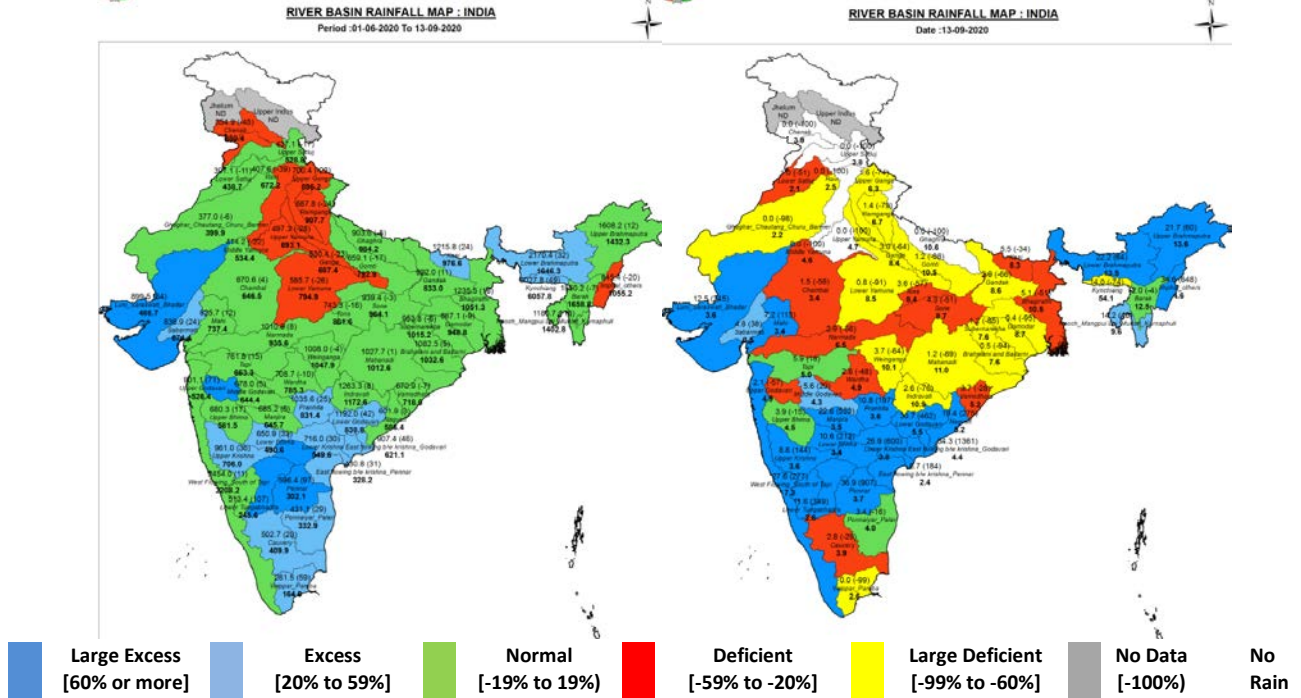




Central Water Commission
Daily Flood Situation Report cum Advisories
13-09-2020

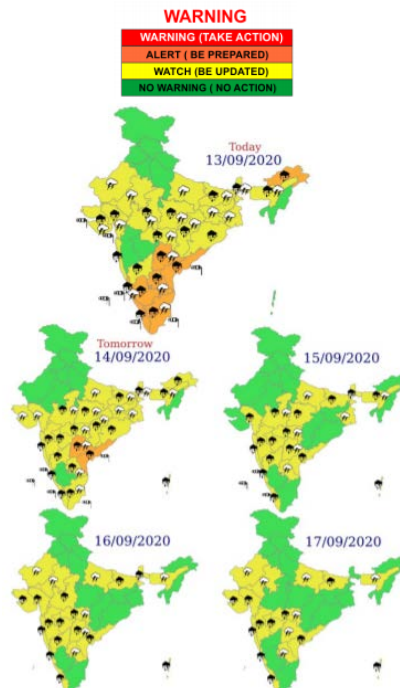
1.0 Rainfall Situation

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 13th September, 2020 (Midday) by IMD



