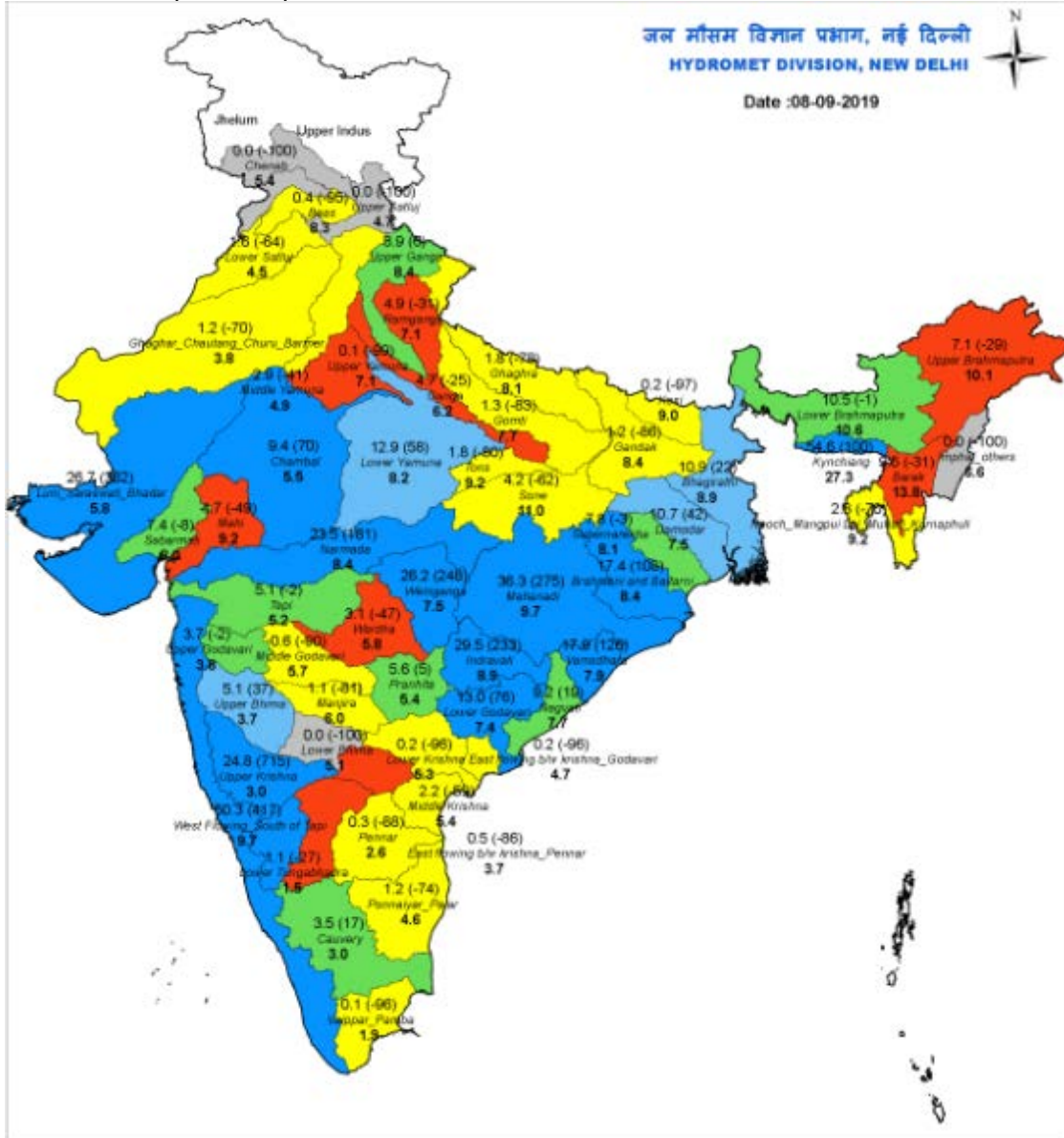




Daily Flood Situation Report cum Advisories 08-09-2019

- 1.0 IMD information
- 1.1 Rainfall Situation
- 1.1.1 River Basin Rainfall Map for 8th September 2019



