Central Water Commission Technical Documentation Directorate Bhagirath(English)& Publicity Section

West Block II, Wing No-5 R K Puram, New Delhi – 66.

Dated 13.6.18.

Subject: Submission of News Clippings.

The News Clippings on Water Resources Development and allied subjects are enclosed for perusal of the Chairman, CWC, and Member (WP&P/D&R/RM), Central Water Commission. The soft copies of clippings have also been uploaded on the CWC website.

Encl: As stated above.

Deputy Director (Publication),

13/6/18

For information of Chairman & Member (WP&P/D&R/R.M.), CWC and all concerned, uploaded at www.cwc.nic.in

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Hindustan Times Statesman The Times of India (N.D.) Indian Express Tribune

Hindustan (Hindi)

Nav Bharat Times (Hindi)
Punjab Keshari (Hindi)
The Hindu
Rajasthan Patrika (Hindi)
Deccan Chronicle

Deccan Herald

M.P.Chronicle
A e j (Hindi)
Indian Nation
Nai Duniya (Hindi)
The Times of India (A)
Blitz

and documented at Bhagirath(English)& Publicity Section, CWC

Lightning strikes kill 10 in West Bengal

Monsoon finally reaches the State

SPECIAL CORRESPONDENT KOLKATA

At least ten persons were killed in incidents of lightning strike in several districts of south Bengal as the State witnessed its first major spell of monsoon showers on Tuesday.

While four persons were killed in Bankura district, three deaths were reported from Hooghly district. One death each was reported from Birbhum, North 24 Parganas and Paschim Medinipur.

State's Minister for Disaster Management Javed Ahmed Khan said that details were yet to come from the districts and he could not comment on the exact

number of deaths.

Meanwhile, normal life was thrown out of gear in Kolkata and adjoining districts after the downpour. Many areas in the city were waterlogged and services of the suburban railway were affected.

According to officials of the Alipore Meteorological Centre, this was the first major rain in Kolkata and adjoining district due to the south-west monsoon.

Heavy rain predicted

The weather office has predicted heavy rain at isolated places in the State over the next 24 hours. Fishermen had been advised not to venture out into the sea.

13/6/18

in the

Hindustan Times Statesman The Times of India (N.D.) Indian Express Tribune Hindustan (Hindi) Nav Bharat Times (Hindi) Punjab Keshari (Hindi) The Hindu Rajasthan Patrika (Hindi) Deccan Chronicle

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Monsoon to take a break

IMD advises farmers to take precautions while sowing

JACOB KOSHY NEW DELHI

The monsoon is expected to take a break for at least a week, according to an update from the India Meteorological Department.

The southwest monsoon had advanced into parts of Odisha, and Gangetic West Bengal, parts of northwest Bay of Bengal, entire Arunachal Pradesh and most parts of Assam, Meghalaya and Sikkim.

"No further advance likely during the next one week due to weakening of monsoon flow except over eastern parts of India," the weather agency said in a statement.

Officials, however, said that while the cessation was not ominous, farmers should take precautions when planning for sowing.

"It isn't a worry, and every year the advance of the



A Lull for now: Monsoon clouds hovering over the Brahmaputra in Guwahati on Tuesday. • PTI

monsoon has its own characteristics... but farmers should watch out for updated forecasts," Madhavan Rajeevan, Secretary, Earth Sciences Ministry, told *The Hindu*.

Rain in eastern India

Ideally, the branch of the monsoon system that enters from Kerala and moves northwards should reach Gujarat and Madhya Pradesh

by June 15, but this is unlikely to happen for a few days.

However, heavy rainfall will continue in several parts of Nagaland, Manipur, Mizoram, Tripura because of favourable weather clouds – called a low-pressure system – that are present in eastern India

So far, June rainfall has been 54 mm, about 20% more than what is normal for this time of the year.

