.5		
Total	842.0	894.5	1089.5	1134.5	895.0	940.5	797.0	791.5	2306.0	1930.0	-	-	32.4	63.5			1.4	38.0	58.4	74.3	856.5	1018.0	
Average	28.1	30.8	36.3	39.1	29.8	32.4	26.6	27.3	76.9	66.6	-	-	1.1	2.2			0.0	1.3			28.6	35.1	
	29.5			37.7	31.1		26.9		71.7		0.0		1.6				0.7		132.7		31.8		

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMFOOK6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
-0.0 .. N.A.

JULY 2016

JULY 2016																																												
	Min Temperature (°C)				Max Temperature (°C)				Dry Bulb Temp. (°C)				Wet Bulb Temp. °C				Relative Humidity (%)				Inst. Wind Speed (kms/hr)				Av. Wind Speed (kms/hr)				Wind Direction (16 pts)				Rainfall (mm)				Pan Evaporation (mm)				Temp - Pan Water (°C)			
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30								
LPOPM		28.0		35.0		28.5		88.0				1.6			NW																													
1	27.0	28.5	33.0	36.0	29.0	29.0	28.0	92.0	85.0	-	-	0.1	1.8	NW	SW	-	-	0.8	1.6	28.5	34.5																							
2	24.0	27.0	32.0	32.0	26.0	28.0	25.5	88.0	92.0	-	-	0.8	0.5	W	W	0.4	-	6.4	1.6	26.0	30.5																							
3	26.0	25.0	31.0	30.0	25.0	26.5	24.5	88.0	92.0	-	-	0.3	0.7	W	W	0.4	0.4	0.8	1.6	26.0	29.0																							
4	26.0	27.0	30.0	32.5	26.5	25.5	25.5	92.0	88.0	-	-	0.6	2.4	SW	SW	-	7.8	0.8	2.3	26.5	30.0																							
5	26.5	28.0	30.0	30.0	26.0	28.0	25.0	92.0	85.0	-	-	0.7	1.6	SW	SW	-	-	2.0	1.5	26.0	29.0																							
6	27.5	26.0	31.0	34.0	26.5	30.0	25.0	88.0	78.0	-	-	1.2	0.8	SW	SW	-	-	1.0	1.4	25.5	33.5																							
7	28.0	27.5	32.0	30.0	26.0	25.0	24.5	92.0	88.0	-	-	1.1	1.6	SW	SW	-	-	1.3	0.2	27.0	27.5																							
8	22.0	24.0	27.5	28.0	25.0	24.0	24.0	92.0	91.0	-	-	0.6	2.7	SW	S	0.2	3.2	1.0	3.4	25.5	25.0																							
9	24.0	22.5	27.0	25.5	23.0	23.0	22.5	87.0	87.0	-	-	0.6	0.9	S	SW	28.6	1.0	2.4	2.0	23.5	25.0																							
10	23.0	22.5	25.5	26.0	23.0	23.5	22.5	87.0	96.0	-	-	0.5	0.5	SW	SW	2.6	0.2	1.6	1.2	23.5	25.0																							
11	22.0	23.5	27.0	28.0	23.5	26.0	23.0	96.0	92.0	-	-	0.6	0.3	SW	SW	0.8	0.2	0.4	1.2	24.0	27.0																							
12	25.5	26.5	30.0	31.0	25.5	28.0	24.5	92.0	91.0	-	-	0.4	2.1	SW	NW	-	-	0.9	1.1	25.5	31.0																							
13	25.0	27.0	30.0	32.5	29.0	29.0	25.0	71.0	71.0	-	-	0.5	2.7	SW	W	-	0.4	1.4	1.1	27.5	32.5																							
14	28.0	26.5	31.0	34.0	26.0	29.5	25.0	92.0	81.0	-	-	0.1	2.1	W	W	-	-	1.4	1.4	27.0	32.0																							
15	28.0	27.0	31.5	35.0	31.0	25.5	27.0	73.0	96.0	-	-	0.1	1.4	W	W	-	7.6	1.1	1.7	28.0	29.5																							
16	24.0	24.0	28.0	30.0	25.0	27.0	24.5	88.0	84.0	-	-	0.4	1.8	NW	SW	-	-	3.6	1.0	25.0	29.0																							
17	24.0	26.5	30.0	34.0	27.0	27.0	26.5	88.0	92.0	-	-	0.4	1.4	NW	N	-	-	2.8	1.3	25.5	32.0																							
18	24.0	26.0	30.0	34.0	25.5	27.0	25.0	96.0	92.0	-	-	0.6	2.0	W	N	-	-	9.4	1.3	25.0	32.5																							
19	26.0	28.0	30.5	31.0	27.5	27.5	26.0	88.0	84.0	-	-	0.4	1.3	N	N	-	-	0.8	0.7	27.0	30.0																							
20	25.5	26.0	30.5	34.0	25.5	30.0	25.0	96.0	85.0	-	-	0.1	0.7	N	N	-	-	0.5	1.0	26.0	34.0																							
21	26.0	26.0	33.0	35.0	26.0	30.0	25.0	92.0	85.0	-	-	0.4	0.9	N	N	-	-	1.7	1.2	27.0	34.5																							
22	27.0	27.0	32.0	35.0	28.0	30.0	27.0	92.0	85.0	-	-	0.2	1.1	N	S	-	-	0.9	1.6	28.0	34.0																							
23	26.0	27.5	32.0	36.5	27.0	30.0	26.0	92.0	75.0	-	-	0.2	1.2	SE	SE	-	-	0.8	2.0	27.0	35.0																							
24	25.5	25.0	32.0	35.5	27.0	29.0	26.0	92.0	78.0	-	-	0.3	2.0	E	NW	-	-	4.6	1.4	27.0	34.5																							
25	27.0	29.0	30.0	35.0	28.0	28.5	27.0	92.0	88.0	-	-	0.2	1.1	NW	NW	-	-	1.1	1.2	27.0	33.0																							
26	26.0	27.0	31.0	35.0	27.0	28.0	26.0	92.0	85.0	-	-	0.2	1.3	NW	NW	-	-	0.9	1.6	27.0	32.5																							
27	26.0	27.0	30.5	36.0	26.5	30.0	25.5	92.0	78.0	-	-	0.3	1.9	NW	SE	-	-	0.9	2.0	26.5	33.5																							
28	26.0	31.0	33.0	37.0	30.0	31.0	27.0	78.0	79.0	-	-	0.5	1.6	SE	N	-	-	1.1	2.0	27.5	35.5																							
29	26.0	27.0	32.0	38.0	30.0	27.0	27.0	78.0	92.0	-	-	0.5	2.1	N	SW	-	11.6	1.7	6.8	28.0	33.0																							
30	25.5	31.0	31.5	37.5	29.5	29.5	27.5	85.0	85.0	-	-	0.2	1.4	SW	N	-	-	0.9	2.0	27.5	35.5																							
31	27.0		32.0		26.5		25.5	92.0		-	-	0.1		N		-	-	1.5		27.5																								
Total	794.0	824.5	946.5	1023.0	827.0	860.5	788.5	811.0	2668.0	-	-	13.2	45.4			33.0	32.4	56.5	51.8	818.5	971.5																							
Average	25.6	26.6	30.5	33.0	26.7	27.8	25.4	26.2	88.9	86.1	-	0.4	1.5			1.1	1.0			26.4	31.3																							
	26.1		31.8		27.2		25.8		87.5		0.0	0.9				1.1		108.3			28.9																							

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMFO0K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

AUGUST 2016

AUGUST 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	27.0		31.5	35.5	26.5	25.0			88.0		-	1.8		N		0.4		1.2		17.30	33.0	
1	26.0	28.0	31.5	35.0	29.5	27.0	26.0	27.0	81.0	88.0	-	0.3	2.2	SW	NW	0.2		1.1	1.1	27.5	31.5	
2	26.5	27.0	30.5	34.0	25.5	27.0	24.5	26.0	92.0	92.0	-	0.1	1.2	NW	NE	-	5.2	0.9	1.2	26.5	31.0	
3	26.0	26.5	30.0	32.0	26.0	26.5	25.0	26.0	92.0	88.0	-	0.2	0.9	W	NW	1.4	0.4	0.8	1.2	26.0	29.0	
4	24.0	24.0	29.0	27.0	24.0	24.0	23.5	23.5	87.0	87.0	-	0.6	0.5	NE	SW	6.0	2.0	7.2	2.2	24.5	25.5	
5	23.0	23.5	26.0	26.5	22.0	24.0	21.0	23.0	91.0	91.0	-	0.4	0.6	SW	SW	1.2	0.2	2.4	0.8	23.0	25.0	
6	23.0	23.0	27.0	27.0	23.5	24.5	23.2	24.0	96.0	87.0	-	0.2	0.2	SW	SW	-	-	3.2	1.3	24.0	26.5	
7	25.0	25.0	27.5	31.0	25.0	27.0	24.0	26.0	92.0	92.0	-	0.4	1.2	SW	SW	-	-	0.5	1.3	25.5	30.5	
8	24.5	24.5	29.5	33.5	24.5	29.0	24.5	27.0	96.0	78.0	-	0.8	2.0	NW	N	0.8	0.4	4.0	1.3	35.0	32.5	
9	26.5	25.0	32.0	31.0	25.0	28.0	24.0	26.0	88.0	92.0	-	0.1	0.3	NW	W	2.4	-	1.0	1.2	26.5	30.5	
10	25.0	24.0	31.0	29.0	24.5	27.0	23.0	25.5	96.0	92.0	-	0.1	0.5	W	W	18.4	-	1.6	2.3	25.5	28.5	
11	24.5	23.0	30.0	28.0	27.5	26.0	26.0	26.0	96.0	88.0	-	0.1	0.3	SW	W	-	-	4.8	1.6	25.0	28.0	
12	25.5	28.5	30.0	33.5	28.0	26.0	26.0	26.0	85.0	85.0	-	1.3	1.2	SW	SW	1.3	-	2.1	1.4	27.0	31.5	
13	26.0	27.0	32.0	32.0	28.0	27.0	26.5	27.0	85.0	92.0	-	0.2	4.9	SW	SW	-	-	2.7	1.2	27.0	30.5	
14	26.5	30.0	32.0	33.0	29.0	29.5	24.5	25.0	74.0	81.0	-	1.2	2.3	SW	SW	-	2.8	1.4	1.0	29.0	32.5	
15	27.0	25.0	32.5	30.0	25.5	26.0	24.0	24.0	92.0	92.0	-	0.6	1.5	W	SW	-	-	1.1	1.2	26.5	28.0	
16	25.0	24.0	28.0	28.0	24.5	25.0	23.0	24.0	96.0	92.0	-	0.6	1.8	W	W	2.0	-	1.0	1.0	25.0	27.0	
17	24.0	22.5	28.0	26.5	23.5	24.5	23.5	24.0	96.0	96.0	-	0.4	0.5	SW	SW	0.4	-	2.6	0.6	24.5	25.5	
18	24.0	24.0	27.5	30.0	27.0	28.0	26.0	27.0	87.0	84.0	-	0.4	1.8	SW	SW	-	-	0.8	1.1	24.5	28.0	
19	25.0	31.0	28.0	35.0	27.0	28.0	26.0	26.0	78.0	92.0	-	0.2	2.2	E	NW	-	-	0.9	1.9	26.0	32.5	
20	28.0	30.0	35.0	36.0	29.0	28.0	26.5	27.0	78.0	85.0	-	0.0	1.4	NW	W	-	-	1.0	1.8	26.5	32.5	
21	25.0	30.0	31.5	37.5	28.5	30.0	26.0	25.0	85.0	78.0	-	0.1	1.9	N	SW	-	-	1.1	2.0	27.0	34.0	
22	27.0	27.0	33.0	35.5	27.5	28.0	27.0	27.0	88.0	96.0	-	0.2	1.0	SW	SW	-	1.4	1.5	0.5	27.5	29.5	
23	25.0	24.5	31.5	35.0	28.0	30.0	27.0	28.0	92.0	78.0	-	0.1	1.1	SW	N	-	-	0.9	1.4	27.0	32.5	
24	26.0	32.0	33.0	33.5	29.0	31.0	27.0	26.0	85.0	79.0	-	0.2	1.2	SE	W	-	-	1.0	1.8	27.5	35.0	
25	24.0	28.5	33.5	36.0	28.5	29.0	26.0	25.0	88.0	85.0	-	0.4	0.7	SW	SE	0.6	0.4	1.8	1.6	27.0	32.5	
26	27.0	27.5	32.0	35.0	27.0	28.0	27.0	27.0	92.0	92.0	-	0.1	1.4	E	W	-	-	1.0	1.1	27.5	31.0	
27	25.0	29.0	35.0	35.5	28.5	28.0	27.5	28.0	88.0	92.0	-	0.2	1.3	SE	E	-	-	1.4	1.6	27.0	32.0	
28	25.5	31.0	35.5	37.0	30.0	30.5	28.5	28.5	75.0	82.0	-	0.1	2.1	SE	N	-	-	0.8	1.4	27.0	33.0	
29	26.0	30.0	33.5	37.5	30.0	31.5	28.0	25.5	85.0	79.0	-	0.3	2.1	N	SE	-	-	0.8	1.4	27.0	33.5	
30	27.0	28.5	35.0	38.0	31.0	26.5	27.5	26.0	79.0	92.0	-	0.2	1.7	N	SE	-	-	0.3	2.0	28.0	32.5	
31	25.5		33.5		30.0		35.0		75.0		-	0.3		NW		-	-	1.3		27.0		
Total	788.0	830.5	964.0	1014.0	836.5	853.5	798.2	800.0	2710.0	2715.0	-	10.2	43.9			33.4	13.2	53.0	42.7	824.5	945.0	
Average	25.4	26.8	31.1	32.7	27.0	27.5	25.7	25.8	87.4	87.6	-	0.3	1.4			1.1	0.4			26.6	30.5	
	26.1		31.9		27.3		25.8		87.5		0.0	0.9				0.8		95.7		28.5		

247

Twice Daily Climatic Data

Station Code : EMFOOK6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 - N.A.

SEPTEMBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	26.5	28.0	31.5	34.5	28.0	29.0	26.0	27.0	85.0	85.0	0.6	1.8	0.6	1.8	E	N	-	-	0.9	0.8	27.5	31.5
2	27.0	25.0	32.0	35.0	25.5	27.0	25.0	26.0	96.0	92.0	0.3	0.9	0.3	0.9	N	SW	-	-	0.9	0.9	26.5	29.0
3	25.0	24.0	28.0	28.0	24.0	28.0	23.5	27.0	87.0	76.0	0.2	0.1	0.2	0.1	W	SW	3.0	-	0.8	1.8	25.0	29.0
4	22.0	21.0	28.0	28.0	22.0	24.0	21.5	23.5	87.0	87.0	0.5	0.1	0.5	0.1	N	NW	3.4	4.6	8.1	3.4	23.0	26.0
5	21.5	24.0	26.5	30.0	24.0	24.0	23.5	23.5	87.0	87.0	0.1	0.4	0.1	0.4	N	N	2.2	11.2	1.0	1.2	24.0	28.5
6	24.0	28.0	31.0	32.0	28.5	27.0	27.0	25.5	88.0	81.0	0.1	1.9	0.1	1.9	N	N	-	-	0.8	0.5	26.0	29.5
7	25.5	23.0	31.0	30.5	26.5	26.5	25.0	25.5	88.0	92.0	0.0	0.4	0.0	0.4	N	N	-	-	0.8	0.5	26.0	29.0
8	26.5	25.0	30.5	26.0	25.0	25.0	24.0	24.0	91.0	92.0	0.4	0.2	0.4	0.2	NW	N	5.8	-	2.0	-	24.0	25.0
9	23.0	25.0	25.5	28.0	25.0	29.0	24.5	28.0	96.0	84.0	0.0	0.6	0.0	0.6	W	SW	-	-	2.0	2.0	24.0	28.0
10	25.0	26.5	32.0	33.0	27.0	27.0	26.0	26.5	92.0	88.0	0.1	2.0	0.1	2.0	SW	N	-	-	0.3	-	26.0	30.5
11	26.0	27.0	32.0	34.0	30.0	26.0	28.0	25.0	85.0	92.0	0.0	0.6	0.0	0.6	W	SW	-	-	5.5	2.0	29.0	29.0
12	25.0	28.0	34.0	34.5	32.0	25.0	29.0	25.0	79.0	96.0	1.7	0.8	1.7	0.8	NW	SW	44.8	-	8.8	1.4	32.0	30.5
13	26.5	24.0	29.0	33.0	27.0	26.0	26.0	25.0	92.0	91.0	0.1	1.0	0.1	1.0	NW	SE	52.2	-	10.2	-	27.5	27.0
14	23.0	24.0	30.0	32.0	28.0	25.0	27.0	24.0	92.0	92.0	0.1	1.0	0.1	1.0	SW	SW	53.4	10.6	-	-	26.0	28.0
15	24.0	24.0	33.0	32.5	28.0	26.0	27.0	25.0	92.0	92.0	0.1	1.1	0.1	1.1	SW	SE	13.4	1.5	4.8	4.8	26.0	30.0
16	25.5	26.5	35.0	35.0	31.0	30.0	28.0	28.0	79.0	85.0	0.1	0.9	0.1	0.9	E	SE	-	-	1.9	1.9	27.5	32.0
17	26.0	26.0	31.0	35.0	31.0	29.0	28.0	28.5	76.0	89.0	0.1	0.6	0.1	0.6	SE	SE	-	-	0.8	1.1	28.0	32.5
18	26.0	28.0	34.0	36.0	31.0	28.0	28.0	27.0	79.0	92.0	0.1	0.9	0.1	0.9	SE	E	0.8	0.8	1.1	-	27.5	31.0
19	26.0	28.0	29.5	35.0	26.0	29.5	25.0	28.0	92.0	89.0	0.2	1.2	0.2	1.2	E	E	-	-	-	0.9	25.5	32.0
20	26.5	27.0	30.0	34.5	27.5	27.0	26.0	26.0	88.0	92.0	0.0	0.1	0.0	0.1	SE	E	0.4	0.4	1.5	1.1	27.5	31.0
21	26.5	29.0	35.0	37.0	34.0	24.0	28.0	23.0	57.0	91.0	0.2	1.4	0.2	1.4	E	SE	3.8	0.6	3.2	3.2	27.0	29.0
22	26.0	27.0	34.5	34.5	28.0	25.0	27.0	24.5	92.0	88.0	0.5	1.2	0.5	1.2	NW	NW	0.8	-	-	-	26.5	30.0
23	25.5	27.0	29.0	35.0	27.0	26.0	26.0	25.0	92.0	92.0	0.1	1.2	0.1	1.2	NE	SE	-	0.6	1.1	-	26.5	30.5
24	24.5	28.0	29.5	35.0	28.0	28.5	27.0	26.5	92.0	85.0	0.1	0.8	0.1	0.8	SE	SE	-	-	0.9	1.5	26.0	32.0
25	25.0	29.5	32.0	34.5	28.5	28.5	26.0	26.5	81.0	85.0	0.4	2.1	0.4	2.1	SE	SE	-	-	1.2	1.5	26.5	31.5
26	25.5	28.0	31.5	35.5	29.0	27.0	26.5	26.5	74.0	88.0	0.3	0.9	0.3	0.9	SE	SE	1.6	1.1	1.0	1.0	26.5	31.5
27	26.0	29.0	31.0	35.0	29.0	28.5	27.0	26.5	85.0	85.0	0.1	0.9	0.1	0.9	N	SE	-	-	1.4	1.5	27.0	32.0
28	25.5	28.0	32.5	35.0	29.0	27.5	26.0	26.0	88.0	88.0	0.2	1.1	0.2	1.1	W	NW	7.2	1.1	3.1	3.1	27.0	31.0
29	25.5	26.5	36.0	34.0	26.5	26.0	25.5	25.5	96.0	88.0	0.1	1.2	0.1	1.2	S	N	14.4	2.2	3.2	3.2	26.5	30.0
30	26.0	29.0	29.0	32.0	27.0	27.0	26.0	26.0	92.0	92.0	0.1	0.1	0.1	0.1	N	N	-	-	1.3	-	26.5	-
Total	756.5	794.0	933.5	986.5	833.5	808.0	784.5	782.0	2597.0	2602.0	6.5	28.4	6.5	28.4			113.4	120.8	47.7	50.7	794.5	898.5
Average	25.2	26.5	31.1	33.2	27.8	26.9	26.2	26.1	86.6	86.7	0.2	0.9	0.2	0.9			3.8	4.0			26.5	30.0
	25.8		32.2		27.4		26.1		86.7		0.0*		0.6				3.9		98.4		28.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Name : KESINGA
Sub-Division : Buria
- 0.0 -- N.A.

Station Code : EMF00K6
Local River/Basin : Tel

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1 PM	26.5	34.0	34.0	25.0	26.0	25.0	25.0	24.5	88.0	88.0	0.1	1.5	0.1	1.5	NW	NW	0.6	0.6	0.5	1.9	26.0	30.0
2	24.0	30.5	30.5	27.5	25.5	27.5	25.0	26.5	92.0	92.0	0.0	0.5	0.0	0.5	N	N	-	-	0.9	0.9	25.0	29.5
3	25.5	31.5	31.5	27.0	30.0	27.0	27.5	26.0	97.0	97.0	0.0	1.3	0.0	1.3	N	N	-	-	0.8	1.2	26.5	31.5
4	24.5	32.0	32.0	28.0	24.5	28.0	24.0	27.0	96.0	96.0	0.0	0.6	0.3	0.6	N	N	0.2	0.2	1.3	1.0	25.5	24.5
5	25.5	34.0	34.0	27.5	31.0	27.5	28.0	26.0	88.0	88.0	0.0	1.4	0.0	1.4	N	N	-	-	0.7	1.6	26.5	32.0
6	26.0	33.0	33.0	24.0	27.0	24.0	26.0	23.0	92.0	91.0	0.2	1.1	0.2	1.1	N	N	-	-	1.0	2.0	27.0	28.5
7	24.0	29.5	29.5	26.0	24.0	26.0	23.0	25.0	91.0	92.0	0.0	0.3	0.2	0.3	N	N	-	-	0.8	-	25.0	28.0
8	25.0	31.5	31.5	27.5	24.5	27.5	24.0	27.0	96.0	96.0	0.0	0.5	0.2	0.5	N	N	-	-	-	-	25.5	30.0
9	24.0	32.0	32.0	25.0	27.0	25.0	26.0	24.5	92.0	88.0	0.0	0.9	0.1	0.9	N	N	0.2	0.2	0.8	1.4	27.0	29.5
10	25.0	31.0	31.0	27.0	25.0	27.0	24.5	26.5	88.0	88.0	0.0	1.7	0.0	1.7	N	N	-	-	1.0	1.5	25.5	30.5
11	25.0	34.5	34.5	26.5	32.5	26.5	28.5	25.5	73.0	92.0	0.0	0.9	0.0	0.9	N	N	-	-	1.0	1.5	24.0	30.0
12	23.5	37.0	37.0	27.0	33.0	27.0	29.0	25.0	74.0	84.0	0.0	1.1	0.0	1.1	N	N	-	-	1.0	1.5	24.0	30.0
13	22.5	35.5	35.5	26.5	33.0	26.5	25.0	24.0	88.0	80.0	0.0	0.9	0.0	0.9	N	N	-	-	1.1	1.3	23.0	29.0
14	23.0	34.0	34.0	28.0	33.0	28.0	27.0	24.0	62.0	70.0	0.0	0.9	0.0	0.9	N	N	-	-	1.6	0.6	22.0	28.0
15	22.0	34.0	34.0	26.0	33.0	26.0	27.0	23.0	71.0	84.0	0.0	0.6	0.0	0.6	N	N	-	-	0.7	1.0	21.5	28.0
16	20.0	34.5	34.5	25.0	29.0	25.0	25.0	23.0	62.0	70.0	0.0	0.9	0.0	0.9	N	N	-	-	0.9	1.0	21.5	28.0
17	19.5	34.5	34.5	26.5	26.5	26.5	22.5	24.5	69.0	84.0	0.0	0.8	0.0	0.8	N	N	-	-	1.0	1.0	21.5	29.0
18	20.0	34.0	34.0	26.0	27.0	26.0	23.0	24.0	70.0	84.0	0.0	1.3	0.0	1.3	N	N	-	-	0.8	1.2	22.0	29.0
19	21.0	34.0	34.0	25.0	27.5	25.0	24.0	23.0	73.0	84.0	0.0	1.2	0.0	1.2	N	N	-	-	0.9	1.0	21.5	28.0
20	19.0	33.0	33.0	25.5	22.0	25.5	20.0	23.5	82.0	84.0	0.0	0.9	0.0	0.9	N	N	-	-	10.0	12.0	20.5	28.0
21	19.0	34.0	34.0	25.0	22.0	25.0	24.0	23.0	77.0	80.0	0.0	0.9	0.1	0.9	N	N	-	-	0.8	1.2	21.5	28.0
22	20.0	34.5	34.5	25.5	27.0	25.5	24.0	23.0	91.0	80.0	0.0	0.5	0.1	0.5	N	N	-	-	0.9	1.2	21.0	28.5
23	19.0	34.0	34.0	25.0	23.0	25.0	22.0	22.0	83.0	83.0	0.0	1.3	0.1	1.3	N	N	-	-	0.8	0.9	21.0	27.0
24	19.0	30.5	30.5	24.0	24.0	24.0	23.0	22.5	76.0	72.0	0.0	0.5	0.0	0.5	N	N	-	-	0.7	1.0	26.0	28.0
25	19.0	34.0	34.0	26.0	26.0	26.0	24.0	22.5	77.0	72.0	0.0	2.1	0.1	2.1	N	N	-	-	0.6	0.5	25.5	26.5
26	19.0	33.0	33.0	25.0	27.0	25.0	24.0	22.5	86.0	79.0	0.0	0.8	0.0	0.8	NW	NW	-	-	1.0	1.2	20.0	24.0
27	19.0	27.5	27.5	24.0	19.5	24.0	18.0	22.5	72.0	72.0	0.0	0.8	0.0	0.8	N	N	-	-	1.0	1.2	24.5	29.0
28	20.0	34.0	34.0	27.0	30.0	27.0	26.0	25.0	84.0	84.0	0.0	1.6	0.1	1.6	NW	NW	-	-	1.0	1.0	24.5	30.0
29	23.0	33.5	33.5	27.0	30.0	27.0	27.0	25.0	78.0	84.0	0.0	1.5	0.1	1.5	N	N	-	-	2.0	9.0	24.0	29.5
30	22.0	35.0	35.0	28.0	28.0	27.0	26.0	25.0	85.0	84.0	0.0	0.1	0.1	0.1	N	N	-	-	0.9	0.9	22.5	22.5
31	21.0	30.0	30.0	27.0	27.0	27.0	27.0	27.0	96.0	96.0	0.0	0.0	0.0	0.0	N	N	-	-	0.4	20.4	146.8	890.5
Total	684.0	793.0	1036.5	839.0	806.5	806.5	764.5	753.5	2521.0	2613.0	0.0	2.5	2.5	31.3			0.4	20.4	57.2	146.8	739.0	890.5
Average	22.1	25.6	29.7	26.0	27.1	26.0	24.7	24.3	81.3	84.3	0.0	0.1	0.1	1.0			0.0	0.7	2.0	23.8	23.8	28.7
	23.8	31.6	31.6	26.5	27.1	26.5	24.5	24.5	82.8	82.8	0.0	0.5	0.5	0.5			0.3	0.3	20.4	20.4	26.3	26.3

Twice Daily Climatic Data

Station Code : EMFO00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

NOVEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		26.5		34.0		25.5		23.0		80.0		1.9				N				12.0		28.0
1	20.0	27.0	29.0	34.0	28.5	26.0	25.5	24.0	77.0	84.0		0.0	1.3	N	N				0.9	0.1	21.5	29.5
2	22.0	27.0	30.0	35.0	27.5	27.0	26.0	24.0	88.0	77.0		0.0	2.0	N	NW				0.7	0.1	23.0	29.0
3	22.0	25.0	30.0	33.0	25.0	27.0	23.5	24.0	80.0	77.0		0.0	1.8	N	NE				0.9	0.1	23.0	29.0
4	22.5	23.5	33.5	34.0	23.5	25.5	23.0	22.5	96.0	76.0		1.2	2.3	N	N				0.2	0.1	23.0	27.5
5	21.0	23.0	29.0	33.0	23.0	25.0	21.0	22.5	83.0	72.0		0.0	1.7	N	NE				0.9	0.1	22.0	29.5
6	17.5	23.0	28.0	32.0	24.5	22.5	21.5	19.5	75.0	74.0		0.0	2.1	N	NW				0.5	0.1	19.5	24.5
7	15.0	23.5	26.5	32.0	24.0	23.0	21.0	20.0	75.0	75.0		0.1	1.2	N	NE				0.1	0.1	17.0	24.0
8	15.0	24.0	26.5	31.5	24.5	22.5	21.0	19.5	71.0	74.0		0.1	0.9	N	NE				1.0	1.0	17.0	24.0
9	14.0	21.0	25.0	30.0	22.0	22.0	20.0	20.0	82.0	82.0		0.0	0.7	N	NE				0.8	0.7	16.5	24.0
10	15.0	20.0	23.0	30.0	23.0	21.0	20.0	20.0	75.0	91.0		0.4	0.8	SE	SW				1.0	0.8	22.0	23.0
11	15.0	25.0	24.0	27.0	27.0	24.0	22.0	21.0	63.0	75.0		0.3	0.3	S	NW				1.6	-	24.0	24.5
12	15.0	21.0	24.5	30.0	23.5	22.0	21.5	20.0	83.0	82.0		-	0.9	N	SE				1.0	0.7	17.0	24.5
13	16.0	21.0	25.0	30.5	23.5	23.5	21.5	21.5	83.0	83.0		0.0	1.0	N	NW				0.7	0.7	18.0	25.0
14	19.0	21.0	27.0	31.0	21.0	24.5	20.0	23.0	91.0	87.0		0.0	1.3	N	N				0.6	0.7	20.0	26.5
15	19.5	22.5	27.5	31.0	23.0	24.5	22.0	22.5	91.0	83.0		0.0	2.1	N	NW				0.8	0.7	21.0	26.0
16	19.0	21.0	28.0	30.5	21.5	24.5	21.0	22.5	95.0	83.0		-	1.7	NW	NW				0.7	0.7	20.5	26.0
17	17.5	18.0	27.5	30.5	19.0	22.0	18.0	19.5	90.0	70.0		6.7	1.7	NW	N				0.6	0.8	18.5	24.5
18	16.0	15.0	26.0	30.0	29.0	22.5	28.0	20.0	92.0	78.0		0.1	0.9	N	N				0.9	0.9	18.0	24.0
19	15.0	21.5	25.0	30.0	24.0	21.0	21.0	19.0	75.0	82.0		0.0	0.9	N	N				1.0	0.7	16.0	23.0
20	13.0	21.5	24.0	30.0	24.0	21.0	21.0	19.0	75.0	82.0		6.7	1.0	N	N				0.7	0.7	15.0	23.0
21	13.0	21.5	24.0	30.0	24.0	21.0	21.0	19.0	75.0	82.0		0.0	0.9	N	N				0.7	0.8	15.0	23.0
22	14.0	21.5	23.5	30.0	23.5	20.5	21.5	18.5	79.0	81.0		6.7	1.1	N	N				0.8	0.7	16.0	23.0
23	12.5	20.5	23.0	30.0	23.0	20.5	21.0	18.5	83.0	81.0		-	1.0	N	N				0.8	0.8	15.0	23.0
24	12.5	21.0	23.0	30.0	23.0	21.0	20.0	19.0	75.0	82.0		-	0.8	N	N				0.9	0.7	15.0	23.0
25	14.0	19.0	25.0	31.0	21.0	24.0	20.0	20.0	91.0	68.0		0.0	0.9	N	N				0.8	0.9	14.5	24.0
26	13.0	19.0	25.0	31.0	21.0	20.5	20.0	19.0	91.0	86.0		0.0	0.8	N	N				0.6	0.6	15.0	23.5
27	14.0	17.0	25.0	32.0	25.0	22.0	22.0	20.0	76.0	82.0		0.0	0.7	N	N				1.1	0.5	15.0	24.5
28	13.0	21.0	26.0	31.0	24.0	21.5	22.0	19.5	83.0	73.0		6.7	1.1	N	N				0.8	0.8	16.0	23.5
29	12.0	21.5	25.0	31.0	24.0	21.0	22.0	19.0	83.0	73.0		-	0.6	N	N				0.7	0.6	15.5	24.0
30	13.0		24.0		23.5		21.0		79.0			-		N					0.9		16.0	
Total	480.0	653.0	782.5	935.0	713.0	688.5	649.0	619.5	2455.0	2375.0		29.0	36.8				0.0	0.0	23.6	28.3	545.5	750.5
Average	16.0	21.8	26.1	31.2	23.8	23.0	21.6	20.7	81.8	79.2		1.0	1.2				0.0	0.0			18.2	25.0
	18.9		28.6		23.4		21.1		80.5		0.0		1.1				0.0		51.9		21.6	

Twice Daily Climatic Data

Station Code : EMF00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

DECEMBER 2016

DECEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		21.5		31.0		21.0		19.0		73.0		1.1				N				0.7		23.5
1	14.0	18.0	25.0	26.0	19.0	21.0	18.0	20.0	90.0	91.0		0.1	0.1	N	N				0.7	0.6	16.0	22.0
2	15.0	20.0	25.0	27.0	17.0	25.0	16.0	23.0	90.0	84.0				N	N				0.4	0.5	16.5	24.5
3	15.5	23.0	26.0	28.0	22.0	25.0	21.0	23.0	91.0	84.0		0.1	0.1	N	N				0.4	0.6	19.5	26.5
4	16.0	20.0	26.0	28.5	25.0	25.0	23.0	22.0	84.0	76.0		0.1	0.1	N	N				0.9	0.6	19.5	26.0
5	16.0	17.0	26.0	29.0	24.0	23.0	21.0	21.0	75.0	83.0		0.1	0.1	N	NW				0.8	0.9	17.5	24.5
6	15.0	17.0	26.0	29.0	24.0	21.0	20.0	19.0	80.0	82.0				NW	NW				0.6	0.7	16.5	23.0
7	14.0	19.0	25.5	29.0	23.0	21.5	22.0	19.0	91.0	78.0		0.0	0.0	NW	NW				0.7	0.6	15.5	23.0
8	14.0	23.0	24.0	31.5	25.0	21.0	21.0	19.0	68.0	82.0		0.0	0.0	NW	NW				0.7	0.8	16.0	23.0
9	14.0	14.0	24.0	28.0	15.0	21.0	14.0	19.0	89.0	82.0		0.6	0.6	N	N				0.5	0.6	14.5	22.5
10	14.0	19.0	28.0	28.0	22.0	21.0	21.0	19.0	91.0	82.0		0.0	0.0	N	NW				0.6	0.7	15.0	22.5
11	13.0	15.0	25.0	27.0	25.0	21.0	24.0	18.0	92.0	73.0				NW	NW				0.7	0.5	14.5	22.0
12	13.0	16.0	25.0	26.0	13.0	22.0	12.0	20.0	88.0	82.0		0.1	0.8	NW	NW				0.6	0.7	14.0	22.0
13	14.0	26.0	28.0	31.0	27.0	24.0	23.0	21.0	70.0	75.0		0.7	2.0	NW	NW				0.7	1.0	16.5	24.5
14	13.0	21.0	32.0	30.0	25.0	25.0	22.0	21.0	76.0	68.0		0.0	0.0	NW	NW				0.6	0.7	18.0	25.0
15	15.0	24.5	29.0	29.5	25.0	21.5	22.0	18.0	76.0	69.0				N	N				0.9	1.3	16.5	23.0
16	13.0	22.0	29.0	29.0	23.0	22.0	21.0	19.0	83.0	74.0		0.0	0.8	N	N				1.1	0.6	14.5	23.0
17	13.0	13.0	29.0	29.0	25.0	20.0	22.0	18.0	76.0	81.0			0.7	N	N				0.8	0.6	15.5	22.5
18	12.0	19.0	28.0	27.0	19.0	22.0	18.0	18.0	90.0	66.0		0.6	0.1	N	N				1.0		14.0	21.5
19	10.5	18.0	23.0	24.0	20.0	21.0	19.0	18.0	91.0	73.0		0.1	0.5	N	N				0.5	0.4	12.5	14.5
20	12.0	19.0	22.0	24.0	22.0	22.0	18.0	19.0	66.0	74.0		0.2	0.3	N	SW				0.5	0.5	13.5	14.0
21	12.0	20.0	21.0	25.0	19.0	20.0	18.0	17.5	90.0	68.0		0.2	0.7	N	N				0.4	0.8	13.0	21.0
22	11.0	21.0	23.0	27.0	16.0	19.5	15.0	17.0	89.0	81.0			0.8	N	N				0.8	0.6	12.5	21.0
23	11.0	18.0	22.0	27.0	17.0	20.0	16.0	17.0	90.0	73.0		0.1	0.8	N	N				0.7	0.4	12.5	21.0
24	11.0	18.0	21.0	27.0	17.0	19.5	16.0	17.0	90.0	76.0		0.0	0.8	N	N				0.9	0.6	12.0	21.0
25	10.0	18.0	21.0	28.0	17.0	21.0	16.0	19.0	90.0	82.0			0.6	N	N				0.8	0.8	12.0	20.0
26	12.0	12.0	22.0	28.0	20.0	21.0	19.0	19.0	91.0	82.0		0.1	0.7	N	N				0.6	0.5	14.0	21.5
27	12.0	17.0	23.0	27.5	16.0	20.0	15.0	17.5	89.0	68.0		0.0	0.0	N	N				0.7	0.6	14.0	21.0
28	10.5	15.0	22.5	27.5	14.5	20.0	13.5	17.5	89.0	68.0			0.8	N	N				0.6	0.6	13.0	20.5
29	10.0	17.0	22.0	28.0	14.0	20.5	13.0	17.5	89.0	68.0		0.1	1.2	N	N				0.6	0.8	13.0	21.0
30	12.0	13.0	24.0	28.0	20.0	20.0	18.0	18.0	81.0	81.0		0.1	0.1	N	N				0.6	0.5	13.5	22.0
31	11.0		22.0		19.0		18.0		90.0					N	N				0.8		14.0	
Total	398.5	574.0	769.0	864.5	629.5	667.5	575.5	590.0	2635.0	2379.0		3.1	32.2				0.0	0.0	21.2	19.8	459.5	683.0
Average	12.9	18.5	24.8	27.9	20.3	21.5	18.6	19.0	85.0	76.7		0.1	1.0				0.0	0.0			14.8	22.0
	15.7		26.3		20.9		18.8		80.9		0.0	0.6					0.0		41.0		18.4	

Twice Daily Climatic Data

Station Code : EMF000K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Buria
-0.0 .. N.A.