Legend
■ Large Excess [60% or more] ■ Excess [20% to 59%] ■ Normal [-19% to 19%] ■ Deficient [-49% to -20%] ■ Large Deficient [-99% to -60%] ■ No Data [-100%] ■ No Rain

NOTES :
 a) Rainfall figures are based on operation data.
 b) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm).
 c) Percentage Departures of rainfall are shown in brackets.

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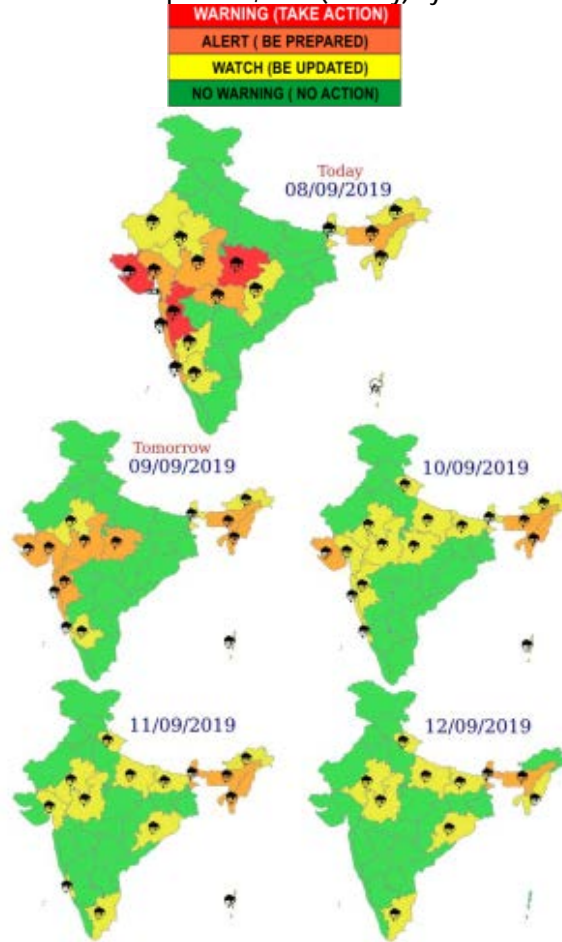
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1.1.2 Rainfall forecast for next 5 days issued on 8th September, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situations 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))	7
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	33
Total number of sites above Warning Level (A+B+C)		40
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 please visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-08092019.pdf>

