



Daily Flood Situation Report cum Advisories

28-07-2019

1.0 IMD information

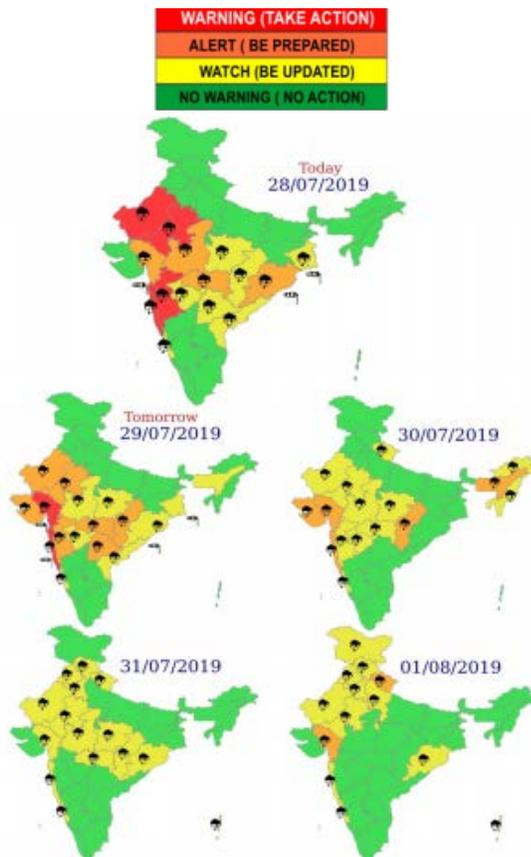
1.1 Rainfall Situation

1.1.1 Amount of rainfall recorded at 0830 hours IST of today (8 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Karjat (Maharashtra)	28
Panwel (Maharashtra)	27
Bundi (Rajasthan)	26
Matheran (Maharashtra)	24
Khalapur (Maharashtra)	23
Santacruz (Maharashtra)	22
Nusrulgunj (Madhya Pradesh)	21
Sudhaghad (Maharashtra), Garoth (Madhya Pradesh)	20 each
Mangaon & Roha (Maharashtra), Shujalpur (Madhya Pradesh)	19 each
Pen (Maharashtra), Shajapur (Madhya Pradesh)	18 each
Ashta (Madhya Pradesh)	17
Mokheda & Jawhar (Maharashtra), Kota (Rajasthan)	15 each
Alibag (Maharashtra), Deogarh (Rajasthan), Ichhawar & Atnor (Madhya Pradesh)	14 each
Mahad & Tala (Maharashtra), Pisagan & Sarvar (Rajasthan), Bhairamgarh (Chhattisgarh)	13 each
Murbad (Maharashtra), Hindoli & Sangod (Rajasthan), Bijapur (Chhattisgarh), Bhopal (Madhya Pradesh)	12 each
Muri (Jharkhand), Ladpura, Jahazpur & Bhainsroadgarh (Rajasthan), Hoshangabad & Nalkeda (Madhya Pradesh)	11 each
Shahapur (Maharashtra), Bhinay, Balera & Kekri (Rajasthan), Sarangpur & Sehore (Madhya Pradesh)	10 each
Colaba, Kalyan, Ambarnath, Kharangha & Uran (Maharashtra), Usoor (Chhattisgarh), Barkote (Odisha), Bhainsdeli & Tonkhurd (Madhya Pradesh), Aswapuram (Telangana) & Vararamachandrapuram (Andhra Pradesh)	9 each
Thane (Maharashtra), Mirzapur & Salempur (Uttar Pradesh), Konta (Chhattisgarh), Multai (Madhya Pradesh), Gundala, Manuguru & Pinapaka (Telangana), Chintur & Kunavaram (Andhra Pradesh), Kollur (Karnataka)	8 each



1.1.2 Rainfall forecast for next 5 days issued on 28th July, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation

2.1.1 Summary of Flood Situation as per CWC Flood Forecasting network

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	18
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
D	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	2
Total number of sites above Warning Level (A+B+C)		38
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		13

For detail bulletins refer to <http://cwc.gov.in/sites/default/files/cfrcwcdfb28072019.pdf>

