



Central Water Commission
Daily Flood Situation Report cum Advisories
15-10-2020

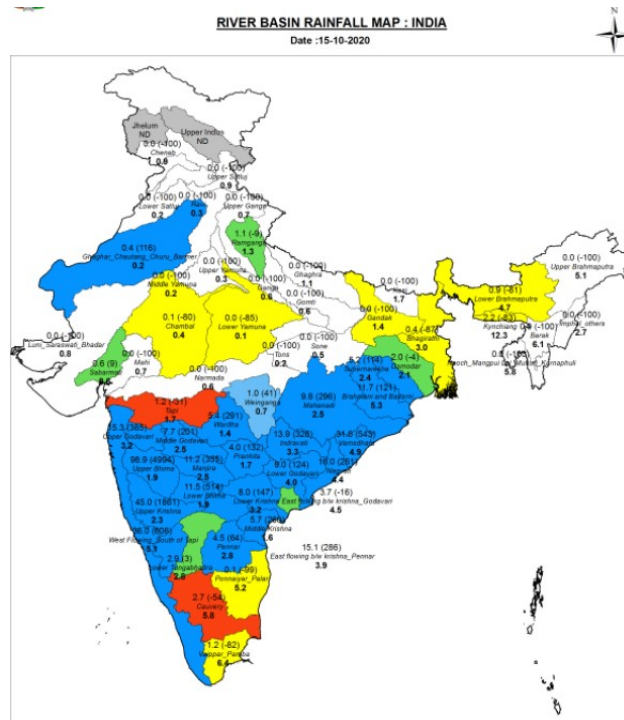
1.0 Meteorological Situation

The well marked low pressure area is persisting over south Madhya Maharashtra and neighbourhood. Due to this extremely heavy to very heavy rainfall (in cm) occurred at the following places:

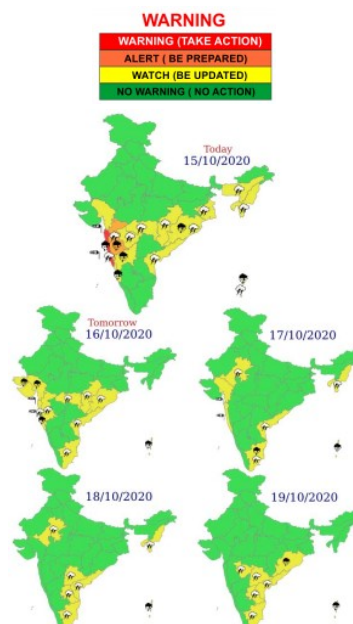
Maharashtra: Parinda-17, Pandharpur, Barshi, Jeur, Indapur-16, Sangli, Baramati, Lanja, Alibagh-15, Tuljapur, Mangalvedha, Malshiras, Khed-14, Mahabaleshwar, Kolhapur, Murud-13, Karjat, Khalapur, Matheran, Pen, Ratnagiri, Vaibhawadi, Colaba-12

Karnataka: Kollur- 22, Hosanagara-21, Kottigehara-17, Hunchadakatte-16, Bhatkal-13

Basinwise rainfall distribution indicates that Krishna and Godavari Basin have received Excess Rainfall for the third consecutive Day as indicated in the Map below:



1.2 Rainfall forecast for next 5 days issued on 15th October, 2020 (Midday) by IMD

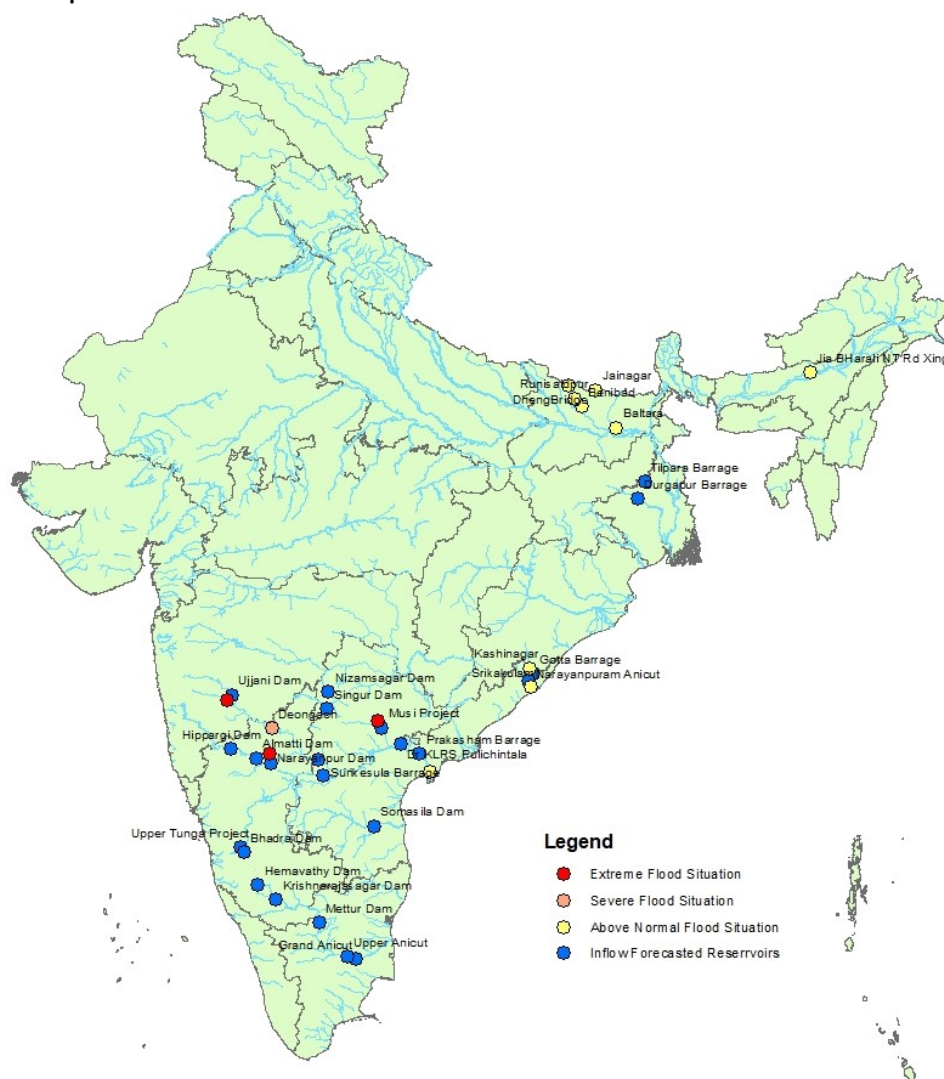


Rainfall Forecast

Date	Extremely heavy	Very heavy
15/10/2020	South Konkan and adjoining Ghat areas of Maharashtra	Konkan & Goa and adjoining Ghat areas of Maharashtra.