2.0 Flood Situation and Advisories

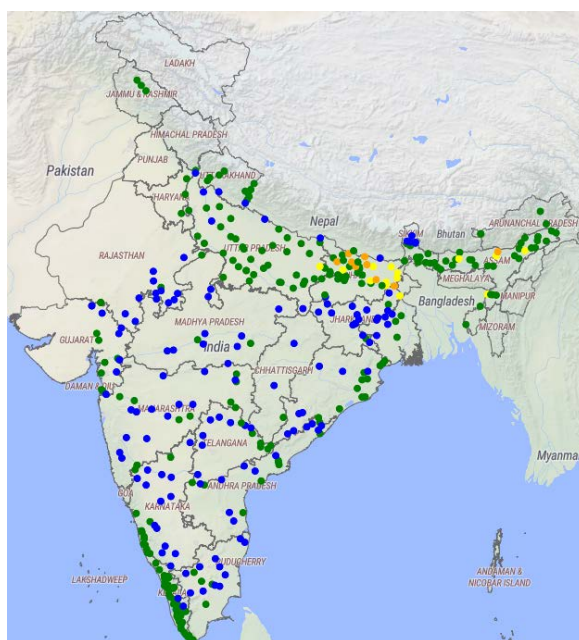
2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 13th September 2020, 8 Stations (6 in Bihar and 1 each in Assam & Jharkhand) are flowing in Severe Flood Situation and 15 stations (9 in Bihar, 4 in Assam, 1 each in Uttar Pradesh & West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 19 Barrages & Dams (6 in Karnataka, 4 in Tamilnadu, 3 in Andhra Pradesh, 1 each in Gujarat, Jharkhand, Madhya Pradesh, Odisha, Telangana & West Bengal)

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))	8
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	15
Total number of sites above Warning Level (A+B+C)		23
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)		19

Details can be seen in link-http://cwc.gov.in/sites/default/files/dfb202013.09.2020_5.pdf

2.1.1 Flood Situation Map



2.2 CWC Advisories

- Fairly widespread to widespread rainfall with isolated heavy falls very likely over Coastal Andhra Pradesh, Telangana, Maharashtra, Gujarat, Coastal & North Interior Karnataka and Kerala & Mahe till 17 September; over South Odisha & South Chhattisgarh on 13 & 14 September, 2020.
- Isolated heavy to very heavy falls are very likely over Coastal Andhra Pradesh & Yanam, Telangana on 13 & 14 September; over Rayalaseema, Coastal & South Interior Karnataka & North Tamilnadu and Kerala & Mahe on 13 September, 2020. Isolated extremely heavy is also very likely over Coastal Andhra Pradesh on today, and over Telangana on 14 September, 2020.

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

Due to forecasted rainfall, increased inflows into the dams in Karnataka in the basins of Cauvery and Krishna are expected. Most of the dams in these Basins are already at FRL or very near to FRL. So, close watch is to be maintained for any abrupt increase in inflows due to such heavy rainfall in the reservoir area. Strict vigil has to be maintained and releases have to be done as per Standard Operating Procedure by all dams.

Srisailem Dam in **Kurnool** District of Andhra Pradesh is getting heavy inflow which is being released into Nagarjunasagar Dam in **Nalgonda** District of Telangana. As the dam is near FRL, it is releasing most of the inflows into KLRS Pulichintala Dam in **Guntur** District and the inflows to this dam is being released to Prakasam Barrage in **Krishna** District. Further, Musi Project in **Suryapet** District of Telangana is also very near its FRL and is releasing the excess flow in Musi River which will also add to the flow into Pulichintala Project. Due to likely increase in rainfall in the Lower Krishna Basin in the wake of low-pressure area which formed today off North Andhra Pradesh Coast and as most of the dams are very near to FRL, strict vigil has to be maintained and releases have to be done as per Standard Operating Procedure by all dams.

Inflows into Somsaile Dam in **Sri Potti Sriramulu Nellore** District in Andhra Pradesh on river Pennar are increasing due to ongoing rainfall in **Anantapur & Kadapa** Districts of Andhra Pradesh. Since rainfall is expected to continue for 48 hours, the dam may get heavy inflows for two days which may increase its storage to near about 80% of its Gross Capacity. No spillage is likely in this spell of rainfall. However, close watch is to be maintained in **Anantapur, Kadapa and Sri Potti Sriramulu Nellore** District in Andhra Pradesh.

