



Daily Flood Situation Report cum Advisories

30-07-2019

1.0 IMD information

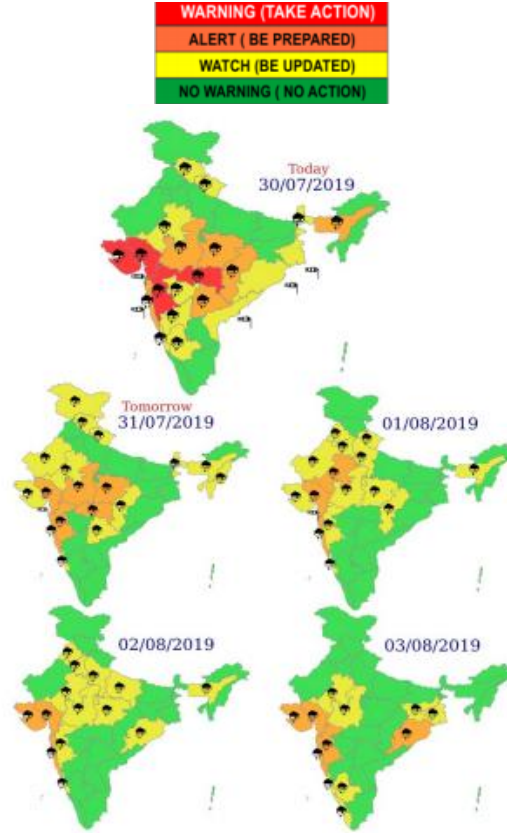
1.1 Rainfall Situation

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)
Dharampur (Gujarat) & Mulchera (Maharashtra)	29
Lonavala (Maharashtra)	28
Sehore (MP)	25
Ashti (Maharashtra)	24
Mahabaleshwar & Gaganbavda (Maharashtra), Bhatpalli (Telangana)	23 each
Rajkot (Gujarat)	22
Bejjur (Telangana), Waghai (Gujarat)	21 each
Kaprada (Gujarat)	19
Sirpur (Telangana), Karjat & Ahiri (Maharashtra)	18 each
Bhopal (MP), Jawhar (Maharashtra), Madhuban (Dadra & Nagar Haveli)	17 each
Khandwa (MP), Lanja & Vikramgad (Maharashtra), Silvassa (Dadra & Nagar Haveli)	16 each
Matheram (Maharashtra), Surgana & Chandgad (Maharashtra)	15 each
Sohra Rkm (Meghalaya), Bhira (Maharashtra)	14 each
Chandrapur, Khalapur, Kudal, Poladpur, Bhiwandi, Triambakeshwar, Velhe & Wada (Maharashtra), Kagaznagar (Telangana), Nanipalson (Gujarat), Sandiya (MP)	13 each
Khargone (MP), Adilabad & Dahegaon (Telangana), Khanapur & Santeguli (Karnataka), Mokheda, Dodamarg, Pen, Chiplun, Khed & Rajapur (Maharashtra), Mahuva (Gujarat)	12 each
Wankdi, Bheemini, Bazarhathnoor & Utnur (Telangana), Gersoppa & Londa (Karnataka), Mandangad, Kankavli & Vaibhavwadi (Maharashtra), Valpoi (Goa), Padhana (MP)	11 each
Brahmapuri (Maharashtra), Boath (Telangana) & Kittur (Karnataka)	10 each
Kolhapur (Maharashtra), Talamadugu & Tamsi (Telangana), Sohra (Meghalaya), Mahad (Maharashtra)	9 each
Belgaum & Kadra (Karnataka), Tala, Mangaon, Guhagarh, Talasari & Roha (Maharashtra), Gadarwara (MP)	8 each



1.1.2 Rainfall forecast for next 5 days issued on 30th 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))	15
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	16
D	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	7
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)		16

For detail bulletins refer to http://cwc.gov.in/sites/default/files/cfc-cwdfb-30072019_1.pdf

