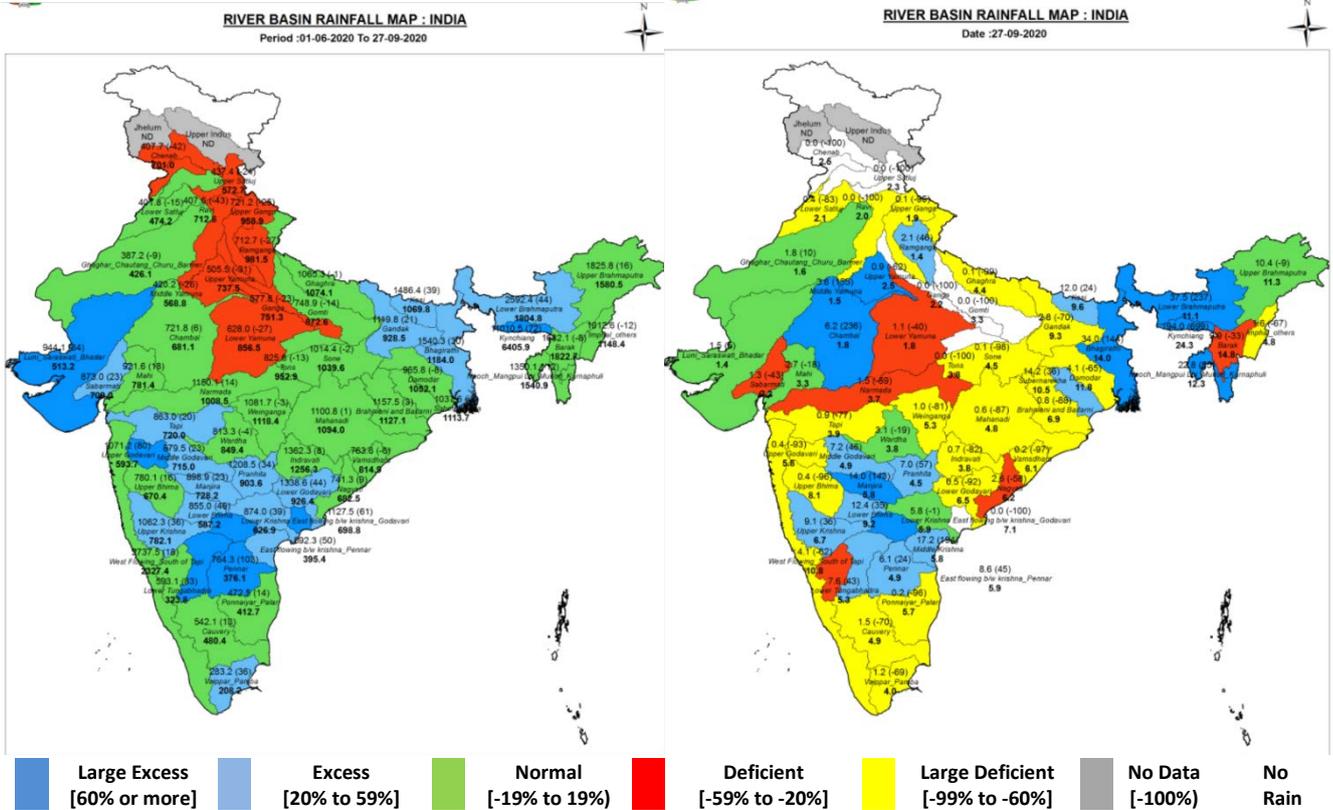




Central Water Commission
Daily Flood Situation Report cum Advisories
27-09-2020

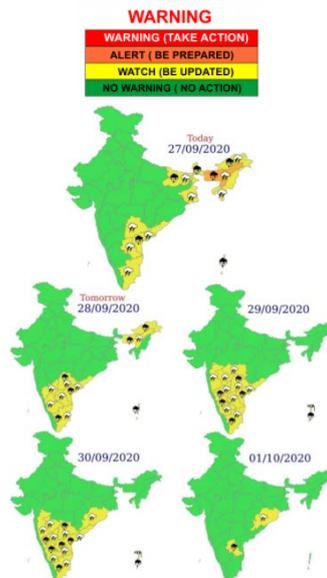
1.0 Rainfall Situation

1.1 Basin wise departure from normal of cumulative and daily rainfall



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)
 b) Percentage departures of rainfall are shown in brackets.