2.0 CWC Advisories

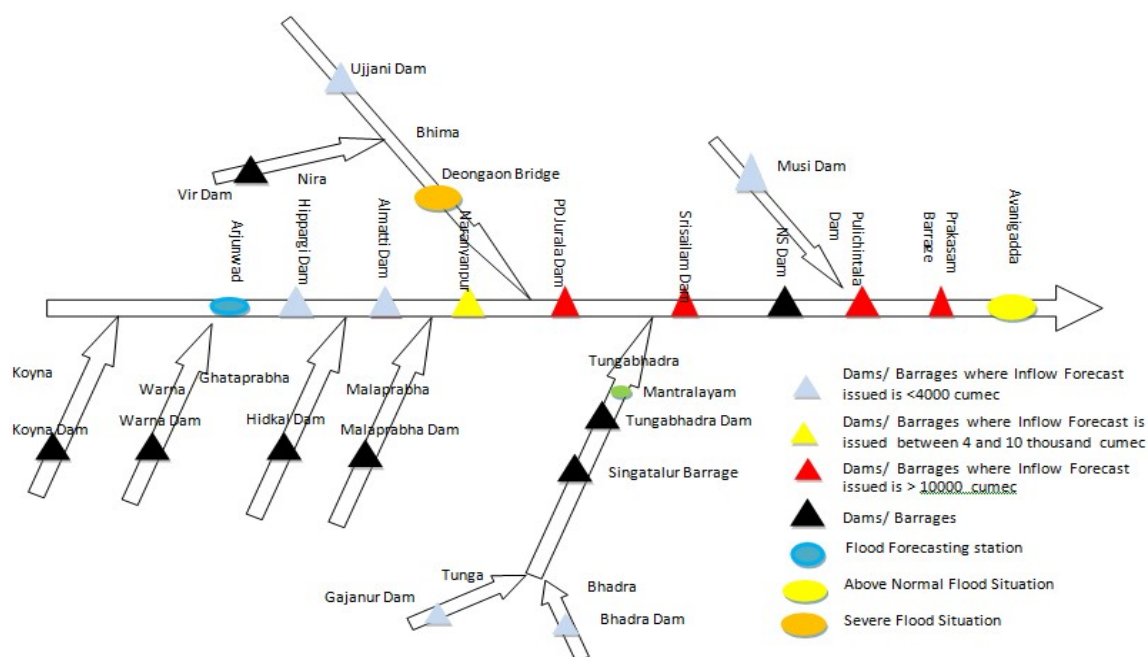
2.1 Flood Situation Map



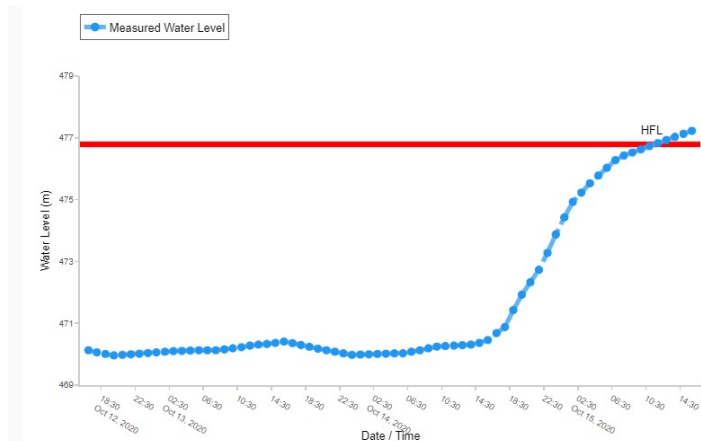
2.2 Basinwise Flood Situation

2.2.1 Krishna Basin

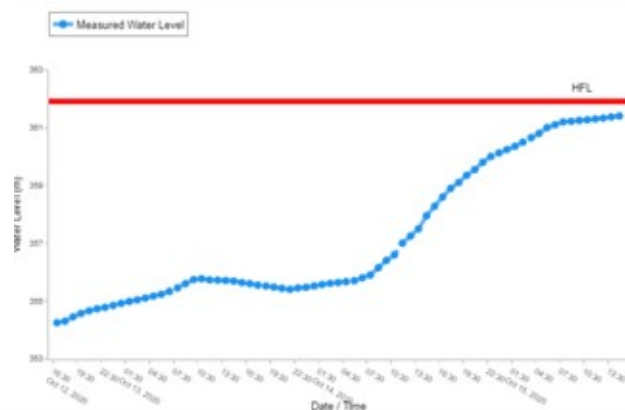
Due to ongoing rainfall in Andhra Pradesh, Telangana and North Interior Karnataka, river Krishna and its tributaries are rising in these States. Inflows into major dams are showing increasing trend. Line Diagram showing the various Flood Forecasting Stations alongwith Flood Situation in case of Level Forecast Stations and the amount of inflow expected during the next 24 hours in different colour is shown below.



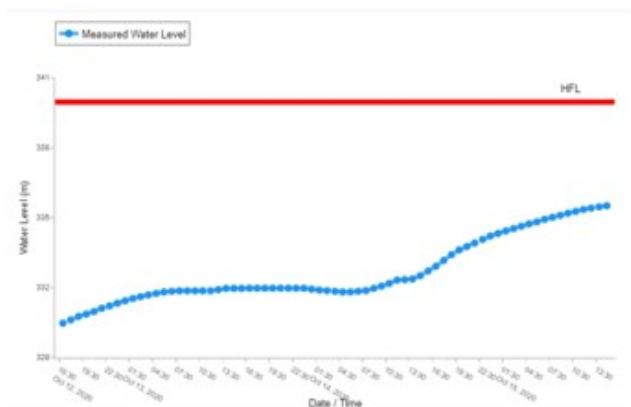
Besides this River Nira at Sarati in **Pune** District of Maharashtra crossed HFL and is flowing above HFL with rising trend. River Bhima at Yadgir in **Yadgir** District of Karnataka is flowing close to HFL with rising trend. River Doni at Talikot in **Vijayapura** District is flowing in Extreme Flood Situation with falling trend and is contributing to main Krishna downstream of Narayanpur Dam and upstream of CWC monitoring station Huvinhedgi in **Raichur** District of Karnataka. River Krishna at Deosugur in **Raichur** District is rising. This is just upstream of Priyadarshini Jurala Project in **Jogulamba Gadwal** District in Telangana. Hydrographs of these stations are shown.



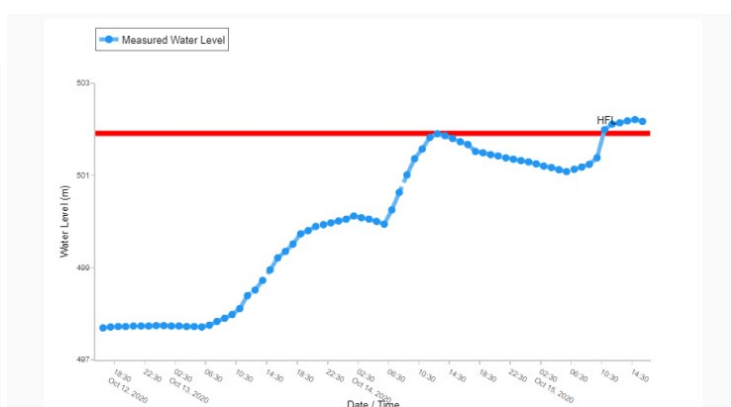
Sarati in Pune District



Yadgir in Yadgir District



Deosugur in Raichur District



Talikot in Vijayapura District

Due to incessant rain in **Pune**, there is an urban flooding like situation in city also. Since most of the dams in the outskirts are filled, any releases from these dams are likely to aggravate the situation. Close watch is to be maintained.

