



Daily Flood Situation Report cum Advisories

15-08-2019

1.0 IMD information

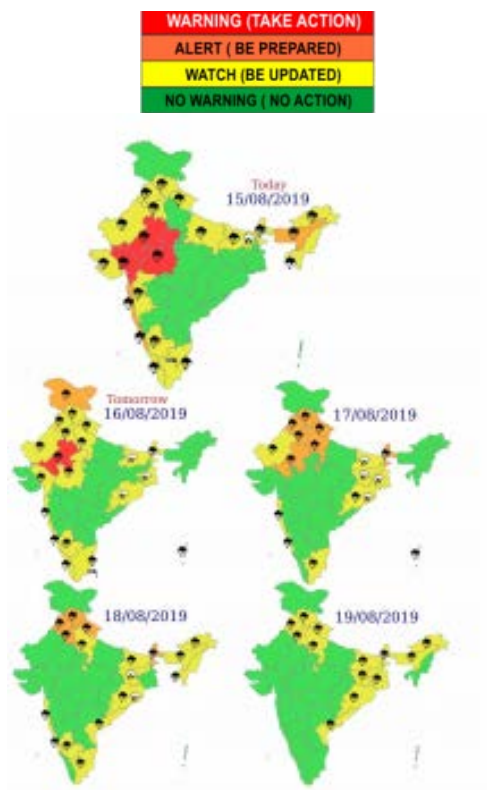
1.1 Rainfall Situation

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)
Patan (Madhya Pradesh)	24
Khurai (Madhya Pradesh)	23
Sanguem & Valpoi (Goa), Agumbe (Karnataka)	21 each
Dug (Rajasthan), Jabalpur & Basoda (Madhya Pradesh)	20 each
Degod & Pattan (Rajasthan), Margao (Goa)	19 each
Quepem (Goa)	18
Karwar (Karnataka)	17
Tonk & Talera (Rajasthan), Lateri (Madhya Pradesh), Canacona (Goa), Vadakara (Kerala)	16 each
Bundi, Mandana, Kota & Nainwa (Rajasthan), Sohra (Meghalaya)	15 each
Ladpura (Rajasthan), Sarangppur, Kuraki, Shujalpur, Sironj & Sehore (Madhya Pradesh), Ankola (Karnataka)	14 each
Indergarh (Rajasthan), Rehili, Biaora, Bhanpura & Agar (Madhya Pradesh), Dodamarg (Maharashtra), Shirali & Kammarai (Karnataka)	13 each
Niwai & Khandar (Rajasthan), Tonkhurd, Guna, Nalkheda, Sonkatch & Gotegaon (Madhya Pradesh)	12 each
Bhainsroadganj, Chaksa, Ramganjmandi & Asnawar (Rajasthan) Rajgarh, Begumgunj & Gharhakota (Madhya Pradesh), Panjim (Goa), Jiyyamma Valasa (Andhra Pradesh) Kundapur, Kadra & Siddapura (Karnataka)	11 each
Dausa, Sangod, Gangadhar & Choithkabarwara (Rajasthan), Rosera (Bihar), Haldia (West Bengal), Garoth, Suvasara, Mungolai, Pachhmari, Chachoda, Khiljipur & Satna (Madhya Pradesh)	10 each
Tezu (Arunachal Pradesh), Anta, Kishanganj, Jahalarapatan, Sawai Madhopur, Nagra Fort & Pirawa (Rajasthan), Phangota (Punjab), Mahroni (Uttar Pradesh), Sawantwadi, Gagnabavda and Koyan (Maharashtra), Chanderi & Tarana (Madhya Pradesh), Dabolim (Goa), Taepalligudem (Andhra Pradesh), Kollur, Mudibidre, Belthangadi, Kota, Gerusoppa & Mani (Karnataka), Devala (Tamilnadu)	9 each
Ranjitsagar Dam (Punjab), Bakani, Sikrai, Pipalda & Mahoharthana, Susner, Ichhawar, Chicholi, Vidisha, Sagar, Mandla, Tikamgarh, Kareli & Ajaygarh (Madhya Pradesh), Nagari (Andhra Pradesh), Honavar, Puttur, Manki & Bhagamandala (Karnataka)	8 each