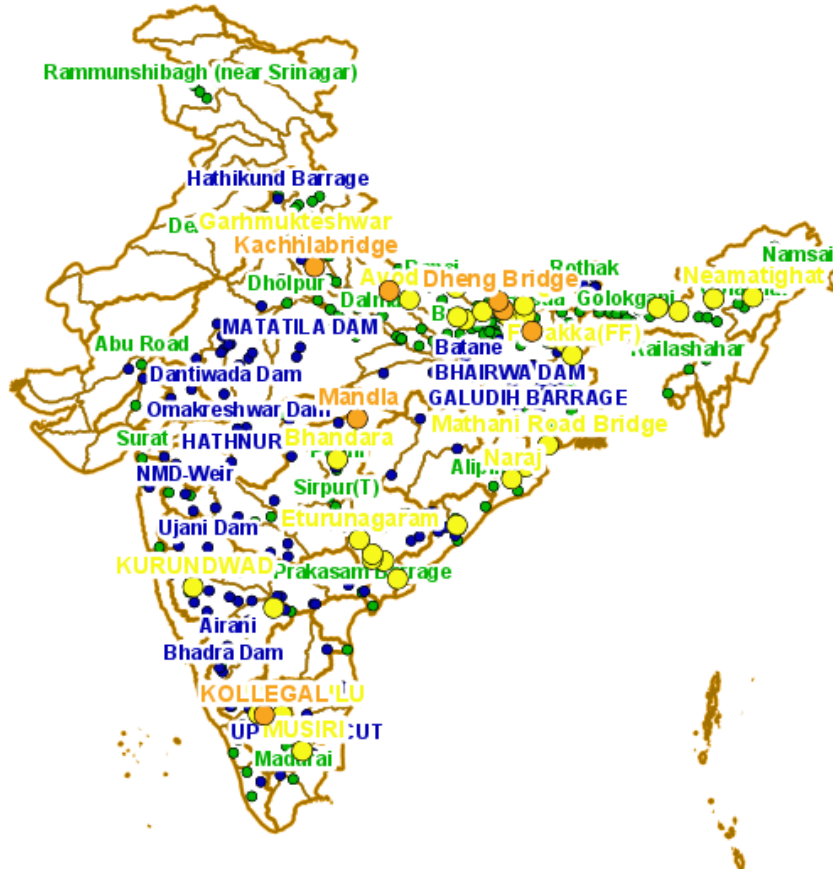
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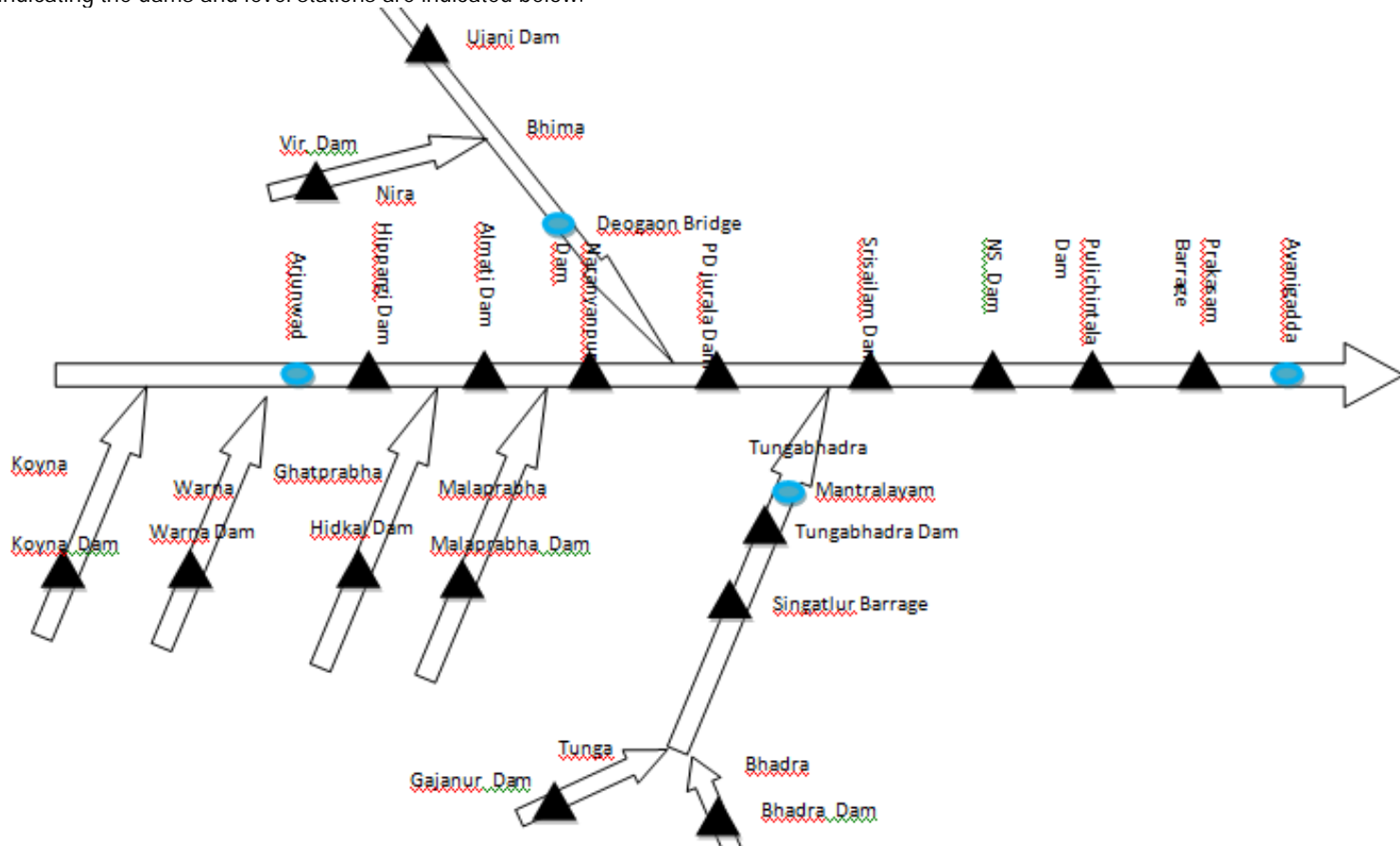
2.1.1 Konkan & Goa, Ghat areas of Madhya Maharashtra & Gujarat