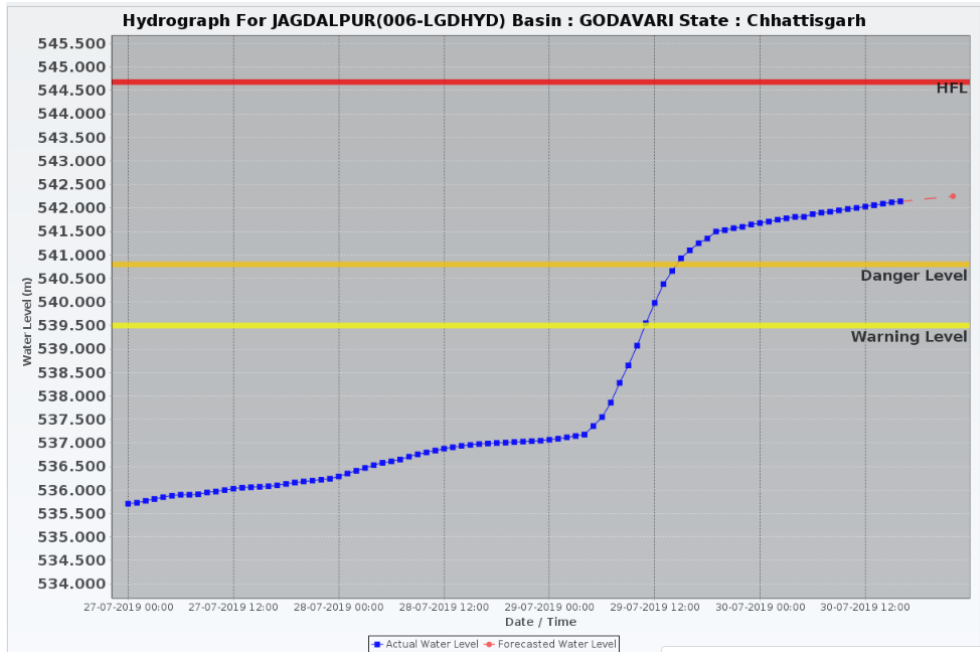


2.2 Flood Situation as per actual/ forecasted rainfall situation

IMD has forecasted heavy to very Heavy rain at few places with isolated Extremely Heavy rainfall in Vidarbha, Madhya Maharashtra and Gujarat on 31st July. Heavy to Very Heavy rainfall has been forecasted on many of the days for Chhattisgarh, Madhya Pradesh, Konkan & Goa and Madhya Maharashtra during 1st to 4th August,

2.2.1 Chhattisgarh

River Indravathi at Jagdalpur in Bastar District continues to flow in Severe Flood Situation with rising trend. Hydrograph of river Indravathi at Jagdalpur in Bastar Dist is shown below:



2.2.1. a Telangana & Andhra Pradesh in Godavari Basin

Due to rapid rise of water levels of Indravathi at Pathagudem and river Pranhita at Tekra, river Godavari is likely to rise all along its course from confluence point in Jayashankar Bhupalapally District and upto Bhadrachalam in Bhadradi Kothagudem District. As the rainfall is expected to continue for another two days in Vidarbha and Telangana, there is likely hood of Above Normal to Severe Flooding in downstream reaches in the districts of Jayashankar Bhupalapally, Bhadradi Kothagudem and East Godavari Districts. River Sabari is also likely to be flood in Chinturu and Kunavaram in East Godavari District due to back water. Necessary precautions for warning level to danger level flood may be taken in all these districts. Advisory for crossing Warning Level by tonight at Eturunagaram in Jayashankar Bhupalapally District has already been issued by CWC, Hyderabad to respective District Collector and the Hydrograph of river Godavari at Eturunagaram are as shown below:

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Phone: 29808749
Fax: 29808752