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Conserve Water – Save Live



2.2 Flood Situation as per actual/ forecasted rainfall situation

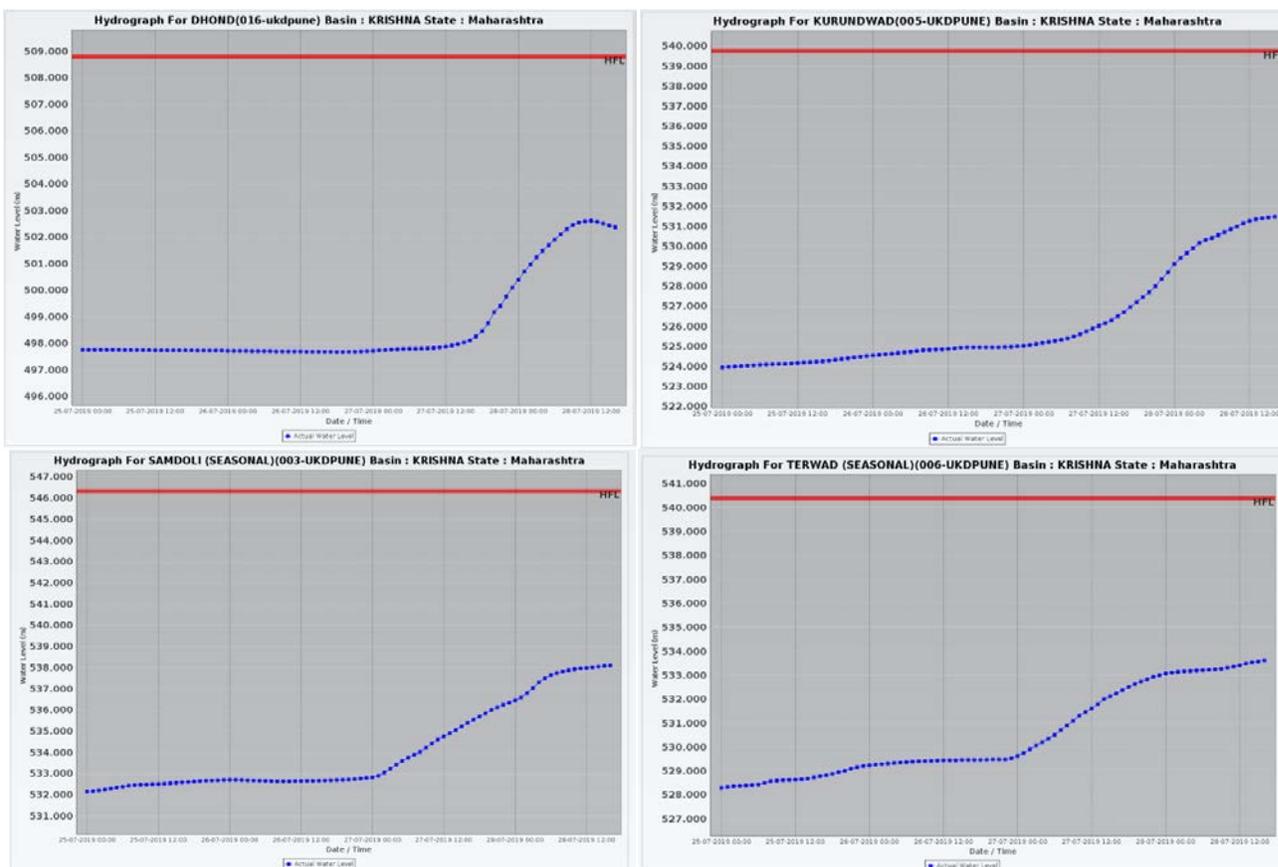
IMD has forecasted heavy to very Heavy rain at few places with isolated Extremely Heavy rainfall in Rajasthan, Konkan & Goa, Gujarat and Madhya Maharashtra between 29th July and 30th July. Heavy to Very Heavy rainfall has been forecasted for Odisha, Chhattisgarh, Madhya Pradesh, Telangana, Vidarbha during the same period.

2.2.1 Maharashtra & Goa

Due to ongoing extremely heavy rainfall in North Konkan and Madhya Maharashtra, many of the rivers in Thane, Raigad, Pune, Nasik, Ratnagiri, Palghar districts are expected to be in floods. River Bhima at Daundin, Pune Dist, River Krishna at Kurundwad in Sangli Dist., River Panchganga at Terwad in Satara Dist, River Warna at Samdoli in Satara Dist are in floods. The hydrograph of these sites are shown.