JANUARY 2017																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	12.0	20.0	24.5	29.0	20.0	22.0	18.0	19.5	81.0	73.0			0.0	1.0	N	N			0.6	0.6	14.5	22.0
2	13.0	20.5	25.0	29.0	20.0	22.5	18.0	19.5	81.0	74.0			0.0	0.8	N	N			0.6	0.4	16.0	23.0
3	12.0	20.0	24.5	28.0	19.0	22.0	17.5	19.5	76.0	78.0			0.1	0.9	N	N			0.6	0.6	15.5	23.5
4	14.0	15.0	25.0	28.0	15.5	21.0	15.0	18.0	94.0	73.0			0.0	1.3	N	N			0.7	0.8	16.5	22.5
5	10.5	15.0	24.0	28.0	15.0	20.5	14.0	17.5	89.0	73.0			0.0	1.1	N	N			0.8	0.7	14.0	22.0
6	13.0	20.0	24.0	29.0	22.0	21.0	20.0	18.0	82.0	73.0			0.1	1.2	N	N			0.7	0.8	13.5	22.0
7	11.0	18.5	23.0	30.0	21.0	20.5	19.0	17.0	82.0	68.0			0.0	0.9	N	N			0.7	0.7	12.5	22.0
8	10.5	18.0	24.0	30.0	21.0	20.5	19.0	17.0	82.0	68.0			0.0	0.8	N	N			0.6	0.5	14.0	22.0
9	11.0	18.0	26.0	30.5	21.0	21.5	19.0	18.0	82.0	69.0			0.0	1.0	N	N			0.6	0.6	14.5	22.5
10	11.0	20.5	25.0	30.0	20.0	22.0	19.0	18.5	91.0	62.0			0.0	1.1	N	N			0.8	0.7	14.5	23.0
11	12.0	20.0	25.5	29.5	20.0	20.5	18.5	18.0	77.0	77.0			0.0	1.4	N	N			0.8	0.7	16.0	22.5
12	11.0	16.5	24.5	27.5	17.0	19.5	16.0	17.5	90.0	81.0			0.0	1.0	N	N			1.0	0.6	14.0	21.5
13	14.0	19.0	23.0	27.0	16.0	22.0	15.0	17.0	89.0	58.0				1.4	N	NW			1.2	0.6	14.0	21.5
14	9.0	17.0	22.0	28.0	15.0	20.0	14.0	17.0	89.0	73.0				1.1	N	N			0.4	0.6	12.0	21.0
15	8.5	17.0	20.5	28.0	14.5	19.5	13.5	16.5	89.0	72.0			0.0	1.3	N	N			0.6	0.7	11.0	20.5
16	10.0	21.0	23.0	30.0	21.0	21.0	19.0	17.5	82.0	61.0			0.0	1.0	N	N			1.2	0.4	14.0	21.0
17	9.0	19.0	22.5	31.0	19.0	22.0	17.0	18.5	81.0	62.0			0.0	0.8	N	N			0.6	0.6	12.5	22.0
18	10.0	20.0	23.0	31.0	19.0	22.5	17.0	19.5	81.0	70.0				1.0	N	N			0.6	0.7	13.0	23.0
19	11.0	21.0	24.0	31.0	19.0	23.0	18.0	19.5	95.0	63.0				1.7	N	N			0.8	0.8	14.5	23.0
20	14.0	21.0	24.0	32.0	23.0	23.0	21.0	19.0	83.0	67.0				1.7	NW	NW			1.0	1.0	15.5	23.5
21	12.0	21.0	25.0	32.0	22.0	23.0	20.0	19.5	82.0	63.0			0.0	1.1	NW	NW			0.8	0.7	14.5	23.5
22	13.0	22.0	26.0	32.0	22.0	24.0	20.5	20.0	95.0	68.0				1.9	NW	N			0.8	1.0	16.0	24.0
23	13.5	23.0	26.5	32.5	22.0	25.0	20.5	22.0	78.0	76.0				1.3	N	NW			1.0	0.9	15.5	24.5
24	11.0	20.0	25.5	31.0	20.0	23.0	19.0	19.0	91.0	67.0			0.0	1.3	NW	NW			1.1	0.8	14.5	23.5
25	10.0	21.5	25.0	31.5	20.0	24.0	19.0	19.0	91.0	60.0			0.1	1.6	NW	NW			0.8	1.0	14.0	23.5
26	14.0	20.0	28.0	30.5	17.0	25.0	16.0	20.0	90.0	61.0				1.1	N	NW			0.8	0.9	16.5	24.5
27	19.0	19.0	28.0	29.5	19.0	25.0	18.0	21.5	90.0	65.0			0.0	0.5	NW	NW			1.0	0.8	19.0	22.5
28	14.5	19.5	30.5	30.0	20.0	25.0	19.0	22.0	91.0	76.0			0.0	1.1	N	SW			0.5	0.9	17.5	23.0
29	12.0	22.5	24.0	31.0	20.5	22.5	19.5	19.5	91.0	76.0			0.0	1.6	NW	NW			0.5	0.8	16.5	24.0
30	11.0	23.0	24.0	33.0	20.5	23.5	19.0	19.5	86.0	67.0			0.1	1.3	NW	NW			1.0	0.8	14.5	24.0
31	11.0		24.0		19.5		19.0		86.0						NW				0.9		15.5	
Total	367.5	606.5	763.5	928.5	600.5	687.5	557.0	582.5	2667.0	2144.0			0.7	36.0			0.0	0.0	24.1	22.3	456.0	704.0
Average	11.9	19.6	24.6	30.0	19.4	22.2	18.0	18.8	86.0	69.2			0.0	1.2			0.0	0.0			14.7	22.7
	15.7		27.3		20.8		18.4		77.6		0.0*		0.6				0.0		46.4		18.7	

* : One or more data missing (DoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Buria
- 0.0 .. N.A.

FEBRUARY 2017

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																						
1	11.0	21.0	25.0	34.0	19.0	23.0	18.0	21.0	90.0	68.0			0.6	1.0	NW	N			0.8	0.6	16.0	24.0
2	13.0	22.0	26.0	33.0	20.0	25.0	19.0	21.0	91.0	68.0				1.2	NW	NW			1.1	1.0	17.5	25.0
3	18.0	24.5	28.0	33.5	25.0	24.0	23.0	21.0	84.0	75.0			0.1	1.4	NW	NW			1.3	0.8	18.5	26.0
4	19.0	22.0	27.0	33.0	22.0	24.0	20.0	20.0	82.0	68.0			0.1	1.6	NW	NW			0.8	1.1	16.0	25.0
5	10.0	22.0	26.0	33.0	21.0	24.0	19.0	20.0	82.0	68.0			0.0	1.3	NW	NW			1.1	1.0	14.0	25.0
6	10.0	22.5	24.0	35.5	20.0	25.0	18.0	21.0	81.0	68.0				1.0	NW	NW			1.1	1.0	14.0	25.5
7	11.0	22.0	25.5	34.0	21.0	26.0	19.0	21.5	82.0	59.0			0.0	1.6	NW	NW			1.1	1.1	16.0	26.5
8	12.0	23.5	26.5	35.5	22.0	25.5	20.0	21.0	82.0	65.0			0.0	1.1	NW	NW			1.0	1.1	17.0	26.5
9	13.0	24.0	27.0	35.5	22.5	26.0	20.0	21.5	78.0	59.0			0.1	1.3	NW	NW			1.1	1.2	17.0	26.5
10	19.0	23.0	28.0	35.0	26.0	26.0	23.0	21.5	76.0	59.0			0.1	0.8	NW	NW			1.3	1.3	18.5	27.0
11	15.0	23.5	30.0	36.0	24.0	27.0	21.0	22.0	75.0	63.0				1.1	NW	SE			1.2	1.2	19.0	27.5
12	15.0	25.0	28.5	34.5	25.0	26.0	21.0	21.0	68.0	62.0			0.2	1.9	SE	NW			1.4	1.6	18.5	26.5
13	15.0	25.0	26.0	34.0	25.0	26.0	21.0	21.0	68.0	62.0			0.0	1.7	NW	NW			1.2	1.5	18.0	26.5
14	15.0	24.0	26.0	35.5	25.5	26.5	21.5	21.0	68.0	59.0			0.1	1.9	N	N			1.0	1.4	17.5	26.5
15	15.0	24.0	26.5	36.0	23.0	26.0	20.0	21.0	75.0	62.0			0.0	1.9	N	NW			1.1	1.4	18.0	26.5
16	13.5	25.0	25.0	35.0	24.0	26.5	20.0	20.0	68.0	52.0			0.0	1.8	NW	N			1.3	1.4	17.0	26.0
17	12.0	24.5	27.0	34.5	26.0	28.0	23.0	21.0	76.0	51.0			0.0	1.4	N	N			1.3	1.3	17.0	27.0
18	12.0	26.5	27.0	36.0	26.0	27.5	23.0	22.0	76.0	59.0			0.0	0.1	NW	NW			1.0	1.3	17.0	27.5
19	13.0	26.0	27.0	37.0	26.0	28.0	21.0	21.0	62.0	51.0			0.1	0.2	NW	N			1.2	1.6	18.0	27.0
20	14.5	27.5	28.0	38.0	23.0	28.0	22.0	21.5	91.0	48.0			0.1	0.2	N	N			1.1	1.6	18.0	27.5
21	15.0	28.0	29.0	38.0	24.0	29.0	22.0	22.5	83.0	49.0			0.0	0.1	N	W			1.5	1.7	18.0	28.5
22	16.0	29.0	30.0	39.0	25.0	30.0	22.0	24.0	76.0	59.0			0.0	0.0	W	W			1.3	1.4	20.0	30.0
23	16.0	28.5	30.0	38.5	26.0	28.5	22.0	23.0	69.0	64.0			0.0	0.0	W	W			1.5	1.8	20.0	29.0
24	18.0	28.0	30.0	38.0	26.0	27.0	22.0	21.0	69.0	56.0			0.1	0.2	SW	NW			1.2	1.5	22.0	27.5
25	14.0	26.0	30.0	35.5	27.0	26.0	21.0	20.0	56.0	55.0			0.1	0.2	N	N			0.9	1.6	17.0	26.5
26	13.0	26.0	27.0	36.0	27.0	27.0	21.0	21.0	56.0	56.0			0.1	0.1	N	N			1.2	1.9	16.0	26.5
27	14.0	26.0	27.0	37.5	26.0	28.0	21.0	22.0	62.0	57.0			0.0	0.0	N	N			1.3	1.7	16.5	28.0
28	15.0		28.0		27.0		22.0		63.0				0.7		N				1.4		17.0	
Total	397.0	692.0	765.0	993.5	674.0	738.5	585.5	594.5	2089.0	1689.0			2.6	25.3			0.0	0.0	32.8	36.9	489.0	747.5
Average	14.2	24.7	27.3	35.5	24.1	26.4	20.9	21.2	74.6	60.3			0.1	0.9			0.0	0.0			17.5	26.7
	19.4		31.4		25.2		21.1		67.5		0.0*		0.5				0.0		69.7		22.1	

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* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMFOOKG
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
-0.0 ..N.A.

MARCH 2017																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		27.0		37.0		28.0		21.5		48.0		-		0.2		NE		-		2.1		27.5
1	14.0	26.0	28.0	38.0	27.0	29.0	21.0	21.5	56.0	43.0	-	-	-	0.2	NE	N	-	-	1.2	1.9	17.5	28.0
2	15.0	27.0	29.0	38.0	27.0	29.0	22.0	23.0	63.0	58.0	-	-	-	-	N	N	-	-	1.6	1.5	18.0	29.0
3	16.0	30.6	29.0	38.0	28.0	29.0	21.5	23.0	48.0	58.0	-	-	0.1	0.1	E	NW	-	-	1.7	2.2	21.0	29.5
4	17.0	27.0	31.0	37.0	27.5	30.0	21.5	22.0	56.0	47.0	-	-	-	0.1	N	SW	-	-	1.4	2.1	21.0	29.0
5	20.0	28.0	31.0	37.0	29.0	30.0	23.0	25.0	58.0	65.0	-	-	0.1	0.1	E	NW	-	-	1.2	1.4	21.0	31.5
6	22.5	23.5	32.0	33.5	23.0	29.0	20.5	24.0	75.0	64.0	-	-	0.1	0.0	E	NE	-	-	1.2	1.4	22.5	28.5
7	19.0	27.0	30.0	35.0	27.0	29.0	21.0	24.0	56.0	64.0	-	-	-	-	NE	N	-	-	1.2	1.3	21.0	29.0
8	20.0	21.0	30.0	30.5	21.0	27.0	20.0	24.5	91.0	73.0	-	-	0.1	0.1	NW	NW	18.6	-	4.6	1.1	22.0	28.5
9	20.0	28.5	28.0	35.0	27.0	29.0	23.0	24.5	70.0	61.0	-	-	0.0	0.0	W	W	7.0	-	1.8	1.3	23.0	31.0
10	22.0	25.0	31.0	36.0	29.0	23.0	24.0	22.0	64.0	91.0	-	-	0.1	0.3	SW	NE	-	-	1.4	0.6	24.5	18.0
11	20.0	28.0	28.0	34.0	27.0	28.0	24.0	23.0	77.0	64.0	2.0	-	0.0	0.4	E	W	1.4	-	0.9	1.8	22.0	29.5
12	18.0	26.0	30.0	36.0	27.0	28.0	21.0	21.5	56.0	48.0	2.0	-	0.1	0.1	SW	N	-	-	1.1	2.1	21.0	29.0
13	17.0	20.0	29.0	35.0	26.0	27.0	20.0	21.5	55.0	53.0	-	-	-	0.2	N	NW	-	-	1.5	1.2	20.0	28.0
14	18.0	26.0	27.0	35.0	26.0	28.5	20.0	22.5	55.0	57.0	-	-	-	0.2	NW	N	-	-	1.2	1.5	19.5	28.0
15	19.5	27.0	29.5	36.0	27.0	29.0	21.5	23.5	53.0	55.0	-	-	-	0.1	N	E	-	-	1.2	1.8	21.0	30.0
16	18.0	26.0	29.0	35.0	26.0	28.0	20.5	23.0	52.0	64.0	-	-	-	-	NE	SW	-	-	1.3	1.8	20.5	29.5
17	20.0	20.0	29.0	36.0	26.0	30.0	22.0	24.0	69.0	59.0	-	-	0.0	0.1	NE	NW	-	-	1.6	1.4	21.0	30.5
18	20.0	26.0	31.0	36.0	28.0	30.0	23.0	22.5	64.0	44.0	-	-	-	0.3	N	N	-	-	1.5	1.8	23.0	30.0
19	21.0	29.0	31.0	38.0	28.0	30.0	22.0	23.0	57.0	47.0	-	-	0.1	0.3	NE	NW	-	-	1.4	2.6	21.5	30.5
20	22.0	29.0	31.0	37.0	30.0	30.0	22.0	22.0	47.0	47.0	-	-	0.0	0.4	N	N	-	-	1.9	1.9	23.0	29.5
21	18.0	28.0	31.0	37.0	28.0	30.0	21.0	22.5	51.0	47.0	-	-	-	0.2	NE	NE	-	-	1.8	2.1	20.0	29.5
22	18.0	28.0	31.0	37.0	28.0	30.0	21.0	22.0	51.0	47.0	-	-	0.1	0.0	NE	NE	-	-	1.1	2.0	19.0	30.0
23	20.0	29.0	33.0	39.0	30.0	31.5	22.0	25.0	47.0	60.0	-	-	0.1	0.1	NE	NE	-	-	1.4	2.1	20.5	31.5
24	20.0	30.0	33.0	40.0	30.0	33.0	23.0	25.0	53.0	50.0	-	-	-	0.1	E	N	-	-	1.6	2.1	22.0	32.5
25	28.0	31.0	35.0	40.0	30.0	33.0	25.0	25.5	65.0	47.0	-	-	0.1	0.1	NE	NE	-	-	1.6	2.1	22.0	33.5
26	26.0	31.0	36.0	39.0	32.0	32.5	26.0	27.0	61.0	67.0	-	-	0.0	0.1	SE	NW	-	-	1.7	2.0	25.5	33.5
27	25.0	32.0	35.5	40.0	32.0	34.0	25.0	28.0	55.0	62.0	-	-	0.0	0.1	NW	SW	-	-	3.0	2.7	25.0	33.0
28	25.0	32.0	34.5	41.0	31.0	33.0	26.0	26.0	66.0	56.0	-	-	0.1	0.1	NW	NW	-	-	3.0	2.7	25.0	33.0
29	25.0	32.5	35.0	41.5	32.0	34.0	26.0	27.0	61.0	56.0	-	-	0.0	0.0	NW	NW	-	-	1.8	2.2	24.5	33.5
30	27.0	31.0	38.0	42.0	32.0	35.0	26.0	26.0	61.0	47.0	-	-	0.0	0.1	NW	NW	-	-	1.9	3.0	25.5	33.5
31	25.0	39.0	39.0	31.0	31.0	26.5	26.5	63.0	63.0	-	-	-	0.1	0.1	NW	NW	-	-	1.7	-	25.0	-
Total	636.0	852.1	974.5	1139.5	872.5	926.5	701.0	735.5	1856.0	1749.0	4.0	-	1.0	4.4	-	-	27.0	0.0	51.5	57.8	678.0	927.5
Average	20.5	27.5	31.4	36.8	28.1	29.9	22.6	23.7	59.9	56.4	0.1	-	0.0	0.1	-	-	0.9	0.0	1.7	1.9	21.9	29.9
		24.0		34.1		29.0		23.2		58.1		0.1		0.1			0.4		109.3		25.9	

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Twice Daily Climatic Data

Station Code : EMF00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

APRIL 2017

Day	Min		Max Temperature		Dry Bulb Temp.		Wet Bulb Temp. °C		Relative Humidity		Inst. Wind		Av. Wind Speed		Wind Direction		Rainfall (mm)		Pan		Temp - Pan Water	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	25.0	28.5	40.0	42.5	31.0	34.0	26.0	27.0	56.0	56.0	-	-	0.2	0.1	SE	NW	-	-	2.5	1.6	25.5	33.5
2	28.0	33.0	37.5	38.0	31.0	34.0	26.0	27.0	72.0	72.0	-	-	0.1	0.3	NW	SW	-	-	2.5	2.5	26.0	33.0
3	24.5	30.5	38.0	40.0	30.0	34.0	26.0	25.5	72.0	43.0	-	-	0.1	0.1	NE	SW	6.8	-	1.7	1.7	25.5	31.5
4	30.0	29.5	33.0	41.0	30.0	30.0	25.0	26.0	60.0	72.0	-	-	0.0	0.0	NE	SW	0.6	0.6	1.5	2.9	26.0	32.5
5	27.0	30.5	37.0	42.0	31.0	34.5	26.0	26.5	66.0	51.0	-	-	0.0	0.3	SE	SW	-	-	2.4	2.9	26.5	33.0
6	28.0	31.5	35.5	42.5	31.0	34.5	27.0	27.0	73.0	54.0	-	-	0.0	0.2	SW	W	-	-	1.8	3.1	27.0	33.5
7	29.0	35.0	36.0	42.5	33.0	35.0	28.0	28.0	68.0	57.0	-	-	0.0	0.1	SW	N	-	-	1.8	2.1	27.5	34.0
8	27.0	34.0	39.0	42.0	32.0	35.0	27.0	27.0	67.0	52.0	-	-	0.0	0.3	SE	NW	-	-	1.6	3.1	27.5	34.0
9	26.0	32.5	39.0	42.5	32.0	34.0	26.0	26.5	61.0	48.0	2.0	-	0.2	0.1	NW	NW	-	-	1.9	3.4	26.5	34.0
10	26.5	33.0	37.0	35.5	32.5	36.0	26.5	25.0	61.0	38.0	-	8.0	0.0	0.4	NW	N	-	-	2.5	3.0	27.0	33.5
11	24.0	30.0	39.0	41.5	22.0	33.0	20.0	25.0	82.0	50.0	2.0	-	0.1	0.1	SW	N	-	-	2.8	2.7	24.0	32.0
12	24.0	29.0	39.5	41.0	23.0	37.0	22.0	25.0	91.0	35.0	2.0	4.0	0.0	0.3	N	N	-	-	2.8	2.6	22.5	33.5
13	25.0	30.0	39.0	41.0	24.0	36.0	23.0	26.0	91.0	43.0	-	-	0.0	0.1	N	NW	-	-	2.6	2.4	26.0	34.0
14	25.5	32.0	40.0	42.0	24.0	37.0	22.0	27.0	83.0	44.0	2.0	2.0	0.2	0.1	N	NE	-	-	3.3	2.5	25.0	32.0
15	26.0	33.0	39.0	44.0	36.0	36.0	29.0	26.0	58.0	43.0	2.0	-	0.9	1.5	SW	SW	-	-	3.0	2.8	27.0	32.0
16	25.0	34.0	40.0	45.0	34.0	37.0	27.0	27.0	56.0	44.0	-	-	0.0	0.2	NE	N	-	-	2.9	3.0	25.0	33.0
17	26.0	35.0	42.0	43.0	33.0	37.0	32.0	28.0	94.0	49.0	-	2.0	0.1	0.0	SW	NE	-	-	4.5	2.9	29.0	32.0
18	29.0	32.0	39.0	42.0	34.0	36.5	33.5	28.0	94.0	50.0	-	-	0.0	0.2	SE	N	-	-	2.4	3.0	29.0	34.0
19	26.0	33.0	37.0	42.0	32.0	35.0	27.0	26.0	67.0	47.0	-	-	0.0	0.4	E	NW	-	-	2.1	3.5	27.5	34.0
20	26.0	35.0	37.0	42.0	32.0	35.0	27.0	24.5	67.0	37.0	-	-	0.0	0.5	SE	W	-	-	2.2	4.3	26.5	34.5
21	27.0	27.0	35.0	42.5	32.0	30.0	25.0	27.5	55.0	75.0	-	-	0.1	0.5	E	SE	-	-	1.6	3.5	26.0	31.0
22	26.0	35.0	35.0	43.5	32.0	35.0	25.0	26.0	55.0	47.0	-	-	-	0.2	SW	N	16.6	16.6	1.6	3.0	26.5	34.5
23	26.0	37.0	36.0	44.0	32.0	35.0	25.0	27.0	55.0	52.0	4.0	-	-	1.1	N	W	-	-	1.8	4.7	26.5	35.5
24	26.0	33.0	38.0	44.0	32.0	36.0	26.0	24.0	61.0	34.0	-	2.0	0.0	0.8	W	N	-	-	1.7	4.1	26.0	33.5
25	24.0	34.0	38.0	45.0	32.0	36.0	25.5	25.5	52.0	38.0	-	-	-	0.7	W	NW	-	-	1.8	4.1	25.0	34.0
26	24.0	35.0	39.0	44.0	32.0	36.0	25.5	26.5	52.0	43.0	-	-	-	0.6	NW	N	-	-	1.8	4.0	25.0	34.5
27	25.0	34.5	38.0	44.0	32.0	36.0	25.5	26.0	52.0	43.0	-	-	0.1	0.2	N	N	-	-	2.2	4.4	26.0	34.0
28	27.0	25.0	41.0	44.0	32.0	36.0	25.0	27.0	55.0	48.0	-	-	0.1	0.2	N	NE	-	-	1.8	3.6	26.0	35.0
29	26.0	33.0	37.5	43.0	34.0	36.0	26.0	26.0	51.0	43.0	-	2.0	0.1	0.2	SW	W	-	-	3.1	3.5	27.0	34.0
30	25.0	37.0	37.0	43.0	31.0	36.0	25.0	26.0	60.0	60.0	-	-	0.2	0.2	NE	NE	-	-	3.0	-	25.0	-
Total	783.5	968.0	1136.0	1267.5	928.5	1050.5	779.5	790.5	1997.0	1448.0	14.0	20.0	2.5	9.6			6.8	17.2	69.2	93.5	785.5	1003.5
Average	26.1	32.3	37.9	42.3	31.0	35.0	26.0	26.4	66.6	48.3	0.5	0.7	0.1	0.3			0.2	0.6			26.2	33.5
	29.2	40.1			33.0		26.2		57.4		0.6		0.2				0.4		162.7		29.8	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00K6
Local River/Basin : Tel

Station Name : KESINGA
Sub-Division : Burla
- 0.0 .. N.A.

MAY 2017

Day	Min		Max Temperature		Dry Bulb Temp.		Wet Bulb Temp. °C		Relative Humidity		Inst. Wind		Av. Wind Speed		Wind Direction		Rainfall (mm)		Pan		Temp - Pan Water	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	27.0	28.0	38.0	42.5	26.0	35.5	24.0	26.0	84.0	43.0	-	-	0.2	0.2	W	N	-	-	3.0	3.5	26.5	35.0
2	23.0	33.0	38.0	42.5	26.0	36.0	24.0	27.0	84.0	48.0	-	2.0	0.3	0.2	SW	NW	-	-	3.0	3.6	26.5	35.5
3	27.0	34.0	38.0	43.0	27.0	36.5	25.0	27.0	84.0	45.0	-	-	0.1	0.4	W	N	-	-	1.7	3.8	27.0	36.5
4	29.0	33.5	39.0	43.5	32.0	37.0	26.0	27.5	61.0	44.0	-	-	0.2	0.3	SW	W	-	-	2.6	3.8	27.0	37.0
5	30.0	33.5	39.0	44.0	33.0	33.0	27.0	23.0	60.0	40.0	-	-	0.0	0.6	E	SE	-	-	2.4	4.0	28.0	32.0
6	28.0	33.0	37.0	42.5	32.0	31.0	26.0	23.5	61.0	45.0	2.0	2.0	0.1	0.4	SW	SE	-	-	1.7	2.9	27.0	34.0
7	25.0	31.0	34.0	40.0	30.0	34.0	25.0	27.5	65.0	54.0	-	-	0.4	0.2	SW	N	-	-	1.9	2.7	26.0	35.0
8	27.0	32.0	37.0	43.0	32.0	32.0	26.0	23.0	61.0	44.0	-	-	0.8	0.8	N	SE	-	-	1.5	4.5	27.5	33.5
9	26.0	33.0	36.5	43.0	32.5	32.0	25.0	23.0	52.0	44.0	2.0	2.0	0.1	0.2	SW	W	-	-	3.6	2.5	27.5	33.0
10	27.0	30.0	35.0	39.0	28.0	34.5	23.0	25.5	64.0	46.0	-	-	0.5	0.3	SW	SW	-	-	3.0	2.5	26.0	34.0
11	27.0	32.0	35.0	43.0	28.0	35.0	24.0	25.0	70.0	42.0	2.0	-	0.0	0.2	SW	SE	-	-	1.8	4.0	27.0	36.5
12	28.0	37.0	40.0	43.0	34.0	37.0	29.0	29.0	68.0	54.0	2.0	-	0.1	0.4	SW	NW	-	-	2.5	3.7	28.0	38.0
13	21.0	34.0	40.0	44.0	32.0	37.5	27.0	26.0	67.0	45.0	-	-	0.0	0.6	SE	SW	-	-	2.6	4.1	27.0	36.5
14	29.0	33.0	36.0	43.0	32.0	37.0	26.0	29.0	61.0	54.0	2.0	-	0.1	0.4	SW	N	-	-	2.5	3.6	29.0	38.0
15	33.0	36.0	40.0	43.0	34.0	39.0	27.0	30.0	56.0	51.0	2.0	-	0.0	0.4	N	W	-	-	2.7	4.5	30.0	38.5
16	33.5	37.5	41.5	45.0	36.5	40.0	28.0	28.0	50.0	38.0	-	4.0	0.1	0.8	NW	N	-	-	2.7	4.7	31.0	38.5
17	30.0	36.5	42.5	45.0	35.0	40.0	29.0	28.0	63.0	38.0	-	-	0.0	0.6	N	SW	-	-	2.5	4.9	31.0	38.0
18	31.0	37.0	42.5	45.0	35.0	39.0	26.0	30.0	88.0	51.0	-	-	0.0	0.5	SW	NW	-	-	2.8	4.3	31.0	38.5
19	29.5	28.0	41.0	46.0	34.0	40.0	29.0	30.0	68.0	47.0	-	-	0.2	0.3	SE	SW	-	-	2.9	4.8	30.5	39.0
20	30.0	35.0	41.0	43.5	33.5	38.0	27.0	29.0	59.0	50.0	-	-	0.4	0.5	N	N	-	-	3.2	4.1	30.5	38.5
21	29.0	36.0	40.5	44.0	33.0	39.0	27.0	28.0	47.0	41.0	-	-	0.1	0.4	SE	SW	-	-	3.4	3.8	29.0	39.0
22	31.0	38.0	40.0	43.5	35.0	39.0	27.5	27.0	59.0	37.0	-	-	-	0.5	SW	NW	-	-	2.6	4.7	31.5	38.0
23	31.0	38.5	43.0	44.5	36.0	40.0	27.0	28.0	48.0	38.0	4.0	-	0.0	0.4	NW	NW	-	-	3.1	4.4	30.5	39.0
24	31.5	35.0	42.0	43.0	34.5	39.5	29.0	27.0	65.0	37.0	-	-	0.1	0.7	W	N	-	-	2.6	4.5	31.0	38.0
25	29.0	35.5	41.0	44.0	33.0	37.5	26.5	27.5	56.0	44.0	-	2.0	0.3	0.2	SE	SE	-	-	3.0	4.1	29.0	38.0
26	31.0	36.0	41.0	46.0	33.0	36.0	28.0	26.0	68.0	43.0	-	2.0	0.2	0.3	SW	SW	-	-	2.2	4.0	30.0	36.0
27	30.0	33.5	36.0	46.5	32.0	35.0	27.0	28.5	67.0	55.0	-	2.0	0.3	0.2	E	SE	-	-	3.3	3.4	30.0	37.5
28	24.0	30.0	37.0	37.5	29.0	34.5	25.0	27.5	71.0	56.0	-	-	0.5	0.1	S	NE	-	-	3.0	3.5	27.0	38.0
29	28.5	34.0	37.4	37.5	32.0	35.5	26.0	27.5	61.0	52.0	-	-	0.1	0.7	N	SW	-	-	1.8	4.6	29.5	37.0
30	29.5	32.0	37.0	40.0	31.5	33.0	26.0	26.0	63.0	56.0	-	-	0.1	0.2	SW	S	-	-	1.8	2.9	29.5	34.0
31	29.0	-	36.5	-	32.0	-	27.0	-	67.0	-	-	-	0.0	-	SE	-	-	-	2.0	-	29.0	-
Total	884.5	1048.5	1199.4	1333.0	986.0	1119.0	817.5	836.0	1998.0	1426.0	16.0	16.0	4.2	12.4	-	-	0.0	0.0	77.3	121.1	890.0	1135.0
Average	28.5	33.8	38.7	43.0	31.8	36.1	26.4	27.0	64.5	46.0	0.5	0.5	0.1	0.4	-	-	0.0	0.0	28.7	38.6	28.7	36.6
	31.2	40.8	-	-	34.0	34.0	26.7	-	55.2	-	0.5	-	0.3	-	-	-	0.0	0.0	198.4	-	32.7	-