Impact Based Actions

Strict vigil is to be maintained in all the above areas for next 3-4 days. It is advised that close watch has to be maintained for increased inflows in dams. Releases from any of these reservoirs may be done as per rule curve and standard operating procedure with advance intimation to downstream areas. 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 13th September 2020

#	River	Station	State	Present Gross Storage (%)	Rainfall Warning
1	Nira	Veer Dam	Maharashtra	100	No
2	Purna	Yeldari Dam	Maharashtra	100	No
3	Krishna	Almatti Dam	Karnataka	100	Yes
4	Bhima	Ujjani Dam	Maharashtra	100	No
5	Betwa	Rajghat Dam	Madhya Pradesh	100	Yes
6	Ghataprabha	Hidkal Dam	Karnataka	100	Yes
7	Narmada	Bargi Dam	Madhya Pradesh	100	Yes
8	Narmada	Barna Dam	Madhya Pradesh	100	Yes
9	Tungabhadra	Tungabhadra Dam	Karnataka	100	Yes
10	Mahi	Kadana Dam	Gujarat	99.84	Yes
11	Narmada	Tawa Dam	Madhya Pradesh	99	Yes
12	Cauvery	Krishnarajasagar	Karnataka	99	Yes
13	Krishna	Srisaillam Dam	Andhra Pradesh	99	Yes
14	Koyna	Koyna Dam	Maharashtra	99	No
15	Warana	Warana Dam	Maharashtra	99	No
16	Wardha	Upper Wardha Project	Maharashtra	98.53	Yes
17	Sabarmati	Dharoi Dam	Gujarat	98.45	Yes
18	Mahi	Mahi Bajajsagar Dam	Rajasthan	98.21	No
19	Krishna	Dr K L R S Pulichintala Dam	Andhra Pradesh	98	Yes
20	Kabini	Kabini Dam	Karnataka	98	Yes
21	Bhadra	Bhadra Dam	Karnataka	98	Yes
22	Musi	Musi Project	Telangana	98	Yes
23	Mula	Mula Dam	Maharashtra	97.42	No
24	Godavari	Jaikwadi Dam	Maharashtra	97	No
25	Krishna	Narayanpur Dam	Karnataka	97	Yes
26	Chambal	Rana Pratap Sagar	Rajasthan	96.8	No
27	Som Kamla	Som Kamla Amba Dam	Rajasthan	96.65	No
28	Godavari	SripadaYellampally Dam	Telangana	96.46	Yes
29	Penganga	Issapur Project	Maharashtra	96.44	Yes
30	Narmada	Indira Sagar Dam	Madhya Pradesh	96	No
31	Narmada	Sardar Sarovar Dam	Gujarat	95.59	Yes
32	Malaprabha	Malaprabha Dam	Karnataka	95	Yes
33	Pench	Totladoh Project	Maharashtra	94.66	Yes
34	Hemavathy	Hemavathy Dam	Karnataka	93	Yes
35	Sone	Bansagar Dam	Madhya Pradesh	93	Yes
36	Godavari	Sriramasagar	Telangana	92.43	Yes
37	Krishna	Priyadarshini Jurala Project	Telangana	90	Yes
38	Harangi	Harangi Dam	Karnataka	89	Yes
39	Mahanadi	Hirakud Dam	Odisha	89	Yes
40	Kalisindh	Kalisindh Dam	Rajasthan	88.21	No
41	Gomukanadi	Gomukhi Dam	Tamil Nadu	87.5	Yes
42	Sindhpana	Manjlegaon	Maharashtra	87.14	No
43	Tapi	Ukai Dam	Gujarat	87.1	Yes
44	Brahmani	Rengali Dam	Odisha	86.2	Yes
45	Chambal	Gandhisagar Dam	Madhya Pradesh	86	Yes
46	Bhavani	Bhavani Sagar	Tamil Nadu	85.99	Yes
47	Gambhiri	Panchana Dam	Rajasthan	84.91	No
48	Wainganga	Upper Wainganga Project	Madhya Pradesh	81.94	Yes
49	Kaddamvagu	Kaddam Dam	Telangana	78.29	Yes
50	Parwati	Parwati Dam	Rajasthan	76.52	No
51	Parwati	Parwati Dam	Rajasthan	76.52	No
52	Salandi	Salandi Dam	Odisha	75.6	Yes
53	Mej	Gudha Dam	Rajasthan	73.19	No
54	Tapi	Hathnur Dam	Maharashtra	72.55	Yes
55	Machhkund	Machhkund Project	Odisha	72.29	Yes
56	Pennar	Somasila Dam	Andhra Pradesh	72	Yes
57	Panam	Panam Dam	Gujarat	71.87	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).