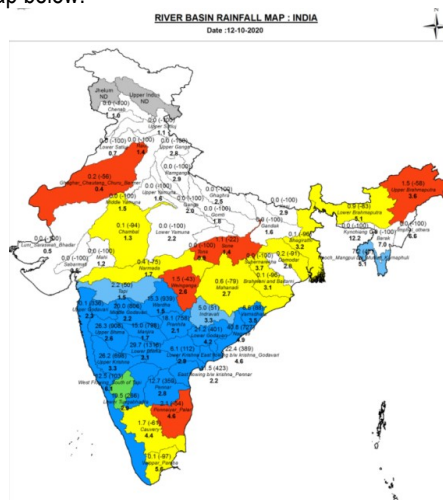




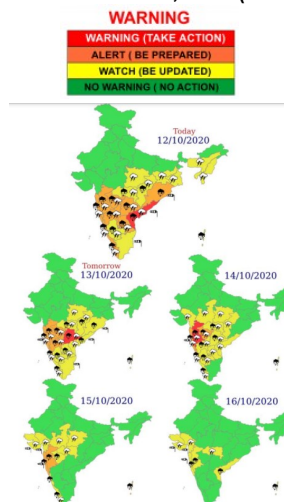
Central Water Commission
Special Advisories in association with Deep Depression
12-10-2020 at 1700 hrs

1. Meteorological Situation

Owing to the Deep Depression lying south-southeast of Vishakhapatnam (Andhra Pradesh) which is very likely to move west-northwestwards and cross north Andhra Pradesh coast between Narsapur & Vishakhapatnam, close to Kakinada during the early morning of 13th October 2020 as a Deep Depression, there has been increase in rainfall activity in the areas affected by this system which can be seen in the map below:



1.2 Rainfall forecast for next 5 days issued on 12th October, 2020 (Midday) by IMD



Extremely heavy rainfall (>20 cm per day) at isolated places would occur over **East & West Godavari, Vishakhapatnam, Vijayanagaram & Srikakulam** districts of **Andhra Pradesh** and **Yanam**, heavy to very heavy falls at isolated places over **Ganjam, Gajapati, Koraput, Raygada, Navrangpur, Malkangiri, Khurda & Puri** districts of **Odisha**, **Krishna & Kurnool** district of **Andhra Pradesh** **Telangana**, south **Konkan & Goa**, south **Madhya Maharashtra**, **Marathwada**, **Karnataka & North Kerala** and heavy rainfall at isolated places over south **Chhattisgarh** on 12th October. Extremely heavy rainfall (>20 cm per day) at isolated places would occur over **Telangana**, heavy to very heavy falls at isolated places over **Karnataka, Rayalaseema, south Konkan & Goa, Madhya Maharashtra & Marathwada** and heavy falls at isolated places over north Coastal **Andhra Pradesh**, south **Odisha** and **Vidarbha** on 13th October. Extremely heavy rainfall (>20 cm per day) at isolated places would occur over **north Madhya Maharashtra**, heavy to very heavy falls at isolated places over **Konkan & Goa, south Madhya Maharashtra and Marathwada** and heavy falls at isolated places over Coastal & South Interior **Karnataka**.

2. CWC Advisories

2.1 Krishna Basin

Due to forecasted rainfall, inflows into all dams in Krishna Basin are likely to increase rapidly. River Krishna and its tributaries such as Bhima, Tungabhadra have started rising at many locations in the middle reaches. Inflows into Narayanpur Dam, Tungabhadra Dam have also started increasing. River Tungabhadra at Melaganur & Mantralayam in **Kurnool District of Andhra Pradesh** have started rising. **The level at Mantralayam in Kurnool District is expected to touch warning level by tonight.** River Kagna a tributary of Bhima is rising at Malkhed in **Kalaburagi District of Karnataka**. This is expected to increase the inflows significantly into P D Jurala Project in **Jogulamba Gadwal District of Telangana** and Srisailem Dam in Kurnool District. Since the rainfall is going to increase as the system nears the coast, further inflows are also expected.

Since rainfall is expected all along the Krishna Basin for next 2-3 days and as all the dams in Krishna, Bhima & Tungabhadra Sub-Basins in **Maharashtra, Karnataka, Telangana and Andhra Pradesh** are very near to Full reservoir Level (FRL), necessary reservoir operation has to be done taking into account the upstream rainfall as well as the downstream flood situation in association with forecasted rainfall by taking a balanced approach to avoid upstream submergence as well as downstream flooding. All project authorities have to inform in advance about the releases made to downstream Districts in the same State as well as to lower riparian States.