256

* : One or more data missing (DoPM) : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

JUNE 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	30.0	39.5	39.0	45.5	26.0	40.0	24.0	28.0	84.0	38.0	..	..	..	..	SW	NE	-	-	4.0	5.8	28.5	35.0
2	29.0	36.0	41.0	45.0	28.0	44.0	26.0	30.0	85.0	34.0	..	..	4.0	8.0	SW	SW	-	-	4.5	5.2	29.0	36.0
3	31.0	33.0	43.0	41.0	28.0	40.0	26.0	28.0	85.0	38.0	..	..	6.0	8.0	SW	SW	-	-	3.5	5.5	30.0	34.5
4	29.0	29.5	43.0	39.0	28.0	38.0	26.0	32.0	85.0	64.0	..	..	..	12.0	SW	SW	-	-	2.7	3.7	28.0	31.5
5	28.0	33.0	42.0	39.0	26.0	34.0	24.0	32.0	50.0	86.0	..	..	..	..	SW	SW	-	-	2.0	6.0	28.5	31.5
6	29.0	32.0	34.5	41.0	36.0	34.0	30.0	30.0	63.0	74.0	..	..	4.0	8.0	SW	NW	-	-	2.0	4.2	28.5	33.5
7	28.5	29.0	34.0	41.5	38.0	38.0	30.0	30.0	54.0	54.0	..	..	..	6.0	SW	SW	-	-	2.9	6.0	29.0	34.0
8	29.0	38.0	42.0	42.0	38.0	38.0	30.0	30.0	54.0	54.0	..	..	..	8.0	SW	SW	-	-	2.6	3.5	30.0	34.5
9	27.0	32.0	31.0	38.0	34.0	38.0	30.0	30.0	74.0	59.0	..	..	4.0	8.0	SW	SW	-	-	4.0	3.8	27.5	32.5
10	29.0	34.0	38.0	41.5	36.0	38.0	29.0	30.0	58.0	54.0	..	..	4.0	6.0	SW	SW	-	-	2.7	6.0	30.0	34.5
11	31.0	32.0	38.0	42.0	38.0	34.0	30.0	30.0	54.0	74.0	..	..	8.0	4.0	SW	SW	-	-	5.2	5.9	31.0	34.5
12	29.0	34.5	32.0	41.0	38.0	38.0	30.0	32.0	54.0	64.0	..	..	6.0	6.0	SW	N	-	-	4.0	6.2	30.0	35.0
13	32.0	35.0	39.0	40.0	36.0	38.0	32.0	30.0	75.0	54.0	..	..	8.0	10.0	SW	SW	-	-	3.9	5.5	30.0	35.0
14	31.5	31.5	38.0	42.0	32.0	40.0	28.0	30.0	73.0	47.0	..	..	8.0	8.0	SW	SW	-	-	4.0	6.8	28.0	34.5
15	31.0	35.0	39.0	42.0	36.0	38.0	30.0	30.0	63.0	54.0	..	..	6.0	10.0	SW	SW	-	-	3.6	6.0	30.0	33.5
16	30.0	31.0	38.0	40.0	32.0	40.0	28.0	31.0	73.0	47.0	..	..	8.0	8.0	SW	SW	-	-	2.8	4.8	28.0	34.5
17	25.0	30.0	40.0	35.0	32.0	28.0	28.0	26.0	73.0	85.0	..	..	..	2.0	SW	SW	0.6	-	4.0	3.2	27.0	31.0
18	27.0	29.0	30.0	32.0	30.0	30.0	26.0	28.0	72.0	85.0	..	..	4.0	6.0	NW	SE	2.0	1.2	0.8	1.0	26.0	28.5
19	25.5	29.0	32.0	35.0	34.0	30.0	30.0	28.0	74.0	85.0	..	..	8.0	2.0	SW	SW	-	0.2	4.3	1.6	28.5	31.5
20	28.0	32.0	37.0	37.0	36.0	38.0	30.0	34.0	63.0	75.0	..	..	6.0	10.0	SW	SSW	-	3.6	2.2	2.7	31.0	35.0
21	32.0	32.5	37.0	40.0	36.0	38.0	32.0	30.0	75.0	54.0	..	..	4.0	14.0	NW	NE	2.2	-	4.0	4.7	29.0	34.5
22	29.0	33.0	38.0	39.0	38.0	32.0	30.0	30.0	59.0	86.0	..	..	8.0	6.0	SW	SW	-	-	4.2	2.0	29.0	32.0
23	29.0	31.5	32.0	38.0	34.0	32.0	30.0	30.0	74.0	86.0	..	..	8.0	2.0	SW	NE	-	-	4.1	2.9	28.0	32.5
24	31.0	28.0	39.0	39.0	38.0	34.0	26.0	30.0	74.0	85.0	..	..	2.0	10.0	SW	SW	-	-	1.8	2.4	25.0	34.5
25	25.5	32.0	35.0	37.5	34.0	32.0	30.0	28.0	74.0	73.0	..	..	4.0	..	SW	SW	127.2	-	0.6	5.3	29.0	32.5
26	31.5	28.0	38.0	38.0	34.0	32.0	28.0	28.0	62.0	73.0	..	..	..	4.0	NW	SW	12.6	-	2.4	2.9	30.0	31.0
27	28.0	28.0	38.0	34.0	34.0	28.0	28.0	26.0	62.0	85.0	..	..	6.0	8.0	SW	NW	-	-	3.5	1.0	28.0	30.0
28	26.5	29.0	34.0	34.0	34.0	28.0	30.0	26.0	74.0	85.0	..	..	6.0	8.0	NE	SW	-	1.4	1.6	2.8	28.0	30.0
29	27.0	30.0	39.5	39.5	30.0	32.0	26.0	30.0	72.0	79.0	..	..	4.0	8.0	NNE	NW	0.8	-	2.0	2.5	28.5	32.0
30	27.5	34.0	34.0	30.0	30.0	30.0	28.0	28.0	85.0	..	..	..	8.0	..	NE	NE	-	-	2.5	..	28.5	..
Total	866.5	927.0	1110.0	1138.5	994.0	1074.0	855.0	857.0	2077.0	1931.0	..	..	134.0	190.0	..	..	145.4	6.4	92.4	119.9	861.5	959.5
Average	28.9	32.0	37.0	39.3	33.1	35.3	28.5	29.6	69.2	66.6	..	..	4.5	6.6	..	..	4.8	0.2	..	..	28.7	33.1
	30.4	..	38.1	..	34.2	..	29.0	..	67.9	..	0.0	..	5.5	..	..	..	2.5	..	212.3	..	30.9	..

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 -- N.A.

JULY 2016																							
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPOPM																							
1	27.0	30.0	32.0	37.0	32.0	32.0	28.0	30.0	73.0	79.0						SW	NE		6.4		2.4	30.0	
2	26.0	27.5	31.0	31.5	30.0	30.0	28.0	28.0	85.0	85.0			6.0	4.0	SW	SW	47.2		1.2	1.0	27.0	29.5	
3	26.0	31.0	30.0	33.0	32.0	30.0	30.0	28.0	79.0	85.0			4.0	6.0	SW	SW	9.4	7.2	1.4	1.2	27.5	26.5	
4	26.5	27.0	31.5	32.0	30.0	30.0	28.0	28.0	85.0	85.0			12.0	4.0	NE	SW	7.8	11.6	1.5	1.8	26.5	27.0	
5	26.5	28.0	31.5	31.0	30.0	30.0	28.0	28.0	85.0	85.0			6.0	8.0	SW	SW			3.0	2.0	26.5	29.5	
6	27.0	29.0	30.0	32.0	32.0	32.0	30.0	28.0	79.0	73.0			8.0	4.0	SW	NE			1.8	2.2	26.0	30.0	
7	27.0	26.0	32.0	32.0	28.0	28.0	26.0	26.0	85.0	85.0				4.0	SW	SW	2.0	8.0	1.2	0.8	27.0	27.0	
8	25.0	26.0	26.0	32.5	28.0	28.0	26.0	26.0	85.0	85.0			6.0	10.0	SW	NE	4.0	12.6	2.0	0.6	24.5	25.5	
9	24.5	25.0	26.0	26.0	26.0	26.0	25.0	25.0	85.0	92.0			4.0	4.0	SW	SW	5.6	2.2	0.6	1.2	24.0	25.0	
10	24.0	24.0	25.0	26.0	26.0	26.0	24.0	24.0	84.0	84.0			6.0	14.0	SW	NE	9.8	4.4	1.4	2.0	23.5	24.5	
11	25.0	25.0	26.0	28.0	26.0	26.0	24.0	26.0	84.0	85.0			4.0	12.0	SW	SW	3.0		1.0	1.0	24.0	27.0	
12	26.0	26.0	28.0	31.0	28.0	26.0	26.0	24.0	85.0	84.0			2.0	4.0	SW	SW		5.0	2.0	0.4	27.0	28.0	
13	27.0	28.5	29.0	32.0	30.0	30.0	28.0	30.0	85.0	79.0			10.0		SW	SW		1.2	3.1	2.6	26.5	30.5	
14	26.5	27.0	32.0	33.0	30.0	30.0	28.0	30.0	85.0	79.0			6.0	8.0	SW	SW			1.0	2.0	26.0	30.0	
15	27.5	25.5	31.0	32.0	32.0	32.0	28.0	24.0	73.0	84.0			8.0	4.0	SW	SW		8.0	1.2	0.8	28.5	27.5	
16	25.0	26.5	33.0	30.5	32.0	30.0	28.0	28.0	73.0	85.0			6.0	8.0	SW	SW	3.4		1.9	1.8	25.5	28.5	
17	26.0	26.0	31.0	35.0	30.0	30.0	27.0	28.0	73.0	92.0				18.0	SW	SW	9.8		0.5	2.0	26.0	27.0	
18	25.0	27.0	32.0	32.0	30.0	28.0	26.0	26.0	72.0	85.0			2.0	4.0	SW	SW	33.0	9.4	1.4	1.4	26.0	29.0	
19	26.0	28.5	28.0	30.5	30.0	28.0	26.0	26.0	72.0	72.0			18.0	10.0	SW	SW			2.0	1.3	26.5	29.5	
20	25.0	27.0	29.0	34.0	28.0	32.0	26.0	27.0	72.0	67.0			18.0	18.0	NE	SW	22.2		2.2	1.2	26.0	32.5	
21	25.5	31.0	32.0	33.0	32.0	30.0	27.0	28.0	73.0	85.0			6.0	6.0	SW	SW	5.8		1.5	2.0	27.5	31.5	
22	27.0	31.5	31.5	33.0	34.0	30.0	30.0	28.0	74.0	67.0			8.0		SW	SW			1.8	2.1	29.5	31.5	
23	26.5	32.0	29.0	34.0	34.0	30.0	30.0	27.0	74.0	78.0			2.0	10.0	SW	NE		12.4	2.3	4.0	29.0	31.0	
24	25.0	30.0	30.0	32.0	30.0	32.0	27.0	28.0	72.0	73.0			10.0	8.0	SE	SW	1.4		2.0	4.0	28.5	32.0	
25	26.5	32.0	28.5	34.0	30.0	32.0	28.0	28.0	85.0	73.0			4.0	6.0	SW	NE			2.1	2.5	28.5	30.0	
26	26.5	25.0	29.5	33.0	30.0	30.0	28.0	28.0	85.0	73.0				6.0	SW	SW		10.6	1.5	1.6	27.5	27.0	
27	26.0	27.0	29.5	33.0	30.0	30.0	26.0	28.0	72.0	85.0				8.0	SW	SW		2.2	2.3	2.8	26.5	30.0	
28	25.0	30.0	30.0	35.0	30.0	32.0	28.0	28.0	85.0	73.0			2.0	4.0	SW	SE			0.9	2.0	27.5	30.0	
29	26.5	30.5	32.0	34.5	34.0	34.0	29.0	28.0	68.0	62.0			8.0		SW	SW			4.0	4.2	29.0	34.0	
30	25.5	28.5	33.0	35.0	32.0	30.0	28.0	28.0	73.0	73.0			6.0	8.0	SW	SE	54.2		4.4	6.7	28.0	33.0	
31	27.0		31.0			28.0			85.0				2.0		SW		1.0		2.5		26.5		
Total	805.5	870.0	925.0	1001.5	936.0	925.0	849.0	847.0	2445.0	2471.0			174.0	214.0			219.6	104.4	57.9	66.8	831.5	907.5	
Average	26.0	28.1	29.8	32.3	30.2	29.8	27.4	27.3	78.9	79.7			5.6	6.9			7.1	3.4			26.8	29.3	
	27.0		31.1		30.0		27.4		79.3		0.0		6.3				5.2		124.7		28.0		

07.8

* One or more data missing tDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

AUGUST 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	26.0	27.0	30.0	32.0	30.0	28.0	28.0	26.0	85.0	85.0			4.0	6.0	SW	SE			1.5	0.6	27.0	32.5
2	25.5	26.0	30.5	30.0	26.0	28.0	24.0	26.0	85.0	85.0			2.0	10.0	SW	SW	12.6	3.6	1.9	0.7	25.5	29.5
3	26.5	28.5	29.0	30.5	28.0	28.0	24.0	26.0	85.0	85.0			8.0	6.0	NE	SW		11.0	1.8	0.8	26.0	27.5
4	25.0	25.0	29.5	28.0	26.0	30.0	24.0	28.0	84.0	85.0			10.0	4.0	SW	SW	16.8	10.4	1.4	1.6	24.5	25.0
5	24.0	24.5	27.0	27.0	26.0	26.0	24.0	24.0	84.0	84.0			12.0	4.0	SW	SW	169.2	6.2	1.0	0.8	24.0	25.5
6	25.0	25.0	26.0	26.0	26.0	26.0	24.0	25.0	84.0	92.0			4.0	6.0	SW	SW	32.6	11.2	0.1	1.2	24.0	26.0
7	25.0	28.0	28.0	31.0	27.0	29.0	25.0	26.0	84.0	78.0			2.0	2.0	SW	SW	5.8		1.8	2.0	26.0	29.5
8	26.0	28.0	28.0	29.0	29.0	29.0	26.0	26.0	78.0	78.0			4.0	2.0	SW	SE			2.0	2.0	25.5	30.0
9	24.0	24.5	30.0	29.5	26.0	26.0	24.0	25.0	84.0	92.0			4.0	8.0	SW	SW	4.8	7.6	1.3	1.1	25.0	28.0
10	25.0	25.5	29.0	27.0	25.0	26.0	22.0	24.0	76.0	84.0			2.0	6.0	SW	SW	43.0	11.6	0.4	0.9	24.5	27.0
11	25.0	25.0	27.0	28.0	25.0	29.0	22.0	26.0	76.0	78.0			8.0	8.0	SW	SW	11.4	4.2	0.4	2.2	25.0	27.0
12	26.0	29.0	29.0	33.0	30.0	29.0	27.0	26.0	78.0	78.0			4.0	12.0	SW	SE	4.2		0.2	4.0	27.5	31.5
13	27.0	29.0	30.0	32.0	32.0	32.0	28.0	27.0	73.0	67.0			14.0	4.0	SW	SE			2.7	2.0	28.0	30.0
14	26.0	30.0	31.0	33.0	32.0	32.0	31.0	28.0	93.0	73.0			6.0	8.0	SW	SW	4.0		0.1	2.5	29.0	31.0
15	27.0	27.0	31.0	31.5	29.0	26.0	26.0	24.0	78.0	84.0			2.0	6.0	SW	SW			2.5	0.8	27.0	27.0
16	25.0	26.0	29.0	27.0	26.0	28.0	25.0	26.0	92.0	85.0			18.0	14.0	SW	SE	13.4	1.0	1.0		24.5	26.0
17	26.0	24.5	28.0	25.0	26.0	28.0	24.0	26.0	84.0	85.0			10.0	6.0	SW	SW	15.6	9.2	0.3	1.2	24.0	24.5
18	25.0	25.0	28.5	29.0	26.0	28.0	24.0	26.0	84.0	85.0			8.0	4.0	SW	SW	3.4		0.3	0.8	24.5	26.0
19	26.0	26.0	29.0	29.0	32.0	32.0	26.0	28.0	61.0	73.0			6.0	2.0	SW	SW			2.0	1.9	24.0	24.5
20	26.0	29.0	32.0	34.0	32.0	30.0	28.0	28.0	73.0	85.0			6.0	10.0	SW	SW			1.7	2.7	24.5	26.0
21	25.5	28.5	34.0	35.0	30.0	32.0	28.0	28.0	85.0	73.0			14.0		SW	SW	1.2		1.7	2.3	26.0	33.0
22	26.0	27.0	33.0	32.0	30.0	25.0	28.0	24.0	85.0	92.0			6.0	4.0	SW	SW	9.2		0.5	2.0	28.5	32.5
23	26.0	28.0	33.0	33.0	29.0	25.0	26.0	24.0	78.0	92.0			6.0	4.0	SW	NE			1.0	2.0	27.5	34.0
24	29.0	27.0	31.0	34.0	28.0	26.0	26.0	24.0	85.0	84.0			12.0	6.0	NW	SW	9.4		1.4	2.0	27.0	28.5
25	26.0	26.0	28.0	30.0	30.0	27.0	29.0	25.0	93.0	84.0			12.0	6.0	SW	SE		10.4	2.0	0.4	26.0	32.5
26	26.0	26.0	28.0	32.0	30.0	26.0	28.0	24.0	85.0	84.0					SW	SE		12.6	2.6	2.6	26.5	34.0
27	27.0	27.0	30.0	33.0	30.0	30.0	28.0	28.0	85.0	85.0					SW	SW		8.6	1.0	2.6	29.0	30.0
28	26.0	32.0	32.0	35.0	34.0	34.0	28.0	29.0	62.0	68.0			4.0	4.0	NE	SW			2.0	3.6	27.0	31.0
29	26.5	27.0	29.0	32.0	34.0	34.0	30.0	30.0	74.0	74.0			4.0	2.0	NE	SW			2.5	2.4	27.5	31.0
30	27.0	29.0	35.0	36.0	36.0	34.0	30.0	30.0	63.0	74.0			16.0	10.0	NW	SW			2.0	3.5	30.5	35.0
31	26.0		30.0		34.0	30.0	30.0	30.0	74.0				2.0		SW		11.0		1.6		28.5	
Total	802.0	838.5	920.5	958.5	904.0	893.0	817.0	815.0	2474.0	2536.0			210.0	164.0			367.6	110.8	42.7	56.2	814.0	906.0
Average	25.9	27.0	29.7	30.9	29.2	28.8	26.4	26.3	79.8	81.8			6.8	5.3			11.9	3.6			26.3	29.2
	26.5		30.3		29.0		26.3		80.8		0.0		6.0				7.7		98.9		27.7	

* : One or more data missing LDePM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

SEPTEMBER 2016

SEPTEMBER 2016																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																						
1	25.0	25.0	29.0	32.0	34.0	27.0	29.0	25.0	68.0	84.0		16.0		SW	NW		17.6	2.0	1.6	28.0	29.0	
2	24.0	27.0	27.0	30.0	28.0	29.0	26.0	26.0	85.0	71.0		18.0	14.0	SW	SW			3.5	2.0	26.0	29.0	
3	25.0	23.0	28.0	25.0	27.0	24.0	25.0	22.0	84.0	83.0		18.0	6.0	SW	SW	3.6	40.6	0.8	0.6	25.0	25.0	
4	22.5	23.0	24.0	25.0	26.0	26.0	24.0	25.0	84.0	76.0		12.0	10.0	SW	SW	45.0	9.2	1.4	0.9	22.5	25.0	
5	24.5	25.0	26.0	28.0	26.0	28.0	24.0	26.0	84.0	85.0		6.0	6.0	SW	SW	14.2	2.4	0.3	0.5	24.0	27.0	
6	24.0	26.0	28.0	30.0	28.0	28.0	25.0	25.0	77.0	77.0		8.0	6.0	SW	NE	26.2	1.6	1.2	1.6	26.0	29.0	
7	24.0	26.5	28.5	30.5	26.0	24.0	24.0	22.0	84.0	84.0		12.0		SW	NE	3.2		1.4	0.5	26.5	29.5	
8	24.0	24.0	28.5	30.0	24.0	26.0	22.0	24.0	83.0	84.0		6.0	12.0	SW	SW	40.0	2.6	1.0	1.1	23.5	23.5	
9	24.0	26.0	29.0	32.0	26.0	30.0	24.0	26.0	84.0	72.0		6.0		SW	SW	4.8		0.4	0.7	24.5	31.5	
10	26.5	22.5	30.0	33.0	28.0	30.0	26.0	26.0	85.0	72.0		6.0	8.0	SW	NE		1.4	2.0	2.7	32.0	32.0	
11	26.0	26.5	32.0	33.0	30.0	32.0	28.0	28.0	85.0	73.0			8.0	SW	SW	1.2		0.4	2.3	27.0	34.0	
12	26.5	26.5	33.0	33.5	30.0	30.0	28.0	26.0	85.0	72.0			6.0	SW	SW			2.3	2.1	28.5	32.5	
13	24.0	26.5	31.0	33.0	32.0	28.0	28.0	25.0	73.0	77.0		6.0	4.0	SW	SW		2.0	2.1	2.4	29.0	30.5	
14	25.5	26.5	31.0	33.0	32.0	28.0	28.0	26.0	73.0	85.0		6.0	12.0	SW	SW			0.9	1.5	28.0	30.5	
15	25.0	25.0	29.0	32.5	30.0	30.0	28.0	28.0	85.0	85.0		8.0	8.0	NE	SW	0.4	3.4	0.9	1.8	26.5	30.5	
16	26.0	30.5	32.5	33.0	34.0	32.0	30.0	30.0	74.0	86.0			2.0	SW	NE			1.5	1.4	27.5	33.0	
17	26.5	30.5	32.0	35.0	34.0	30.0	32.0	28.0	86.0	85.0		4.0	2.0	SW	SW			1.0	2.2	29.0	35.0	
18	26.0	30.0	35.0	34.5	30.0	32.0	28.0	30.0	85.0	86.0				SW	SW			2.0	2.4	28.0	34.5	
19	25.5	31.0	28.0	36.0	30.0	34.0	28.0	30.0	85.0	74.0		6.0		SW	SW			2.4	2.7	28.0	35.5	
20	24.5	24.5	34.0	34.5	30.0	34.0	28.0	30.0	85.0	74.0				NE	SW	47.6		2.0	2.1	27.0	35.0	
21	26.5	30.0	33.0	33.0	30.0	32.0	28.0	30.0	85.0	86.0		8.0		SW	NE			1.8	2.9	28.5	32.5	
22	26.0	24.0	30.0	32.0	30.0	28.0	28.0	26.0	85.0	85.0		8.0	6.0	SW	NE	1.4	8.4	2.0	2.4	27.0	29.0	
23	25.0	25.5	31.5	31.5	28.0	26.0	26.0	24.0	85.0	84.0		8.0	4.0	SW	SW		6.6	0.9	1.8	26.5	28.5	
24	25.0	25.0	31.0	33.0	28.0	26.0	26.0	24.0	85.0	84.0		6.0	6.0	SW	SW		38.2	0.8	2.4	26.0	29.0	
25	25.0	25.5	32.0	33.0	28.0	28.0	26.0	26.0	85.0	85.0		4.0	6.0	SW	NE			2.0	1.6	28.0	32.0	
26	26.0	24.0	32.0	34.0	32.0	28.0	28.0	26.0	73.0	85.0		4.0	4.0	SW	NE		0.8	0.8	2.8	28.5	33.0	
27	26.5	26.0	33.0	35.0	32.0	30.0	26.0	27.0	61.0	78.0			4.0	SW	NE	15.4		0.7	2.3	28.0	34.0	
28	25.0	24.0	30.0	33.0	30.0	30.0	26.0	27.0	78.0	72.0			4.0	SW	NE		1.4	1.2	2.4	28.0	31.5	
29	26.5	26.0	30.0	32.5	32.0	28.0	28.0	26.0	73.0	85.0		2.0		SW	SW		11.2	0.5	1.7	28.5	28.0	
30	26.0		30.0		28.0		26.0		85.0			4.0		SW		1.8		0.4		27.5		
Total	756.5	780.5	908.0	963.5	883.0	868.0	803.0	793.0	2429.0	2413.0		182.0	134.0			204.8	171.6	40.0	55.0	808.5	918.0	
Average	25.2	26.0	30.3	32.1	29.4	28.9	26.8	26.4	81.0	80.4		6.1	4.5			6.8	5.7			27.0	30.6	
	25.6		31.2		29.2		26.6		80.7		0.0	5.3				6.3		95.0		28.8		

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

OCTOBER 2016

Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
1	25.0	25.0	31.5	32.0	28.0	26.0	24.0	23.0	70.0	76.0			4.0	6.0	SW	NE		7.0	1.1	2.5	27.0	30.0
2	25.0	28.5	28.0	32.5	29.0	28.0	26.0	27.0	72.0	92.0			4.0	4.0	SW	SE			1.5	2.0	27.0	32.0
3	26.0	29.0	28.5	32.0	28.0	28.0	26.0	26.0	85.0	85.0			6.0	2.0	SW	SW			1.7	2.2	27.5	32.0
4	25.5	26.0	30.0	29.0	26.0	29.0	24.0	27.0	89.0	85.0			4.0	2.0	SE	NE			1.8	2.0	26.5	31.0
5	25.0	26.0	30.0	34.0	29.0	28.0	27.0	26.0	85.0	85.0			4.0	4.0	SW	SE		0.4	2.0	0.4	28.0	30.0
6	25.0	26.0	30.0	33.0	28.0	27.0	26.0	25.0	85.0	84.0			2.0		SW	NE		4.4	1.2	1.3	26.5	30.0
7	24.5	26.0	31.0	31.0	26.0	29.0	24.0	27.0	84.0	85.0					NE	NE		24.6	1.0	0.8	25.0	31.0
8	25.0	27.0	30.5	32.5	28.0	30.0	26.0	28.0	85.0	85.0					NE	SW			0.5	0.5	26.0	32.0
9	25.5	26.0	31.5	33.0	28.0	29.0	26.0	27.0	85.0	85.0					NE	SE		5.6	1.0	2.5	26.5	30.0
10	26.0	29.0	28.0	33.0	28.0	29.0	26.0	27.0	85.0	65.0					SW	SW			1.0	1.2	27.0	30.5
11	25.0	28.5	29.0	33.0	28.0	30.0	26.0	26.0	85.0	72.0					SW	SW		1.0	2.0	2.1	27.0	32.0
12	23.0	23.5	30.5	34.5	28.0	30.0	26.0	25.0	85.0	65.0			4.0		SW	SE			1.7	1.8	25.0	33.0
13	22.0	22.5	30.0	35.5	29.0	29.0	27.0	27.0	82.0	85.0			4.0		SW	NE			2.0	1.7	24.0	32.5
14	21.0	21.5	31.5	33.5	26.0	29.0	24.0	27.0	84.0	85.0			2.0		SW	SW			1.5	1.8	24.5	32.0
15	21.5	20.0	30.0	34.0	24.0	28.0	22.0	24.0	85.0	70.0			4.0		SW	NE			2.0	1.6	22.5	28.0
16	20.0	24.0	30.0	30.0	25.0	28.0	21.0	26.0	68.0	85.0			4.0		SW	SW			2.0	2.0	22.0	30.0
17	21.5	22.0	29.5	31.0	26.0	27.0	24.0	23.0	84.0	70.0			2.0		NE	NE			1.4	2.0	22.0	30.0
18	19.0	25.0	30.0	33.0	27.0	30.0	23.0	26.0	70.0	72.0			2.0		SW	SW			2.0	1.4	23.0	31.0
19	20.0	22.0	31.5	32.0	25.0	28.0	22.0	25.0	72.0	77.0			4.0		SW	NE			1.1	2.0	22.5	30.0
20	20.0	23.0	28.0	28.0	24.0	26.0	22.0	23.0	83.0	76.0			4.0		SW	SW			1.0	2.0	22.5	29.0
21	20.0	24.0	27.5	29.0	24.0	27.0	22.0	25.0	84.0	84.0					SW	NE			1.4	2.0	23.0	30.0
22	20.0	25.0	30.0	34.0	25.0	29.0	22.0	27.0	72.0	85.0			2.0		SW	NE			2.0	1.8	24.0	30.5
23	19.5	24.5	29.0	33.5	24.0	29.0	22.0	24.0	83.0	64.0			4.0		SW	NW			1.8	2.2	22.5	31.0
24	19.0	25.0	30.0	32.0	22.0	29.0	20.0	24.0	82.0	64.0			4.0		SW	SE			1.6	2.0	21.5	31.0
25	19.5	25.0	25.0	33.0	24.0	27.0	22.0	24.0	83.0	77.0			2.0		SW	NE			1.3	1.8	21.5	29.0
26	18.0	22.0	25.0	32.0	23.0	27.0	21.0	24.0	83.0	77.0			4.0		SW	NE			2.0	1.5	21.0	28.0
27	19.0	23.0	28.0	30.0	23.0	25.0	21.0	23.0	83.0	84.0					SW	SW			1.4	2.0	21.0	26.0
28	23.0	28.0	27.0	29.0	27.0	26.0	25.0	24.0	84.0	84.0			4.0		SW	SE			1.4	1.3	24.0	28.0
29	22.0	22.0	29.0	32.0	27.0	28.0	25.0	24.0	84.0	70.0			4.0		SW	SW			1.3	2.1	24.0	29.0
30	21.0	24.0	28.0	32.0	28.0	28.0	25.0	24.0	72.0	70.0			2.0		SW	NE			2.0	1.7	25.0	30.0
31	21.0	28.0	28.0		29.0		24.0		64.0				4.0		SW				1.0		26.0	
Total	687.5	766.0	905.5	995.0	816.0	871.0	741.0	784.0	2496.0	2428.0			84.0	18.0			49.6	24.6	47.3	52.6	755.5	938.5
Average	22.2	24.7	29.2	32.1	26.3	28.1	23.9	25.3	80.5	78.3			2.7	0.6			1.6	0.8			24.4	30.3
	23.4		30.7		27.2		24.6		79.4		0.0		1.6				1.2		99.9		27.3	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

