



## Daily Flood Situation Report cum Advisories 06-09-2019

### 1.0 IMD information

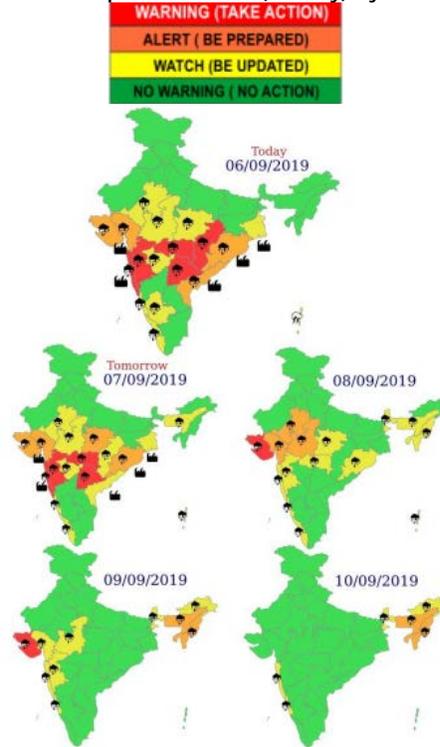
### 1.1 Rainfall Situation

#### 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)
Koyna (Maharashtra)	32
Jagdarpur (Chhattisgarh)	29
Hinjili (Odisha)	24
Gaganbawda & Desaijanj (Maharashtra)	21 each
Murud & Tamini (Maharashtra), Tokapal (Chhattisgarh)	19 each
Naugada & Jaipatna (Odisha)	18 each
Shirgaon & Armori (Maharashtra)	17 each
Dawdi (Maharashtra)	16
Dungerwadi (Maharashtra), Talala (Gujarat)	15 each
Tala & Mangaon (Maharashtra)	14 each
Mhasla, Shriwardhan & Bhira (Maharashtra)	13 each
Roha, Poladpur, Dodamarg & Alibag (Maharashtra), Amarwara (MP)	12 each
Palampur (HP), Pen & Matheran (Maharashtra)	11 each
Mahabaleshwar, Sudhagad Pali, Vaibhavwadi, Lakhani & Dhanora (Maharashtra), Nalkheda (MP), Perumbavur (Kerala), Jodia, Lodhika & Paddhari (Gujarat), Bolangir & Aska (Odisha), Antagarh (Chhattisgarh)	10 each
Sangameshwar, Uran, Rajapur, Ambone, Kurkheda & Radhanagri (Maharashtra), Lower Kothaiyar Dam (TN), Kochi, Chalkudy & Vythiri (Kerala), Paderu (AP), Bhagamandala, Subramanya, Karkala, Agumbe & Kottigehara (Karnataka), Chotia, Jamjodhpur, Muli, Sanand, Danta & Tankara (Gujarat), Titlagarh & Belgaon (Odisha), Chhindgarh (Chhattisgarh), Goalpara (Assam)	9 each
Harnai, Kalyan & Bramhapuri (Maharashtra), Dhrol & Mangrol (Gujarat), Gidam, Bhairamgarh, Lohandiguda & Pakhanjur (Chhattisgarh), Harabhanga & Ranpur (Odisha), Baijnath (HP), Irinjalakuda (Kerala)	8 each



1.1.2 Rainfall forecast for next 5 days issued on 6<sup>th</sup> September, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation as per actual/ forecasted rainfall situation

FLOOD SITUATION SUMMARY		
<b>PART - I: LEVEL FORECAST</b>		
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>5</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>24</b>
Total number of sites above Warning Level ( A+B+C)		<b>29</b>
<b>PART - II: INFLOW FORECAST</b>		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		<b>28</b>

For details please visit: <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-06092019.pdf>



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

There has been very heavy rainfall recorded till today morning along with the forecast of extremely heavy rain for next 48 hours and heavy to very heavy rainfall for next 2 days and heavy rainfall for next 3 days in Konkan & Goa and in Hill ranges of Western Ghats in Maharashtra. There is probability of sudden rise in water levels in West Flowing Rivers between Tapi and Tadri in States of Maharashtra, Goa and UT of Dadra & Nagar Haveli and Daman & Diu, such as rivers Damanganga, Ulhas, Savithri, Kal, etc. Maximum vigil is to be maintained along the low lying areas of these rivers which are near to Railway lines and Highways during the above period. Small Dams in these reaches may get filled up and start releasing excess water at short notice.