Government of India
Central Water Commission
Lower Godavari Division

11-4-648, III floor,
Krishna Godavari Bhavan
A.C. Guards, Hyderabad

No. LGD/FC/2016-M/

Dated: 30/07/2019
Time: 17.15 hrs

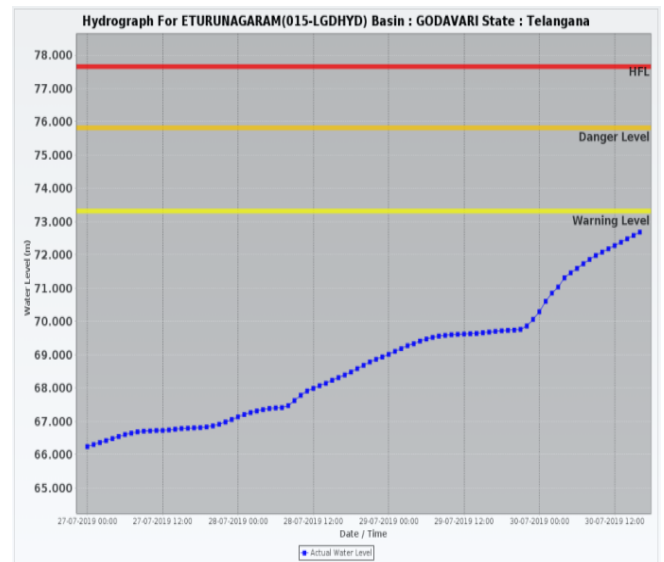
ADVISORY FORECAST ETURUNAGARAM

Addressed to:

The District Collector, Jayshankar Bhupalpally.

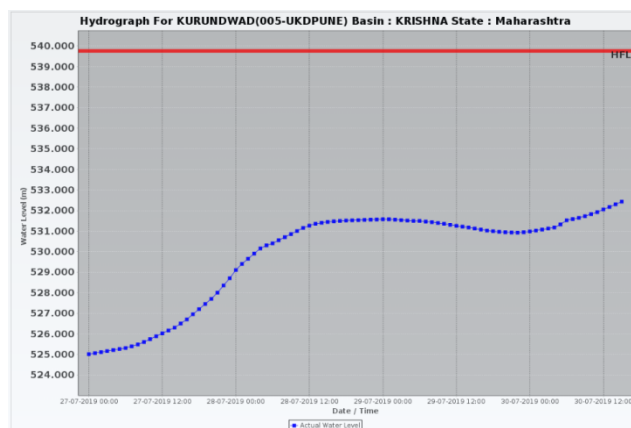
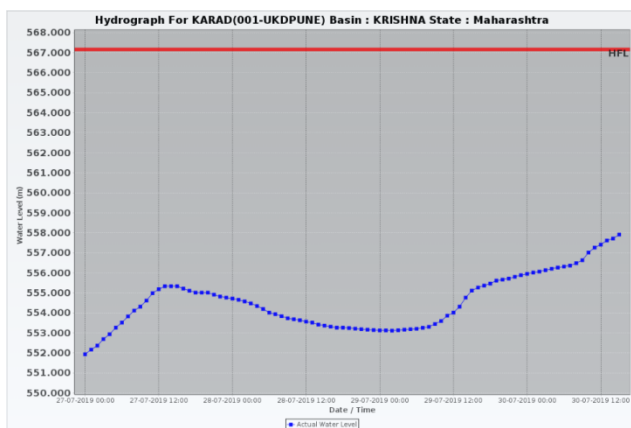
The SDE, Warangal

Due to Heavy Rainfall in the upper catchments and raise of Water levels in the upstream the Water level at Eturunagaram may reach warning level by today night. Actual forecast will be issued after crossing warning level.