NOVEMBER 2016																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPopM		26.0		32.0		26.0		24.0		84.0						NE				1.5		29.0
1	21.0	26.0	28.0	32.0	27.0	28.0	23.0	24.0	70.0	70.0		4.0	4.0		SW				2.0	1.1	25.0	30.0
2	20.0	29.0	29.0	32.0	26.0	28.0	24.0	24.0	84.0	70.0		2.0	2.0		SW				1.1	1.2	24.0	29.0
3	21.0	28.0	30.0	31.0	26.0	28.0	22.0	24.0	69.0	70.0		6.0	6.0		SW				1.5	1.5	23.5	28.5
4	21.0	26.0	29.0	30.0	26.0	26.0	24.0	24.0	84.0	84.0		4.0	4.0		SW				1.3	2.2	23.5	28.0
5	19.0	26.0	28.0	32.0	26.0	28.0	22.0	24.0	69.0	70.0		2.0	2.0		NE				1.3	2.1	23.0	28.0
6	20.0	27.0	29.0	32.0	28.0	27.0	23.0	23.0	64.0	70.0		4.0	4.0		SW				1.3	2.0	23.0	27.0
7	16.0	26.0	29.0	31.0	23.0	27.0	20.0	23.0	75.0	70.0		4.0	4.0		SW				1.5	2.0	20.0	26.0
8	15.0	21.0	28.0	32.0	22.0	26.0	18.0	21.0	66.0	62.0		2.0	2.0		SW				1.0	2.0	18.0	26.0
9	15.0	22.0	30.0	31.0	17.0	26.0	15.0	21.0	80.0	62.0		2.0	2.0		SW				1.5	2.2	19.0	25.5
10	15.0	20.0	31.0	31.0	19.0	25.0	15.0	21.0	63.0	68.0		4.0	4.0		SW				1.5	2.5	17.0	25.0
11	16.0	21.0	32.0	30.0	19.0	25.0	17.0	21.0	81.0	68.0		4.0	4.0		SW				1.7	2.0	18.0	25.5
12	15.0	22.0	28.0	30.0	18.0	25.0	16.0	20.0	80.0	61.0		4.0	4.0		SW				1.1	1.6	17.0	25.0
13	15.0	22.0	28.0	30.0	18.0	26.0	16.0	21.0	80.0	62.0		6.0	6.0		SW				1.0	2.0	17.0	24.5
14	16.0	23.0	30.0	31.0	22.0	27.0	20.0	23.0	82.0	70.0					SW				1.2	1.8	20.0	26.0
15	18.0	22.0	27.0	30.0	22.0	27.0	20.0	23.0	82.0	70.0		4.0	4.0		SW				1.4	1.7	23.0	25.0
16	18.0	23.0	26.0	31.0	23.0	26.0	20.0	21.0	75.0	62.0		4.0	4.0		NE				1.2	2.0	21.0	26.0
17	17.0	23.0	27.0	29.0	23.0	23.0	20.0	20.0	75.0	75.0		6.0	6.0		NE				1.0	2.2	21.0	25.5
18	18.0	20.0	28.0	30.0	24.0	27.0	20.0	23.0	68.0	70.0					SW				1.4	1.5	22.0	26.0
19	17.0	24.0	29.0	30.0	24.0	28.0	20.0	21.0	68.0	51.0		6.0	6.0		SW				1.3	1.6	21.0	26.0
20	17.0	24.0	29.0	31.0	22.0	27.0	20.0	23.0	82.0	70.0					SW				1.0	1.7	18.0	26.0
21	13.0	26.0	30.0	31.0	21.0	27.0	18.0	23.0	73.0	70.0		8.0	8.0		SW				1.0	1.6	17.0	26.0
22	13.0	24.0	30.0	31.0	24.0	26.0	19.0	22.0	60.0	69.0		2.0	2.0		SW				1.1	1.5	17.0	25.0
23	13.0	25.0	28.0	31.0	26.0	27.0	20.0	23.0	55.0	70.0					NE				1.0	1.3	17.0	26.0
24	13.0	22.0	30.0	30.0	25.0	26.0	19.0	22.0	54.0	69.0		2.0	2.0		SW				1.0	1.4	16.0	26.0
25	13.0	22.0	31.0	31.0	26.0	27.0	20.0	20.0	55.0	40.0					SW				1.1	1.5	19.0	25.0
26	14.0	23.0	29.0	30.0	27.0	27.0	20.0	20.0	40.0	50.0		2.0	2.0		SW				1.1	1.6	18.0	26.0
27	14.0	24.0	30.0	30.0	26.0	27.0	20.0	20.0	55.0	40.0		2.0	2.0		SW				1.1	1.5	19.0	25.0
28	14.0	22.0	31.0	32.0	22.0	26.0	18.0	22.0	66.0	69.0		4.0	4.0		SW				1.2	1.5	18.0	26.0
29	13.0	24.0	31.0	31.0	26.0	28.0	20.0	21.0	55.0	51.0		2.0	2.0		NE				1.1	1.5	18.0	25.0
30	13.0		29.0		22.0		18.0		66.0			2.0	2.0		SW				1.4		18.0	
Total	483.0	713.0	874.0	925.0	700.0	797.0	587.0	662.0	2076.0	1967.0		92.0	42.0				0.0	0.0	37.4	51.8	591.0	787.5
Average	16.1	23.8	29.1	30.8	23.3	26.6	19.6	22.1	69.2	65.6		3.1	1.4				0.0	0.0			19.7	26.3
	19.9		30.0		25.0		20.8		67.4		0.0	2.2					0.0		89.2		23.0	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

DECEMBER 2016																						
Day	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		24.0		30.0		28.0		20.0		45.0				2.0		SW				1.5		26.0
1	14.0	21.0	31.0	31.0	21.0	28.0	18.0	20.0	66.0	45.0			4.0	4.0	SW	NE			1.0	1.4	17.0	25.0
2	16.0	22.0	26.0	31.0	21.0	27.0	19.0	20.0	82.0	40.0					SW	NW			0.9	1.3	18.0	25.0
3	15.0	23.0	28.0	31.0	22.0	27.0	18.0	20.0	66.0	50.0			2.0		NW	SE			1.1	1.4	19.0	26.0
4	15.0	23.0	29.0	31.0	23.0	28.0	19.0	21.0	67.0	51.0			2.0		SE	NW			0.9	1.3	20.0	26.0
5	15.0	22.0	26.0	29.0	23.0	26.0	19.0	20.0	67.0	48.0				2.0	SW	NE			1.1	1.4	19.0	25.0
6	13.0	21.0	28.0	28.0	27.0	27.0	19.0	19.0	82.0	44.0			2.0	2.0	SE	NE			1.2	1.4	18.0	26.0
7	12.0	21.0	28.0	28.0	20.0	26.0	17.0	20.0	73.0	48.0			2.0		NE	NW			1.3	1.4	16.0	25.0
8	12.0	21.0	27.0	29.0	21.0	27.0	18.0	20.0	73.0	50.0			4.0		NW	SE			1.2	1.4	16.0	25.0
9	12.0	20.0	28.0	28.0	21.0	26.0	18.0	20.0	73.0	48.0			4.0		NE	SW			1.3	1.5	15.5	24.5
10	11.0	21.0	27.0	29.0	20.0	27.0	17.0	20.0	73.0	50.0					NE	SE			1.4	1.5	15.0	25.0
11	12.0	20.0	28.0	28.0	19.0	25.0	16.0	19.0	72.0	54.0			2.0		SW	NE			1.2	1.3	15.5	25.0
12	12.0	22.0	26.0	29.0	18.0	25.0	16.0	19.0	80.0	54.0			4.0		SE	NW			1.3	1.5	15.5	24.0
13	13.0	22.0	26.0	29.0	23.0	25.0	19.0	19.0	67.0	54.0			4.0		NE	SE			1.4	1.2	16.5	25.0
14	15.0	23.0	28.0	29.0	20.0	25.0	19.0	20.0	91.0	61.0			4.0		SE	SW			1.1	1.2	19.0	25.0
15	12.0	21.0	28.0	29.0	25.0	25.0	19.0	18.0	54.0	47.0			2.0		NW	NE			1.0	1.3	15.5	24.0
16	11.0	22.0	26.0	29.0	24.0	26.0	18.0	20.0	53.0	55.0			2.0		SE	SE			1.1	1.3	15.0	24.0
17	11.0	20.0	26.0	28.0	24.0	26.0	18.0	20.0	53.0	55.0			4.0		NE	SW			1.2	1.2	14.5	23.5
18	10.0	18.0	26.0	27.0	25.0	25.0	17.0	18.0	41.0	47.0			4.0		NW	SW			1.1	1.2	14.0	22.5
19	10.0	19.0	26.0	28.0	24.0	24.0	18.0	18.0	53.0	53.0			4.0		SE	SW			1.0	1.1	14.0	22.5
20	10.0	18.0	26.0	29.0	20.0	26.0	16.0	19.0	64.0	49.0			2.0		NE	SE			1.1	1.0	14.5	23.0
21	10.0	18.0	27.0	28.0	23.0	25.0	17.0	19.0	52.0	54.0			6.0		NE	NW			1.0	1.3	16.5	23.5
22	11.0	19.0	26.0	29.0	21.0	24.0	17.0	16.0	65.0	39.0			4.0		NE	SW			0.9	1.3	17.0	24.0
23	9.0	18.0	27.0	28.0	24.0	26.0	18.0	18.0	53.0	42.0			6.0		SE	SW			1.2	1.0	15.5	23.5
24	9.0	19.0	26.0	28.0	22.0	26.0	17.0	19.0	58.0	49.0			4.0		SE	SE			0.9	1.1	15.0	24.0
25	9.0	18.0	28.0	29.0	19.0	25.0	16.0	25.0	72.0	61.0					NE	NE			1.2	0.9	17.5	24.0
26	11.0	19.0	26.0	30.0	19.0	29.0	16.0	21.0	72.0	46.0			4.0		SW	NE			0.9	1.4	19.5	25.0
27	11.0	19.0	29.0	29.0	20.0	26.0	16.0	19.0	64.0	49.0					SE	SW			0.8	1.4	20.0	26.0
28	10.0	20.0	27.0	29.0	21.0	25.0	17.0	19.0	65.0	54.0			4.0		NW	SW			0.8	1.3	19.0	26.0
29	11.0	19.0	26.0	30.0	21.0	25.0	17.0	19.0	65.0	54.0			4.0		NW	SE			0.7	1.4	20.0	26.0
30	11.0	20.0	27.0	29.0	21.0	26.0	17.0	20.0	65.0	55.0			4.0		SE	SW			0.7	1.3	20.0	26.0
31	11.0		26.0		25.0		20.0		61.0				2.0		SE				0.8		20.5	
Total	364.0	633.0	839.0	899.0	677.0	806.0	546.0	605.0	2042.0	1551.0			90.0	14.0			0.0	0.0	32.8	40.2	528.0	765.0
Average	11.7	20.4	27.1	29.0	21.8	26.0	17.6	19.5	65.9	50.0			2.9	0.5			0.0	0.0			17.0	24.7
	16.1		28.0		23.9		18.6		58.0		0.0		1.7				0.0		73.0		20.9	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 - N.A.

JANUARY 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	22.0		30.0		28.0		20.0		45.0							NE				1.2		28.0
1	12.0	22.0	30.0	29.0	25.0	24.0	20.0	19.0	61.0	60.0		6.0			SW	NE			0.9	1.1	22.0	29.0
2	14.0	22.0	28.0	30.0	25.0	24.0	21.0	19.0	68.0	60.0		4.0			SW	NE			1.0	0.9	26.5	33.0
3	16.0	22.0	29.0	28.0	24.0	26.0	20.0	20.0	68.0	55.0		2.0			SW	NE			1.0	1.0	26.0	32.5
4	14.0	22.0	25.0	29.0	20.0	27.0	17.0	19.0	73.0	44.0					SW	SW			1.2	1.1	26.0	33.0
5	11.0	20.0	27.0	29.0	25.0	26.0	20.0	19.0	61.0	49.0		2.0			SW	NE			1.1	1.2	25.0	31.5
6	10.0	21.0	27.0	30.0	24.0	26.0	19.0	18.0	60.0	42.0		2.0			NE	NE			1.4	0.9	24.0	31.0
7	11.0	20.0	27.0	30.0	20.0	29.0	18.0	19.0	81.0	35.0		2.0			SW	NE			1.4	1.5	24.5	31.5
8	11.0	20.0	28.0	30.0	25.0	29.0	18.0	19.0	47.0	35.0		2.0			NE	NE			1.3	1.3	26.0	31.0
9	11.0	20.0	27.0	30.0	25.0	29.0	18.0	19.0	47.0	35.0					NE	SW			1.4	1.0	25.0	31.5
10	12.0	21.0	29.0	29.0	22.0	24.0	17.0	18.0	58.0	53.0		2.0	2.0		SW	SW			1.5	0.9	25.5	30.5
11	13.0	21.0	26.0	28.0	22.0	24.0	17.0	18.0	58.0	53.0		2.0	2.0		SW	NE			1.2	1.0	25.0	31.0
12	11.0	21.0	27.0	27.0	24.0	25.0	19.0	18.0	60.0	47.0		4.0			SW	NE			1.2	1.0	24.0	31.0
13	11.0	19.0	26.0	27.0	20.0	24.0	16.0	18.0	64.0	53.0		2.0	2.0		NW	SW			1.0	1.0	24.0	31.0
14	10.0	20.0	26.0	27.0	25.0	26.0	18.0	18.0	47.0	42.0		2.0	4.0		SW	NE			1.1	0.9	24.0	31.5
15	9.0	21.0	27.0	29.0	21.0	27.0	16.0	17.0	57.0	32.0		4.0			SW	NE			1.2	1.0	23.0	30.5
16	9.0	21.0	28.0	28.0	20.0	26.0	16.0	18.0	64.0	42.0		4.0	2.0		SW	NE			1.4	1.2	22.0	30.5
17	11.0	20.0	30.0	29.0	22.0	28.0	16.0	19.0	50.0	42.0		4.0	4.0		SW	SW			1.2	1.0	23.0	31.0
18	12.0	20.0	30.0	30.0	18.0	28.0	16.0	19.0	80.0	42.0					SW	NE			1.4	1.1	23.5	31.0
19	12.0	21.0	29.0	29.0	21.0	28.0	18.0	19.0	73.0	42.0			2.0		SW	SW			1.5	1.2	24.0	30.5
20	12.0	21.0	29.0	30.0	24.0	29.0	18.0	19.0	53.0	35.0		4.0			SW	NE			1.2	1.1	25.0	31.0
21	11.0	20.0	30.0	31.0	20.0	28.0	17.0	19.0	73.0	42.0					SW	NE			1.6	1.2	24.5	31.0
22	14.0	23.0	30.0	31.0	26.0	28.0	20.0	19.0	55.0	42.0		4.0			SW	NE			1.5	1.6	25.0	31.5
23	13.0	22.0	29.0	30.0	22.0	27.0	18.0	19.0	66.0	35.0					SW	NE			1.6	1.8	24.5	31.0
24	10.0	24.0	29.0	30.0	20.0	27.0	16.0	19.0	64.0	44.0		2.0			SW	NE			1.2	1.7	23.5	31.0
25	12.0	23.0	29.0	31.0	20.0	29.0	17.0	19.0	73.0	35.0			4.0		NW	NE			1.2	1.5	24.0	31.5
26	12.0	20.0	30.0	32.0	19.0	28.0	15.0	20.0	63.0	45.0					SW	NE			1.1	1.2	24.5	31.0
27	11.0	20.0	29.0	31.0	20.0	29.0	18.0	20.0	81.0	43.0					SW	NE			1.1	1.3	24.0	31.5
28	13.0	24.0	30.0	31.0	24.0	27.0	19.0	22.0	35.0	63.0		4.0			SW	NW			1.1	1.4	25.0	32.0
29	11.0	23.0	28.0	31.0	29.0	29.0	19.0	19.0	35.0	35.0		2.0			SW	NW			1.2	1.3	26.0	32.0
30	11.0	22.0	30.0	31.0	27.0	29.0	19.0	19.0	44.0	35.0		2.0			NE	NW			1.3	1.2	25.0	31.5
31	12.0		32.0		27.0		19.0		44.0			2.0			SW				1.3		25.5	
Total	362.0	658.0	881.0	917.0	706.0	838.0	555.0	587.0	1863.0	1362.0		64.0	34.0						38.8	36.8	759.5	965.5
Average	11.7	21.2	28.4	29.6	22.8	27.0	17.9	18.9	60.1	43.9		2.1	1.1						0.0	0.0	24.5	31.1
	16.5		29.0		24.9		18.4		52.0		0.0	1.6							75.6		27.8	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

FEBRUARY 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		22.0		31.0		29.0		20.0		40.0												
1	11.0	22.0	32.0	31.0	28.0	29.0	19.0	19.0	39.0	35.0			2.0	2.0	SW	NE			1.2	1.4	25.0	31.5
2	13.0	23.0	31.0	31.0	28.0	29.0	20.0	20.0	45.0	40.0			2.0	2.0	NE	NE			1.3	1.4	26.5	32.0
3	12.0	22.0	30.0	32.0	27.0	28.0	20.0	19.0	50.0	39.0			4.0	2.0	SW	NE			1.4	1.4	26.0	31.5
4	12.0	22.0	30.0	31.0	28.0	27.0	20.0	18.0	45.0	44.0			3.0	1.0	SW	SW			1.4	1.6	25.5	31.5
5	11.0	21.0	30.0	32.0	27.0	29.0	19.0	20.0	44.0	40.0			2.0	1.5	SW	NW			1.5	1.7	25.5	32.0
6	12.0	22.0	31.0	33.0	25.0	29.0	18.0	20.0	47.0	40.0			2.0	2.0	SW	NW			1.2	1.6	25.0	32.0
7	15.0	23.0	33.0	33.0	26.0	29.0	19.0	20.0	49.0	40.0			2.0	1.0	SW	SW			1.5	1.7	25.5	31.5
8	14.0	22.0	33.0	34.0	26.0	30.0	19.0	20.0	49.0	36.0			4.0	1.0	SW	NW			1.7	1.5	25.0	32.0
9	15.0	23.0	32.0	33.0	26.0	30.0	19.0	20.0	54.0	36.0			2.0	1.0	SW	SW			1.7	1.4	25.0	32.0
10	14.0	24.0	33.0	34.0	25.0	30.0	19.0	19.0	49.0	31.0			2.0	1.0	SW	SW			1.8	1.5	25.5	32.5
11	15.0	24.0	32.0	34.0	26.0	29.0	20.0	19.0	55.0	35.0			2.0	1.0	SW	SW			1.7	1.6	25.0	32.5
12	15.0	24.0	32.0	34.0	25.0	28.0	19.0	18.0	54.0	33.0			2.0	1.5	SW	SW			1.8	1.6	25.5	32.0
13	16.0	25.0	31.0	32.0	25.0	28.0	19.0	18.0	54.0	33.0			2.0	2.0	SW	SW			1.8	1.8	25.5	32.0
14	15.0	23.0	30.0	33.0	26.0	30.0	20.0	20.0	55.0	36.0			2.0	2.0	SW	SW			1.8	1.8	26.5	32.5
15	16.0	24.0	32.0	33.0	25.0	30.0	19.0	20.0	54.0	36.0			2.0	2.0	SW	SW			1.9	1.8	26.0	32.5
16	15.0	24.0	33.0	33.0	24.0	32.0	18.0	20.0	53.0	29.0			4.0	2.0	NE	SW			2.0	1.9	25.5	32.0
17	15.0	25.0	32.0	34.0	26.0	34.0	19.0	21.0	49.0	27.0			2.0	1.5	SW	SW			1.9	1.9	26.0	32.0
18	15.0	25.0	33.0	34.0	30.0	34.0	21.0	21.0	36.0	32.0			2.0	1.5	NE	NE			1.9	1.9	26.0	32.5
19	15.0	26.0	34.0	35.0	29.0	32.0	20.0	21.0	40.0	34.0			2.0	2.0	NE	NE			1.9	1.9	27.0	32.5
20	16.0	26.0	31.0	36.0	27.0	32.0	19.0	20.0	44.0	29.0			4.0	2.0	SW	NE			2.0	2.0	26.5	33.0
21	15.0	25.0	30.0	37.0	26.0	34.0	18.0	21.0	42.0	27.0			4.0	2.0	SW	NE			2.1	2.1	25.5	34.0
22	17.0	26.0	32.0	36.0	28.0	32.0	22.0	20.0	57.0	29.0			4.0	2.0	SW	SW			2.1	2.0	26.0	33.5
23	16.0	24.0	31.0	34.0	26.0	32.0	18.0	20.0	42.0	29.0			6.0	2.0	SW	NE			2.2	2.3	25.5	33.5
24	15.0	25.0	32.0	36.0	25.0	34.0	18.0	21.0	47.0	27.0			4.0	4.0	SW	NW			2.3	2.2	25.5	34.0
25	16.0	24.0	33.0	34.0	24.0	32.0	18.0	20.0	53.0	29.0			4.0	4.0	SW	NE			2.3	2.2	24.5	33.0
26	14.0	25.0	33.0	34.0	25.0	34.0	18.0	21.0	47.0	27.0			2.0	2.0	SW	NE			2.2	2.3	24.0	33.0
27	14.0	25.0	34.0	36.0	26.0	34.0	19.0	21.0	49.0	27.0			4.0	4.0	SW	NE			2.3	2.5	24.5	33.0
28	15.0		33.0		24.0		18.0		53.0				6.0						2.2		24.0	
Total	404.0	666.0	893.0	940.0	733.0	860.0	535.0	557.0	1355.0	940.0			79.0	42.0			0.0	0.0	51.1	50.3	713.5	908.5
Average	14.4	23.8	31.9	33.6	26.2	30.7	19.1	19.9	48.4	33.6			2.8	1.5			0.0	0.0			25.5	32.4
	19.1		32.7		28.4		19.5		41.0				2.2				0.0		101.4		29.0	

365

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 - N.A.

MARCH 2017																							
	Min Temperature (°c)		Max Temperature (°c)		Dry Bulb Temp. (°c)		Wet Bulb Temp. °c		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°c)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPOPM		25.0		36.0		34.0		20.0		23.0				4.0				-				17:30	
1	16.0	26.0	34.0	36.0	26.0	34.0	18.0	20.0	42.0	23.0	4.0	-	1.0	4.3	SW	NE	-	-	2.3	2.6	25.0	34.0	
2	15.0	26.0	34.0	35.0	23.0	34.0	17.0	20.0	52.0	23.0	-	-	0.2	4.2	SW	SW	-	-	2.4	2.7	24.0	34.0	
3	17.0	25.0	35.0	36.0	26.0	36.0	18.0	23.0	42.0	30.0	-	-	0.7	1.8	SW	NE	-	-	2.6	2.5	25.5	33.5	
4	17.0	25.0	35.0	36.0	25.0	36.0	18.0	21.0	47.0	22.0	-	-	0.6	4.8	SW	SW	-	-	2.5	2.7	25.5	34.0	
5	17.0	25.0	35.0	36.0	25.0	36.0	18.0	24.0	47.0	34.0	-	-	1.6	4.1	SW	NE	-	-	2.5	2.8	25.5	34.5	
6	15.0	26.0	35.0	36.0	26.0	34.0	20.0	22.0	55.0	32.0	-	4.0	0.0	2.6	SW	NE	-	-	2.6	2.7	26.0	34.5	
7	18.0	18.0	35.0	35.0	28.0	30.0	20.0	22.0	45.0	47.0	6.0	6.0	0.7	3.5	NW	NW	1.0	-	2.5	2.0	26.5	32.0	
8	20.0	23.0	33.0	33.0	23.0	30.0	21.0	22.0	83.0	47.0	2.0	-	1.1	2.7	SW	NE	-	-	1.7	1.0	27.0	34.0	
9	15.0	24.0	32.0	35.0	28.0	30.0	23.0	25.0	64.0	65.0	-	2.0	0.4	6.2	SW	SW	-	6.6	2.4	2.1	26.0	33.0	
10	14.0	23.0	30.0	34.0	29.0	30.0	25.0	22.0	71.0	47.0	-	4.0	0.6	8.6	SW	NE	0.8	3.2	1.9	2.5	27.0	32.0	
11	20.0	27.0	28.0	34.0	29.0	32.0	25.0	22.0	71.0	39.0	2.0	-	1.0	2.9	SW	NW	-	-	1.0	2.7	27.5	32.5	
12	19.0	29.0	33.0	34.0	30.0	32.0	21.0	20.0	42.0	29.0	-	-	1.6	3.7	SW	NW	-	-	2.0	2.5	28.0	33.0	
13	16.0	27.0	32.0	33.0	28.0	30.0	19.0	20.0	39.0	39.0	-	6.0	0.3	3.8	SW	NE	-	-	2.3	2.2	24.0	33.0	
14	18.0	26.0	31.0	33.0	27.0	32.0	21.0	20.0	56.0	29.0	-	2.0	0.5	2.9	NW	NE	-	-	2.4	2.3	25.0	33.5	
15	18.0	26.0	32.0	35.0	27.0	30.0	21.0	20.0	56.0	39.0	2.0	6.0	1.2	4.0	SW	NE	-	-	2.5	2.1	25.5	33.5	
16	16.0	26.0	32.0	35.0	28.0	32.0	20.0	20.0	45.0	29.0	-	6.0	0.8	3.0	NW	NE	-	-	2.0	2.5	24.5	33.0	
17	16.0	27.0	33.0	36.0	30.0	34.0	20.0	22.0	36.0	32.0	2.0	4.0	0.4	4.5	SW	SW	-	-	2.0	2.7	25.0	33.0	
18	17.0	27.0	33.0	35.0	30.0	34.0	22.0	21.0	47.0	27.0	4.0	2.0	0.9	4.5	SW	NE	-	-	2.5	2.8	25.0	33.5	
19	18.0	26.0	35.0	35.0	28.0	32.0	20.0	20.0	45.0	29.0	-	4.0	0.7	0.8	NW	SW	-	-	2.5	2.9	24.5	33.0	
20	17.0	28.0	34.0	35.0	30.0	32.0	22.0	20.0	47.0	29.0	2.0	4.0	5.9	5.1	SW	NE	-	-	2.4	3.0	25.0	33.5	
21	16.0	28.0	33.0	36.0	30.0	34.0	21.0	21.0	42.0	27.0	2.0	-	0.7	4.3	SW	NE	-	-	2.4	3.2	25.0	34.0	
22	17.0	29.0	35.0	37.0	30.0	36.0	20.0	24.0	36.0	34.0	2.0	2.0	1.5	3.3	SW	NE	-	-	2.5	3.2	25.0	33.5	
23	17.0	29.0	34.0	40.0	30.0	38.0	20.0	24.0	36.0	28.0	2.0	-	1.1	3.7	SW	NE	-	-	2.7	3.3	25.0	34.0	
24	18.0	30.0	34.0	41.0	32.0	36.0	22.0	22.0	39.0	26.0	2.0	2.0	1.0	3.5	SW	NE	-	-	2.7	3.4	25.0	35.0	
25	18.0	31.0	35.0	41.0	32.0	38.0	22.0	24.0	39.0	28.0	2.0	-	0.7	5.7	SW	NW	-	-	2.7	3.5	25.0	35.5	
26	18.0	31.0	34.0	41.0	34.0	37.0	24.0	24.0	41.0	28.0	4.0	-	0.8	3.5	SW	NE	-	-	2.7	3.5	26.0	35.0	
27	17.0	29.0	35.0	42.0	32.0	38.0	22.0	24.0	39.0	28.0	2.0	2.0	0.5	3.5	SW	NE	-	-	2.5	3.2	26.0	35.5	
28	17.0	32.0	35.0	43.0	34.0	38.0	24.0	24.0	41.0	28.0	4.0	-	1.7	5.7	SW	NW	-	-	2.6	3.8	26.0	36.0	
29	16.0	30.0	34.0	43.0	30.0	40.0	23.0	25.0	53.0	27.0	4.0	-	1.3	6.6	SW	NE	-	-	2.7	4.0	25.5	36.0	
30	17.0	33.0	35.0	44.0	36.0	40.0	25.0	24.0	38.0	30.0	6.0	2.0	1.8	5.8	SW	NW	-	-	3.0	3.8	26.5	36.0	
31	16.0		36.0		34.0		24.0		41.0		4.0		1.7		SW				2.9		26.0		
Total	526.0	837.0	1041.0	1141.0	900.0	1059.0	656.0	682.0	1477.0	998.0	58.0	58.0*	32.9	127.5			1.8	9.8	74.4	86.6	793.0	1050.5	
Average	17.0	27.0	33.6	36.8	29.0	34.2	21.2	22.0	47.6	32.2	1.9	1.9*	1.1	4.1			0.1	0.3			25.6	33.9	
	22.0		35.2		31.6		21.6		39.9		1.9*		2.6				0.2		161.0		29.7		

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EMF00C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

APRIL 2017																						
Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM		34.0		44.0		40.0		24.0		30.0		2.0		3.3		SW		-		3.8		36.0
1	17.0	34.0	36.0	44.0	34.0	40.0	24.0	24.0	41.0	23.0	4.0	2.0	1.7	3.9	NE	NE	-	-	2.9	3.8	26.0	37.0
2	18.0	33.0	36.0	41.0	34.0	40.0	24.0	25.0	41.0	27.0	4.0	2.0	2.6	9.0	NE	NE	-	-	3.0	3.8	27.0	36.5
3	16.0	33.0	35.0	39.0	34.0	38.0	24.0	23.0	41.0	24.0	4.0	6.0	3.7	11.6	SW	NE	-	-	2.7	3.9	26.5	36.0
4	16.0	33.0	35.0	42.0	34.0	36.0	24.0	24.0	41.0	34.0	4.0	8.0	4.1	7.8	SW	NE	-	-	2.7	3.8	27.0	36.0
5	16.0	34.0	35.0	42.0	34.0	38.0	25.0	24.0	46.0	28.0	4.0	4.0	2.3	5.7	SW	SW	-	-	2.9	3.9	27.0	36.5
6	17.0	34.0	37.0	42.0	34.0	38.0	25.0	26.0	46.0	36.0	8.0	4.0	3.5	5.2	SW	NE	-	-	2.8	3.9	27.0	37.5
7	17.0	34.0	38.0	43.0	36.0	40.0	27.0	24.0	48.0	23.0	2.0	2.0	1.7	4.4	SW	NE	-	-	2.9	3.8	27.5	38.0
8	18.0	35.0	38.0	44.0	36.0	40.0	27.0	24.0	48.0	23.0	2.0	2.0	0.6	4.0	SW	NE	-	-	3.0	4.0	28.5	38.0
9	16.0	34.0	36.0	43.0	34.0	40.0	26.0	24.0	51.0	23.0	2.0	4.0	0.7	4.4	SW	NE	-	-	2.6	4.0	28.5	37.0
10	16.0	33.0	37.0	41.0	36.0	38.0	26.0	24.0	43.0	28.0	2.0	2.0	1.2	6.6	NW	SW	-	-	2.7	3.9	28.5	37.5
11	18.0	33.0	38.0	41.0	34.0	38.0	26.0	24.0	51.0	28.0	2.0	2.0	1.1	4.7	NW	SW	-	-	2.9	3.9	27.5	36.0
12	17.0	34.0	39.0	41.0	30.0	38.0	20.0	21.0	36.0	23.0	2.0	2.0	1.9	4.7	SW	NE	-	-	2.8	4.0	24.0	35.5
13	18.0	33.0	39.0	41.0	30.0	40.0	20.0	24.0	36.0	23.0	2.0	2.0	1.2	3.3	NW	SW	-	-	3.0	4.1	24.0	37.0
14	17.0	32.0	40.0	43.0	32.0	38.0	21.0	24.0	34.0	28.0	2.0	4.0	1.4	5.5	SW	NE	-	-	3.1	4.0	25.0	38.0
15	18.0	33.0	41.0	44.0	34.0	38.0	22.0	24.0	32.0	28.0	2.0	4.0	1.8	4.6	NW	NE	-	-	3.5	4.1	26.0	39.0
16	17.0	33.0	40.0	44.0	30.0	38.0	24.0	23.0	59.0	24.0	6.0	4.0	1.6	4.6	NE	SW	-	-	2.9	4.2	28.0	39.0
17	17.0	34.0	43.0	43.0	36.0	38.0	27.0	26.0	48.0	36.0	4.0	2.0	1.6	3.9	SW	SW	-	-	3.2	4.1	30.0	37.0
18	18.0	34.0	42.0	43.0	36.0	38.0	27.0	26.0	48.0	36.0	4.0	2.0	1.5	5.0	SW	SW	-	-	3.3	4.2	31.0	36.0
19	18.0	34.0	41.0	43.0	36.0	38.0	26.0	26.0	43.0	36.0	4.0	10.0	1.2	5.6	SW	SW	-	-	3.2	4.2	32.0	37.0
20	16.0	34.0	38.0	44.0	36.0	40.0	25.0	26.0	38.0	30.0	4.0	4.0	3.1	7.2	SW	SW	-	-	3.0	4.6	29.0	36.0
21	17.0	33.0	41.0	44.0	36.0	38.0	25.0	26.0	38.0	36.0	4.0	2.0	5.8	9.3	SW	NE	-	-	3.1	4.7	30.0	37.0
22	19.0	36.0	40.0	45.0	38.0	40.0	25.0	28.0	33.0	32.0	12.0	8.0	3.9	8.1	SW	SW	-	-	3.5	5.8	31.0	38.0
23	19.0	38.0	40.0	45.0	38.0	40.0	25.0	28.0	32.0	32.0	4.0	4.0	2.2	4.7	SW	SW	-	-	3.5	5.7	31.0	37.0
24	20.0	37.0	41.0	44.0	38.0	40.0	24.0	26.0	28.0	30.0	4.0	18.0	2.6	11.2	SW	SW	-	-	3.8	6.0	31.0	37.0
25	21.0	38.0	41.0	44.0	38.0	40.0	22.0	28.0	23.0	32.0	4.0	12.0	5.1	9.6	SW	SW	-	-	4.2	6.2	30.5	37.0
26	22.0	38.0	42.0	45.0	38.0	40.0	24.0	24.0	28.0	23.0	2.0	2.0	2.4	5.7	SW	SW	-	-	4.5	6.0	30.5	37.0
27	23.0	36.0	43.0	44.0	40.0	40.0	24.0	24.0	23.0	23.0	2.0	2.0	1.6	5.7	SE	SW	-	-	4.0	5.8	31.0	37.5
28	24.0	35.0	44.0	44.0	36.0	40.0	23.0	24.0	30.0	23.0	4.0	2.0	1.2	5.4	SW	SW	-	-	4.0	6.0	30.0	37.5
29	25.0	36.0	41.0	45.0	38.0	40.0	24.0	24.0	28.0	23.0	4.0	2.0	1.3	4.9	NE	SW	-	-	4.0	6.0	31.0	37.0
30	26.0		45.0		38.0		24.0		28.0		2.0		4.6		SW		-	-	4.0		31.0	
Total	557.0	1032.0	1182.0	1292.0	1058.0	1170.0	730.0	742.0	1162.0	845.0	110.0	126.0	69.1	179.5			0.0	0.0	97.7	136.2	857.0	1111.5
Average	18.6	34.4	39.4	43.1	35.3	39.0	24.3	24.7	38.7	28.2	3.7	4.2	2.3	6.0			0.0	0.0			28.6	37.1
	26.5		41.2		37.1		24.5		33.5		3.9		4.1				0.0		233.9		32.8	

Twice Daily Climatic Data

Station Code : EMFO0C3
Local River/Basin : Tel

Station Name : KANTAMAL
Sub-Division : Burla
- 0.0 .. N.A.

