



Daily Flood Situation Report cum Advisories

05-08-2019

1.0 IMD information

1.1 Rainfall Situation

1.1.1 Amount of rainfall recorded at 0830 hours IST of today (16 cm or more) as per IMD

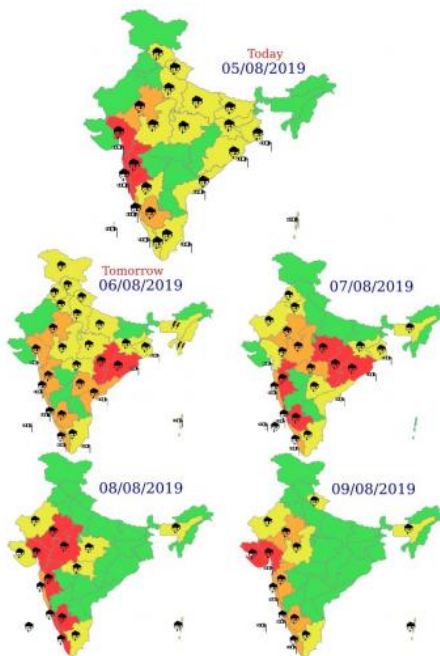
Name of Place (State)	Rainfall (in cm)
Umerpada (Gujarat)	59
Mangrol (Gujarat), Jawahar (Maharashtra)	45 each
Triambkeshwar (Maharashtra)	40
Mahabaleshwar (Maharashtra)	38
Igatpuri & Dawdi (Maharashtra)	37 each
Kaprada (Gujarat)	36
Hansot (Gujarat)	35
Dediapada (Gujarat)	32
Shirgaon (Maharashtra)	31
Koyna (Maharashtra)	30
Ambone (Maharashtra)	29
Gaganbawda & Dunderwadi (Maharashtra), Ukai (Gujarat)	28 each
Ratnagiri & Khand (Maharashtra)	27 each
Harsul (Maharashtra)	26
Thandla (MP), Bhivpuri & Tamini (Maharashtra)	25 each
Peth (Maharashtra)	24
Lonavala & Ozerkheda (Maharashtra)	23 each
Shiroto (Maharashtra)	22
Dindori & Khopoli (Maharashtra), Avalanche (TN)	21 each
Nanipalson, Valia, Mandui & Quant (Gujarat), Lonavala (Maharashtra)	20 each
Subir & Songadh (Gujarat)	19 each
Khanvel, Madhbun & Uchchal (Gujarat)	18 each
Nasik city (Maharashtra)	16





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

WARNING (TAKE ACTION)
ALERT (BE PREPARED)
WATCH (BE UPDATED)
NO WARNING (NO ACTION)



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))	13
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	25
D	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	3
Total number of sites above Warning Level (A+B+C)		41
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)		20

For detail bulletins refer to <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-05082019.pdf>

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Conserve Water – Save Live



2.1.2 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 Odisha, Chhattisgarh, East Madhya Pradesh from 7th to 8th August, Madhya Maharashtra, Gujarat Region, Konkan & Goa on 6th and 8th August, Coastal, South Interior Karnataka and Kerala on 8th and 9th August, West Madhya Pradesh and East Rajasthan on 9th August.

2.2. Maharashtra & Gujarat

2.2.1 West Flowing Rivers

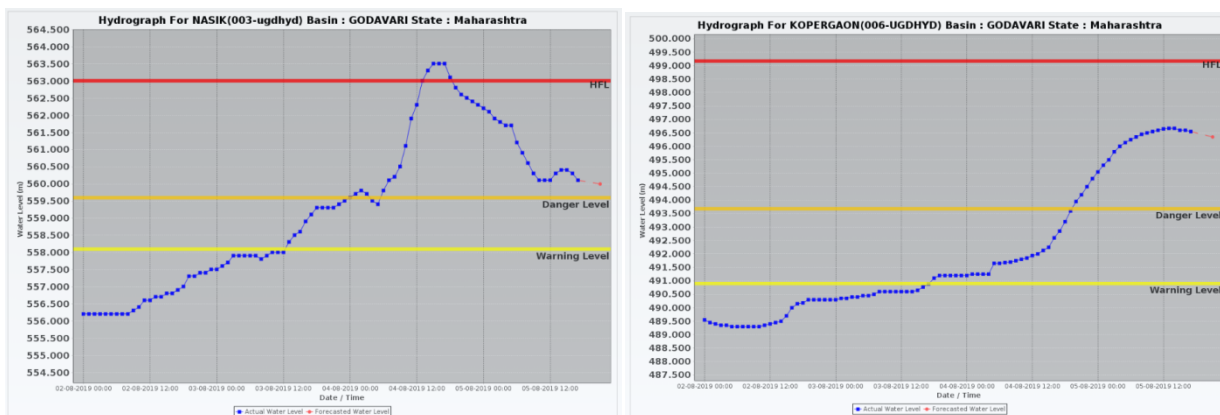
Due to ongoing extremely heavy rainfall in Maharashtra, many of the rivers in Thane, Raigad, Pune, Nasik, Ratnagiri, Palghar districts were in severe floods and are presently in falling trend. Due to extremely heavy rainfall forecast on 6th and 8th August, most of the west flowing rivers such as Ulhas, Kal, Savithri may again rise and cause inundation.