Hindustan Times Statesman The Times of India (N.D.) Indian Express Tribune Hindustan (Hindi) Nav Bharat Times (Hindi) Punjab Keshari (Hindi) The Hindu Rajasthan Patrika (Hindi) Deccan Chronicle Deccan Herald M.P.Chronicle
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Khattar rules out release of additional water for Delhi

STATESMAN NEWS SERVICE

CHANDIGARH, 12 JUNE

Ruling out release of additional water to Delhi, Chief Minister (CM) Manohar Lal Khattar on Tuesday said Haryana is already supplying 120 cusecs of water over and above state's obligations.

Replying to Kejriwal's letter in the matter, Khattar said the Delhi Jal Board (DJB) should address the alleged shortage of about 60 million gallons per day (MGD) through "internal actions".

"The task of maintaining a particular level of Wazirabad pond, has to be performed by DJB itself," Khattar said adding that Haryana is giving entire supply at Delhi Contact Point Bawana itself.

He said acceding to the request of secretary, Union ministry of water resources (MoWR), Haryana is supplying 120 Cusecs of water for the current summer only and Delhi must make its own arrangement from the next year onwards as no supplies would be made through DD-8 by Haryana.

Khattar said the task of maintaining a particular level of Wazirabad pond, has to be performed by DJB itself. The Haryana CM also reminded Kejriwal that after presentation



of Budget for the year 2018-19 in the Assembly, the Delhi CM was quoted as saying that "there is no shortage of water in Delhi".

"Surprisingly, on the same day the DJB filed a petition in the Supreme Court alleging shortage of raw water at Wazirabad. I hope you (Kejriwal) would ponder over the contradiction," he said.

Khattar said Haryana has been discharging all our obligations set forth by Upper Yamuna River Board (UYRB) in terms of share and allocation of water to Delhi.

"Despite the consequent adverse impact on drinking water supplies to thousands of our villages and several towns, we have never reduced the supply to Delhi," the CM said. He said it is a harsh fact that the

issue of shortage of raw water at Wazirabad and its impact on supplies of VVIP areas is being raised by the DJB every year for the past 20 odd years even as it can easily be resolved through internal actions of DJB.

The Haryana CM said the state was supplying about 1050 cusees from Munak when Delhi decided to drag Haryana into multiple litigations.

"Upon a request of secretary MoWR, we started releasing additional 150 Cusecs from Munak, so that about 100-120 Cusecs may be received at Wazirabad via DD-8. We have decided to extend the period of release of this additional water via DD-8 up to 30 June, 2018 subject to the condition that Delhi withdraws all cases from the NGT and Delhi High Court," Khattar added.

Hindustan Times Statesman

The Times of India (N.D.) Indian Express

Tribune Hindustan (Hindi)

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Monsoon enters weak phase

IMD says will see revival, stands by 'normal' forecast for Northwest

VIBHA SHARMA

NEW DELHI, JUNE 12

Southwest monsoon has entered a weak phase with no further advance likely during the next one week, except over eastern parts. However, this is not expected to affect its onset dates Punjab, Haryana, Chandigarh, Delhi or other parts of the Northwest India, says the IMD.

Dr DS Pai, head of Punebased Climate Research Division of the IMD, said on Tuesday that the monsoon was likely to see a revival in the "last week to 10 days of June" and that the IMD continued to stand by its prediction of "normal" rain in Northwest.

The seasonal rainfall is expected to be 100 per cent of the LPA in the Northwest.

According to Pai, the monsoon entering a weak phase was a "normal phenomenon". "The monsoon travels in pulses, a characteristic that helps it cover all parts of the country. If this does not happen, the reach of the ongoing pulse would have stopped around Central India.

"As per our weather models, the next pulse is expected around last week



Children play football in the rainwater at Vembanadu backwater in Kottayam district of Kerala. РП

to 10 days of June and this is when the monsoon will also revive in the mainland. Till then, it will remain in weak phase," he said.

Amid apprehensions that the "weak phase" may delay the onset of monsoon in some parts, Pai said it was because of this very situation and an associated low pressure that Northeast and neighbouring Bangladesh were getting "heavy to very heavy" rains.