There has been extremely heavy rainfall recorded during last 24 hours till today morning along with the forecast of extremely heavy rainfall for next 24 hours and heavy rainfall for next 1 day in Konkan & Goa and in Hill ranges of Western Ghats in Maharashtra. River Levels in most of the rivers in West Flowing Rivers are in slow rising trend and is likely to continue in slow rising trend for another 24 hours before starting to fall.

There is probability of rise in level of river Krishna in Satara, Sangli and Kolhapur District. River Krishna at Arjunwad in Satara District and Kurundwad in Kolhapur district is rising and is presently flowing in Above Normal Flood Situation with rising trend. Hydrographs are attached. Maximum vigil is to be maintained while releasing waters from dams in these basins as most of the dams are already more than 90% filled. Proper release advisories for downstream areas as well as for lower riparian States in the above basins have to be issued well in advance as most of the dams in the downstream lower riparian States are also very near their FRL and no storage is possible in many of the dams in downstream reach especially in Krishna Basin.

Almatti Dam and Narayanpur Dam in Karnataka are getting an inflow of around 1,55,000 and 1,60,000 cusec respectively today morning and in order to maintain flood cushion Almatti and Narayanpur Dams are releasing around 1.5 Lakh cusec. Level of Almatti Dam has fallen from 518.54 m yesterday to 518.43 by 0800 hrs today. Besides this Hidkal Dam on river Ghataprbha and Renukasagar Dam on river Malaprabha are also getting increased inflows. All these rivers will be contributing to the inflows into P D Jurala project in Telangana which is likely to get an inflow of around 2,22,000 cusec by tomorrow morning. In continuation, Srisaillam Dam in Andhra Pradesh is likely to get an inflow of around 2.5 lakh cusec by tomorrow morning. Nagarjunasagar Dam in Telangana, Dr KLRS Pulichintala Project and Prakasam Barrage in Andhra Pradesh are also likely to get increased inflows during the next 3-5 days.

Tungabhadra Dam is also having inflows above its criteria and is releasing around 1,12,000 cusec.. River Tungabhadra at Mantralayam in Kurnool District of Andhra Pradesh is likely to flow in Above Normal Flood Situation. A line diagram for Krishna basin indicating the dams and level stations are indicated below.



2.1.2 Cauvery Basin in Karnataka, Kerala and Tamilnadu

During the past 24 hours, there has been widespread rainfall in the catchment areas of river Harangi, Hemavathi, Kabini and Upper Cauvery in the States of Karnataka and Kerala. Since most of the dams are near or at FRL, they have started releasing excess flow. River Cauvery at Kollegal is flowing in Severe Flood Situation with steady trend. The flows from these dams are affecting Dharmapuri, Krishnagiri and Salem Districts of Tamilnadu. Mettur Dam in Salem District attained its Full reservoir Level and is releasing the excess flow as the flow is maintained around 65,000 cusec. Due to this, river Cauvery at Musiri in Tiruchirapalli District is flowing in Above Normal Flood Situation..