2.2 Godavari Basin

Since rainfall is expected all along the Godavari Basin for next 2-3 days and as all the dams in Godavari, Purna, Sindhpana, Mula, Manjira, Kaddam and Maner Sub-Basins in **Maharashtra, Karnataka, Telangana** are very near to Full reservoir Level (FRL), necessary reservoir operation has to be done taking into account the upstream rainfall as well as the downstream flood situation in association with forecasted rainfall by taking a balanced approach to avoid upstream submergence as well as downstream flooding. All project authorities have to inform in advance about the releases made to downstream Districts in the same State as well as to lower riparian States.

2.3 Nagavali & Vamsadhara Basin

Due to expected rainfall in **South Odisha** and in **Srikakulam and Vizianagaram District of Andhra Pradesh**, there is likelihood of rapid rise in water Levels in Nagavali and Vamsadhara Basins. Strict watch is to be maintained in Districts of **Rayagada, Ganjam, Gajapathi in Odisha, Vizianagaram and Srikakulam District in Andhra Pradesh.**

3. Storage Position in Dams of Kerala, Karnataka, Telangana, Andhra Pradesh & Odisha where Inflow forecast is being issued by CWC as on 12th October 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Nira	Veer Dam	Maharashtra	100	Yes
2	Bhima	Ujjani Dam	Maharashtra	100	Yes
3	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
4	Wardha	Upper Wardha Project	Maharashtra	100	Yes
5	Penganga	Issapur Project	Maharashtra	100	Yes
6	Warana	Warana Dam	Maharashtra	100	Yes
7	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
8	Krishna	Almatti Dam	Karnataka	100	Yes
9	Purna	Yeldari Dam	Maharashtra	100	Yes
10	Cauvery	Krishnarajasagar	Karnataka	100	Yes
11	Godavari	Sriramasagar	Telangana	100	Yes
12	Sindhpana	Manjlegaon	Maharashtra	100	Yes
13	Tapi	Hathnur Dam	Maharashtra	100	Yes
14	Godavari	Jaikwadi Dam	Maharashtra	100	Yes
15	Mula	Mula Dam	Maharashtra	100	Yes
16	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	100	Yes
17	Pench	Totladoh Project	Maharashtra	99.92	Yes
18	Mahanadi	Hirakud Dam	Odisha	99.3	Yes
19	Koyna	Koyna Dam	Maharashtra	99	Yes
20	Malaprabha	Malaprabha Dam	Karnataka	99	Yes
21	Bhadra	Bhadra Dam	Karnataka	98	Yes

22	Krishna	Narayanpur Dam	Karnataka	98	Yes
23	Krishna	Srisaillam Dam	Andhra Pradesh	98	Yes
24	Brahmani	Rengali Dam	Odisha	97.3	Yes
25	Kabini	Kabini Dam	Karnataka	97	Yes
26	North Pennar	Somasila Dam	Andhra Pradesh	96.4	Yes
27	Godavari	SripadaYellampally Dam	Telangana	96.29	Yes
28	Harangi	Harangi Dam	Karnataka	94	Yes
29	Musi	Musi Project	Telangana	94	Yes
30	Hemavathy	Hemavathy Dam	Karnataka	93	Yes
31	Krishna	Priyadarshini Jurala Project	Telangana	92	Yes
32	Machhkund	Machhkund Project	Odisha	88.5	Yes
33	Kaddamvagu	Kaddam Dam	Telangana	86.92	Yes
34	Periyar	Idduki Dam	Kerala	85.24	Yes
35	Edamalayar	Idamalayar	Kerala	84.84	Yes
36	Balimela	Balimela Project	Odisha	72.51	Yes
37	Indravathi	Upper Indravathi Project	Odisha	72.28	Yes
38	Manjira	Singur Dam	Telangana	70.94	Yes
39	Wainganga	Gosikhurd Dam	Maharashtra	70.67	Yes

Reservoirs shown in red are having gross storage greater than 90%, reservoirs shown in orange are having gross storage greater than 75% and the reservoirs shown in yellow are having gross storage greater than 70%. Close watch has to be maintained at these reservoirs wherever heavy rainfall (Yellow) and Very Heavy Rainfall (Orange) and Extremely Heavy Rainfall (Red) warning in next 24 hours are given (last column of Table above).