Onset over the Northwest is expected around normal time — June 29, give or take a couple of days. Generally, the subsequent pulse is stronger, he said.

"This is how it generally happens," he added. Meanwhile, it is wait and watch.

According to the IMD's latest update, the monsoon on Tuesday further advanced into more parts of Odisha, Gangetic West Bengal, remaining parts of the Bay,

entire Arunachal and most parts of Assam and Sikkim.

The Northern Limit of Monsoon (NLM) is passing through Thane (including Mumbai), Ahmednagar, Buldhana, Amraoti, Gondia, Titlagarh, Cuttack, Midnapore, Goalpara and Baghdogra. No further advance likely during the next one week due to weakening of the monsoon flow, except over eastern parts of the country.

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w water conservation is elping farmers turn a prof

As the Centre figures out ways to achieve its target of doubling farmers' income by 2022, farmers in some villages have already multiplied their income by conserving every drop of water and making agriculture a profit-making venture, says Radheshyam Jadhav in the fourth of the series for TOI's Water Positive campaign

n the last 25 years, farmers in Hiware Bazar, a tiny village in the arid zone of Maharashtra, have increased their income by an estimated 38 times. But it's not a miracle, insists village sarpanch Popatrao Pa-war, who says the village faced a severe water crisis earlier. The village gets 200-300mm rainfall annually and farmers would migrate in search of work during the summer.

Inspired by Ralegan Siddhi's water conservation work, Pawar and other villagers started water conservation, rainwater harvesting and watershed management initiatives in the 1990s. Villag ers vowed not to let a single drop of rainwater flow out of the village. But this wasn't enough considering the scanty rainfall. So, they changed cropping patterns and resolved to stop growing the water-guzzling sugarcane, opting for vegetables, pulses, flowers and fruit cultivation.

The villagers meet every December 31 to review water availability and decide the crops to grow. Hiware Bazar, perhaps, is the country's only village with a water budget. If there is a deficit, farmers take a collective break from farming. But this does not affect their earn ings, says Pawar, adding the farmers have a strong dairy business, producing 4,000 litres of milk daily.

Villagers made farming a profitable venture and no family lives below the poverty line. In the last 25 years Hiware Bazar has not called for a water tanker and over 42 families that had left the village returned. Groundwater is now available at just 20-40 ft in Hiware Bazar while surrounding villages must dig 300-400 ft.

Villagers of Kadwanchi located in the drought-prone Marathwada region in Maharashtra have multiplied their income through water-

SINCE 2011, INDIA HAS BEEN

India has among the largest river basins in the world, more than 32 lakh sq km of land capable of capturing rainfall. But the country has been water stressed since 2011 and per capita water availability has been steadily declining. Here, India's river basins and capacities

IS SAPPING WATER

GROWING POPULATION | Per capita water availability below 1,700 cubic metres is termed "water stressed" and below 1,000 cubic metres is termed "water scarce" RESOURCES (Falkenmark Water Stress Indicator)



TOTAL MICE AVAILABILITY THEOPMOTION			
Year	Population (in billions)	Per Capita Water Availability (in cubic metres per year)	
2001	1.03	1,820	
2011	1.21	1,544	
2015	1.33	1,441	
2021	1.35	1,421	
2031	1.46	1,306	
2041	1.56	1,225	
2051	1.63	1,174	

WATER AVAILABILITY PROJECTION

RAINFALL ON THE	E DECLINE
3,945 billion cu Annual Avg Rainfall	ibic metres In 1955-1984
3,853 всм	3,880 BC