1.1.2 Rainfall forecast for next 5 days issued on 15th August, 2019 (Midday) by IMD



2.0 CWC inferences

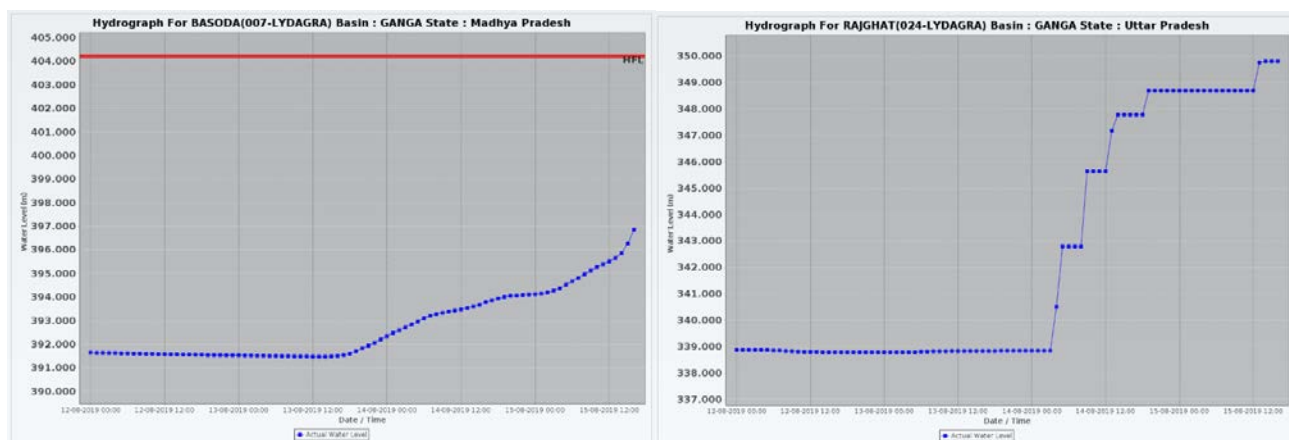
2.1 Flood Situations as per actual/ forecasted rainfall situation

FLOOD SITUATION SUMMARY		
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))	4
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	21
D	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	4
Total number of sites above Warning Level (A+B+C)		29
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)		26

For details pl visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb15082019.pdf>

2.1.1 Betwa & Ken Basin in Madhya Pradesh and Uttar Pradesh

Due to extremely heavy rainfall occurring in Betwa and Ken sub-basins of Yamuna Basin, there have been heavy inflows into Rajghat Dam in Ashoknagar District of Madhya Pradesh. As Rajghat Dam reached neary Full Reservoir Level (FRL), project released around 3 lakh cusec which was received by Matatila Dam in Lalitpur District. As this dam is also very near FRL, the dam also released around 2.75 lak h cusecto downstream areas, which is likely to affect the districts of Lalitpur & Jalaun in Uttar Pradesh. As the rainfall is likely to decrease, the inflows into both the dams may reduce rapidly as the weather system is moving away from the basin. Hydrograph of Basoda & Rajghat CWC Hydrological Observation (HO) Station is appended.



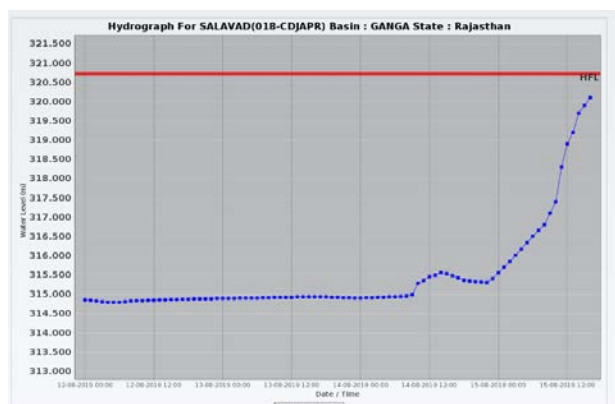
2.1.2 Narmada, Tapi Basin in Madhya Pradesh, Maharashtra & Gujarat

Due to ongoing extremely heavy rainfall in Madhya Pradesh in Narmada Basin in Madhya Pradesh, there is likelihood of rapid rise in Water Levels in Hoshangabad, Dewas, Indore. Most of the dams in Narmada Basin have more than 80% storage. Storage in Bargi, Tawa and Indirasagar are 91%, 90% and 83% and any huge inflow due to the heavy rainfall forecast may increase the reservoir levels and would force to release excess water. Reservoir releases have to be done after informing all stake holders well in advance including those in downstream States.

River Tapi is also likely to get heavy inflows into Hatnur and the releases from Hatnur will be inflows to Ukai Dam. In view of the forecasted rainfall in the catchment areas of the river in Madhya Pradesh, strict vigil may be maintained in resevoir regulations.

