



## Daily Flood Situation Report cum Advisories 17-08-2019

### 1.0 IMD information

### 1.1 Rainfall Situation

#### 1.1.1 Amount of rainfall recorded at 0830 hours IST of today (6 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Diamond Harbour (West Bengal)	20
Karimgunj (Assam)	19
Degana (Rajasthan), Vellore (Tamilnadu)	17 each
Rudravaram (AndhraPradesh)	16
Ghedal (Rajasthan)	15
Kolkata (West Bengal), Mt. Abu (Rajsthan)	14 each
Rajharni (J&K), Salt Lake (West Bengal), Makrana (Rajsthan), Cuddalore (Tamilnadu)	13 each
Dharamshala & Kangra (HimachalPradesh), Sojat (Rajasthan), Ariyalur (Tamilnadu)	12 each
Madhopur & Ranjitsagar Dam (Punjab), Jodhpur Tehsil, Rohat, Ameth, Bayana & Tatgarh (Rajsthan), Polur (Tamilnadu)	11 each
Malakpur (Punjab), Bali, Ajmer, Arai & Kumbhatgarh (Rajasthan), Villupuram (Tamilnadu)	10 each
Joshimath (Uttarakhand), Osian, Didwana, Pali, Marwar, Sirohi & Srinagar (Rajsthan), Uluberia, Contai, Dumdum & Haldia (West Bengal), Srungavarapurkota (Andhra Pradesh), Port Blair (A&N Islands), Kodavasal (Tamilnadu)	9 each
Puthimari N H Crossing (Assam), Canning (West Bengal), Kendrapara (Odisha), Bikaner & Kekri (Rajasthan), Harij (Gujarat), Long Island (A&N Islands), Karkala (Karnataka), Thanjavur & Gingee (Tamilnadu)	8 each
Dalhousie (Himachal Pradesh), Deoprayag (Uttarakhand), Bhinga (Uttar Pradesh), Sahahpur (Punjab), Garudeshwar (Gujarat), Ahore, Luni, Raipur, Viratnagar, Udaipur Wati, Railmogra, Pindwara & Malpura (Rajsthan), Borpathar (Assam), Suri (Jharkhand), Nayagarh (Odisha), Gerusoppa & Bellur, (Karnataka), Panruti, Tiruvadanai, Sendurai & Tiruvarur (Tamilnadu)	7 each
Chamba, Palampur & Kufri (Himachal Pradesh), Amritsar (Punjab), Birdghat (Uttar Pradesh), Tezara, Jahazpur, Deoli, Nainwa, Rajasmund, Nokh & Nawa (Rajasthan), Jalpaiguri (West Bengal), Altuma (Odisha), Quant (Gujarat), Venkatagirikota, Avanigadda & Allagadda (AndhraPradesh), Teli (Karnataka), Thirukoilur, Sriperumpudur, Mudukulathur, Tirupattur & sankarapuram (Tamilnadu)	6 each