Annual Avg Rainfall | Annual Avg Rainfall | In 1965-1984 | In 1985-2015

INDIA'S RIVER BASINS CAN CAPTURE **BILLIONS OF LITRES OF RAINWATER**

lakh sq km | Total Area Of India's **River Basins**

1.913.6 BCM | Avg Annually Available Water

3.880BCM | Avg Annual Rainfall In **River Basins**

River Basin	Catchment Area (sq km)	Annual Avg Rainfall*	Avg Water Availability*
Indus	3,17,708	330	46
Ganga	8,38,803	914	510
Brahmaputra	1,93,252	495	442
Godavari	3,12,150	365	118
Krishna	2,59,439	226	89
Cauvery	85,167	81	28
Mahanadi	1,44,905	200	73
Narmada	96,660	<u>I</u> 108	58
Tapi	65,806	59	26

*(1985-2015, in billion cubic metres)

Source: CWC, "Reassessment of Water Availability in India Using Space Inputs," Oct 2017

INDIA

POSITIVE

A TIMES OF INDIA INITIATIVE

shed management since 1995. They undertake strict water and soil conservation and dig farm ponds to save rainwater

BE A TOI CHANGE LEADER...

It's not enough to simply reflect, take action today! Nominate yourself to be the TOI Change Leader share your inspiring water conservation story on our Facebook page. Use hashtag #BeWaterPositive. Remember, every drop counts

and turned to grape cultivaagriculture, noted average tion using drip irrigation. A annual incomes of farmers survey, by the central rein the village increased from search institute of dryland Rs 40,000 in 1996 to Rs 3.2 lakh

Villagers farming a profitable venture and no family lives poverty line. In the last 25 years, Hiware Bazar has not called for a water tanker and ver 42 families that had left the village returned

in 2012, a 700% rise

It took farmers in Julwaniya Chota in Madhya Pradesh three years to double their income while some villages in Andhra Pradesh increased their income 2-3 times in the last few years according to research by Delhi-based Centre for Science and Environ-ment (CSE). These villages used simple traditional wisdom, the CSE report said, adding that every village can meet its water needs by capturing enough rainwater to meet drinking and cooking needs.

Lapodia, a village of 200 households in Rajasthan, has opted for a model of square dykes to trap rain water. Families here earn sufficiently just by selling milk. Eklava village in Gujarat has collected rainwater over the past 12 years — every house has an underground water tank built near the house to store rainwater that is used for drinking and cooking purposes throughout the year.

These villages represent a new polarization India is going through, states the CSE - those who harvest water and those who don't.

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एक सप्ताह के लिए मानसून टिटका भ

नई दिल्ली | विशेष संवाददाता

मानसून के मोर्चे पर एक बुरी खबर है। पश्चिम बंगाल पहुंचकर मानसून की रपतार को ब्रेक लग गए हैं। अगले एक हफ्ते तक मानसून ठिठका ही रहेगा। हालांकि मौसम विभाग का कहना है कि मानसून की रफ्तार में इस प्रकार का ब्रेक लगना कोई नई बात नहीं है, न ही उत्तर भारत में मानसून के पहुंचने

में इससे कोई देरी होगी। मीसम विभाग के महानिदेशक डॉ. के. जे. रमेश ने बताया कि ओडिशा और पश्चिम बंगाल पहुंचकर

मानसून अब कमजोर पड़ने लगा है। अगले एक सप्ताह तक यह स्थिति बनी रहेगी। इसका मतलब यह है कि एक सप्ताह तक मानसून जहां का तहां रहेगा।

बिहार-झारखंड का लंबा हो सकता मानसून का इंतजार : बिहार और

दिल्लीवालों का

इतजार बढ़ेगा। अभी तक दिल्ली में मानसून के तय समय से पहले पहुंचने की उम्मीद की जा रही थी। लेकिन इस देरी के बाद स्थितियां बदल सकती हैं। दिल्लीवाली का इंतनार बंद सकता है। वहीं, यूपी में भी इस बदलाव का असर दिखेगा।

आज का अनुमान

41° 32

अधिकतम न्यूनतम

झारखंड में मानसूनी बारिश का इंतजार लंबा हो सकता है। मौसम विभाग की मानें तो अगर बुधवार को दोनों राज्यों में मानसून ने दस्तक नहीं दी, तो लोगों को कम से कम एक हफ्ते और मानसूनी बारिश का इंतजार करना पड़ सकता है। पसीने छुड़ाए पेज 03

