



Daily Flood Situation Report cum Advisories 16-08-2019

1.0 IMD information

1.1 Rainfall Situation

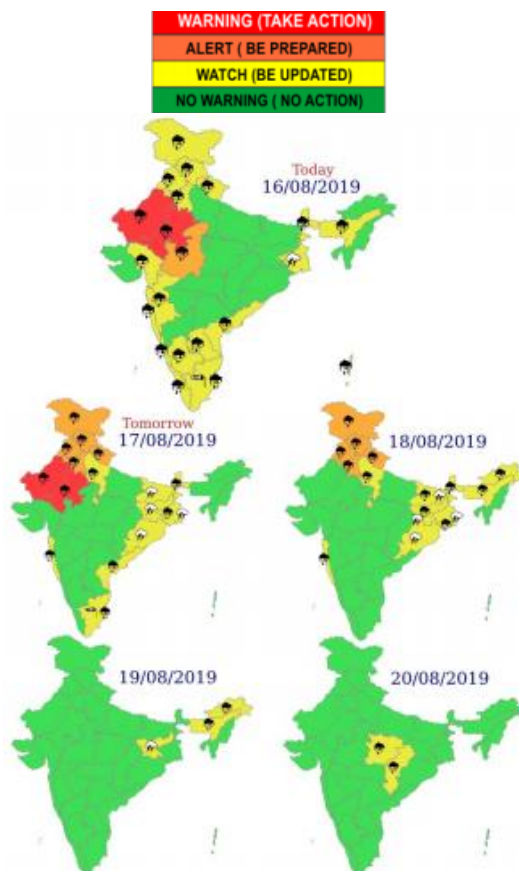
1.1.1 Amount of rainfall recorded at 0830 hours IST of today (8 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Chittorgarh & Begu (Rajasthan)	30 each
Pali (Rajasthan)	28
Chabra (Rajasthan)	26
Mandalgarh & Atru (Rajasthan)	24
Pratapgarh (Rajasthan)	22
Dug (Rajasthan)	21
Chipabarod (Rajasthan)	20
Bijoliya (Rajasthan)	19
Mandal & Asnawar (Rajasthan)	18 each
Rohat , Khanpur & Sojat (Rajasthan), Manasa (MP)	17 each
Gangdhar (Rajasthan)	16
Mandsaur (MP)	15
Bhanpura, Suwesra & Susner (MP), Manki (Karnataka)	14 each
Desuri, Tatgarh, Vijaynagar, Banera, Badasar, Gangrar & Deogarh (Rajasthan)	13 each
Mount Abu, Bilara, Bhilwara, Barisadri, Nimbahera, Ramganjmandi, Chotisadri & Marwar (Rajasthan), Garot (MP)	12 each
Ahore, Hurda, Jahazpur, Bakani, Pirawa & Jhandol (Rajasthan), Sarangpur, Guna, Nalkheda & Neemuch (MP), Long Islands (Andaman & Nicobar),	11 each
Baran, Asind, Salumber, Vega, Aklera & Arnod (Rajasthan), Biaora & Agar (MP)	10 each
Udaipur, Bhungra, Anta & Bhopalsagar (Rajasthan), Port Blair (Andaman & Nicobar),	9 each
Raipur, Rashmi, Rajsamand, Khander, Sarara & Bhopalgarh (Rajasthan), Deesa (Gujarat), Honavar & Ankola (Karnataka)	8 each





1.1.2 Rainfall forecast for next 5 days issued on 16th 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))	5
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	15
Total number of sites above Warning Level (A+B+C)		20
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)		25

For details please visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-16082019.pdf>

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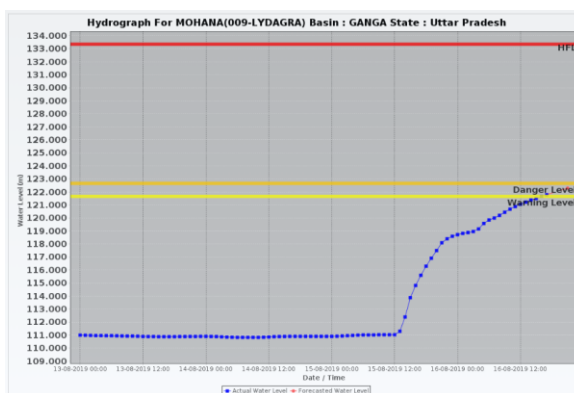


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Conserve Water – Save Live

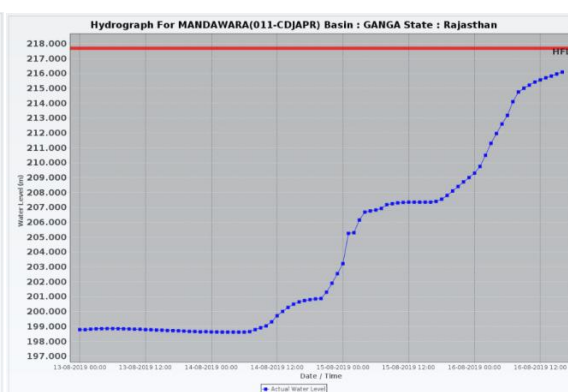
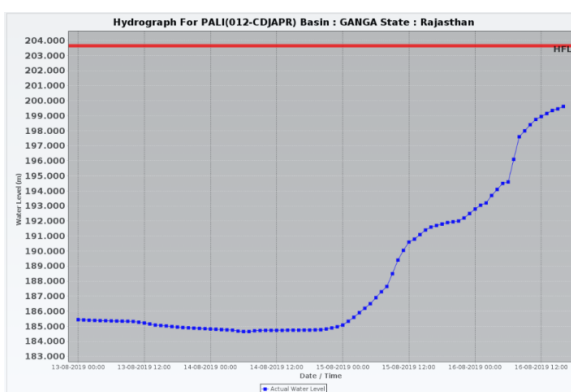
2.1.1 Betwa & Ken Basin in Madhya Pradesh and Uttar Pradesh