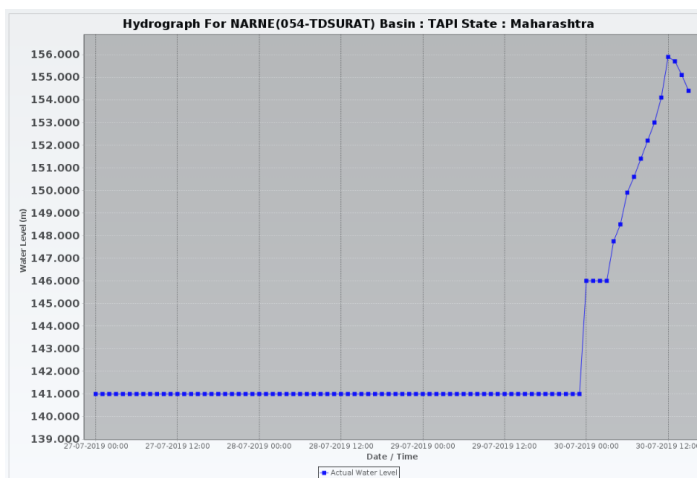


2.2.2 Maharashtra & Goa

Due to ongoing extremely heavy rainfall in Maharashtra, many of the rivers in Thane, Raigad, Pune, Nasik, Ratnagiri, Palghar districts are expected to be in floods. In Addition to the 23 cm rainfall recorded at Mahabaleshwar in the source region of rivers Krishna, Koyna, Savithri, another 7 cm has added during the period 0830 to 1730 hours on 30th July 2019. Due to this, River Krishna at Karad in Satara District 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 situation is likely to continue for next 2-3 days in association with Heavy to Very Heavy rainfall forecasted in these basins.

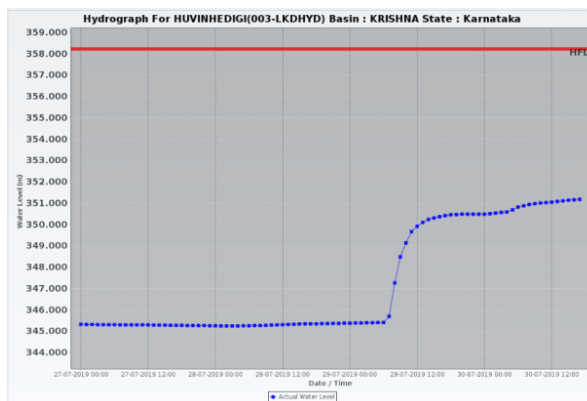


Since very heavy rainfall warning is likely to continue in Konkan, Goa and Madhya Maharashtra for next 24 hours, strict watch has to be maintained on all rivers in Thane, Raigad, Palghar, Ratnagiri, Sindhudurg, Pune, Nasik, Satara, Sangli and Kolhapur District. Precautions have to be taken in small dams 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 Vir dam in Pune and Koyna & Warna dam in 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. River Tapi is also rising steadily in the upstream in association with very heavy rainfall in its source regions in East Madhya Pradesh and Vidarbha. Hatnur dam is receiving inflows around 1800 cumec. However, the level is below Full Reservoir Level. Some of the tributaries of river Tapi is also rising in Jalgaon District. Hydrograph of Narne in Tapi Basin is as shown below:



2.2.2.a Karnataka, Telangana and Andhra Pradesh in Krishna Basin

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. Narayanpur Dam is also very near to its FRL, necessary precautions for release of water may be taken to avoid upstream and downstream submergence. Since Srisaillam Dam is having very low storage, this spell will increase the storage in this dam during the next 4-5 days. There is already releases from Almatti & Narayanpur dams. Hydrograph of river Krishna downstream of Narayanpur Dam at Huvinahedgi in Kalaburagi District of Karnataka due to releases from dam is shown below:



2.2.3 Madhya Pradesh

Due to ongoing and forecasted rainfall in Madhya Pradesh during the next 2-3 days, rivers Narmada, Chambal and its tributaries Mahi, Sabarmati, Banas (West Flowing), Banas (Ganga Basin). Since the dams in these basins are presently having less storage, these rains may help in filling up the reservoirs.

2.2.4 Gujarat

There is forecast of extremely heavy rainfall on 31st 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.