Hindustan Times Statesman The Times of India (N.D.) Indian Express Tribune Hindustan (Hindi)

Nav Bharat Times (Hindi) Punjab Keshari (Hindi) The Hindu Rajasthan Patrika (Hindi) Deccan Chronicle Deccan Herald

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धूल से पट गया आसमान, छाया रहा अंधेरा

वीते चार साल में 12 जून को रहा अधिकतम तापमान

नई दिल्ली, (पंजाब केसरी): दिल्ली में मंगलवार की शाम धूल की चादर ने आसमान में फैलकर समय से पहले अंधेरा कर दिया। आशंका थी कि तेज गति से हवा चलेगी और धूलभरी आंधी आएगी, लेकिन ऐसा नहीं हुआ। हालांकि इससे पहले

दर्ज किया गया। अधिकतम तापमान सामान्य से दो डिग्री, जबिक न्यूनतम

न्यनतम तापमान तापमान तीन डिग्री 41.7 और <u>30.5</u> अधिक अनुमान है कि बुधवार को तापमान 41 और 32 डिग्री के बीच रहेगा। बीते 24 घंटों में अधिकतम और न्यूनतम को धूलभरी आधी और बादलों के आद्रता 58 और 36 फीसद दर्ज की शनिवार को धूलभरी आंधी ने शाम गई। दिल्ली के अन्य केन्द्रों पर को ही रात में तब्दील कर दिया था। अधिकतम तापमान क्रमशः पालम राजधानी में मंगलवार को 42.4, लोधी रोड 41.1, रिज 42, अधिकतम और न्यूनतम तापमान आया नगर 42.2, जाफरपुर 41.2, 41.7 और 30.5 डिग्री सेल्सियस मुंगेशपुर 40.9, नजफगढ़ 41.3 और नरेला में 41.2 डिग्री सेल्सियस दर्ज किया गया। मौसम विभाग के अनुसार

12 से लेकर 15 जून तक तीन दिन धूलभरी मैदानी हवाएं चलने की संभावना बनी रहेगी। इसके अलावा शुक्रवार और शनिवार

गर्जन की संभावना बनी रहेगी। इस दौरान बूंदाबांदी के भी आसार बनेंगे जिससे कि तापमान में गिरावट आएगी। बीते आठ वर्षों में केवल 2014 को छोड़कर 12 जून का दिन सबसे गर्म रहा। बढ़े तापमान के साथ-साथ लोगों को उमस का भी सामना

12 जून को किस वर्ष कितना रहा अधिकतम तापमान

फोटो: मिहिर सिंह

वर्ष 2018	41.7
वर्ष 2017	38
वर्ष २०१६	39
वर्ष 2015	41
वर्ष २०१४	44
वर्ष 2013	33
वर्ष २०१२	41
वर्ष 2011	40

भारत सरकार

Government of India केन्द्रीय जल शायोंग

Central Water Commission बाढ़ पूर्वानुमान प्रवोधन निदेशालय

Flood Forecast Monitoring Directorate

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Tele/ Fax:

011-26106523, 26105274

Room No. 5th Floor(S), Sewa Bhawan, R.K. Puram, New Delhi-110066.

मानसृन/ बाढ़ सम्बन्धी सनाचारों की कतरन (News Clippings) अवलोकन हेतु प्रस्तुत $\tilde{\epsilon}$:

सबंबन : उपरोक्तान्सार

Indulation in 13/6/1/8

outeigne takhninanghan 13/6/18

निदेशक (बा.प.प.) In meeting

कृत्या केन्द्रीय जल आयोश की वेव शाईट पर अपलोड करने की व्यवस्था करें।

र्ज निरंशक (तकनीकी प्रनेखन)

out the land, Mr Goud is stopping him by claiming that the land still belongs to him," said

(criminal intimidation)

and an investigation was likely to attend or send. Ansari as well as they had tarked onice, Hydrogresentatives 6 200d constitutional posi-

ernment in Karnataka, mer vice-president Hamid

"Congress President has extended an invite to Sh. Pranab Mukherjee & he

all among Opposition parties and senior Congress leaders would be invited".