Since intense rainfall warning is likely to continue in Konkan, Goa and Madhya Maharashtra for next 24 hours, strict watch has to be maintained on all rivers in Thane, Raigad, Palghar, Ratnagiri, Sindhudurg, Pune, Nasik, Satara, Sangli and Kolhapur District. Precautions have to be taken in small dams where there are chances of spilling due to this rainfall. Due to ongoing heavy rainfall in Mumbai and its suburban areas, there is likelihood of urban flooding due to drainage congestion and water logging. Railway/Road movement over the bridges in the district should be regulated as there is likely to be water logging near rail track and over road bridges. All precautions have to be taken for the next 72 hours in view of the rainfall warnings given. There are also heavy inflows into many of the major dams such as Koyna, Warna, Vir dams in Pune and Satara Dist. However, they are all much below Full reservoir Level. Since

Khadakwasla dam is already full, there is possibility of releases from this dam and this may inundate low lying areas in Pune City along the rivers Mula and Mutha.



2.2.2 Karnataka, Telangana and Andhra Pradesh

Due to ongoing rains in Maharashtra and rise in water levels in Krishna and its tributaries, there is likelihood of increased inflows into **Almatti Dam** during the next 3-4 days. Since the dam is within 20 cm of Full reservoir Level, necessary precautions for release of water may be taken to avoid upstream submergence. River Krishna at Narayanpur is also expected to get the outflows from Almatti Dam and since Narayanpur Dam is almost 80% filled, releases may be done from Narayanpur Dam also which will be inflows into P D Jurala in Telangana and Srisaillam Dam in Andhra Pradesh. Since Srisaillam is Dam having very low storage, this spell will increase the storage in this dam.

2.2.3 Rajasthan & Madhya Pradesh

Due to ongoing and forecasted rainfall in East & West Rajasthan, Madhya Pradesh during the next 2-43 days, rivers Chambal and its tributaries Mahi, Sabarmati, Banas (West Flowing), Banas (Ganga Basin) as well as small rivers in West Rajasthan are likely to rise. There is already report of flash flooding in some districts of Rajasthan viz. Churu, Sikar, Jhunjhunu etc. Since the dams in these basins are presently having less than 40% of their capacity, these rains may help in filling up the reservoirs. However, some of the small dams in the East & West Rajasthan, Madhya Pradesh may get filled up very quickly and may start overflowing due to continuous nature of rainfall. Necessary precautions have to be taken for regulation of water through such small dams and tanks so that flooding in the downstream areas can be avoided. However, necessary warnings have to be given to all downstream areas regarding release of water well in advance.

2.2.4 Gujarat

There is forecast of extremely heavy rainfall between 28th and 30th July. Since most of the rivers are having very low flows, there is likelihood of sudden rise in water levels. Precautions may have to be exercised for those activities which are going on dry river beds as sudden rise in water levels may affect these works. There is likelihood of rise in reservoir levels in Gujarat as well as in Kutch areas. Since most of the dams have less storage, there will be increase in storage associated with this rainfall as per forecast.

2.2.5 Assam

Rivers Beki, Puthimari, Jia-Bharali and Brahmaputra are flowing in Severe Flood Situation in the districts of Barpeta, Kamrup, Sonitpur, Jorhat and Dhubri. These are likely to continue in Severe to Above Normal Flood for the next 2-3 days.

2.2.6 Bihar

Rivers Gandak, Burhi Gandak, Bagmati, Adhwara Group, Kamla Balan, Kosi and Mahananda continue in Severe to Above Normal Flood Situation. This is likely to continue for another 2-3 days in Bihar and then slowly fall as rainfall is expected to be reducing significantly.

Flood Affected Districts include:

Bihar: North Bihar Districts

Assam: Jorhat, Golaghat, Sonitpur, Kamrup, Barpeta, Goalpara, Dhubri, Cachar, Hailakhandi, Karimgunj

Uttar Pradesh: Barabanki, Balrampur and Kushinagar

Flood Alerted for next 3 days:

Maharashtra: Ratnagiri, Sindhudurg, Thane, Raigad, Palghar Pune, Satara, Sangli, Kolhapur and Nasik Districts

Rajasthan: Districts in Eastern Rajasthan in the basins of Chambal, Mahi, Sabarmati

Madhya Pradesh: Districts in Eastern Rajasthan in the basins of Chambal, Mahi

Gujarat: Districts in basins of Mahi, Banas (West Flowing), Sabarmati

Karnataka: Belagavi, Vijayapura, Bagalkote Kalaburagi Districts on river Krishna and its tributaries.

Map of Flood affected areas in UP, Bihar, Assam & West Bengal as on 28th July 2019