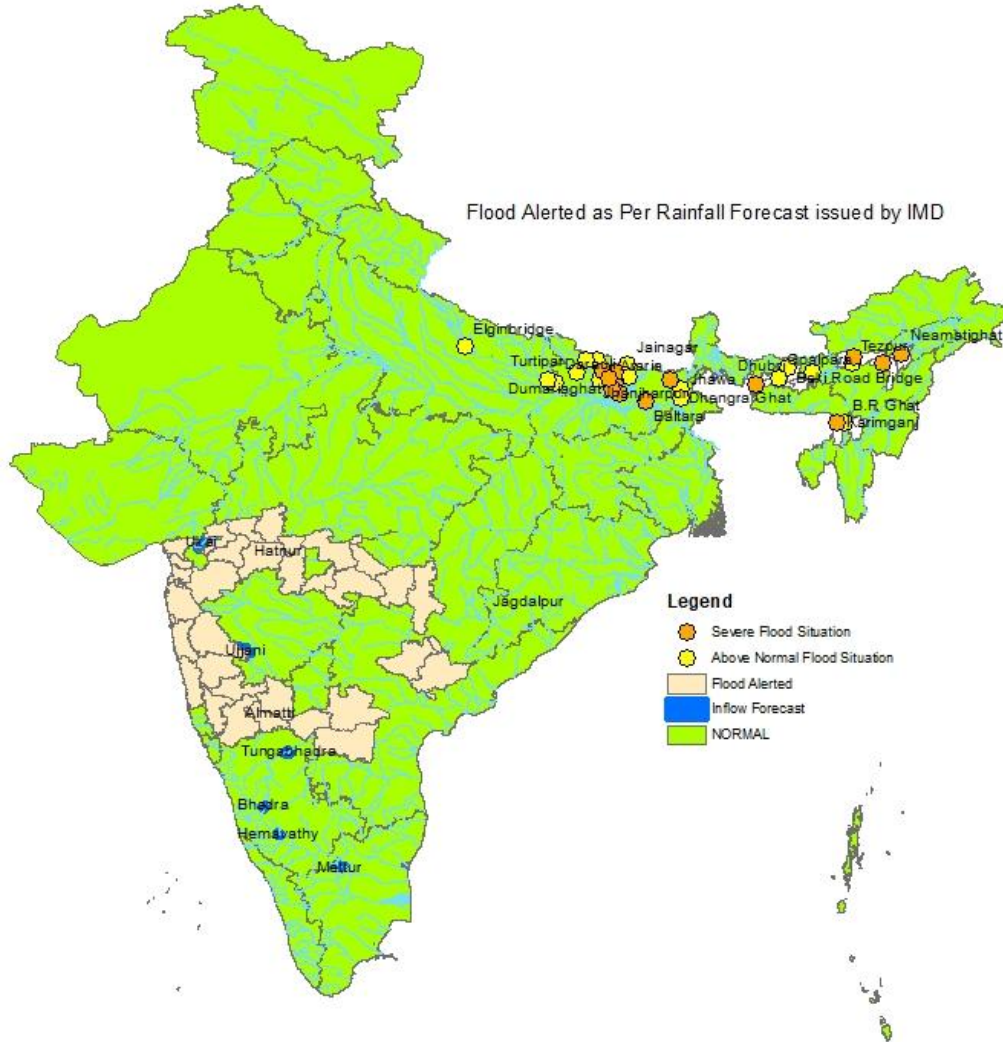
2.2.5 Assam

Rivers Jia-Bharali Dhansiri (S) and Brahmaputra are flowing in Severe Flood Situation in the districts of Sonitpur, Jorhat Golaghat 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 not forecasted in Bihar.

Map showing Flood Affected and Alerted areas in the Country



Flood Affected Districts include:

Bihar: North Bihar Districts

Assam: Jorhat, Golaghat, Sonitpur & Dhubri,

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

Chhattisgarh: Bastar, Dantewada, Bijapur, Sukma & Konta

Karnataka: Belagavi, Vijayapura, Bagalkote & Kalaburagi

Flood Alerted for next 3 days:

Madhya Pradesh: Districts in Narmada, Chambal & Mahi basins

Gujarat: Districts in basins of Tapi, Narmada & Damanganga

Karnataka: Raichur District on river Krishna and its tributaries

Telangana: Jayashankar Bhupalapally, Bhadradi Kothagudem