Mumbai and its suburban areas are likely to witness Extremely Heavy rains in next 2 days. There is likelihood of continuing rains for another 12 to 24 hours. This will create local drainage congestion and inundation of low lying areas creating an urban flood like situation. Maximum vigil is to be maintained for the flood situation as there is prediction of rough seas in association with strong monsoon currents.

Due to forecast of Heavy to very heavy rain in the Ghat areas of Maharashtra in the districts of Pune, Satara, and Kolhapur, rivers Bhima and Krishna are rising again. 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.

Due to ongoing extremely heavy rainfall in source regions of river Krishna and its tributaries, inflows in many of the dams in upper Krishna and Bhima are steady and most of the dams are releasing excess flow. Since many of the small dams in the catchment areas of Krishna are also releasing, 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..

Almatti Dam and Narayanpur Dam in Karnataka are getting an inflow of around 61,000 to 1,68,000 cusec respectively today morning and in order to maintain flood cushion Almatti and Narayanpur Dams are releasing around 1.75 Lakh cusec. Level of Almatti Dam has fallen from 519.20 m yesterday to 518.75 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 1,75,000 cusec by tomorrow morning.

In continuation, Srisaillam Dam in Andhra Pradesh, 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. As all the dams mentioned above are at or near FRL, maximum vigil is to be maintained. Due to forecast of extremely heavy rainfall in Ghat areas of Shivamogga and Chikmagaluru District in the Upper Tungabhadra basin, river Tungabhadra is also likely to contribute to the flows in Srisaillam Dam as Tungabhadra Dam is also having inflows above its criteria which will be released downstream as that Dam is also at FRL. River Tungabhadra at Mantralayam is likely to touch its warning level by tomorrow morning.

### 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. This may lead to rise in water levels in the downstream areas in the districts of Mysuru, Mandya, and Chamarajnaraga Districts. River Kabini Cauvery at Kollegal is flowing in Severe Flood Situation with falling trend. The flows from these dams is affecting Dharmapuri, Krishnagiri and Salem Districts of Tamilnadu.

### 2.1.3 Advisory in connection with low pressure area over Odisha, Chhattisgarh, Telangana & Andhra Pradesh

There is forecast of extremely heavy rainfall in Chhattisgarh, Telangana and Vidarbha for next 48 hours. This may lead to rise in Water Levels in basins Godavari and its tributaries such as Wainganga, Wardha, Indravathi and Sabari. There is likelihood of rise in water levels in most of these basins. River Vamsadhara at Kashinagar flowed in Severe Flood Situation and has fallen to Above Normal Flood Situation by 1700 hrs today evening River Indravathi at Jagdalpur in Bastar District of Chhattisgarh is flowing in Severe Flood Situation. River Wainganga at Bhandara is flowing in Above Normal Flood Situation and is likely to flow very near to its Danger Level.

## 2.2 Flood Alerted Districts

<b>Maharashtra:</b>	Palghar, Thane, Raigad, Ratnagiri, Sindhudurg, Pune, Satara, Kolhapur along the river course of <b>West Flowing Rivers and Krishna, Bhima &amp; their tributaries</b> . Bhandara, Gondia, Gadchiroli, Wardha along the river courses of <b>Wardha, Wainganga and their tributaries</b> .
<b>Karnataka:</b>	Bagalkote, Belagavi, Vijayapura, Yadgir, Raichur, Chikmagaluru, Shivamogga, Koppal, Ballari (along the course of rivers <b>Krishna, Tungabhadra</b> ), Kodagu, Hassan, Mysuru, Chamarajnaraga, Mandya (along the course of rivers <b>Cauvery, Harangi, Hemavathi and Kabini</b> )
<b>Kerala:</b>	Wynad along the course of river Kabini
<b>Tamilnadu:</b>	Dharmapuri, Krishnagiri and Salem along the course of river Cauvery
<b>Andhra Pradesh:</b>	East Godavari along the river course of <b>Sabari and Godavari</b>
<b>Odisha:</b>	Koraput, Nowrangpur, Malkangiri (along river courses of <b>Indravathi and Sabari</b> )
<b>Chhattisgarh:</b>	Bastar, Dantewada, Bijapur, Dhamtari (along the course of river <b>Indravathi</b> and its tributaries.)
<b>Telangana:</b>	Districts along the course of rivers Godavari, Wardha, Pranhita



Flood Affected/ Alerted Districts in the Country