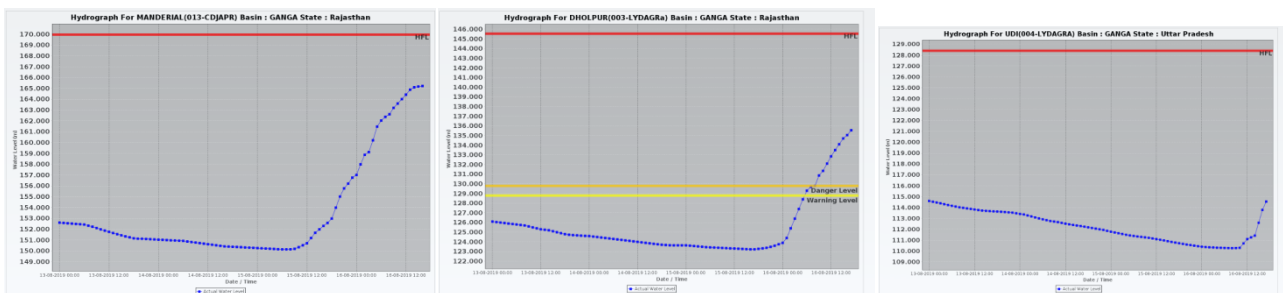
Due to extremely heavy rainfall occurring in Betwa and Ken sub-basins of Yamuna Basin, there have been heavy inflows into Rajghat Dam in Ashoknagar District of Madhya Pradesh. As Rajghat Dam reached near Full Reservoir Level (FRL), project released around 4.5 Lakh cusec which was received by Matatila Dam in Lalitpur District of Uttar Pradesh. As this dam is also very near FRL, the dam also released around 3 to 3.5 Lakh cusec to downstream areas, which is likely to affect the districts of Lalitpur & Jalaun in Uttar Pradesh. River Betwa is now flowing in Above Normal Flood Situation at Mohana in Jalaun Dist. 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 Mohana is appended.



2.1.2 Chambal Basin in Madhya Pradesh & Rajasthan & Uttar Pradesh

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 Mandsaur 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 East Rajasthan on 17th August also, strict watch is to be maintained for releasing any excess flow from the dams in this basin. River Chambal downstream of Kota Barrage in Rajasthan is flowing very near to HFL at Pali in Sawaimadhopur District, Mandawara in Kota District, Manderail in Karrauli District and at Dholpur in Dholpur District of Rajasthan. It has started rising at Udi in Etawah District of Uttar Pradesh. Hydrographs of stations are appended.





2.1.3 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 still continuing to be 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 Srisailem Dam in Kurnool District of Andhra Pradesh. As Srisailem dam has reached near to its Full reservoir Level (FRL), they have started releasing to Nagarjunasagar Dam in Nalgonda District of Telangana.

However, the releases from Srisailem are being maintained at around 6 to 7 Lakh cusec. Releases from NS Dam and Pulichintala project is flowing to Prakasam Barrage. The releases from Paksam Barrage are now flowing to Avanigadda in Krishna District which is in Above Normal Flood Situation.

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 or at FRL. Even a moderate rainfall of around 10 to 30 mm may give rise to increased inflows.

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.

2.1.5 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. Maximum precautions have to be taken to release excess flow with proper information to downstream States. There may be chance of cloud burst in the hilly regions of HP and Uttarakhand. Necessary precautions to avoid casualties and loss of lives have to be taken in the Hill Districts of these states.

2.1.6 Sutlej, Ravi & Ghaggar Basin in HP, Haryana, Punjab

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.



2.1.7 Jhelum and Chenab Basins in J&K

Due to forecasted heavy rain forecasted in Chenab and Jhelum Basin due to likely interaction between approaching Western Disturbance and the well marked low pressure area near Rajasthan, there is likelihood of heavy to very heavy rain in Jhelum and Chenab Basin in Jammu & Kashmir. This may increase the water level of many of the rivers in these basins. Strict watch is to be maintained for preventing any flood damages in the district. There may be chance of cloud burst also in some of the hilly reaches of J&K for which necessary precautions have to be taken.

Flood Affected Districts

Maharashtra:	Kolhapur
Karnataka:	Belagavi, Vijayapura, Bagalkote, Yadgir, Raichur, Dakshina Kannada, Udupi, Uttara Kannada, Chikmagaluru, Hassan, Kodagu, Shivamogga,
Kerala:	Kasargod, Kannur, Kozhikode, Malappuram,
Uttar Pradesh:	Badaun, Barabanki, Faizabad, Ballia, Lalitpur, Jalaun, Etawah
Rajasthan:	Sawaimadhopur, Kota, Karrauli, Dholpur
MP:	Ashoknagar, Vidisha, Ratlam, Mandsaur,

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
UP:	Districts in Chambal, Yamuna, Ken & Betwa basins.
HP & Punjab:	Districts in basins of Sutlej, Ravi, Yamuna and Ghaggar
J&K:	Districts in Basins of Chenab & Jhelum.





Flood Affected and Alerted Districts in the Country