1.2 Rainfall forecast for next 5 days issued on 27th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

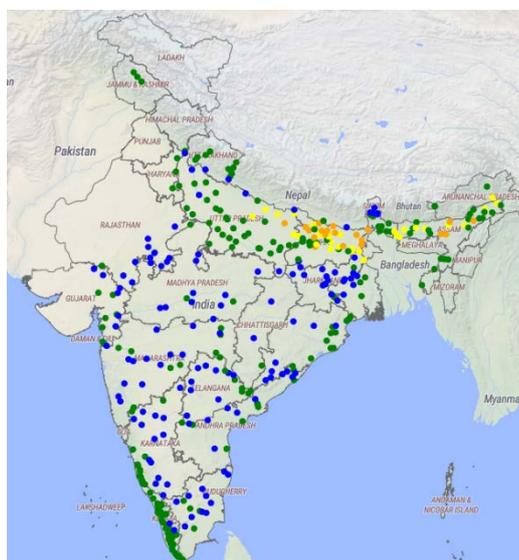
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 27th September 2020, 22 Stations (15 in Bihar, 5 in Assam & 1 each in Odisha & Uttar Pradesh) are flowing in Severe Flood Situation and 29 stations (7 in Assam, 12 in Bihar, 5 in Uttar Pradesh, 3 in West Bengal and 1 each in Andhra Pradesh & Jharkhand) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 30 Barrages & Dams (8 in Karnataka, 5 in Andhra Pradesh, 4 in Telangana, 3 in Madhya Pradesh, 2 each in Tamilnadu, Maharashtra & West Bengal and 1 each in Gujarat, Jharkhand, Odisha and Rajasthan)

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))	22
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	29
Total number of sites above Warning Level (A+B+C)		51
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)		30

Details can be seen in link-http://cwc.gov.in/sites/default/files/dfb202027092020_5.pdf

2.2 Flood Situation Map



2.3 CWC Advisories

- Isolated heavy falls very likely over Bihar, Sub-Himalayan West Bengal & Sikkim, Arunachal Pradesh, Assam & Meghalaya and Coastal Andhra Pradesh during next 24 hours.
- Isolated heavy to very heavy falls very likely over Meghalaya during the same period.

Based on the above rainfall forecast the following advisories are issued by CWC:

Due to ongoing rainfall in Arunachal Pradesh, Assam, Sub-Himalayan West Bengal, Rivers Kopili in Nagaon & Morigaon District is rising and is flowing in Severe Flood Situation. As the water level in the upstream has started falling, river Kopili may rise for some more time before stabilising. River Brahmaputra is rising in Sonitpur, Kamrup Metropolitan, Goalpara and Dhubri. It is flowing in Severe Flood Situation in **Jorhat** and **Sonitpur** District, further in downstream the river is flowing in Above Normal Flood Situation in **Kamrup**, **Goalpara** and **Dhubri** District. This is likely to continue for another 1-2 days as the rainfall is expected to reduce from tomorrow, the level in upstream areas are likely to fall slowly.

Due to ongoing heavy rainfall over Bihar as well as likely heavy rains in Nepal, rivers Sharda, Ghaghra, Rapti, Gandak and their tributaries in UP, Ghaghra, Gandak, Burhi Gandak, Bagmati, Adhwara, Kamlabalan, Kosi, Parman and Mahananda in Bihar are rising rapidly. River Kosi, Gandak, Burhi Gandak, Kosi, Parman and Mahananda are flowing in Severe Flood Situation in **East Champaran**, **Gopalganj**, **Muzaffarpur**, **Samastipur**, **Madhubani**, **Khagaria**, **Araria**, **Kishanganj** and **Katihar** Districts while river Rapti is flowing in Severe Flood Situation in **Gorakhpur** District in Uttar Pradesh. Since rainfall is likely to reduce, the situation is likely to improve during next 3-4 days.

Due to heavy to very heavy rainfall in catchment areas of Bhima and its tributaries as well as Krishna and its tributaries in Karnataka and Telangana which occurred on 26th September and is continuing in lesser quantity on 27th September also, river Krishna is getting heavy inflows from P D Jurala Project in **Jogulamba Gadwal** District in Telangana and its downstream. River Tungabhadra is also flowing in Above Normal Flood Situation in Mantralayam in Kurnool District of Andhra Pradesh and the combined flow of Krishna and Tungabhadra is being received in Srisaillam Dam in **Kurnool** District of Andhra Pradesh. Srisaillam Dam is getting an instantaneous inflow of around 14,000 cumec (5,10,750 cusec) and it is releasing 16918 cumec (5,97,440 cusec). Downstream Nagarjunasagar Dam in **Nalgonda** District of Telangana is getting an inflow of 17900 cumec (6,32,155 cusec) and is releasing the entire inflow. Further downstream Pulichintala Project is getting an inflow of 17428 cumec (6,17,208 cusec) and is releasing 15561 cumec (5,49,532 cusec) as on 27th September 2020 at 1500 hrs. Prakasam Barrage is also expected to get an inflow of around 5 to 6 lakh cusec during the next 24 hours. Since most of the dams in Krishna Basin are near Full Reservoir Level (FRL) and are expected to get inflows in the range of 4.5 to 6 Lakh cusec from P D Jurala and its downstream, maximum caution is to be maintained for releasing the excess flow following SOP and Operational manuals. Somasila Dam on river Pennar is likely to get an inflow of around 3100 cumec (1,09,400 cusec) till tomorrow morning, maximum vigil is to be maintained for releases from the Dam.