2.1.3 Advisory in connection with low pressure area over North Chhattisgarh & Madhya Pradesh

As the low pressure centered around North Chhattisgarh is expected to weaken, there is likelihood of reduced rain in Central India from 01th Onwards. However, due to ongoing rainfall, Rivers Mahanadi and Godavari are in flood in many of the locations in Odisha, Telangana and Andhra Pradesh respectively. River Mahanadi at Naraj is flowing in Above Normal Flood Situation. River Indravathi at Jagdalpur in Bastar District of Chhattisgarh is flowing in Above Normal Flood Situation by tonight. River Wainganga at Bhandara is flowing in Above Normal Flood Situation and is likely to flow very near to its Danger Level. River Godavari is flowing in Above Normal Flood Situation at Eturunagaram, Dummagudem, Bharachalam, Kunavaram and Dowlaiswaram in Telangana and Andhra Pradesh

respectively. As the peak has already been reached at Perur, the main base stations and with rapid reduction in rainfall, the river levels are likely to recede after 24 to 36 hours on all locations on river Godavari.

River Vamsadhara at Kashinagarin Gajapati Districts Odisha is flowing in Above Normal Flood Situation. Hirakud Dam is getting an inflow of around 2 lakh cusec and is expected to get an inflow of around 3.25 lakh upto tomorrow.

Due to ongoing rainfall in Madhya Pradesh, river Narmada at Mandla in Mandla District of Madhya Pradesh is flowing in Severe Flood Situation. River Bagh in Madhya Pradesh at Rajegaon is also rising.

2.1.4 Increase in rainfall over Foot Hills of Himalaya

As the monsoon trough is expected to shift northwards, there is forecast of increase in rainfall over North Eastern States, Bihar and East Uttar Pradesh as well as over Uttarakhand during the next 3-4 days. Watch has to be maintained for any extremely heavy rainfall which may lead to increase in water levels in these States during the next 3-5 days.

2.2 Flood Alerted Districts

- Maharashtra:** Palghar, Thane, Raigad, Ratnagiri, Sindhudurg, Pune, Satara, Kolhapur along the river course of **West Flowing Rivers and Krishna, Bhima & their tributaries**. Bhandara, Gondia, Gadchiroli, Wardha along the river courses of **Wardha, Wainganga and their tributaries**.
- Karnataka:** Bagalkote, Belagavi, Vijayapura, Yadgir, Raichur, Chikmagalur, Shivamogga, Koppal, Ballari (along the course of rivers **Krishna, Tungabhadra**), Kodagu, Hassan, Mysuru, Chamarajnagara, Mandya (along the course of rivers **Cauvery, Harangi, Hemavathi and Kabini**)
- Kerala:** Wynad along the course of river **Kabini**
- Tamilnadu:** Dharmapuri, Krishnagiri, Salem, Namakkal, Erode, Karur, Tiruchirapalli along the course of river **Cauvery**
- Andhra Pradesh:** East Godavari along the river course of **Sabari and Godavari**
- Odisha:** Gajapati, Rayagada (**Vamsadhara river course**), Koraput, Nowrangpur, Malkangiri (along river courses of **Indravathi and Sabari**), Mahanadi Delta Region
- Chhatisgarh:** Bastar, Dantewada, Bijapur, Dhamtari (along the course of river **Indravathi** and its tributaries and Source regions of **Mahanadi** river)
- Telangana:** Districts along the course of rivers Godavari, Wardha, Pranhita
- Madhya Pradesh:** Mandla district along the course of rivers Wainganaga, Narmada and Bagh.