WEATHER | BLESSINGS | Water released from Babli to Sriramsagar project ahead of the schedule

Good rains help quench TS' water needs

DC CORRESPONDENT HYDERABAD/ NIZAMABAD. JUNE 11

Irrigation projects which had hit dead storage level rains in upstream states.

On the Godavari, the Babli project in Maharashtra received huge inflows enabling Monday.

the in

Krishna river in Karnataka was released project in Mahbubnagar.

The fresh inflows came as have started receiving a relief to meet drinking inflows thanks to heavy and irrigation water needs in TS districts.

Water was released from the Babli project to Sriramsagar project on Monday ahead of schedule. water to be released down- Due to heavy rains in stream to the Sriramsagar Maharashtra, water flow project in Telangana on increased in the river Godavari and Maharashtra irrigation

Narayanpur project on the officials lifted four gates of the Babli project, releasing water downstream. downstream to the Jurala Initially, they released 20,000 cusecs and later increased it to 98873 cusecs. Villagers on the banks of the river Godavari in Telangana and Maharashtra were alerted about the sudden inflows into the river.

As per Supreme Court directives, Maharashtra has to release water from the Babli project on July 1.

Report on Page 5

SRSP

Full reservoir level: 1091 ft Gross capacity : 90.313TMC

Water level as on June 11, 2018 : 1050.5 ft

Gross storage as on June 11, 2018 : 6.48 TMC

Last year water level same day Last year gross

Present outflow

storage same day: 8.92 TMC Present inflow

: 98,873 cusec : 169 cusecs

: 1054.5 ft

Full reservoir level: 1045 ft Gross capacity : 9.657TMC

Water level as

on June 11, 2018 : 1034,94 ft

Gross storage as

on June 11, 2018 : 4.412 TMC

Last vear water

level same day : 1030.84 ft

Last year gross

storage same day: 3.061 TMC Present inflow : 172 cusec Present outflow : 1030.84 cusec





Deccan Hearld (Bengluru) Deccan Chronical (Hyderabad)

विज्ञाक ... !2/6/18 .. को निम्नलिखित समाचार पत्र में प्रकाशित मानसून/ बाढ़ सम्बन्धा समाना

Hindustan Times (Delhi) नवभारत टाईम्स (दिल्ली) The Tribune (Chandigarh) The Hindu (Chennai)

The Assam Tribune (Guwahati) The Times of India (Mumbai) The Telegraph (Kolkata) हिन्दुस्तान (पटना)

The Deccan Hearld (Bengluru) The Deccan Chronical (Hyderabad) Central Chronical (Bhopal)

Deccon Merald, 12/1/18 Showers intensify in Kodagu, but recede elsewhere in state

BENGALURU: Showers receded in many places in the state on Monday.

Though the heavy rain lashing Kodagu district for the last few days gave a break in the morning, the showers gained momentum by evening.

With the increase in water level at the Triveni Sangama in Bhagamandala, connectivity was snapped on Monday morning. As a result, devotees could not visit Talacauvery.

With the Brahmagiri range receiving heavy rain, the district administration has cautioned the devotees visiting Talacauvery. Even Kootuhole,

which supplies water to Madikeri town, is full. Power outage continued in Appangala, Kathalekadu and Ayyangeri, following the uprooting of electricity poles due to gusty winds. Normal life was thrown out of gear in Napoklu hobli on Monday.

The water level in River Cauvery increased at Kottamudi. Water flowed on the road at Bolibane and disrupted the movement of vehicles. Water had also entered the road connecting Napoklu and Moornadu. The water-level in Harangi reservoir stood at 2806.07 feet. Rainfall receded in Virajpet. Paddy fields have been inundated at Kadanooru.