MAY 2017																						
	Min Temperature (°C)		Max Temperature (°C)		Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30																				
LPoPM		37.0		44.0		40.0		24.0		23.0		2.0		4.3		NE		-		6.0		37.0
1	27.0	36.0	44.0	43.0	36.0	38.0	24.0	24.0	34.0	28.0	6.0	8.0	3.9	6.2	SW	NE	-	-	3.8	5.8	29.5	36.0
2	26.0	35.0	39.0	43.0	32.0	38.0	24.0	24.0	49.0	28.0	2.0	-	4.8	4.0	SW	NE	-	-	3.7	5.7	28.5	37.0
3	28.0	36.0	44.0	44.0	36.0	40.0	26.0	24.0	43.0	23.0	6.0	2.0	1.7	5.5	SW	NW	-	-	3.9	6.0	32.5	38.0
4	27.0	34.0	42.0	44.0	36.0	40.0	26.0	26.0	43.0	30.0	6.0	2.0	3.2	6.3	SW	SW	-	-	3.8	5.8	29.5	37.0
5	28.0	35.0	43.0	44.0	36.0	40.0	26.0	24.0	43.0	23.0	4.0	4.0	3.2	7.2	NE	SW	-	-	3.9	5.9	29.5	37.0
6	29.0	35.0	42.0	44.0	36.0	38.0	27.0	26.0	48.0	36.0	4.0	6.0	3.8	4.1	NE	SW	-	-	4.1	5.7	30.0	37.0
7	30.0	34.0	40.0	43.0	34.0	38.0	24.0	26.0	41.0	36.0	4.0	4.0	6.2	2.9	NE	SW	-	-	4.2	5.0	29.5	37.0
8	29.0	35.0	41.0	43.0	34.0	38.0	26.0	26.0	51.0	36.0	4.0	12.0	1.9	5.8	NW	NW	-	-	4.2	5.2	30.0	36.0
9	28.0	35.0	38.0	42.0	36.0	38.0	24.0	24.0	34.0	28.0	10.0	-	3.4	5.7	SW	SW	-	-	4.1	5.0	29.5	36.0
10	26.0	28.0	37.0	40.0	28.0	38.0	24.0	24.0	70.0	28.0	2.0	8.0	6.1	6.5	SW	SW	-	-	3.7	4.0	27.5	35.0
11	26.0	34.0	39.0	39.0	36.0	36.0	28.0	22.0	53.0	26.0	2.0	10.0	1.2	6.5	SW	SE	-	-	3.1	4.0	30.0	36.0
12	29.0	35.0	41.0	42.0	36.0	38.0	26.0	24.0	34.0	28.0	4.0	2.0	3.9	5.8	SW	SW	-	-	4.2	4.4	30.0	36.0
13	29.0	36.0	39.0	45.0	36.0	40.0	27.0	24.0	48.0	23.0	4.0	4.0	2.2	5.6	SW	SW	-	-	4.0	5.2	30.0	37.0
14	30.0	36.0	41.0	42.0	36.0	40.0	26.0	24.0	43.0	23.0	4.0	2.0	3.5	5.9	SW	SW	-	-	4.2	5.2	30.0	39.0
15	30.0	37.0	42.0	45.0	38.0	40.0	26.0	26.0	36.0	30.0	8.0	4.0	3.9	6.4	SW	SW	-	-	4.4	6.0	31.0	37.0
16	30.0	36.0	42.0	44.0	38.0	40.0	28.0	24.0	45.0	23.0	6.0	2.0	2.3	7.0	SW	NE	-	-	4.7	6.2	31.0	37.0
17	30.0	36.0	41.0	45.0	36.0	40.0	28.0	26.0	53.0	30.0	-	4.0	0.6	5.3	SW	NE	-	-	4.4	5.8	32.0	39.0
18	31.0	37.0	43.0	45.0	38.0	40.0	30.0	27.0	54.0	34.0	2.0	4.0	1.1	6.1	SW	NE	-	-	4.5	5.3	32.0	38.0
19	28.0	36.0	42.0	44.0	36.0	40.0	28.0	26.0	53.0	30.0	6.0	2.0	7.6	5.7	SW	SW	-	-	4.1	5.2	30.0	36.0
20	29.0	38.0	41.0	46.0	36.0	40.0	28.0	25.0	53.0	27.0	6.0	6.0	3.0	7.1	SW	SW	-	-	4.2	5.6	31.0	36.0
21	30.0	37.0	41.0	45.0	38.0	40.0	26.0	26.0	36.0	30.0	2.0	4.0	1.4	4.6	SW	NE	-	-	4.0	5.7	31.0	36.0
22	30.0	38.0	42.0	46.0	38.0	40.0	26.0	26.0	36.0	30.0	4.0	-	1.0	6.3	SW	SW	-	-	3.9	6.4	32.0	38.0
23	29.0	38.0	42.0	46.0	38.0	40.0	26.0	26.0	36.0	30.0	4.0	-	1.8	5.7	SW	NE	-	-	3.8	6.1	32.0	37.0
24	31.0	37.0	43.0	45.0	40.0	36.0	28.0	26.0	38.0	43.0	2.0	8.0	2.1	7.0	SW	SW	-	-	4.0	6.0	33.0	35.0
25	29.0	39.0	38.0	46.0	38.0	38.0	28.0	25.0	45.0	32.0	2.0	8.0	1.6	5.2	SW	SW	-	-	3.7	6.2	30.0	37.0
26	29.0	35.0	41.0	44.0	36.0	34.0	28.0	26.0	53.0	51.0	4.0	8.0	2.0	6.7	SW	SE	-	-	3.9	5.5	31.0	35.0
27	26.0	33.0	35.0	41.0	34.0	38.0	24.0	28.0	41.0	45.0	2.0	8.0	5.4	7.4	NE	SW	3.0	-	4.0	4.8	29.0	36.0
28	25.0	34.0	35.0	42.0	32.0	38.0	25.0	28.0	55.0	45.0	2.0	2.0	5.8	4.0	SW	SW	-	-	3.7	5.0	28.0	36.0
29	28.0	35.0	40.0	42.0	36.0	38.0	27.0	27.0	48.0	40.0	2.0	2.0	3.0	5.2	SW	SW	-	-	4.0	5.2	30.0	37.0
30	29.0	35.0	40.0	41.0	34.0	38.0	26.0	26.0	51.0	36.0	4.0	6.0	1.6	9.4	SW	NW	-	-	4.1	5.7	30.0	36.0
31	30.0	39.0	39.0	43.0	34.0	38.0	25.0	25.0	46.0	46.0	2.0	4.5	4.5	4.5	SW	SW	-	-	4.1	4.1	29.0	29.0
Total	886.0	1102.0	1257.0	1349.0	1108.0	1200.0	815.0	784.0	1413.0	975.0	120.0	134.0	97.6	181.3			3.0	0.0	124.4	169.6	938.0	1137.0
Average	28.6	35.5	40.5	43.5	35.7	38.7	26.3	25.3	45.6	31.5	3.9	4.3	3.1	5.8			0.1	0.0			30.3	36.7
	32.1		42.0		37.2		25.8		38.5		4.1		4.5				0.0		294.0		33.5	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

JUNE 2016

	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day LPOPM		40.0		32.0		42.0		-		0.4		ESE		-		4.0		35.0
1	33.0	28.0	29.0	25.0	59.0	53.0	-	-	9.9	9.9	NNE	SSW	-	16.0	1.8	2.8	27.0	26.0
2	28.0	30.0	26.0	28.0	68.0	59.0	-	-	15.9	1.3	SSW	ESE	-	-	1.0	2.8	26.5	27.5
3	29.0	32.0	27.0	28.0	56.0	65.0	-	-	3.6	28.7	ESE	ESE	2.2	-	1.8	3.0	25.0	27.0
4	30.0	31.0	27.5	28.0	59.0	66.0	2.0	14.0	7.5	10.4	SSE	ESE	5.4	-	1.2	2.8	27.0	28.5
5	31.0	37.0	27.5	31.0	62.0	74.0	2.0	4.0	10.3	0.9	SE	NE	-	-	1.4	3.6	28.0	35.0
6	31.0	37.0	27.0	31.0	62.0	67.0	-	-	11.6	2.5	NNE	NE	-	-	2.0	3.8	27.0	33.0
7	31.5	34.0	28.0	29.0	61.0	66.0	-	-	16.4	12.3	SSE	NNW	-	-	1.6	3.0	27.0	32.0
8	32.0	35.0	28.5	30.0	60.0	61.0	-	-	14.6	5.1	SSW	NNE	-	-	1.4	4.0	27.0	32.0
9	30.0	37.0	27.0	32.0	64.0	58.0	26.4	-	23.1	5.5	ENE	ESE	26.4	-	1.2	3.2	26.0	33.0
10	30.0	41.0	27.0	28.0	62.0	51.0	-	-	5.6	0.2	WSW	NNE	-	-	1.2	4.2	26.0	36.0
11	34.0	37.5	29.0	30.0	59.0	41.0	-	8.0	3.3	0.8	ESE	NNE	-	-	1.4	4.2	30.0	35.0
12	32.0	41.0	28.0	40.0	53.0	42.0	-	-	15.6	7.5	NE	ENE	-	-	2.0	4.2	27.0	35.0
13	33.0	39.0	28.0	37.0	51.0	42.0	-	-	3.7	1.2	SSW	ENE	-	-	2.2	4.2	29.0	35.5
14	32.0	37.0	29.0	31.0	56.0	45.0	-	-	4.7	4.2	NW	SSW	-	-	2.0	4.0	29.0	34.0
15	33.0	35.0	28.0	30.0	55.0	52.0	8.0	-	5.9	2.8	SSW	ENE	-	-	2.0	4.0	29.0	33.5
16	32.0	36.0	31.0	35.5	64.0	57.0	-	-	9.2	12.2	SSW	ENE	-	6.2	1.8	3.8	28.0	33.0
17	30.0	30.0	29.0	29.5	62.0	68.0	10.0	-	14.6	13.8	SSW	SSW	-	25.4	1.2	2.2	27.0	28.0
18	29.0	28.0	28.0	27.0	73.0	78.0	-	-	0.9	9.1	WSW	NNE	-	6.2	2.0	1.4	26.0	27.0
19	29.0	31.0	28.0	30.0	72.0	74.0	-	-	10.1	15.4	ENE	SSW	-	-	2.0	0.8	27.0	29.0
20	29.0	33.5	28.0	33.0	77.0	71.0	-	-	16.8	6.3	NNE	SSW	-	-	2.0	2.4	26.0	31.5
21	30.0	36.0	29.0	35.5	75.0	76.0	10.0	-	17.7	2.7	ESE	SSW	-	-	2.0	2.0	26.5	35.0
22	31.0	38.5	30.0	38.0	65.0	66.0	20.0	-	22.3	1.0	ENE	SSW	-	-	1.8	4.0	28.0	35.5
23	31.5	34.0	31.0	33.0	64.0	54.0	10.0	-	16.5	6.1	ENE	ESE	-	-	1.2	2.0	25.0	34.0
24	28.5	37.0	28.0	36.5	67.0	58.0	20.0	-	11.5	8.1	SSE	SSE	17.6	-	1.0	3.2	27.0	33.0
25	30.0	36.5	29.0	36.0	77.0	61.0	12.0	-	8.3	5.5	NNE	NNE	-	-	1.2	2.0	27.0	29.0
26	31.0	30.0	28.0	28.0	69.0	67.0	10.0	-	6.9	10.4	ENE	SSW	-	21.4	2.0	2.0	27.0	29.0
27	28.5	30.0	27.0	28.0	67.0	82.0	8.0	-	1.6	10.0	ENE	SSE	0.4	11.4	1.6	1.6	26.0	30.0
28	29.0	30.0	27.5	28.0	81.0	82.0	20.0	-	2.6	10.6	SSE	SSW	-	3.4	1.0	1.4	26.0	31.0
29	29.0	32.0	28.0	28.0	84.0	70.0	24.0	-	8.9	18.9	SSE	SSW	8.2	-	1.2	2.0	26.0	29.0
30	29.0		27.0		81.0		2.0		16.4		SSW		2.6		1.6		27.0	
Total	916.0	1034.0	845.0	936.0	1965.0	1848.0	184.4	26.0	315.7	224.1			62.8	90.0	47.8	88.6	810.0	952.0
Average	30.5	34.5	28.2	31.2	65.5	61.6	6.1	0.9	10.5	7.5			2.1	3.0			27.0	31.7
	32.5		29.7		63.6		3.5		9.0				2.5		136.4		29.4	

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

JULY 2016

Day	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM	29.0		27.5		82.0		-		13.6		NNW		11.4		1.4			
1	29.0	30.0	27.0	28.0	90.0	89.0	-	-	1.3	10.2	ESE	SSW	3.4	7.6	1.4	2.6	27.0	28.0
2	28.0	28.0	26.0	26.5	81.0	88.0	-	-	13.1	20.4	SSE	SSW	-	24.6	1.2	1.8	26.0	27.0
3	27.0	27.0	26.0	26.0	88.0	84.0	-	-	7.9	19.4	NNW	SSE	29.6	1.0	0.8	2.0	25.0	27.5
4	26.5	29.0	25.5	27.0	90.0	93.0	-	4.0	4.2	4.6	SSW	NNE	14.2	6.2	1.2	2.6	25.0	28.0
5	27.0	28.5	26.0	26.0	93.0	81.0	-	-	3.0	3.2	NNW	NNW	3.0	-	1.0	2.8	25.5	26.5
6	28.0	30.0	27.0	27.0	87.0	77.0	-	-	2.9	5.6	SSW	ESE	-	-	1.4	2.6	26.5	30.0
7	29.0	29.0	27.0	26.0	83.0	77.0	-	4.0	2.1	16.7	SSE	SSE	-	-	1.4	2.8	26.0	27.0
8	27.0	27.0	26.0	26.0	83.0	82.0	-	-	1.2	4.9	SSE	SSE	1.6	3.4	1.4	2.0	26.5	26.5
9	26.5	27.0	25.5	26.0	81.0	86.0	-	-	1.0	7.5	WNW	WNW	4.0	5.4	1.2	2.2	24.5	27.0
10	26.5	27.5	24.5	26.0	89.0	82.0	-	-	0.2	0.1	SSE	SSW	2.2	0.8	1.2	2.4	25.0	26.5
11	26.0	28.0	25.5	26.0	92.0	89.0	-	-	2.7	4.1	ESE	ESE	1.0	1.2	1.4	2.6	24.5	27.0
12	27.5	31.0	26.0	28.0	95.0	78.0	-	-	1.5	2.8	ESE	SSE	-	-	1.4	2.8	25.0	31.0
13	28.0	30.0	26.0	27.0	85.0	79.0	-	-	2.6	1.9	SSE	ESE	-	-	1.2	2.0	26.0	29.0
14	17.0	30.0	26.0	27.5	85.0	83.0	-	-	3.8	8.3	NNE	SSW	29.8	1.2	0.8	1.8	25.0	28.0
15	28.0	29.5	27.0	28.5	85.0	74.0	-	2.0	0.6	5.6	NW	NNE	-	-	1.0	1.8	26.0	30.0
16	27.5	27.5	25.5	26.5	81.0	86.0	-	-	2.7	3.2	ENE	NNW	2.0	13.2	1.0	1.2	25.5	27.0
17	27.0	27.0	25.0	26.0	87.0	82.0	-	-	1.5	2.7	ESE	NNE	2.6	2.8	0.6	2.0	24.0	28.0
18	26.0	28.0	25.0	26.0	89.0	74.0	-	-	1.6	3.5	WSW	SSE	33.2	0.6	0.8	2.0	24.0	30.0
19	28.5	34.0	26.5	29.0	86.0	74.0	-	12.0	0.9	4.3	SSE	ESE	2.2	-	1.6	1.6	26.0	32.0
20	28.5	33.5	26.0	29.5	80.0	74.0	2.0	-	2.6	2.9	ESE	SSE	-	-	1.4	1.6	27.0	34.0
21	29.0	32.0	27.0	28.0	73.0	77.0	-	-	13.5	2.0	NNE	WSW	8.0	-	1.0	1.6	27.0	32.0
22	28.0	28.0	26.5	26.0	81.0	80.0	-	-	0.8	3.1	ENE	ENE	18.4	1.6	0.8	1.4	27.5	29.0
23	28.5	29.0	27.0	27.0	86.0	80.0	-	20.0	3.3	2.9	ESE	ENE	-	3.6	0.6	1.2	26.0	30.0
24	27.0	27.5	25.5	25.5	84.0	79.0	-	2.0	1.2	1.8	SSW	SSW	7.2	0.2	1.2	1.2	25.0	28.5
25	26.0	28.5	25.0	26.5	86.0	84.0	-	-	0.2	2.3	NNE	ENE	-	1.0	1.2	1.2	24.0	27.5
26	27.0	27.0	26.0	26.0	89.0	80.0	-	-	1.4	3.7	ENE	SSE	0.2	1.6	0.8	1.4	25.0	26.5
27	27.0	34.0	26.0	29.5	84.0	72.0	-	-	1.3	2.1	SSW	NNW	-	-	0.8	1.4	26.5	32.0
28	29.5	30.0	27.0	27.0	81.0	72.0	-	-	1.8	3.0	SSE	ENE	-	-	1.0	1.6	27.0	31.0
29	27.5	34.5	26.0	31.5	80.0	71.0	-	-	0.4	2.7	SSE	SSE	-	-	1.2	2.0	27.5	35.0
30	29.5	28.0	27.5	26.0	77.0	76.0	2.0	12.0	0.5	4.8	SSE	NNE	-	6.2	1.0	1.6	27.0	28.0
31	28.0		26.0		94.0		2.0		1.3		SSE		4.2		0.8		26.0	
Total	885.5	909.0	808.5	839.0	2645.0	2485.0	6.0	56.0	82.5	173.8			166.8	93.6	33.8	59.2	798.5	869.5*
Average	27.3	29.3	26.1	27.1	85.3	80.2	0.2	1.8	2.7	5.6			5.4	3.0			25.8	29.0*
	28.3		26.6		82.7		1.0		4.1				4.2		93.0		27.4*	

* : One or more data missing LDePM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

AUG 2016																			
	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)		
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
LPoPM																			
1	28.0	32.5	26.0	28.5	76.0	74.0	4.0	-	2.1	4.8	ESE	SSE	-	-	0.8	1.4	26.0	32.0	
2	27.0	32.0	26.0	28.0	82.0	75.0	-	-	1.8	1.3	ESE	ESE	10.6	-	1.6	1.4	25.0	28.0	
3	27.5	29.0	26.0	28.0	75.0	88.0	-	-	2.4	1.1	SSW	ENE	60.4	2.8	1.8	2.0	25.0	26.0	
4	26.0	27.0	25.0	25.0	84.0	84.0	-	-	4.1	5.1	SSE	SSW	42.0	2.6	1.6	2.2	24.0	26.0	
5	26.0	26.0	25.0	25.0	89.0	92.0	-	-	1.3	0.9	ESE	WNW	13.2	2.0	1.4	2.0	24.0	27.5	
6	26.0	27.5	24.5	25.0	91.0	97.0	-	-	0.2	0.6	SSW	NE	43.8	3.2	1.6	2.2	23.8	29.0	
7	26.5	28.5	25.0	27.5	84.0	98.0	-	-	0.3	0.6	SSW	ENE	0.6	0.6	0.6	1.8	25.5	28.5	
8	27.0	29.0	26.0	28.0	90.0	82.0	-	-	0.3	3.5	NNE	NNW	-	-	0.6	1.2	26.0	26.0	
9	27.0	27.0	26.0	26.0	87.0	82.0	-	2.0	1.2	7.5	SSE	NW	1.2	2.4	0.8	1.2	25.0	26.0	
10	26.0	27.0	24.0	25.0	89.0	88.0	4.0	-	2.9	12.0	SSE	NE	17.6	4.2	1.0	1.2	25.0	24.5	
11	26.0	26.0	25.0	25.0	89.0	90.0	-	10.0	1.3	9.5	ENE	SSW	20.0	75.8	1.0	1.0	24.0	28.0	
12	26.5	30.0	25.5	28.0	89.0	97.0	-	-	1.6	1.1	WSW	SSE	4.0	12.6	1.6	1.2	25.0	28.5	
13	27.0	30.0	26.0	28.0	92.0	89.0	-	-	1.0	2.2	SSE	WSW	31.0	8.8	1.0	1.4	25.0	28.0	
14	28.0	32.0	27.0	29.5	92.0	80.0	-	-	0.2	2.2	SSW	ENE	-	-	1.2	1.8	25.5	26.5	
15	29.0	27.0	27.0	26.0	84.0	86.0	-	2.0	0.9	1.9	ENE	ENE	0.8	25.0	0.8	1.6	26.0	26.0	
16	26.0	27.0	24.0	25.0	86.0	82.0	4.0	4.0	6.8	6.3	SSE	SSE	21.4	-	1.2	1.8	25.0	26.0	
17	26.0	25.5	25.0	24.0	88.0	89.0	10.0	10.0	8.3	18.5	ESE	SSW	0.2	3.2	1.0	1.6	25.0	26.0	
18	25.5	27.0	24.0	25.0	89.0	85.0	-	-	6.3	1.2	SSE	SSW	-	-	1.2	1.8	26.0	26.0	
19	27.0	34.0	25.0	29.0	93.0	71.0	4.0	-	0.2	2.2	ESE	SSE	-	-	1.0	1.8	25.5	35.0	
20	27.5	33.0	26.0	29.5	84.0	85.0	-	-	0.0	2.3	SSW	NNW	-	-	1.2	2.0	26.5	36.0	
21	28.0	33.0	25.5	29.0	77.0	85.0	-	-	0.6	2.7	SSW	ESE	-	-	1.2	1.8	26.0	36.5	
22	27.0	26.5	26.0	25.0	80.0	74.0	-	-	0.7	2.1	SSE	SSE	14.0	29.0	2.0	1.4	25.5	25.5	
23	27.0	33.0	25.0	29.5	83.0	83.0	-	4.0	0.6	0.9	SSE	ENE	12.0	-	0.8	1.4	25.5	35.0	
24	28.0	30.0	27.0	27.5	80.0	72.0	-	-	0.5	2.2	SSE	NW	-	-	1.0	1.8	26.0	30.0	
25	27.5	26.5	26.0	25.0	84.0	77.0	2.0	-	0.5	5.0	ENE	SSW	-	96.0	1.2	1.2	27.0	27.0	
26	27.5	29.5	26.0	27.0	88.0	84.0	-	4.0	0.2	1.1	SSE	W	0.6	7.4	1.2	1.4	25.0	30.0	
27	28.0	31.0	26.0	28.5	86.0	87.0	-	6.0	1.1	2.2	ENE	NNE	-	-	1.2	1.8	27.0	34.0	
28	28.5	31.5	26.5	28.0	86.0	82.0	-	-	1.6	1.0	SSE	W	-	-	1.0	1.8	27.0	33.0	
29	28.0	31.5	26.0	31.0	84.0	67.0	6.0	-	1.0	0.8	ENE	NNE	-	-	1.2	2.0	27.0	36.0	
30	29.0	33.0	27.0	29.0	82.0	67.0	-	-	0.7	1.0	SSE	SSW	-	-	1.4	1.4	27.0	32.5	
31	29.5		27.5		79.0		-	-	1.0		SSE		-	-	1.6		28.5		
Total	843.5	911.0	796.5	841.0	2642.0	2569.0	34.0	42.0	51.8	107.4			293.4	275.6	36.8	50.0	794.3	907.0	
Average	27.2	29.4	25.7	27.1	85.2	82.9	1.1	1.4	1.7	3.5			9.5	8.9			25.6	29.3	
	28.3		26.4		84.0		1.2		2.6				9.2		86.8		27.4		

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

SEP 2016

Day	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM		32.0		29.5		75.0				0.2		NNE				1.4		
1	27.5	28.0	27.0	26.0	83.0	77.0	-	-	3.4	3.8	SSE	SSW	-	14.8	1.2	1.8	26.5	27.0
2	28.0	29.0	26.5	27.0	86.0	85.0	-	-	0.6	1.1	NNE	E	1.4	2.4	0.8	1.8	26.0	31.0
3	28.0	28.5	26.0	26.0	86.0	82.0	-	-	11.1	10.3	ESE	SSE	8.2	0.2	1.2	2.60	28.0	
4	25.0	26.0	23.5	25.0	80.0	87.0	20.0	-	22.3	19.3	SSE	SSE	8.2	12.6	0.8	1.4	26.0	26.0
5	25.8	26.0	24.0	25.0	91.0	84.0	35.0	-	16.1	13.2	SSE	SSW	23.0	-	1.2	1.6	26.5	26.0
6	26.0	27.0	24.0	25.0	91.0	82.0	10.0	6.0	7.6	3.8	SSW	SSE	14.4	1.4	1.0	1.8	24.5	27.0
7	26.5	28.0	24.5	25.0	84.0	77.0	10.0	4.0	8.9	9.8	ENE	SSE	-	-	1.4	1.0	25.0	26.5
8	25.0	26.0	24.0	25.0	82.0	85.0	2.0	-	11.4	13.0	SSW	NNE	-	-	1.2	1.2	24.5	26.0
9	26.0	30.5	24.5	28.0	91.0	86.0	12.0	10.0	3.8	1.2	SSE	ESE	-	-	1.0	1.4	26.0	30.0
10	28.5	29.5	26.0	27.0	89.0	86.0	2.0	-	0.5	1.1	SSE	ENE	-	7.2	1.0	1.6	27.5	32.0
11	28.5	29.0	27.0	27.5	82.0	89.0	6.0	-	2.1	0.9	SSE	SSE	-	1.6	1.2	1.4	27.0	30.0
12	28.0	29.0	26.0	27.0	89.0	87.0	-	-	1.9	1.5	SSE	SSW	-	1.6	0.8	1.0	27.0	28.0
13	28.0	28.5	26.0	26.0	91.0	85.0	-	-	0.5	0.8	SSW	SSW	-	20.2	0.6	0.8	27.0	27.0
14	28.0	28.5	27.0	27.5	92.0	88.0	4.0	-	0.7	1.6	NNE	SSW	3.4	17.8	1.2	1.2	26.0	29.0
15	27.0	28.0	26.0	26.0	90.0	85.0	-	-	0.1	1.6	NNE	SSW	-	6.2	1.0	1.2	26.0	29.0
16	27.0	30.0	26.0	28.0	93.0	82.0	-	-	0.1	0.7	SSW	NNE	-	-	1.0	1.2	26.5	32.0
17	27.5	28.5	26.0	27.0	90.0	87.0	-	-	0.5	1.3	NNE	SSW	-	0.8	1.0	1.6	26.0	30.0
18	28.0	31.0	26.5	28.0	89.0	82.0	-	-	0.4	0.4	SSW	ESE	-	-	1.2	1.6	26.5	32.0
19	28.5	33.0	26.0	29.5	84.0	74.0	-	-	0.4	1.3	ESE	NNW	-	-	1.4	1.4	26.5	34.0
20	29.5	33.0	27.5	29.0	81.0	69.0	4.0	-	0.4	0.9	NNW	SSW	-	-	1.4	1.8	27.0	32.5
21	29.5	29.0	27.0	26.5	78.0	68.0	-	-	3.4	4.8	SSW	NNW	-	0.4	1.2	1.4	27.0	31.0
22	28.5	28.0	26.0	26.5	79.0	76.0	2.0	-	3.4	4.0	SSW	ESE	-	32.4	1.0	1.2	26.0	27.5
23	27.5	28.0	26.0	25.5	86.0	76.0	4.0	12.0	3.0	4.6	SSW	NNW	1.6	-	1.0	1.4	26.0	30.0
24	27.0	28.0	25.5	27.5	84.0	84.0	14.0	-	3.6	4.7	NNE	SSW	2.4	7.0	0.8	1.2	26.0	29.0
25	27.0	29.0	26.0	26.0	88.0	77.0	2.0	8.0	9.8	2.0	SSE	SSW	-	-	1.2	1.4	25.0	30.5
26	27.0	27.5	26.0	26.0	82.0	79.0	-	-	0.1	2.3	NW	NNW	-	10.0	1.2	1.0	26.0	28.0
27	28.0	29.0	27.0	27.0	90.0	84.0	-	-	1.2	2.2	SSE	NNW	3.6	8.6	1.0	1.2	26.0	31.0
28	27.5	29.5	26.0	27.0	86.0	79.0	-	2.0	1.8	2.7	NNW	SSE	-	3.2	1.2	1.2	26.0	30.0
29	27.5	28.5	26.0	26.0	84.0	79.0	-	4.0	8.1	3.1	NNW	NNW	-	1.0	1.0	1.4	26.0	29.5
30	27.5	26.0	26.0	26.0	88.0	88.0	-	-	3.4		SSE		1.2		1.0		26.0	
Total	823.3	865.5	775.5	802.0	2589.0	2436.0	127.0	55.0	130.5	118.1			67.4	67.4	32.2	40.8	784.0	849.5*
Average	27.4	28.9	25.9	26.7	86.3	81.2	4.2	1.8	4.3	3.9			216.8		73.0		26.1	29.3*
	28.1		26.3		83.8		3.0		4.1								27.7*	

* : One or more data missing LDOPM : Last day of previous month

Station Code : EM0000G5

Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

	OCT		2016		Relative Humidity (%)	Wet Bulb Temp. °C	Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)	Wind Direction (16 pts)	Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM																
1	27.0	27.0	25.5	25.5	83.0	83.0	2.0	2.0	3.7	NNW	7.4	17.6	0.8	1.0	26.0	30.0
2	27.5	30.0	26.0	27.0	88.0	82.0	2.0	8.0	1.2	SSE	2.2	-	1.0	1.6	26.0	33.0
3	27.0	28.0	25.0	26.0	84.0	80.0	-	4.0	1.3	ESE	-	5.2	1.0	1.2	25.0	30.0
4	27.0	31.0	25.5	28.0	87.0	77.0	4.0	-	1.8	SSE	-	-	1.2	1.4	25.0	32.5
5	28.5	31.0	26.5	28.5	82.0	79.0	-	-	0.6	ESE	-	-	1.2	1.0	26.0	33.0
6	27.0	31.0	26.0	25.0	81.0	74.0	-	-	6.0	SSE	11.6	-	0.6	1.0	25.0	29.5
7	26.0	28.0	24.0	26.0	80.0	85.0	16.0	-	12.6	SSW	3.6	-	0.8	1.2	24.5	28.0
8	27.0	28.0	26.0	26.5	92.0	75.0	-	-	0.2	SSE	-	-	0.8	1.0	26.0	30.0
9	27.0	29.0	25.5	27.0	91.0	88.0	-	-	0.9	SSW	-	6.6	1.0	1.2	26.0	29.5
10	27.5	28.5	26.0	26.5	86.0	84.0	-	4.0	1.7	ESE	-	-	1.0	0.8	26.0	28.0
11	27.0	27.5	25.0	26.0	91.0	75.0	4.0	20.0	13.3	ESE	-	-	0.8	1.8	25.0	31.5
12	26.0	30.0	24.5	27.0	84.0	76.0	12.0	-	2.1	ESE	-	-	1.2	1.8	24.5	28.0
13	24.0	29.0	22.5	26.5	74.0	69.0	4.0	-	0.7	ESE	-	-	1.4	2.0	22.0	31.0
14	25.5	29.0	23.5	26.0	75.0	67.0	-	-	1.5	SSW	-	-	1.6	2.0	22.0	30.5
15	23.0	29.0	21.0	25.0	70.0	64.0	4.0	2.0	1.9	SSW	-	-	1.4	2.0	20.0	30.0
16	22.5	28.0	20.5	24.5	69.0	67.0	6.0	4.0	0.6	ESE	-	-	1.2	1.8	19.0	30.0
17	23.0	28.0	21.0	24.5	74.0	69.0	4.0	10.0	1.5	ESE	-	-	1.4	2.0	20.0	30.0
18	24.0	28.0	22.0	25.0	72.0	71.0	10.0	4.0	1.8	ESE	-	-	1.4	1.8	21.0	30.0
19	24.5	28.0	22.5	25.0	73.0	70.0	-	-	1.3	SSE	-	-	1.2	1.8	22.5	30.5
20	25.0	28.0	23.0	25.0	74.0	64.0	-	-	1.0	SSW	-	-	1.0	1.6	22.0	29.5
21	23.5	28.5	21.5	24.5	68.0	64.0	-	-	0.6	SSW	-	-	1.0	1.6	21.0	29.5
22	24.0	27.5	22.0	25.0	71.0	67.0	-	4.0	0.8	SSW	-	-	1.0	1.4	21.0	29.0
23	22.0	28.0	21.0	24.0	67.0	66.0	-	11.0	2.1	SSE	-	-	1.0	1.4	20.5	29.0
24	23.2	28.0	21.0	23.0	69.0	65.0	8.0	-	4.4	ESE	-	-	1.2	1.2	20.5	22.0
25	23.0	26.5	21.0	24.5	72.0	62.0	-	8.0	2.1	SSW	-	-	0.8	1.4	19.5	29.0
26	22.0	28.0	20.0	24.0	67.0	71.0	-	-	1.4	ESE	-	-	0.8	1.2	19.0	27.0
27	23.0	27.0	21.5	24.5	74.0	71.0	-	-	2.5	NNW	-	-	1.2	1.2	21.5	28.0
28	26.0	27.0	24.0	25.5	82.0	71.0	4.0	-	0.2	SSE	-	-	0.8	1.0	24.0	30.5
29	25.0	28.5	23.0	25.0	77.0	75.0	-	-	0.2	ESE	-	-	0.8	1.0	23.0	29.0
30	24.0	28.0	22.0	24.0	77.0	62.0	-	-	0.7	ESE	-	-	0.8	1.4	22.0	30.0
31	24.0	21.0	21.0	21.0	70.0	70.0	-	-	0.2	NNW	-	-	1.0	20.5	-	-
Total	775.7	880.5	720.0	789.5	2410.0	2257.0	80.0	81.0	68.2	105.3	24.8	29.4	32.4	44.4	706.0	916.5
Average	25.0	28.4	23.2	25.5	77.7	72.8	2.6	2.6	2.2	3.4	0.8	0.9	76.8	-	22.8	29.6
	26.7		24.3		75.3		2.6		2.8		0.9				26.2	

* : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

NOV 2016

	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C	Relative Humidity (%)		Inst. Wind Speed (kms/hr)	Av. Wind Speed (kms/hr)		Wind Direction (16 pts)	Rainfall (mm)		Pan Evaporation (mm)	Temp - Pan Water (°C)	
	08:30	17:30		08:30	17:30		08:30	17:30		08:30	17:30		08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM														
1	24.0	29.0	21.5	26.0	71.0	70.0	3.4	3.5	SSE	ESE	-	1.0	1.4	30.0
2	25.0	28.5	23.0	25.0	75.0	69.0	0.2	0.2	SSW	SSW	-	1.0	1.4	31.0
3	25.0	26.0	23.0	24.5	74.0	70.0	0.1	3.6	SSW	SSW	0.6	1.0	1.0	22.5
4	24.5	26.0	23.0	24.0	78.0	76.0	1.5	4.0	WNW	SSW	-	0.8	1.2	22.5
5	24.0	17.0	22.5	24.0	78.0	74.0	4.7	8.9	SSE	ESE	-	0.8	1.0	22.5
6	23.5	27.5	21.5	24.0	75.0	72.0	1.2	0.7	SSW	ESE	-	0.6	1.0	21.0
7	20.5	26.0	18.5	22.0	65.0	56.0	4.1	15.7	SSW	SSW	-	0.6	1.0	18.0
8	18.0	24.5	16.5	21.5	64.0	61.0	1.4	2.6	SSW	ESE	-	0.8	1.0	16.0
9	18.5	23.5	17.0	21.0	64.0	62.0	1.2	10.2	SSE	ESE	-	0.8	1.0	16.0
10	18.0	22.5	16.5	20.0	65.0	62.0	0.1	1.6	SSE	ESE	-	0.8	1.0	15.5
11	18.0	23.0	16.0	21.0	65.0	67.0	0.5	14.8	NNE	NNE	-	0.6	1.2	15.0
12	19.0	24.0	16.0	21.5	68.0	67.0	0.2	3.3	NNE	ESE	-	0.8	1.2	17.0
13	19.5	25.0	18.0	23.0	69.0	73.0	0.1	0.4	ESE	NNE	-	1.0	0.6	17.0
14	21.5	26.0	20.5	24.5	71.0	75.0	0.0	0.8	NNE	WSW	-	0.8	1.2	19.0
15	22.0	26.0	20.5	25.0	72.0	75.0	0.1	0.9	SSW	SSW	-	1.0	1.4	20.0
16	23.0	25.0	21.0	23.0	71.0	69.0	0.5	1.6	WSW	SSE	-	1.0	1.2	20.5
17	20.0	23.5	18.0	21.0	62.0	60.0	0.1	0.5	SSE	SSE	-	1.0	1.2	17.0
18	17.5	23.5	16.5	21.0	61.0	58.0	2.4	10.8	ESE	NNE	-	0.8	1.2	15.0
19	17.5	24.0	16.5	22.0	64.0	62.0	1.3	14.9	NNE	ESE	-	0.8	1.0	15.0
20	17.0	23.5	16.0	21.0	63.0	62.0	1.9	11.7	SSE	ESE	-	0.8	1.0	15.0
21	17.0	23.0	16.0	20.0	65.0	60.0	2.0	11.7	WNW	ENE	-	0.8	1.0	15.0
22	17.0	24.0	16.0	21.0	62.0	61.0	0.8	18.4	NNE	SSE	-	0.8	1.2	14.5
23	16.0	24.0	15.0	21.0	61.0	62.0	0.9	7.9	SSE	SSE	-	0.8	1.2	14.5
24	16.5	24.0	15.0	21.0	60.0	60.0	0.5	15.1	SSW	SSW	-	0.8	1.2	15.0
25	17.0	23.5	16.0	20.5	64.0	57.0	3.2	19.1	ESE	ESE	-	0.8	1.2	14.5
26	16.0	23.5	15.0	20.5	60.0	57.0	0.8	14.6	SSE	NNE	-	0.8	1.2	14.5
27	17.0	23.0	16.0	20.0	64.0	57.0	2.8	12.7	SSW	SSW	-	0.6	1.4	14.0
28	17.0	23.5	15.5	21.0	63.0	50.0	0.5	16.8	SSW	SSE	-	0.8	1.2	14.0
29	17.0	23.0	15.5	20.5	62.0	50.0	1.1	11.5	SSW	NNE	-	0.6	1.4	14.0
30	16.5	14.0	14.0	14.0	60.0	60.0	0.6	0.6	NNE	-	-	0.8	0.8	14.0
Total	583.0	733.0	536.0	664.5	1996.0	1918.0	37.9	240.6			0.6	9.2	24.4	750.5
Average	19.4	24.4	17.9	22.2	66.5	63.9	1.3	8.0			0.0	0.3	18.1	25.0
	21.9	20.0			65.2	0.8	4.6			0.2		59.0	21.5	

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* : One or more data missing (DoPM) : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

DEC 2016

	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPdPM		23.0		20.5		66.0		-		0.2	SSW			-		1.4		24.0
1	19.0	24.0	17.5	22.0	71.0	71.0	-	-	1.0	4.0	NNE	ENE	-	-	0.8	1.4	17.0	24.0
2	19.0	25.0	18.0	23.0	73.0	81.0	-	-	0.2	1.2	NNE	SSW	-	-	0.8	1.6	17.0	25.0
3	19.5	26.0	18.0	13.5	73.0	72.0	-	-	0.4	0.2	NNE	SSW	-	-	0.8	1.8	18.0	27.0
4	22.0	26.0	20.0	24.0	74.0	74.0	-	-	0.3	0.3	SSW	SSW	-	-	1.0	1.4	19.0	26.5
5	18.0	24.5	16.5	21.5	64.0	73.0	-	-	0.7	3.7	SSE	NNW	-	-	1.0	1.4	16.0	25.0
6	16.5	24.0	15.0	21.0	65.0	70.0	-	-	0.1	1.1	NNE	SSW	-	-	0.8	1.4	14.5	25.0
7	14.5	23.5	13.0	20.5	57.0	57.0	-	-	0.3	1.9	WNW	WNW	-	-	0.8	1.2	13.0	24.0
8	15.5	23.5	14.0	20.5	62.0	61.0	-	2.0	0.5	9.4	ESE	SSW	-	-	0.8	1.2	13.5	24.0
9	16.0	23.5	14.5	20.5	62.0	62.0	-	2.0	0.4	13.9	WNW	NNE	-	-	0.8	1.2	14.0	24.5
10	16.5	23.0	15.0	20.0	66.0	64.0	-	-	1.8	19.9	NNE	SSW	-	-	0.8	1.2	14.0	25.5
11	16.0	22.0	14.0	20.0	62.0	70.0	-	2.0	0.3	23.2	NNE	SSW	-	-	0.8	1.2	14.0	22.5
12	15.5	22.5	14.0	20.0	60.0	65.0	-	2.0	1.3	9.0	SSW	ESE	-	-	0.8	1.4	14.0	23.5
13	16.5	22.5	15.0	20.5	65.0	66.0	-	-	0.9	0.4	SSE	SSW	-	-	0.8	1.4	15.0	23.5
14	18.0	23.0	16.5	21.0	67.0	62.0	-	-	0.8	0.8	ESE	NNE	-	-	0.8	1.4	16.5	24.0
15	16.0	23.0	15.0	20.0	59.0	56.0	-	-	0.9	0.4	ESE	SSW	-	-	0.6	1.2	15.5	24.0
16	14.0	21.5	13.0	18.5	57.0	55.0	-	-	2.3	18.8	SSE	SSW	-	-	0.6	1.2	12.5	22.5
17	15.0	21.0	13.5	18.0	60.0	58.0	-	-	1.5	3.9	SSW	NNE	-	-	0.8	1.2	12.5	22.0
18	17.5	20.0	15.0	17.5	60.0	59.0	4.0	-	15.8	21.1	NNE	ESE	-	-	0.8	1.2	12.0	22.0
19	13.5	21.0	12.0	18.0	55.0	56.0	-	4.0	0.4	21.8	ESE	ESE	-	-	0.8	1.0	11.0	21.5
20	13.0	21.0	12.0	18.0	61.0	55.0	-	2.0	1.4	13.5	ESE	ESE	-	-	0.6	1.0	11.0	23.0
21	13.0	20.5	11.5	18.5	59.0	56.0	-	-	10.1	13.9	ESE	SSW	-	-	0.6	1.0	11.0	22.0
22	13.0	21.0	11.5	17.5	60.0	52.0	-	-	0.8	18.7	ESE	SSE	-	-	0.6	1.0	11.0	21.5
23	13.0	20.0	12.0	17.0	60.0	52.0	2.0	-	1.1	22.7	NNW	SSE	-	-	0.6	1.0	11.0	21.0
24	13.0	21.0	12.0	18.5	60.0	62.0	-	-	0.4	3.7	SSE	SSE	-	-	0.6	1.2	11.0	22.5
25	15.5	22.0	13.0	19.0	62.0	67.0	-	2.0	0.8	1.8	SSE	ENE	-	-	0.8	1.2	12.0	24.0
26	15.0	23.0	13.5	20.0	63.0	66.0	-	-	0.3	20.4	SSW	SSE	-	-	0.8	1.2	13.0	24.0
27	15.5	21.5	14.0	19.0	63.0	65.0	-	2.0	1.3	12.8	SSW	SSE	-	-	0.8	1.0	13.5	23.5
28	14.5	24.0	13.0	21.5	62.0	71.0	2.0	2.0	3.1	5.1	SSE	ESE	-	-	0.8	1.0	13.0	23.0
29	15.0	21.5	13.5	19.0	64.0	70.0	-	-	0.5	4.9	SSW	ESE	-	-	0.8	1.0	13.5	23.0
30	15.5	22.0	14.0	19.0	65.0	70.0	-	-	0.2	5.5	SSE	ESE	-	-	0.8	1.2	14.0	23.5
31	16.0		15.0		69.0		-	-	0.2		ESE		-	-	0.8		14.0	
Total	490.5	700.0	444.5	607.5	1960.0	1984.0	8.0	20.0	49.6	278.4			0.0	0.0	23.8	38.2	427.0	731.0
Average	15.8	22.6	14.3	19.6	63.2	64.0	0.3	0.6	1.6	9.0			0.0	0.0			13.8	23.6
	19.2		17.0		63.6		0.5		5.3				0.0		62.0		18.7	

Station Code : EM000GS
Local River/Basin : Mahanadi

Twice Daily Climatic Data

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

JAN 2017

Dry Bulb Temp. (°C)				Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
Day	08:30	17:30	22:5	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Lp-PM																			
1	19.0	23.5	18.0	21.5	19.5	75.0	77.0	-	-	3.5	3.5	NNW	SSW	-	-	0.8	1.2	17.0	23.0
2	18.0	24.0	17.0	21.0	17.0	72.0	69.0	-	-	0.4	3.1	SSE	E	-	-	0.8	1.2	16.5	26.0
3	19.5	23.0	18.0	21.0	18.0	80.0	75.0	-	4.0	6.7	8.3	E	SSE	26.0	-	0.6	1.4	17.0	25.0
4	17.5	23.5	16.0	21.5	17.0	71.0	70.0	-	-	0.2	5.9	NNW	SSE	-	-	0.6	1.4	16.0	25.0
5	15.5	22.0	14.0	20.0	15.0	65.0	72.0	-	-	0.2	16.6	SSE	SSW	-	-	0.6	1.2	13.5	24.0
6	14.5	22.0	13.5	19.5	13.5	62.0	60.0	-	-	0.5	0.7	SSW	E	-	-	0.6	1.2	12.5	24.0
7	15.0	21.0	13.5	19.0	11.0	64.0	64.0	-	-	0.4	0.3	E	E	-	-	0.6	1.2	12.5	24.5
8	15.0	22.0	13.5	20.0	60.0	65.0	65.0	-	-	0.3	0.3	E	E	-	-	0.8	1.0	13.0	25.0
9	16.5	22.0	13.5	20.0	19.5	64.0	61.0	-	2.0	0.5	0.8	E	W	-	-	0.8	1.0	13.0	25.0
10	16.0	22.0	14.0	19.0	61.0	64.0	64.0	-	2.0	0.5	4.1	E	E	-	-	0.8	1.0	13.0	24.0
11	16.5	21.0	15.0	19.0	69.0	70.0	70.0	-	-	1.5	5.0	E	NNE	-	-	0.6	1.0	15.5	23.0
12	16.5	22.5	14.0	20.0	66.0	73.0	70.0	-	2.0	0.5	7.1	NNE	SSW	-	-	0.8	1.0	14.0	23.6
13	16.0	22.0	14.5	20.0	67.0	70.0	70.0	-	-	1.4	7.6	SSE	SSE	-	-	0.8	1.0	15.0	23.0
14	15.0	21.5	13.5	19.0	64.0	61.0	61.0	-	-	0.5	10.3	E	E	-	-	0.8	1.2	13.5	24.0
15	14.5	21.0	13.5	18.5	60.0	62.0	62.0	-	-	0.9	13.7	E	SSE	-	-	0.8	1.2	12.0	23.0
16	13.5	21.5	12.0	18.5	61.0	55.0	55.0	-	4.0	0.6	19.5	SSE	E	-	-	0.8	1.4	11.0	23.0
17	14.5	22.5	12.5	19.5	63.0	60.0	60.0	-	6.0	0.7	10.5	NNE	SSE	-	-	0.8	1.6	12.0	24.0
18	15.0	23.0	14.0	20.0	61.0	61.0	61.0	-	-	0.3	0.9	SSE	NNW	-	-	0.8	1.6	13.0	24.5
19	15.5	23.0	14.0	21.0	62.0	58.0	58.0	-	-	0.2	1.0	NNW	E	-	-	0.8	1.6	13.5	25.0
20	15.0	23.5	14.0	23.0	60.0	59.0	59.0	-	2.0	1.0	2.7	E	E	-	-	1.0	1.6	13.0	25.0
21	15.5	24.5	14.5	24.5	60.0	65.0	65.0	-	-	0.6	1.4	E	E	-	-	1.0	1.4	13.0	25.5
22	17.0	25.5	16.0	21.5	62.0	61.0	61.0	-	2.0	0.5	2.9	SSW	E	-	-	1.2	1.8	15.0	27.0
23	16.0	24.0	14.5	21.0	60.0	51.0	51.0	-	4.0	2.0	19.1	E	E	-	-	1.4	1.6	14.0	26.0
24	16.0	24.0	14.0	21.0	57.0	56.0	56.0	-	-	0.6	2.5	E	E	-	-	1.4	1.6	13.5	26.0
25	16.0	24.0	14.5	21.0	60.0	60.0	60.0	-	-	0.7	1.8	E	E	-	-	1.4	1.6	13.5	26.0
26	18.0	24.5	16.5	21.0	65.0	57.0	57.0	-	-	0.5	1.4	E	SSW	-	-	1.4	1.6	13.5	25.0
27	5.9	24.5	18.0	20.5	71.0	61.0	61.0	2.0	2.0	3.2	6.2	SSW	NNW	-	-	1.0	1.6	17.0	23.5
28	17.0	25.5	15.5	21.0	66.0	58.0	58.0	2.0	4.0	2.0	17.5	NNW	E	-	-	1.0	1.8	14.5	25.0
29	24.0	16.0	20.0	20.0	65.0	48.0	48.0	2.0	2.0	1.0	4.2	E	E	-	-	1.2	1.6	15.0	27.0
30	15.0	24.5	13.5	20.5	56.0	50.0	50.0	-	2.0	0.9	1.4	E	E	-	-	1.0	1.6	12.5	26.5
31	15.5	14.0	14.0	14.0	57.0	57.0	57.0	-	-	0.6	0.6	E	E	-	-	1.2	1.2	13.0	13.0
Total	470.4 *	714.0	456.5	632.0	1983.0	1947.0	1947.0	6.0	40.0	30.9	184.7			26.0	0.0	28.2	42.4	431.0	767.6
Average	15.7 *	23.0	14.7	20.4	64.0	62.8	62.8	0.2	1.3	1.0	6.0			0.8	0.0			13.9	24.8
	19.4 *		17.6		63.4			0.7		3.5				0.4		70.6		19.3	

• : One or more data missing LDoPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

FEB 2017

	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C	Relative Humidity (%)		Inst. Wind Speed (kms/hr)	Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPoPM	25.0	25.0	21.0	44.0	-	2.0	1.0	1.0	NNW	-	-	-	1.8	1.8	26.5	26.5
1	16.0	25.0	14.5	52.0	59.0	-	0.8	1.1	NNE	SSW	-	-	1.2	1.8	13.0	27.0
2	20.0	27.0	19.0	61.0	70.0	-	1.4	5.1	SSE	E	-	-	1.0	1.8	17.5	28.5
3	18.0	26.5	17.0	65.0	65.0	2.0	0.7	6.6	E	SSE	-	-	1.2	1.8	17.0	28.0
4	17.5	25.5	16.0	61.0	51.0	-	1.7	4.9	SSE	E	-	-	1.2	1.8	15.0	27.0
5	16.0	26.5	14.5	57.0	49.0	-	1.2	4.3	SSW	SSE	-	-	1.2	1.8	14.5	27.0
6	16.5	26.5	15.0	50.0	50.0	-	0.8	1.9	SSE	SSW	-	-	1.2	1.8	13.5	27.0
7	17.0	27.0	15.0	53.0	57.0	4.0	8.1	18.4	SSW	SSW	-	-	1.2	1.8	14.5	27.5
8	17.0	26.5	15.0	45.0	57.0	-	3.3	11.2	SSW	E	-	-	1.4	2.0	14.0	27.0
9	18.0	26.5	16.0	61.0	47.0	-	1.1	11.9	E	E	-	-	1.4	2.0	15.5	27.0
10	17.5	27.0	15.0	55.0	52.0	2.0	1.4	1.2	SSW	E	-	-	1.6	2.0	15.5	28.0
11	18.5	29.0	16.5	58.0	50.0	-	2.6	1.6	SSE	SSW	-	-	1.4	2.0	15.5	28.0
12	19.0	27.5	17.0	61.0	52.0	-	4.2	3.3	W	NNW	-	-	1.4	1.8	15.5	27.5
13	20.5	27.5	19.0	62.0	52.0	4.0	3.3	3.3	E	NNE	-	-	1.6	2.0	17.0	27.0
14	19.0	27.0	17.0	61.0	55.0	-	0.2	0.6	NNW	E	-	-	1.6	2.0	16.5	28.0
15	19.5	27.0	18.0	62.0	47.0	-	2.9	0.4	SSW	SSW	-	-	1.6	2.0	16.0	28.0
16	18.5	27.0	16.0	55.0	45.0	-	1.1	8.9	NNW	E	-	-	1.4	2.0	15.0	27.5
17	18.0	28.0	15.5	49.0	42.0	2.0	2.0	1.6	9.2	NNW	E	-	1.4	2.0	14.5	28.0
18	19.5	28.0	17.0	55.0	47.0	-	4.0	1.3	0.8	E	SSW	-	1.6	2.0	15.8	28.5
19	19.0	30.5	17.5	53.0	45.0	-	3.4	5.1	NNW	NNE	-	-	1.6	2.2	16.5	28.5
20	19.0	30.5	17.5	54.0	35.0	-	3.0	5.8	E	SSW	-	-	1.6	2.2	16.5	28.5
21	18.5	32.0	16.0	49.0	44.0	-	1.3	0.7	E	SSW	-	-	1.6	2.2	15.0	28.5
22	23.0	31.0	21.5	64.0	47.0	-	2.5	0.8	W	E	-	-	1.6	2.4	19.5	31.0
23	23.0	31.0	21.5	63.0	38.0	-	3.0	1.6	E	SSE	-	-	1.6	2.4	20.0	30.0
24	22.5	29.5	20.0	54.0	34.0	-	2.3	5.2	SSE	E	-	-	1.6	2.4	18.5	29.0
25	20.0	30.0	18.0	52.0	25.0	-	2.2	17.5	E	E	-	-	1.6	2.4	16.5	28.0
26	17.5	30.0	14.5	45.0	30.0	-	6.0	3.3	7.9	E	-	-	1.4	2.4	12.5	28.5
27	18.0	30.0	15.0	48.0	30.0	-	8.0	2.2	3.3	E	N	-	1.4	2.4	14.0	29.0
28	19.5	17.0	17.0	51.0	51.0	-	1.7	1.7	E	E	-	-	1.4	1.4	16.0	16.0
Total	526.0	786.5	471.0	662.5	1595.0	14.0	62.4	143.8			0.0	0.0	40.0	57.2	440.8	784.0
Average	18.8	28.1	16.8	23.7	57.0	1.6	2.2	5.1			0.0	0.0			15.7	28.0
	23.4		20.2		51.2	1.0	3.7				0.0		97.2		21.9	

* : One or more data missing LDoPM : Last day of previous month

277

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

MAR 2017

Day	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPM	31.0	31.0	24.5	24.5	31.0	31.0	6.0	6.0	8.1	8.1	NNW	NNW	-	-	2.4	2.4	28.0	28.0
1	19.0	31.5	17.0	25.5	51.0	32.0	2.0	-	2.3	4.5	NNW	ENE	-	-	1.4	2.4	15.0	29.5
2	21.5	31.5	19.0	25.5	55.0	32.0	-	-	2.1	0.7	ESE	SSW	-	-	1.6	2.4	17.0	29.5
3	21.5	34.0	18.5	27.0	48.0	37.0	-	-	3.0	0.7	NE	SSW	-	-	1.6	2.4	16.5	29.0
4	21.5	31.5	18.5	26.0	49.0	44.0	-	4.0	5.7	1.8	NNW	SSW	-	-	1.6	2.4	16.5	29.0
5	23.0	33.0	21.0	27.5	59.0	44.0	8.0	-	4.2	0.9	ENE	ESE	-	-	1.8	2.4	19.8	29.5
6	26.0	32.5	23.0	28.0	65.0	46.0	-	-	4.5	14.7	ESE	NNE	-	-	2.0	2.4	23.0	29.5
7	25.0	27.5	23.0	24.0	62.0	55.0	4.0	20.0	4.8	11.1	NNW	ESE	-	-	2.0	2.6	21.8	27.0
8	24.0	29.0	23.0	26.0	70.0	61.0	2.0	4.0	18.4	11.4	SSE	NNW	2.4	-	1.4	2.4	24.0	28.0
9	25.0	30.0	23.0	27.0	72.0	56.0	4.0	4.0	12.8	3.1	NNE	SSW	-	-	1.4	2.6	24.5	29.0
10	25.0	25.0	23.0	23.0	67.0	65.0	-	-	8.5	0.1	SSE	NNE	-	9.6	1.6	1.4	22.0	25.0
11	25.5	28.5	23.0	25.5	74.0	56.0	-	-	3.9	6.1	WNW	ESE	3.6	-	1.6	1.8	21.5	25.0
12	26.0	29.5	23.5	26.0	76.0	41.0	2.0	4.0	7.9	2.9	SSE	ESE	-	-	1.6	1.8	23.0	25.5
13	22.5	31.0	19.0	25.0	51.0	42.0	-	2.0	3.9	17.9	SSE	WNW	-	-	1.6	2.2	18.0	26.0
14	23.0	31.0	20.0	26.0	55.0	47.0	-	8.0	12.1	3.9	SSW	NNE	-	-	2.2	2.4	19.5	27.0
15	25.0	33.0	23.0	27.0	70.0	34.0	-	-	9.4	1.7	SSE	SSE	-	-	2.2	2.6	21.5	31.0
16	24.0	33.0	21.0	27.0	55.0	30.0	-	-	4.9	8.2	ESE	SSW	-	-	2.2	2.6	19.5	31.0
17	21.0	33.0	18.0	27.0	44.0	35.0	-	-	2.0	0.9	SSW	ESE	-	-	2.0	2.6	19.5	31.5
18	23.0	34.0	23.0	27.0	60.0	35.0	-	-	7.3	1.7	NNW	NNE	-	-	2.0	2.6	23.0	31.0
19	26.5	29.5	19.0	25.0	47.0	51.0	-	15.0	2.9	10.0	ESE	SSE	-	-	2.2	1.2	22.0	28.0
20	26.0	33.0	23.0	26.0	57.0	33.0	4.0	2.0	14.0	5.2	ENE	NNE	-	-	2.0	2.2	21.8	30.0
21	23.0	34.0	22.0	27.0	64.0	30.0	-	8.0	6.5	1.7	SSE	NNW	-	-	2.0	2.4	22.5	30.5
22	23.0	34.0	19.0	27.0	42.0	22.0	2.0	2.0	3.5	1.0	ESE	SSW	-	-	1.8	2.4	18.0	30.5
23	25.0	36.0	20.0	19.5	46.0	22.0	2.0	-	2.1	2.1	SSW	SE	-	-	2.0	2.6	20.0	31.0
24	25.0	36.5	21.0	29.0	47.0	30.0	-	8.0	3.5	0.2	SSE	NNE	-	-	2.0	2.8	20.0	32.0
25	27.0	38.0	24.0	30.0	59.0	27.0	-	20.0	7.4	1.2	SSE	SE	-	-	2.0	2.8	22.5	33.0
26	29.0	36.5	23.0	30.0	54.0	42.0	2.0	20.0	2.7	9.4	SSW	NNE	-	-	2.0	3.0	23.0	32.5
27	29.0	37.0	26.5	31.0	61.0	36.0	-	4.0	3.7	0.8	SSE	NNW	-	-	2.2	3.2	24.0	33.0
28	29.0	38.0	26.0	30.5	62.0	30.0	-	2.0	4.5	0.1	SSW	SSE	-	-	2.2	3.0	25.5	32.5
29	28.5	37.5	25.5	30.0	52.0	31.0	-	4.0	1.8	5.5	SSW	NNW	-	-	2.0	3.2	25.5	32.0
30	29.0	39.5	26.0	30.5	51.0	20.0	-	4.0	1.5	0.1	SSW	NNW	-	-	2.2	3.4	25.0	33.0
31	28.0	25.0	25.0	25.0	55.0	55.0	2.0	2.1	2.1	-	NNW	-	-	-	2.0	2.0	26.0	-
Total	769.5	1019.0	679.5	830.0	1780.0	1197.0	34.0	141.0	173.5	137.9	-	-	6.0	9.6	58.4	76.6	661.4	919.0
Average	24.8	32.9	21.9	26.8	57.4	38.6	1.1	4.5	5.6	4.4	-	-	0.2	0.3	21.3	24.3	29.6	29.6
	28.8		24.3		48.0		2.8		5.0				0.3		135.0		25.5	

Twice Daily Climatic Data

Station Code : EM0000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

APRIL 2017

Day	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C		Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)		Wind Direction (16 pts)		Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)	
	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30
LPOPM																		
1	29.0	39.0	31.5	32.0	60.0	31.0	2.0	4.0	5.0	2.2	ESE	SSE	-	-	2.0	3.2	26.5	33.5
2	31.0	38.5	28.0	31.0	62.0	31.0	4.0	12.0	1.0	11.1	NNE	ESE	-	-	2.2	3.2	28.0	33.5
3	30.0	38.5	26.0	31.5	42.0	36.0	2.0	2.0	13.7	2.5	NNW	SSW	1.0	-	1.4	3.2	27.0	30.0
4	30.0	38.5	26.0	31.0	52.0	32.0	2.0	-	3.4	1.0	SSW	ESE	-	-	1.8	3.2	26.0	30.0
5	30.5	37.5	27.0	32.0	57.0	45.0	4.0	6.0	7.2	2.3	ESE	SSE	-	-	1.8	3.4	26.0	34.0
6	30.5	35.0	27.0	30.0	55.0	54.0	2.0	8.0	9.6	10.8	NNE	SSW	-	-	2.0	3.8	28.0	32.5
7	30.5	38.0	27.0	31.0	62.0	41.0	2.0	4.0	2.0	1.9	SSE	NNE	-	-	2.4	4.0	27.5	33.0
8	30.5	38.5	27.5	31.5	66.0	39.0	4.0	20.0	10.1	2.3	ESE	NNW	-	-	2.2	4.8	28.5	34.0
9	30.5	40.0	28.0	32.0	60.0	35.0	2.0	8.0	9.1	0.2	NNE	NNW	-	-	2.4	4.8	29.0	33.0
10	30.5	39.5	27.5	30.0	59.0	20.0	-	2.0	6.4	0.9	ESE	ESE	-	-	2.4	4.8	29.0	33.0
11	30.0	39.0	27.0	29.5	53.0	10.0	2.0	2.0	2.0	0.9	ENE	SSE	-	-	2.2	4.8	27.0	31.0
12	28.0	38.0	24.0	29.0	45.0	15.0	-	-	4.4	1.1	ENE	ENE	-	-	2.4	4.8	26.0	31.5
13	30.0	39.5	26.0	30.0	48.0	12.0	2.0	6.0	0.9	11.7	SE	SSE	-	-	2.2	5.0	27.0	33.0
14	28.5	39.0	25.0	30.5	48.0	22.0	4.0	18.0	14.9	4.9	NNE	NNE	-	-	2.4	5.0	26.0	33.0
15	29.0	39.0	25.0	31.0	50.0	34.0	2.0	24.0	27.6	3.6	NNW	SSE	-	-	2.8	5.0	26.0	34.0
16	30.0	39.0	26.5	32.5	51.0	42.0	-	6.0	45.1	3.2	NNW	WSW	-	-	3.0	4.4	29.0	34.0
17	30.5	37.5	27.5	32.0	59.0	49.0	2.0	4.0	27.3	2.1	ESE	WSW	-	-	3.0	4.4	28.0	34.0
18	32.0	39.0	28.5	33.0	56.0	45.0	-	20.0	0.3	53.3	SSW	NNW	-	-	3.0	4.6	30.0	34.0
19	31.5	33.0	28.0	27.5	56.0	42.0	45.0	4.0	22.2	7.6	SSW	ENE	-	-	2.0	3.0	30.0	35.0
20	29.5	39.0	25.0	33.0	50.0	41.0	2.0	4.0	13.6	16.2	NNE	ESE	-	-	2.2	4.6	26.0	30.5
21	30.5	42.5	27.0	33.0	52.0	19.0	2.0	6.0	9.5	0.3	ESE	ESE	-	-	2.4	4.8	28.0	34.5
22	32.5	42.0	29.0	32.5	57.0	18.0	2.0	2.0	9.2	1.2	SSE	ESE	-	-	2.6	5.0	29.5	34.5
23	32.5	41.5	29.0	38.0	55.0	15.0	2.0	-	3.3	7.4	NNW	SSE	-	-	2.6	5.0	28.5	36.0
24	32.5	42.5	31.0	32.5	54.0	10.0	-	-	5.5	1.1	SSE	SSE	-	-	2.6	5.0	29.0	36.0
25	31.5	42.5	25.0	32.5	32.0	10.0	2.0	-	7.9	2.0	ESE	SSW	-	-	2.8	5.0	24.5	36.5
26	31.0	42.0	25.0	32.0	30.0	12.0	-	-	5.3	1.0	SSW	NNW	-	-	2.8	5.0	25.0	36.5
27	31.0	42.0	26.0	32.0	43.0	10.0	-	2.0	1.1	9.5	SSW	ESE	-	-	2.8	5.0	26.0	36.0
28	32.0	42.0	27.0	32.0	45.0	10.0	-	-	5.6	0.1	ESE	ENE	-	-	2.8	5.0	26.0	36.5
29	31.0	39.0	28.0	31.0	54.0	24.0	2.0	10.0	9.6	2.3	SSE	ESE	-	-	2.8	5.0	27.5	36.0
30	32.0		27.0		47.0		-		6.8		NNW		-	-	2.6		27.5	
Total	918.5	1182.0	807.0	947.0	1560.0	836.0	93.0	194.0	289.4	164.9			1.0	5.4	73.6	131.2	822.0	1012.5
Average	30.6	39.4	26.9	31.6	52.0	27.9	3.1	6.5	9.6	5.5			0.0	0.2			27.4	33.8
	35.0		29.2		39.9		4.8		7.6				0.1		204.8		30.6	

* : One or more data missing LDOPM : Last day of previous month

Twice Daily Climatic Data

Station Code : EM000G5

Local River/Basin : Mahanadi

Station Name : TIKARAPARA
Sub-Division : LMSD,CWC,Bhubaneswar

MAY 2017

Day	Dry Bulb Temp. (°C)		Wet Bulb Temp. °C	Relative Humidity (%)		Inst. Wind Speed (kms/hr)		Av. Wind Speed (kms/hr)	Wind Direction (16 pts)	Rainfall (mm)		Pan Evaporation (mm)		Temp - Pan Water (°C)				
	08:30	17:30		08:30	17:30	08:30	17:30			08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	
Day	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30	08:30	17:30		
1	33.0	33.5	29.0	27.5	50.0	35.0	-	10.0	ENE	SSE	-	-	2.8	5.0	28.0	33.5		
2	30.0	31.5	25.0	29.0	45.0	30.0	2.0	8.0	ENE	SSW	-	-	2.2	5.0	26.5	36.5		
3	31.0	38.0	28.0	30.0	53.0	30.0	8.0	25.6	1.2	ENE	NNE	-	2.2	5.0	28.5	36.0		
4	31.5	41.0	28.0	33.0	56.0	30.0	2.0	15.0	2.0	ENE	ENE	-	2.2	5.0	28.5	38.0		
5	32.0	37.0	28.5	30.0	50.0	32.0	2.0	30.0	7.8	2.2	ENE	ENE	2.2	5.0	29.0	35.0		
6	32.0	36.0	27.0	30.0	42.0	36.0	2.0	6.0	7.3	2.4	ENE	NNE	2.2	5.0	28.5	34.5		
7	31.0	38.5	26.5	31.0	45.0	30.0	4.0	2.0	17.0	3.9	ENE	ENE	2.2	4.8	28.0	36.0		
8	32.0	37.0	28.0	29.5	46.0	25.0	2.0	4.0	3.1	5.4	ENE	ENE	2.4	5.0	28.0	29.5		
9	32.0	36.5	28.0	29.5	51.0	38.0	2.0	2.0	17.7	2.1	ENE	SSE	2.2	4.8	28.0	35.0		
10	32.0	36.0	27.0	29.0	41.0	34.0	2.0	4.0	20.3	3.2	ENE	NNW	2.2	4.8	28.5	35.0		
11	32.0	33.0	28.5	29.0	57.0	40.0	2.0	2.0	10.2	3.1	ENE	WNW	2.4	4.6	29.0	34.0		
12	31.5	39.0	27.5	31.0	52.0	35.0	-	-	8.7	11.1	ENE	SSE	2.2	5.0	28.5	37.0		
13	32.0	42.0	27.5	34.0	47.0	31.0	2.0	4.0	8.5	0.7	ENE	SSE	2.2	5.0	28.5	38.0		
14	33.0	42.5	29.0	34.0	50.0	25.0	-	2.0	16.2	0.3	SSE	ENE	2.4	5.0	30.0	38.5		
15	33.5	44.5	30.0	35.5	56.0	26.0	-	-	16.8	3.6	SSW	SSE	2.6	5.0	32.0	39.0		
16	34.0	41.0	31.0	34.0	54.0	39.0	-	4.0	14.6	8.9	ENE	NNW	-	2.8	5.0	32.5	39.5	
17	34.0	41.0	31.0	35.0	56.0	40.0	-	-	11.7	2.5	SSW	ENE	-	0.2	2.6	5.0	32.0	39.0
18	34.0	30.5	31.0	28.0	59.0	52.0	-	4.0	21.4	7.0	NNW	SSE	10.6	2.6	4.2	32.5	33.0	
19	30.0	38.0	27.0	32.0	58.0	47.0	-	-	23.3	0.7	SSE	NNE	3.6	2.2	4.0	26.5	38.0	
20	31.0	37.0	28.0	30.0	50.0	53.0	-	-	7.2	0.3	ENE	ENE	-	2.4	4.2	28.5	36.0	
21	31.5	42.0	27.5	33.0	49.0	34.0	-	-	11.6	0.2	WNW	NNW	-	2.6	5.0	28.5	39.5	
22	33.5	41.5	30.5	29.5	57.0	34.0	-	4.0	15.7	2.9	ENE	NNW	-	3.0	5.0	30.5	38.5	
23	32.5	32.0	29.0	28.0	58.0	49.0	-	2.0	5.5	11.6	ENE	SSW	10.6	3.0	4.6	30.5	33.0	
24	32.0	27.0	29.0	25.5	64.0	60.0	-	-	12.8	15.9	ENE	ENE	56.6	1.8	3.6	31.0	28.0	
25	28.5	37.5	25.5	31.0	65.0	51.0	-	2.0	12.2	0.4	ENE	SSE	1.4	4.0	26.5	37.5		
26	31.5	33.5	28.5	30.0	67.0	57.0	-	4.0	26.1	0.9	NNE	ENE	-	2.4	3.8	30.0	36.5	
27	28.5	31.0	26.0	28.5	66.0	54.0	-	2.0	16.2	0.7	NNW	NNW	27.4	1.2	3.2	26.5	37.5	
28	30.0	38.5	26.5	31.5	60.0	46.0	2.0	-	13.5	0.2	ENE	ENE	-	2.6	4.6	29.0	39.0	
29	30.5	39.5	27.0	32.5	59.0	42.0	-	-	5.3	0.3	NNE	SSE	-	2.6	4.6	28.5	39.0	
30	32.0	40.5	27.5	32.5	55.0	37.0	-	-	0.2	2.9	SSW	SSE	-	2.8	4.8	29.0	39.0	
31	32.0	-	28.0	-	55.0	-	-	1.3	-	-	ENE	-	2.6	-	30.0	-		
Total	984.0	1154.5	870.5	954.5	1673.0	1210.0	32.0	399.8	111.2	-	-	-	31.0	78.0	73.2	144.6	901.5	1123.5
Average	31.7	37.2	28.1	30.8	54.0	39.0	1.0	12.9	3.6	-	-	-	1.0	2.5	29.1	36.2	-	-
	34.5	-	29.4	-	46.5	-	2.2	8.2	-	-	-	-	1.8	-	-	32.7	-	-