Impact Based Actions

Strict vigil to avoid embankment breaches is to be maintained in all the above areas for next 3-4 days. Dam releases are to be made with informing downstream areas in advance. All district administrations can take effective measures taking into account the prevailing Covid-19 situation in relief camps being set up in these districts.

3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 27th September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Nira	Veer Dam	Maharashtra	100	No
2	Bhima	Ujjani Dam	Maharashtra	100	No
3	Betwa	Rajghat Dam	Madhya Pradesh	100	No
4	Ghataprabha	Hidkal Dam	Karnataka	100	No
5	Narmada	Bargi Dam	Madhya Pradesh	100	No
6	Narmada	Tawa Dam	Madhya Pradesh	100	No
7	Wardha	Upper Wardha Project	Maharashtra	100	No
8	Penganga	Issapur Project	Maharashtra	100	No
9	Warana	Warana Dam	Maharashtra	100	No
10	Koyna	Koyna Dam	Maharashtra	100	No
11	Narmada	Barna Dam	Madhya Pradesh	100	No
12	Tungabhadra	Tungabhadra Dam	Karnataka	100	No
13	Mahi	Kadana Dam	Gujarat	100	No
14	Sone	Bansagar Dam	Madhya Pradesh	100	No
15	Kabini	Kabini Dam	Karnataka	99.74	No
16	Mahi	Mahi Bajajsagar Dam	Rajasthan	99.6	No
17	Harangi	Harangi Dam	Karnataka	99.5	No
18	Sabarmati	Dharoi Dam	Gujarat	99.36	No
19	Mula	Mula Dam	Maharashtra	99.06	No
20	Krishna	Almatti Dam	Karnataka	99	No
21	Bhadra	Bhadra Dam	Karnataka	99	No
22	Hemavathi	Hemavathi Dam	Karnataka	99	No
23	Som Kamla	Som Kamla Amba Dam	Rajasthan	98.65	No
24	Damanganga	Madhuban Dam	Gujarat	98.55	No
25	Cauvery	Krishnarajasagar	Karnataka	98.44	No
26	Narmada	Indira Sagar Dam	Madhya Pradesh	98	No
27	Pench	Totladoh Project	Maharashtra	97.92	No
28	Godavari	Jaikwadi Dam	Maharashtra	97.91	No
29	Kalisindh	Kalisindh Dam	Rajasthan	97.3	No
30	Bhavani	Bhavani Sagar	Tamil Nadu	97.11	No
31	Tapi	Ukai Dam	Gujarat	97.09	No
32	Sindhpana	Manjlegaon	Maharashtra	96.52	No
33	Krishna	Srisaillam Dam	Andhra Pradesh	96	Yes
34	Malaprabha	Malaprabha Dam	Karnataka	96	No
35	Chambal	Gandhisagar Dam	Madhya Pradesh	96	No
36	Mahanadi	Hirakud Dam	Odisha	95.8	No
37	North Pennar	Somasila Dam	Andhra Pradesh	95.25	Yes
38	Kaddamvagu	Kaddam Dam	Telangana	94.15	No
39	Chambal	Rana Pratap Sagar	Rajasthan	93.98	No
40	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	93	Yes
41	Narmada	Sardar Sarovar Dam	Gujarat	93	No
42	Purna	Yeldari Dam	Maharashtra	92.55	No
43	Godavari	SripadaYellampally Dam	Telangana	92.55	No
44	Godavari	Sriramasagar	Telangana	92.43	No
45	Wainganga	Upper Wainganga Project	Madhya Pradesh	92	No
46	Musi	Musi Project	Telangana	91	No
47	Krishna	Narayanpur Dam	Karnataka	91	No
48	Brahmani	Rengali Dam	Odisha	88.3	No
49	Gomukanadi	Gomukhi Dam	Tamil Nadu	87.42	No
50	Edamalayar	Edamalayar	Kerala	85.26	No
51	Cauvery	Mettur Dam	Tamil Nadu	83.35	No
52	Periyar	Idukki Dam	Kerala	83.2	No
53	Machhkund	Machhkund Project	Odisha	82.8	No
54	Krishna	Priyadarshini Jurala Project	Telangana	82	No
55	Gambhiri	Panchana Dam	Rajasthan	80.13	No
56	Panam	Panam Dam	Gujarat	79.78	No
57	Parwati	Parwati Dam	Rajasthan	75.25	No
58	Mej	Gudha Dam	Rajasthan	74.19	No
59	Indravathi	Upper Indravathi Project	Odisha	71.6	No
60	Wainganga	Gosikhurd Dam	Maharashtra	70.92	No
61	Balimela	Balimela Project	Odisha	70.61	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).