Arji and Bittangala villages.

Rain continues to lash the coffee land of Chikkamagaluru. With the waterfalls in the district coming alive, a large number of tourists are visiting Sirimane, Kallathigiri, Hebbe waterfalls, Bababudangiri and Mullayanagiri hill ranges to enjoy the beauty of nature.

Showers receded in Siddapur taluk of Uttara Kannada district, even as the downpour in the past few days left a trail of destruction, due to falling trees. Showers were reported across Mysuru, Hassan and Shivamogga districts.

Rains receded in Dakshina Kannada. The heavy rain in the

last few days inundated Hosamata bridge at Kadaba, which affected schoolchildren and office-goers on the Uppinangady-Subrahmanya stretch.

The torrential rain has increased the water-level in rivers Nethravathi and Kumaradhara in Dakshina Kannada. The water level in river Nethravathi stood at 4.9 metres in Bantwal, while it was 20 metres in Uppinangady. The water level in Kumaradhara stood at 20 metre in Uppinan-

The heavy rain in the Ghats and Subrahmanya on Sunday night increased the water-level in Kumaradhara river on

Monday. The bathing ghats in Kukke Subrahmanya were inundated. Even the toilets constructed near Snanaghatta were inundated. As a result, the devotees were seen collecting water in vessel for 'theerthasnana'. Even the old bridge across Kumaradhara was inundated for some time.

A bridge at Nettana connecting Subrahmanya-Uppinangady-Mangaluru and Subrahmanya-Mardhala-Dharmasthala was marooned. This affected passengers travelling to Dharmasthala and Mangaluru. The water-level receded by noon.

DH News Service





The bathing ghats were inundated following heavy rain in Subrahmanya, Dakshina Kannada district on Monday. People take shelter under the mantap of Kanaka statue at Sira Gate as it rains heavily in Tumakuru. DH PHOTOS

Hindustan Times (Delhi) ਜ਼ਬਮਾਵਰ ਟਾਡੂੰਮ਼ਮ (ਫ਼ਿਲੁੀ) The Tribune (Chandigarh) The Hindu (Chennai) 6 DECCANHERALD

State

73% excess rain this monsoon, 104 killed since April

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BENGALURU: The state received 73% excess rainfall this monsoon causing 104 humar deaths, 332 cattle deaths and damage to 2,298 houses, Revenue Minister R V Deshpande said Monday.

Deshpande said that from April 1 to June 10, as many as 94 human deaths were caused due to lightning and another 10 due to drowning, tree or wall collapse incidents.

The minister reviewed the state's weather situation and addressed reporters for the first time after taking charge of the Revenue department. "While rainfall helped crop sowing activity, it also caused loss to life and property. I have ordered a compensation of Rs 4 lakh for the family of those who died and have asked authorities to ensure it reaches them immediately," he said.

So far, the government has provided compensation of Rs 8.63 crore—Rs 4.16 crore for human deaths, Rs 1.60 crore for cattle deaths and Rs 2.87 crore for house damage.

Deputy commissioners have been instructed to set aside Rs 5 crore for disaster relief works. Zilla Panchayat chief executive officers have been asked to set aside Rs 1 crore to meet drinking water needs. There are 248 villages facing drinking water shortage. "With this, there should not be any complaints on the paucity of funds for disaster relief and drinking water," Deshpande said.

From March 1 to May 31 (pre-monsoon), Karnataka received 193 mm rainfall against the normal 125 mm, whereas from June 1 to June 10 (monsoon), the state has received 89 mm against the normal rainfall of 51 mm, he said.

"There is a provision of Rs 320 crore for the State Disaster Response Force," hesaid.

The Revenue department has recruited 1,067 surveyors. "Their training is complete and they will get postings soon," he said.