FLOOD FORECASTING SITES

Daily Rainfall Data

Station Code :009B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Kelo

Station Name :KELO AT RAIGARH
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	-	6.2	1.6	-	-	-	-	-	-	-
2	-	26.4	57.0	2.8	-	-	-	-	-	-	-	-
3	-	16.6	106.8	35.2	-	-	-	5.8	-	-	-	-
4	-	25.8	93.4	67.8	-	-	-	-	-	-	-	-
5	-	6.2	13.2	16.4	-	-	-	-	-	-	-	-
6	-	28.8	174.6	5.8	-	-	-	-	-	-	-	-
7	-	-	63.2	3.6	7.0	-	-	-	-	-	-	-
8	-	10.2	3.0	9.0	8.6	-	-	-	-	-	-	-
9	-	-	-	-	6.6	-	-	-	-	-	-	-
10	0.6	1.4	36.6	85.2	19.6	-	-	-	-	14.6	-	-
11	-	3.4	39.6	19.4	-	-	-	-	-	-	-	-
12	-	6.8	-	1.8	-	-	-	-	-	-	-	-
13	-	1.2	1.2	1.4	-	-	-	-	-	-	-	-
14	-	2.0	23.6	5.4	-	-	-	-	-	-	-	-
15	5.8	18.6	15.4	28.4	-	-	-	-	-	-	-	-
16	3.8	5.4	15.6	1.2	-	-	-	-	-	-	-	-
17	1.2	15.0	5.2	-	-	-	-	-	-	-	-	-
18	1.2	38.2	3.2	-	-	-	-	-	-	-	-	-
19	-	0.6	-	-	-	-	-	-	-	-	-	-
20	-	-	-	5.4	-	-	-	-	-	-	-	-
21	-	48.8	-	-	-	-	-	-	-	-	-	-
22	-	-	-	1.8	-	-	-	-	-	-	-	-
23	-	-	15.6	3.0	-	-	-	-	-	-	-	-
24	66.8	4.8	23.2	6.2	-	-	-	-	-	-	-	-
25	-	-	0.6	-	-	-	-	-	-	-	-	-
26	-	3.0	55.0	0.8	-	-	-	-	-	-	-	-
27	5.4	20.8	19.0	-	-	-	-	-	-	-	-	-
28	-	0.6	0.8	-	-	-	-	-	-	-	-	0.6
29	1.2	0.6	-	11.8	-	-	-	-	*****	-	-	-
30	-	-	1.4	1.0	-	-	-	-	*****	-	-	-
31	*****	62.8	0.8	*****	-	*****	-	-	*****	-	*****	-
Total	86.0	348.0	768.0	319.6	43.4	0.0	0.0	5.8	0.0	14.6	0.0	0.6
Rainy Days	8	23	23	22	5	0	0	1	0	1	0	1
Maximum	66.8	62.8	174.6	85.2	19.6	0.0	0.0	5.8	0.0	14.6	0.0	0.6
Annual Rainfall									1586.0			

Daily Rainfall Data

Station Code :004B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Bheden

Station Name :PARMANPUR
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	0.4	-	1.4	0.4	-	-	-	-	-	-	-
2	2.2	-	52.2	4.0	-	-	-	-	-	-	-	-
3	-	7.6	10.8	33.0	-	-	-	15.0	-	-	0.8	-
4	-	11.8	38.4	19.0	-	-	-	-	-	-	-	-
5	-	0.8	20.4	4.8	-	1.2	-	-	-	-	-	-
6	-	36.4	32.0	18.8	1.4	-	-	-	-	-	-	-
7	-	3.4	38.6	2.0	3.4	-	-	-	-	-	-	1.8
8	31.6	6.2	0.6	2.4	9.2	-	-	-	-	1.0	-	-
9	4.2	0.4	-	3.4	-	-	-	-	-	-	-	-
10	-	4.6	28.8	7.0	4.8	-	-	-	-	5.0	-	-
11	-	11.8	38.0	16.4	18.6	-	-	-	-	-	-	-
12	-	0.4	1.4	-	-	-	-	-	-	-	-	1.0
13	3.4	1.4	0.2	22.0	-	-	-	-	-	-	-	-
14	2.8	2.6	19.8	-	-	-	-	-	-	-	-	-
15	0.2	9.2	7.2	4.2	-	-	-	-	-	-	-	-
16	0.4	6.4	51.2	-	-	-	-	-	-	-	-	-
17	-	24.0	4.2	-	-	-	-	-	-	-	-	-
18	0.8	5.4	5.4	1.8	-	-	-	-	-	-	-	-
19	15.0	0.4	0.4	-	-	-	-	-	-	-	-	10.8
20	-	-	-	-	-	-	-	-	-	-	-	0.6
21	-	1.2	-	-	-	-	-	-	-	-	-	-
22	0.4	-	-	-	-	-	-	-	-	-	-	-
23	-	2.0	32.0	6.2	-	-	-	-	-	-	-	-
24	34.4	-	14.8	3.4	-	-	-	-	-	-	-	-
25	0.4	-	15.0	10.8	-	-	-	-	-	-	-	-
26	1.6	0.6	0.6	2.6	-	-	-	-	-	-	-	-
27	0.2	75.2	-	-	-	-	-	-	-	-	-	7.4
28	0.2	-	-	-	-	-	-	-	-	-	-	10.2
29	0.2	-	2.8	-	-	-	-	-	.....	-	-	-
30	-	2.8	4.4	0.2	-	-	-	-	.....	-	-	-
31	.....	2.6	1.6	.....	-	.....	-	-	.....	-	.....	-
Total	98.0	217.6	420.8	163.4	37.8	1.2	0.0	15.0	0.0	6.0	0.8	31.8
Rainy Days	16	24	24	19	6	1	0	1	0	2	1	6
Maximum	34.4	75.2	52.2	33.0	18.6	1.2	0.0	15.0	0.0	5.0	0.8	10.8
Annual Rainfall									992.4			

Daily Rainfall Data

Station Code :ALIPINGAL
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Devi

Station Name :ALIPINGAL
 Sub-Division :Bhubaneswar

Year : 2016

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	22.0	63.4	6.0	0.2	-	-	-	-	-	-	-
2	-	35.2	6.6	1.8	5.2	-	-	-	-	-	-	-
3	4.4	52.4	3.2	-	-	-	-	-	-	-	-	-
4	0.2	0.4	21.2	35.2	5.2	16.0	-	-	-	-	-	-
5	16.2	0.4	26.6	80.8	-	63.6	-	-	-	-	-	-
6	0.2	3.4	2.4	4.2	4.6	-	-	-	-	-	-	-
7	24.2	33.0	4.8	5.8	101.0	-	-	-	-	-	-	1.2
8	0.2	33.2	-	0.2	7.4	-	-	-	-	28.6	-	-
9	-	6.0	18.2	-	4.0	-	-	-	-	9.8	-	-
10	-	0.2	28.8	-	17.6	-	-	-	-	-	-	-
11	-	-	2.6	-	2.4	-	-	-	-	12.8	-	-
12	-	1.2	0.2	-	-	-	-	-	-	0.4	-	-
13	-	0.6	-	2.0	-	-	-	-	-	-	-	-
14	0.2	-	-	5.6	-	-	-	-	-	-	-	1.2
15	0.2	-	15.6	11.4	-	-	-	-	-	-	-	-
16	41.0	28.6	4.4	0.8	-	-	-	-	-	-	-	-
17	7.2	0.4	70.6	0.2	-	-	-	-	-	-	1.8	-
18	9.0	4.4	18.6	-	-	-	-	-	-	-	-	-
19	2.4	0.4	-	31.6	-	-	-	-	-	-	-	-
20	5.8	-	-	-	-	-	-	-	-	-	-	-
21	-	-	-	8.6	-	-	-	-	-	-	-	-
22	-	1.4	8.6	10.6	-	-	-	-	-	-	-	-
23	-	1.6	1.4	5.2	-	-	-	-	-	-	-	-
24	-	20.8	-	43.0	-	-	-	-	-	-	-	-
25	-	15.0	0.2	32.2	-	-	-	-	-	-	-	-
26	13.6	30.8	0.2	16.0	-	-	-	-	-	-	-	-
27	25.4	6.8	11.6	1.4	9.4	-	-	-	-	-	-	-
28	1.2	-	-	46.0	-	-	-	-	-	-	-	18.4
29	7.8	-	-	5.6	-	-	-	-	.....	-	-	-
30	4.8	28.0	-	22.4	-	-	-	-	.....	-	-	-
31	.....	-	46.2	.....	-	.....	-	-	.....	-	.....	-
Total	164.0	326.2	355.4	376.6	157.0	79.6	0.0	0.0	0.0	51.6	1.8	20.8
Rainy Days	18	23	21	23	10	2	0	0	0	4	1	3
Maximum	41.0	52.4	70.6	80.8	101.0	63.6	0.0	0.0	0.0	28.6	1.8	18.4
Annual Rainfall									1533.0			

Daily Rainfall Data

Station Code : ARAMPUR
 Parameter Code : MPS(Rainfall - SRG in mm)
 Local River/Basin : Sindolijhar

Station Name : ARAMPUR
 Sub-Division : Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	2.6	0.4	15.4	5.0	-	-	-	-	-	-	-
2	2.4	6.2	24.0	4.2	18.6	-	-	-	-	-	-	-
3	4.8	34.2	11.6	-	-	-	-	35.0	-	-	-	-
4	22.2	3.0	98.8	18.8	0.4	12.2	-	-	-	-	-	-
5	23.8	16.4	36.2	34.0	-	-	-	-	-	-	-	-
6	18.2	1.2	63.0	13.6	30.2	-	-	-	-	-	-	-
7	18.2	3.0	11.8	2.0	15.0	-	-	-	-	-	-	-
8	18.2	11.0	1.8	0.8	1.6	-	-	-	-	6.2	-	-
9	39.4	5.0	-	7.0	35.2	-	-	-	-	0.4	-	-
10	28.8	8.8	24.8	-	1.8	-	-	-	-	-	-	7.2
11	28.8	12.6	30.4	91.0	4.4	-	-	-	-	11.2	-	-
12	28.8	1.2	42.6	1.6	-	-	-	-	-	-	-	-
13	28.8	0.4	8.4	6.6	-	-	-	-	-	-	-	-
14	28.8	17.6	0.6	0.6	-	-	-	-	-	-	-	-
15	28.8	5.0	2.4	2.0	-	-	-	-	-	-	-	-
16	28.8	2.6	17.2	2.8	-	-	-	-	-	-	-	-
17	28.8	4.8	0.2	-	-	-	-	-	-	-	-	-
18	65.6	11.6	2.6	0.4	-	-	-	-	-	-	-	-
19	48.4	4.8	-	-	-	-	-	-	-	-	-	10.2
20	49.4	0.2	-	-	-	-	-	-	-	-	-	-
21	48.6	1.6	-	-	-	-	-	-	-	-	-	-
22	51.0	20.4	-	21.8	-	-	-	-	-	-	-	-
23	49.8	0.2	8.6	11.4	-	-	-	-	-	-	-	-
24	72.6	-	-	5.0	-	-	-	-	-	-	-	-
25	61.2	-	-	1.4	-	-	-	-	-	-	-	-
26	61.2	9.6	26.4	-	-	-	-	-	-	-	-	28.4
27	61.2	0.4	3.2	-	-	-	-	-	-	-	-	11.0
28	84.8	-	24.6	-	-	-	-	-	-	-	-	-
29	101.0	15.8	-	-	-	-	-	-	.....	-	-	-
30	97.4	-	-	0.4	-	-	-	-	.....	-	-	-
31	.....	-	-	.....	-	.....	-	-	.....	-	.....	-
Total	1229.8	200.2	439.6	240.8	112.2	12.2	0.0	35.0	0.0	17.8	0.0	56.8
Rainy Days	29	26	21	20	9	1	0	1	0	3	0	4
Maximum	101.0	34.2	98.8	91.0	35.2	12.2	0.0	35.0	0.0	11.2	0.0	28.4
Annual Rainfall	2344.4											

Daily Rainfall Data

Station Code :001A
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Hasdeo

Station Name :Bangodam
 Sub-Division :Middle Mahanadi Sub Dn.Raipur

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	29.8	0.6	-	-	-	-	-	-	-	-	-
2	-	-	9.0	-	-	-	-	1.2	-	-	-	-
3	-	4.6	40.2	..	-	-	-	-	-	-	-	-
4	-	8.0	33.2	..	-	-	-	-	-	-	-	-
5	-	1.2	63.0	..	10.0	-	-	-	-	-	-	-
6	-	20.8	12.0	..	7.4	-	-	-	-	-	-	-
7	20.6	3.2	36.0	..	6.4	-	-	-	-	-	-	-
8	1.4	1.4	4.8	..	-	-	-	-	-	-	-	-
9	-	-	-	..	3.4	-	-	-	-	-	-	-
10	7.8	1.8	12.8	..	-	-	-	1.4	-	-	-	-
11	-	-	32.0	..	-	-	-	-	-	-	-	-
12	-	1.0	37.0	..	-	-	-	-	3.4	-	-	-
13	-	1.2	14.4	..	-	-	-	-	-	-	-	-
14	-	14.4	-	..	-	-	-	-	-	-	-	-
15	4.4	9.4	16.6	..	-	-	-	-	-	-	-	-
16	-	25.2	-	..	-	-	-	-	-	-	-	-
17	-	28.2	9.2	..	-	-	-	-	-	-	-	-
18	-	10.6	15.6	..	-	-	-	-	-	-	-	-
19	-	1.2	3.0	..	-	-	-	-	-	-	-	-
20	7.4	25.6	-	..	-	-	-	-	-	-	-	-
21	-	2.6	-	..	-	-	-	-	-	-	-	-
22	-	2.2	2.8	..	-	-	-	-	-	-	-	-
23	-	2.2	14.6	..	-	-	-	-	-	-	-	-
24	3.8	10.0	3.4	..	-	-	-	-	-	-	-	-
25	28.0	-	-	..	-	-	-	-	-	-	-	-
26	2.6	23.6	3.2	..	-	-	-	-	-	-	-	-
27	-	7.6	5.2	..	-	-	-	-	-	-	-	19.8
28	8.2	7.2	-	..	-	-	-	-	-	-	-	-
29	-	-	-	..	-	-	-	-	.....	-	-	-
30	-	0.4	-	..	-	-	-	-	.....	-	-	-
31	.....	27.0	9.4	.....	-	.....	-	-	.....	-	.....	3.8
Total	84.2	270.4	378.0	0.0	27.2	0.0	0.0	2.6	3.4	0.0	0.0	23.6
Rainy Days	9	26	22	0	4	0	0	2	1	0	0	2
Maximum	28.0	29.8	63.0	0.0	10.0	0.0	0.0	1.4	3.4	0.0	0.0	19.8
Annual Rainfall	789.4											

Daily Rainfall Data

Station Code :0012B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :DEOGAON
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	22.6	-	0.8	-	-	-	-	..	-	-	-
2	-	-	25.2	22.0	-	-	-	-	..	-	-	-
3	-	20.6	26.0	98.2	-	-	-	7.4	..	-	-	-
4	-	1.8	43.0	218.4	-	-	-	-	..	-	-	-
5	-	3.8	57.8	32.2	4.0	-	-	-	..	-	-	-
6	-	12.0	34.8	1.0	0.4	-	-	-	..	-	-	-
7	-	2.0	24.0	-	46.0	-	-	-	..	-	-	7.2
8	-	9.8	-	7.6	0.4	-	-	-	..	9.0	-	-
9	-	1.8	-	1.8	-	-	-	-	..	-	-	-
10	-	10.8	2.0	11.4	-	-	-	-	..	6.8	-	-
11	-	0.6	28.4	0.6	-	-	-	-	..	1.0	-	-
12	-	1.6	10.6	7.6	-	-	-	-	..	-	-	-
13	-	-	-	16.8	-	-	-	-	..	-	-	-
14	-	2.6	23.0	1.0	-	-	-	-	..	-	-	-
15	-	6.6	1.2	5.2	-	-	-	-	..	-	-	-
16	6.2	-	46.4	1.0	-	-	-	-	..	-	-	-
17	-	10.6	2.6	-	-	-	-	-	..	-	-	-
18	9.8	5.4	0.8	2.8	-	-	-	-	..	-	-	-
19	12.0	27.2	-	1.6	-	-	-	-	..	-	-	32.4
20	-	-	-	1.2	-	-	-	-	..	-	-	-
21	-	4.2	-	6.2	-	-	-	-	..	-	-	-
22	-	4.2	-	15.2	-	-	-	-	..	-	-	-
23	-	2.2	-	1.2	-	-	-	-	..	-	-	-
24	18.2	-	3.8	12.2	-	-	-	-	..	-	-	-
25	6.4	-	-	-	-	-	-	-	..	-	-	-
26	-	23.2	2.2	2.6	-	-	-	-	..	-	-	-
27	-	6.8	4.8	-	-	-	-	-	..	-	-	1.6
28	13.6	6.8	0.8	-	-	-	-	-	..	-	-	-
29	5.8	-	-	5.8	-	-	-	-	.....	-	-	-
30	-	-	1.8	2.6	-	-	-	-	.....	-	-	-
31	.....	-	5.4	.....	-	.....	-	-	.....	-	.....	-
Total	72.0	187.2	344.6	477.0	50.8	0.0	0.0	7.4	0.0	16.8	0.0	41.2
Rainy Days	7	22	20	25	4	0	0	1	0	3	0	3
Maximum	18.2	27.2	57.8	218.4	46.0	0.0	0.0	7.4	0.0	9.0	0.0	32.4
Annual Rainfall									1197.0			

Daily Rainfall Data

Station Code :002B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mand

Station Name :DHARAMJAIGARH
 Sub-Division :Burla

Year : 2016

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	4.6	-	0.8	-	-	-	-	-	-	-
2	-	4.6	-	-	-	-	-	-	-	-	-	-
3	8.4	36.4	15.6	24.8	-	-	-	-	-	-	-	-
4	0.4	91.0	31.4	13.0	-	-	-	-	-	-	-	-
5	-	56.0	14.8	-	-	-	-	-	-	-	-	-
6	-	109.8	47.2	-	-	-	-	-	-	-	-	-
7	6.6	27.0	97.2	6.2	-	-	-	-	-	-	-	-
8	-	1.6	4.4	10.6	10.4	-	-	-	-	-	-	-
9	-	-	25.0	-	2.8	-	-	-	-	0.8	-	-
10	-	8.8	9.4	0.8	-	-	-	0.6	-	-	-	-
11	-	-	1.8	7.6	-	-	-	-	-	2.8	-	-
12	-	2.4	27.4	25.0	-	-	-	-	-	-	-	-
13	-	-	19.4	-	-	-	-	-	-	-	-	-
14	-	-	1.2	0.8	-	-	-	-	-	-	-	-
15	-	12.2	16.2	1.2	-	-	-	-	-	-	-	-
16	-	35.8	4.4	-	-	-	-	-	-	-	-	-
17	5.2	27.8	-	14.0	-	-	-	-	-	-	-	-
18	-	19.0	5.6	9.0	-	-	-	-	-	-	-	-
19	-	-	5.0	-	-	-	-	-	-	-	-	-
20	2.6	52.4	-	0.4	-	-	-	-	-	-	-	-
21	-	2.4	-	9.0	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	36.0	8.4	1.2	-	-	-	-	-	-	-	-
24	26.4	5.8	14.8	-	-	-	-	-	-	-	-	-
25	18.4	-	-	0.8	-	-	-	-	-	-	-	-
26	2.4	12.0	4.0	10.2	-	-	-	-	-	-	-	-
27	-	21.2	4.4	2.4	-	-	-	-	-	-	-	-
28	1.2	1.6	-	23.2	-	-	-	-	-	-	-	19.4
29	-	-	-	9.8	-	-	-	-	.....	-	-	17.4
30	-	3.8	47.6	-	-	-	-	-	.....	-	-	-
31	.....	4.6	-	.....	-	.....	-	-	.....	-	.....	-
Total	71.6	572.2	409.8	170.0	14.0	0.0	0.0	0.6	0.0	3.6	0.0	36.8
Rainy Days	9	22	22	19	3	0	0	1	0	2	0	2
Maximum	26.4	109.8	97.2	25.0	10.4	0.0	0.0	0.6	0.0	2.8	0.0	19.4
Annual Rainfall									1278.6			

Daily Rainfall Data

Station Code :008B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :JAMADARPALI
 Sub-Division :Burla

Year : 2016

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	-	2.0	-	-	-	-	-	-	-	-
2	-	1.0	62.0	10.6	-	-	-	-	-	-	-	-
3	-	3.4	66.6	23.4	6.2	-	-	12.4	-	-	2.4	-
4	-	11.2	159.2	146.4	-	-	-	-	-	-	-	-
5	-	15.8	85.2	16.4	-	-	-	-	-	-	-	-
6	-	16.0	60.6	21.8	-	-	-	-	-	-	-	-
7	-	4.8	15.8	1.8	40.6	-	-	-	-	-	-	-
8	20.4	6.4	2.6	2.6	17.6	-	-	-	-	2.8	-	-
9	13.4	4.2	-	1.2	-	-	-	-	-	-	-	-
10	1.6	2.8	16.0	12.6	8.4	-	-	-	-	9.8	-	-
11	-	7.2	15.0	-	-	-	-	-	-	-	-	-
12	-	-	-	7.0	-	-	-	-	-	-	-	-
13	-	3.2	-	11.2	-	-	-	-	-	-	-	-
14	-	4.0	11.2	0.8	-	-	-	-	-	-	-	-
15	3.4	26.6	7.2	6.6	-	-	-	-	-	-	-	-
16	1.2	12.6	29.4	0.6	-	-	-	-	-	-	-	-
17	7.2	29.2	-	-	-	-	-	-	-	-	-	-
18	-	6.0	16.0	-	-	-	-	-	-	1.4	-	-
19	9.2	-	19.2	1.4	-	-	-	-	-	-	-	25.4
20	-	-	-	-	-	-	-	-	-	0.4	-	-
21	-	-	-	9.6	-	-	-	-	-	-	-	-
22	-	2.6	-	14.4	-	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-	-	-	-	-	-
24	63.0	-	11.8	-	-	-	-	-	-	-	-	-
25	6.0	1.4	1.6	-	-	-	-	-	-	-	-	-
26	-	71.4	2.0	-	-	-	-	-	-	-	-	-
27	-	27.0	-	-	-	-	-	0.6	-	-	-	-
28	-	-	3.4	-	-	-	-	-	-	-	-	-
29	-	-	-	2.0	-	-	-	-	.....	-	-	-
30	-	-	-	1.4	-	-	-	-	.....	-	-	-
31	.....	78.8	-	.....	-	.....	-	-	.....	-	.....	-
Total	125.4	335.6	584.8	293.8	72.8	0.0	0.0	13.0	0.0	14.4	2.4	25.4
Rainy Days	9	21	18	20	4	0	0	2	0	4	1	1
Maximum	63.0	78.8	159.2	146.4	40.6	0.0	0.0	12.4	0.0	9.8	2.4	25.4
Annual Rainfall	1467.6											

Daily Rainfall Data

Station Code :007B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :KHAIRMAL
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	1.0	-	-	-	-	-	-	-	-	-	-
2	-	2.4	42.4	2.6	-	-	-	-	-	-	-	-
3	-	24.4	9.4	8.4	-	-	-	-	-	-	-	-
4	-	6.2	53.8	69.0	4.2	-	-	-	-	-	-	-
5	-	11.8	89.6	79.6	7.6	-	-	-	-	-	-	-
6	-	1.2	23.2	14.4	3.2	-	-	-	-	-	-	1.2
7	-	1.2	8.2	-	-	-	-	-	-	-	-	4.2
8	-	14.4	-	6.2	-	-	-	-	-	1.2	-	-
9	-	5.0	8.0	22.0	2.2	-	-	-	-	0.2	-	-
10	-	23.8	36.6	-	-	-	-	-	-	6.8	-	-
11	3.0	2.2	16.0	2.0	-	-	-	-	-	-	-	-
12	-	0.2	29.0	-	-	-	-	-	-	-	-	-
13	-	-	6.0	-	-	-	-	-	-	-	-	-
14	-	10.8	2.0	-	-	-	-	-	-	-	-	-
15	-	-	2.6	-	-	-	-	-	-	-	-	-
16	1.2	3.4	81.6	-	-	-	-	-	-	-	-	-
17	5.8	17.2	26.0	-	-	-	-	-	-	-	-	-
18	-	10.6	0.4	-	-	-	-	-	-	-	-	-
19	-	0.4	-	-	-	-	-	-	-	-	-	-
20	-	47.0	-	-	-	-	-	-	-	-	-	-
21	-	1.4	-	-	-	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-	-	-	-	-	-
23	-	0.2	0.8	3.2	-	-	-	-	-	-	-	-
24	12.0	22.0	81.8	2.4	-	-	-	-	-	-	-	-
25	36.0	-	-	-	-	-	-	-	-	-	-	-
26	-	4.6	10.2	0.4	-	-	-	-	-	-	-	-
27	9.2	19.0	-	9.6	-	-	-	-	-	-	-	0.4
28	7.4	17.0	-	-	-	-	-	-	-	-	-	-
29	-	0.8	-	8.8	-	-	-	-	.....	-	-	-
30	1.0	-	-	2.4	-	-	-	-	.....	-	-	-
31	.....	-	-	.....	-	.....	-	-	.....	-	.....	-
Total	75.6	248.2	527.6	231.0	17.2	0.0	0.0	0.0	0.0	8.2	0.0	5.8
Rainy Days	8	25	19	14	4	0	0	0	0	3	0	3
Maximum	36.0	47.0	89.6	79.6	7.6	0.0	0.0	0.0	0.0	6.8	0.0	4.2
Annual Rainfall									1113.6			

Daily Rainfall Data

Station Code :KHANDAPARA
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Kusumi

Station Name :KHANDAPARA
 Sub-Division :Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	33.4	40.0	2.8	9.4	-	-	-	-	-	-	-
2	-	-	7.2	0.2	0.2	-	-	-	-	-	-	-
3	-	18.4	0.4	24.4	5.2	-	-	-	-	-	-	-
4	-	-	12.0	11.6	-	0.6	-	-	-	-	-	-
5	-	-	10.8	20.8	-	-	-	-	-	-	-	6.6
6	-	-	34.6	0.4	16.0	-	-	-	-	-	-	-
7	-	-	-	-	1.0	-	-	-	-	-	-	-
8	-	58.0	4.8	-	4.8	-	-	-	-	6.8	-	-
9	-	3.8	4.2	-	2.8	-	-	-	-	3.8	-	-
10	-	0.4	5.2	-	27.6	-	-	-	-	31.6	-	-
11	-	5.8	10.4	-	12.4	-	-	-	-	29.2	-	-
12	-	12.0	1.4	0.4	-	-	-	-	-	-	-	-
13	-	1.8	1.0	11.4	-	-	-	-	-	-	-	-
14	-	1.2	0.8	73.6	-	-	-	-	-	-	-	-
15	-	1.6	0.8	36.8	-	-	-	-	-	-	-	-
16	-	19.2	7.6	6.0	-	-	-	-	-	-	-	-
17	-	-	-	9.2	-	-	-	-	-	-	-	-
18	-	19.8	-	1.0	-	-	-	-	-	-	-	20.0
19	-	9.4	13.0	33.2	-	-	-	-	-	-	-	-
20	9.8	0.4	7.2	-	-	-	-	-	-	-	9.6	-
21	-	-	-	14.8	-	-	-	-	-	-	-	-
22	-	13.0	58.4	22.6	-	-	-	-	-	-	-	11.8
23	-	11.4	4.6	25.2	-	-	-	-	-	-	-	-
24	-	70.8	-	8.2	-	-	-	-	-	-	-	10.2
25	3.6	23.6	-	1.6	-	-	-	-	-	-	-	-
26	-	-	-	0.2	-	-	-	-	-	-	-	1.4
27	5.4	-	17.0	-	13.0	-	-	-	-	-	-	-
28	4.0	-	-	0.6	-	-	-	-	-	-	-	-
29	3.4	-	2.4	2.4	-	-	-	-	.....	-	-	-
30	4.2	9.0	7.4	0.6	-	-	-	-	.....	-	-	-
31	.....	0.4	-	.....	-	.....	-	-	.....	-	.....	-
Total	30.4	313.4	251.2	308.0	92.4	0.6	0.0	0.0	0.0	71.4	9.6	50.0
Rainy Days	6	20	22	23	10	1	0	0	0	4	1	5
Maximum	9.8	70.8	58.4	73.6	27.6	0.6	0.0	0.0	0.0	31.6	9.6	20.0
Annual Rainfall									1127.0			

Daily Rainfall Data

Station Code :002A
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Hasdeo

Station Name :Korba
 Sub-Division :Raipur

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	12.6	14.2	-	-	-	-	-	-	-	-
2	-	36.8	14.0	0.8	-	-	-	-	-	-	-	-
3	-	10.6	41.2	38.6	-	-	-	17.4	-	-	-	-
4	-	31.0	39.2	47.4	-	-	-	-	-	-	-	-
5	-	9.4	73.0	-	9.2	-	-	-	-	-	-	-
6	-	25.8	8.8	4.6	7.0	-	-	-	-	-	-	-
7	-	2.6	25.4	0.6	59.8	-	-	-	-	-	-	-
8	2.4	7.8	-	-	9.6	-	-	-	-	-	-	-
9	-	4.0	-	-	-	-	-	-	-	7.2	-	-
10	2.6	11.0	10.8	22.4	-	-	-	4.8	-	13.6	-	-
11	3.6	0.6	23.0	2.2	1.4	-	-	-	-	-	-	-
12	-	0.4	17.2	18.6	-	-	-	-	-	-	-	-
13	-	0.6	33.8	-	-	-	-	-	-	-	-	-
14	-	2.8	7.4	0.8	-	-	-	-	-	-	-	-
15	-	4.6	-	-	-	-	-	-	-	-	-	-
16	0.8	57.6	1.2	-	-	-	-	-	-	-	-	-
17	-	25.0	65.0	-	-	-	-	-	-	-	-	-
18	-	45.0	8.6	2.4	-	-	-	-	-	-	-	-
19	-	5.0	-	14.8	-	-	-	-	-	-	-	-
20	2.4	6.2	-	49.6	-	-	-	-	-	-	-	0.4
21	-	0.8	-	-	-	-	-	-	-	-	-	1.4
22	-	2.8	2.2	5.4	-	-	-	-	-	-	-	-
23	-	4.6	2.4	-	-	-	-	-	-	-	-	-
24	-	1.8	31.2	0.8	-	-	-	-	-	-	-	-
25	13.4	-	3.2	1.2	-	-	-	-	-	-	-	-
26	1.2	57.4	28.8	55.4	-	-	-	-	-	-	-	-
27	18.6	16.6	4.2	57.6	-	-	-	-	-	-	-	-
28	5.4	2.2	1.4	61.8	-	-	-	-	-	-	-	-
29	-	3.8	0.4	-	-	-	-	-	-	-	-	-
30	-	-	-	-	-	-	-	-	-	-	-	-
31	*****	35.4	20.0	*****	-	*****	-	-	*****	-	*****	-
Total	50.4	412.2	475.0	399.2	87.0	0.0	0.0	22.2	0.0	20.8	0.0	1.8
Rainy Days	9	28	24	19	5	0	0	2	0	2	0	2
Maximum	18.6	57.6	73.0	61.8	59.8	0.0	0.0	17.4	0.0	13.6	0.0	1.4
Annual Rainfall									1468.6			