Strict watch has to be maintained on all rivers in Thane, Raigad, Palghar, Ratnagiri, Sindhudurg, Pune, Nasik. Precautions have to be taken in small dams where there are chances of spilling due to this rainfall.

Due to expected 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.

2.2.2 Godavari Basin in Maharashtra, Chhattisgarh , Odisha, Telangana and Andhra Pradesh

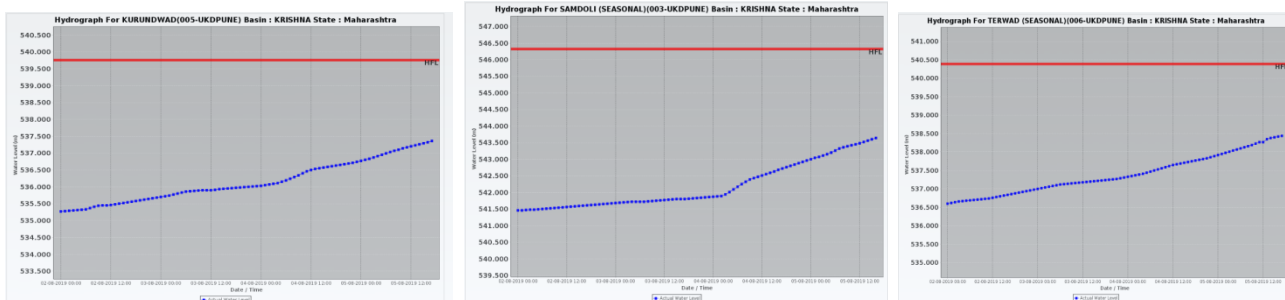
Due to extremely heavy rainfall in Nasik District of Maharashtra most of the dams in source regions of Godavari have started surplussing leading to Extreme Flood in Nasik on river Godavari Yesterday. Since the rainfall is still continuing, the river is still flowing in Severe Flood Situation. River Godavari also continues in Severe Flood in Kopergaon at Ahmednagar District also Hydrograph is appended.



Due to forecasted extremely heavy rainfall from 7th onwards in Odisha, Chhattisgarh, East Madhya Pradesh and Vidarbha during 7th to 9th May 2019, there is likelihood of rise in river levels in Indravathi, Sabari, Pranhita and Lower Godavari Basins in the States of Odisha, Chhattisgarh, Maharashtra, Telangana and Andhra Pradesh. River Godavari continues to flow in Above Normal Flood Situation at Eturunagaram in Jayashankar Bhupalapally and at Dowlaiswaram Barrage in East Godavari District of Andhra Pradesh. Since the present water level is quite high any further increase in rainfall will lead further flooding in the Godavari Basin.

2.2.4 Krishna Basin in States of Maharashtra, Karnataka, Telangana and Andhra Pradesh

Due to ongoing extremely heavy rainfall for the past 10 days, river Krishna is rising all along its course in Maharashtra from its source regions. River Krishna is rising at Karad, Arjunwad, Kurundwad and River Bhima is rising in Daund, River Krishna and its tributaries Panchganga and Varna are flowing in Severe Flood Situation at Kurundwad, Terwad and Samdoli all in Kolhapur District respectively.





Since very heavy to extreme rainfall has been forecasted to continue for another 2 days, proper precautions have to be taken and advance release of water may have to be resorted to in order to avoid panic discharges after dam attaining FRL. Necessary warnings to downstream reaches have to be done well in advance to avoid inundation in downstream areas. Downstream states have also to be warned well in advance for taking proper precautionary measures. 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.

Due to heavy flows in river Krishna and from many of the tributaries of river Krishna in Maharashtra as well as heavy rains in Belagavi, Vijayapura and Kalaburagi Districts of Karnataka, there is likely to be increased flows in river Krishna and its tributaries in Karnataka in the districts of Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur are likely to face increased water levels. Since most of the dams and barrages in Karnataka and Telangana on river Krishna are already very near Full Reservoir Level (FRL), there is likelihood of increased inflows into Srisaillam dam during the next 3-4 days which will take it very near the FRL in the coming week.

2.2.5 Assam

Rivers Buridehing, Dikhow, Desang, Jia-Bharali Dhansiri (S) and Brahmaputra are flowing in above normal to Severe Flood Situation in the districts of Sonitpur, Shivsagar, JorhatandvGolaghat. 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, KamlaBalan, Kosi and Mahananda continue in Severe to Above Normal Flood Situation. This is likely to continue for another 2-3days in Bihar and then slowly fall as rainfall is not forecasted in Bihar.

Flood Affected Districts include:

Bihar:	North Bihar Districts
Assam:	Jorhat, Golaghat & Sonitpur
Maharashtra:	Ratnagiri, Sindhudurg, Thane, Raigad, Palghar, Pune, Satara, Sangli, Kolhapur & Nasik
Karnataka:	Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur

Flood Alerted Districts include:

Maharashtra:	Districts in the basins of Wainganga, Wardha, Pranhita, Penganga
Gujarat:	Surat, Vapi, Tapi, Dangs, Narmada
Dadra Nagar Haveli:	Silvassa
Daman & Diu:	Daman
Chhattisgarh:	Districts in the basins of Mahanadi, Indravathi, Sabari
Karnataka:	Kodagu, Shivamogga, Chikmagalur, Hassana, Ballari, Koppal
Kerala:	Kasargod, Kannur, Kozhikode, Wynad



Flood Affected and Alerted areas in the Country