## 1.1.2 Rainfall forecast for next 5 days issued on 17<sup>th</sup> August, 2019 (Midday) by IMD



## 2.0 CWC inferences

### 2.1 Flood Situations as per actual/ forecasted rainfall situation

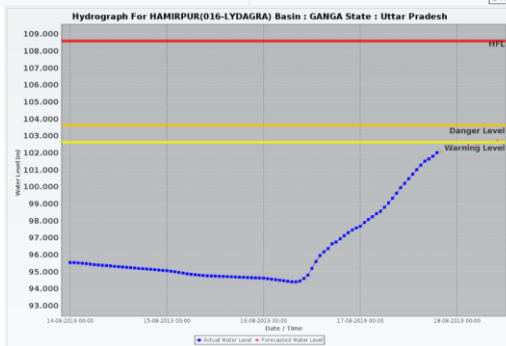
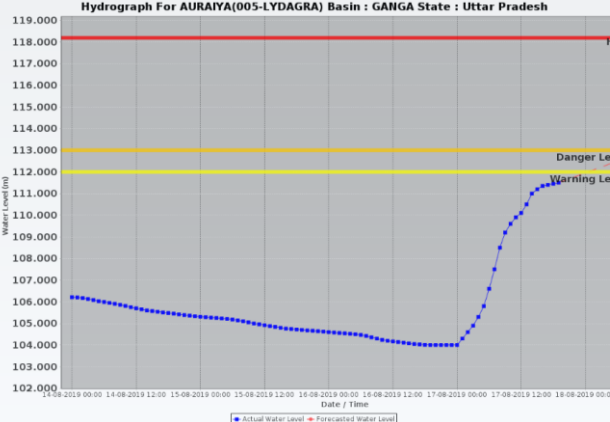
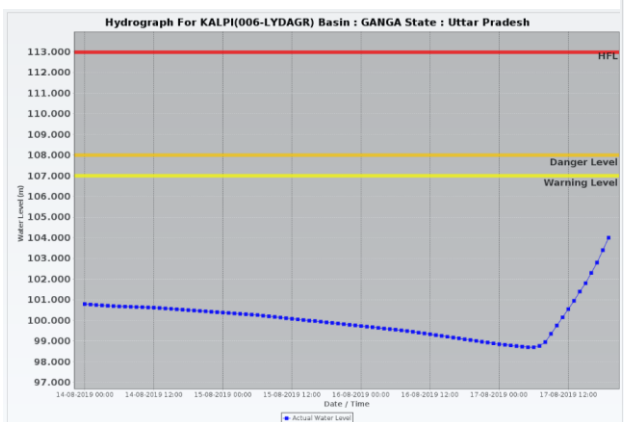
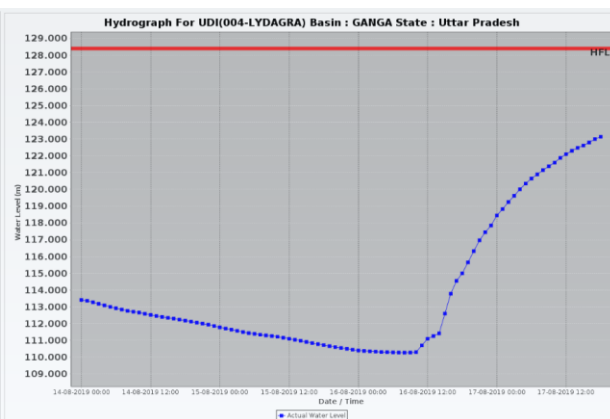
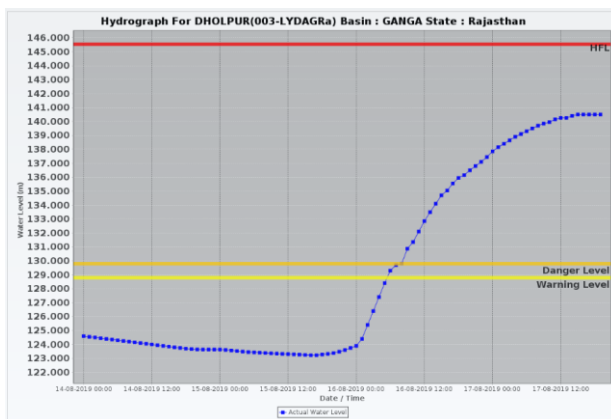
FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	<b>0</b>
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	<b>7</b>
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	<b>14</b>
Total number of sites above Warning Level ( A+B+C)		<b>21</b>
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)		<b>24</b>

For details please visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-17082019.pdf>



## 2.1.1 Chambal & Yamuna Basin in Rajasthan and 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. As very heavy rainfall is forecasted to continue in Rajasthan on 18<sup>th</sup> 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 in Severe Flood Situation at Dholpur in Dholpur District of Rajasthan. It has started rising at Udi in Etawah District of Uttar Pradesh. Due to the rise in Chambal, river Yamuna is rising rapidly at Auraiya in Auraiya District, Kalpi in Jaluan District and Hamirpur in Hamirpur District of Uttar Pradesh. Hydrographs of stations are appended.





## 2.1.2 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 overflow from Paksam Barrage is now flowing to Avanigadda in Krishna District which is in Above Normal Flood Situation.

## 2.1.3 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.

## 2.1.4 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, Delhi. 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.

## 2.1.5 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.

## 2.1.6 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 low pressure area near North Rajasthan and adjoining areas of Punjab & Haryana, 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

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

### Flood Alerted Districts

<b>Rajasthan:</b>	Districts in Mahi, Chambal, Luni Basins
<b>Gujarat:</b>	Districts in Mahi, Luni Basins.
<b>Uttarakhand:</b>	Districts in the basins of Alaknanda Bhagirathi, Yamuna, Ramganga, Sharda, Sarju
<b>UP:</b>	Districts in Chambal, Yamuna, Ken & Betwa basins.
<b>HP &amp; Punjab:</b>	Districts in basins of Sutlej, Ravi, Yamuna and Ghaggar
<b>J&amp;K:</b>	Districts in Basins of Chenab & Jhelum.





### Flood Affected and Alerted Districts in the Country