DH News Service

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The Deccan Hearld (Bengluru)
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Monsoon makes a meek entry

OUR SPECIAL CORRESPONDENT

Alipore: Monsoon made a damp squib of an arrival in the city and the two 24-Parganas on Monday with just 2mm rainfall till evening — the driest 24 hours in the city in the past few days.

Telegrador, Kolkatta, 12/6/18

The progress of the monsoon followed a rare pattern this time, entering south Bengal before north Bengal, something that happens when there is a strong weather system over the Bay of Bengal such as the depression that made landfall in Bangladesh on Sunday.

The monsoon made its official entry into Calcutta three days behind schedule, riding

on a relatively weak flow of the south-westerly winds.

The depression has since degenerated and lies over Tripura as a well-marked lowpressure belt, continuing to influence the incursion of winds from the sea into south Bengal.

"It is rare for the southwesterly monsoon to touch south Bengal before north Bengal as it has done this year. It had happened famously in 2009. On that occasion, it was Cyclone Aila that had influenced the entry into south Bengal and as early as May 25," said Sanjib Bandyopadhyay, deputy director general, India Meteorological Department, Calcutta.

Conditions are favourable

FIRST DAY OF MONSOON

Year	Date of onset	Rainfall on the day	
2018	June 11	2.0mm	
2017	June 12	7.1mm	
2016	June 17	5.3mm	
2015	June 19	2.3mm	
2014	June 18	39.0mm	
2013	June 8	0.3mm	
2012	June 17	34.0mm	
2011	June 15	7.0mm	
2010	June 13	0.0mm	
2009	May 25	93.1mm	

for the progress of the northern limit of the monsoon to cover more parts of the state in 48 hours, he said.

studies various factors such as amount and distribution of rainfall, wind flow and movement of clouds to decide whe-The weather department ther to declare the onset of the

monsoon in a particular area.

The usual date for the arrival on the monsoon winds in Calcutta is June 8 and for north Bengal June 5.

Meteorologists, however, pointed out that in recent years, Calcutta has seldom kept its date with the the monsoon winds (see chart).

The last time the monsoon arrived in Calcutta on the designated date was six years ago on June 8, 2013.

It has been raining regularly in the city since the start of June. The total rain count in the first 10 days of the month has already reached 138.3mm, nearly half the total rainfall the city normally gets in June.

On Monday, however,

there was little rainfall despite the arrival of the monsoon.

Bandyopadhyay said it was not necessary for the arrival of the monsoon to be marked by a deluge. "The arrival of the monsoon is decided taking into consideration a large area. Conditions such as amount and distribution of rainfall were fulfilled in Calcutta and North and South 24-Parganas for the past few days. That is why the decision was taken to declare the onset of monsoon in these places," he said.

The monsoon flow picks up in phases during the season and that is the time a particular place receives moderate to heavy rain, Bandyopadhyay

said.

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Post-dry spell, surplus rain brings cheer

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VIJAY MOHAN TRIBUNE NEWS SERVICE

CHANDIGARH, JUNE 12

After having remained parched during the pre-monsoon season this year, Punjab has witnessed significantly good rains in the run-up to the arrival of monsoon in this part of the country, bringing some cheer for the farming community.

Precipitation recorded in the agrarian state from June 1-12 has been 139 per cent above normal, which is the highest among the neighbouring states, according to the India Meteorological Department (IMD). In Haryana and Himachal Pradesh, rains have been 49 per cent and 38 per cent, respectively, above normal for this period.

Noticeably, rains in Punjab during the pre-monsoon season that ended on May 31

In June, precipitation 139% above normal. highest among neighbouring states

were deficient by 53 per cent, which was also the highest in the region. Rainfall in this period has an impact on vegetable and cotton cultivation.

The surplus rains come at a time when water levels in crucial dams is alarmingly low due to vagaries of the weather. At Bhakra Dam, the available storage is only about six per cent of its total capacity, which is just one-fourth of what it should be for this period. The water level dropped to a 13-year low due to reduced inflows as low temperatures over the Himalayas impacted snow melt.



Member

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