Since rainfall is expected to continue in upstream areas of Krishna & Bhima for next two 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), the need for proper reservoir operation 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 is required to be done by all project authorities. 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.

2.2.2 West Flowing Rivers Basin

Due to very heavy rainfall occurring in Ratnagiri, Sindhudurg in Maharashtra, Goa, Udupi and Dakshina Kannada Districts of Karnataka, west flowing rivers between Tapi and Tadri, Tadri and Kanyakumari basins are rising. Close watch is to be maintained for flash flood like situation. Close watch along railway tracks and low level causeways & highways needs to be maintained for any inundation and traffic may be regulated accordingly.

2.3 Flood Affected Districts

Andhra Pradesh: Kurnool, Krishna & Guntur

Telangana: Khammam, Nalgonda, Suryapet, Yadadri Bhuvanagiri, Medchal, Hyderabad, Rangareddy, Sangareddy, Vikarabad, Medak, Jogulamba Gadwal

Karnataka: Kalaburagi, Vijayapura, Yadgir, Raichur, Udupi, Uttara Kannada

2.4 Flood Alerted Districts

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

Goa: North and South Goa

Karnataka: Udupi, Uttara Kannada, Belagavi, Dharwad, Haveri

3. Storage Position in Dams of Kerala, Karnataka, Maharashtra, Telangana, Andhra Pradesh & Odisha where Inflow forecast is being issued by CWC as on 15th 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	No
5	Penganga	Issapur Project	Maharashtra	100	No
6	Warana	Warana Dam	Maharashtra	100	Yes
7	Purna	Yeldari Dam	Maharashtra	100	No
8	Cauvery	Krishnarajasagar	Karnataka	100	No
9	Godavari	Jaikwadi Dam	Maharashtra	100	No
10	Mula	Mula Dam	Maharashtra	100	Yes
11	Mahanadi	Hirakud Dam	Odisha	100	Yes
12	Sindhpana	Manjlegaon	Maharashtra	100	No
13	Godavari	Sriramasagar	Telangana	99.23	Yes
14	Pench	Totladoh Project	Maharashtra	99.22	No
15	Tapi	Hathnur Dam	Maharashtra	99.18	Yes
16	Tungabhadra	Tungabhadra Dam	Karnataka	99	No
17	Krishna	Almatti Dam	Karnataka	99	Yes
18	Koyna	Koyna Dam	Maharashtra	99	Yes
19	Bhadra	Bhadra Dam	Karnataka	99	No
20	Kabini	Kabini Dam	Karnataka	99	No
21	Malaprabha	Malaprabha Dam	Karnataka	98	Yes
22	Harangi	Harangi Dam	Karnataka	98	No
23	Brahmani	Rengali Dam	Odisha	97.9	Yes
24	Krishna	Srisaillam Dam	Andhra Pradesh	96	No
25	North Pennar	Somasila Dam	Andhra Pradesh	95.47	Yes
26	Hemavathy	Hemavathy Dam	Karnataka	95	No
27	Karanja	Karanja Dam	Karnataka	94.23	Yes
28	Krishna	Pulichintala Dam	Andhra Pradesh	94	No
29	Machhkund	Machhkund Project	Odisha	92.3	Yes
30	Manjira	Singur Dam	Telangana	91.53	Yes
31	Krishna	Narayanpur Dam	Karnataka	91	Yes
32	Godavari	SripadaYellampally Dam	Telangana	90.51	Yes
33	Kaddamvagu	Kaddam Dam	Telangana	90.36	Yes
34	Periyar	Idduki Dam	Kerala	87.93	No
35	Edamalayar	Edamalayar	Kerala	86.95	No
36	Krishna	Priyadarshini Jurala Project	Telangana	84	Yes
37	Balimela	Balimela Project	Odisha	73.78	Yes
41	Manjira	Nizamsagar Dam	Telangana	73.77	Yes
38	Indravathi	Upper Indravathi Project	Odisha	72.76	Yes
39	Wainganga	Gosikhurd Dam	Maharashtra	70.16	No

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).