2.1.3 Chambal Basin in Madhya Pradesh & Rajasthan

Due to ongoing extremely heavy rainfall in Madhya Pradesh and Rajasthan in Chambal Basin, river Chambal and its tributaries in Madhya Pradesh and Rajasthan are rising rapidly. Gandhisagar Dam in Mandsour District of Madhya Pradesh is rising rapidly and is likely to get an inflow of around 3.5 Lakh cusec which will take it very close to its FRL. As extremely heavy rainfall is forecasted to continue in West Madhya Pradesh and in East Rajasthan on 16th and 17th August also, strict watch is to be maintained for releasing any excess flow from the dams in this basin. Hydrographs of CWC HO Stations Salavad which is nearing HFL is attached.



2.1.4 Krishna Basin in States of Karnataka, Telangana and Andhra Pradesh

In Karnataka due to combined effect of Krishna, Ghataprabha, Malaprabha and Bhima, the inflows into major dams are around 3 to 4 lakh cusec in Almatti, Narayanpur dams in Vijayapura and Yadgir Districts of Karnataka. The combined inflow of Krishna and Bhima is being received in P D Jurala Project in Jogulamba Gadwal which is being released downstream to Srisaillam Dam in Kurnool District of Andhra Pradesh. As Srisaillam dam has reached near to its Full reservoir Level (FRL), they have started releasing to Nagarjunasagar Dam in Nalgonda District of Telangana.

River Tungabhadra has flowed in Severe to Extreme Flood Situation in many of the Hydrological Observation Stations in the districts of Shivamogga, Koppal, Davangere and Ballari. Releases from Tungabhadra Dam have reduced significantly and inflows into Srisaillam has also decreased slightly. However, the releases from Srisaillam are being maintained and that from NS Dam and Pulichintala project is flowing to Prakasam Barrage.

2.1.4 Cauvery Basin in States of Kerala, Karnataka and Tamilnadu

Most of the dams in Upper Cauvery Basin have nearly attained their FRL and have started releasing excess flow. As the rainfall has reduced considerably, the outflows from Kabini, Harangi, Hemavathi and KRS Dam have been reduced significantly. However, caution has to be exercised in releasing excess flow as most of the dams are very near FRL.

Mettur Dam will be receiving the inflows from all upstream dams and may get very near to FRL. Proper releases have to be done in case of any heavy releases from upstream dams.

2.1.6 Ganga Basin

Due to ongoing heavy to very heavy rain in parts of Uttarakhand and Uttar Pradesh, there is chance of rise in water levels in Alaknanda, Mandakini, Bhagirathi, Ramganga, Ganga, Sharda, Sarju, Ghaghra, Rapti rivers. River Ganga is flowing in Severe Flood Situation in Badaun District and Ghaghra is flowing in Severe to Above Normal flood situation in Barabanki, Faizabad and Ballia Districts. Besides, there is forecast of heavy to very heavy rain in Himachal Pradesh, Haryana and NCT. Due to this, there is likelihood rise in waters of Yamuna. From Hathnikund Barrage in Yamunanagar Dist of Haryana passed around 1.5 lakh cusec yesterday and it is likely to reach Mawi in Muzzafarnagar District of UP by today evening. Further, as rainfall is expected to continue, river Yamuna may rise rapidly in upstream reaches in Dehradun District, Sirmour District of HP and Yamunanagar Dist of Haryana. Maximum precautions have to be taken to release excess flow with proper information to downstream States.

2.1.7 Sutlej Basin

Due to heavy rain forecasted in HP, Haryana and Punjab for next 48 hours, there is possibility of rise in Water Levels of Rivers Sutlej, Ravi and Ghaggar. Necessary precautions have to be taken against flooding and inundation in these States.



Flood Affected Districts

Maharashtra: Pune, Sholapur, Satara, Sangli, Kolhapur, Nasik

Karnataka: Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur, Dakshina Kannada, Udupi, Uttara Kannada, Chikmagalur, Hassan, Kodagu, Shivamogga, Mysuru, Mandya, Chamarajnagra, Koppal, Ballari

Kerala: Kasargod, Kannur, Kozhikode, Wynad, Malappuram, Palakkad, Thrissur, Ernakulam, Idukki and Pattanamthitta

Tamilnadu: Coimbatore, Nilgiris, Erode, Dharmapuri, Krishnagiri, Salem

Uttar Pradesh: Badaun, Barabanki, Faizabad, Ballia

Flood Alerted Districts

Madhya Pradesh: Districts in Narmada, Tapi, Ken, Betwa, Chambal, Wainganga & Wardha

Rajasthan: Districts in Mahi, Chambal, Luni Basins

Gujarat: Districts in Mahi, Luni Basins.

Uttarakhand: Districts in the basins of Alaknanda, Yamuna, Ramganga, Sharda, Sarju

HP & Punjab: Districts in basins of Sutlej, Ravi, Yamuna and Ghaggar