Daily Rainfall Data

Station Code :00108
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Bheden

Station Name :MOHULPALI
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	..	-	-	1.4	-	-	-	-	-	-	-
2	-	..	52.4	-	14.4	-	-	-	-	-	-	-
3	4.0	..	1.6	52.2	-	-	-	-	-	-	-	-
4	1.6	..	75.2	82.8	-	-	-	-	-	-	-	-
5	-	..	19.6	12.4	-	-	-	-	-	-	-	-
6	-	..	37.8	10.0	17.2	-	-	-	-	-	-	-
7	-	..	4.6	5.0	23.0	-	-	-	-	-	-	-
8	10.0	..	6.2	16.0	2.6	-	-	-	-	1.2	-	-
9	0.8	..	-	14.6	-	-	-	-	-	-	-	-
10	14.4	..	1.0	64.0	1.0	-	-	-	-	8.0	-	9.0
11	-	..	8.6	27.8	-	-	-	-	-	-	-	-
12	-	..	4.6	0.8	-	-	-	-	-	-	-	0.4
13	1.0	..	-	-	-	-	-	-	-	-	-	-
14	3.4	..	10.2	-	-	-	-	-	-	-	-	-
15	-	..	1.8	21.8	-	-	-	-	-	-	-	-
16	9.6	..	31.6	1.2	-	-	-	-	-	-	-	-
17	0.6	..	7.6	8.6	-	-	-	-	-	-	-	-
18	-	..	19.0	1.0	-	-	-	-	-	1.0	-	-
19	-	..	0.6	6.6	-	-	-	-	-	-	-	15.2
20	-	..	-	3.0	-	-	-	-	-	-	-	2.0
21	-	..	4.0	3.8	-	-	-	-	-	-	-	-
22	1.6	..	1.2	0.4	-	-	-	-	-	-	-	-
23	0.6	..	16.6	0.6	-	-	-	-	-	-	-	-
24	-	..	9.2	21.4	-	-	-	-	-	-	-	-
25	5.8	..	17.8	-	-	-	-	-	-	-	-	-
26	-	..	21.6	7.2	-	-	-	-	-	-	-	-
27	0.6	..	3.2	-	-	-	-	-	-	-	-	2.8
28	-	..	-	-	-	-	-	-	-	-	-	-
29	3.0	..	-	14.6	-	-	-	-	*****	-	-	-
30	-	..	-	5.4	-	-	-	-	*****	-	-	-
31	*****	..	-	*****	-	*****	-	-	*****	-	*****	-
Total	57.0	0.0	356.0	381.2	59.6	0.0	0.0	0.0	0.0	10.2	0.0	29.4
Rainy Days	14	0	23	23	6	0	0	0	0	3	0	5
Maximum	14.4	0.0	75.2	82.8	23.0	0.0	0.0	0.0	0.0	8.0	0.0	15.2
Annual Rainfall									893.4			

Daily Rainfall Data

Station Code :NIMAPARA
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Kushabhadra

Station Name :NIMAPARA
 Sub-Division :Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	1.2	75.2	18.0	-	..	-	-	-	-	-	-
2	8.0	58.6	8.4	0.2	-	..	-	-	-	-	-	-
3	12.6	41.8	20.0	-	12.2	..	-	-	-	-	-	-
4	49.4	-	128.6	44.6	2.2	..	-	-	-	-	-	-
5	1.2	-	41.6	49.0	-	..	-	-	-	-	-	-
6	-	-	7.2	3.8	0.4	..	-	-	-	-	-	-
7	-	-	11.0	22.2	35.0	..	-	-	-	-	-	-
8	8.8	23.2	0.6	0.4	11.0	..	-	-	-	38.0	-	-
9	15.2	2.0	15.0	-	27.8	..	-	-	-	25.6	-	-
10	-	-	16.2	-	4.6	..	-	-	-	-	-	0.8
11	-	-	3.6	-	16.0	..	-	-	-	12.2	-	-
12	-	2.8	-	-	-	..	-	-	-	19.2	-	-
13	-	1.6	-	31.8	-	..	-	-	-	-	-	-
14	29.8	-	-	6.6	-	..	-	-	-	-	-	4.4
15	-	-	0.4	8.6	-	..	-	-	-	-	-	-
16	6.8	36.2	11.6	3.6	-	..	-	-	-	-	-	-
17	2.6	-	39.0	-	-	..	-	-	-	-	32.6	-
18	23.8	-	2.6	1.0	-	..	-	-	-	-	-	-
19	3.8	22.2	-	3.2	-	..	-	-	-	-	-	5.0
20	14.8	-	-	0.4	-	..	-	-	-	-	5.2	-
21	-	-	-	2.6	-	..	-	-	-	-	-	-
22	-	0.8	7.2	1.8	-	..	-	-	-	-	-	-
23	-	9.4	5.0	1.8	-	..	-	-	-	-	-	-
24	-	19.2	-	52.2	-	..	-	-	-	-	-	-
25	-	18.2	7.0	21.2	-	..	-	-	-	-	-	-
26	0.6	38.8	6.6	7.8	-	..	-	-	-	-	-	-
27	5.8	36.0	34.4	11.8	1.2	..	-	-	-	-	-	-
28	-	-	-	5.2	-	..	-	-	-	-	-	14.2
29	8.2	-	-	37.8	-	..	-	-	.....	-	-	-
30	5.6	-	9.0	0.6	-	..	-	-	.....	-	-	-
31	.....	23.2	27.2	.....	-	.....	-	-	.....	-	.....	-
Total	197.0	335.2	477.4	336.2	110.4	0.0	0.0	0.0	0.0	95.0	37.8	24.4
Rainy Days	16	16	22	24	9	0	0	0	0	4	2	4
Maximum	49.4	58.6	128.6	52.2	35.0	0.0	0.0	0.0	0.0	38.0	32.6	14.2
Annual Rainfall									1613.4			

Daily Rainfall Data

Station Code :PADMAVATI
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :PADMAVATI
 Sub-Division :Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	11.8	17.8	19.4	6.6	24.6	-	-	-	-	-	-	-
2	24.0	-	8.0	-	19.2	-	-	-	-	-	-	10.4
3	0.8	28.4	-	-	2.2	-	-	-	-	-	-	-
4	-	3.2	6.0	6.6	-	46.0	-	-	-	-	-	-
5	-	-	14.4	16.8	-	-	-	-	-	-	-	-
6	22.4	-	46.6	0.6	2.8	-	-	-	-	1.2	-	23.6
7	2.4	-	4.0	1.6	-	-	-	-	-	-	-	-
8	-	34.0	-	-	0.2	-	-	-	-	9.4	-	-
9	-	88.4	3.0	-	5.8	-	-	-	-	13.0	-	-
10	-	4.6	18.0	-	-	-	-	-	-	1.8	-	-
11	-	-	6.8	5.4	3.4	-	-	-	-	18.2	-	-
12	-	1.4	25.6	-	-	-	-	-	-	5.0	-	-
13	-	2.6	-	15.4	-	-	-	-	-	-	-	-
14	-	-	-	45.8	-	-	-	-	-	-	-	-
15	-	0.8	5.8	1.6	-	-	-	-	-	-	-	-
16	-	41.8	23.4	15.6	-	-	-	-	-	-	-	28.0
17	0.8	-	-	-	-	-	-	-	-	-	-	-
18	10.4	5.2	-	0.2	-	-	-	-	-	-	-	-
19	15.0	-	-	7.2	-	-	-	-	-	-	-	-
20	17.2	-	1.4	-	-	-	-	-	-	8.2	10.0	-
21	17.6	-	-	24.0	-	-	-	-	-	-	-	-
22	0.4	-	16.8	32.6	-	-	-	-	-	-	-	-
23	-	13.0	30.4	7.6	-	-	-	-	-	-	-	2.4
24	0.2	1.0	-	11.8	-	-	-	-	-	-	-	-
25	-	34.4	-	2.0	-	-	-	-	-	-	-	-
26	-	-	1.4	-	-	-	-	-	-	-	-	-
27	19.6	2.4	2.8	-	14.4	-	-	-	-	-	-	-
28	16.2	-	3.4	-	-	-	-	-	-	-	-	-
29	15.4	-	-	6.0	-	-	-	-	-	-	-	16.0
30	11.2	-	0.2	5.4	-	-	-	-	-	-	-	-
31	.....	50.4	14.2	.....	-	.....	-	-	.....	-	.....	-
Total	185.4	329.4	251.6	212.8	72.6	46.0	0.0	0.0	0.0	56.8	10.0	80.4
Rainy Days	16	16	20	19	8	1	0	0	0	7	1	5
Maximum	24.0	88.4	46.6	45.8	24.6	46.0	0.0	0.0	0.0	18.2	10.0	28.0
Annual Rainfall									1245.0			

Daily Rainfall Data

Station Code :005B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :SURAJGARH
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	10.6	6.0	3.4	-	-	-	-	-	-	-
2	0.2	1.2	42.8	0.4	2.4	-	-	-	-	-	-	-
3	1.0	7.4	105.0	14.0	-	-	-	7.8	-	-	0.2	-
4	-	17.4	138.8	55.6	-	-	-	-	-	-	-	-
5	-	14.6	12.8	15.6	-	-	-	-	-	-	-	-
6	-	18.4	26.0	12.6	20.0	-	-	-	-	-	-	-
7	-	4.6	30.6	-	3.4	-	-	-	-	-	-	-
8	7.8	7.0	-	4.4	1.4	-	-	-	-	0.6	-	-
9	-	2.8	-	-	34.6	-	-	-	-	-	-	-
10	15.8	4.2	30.6	148.0	-	-	-	-	-	10.6	-	-
11	-	0.4	28.4	13.2	-	-	-	-	-	-	-	-
12	-	0.6	-	8.2	-	-	-	-	-	-	-	-
13	-	3.2	-	5.4	-	-	-	-	-	-	-	-
14	-	30.4	-	-	-	-	-	-	-	-	-	-
15	-	18.6	27.6	-	-	-	-	-	-	-	-	-
16	-	10.4	23.8	-	-	-	-	-	-	-	-	-
17	14.2	10.0	3.8	-	-	-	-	-	-	-	-	-
18	3.0	30.8	15.6	2.4	-	-	-	-	-	-	-	-
19	-	6.0	-	24.6	-	-	-	-	-	-	-	23.0
20	-	-	-	2.8	-	-	-	-	-	0.4	-	-
21	-	0.8	-	-	-	-	-	-	-	-	-	-
22	-	3.6	1.0	5.4	-	-	-	-	-	-	-	-
23	1.4	0.2	2.4	1.8	-	-	-	-	-	-	-	-
24	123.2	-	0.8	2.8	-	-	-	-	-	-	-	-
25	-	-	2.2	9.8	-	-	-	-	-	-	-	-
26	-	19.8	11.6	-	-	-	-	-	-	-	-	-
27	0.6	6.4	4.4	-	-	-	-	-	-	-	-	-
28	19.2	-	-	21.6	-	-	-	-	-	-	-	4.0
29	1.4	7.8	-	0.4	-	-	-	-	.....	-	-	-
30	-	0.8	17.6	-	-	-	-	-	.....	-	-	-
31	.....	5.4	4.6	.....	-	.....	-	-	.....	-	.....	0.2
Total	187.8	232.8	541.0	355.0	65.2	0.0	0.0	7.8	0.0	11.6	0.2	27.2
Rainy Days	11	26	21	20	6	0	0	1	0	3	1	3
Maximum	123.2	30.8	138.8	148.0	34.6	0.0	0.0	7.8	0.0	10.6	0.2	23.0
Annual Rainfall									1428.6			

Daily Rainfall Data

Station Code :003B

Parameter Code :MPS(Rainfall - SRG in mm)

Local River/Basin :lb

Station Name

:THETTATANGER

Sub-Division

:Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	..	115.8	8.2	1.4	-	-	-	-	-	-	-
2	-	..	-	-	2.4	-	-	-	-	-	-	-
3	1.8	..	10.8	6.0	-	-	-	4.0	-	-	-	-
4	16.0	..	31.4	18.6	44.6	-	-	-	-	-	-	-
5	-	..	5.4	-	-	-	-	-	-	-	-	-
6	6.4	..	21.8	-	2.4	-	-	-	-	-	-	-
7	6.4	..	25.0	3.2	40.4	-	-	-	-	-	-	-
8	-	..	0.8	0.4	-	-	-	-	-	-	-	-
9	1.6	..	2.0	-	3.4	-	-	-	-	-	-	-
10	-	..	2.0	2.2	-	-	-	-	-	-	-	-
11	-	..	22.0	6.6	-	-	-	-	-	-	-	-
12	-	..	36.6	15.2	-	-	-	-	-	-	-	-
13	12.4	..	30.6	10.2	-	-	-	-	-	-	-	-
14	0.8	..	1.4	-	-	-	-	-	-	-	-	-
15	-	..	-	4.0	-	-	-	-	-	-	-	-
16	-	..	33.2	-	-	-	-	-	-	-	-	-
17	33.8	..	60.2	-	-	-	-	-	-	-	-	-
18	-	..	69.6	-	-	-	-	-	-	-	-	-
19	15.4	..	5.2	-	-	-	-	-	-	-	-	-
20	-	..	0.8	11.0	-	-	-	-	-	-	-	-
21	-	..	-	1.8	-	-	-	-	-	-	-	-
22	1.0	..	2.2	-	-	-	-	-	-	-	-	-
23	-	..	50.8	-	-	-	-	-	-	-	-	-
24	8.0	..	17.4	9.4	-	-	-	-	-	-	-	-
25	-	..	42.4	18.4	-	-	-	-	-	-	-	-
26	-	..	33.2	1.8	-	-	-	-	-	-	-	-
27	-	..	3.2	2.0	-	-	-	-	-	-	-	-
28	1.8	..	-	19.8	-	-	-	-	-	-	-	-
29	-	..	-	-	-	-	-	-	.....	-	-	16.0
30	-	..	62.2	-	-	-	-	-	.....	-	-	-
31	.....	..	5.4	.....	-	.....	-	-	.....	-	.....	-
Total	105.4	0.0	691.4	138.8	94.6	0.0	0.0	4.0	0.0	0.0	0.0	16.0
Rainy Days	12	0	26	17	6	0	0	1	0	0	0	1
Maximum	33.8	0.0	115.8	19.8	44.6	0.0	0.0	4.0	0.0	0.0	0.0	16.0
Annual Rainfall									1050.2			

Daily Rainfall Data

Station Code :004A
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Hasdeo

Station Name :Baikunthapur
 Sub-Division :Raipur

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	-	1.0	-	-	-	-	-	-	-	-
2	-	-	-	2.0	15.0	-	-	-	-	-	-	-
3	-	9.0	-	11.0	-	-	-	3.0	-	-	-	-
4	-	12.0	-	20.0	-	-	-	-	-	-	-	-
5	-	-	19.0	-	-	-	-	-	-	-	-	-
6	4.8	32.0	13.0	-	4.0	-	-	-	-	-	-	-
7	-	3.0	28.0	-	1.0	-	-	-	-	-	-	-
8	-	4.0	5.0	-	6.0	-	-	-	-	-	-	-
9	-	13.0	-	5.0	2.0	-	-	2.0	-	-	-	-
10	-	-	22.0	-	-	-	-	-	-	-	-	-
11	-	1.0	19.0	-	-	-	-	-	10.0	-	-	-
12	-	-	81.0	-	-	-	-	-	-	-	-	3.0
13	-	-	53.0	-	-	-	-	-	-	-	-	-
14	-	62.0	2.0	21.0	-	-	-	-	-	-	-	-
15	-	26.0	6.0	-	-	-	-	-	-	-	-	-
16	-	32.0	2.0	-	-	-	-	-	-	-	-	-
17	35.0	28.0	3.0	-	-	-	-	-	-	-	-	-
18	21.0	9.0	6.0	-	-	-	-	-	-	-	-	-
19	-	-	37.0	10.0	-	-	-	-	-	-	-	-
20	-	1.0	-	1.0	-	-	-	-	-	-	-	-
21	1.0	-	-	-	-	-	-	-	-	-	-	-
22	-	8.0	4.0	-	-	-	-	-	-	-	-	-
23	48.0	9.0	45.0	-	-	-	-	-	-	-	-	-
24	1.0	8.0	3.0	-	-	-	-	-	-	-	-	-
25	-	-	-	15.0	-	-	-	-	-	-	-	-
26	62.0	-	-	40.0	-	-	-	-	-	-	-	-
27	-	10.0	5.0	8.0	-	-	-	-	-	-	-	-
28	8.2	-	-	9.0	-	-	-	-	-	-	-	-
29	-	-	-	-	-	-	-	-	*****	-	-	-
30	-	-	-	-	-	-	-	-	*****	-	-	-
31	*****	2.0	33.0	*****	-	*****	-	-	*****	-	*****	-
Total	181.0	269.0	386.0	143.0	28.0	0.0	0.0	5.0	10.0	0.0	0.0	3.0
Rainy Days	8	18	19	12	5	0	0	2	1	0	0	1
Maximum	62.0	62.0	81.0	40.0	15.0	0.0	0.0	3.0	10.0	0.0	0.0	3.0
Annual Rainfall									1025.0			

Daily Rainfall Data

Station Code :0011B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Basundhara

Station Name :GOPALPUR
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	..	6.4	-	2.4	-	-	-	-	-	-	-
2	-	..	60.6	0.4	-	-	-	2.6	-	-	-	-
3	-	..	20.4	31.0	-	-	-	16.8	-	-	1.2	-
4	-	..	10.0	48.4	-	-	-	-	-	-	-	-
5	-	..	3.0	5.2	9.8	-	-	-	-	-	-	-
6	-	..	15.6	5.2	17.8	-	-	-	-	-	-	0.8
7	-	..	16.0	1.2	-	-	-	-	-	-	-	-
8	-	..	1.0	5.6	0.4	-	-	-	-	1.4	-	-
9	-	..	-	17.8	-	-	-	-	-	-	-	-
10	4.6	..	13.6	2.8	-	-	-	-	-	0.4	-	-
11	-	..	1.0	4.0	-	-	-	-	-	-	-	-
12	-	..	6.4	1.6	-	-	-	-	-	-	-	1.4
13	11.8	..	-	14.6	-	-	-	-	-	-	-	-
14	-	..	17.4	0.2	-	-	-	-	-	-	-	-
15	-	..	17.2	1.8	-	-	-	-	-	-	-	-
16	-	..	2.6	-	-	-	-	-	-	-	-	1.0
17	2.6	..	0.4	-	-	-	-	-	-	-	-	-
18	27.4	..	2.2	-	-	-	-	-	-	0.8	-	-
19	5.2	..	-	-	-	-	-	-	-	-	-	-
20	-	..	-	27.0	-	-	-	-	-	-	-	-
21	-	..	-	8.8	-	-	-	-	-	-	-	-
22	-	..	0.4	13.4	-	-	-	-	-	-	-	-
23	15.2	..	57.4	6.8	-	-	-	-	-	-	-	-
24	106.2	..	3.8	9.4	-	-	-	-	-	-	-	-
25	-	..	21.2	-	-	-	-	-	-	-	-	-
26	-	..	15.6	-	-	-	-	-	-	-	-	-
27	-	..	21.4	0.2	-	-	-	-	-	-	-	-
28	-	..	1.2	23.6	-	-	-	-	-	-	-	-
29	0.8	..	-	0.2	-	-	-	-	*****	-	-	-
30	-	..	-	-	-	-	-	-	*****	-	-	-
31	*****	..	0.2	*****	-	*****	-	-	*****	-	*****	-
Total	173.8	0.0	315.0	229.2	30.4	0.0	0.0	19.4	0.0	2.6	1.2	3.2
Rainy Days	8	0	24	22	4	0	0	2	0	3	1	3
Maximum	106.2	0.0	60.6	48.4	17.8	0.0	0.0	16.8	0.0	1.4	1.2	1.4
Annual Rainfall									774.8			

Daily Rainfall Data

Station Code :003A
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Arpa

Station Name :Pendraroad
 Sub-Division :Raipur

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	-	1.4	3.0	-	-	-	-	-	-	-
2	-	-	5.4	-	-	-	-	-	-	-	-	1.0
3	-	-	15.0	12.0	1.2	-	-	-	-	-	-	-
4	-	23.6	1.4	-	-	-	-	-	-	-	-	-
5	2.0	37.2	81.0	20.0	-	-	-	-	-	-	-	-
6	-	5.4	10.4	0.2	-	-	-	-	-	-	-	-
7	-	2.8	3.0	-	49.0	-	-	-	-	-	-	-
8	0.4	2.0	2.6	-	52.6	-	-	-	-	-	-	-
9	-	7.4	0.6	-	2.0	-	-	-	-	1.6	-	-
10	1.6	9.0	7.2	-	-	-	-	1.2	-	-	-	0.6
11	2.0	5.0	17.4	7.8	-	-	-	-	-	-	-	23.4
12	2.0	-	9.8	21.8	-	-	-	-	14.8	-	-	-
13	24.6	6.8	1.8	-	-	-	-	-	-	-	-	-
14	3.2	-	0.6	5.8	-	-	-	-	-	-	-	-
15	-	5.4	1.0	1.8	-	-	-	-	-	-	-	-
16	3.2	34.4	10.2	-	-	-	-	-	-	-	-	-
17	-	69.6	39.6	-	-	-	-	-	-	-	-	-
18	0.8	14.4	2.8	-	-	-	-	-	-	-	-	-
19	14.6	11.4	13.0	2.4	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-	-	2.6	-	-
21	-	24.4	-	3.6	-	-	-	-	-	-	-	-
22	-	7.2	2.4	3.6	-	-	-	-	-	-	-	-
23	13.4	3.8	14.4	1.4	-	-	-	-	-	-	-	-
24	8.6	21.6	27.0	5.6	-	-	-	-	-	-	-	-
25	-	0.6	-	44.0	-	-	-	-	-	-	-	-
26	-	-	6.4	58.8	-	-	-	-	-	-	-	-
27	-	1.6	4.6	28.0	-	-	-	-	-	-	-	-
28	41.0	-	-	2.2	-	-	-	-	-	-	-	5.0
29	0.8	26.4	-	6.2	-	-	-	-	*****	-	-	6.0
30	-	-	44.2	3.8	-	-	-	-	*****	-	-	-
31	*****	0.8	15.0	*****	-	*****	-	-	*****	-	*****	2.0
Total	118.2	320.8	336.8	230.4	107.8	0.0	0.0	1.2	14.8	4.2	0.0	38.0
Rainy Days	14	22	25	19	5	0	0	1	1	2	0	6
Maximum	41.0	69.6	81.0	58.8	52.6	0.0	0.0	1.2	14.8	2.6	0.0	23.4
Annual Rainfall	1172.2											

Daily Rainfall Data

Station Code :006B
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Tel

Station Name :PHULBANI
 Sub-Division :Burla

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	22.8	-	12.8	3.2	-	-	-	-	-	-	-
2	-	71.0	32.6	0.4	7.8	-	-	-	-	-	-	-
3	-	43.6	0.6	24.2	-	-	-	-	-	-	-	-
4	-	18.4	30.6	75.4	0.4	4.6	-	-	-	-	-	-
5	-	2.8	44.4	13.2	-	-	-	-	-	-	-	0.8
6	2.0	-	100.0	43.2	5.4	-	-	-	-	-	-	-
7	-	1.2	5.0	1.0	10.0	-	-	-	-	11.6	-	3.4
8	-	3.8	2.2	27.8	12.2	-	-	-	-	20.2	-	-
9	33.4	10.8	0.4	1.0	4.6	-	-	-	-	-	-	23.2
10	-	8.0	26.0	13.4	10.0	-	-	-	-	3.0	-	-
11	-	5.6	47.0	2.2	1.4	-	-	-	-	-	-	-
12	-	0.6	21.4	-	-	-	-	-	-	-	-	-
13	-	-	0.2	22.6	-	-	-	-	-	-	-	-
14	-	1.8	0.4	6.6	-	-	-	-	-	-	-	-
15	25.0	1.4	0.4	6.4	-	-	-	-	-	-	-	-
16	13.8	7.6	32.0	2.0	-	-	-	-	-	-	-	-
17	8.2	0.4	8.8	4.8	-	-	-	-	-	-	-	-
18	-	33.2	3.4	1.8	-	-	-	-	-	-	-	-
19	-	1.4	0.4	2.4	-	-	-	-	-	-	-	-
20	-	3.0	-	5.4	-	-	-	-	-	-	1.2	-
21	-	0.8	-	-	-	-	-	-	-	-	-	-
22	-	0.4	1.4	10.2	-	-	-	-	-	-	-	4.2
23	-	1.6	10.6	1.4	-	-	-	-	-	-	-	-
24	75.0	0.4	-	-	-	-	-	-	-	-	-	-
25	1.4	2.0	-	0.8	-	-	-	-	-	-	-	-
26	-	15.8	1.6	5.0	-	-	-	-	-	-	-	4.6
27	5.0	0.6	0.6	0.6	-	-	-	-	-	-	-	20.0
28	2.4	0.4	-	-	-	-	-	-	-	-	-	-
29	2.8	-	-	-	-	-	-	-	*****	-	-	-
30	-	10.4	-	-	-	-	-	-	*****	-	-	-
31	*****	29.6	0.4	*****	-	*****	-	-	*****	-	*****	-
Total	169.0	299.4	370.4	284.6	55.0	4.6	0.0	0.0	0.0	34.8	1.2	56.2
Rainy Days	10	28	23	24	9	1	0	0	0	3	1	6
Maximum	75.0	71.0	100.0	75.4	12.2	4.6	0.0	0.0	0.0	20.2	1.2	23.2
Annual Rainfall									1275.2			

Daily Rainfall Data

Station Code :RPR Station Name :RAIPUR
 Parameter Code :MPS(Rainfall - SRG in mm) Sub-Division :Raipur
 Local River/Basin :

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	2.0		5.4	-	-	-	-	-	-	-
2	-	-	-	42.8	2.6	-	-	-	-	-	-	-
3	-	60.4	24.0	1.2	-	-	-	-	-	-	-	-
4	-	13.4	-	1.4	-	-	-	-	-	-	-	-
5	5.0	0.8	21.6	-	-	-	-	-	-	-	-	-
6	12.2	36.8	57.2	2.2	10.0	-	-	-	-	-	-	-
7	13.6	14.4	38.2	-	23.4	-	-	-	-	-	-	-
8	-	14.0	-	-	0.4	-	-	-	-	7.2	-	-
9	-	2.6	3.6	5.0	1.2	-	-	-	-	-	-	-
10	-	7.0	-	1.4	13.6	-	-	4.8	-	-	-	-
11	-	23.4	9.4	7.2	-	-	-	-	-	-	-	4.8
12	-	-	-	35.2	-	-	-	-	-	-	-	-
13	-	1.4	-	7.0	-	-	-	-	-	-	-	11.6
14	-	0.4	-	1.8	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	58.4	-	-	-	-	-	-	-	-	-	1.6
17	-	1.6	3.2	13.2	-	-	-	-	-	-	-	-
18	28.6	10.4	1.2	10.2	-	-	-	-	-	-	-	-
19	13.0	0.6	1.8	38.6	-	-	-	-	-	-	-	-
20	6.8	-	-	27.0	-	-	-	-	-	-	-	-
21	-	27.4	-	-	-	-	-	-	-	-	-	-
22	-	74.2	-	-	-	-	-	-	-	-	-	-
23	-	10.8	-	1.2	-	-	-	-	-	-	-	-
24	49.6	5.8	8.2	4.2	-	-	-	-	-	-	-	-
25	2.0	-	-	24.6	-	-	-	-	-	-	-	-
26	-	0.4	6.6	19.2	-	-	-	-	-	-	-	-
27	16.4	4.4	9.6	45.6	-	-	-	-	-	-	-	-
28	17.4	19.0	-	2.0	-	-	-	-	-	-	-	-
29	2.0	-	-	102.8	-	-	-	-	-	-	-	-
30	-	16.8	-	7.0	-	-	-	-	-	-	-	-
31	-	5.0	-	-	-	-	-	-	-	-	-	-
Total	166.6	409.4	186.6	400.8	56.6	0.0	0.0	4.8	0.0	7.2	0.0	18.0
Rainy Days	11	24	13	22	7	0	0	1	0	1	0	3
Maximum	49.6	74.2	57.2	102.8	23.4	0.0	0.0	4.8	0.0	7.2	0.0	11.6
Annual Rainfall								1250.0				

Daily Rainfall Data

Station Code :NARAJ
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Mahanadi

Station Name :NARAJ
 Sub-Division :Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	0.6	41.0	5.2	25.2	-	-	-	-	-	-	-
2	-	53.8	23.6	1.0	45.8	-	-	-	-	-	-	-
3	0.6	10.7	3.6	-	-	-	-	-	-	-	-	-
4	4.8	10.4	41.6	15.6	-	1.6	-	-	-	-	-	-
5	16.8	5.0	20.2	18.2	5.0	0.8	-	-	-	-	-	-
6	-	-	57.8	7.2	27.8	-	-	-	-	0.4	-	-
7	6.8	-	0.8	16.6	10.8	-	-	-	-	-	-	-
8	-	40.2	2.0	-	9.6	-	-	-	-	8.0	-	-
9	-	54.6	11.2	-	21.0	-	-	-	-	17.2	-	-
10	-	2.6	10.6	-	-	-	-	-	-	18.2	-	15.8
11	-	19.6	7.4	0.2	14.6	-	-	-	-	19.4	-	-
12	-	3.2	-	15.6	-	-	-	-	-	11.8	-	-
13	-	0.2	1.6	4.8	-	-	-	-	-	-	-	-
14	4.2	16.0	-	26.4	-	-	-	-	-	-	-	2.6
15	-	17.0	7.0	12.6	-	-	-	-	-	-	-	-
16	31.8	20.4	14.8	5.0	-	-	-	-	-	-	-	-
17	-	13.4	14.0	7.4	-	-	-	-	-	-	6.8	-
18	5.2	2.0	4.8	11.0	-	-	-	-	-	-	-	-
19	4.2	1.2	-	4.6	-	-	-	-	-	-	-	-
20	5.2	0.2	0.8	-	-	-	-	-	-	-	-	-
21	0.6	-	12.0	-	-	-	-	-	-	-	-	9.8
22	-	-	1.2	23.6	-	-	-	-	-	-	-	-
23	-	66.2	-	28.0	-	-	-	-	-	-	-	-
24	-	13.0	-	2.4	-	-	-	-	-	-	-	-
25	-	17.8	0.4	9.4	-	-	-	-	-	-	-	-
26	-	3.8	12.4	2.4	-	-	-	-	-	-	-	-
27	61.4	9.8	8.4	2.8	11.0	-	-	0.2	-	-	-	-
28	32.0	1.4	1.2	13.0	4.6	-	-	0.2	-	-	-	-
29	2.8	-	0.4	1.6	-	-	-	-	.....	-	-	0.2
30	12.0	-	1.2	15.8	-	-	-	-	.....	-	-	-
31	.....	4.8	0.4	.....	-	.....	-	-	.....	-	.....	-
Total	188.4	387.9	300.4	250.4	175.4	2.4	0.0	0.4	0.0	75.0	6.8	28.4
Rainy Days	14	25	26	24	10	2	0	2	0	6	1	4
Maximum	61.4	66.2	57.8	28.0	45.8	1.6	0.0	0.2	0.0	19.4	6.8	15.8
Annual Rainfall									1415.5			

Daily Rainfall Data

Station Code :MARSHAGHAI
 Parameter Code :MPS(Rainfall - SRG in mm)
 Local River/Basin :Luna

Station Name :MARSHAGHAI
 Sub-Division :Bhubaneswar

Year : 2016-2017

Day	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
1	-	-	67.6	6.4	-	-	-	-	-	-	-	-
2	-	4.4	41.8	1.6	1.4	-	-	-	-	-	-	-
3	-	12.4	40.4	0.2	50.0	-	-	-	-	-	-	-
4	-	-	64.2	18.8	-	-	-	-	-	-	-	-
5	-	-	8.0	61.6	-	-	-	-	-	-	-	-
6	-	-	3.0	1.0	14.0	-	-	-	-	-	-	-
7	-	3.0	6.0	10.2	120.6	-	-	-	-	-	-	-
8	-	53.4	0.4	-	5.4	-	-	-	-	-	-	-
9	-	26.4	55.0	-	6.6	-	-	-	-	-	-	-
10	-	-	21.8	1.2	22.2	-	-	-	-	-	-	-
11	-	1.2	9.6	1.6	-	-	-	-	-	-	-	-
12	-	0.4	-	3.0	-	-	-	-	-	-	-	-
13	-	19.2	5.4	-	-	-	-	-	-	-	-	-
14	-	8.0	4.4	13.0	-	-	-	-	-	-	-	3.2
15	7.2	6.6	9.8	1.4	-	-	-	-	-	-	-	-
16	9.0	15.6	39.4	2.0	-	-	-	-	-	-	-	-
17	0.6	-	100.0	1.0	-	-	-	-	-	-	-	-
18	13.0	-	0.4	0.2	-	-	-	-	-	-	-	-
19	2.0	28.0	-	-	-	-	-	-	-	-	-	-
20	9.6	-	-	4.2	-	-	-	-	-	-	-	-
21	1.8	-	2.4	4.4	-	-	-	-	-	-	-	-
22	-	4.0	6.2	10.6	-	-	-	-	-	-	-	-
23	-	12.0	5.8	40.6	-	-	-	-	-	-	-	-
24	-	5.6	23.6	35.0	-	-	-	-	-	-	-	-
25	-	5.6	87.4	25.2	-	-	-	-	-	-	-	-
26	2.0	34.4	-	5.4	-	-	-	-	-	-	-	-
27	37.0	13.8	7.0	0.2	9.4	-	-	-	-	-	-	-
28	18.4	-	-	16.2	-	-	-	-	-	-	-	-
29	-	-	-	2.2	-	-	-	-	.....	-	-	-
30	2.2	-	5.2	3.2	-	-	-	-	.....	-	-	2.2
31	.....	0.2	28.4	.....	-	.....	-	-	.....	-	.....	-
Total	102.8	254.2	643.2	270.4	229.6	0.0	0.0	0.0	0.0	0.0	0.0	5.4
Rainy Days	11	19	25	26	8	0	0	0	0	0	0	2
Maximum	37.0	53.4	100.0	61.6	120.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Annual Rainfall	1505.6											