



Central Water Commission
Daily Flood Situation Report cum Advisories
Lower Krishna Division, KGBO
19.08.2020

1.0 Rainfall Situation

Chief Amount of rainfall recorded at 0830 hours IST of today (50 mm or more) as per IMD

Name of Place(State)	Rainfall (in mm)
Agumbe	121.4
Mahabaleshwar	97
Koyna	80
Warana	50

2.0 SYNOPTIC SITUATION: as per IMD dated: 19.08.2020

The Low Pressure Area over north Bay of Bengal & neighbourhood now lies as a Well Marked Low Pressure Area over Northwest Bay of Bengal & neighbourhood with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwestwards with height. It is very likely to move westwards gradually and concentrate into a Depression during next 24 hours.

The monsoon trough at mean sea level now passes through Ganganagar, Delhi, Badaun, Allahabad, Daltonganj and thence east- southeastwards to the centre of Well Marked Low Pressure Area over Northwest Bay of Bengal & neighbourhood.

The east- west shear zone now runs roughly along Lat. 21°N across central India between 3.6 km & 5.8 km above mean sea level tilting southwards with height.

A fresh Low Pressure Area is likely to develop over Northwest Bay of Bengal & neighbourhood around 23rd August, 2020.

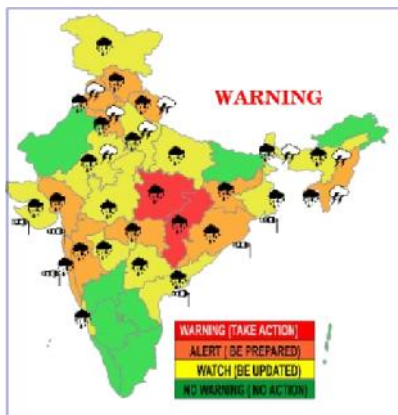
The cyclonic circulation over northeast Madhya Pradesh & neighbourhood extending upto 5.8 km above mean sea level tilting southwards with height has become less marked.

3.0 Rainfall forecast for next 5 days issued on 19th Aug 2020 (Midday) by IMD

19th Aug 2020



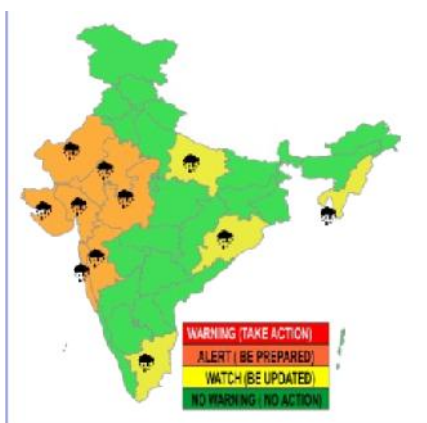
20th Aug 2020



21st Aug 2020



22nd Aug 2020



23rd Aug 2020



There is no heavy Rainfall warning in Basin states fo of Krishna Basin hence no flood situation for next five days.

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|--|--|--|--|
|  Heavy Rain |  Heavy Snow |  Thunderstorm |  Dust Storm |
|  Strong Winds |  Visibility |  Cyclone |  Squall/ Hail |
|  Frost |  Cold Wave |  Heat Wave |  Sea State |

4.0 QPF of Basin/Sub-Basin as per IMD dated:19.08.2020

S. No.	BASIN NAME	SUB-BASIN CODE/NAME	QPF (mm) Valid upto 0830hrs IST		
			Day-1 Valid till 0830hrs IST of 20.08.202 0	Day-2 Valid till 0830 hrs IST of 21.08.2020	Day-3 Valid till 0830 hrs IST of 22.08.2020
1	Krishna	Ghataprabha	0.1-10	0.1-10	0.1-10
2		Hagari/Vedavati	0.1-10	0.1-10	0.1-10
3.		Lower Bhima	11-25	11-25	0.1-10
4.		Lower Tungabhadra	0.1-10	0.1-10	0.1-10
5.		Middle Krishna	0.1-10	0.1-10	0.1-10
6.		Middle Tungabhadra	0.1-10	0.1-10	0.1-10
7.		Upper Bhima	11-25	0.1-10	0.1-10
8.		Upper Krishna	11-25	11-25	11-25
9.		Upper Tungabhadra	11-25	11-25	11-25
10		Lower krishna	11-25	0.1-10	0.1-10
11		Musi	11-25	0.1-10	0.1-10
12		Paleru	38-50	11-25	0.1-10
13		Munneru	51-75	11-25	11-25

5.0 Flood Situation & Advisories as per Actual/ Forecasted Rainfall

FLOOD SITUATION SUMMARY		
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)	00
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	00
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	00
Total number of sites above Warning Level (A+B+C)		00
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)		10

Reservoirs / Barrage Inflow Forecast:										
Reservoir/Barrage receiving Inflow more than the Threshold limit										
Name of River	Flood Forecasting Site	District	State	FRL (m)	Actual Level			Forecast		
					Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date
Krishna	Almatti Dam	Bagalkot	Karnataka	519.60	518.05	8.00	F	6700	R	20/08/2020 08:00
Krishna	Narayanpur Dam	Yadgir	Karnataka	492.25	490.03	8.00	R	8400	R	19/08/2020 20:00
Krishna	P D Jurala Project	Mahabubnagar	Telangana	318.52	317.85	8.00	F	9000	S	19/08/2020 18:00
Tungabhadra	Tungabhadra Dam	Bellary	karnataka	497.74	497.44	8.00	F	2350	R	19/08/2020 20:00
Tungabhadra	Sunkesula Barrage	Kurnool	Andhra Pradesh	292.00	291.25	8.00	R	1400	R	19/08/2020 18:00
Krishna	Srisaillam Dam	Kurnool	Andhra Pradesh	269.75	268.19	8.00	R	9700	R	19/08/2020 18:00
Krishna	Pulichintala Proj.	Guntur	Andhra Pradesh	53.34	45.56	8.00	R	715	F	19/08/2020 18:00
Krishna	Prakasam Barrage	Krishna	Andhra Pradesh	17.39	17.39	8.00	S	2200	F	19/08/2020 18:00
Krishna	Hippargi Barrage	Bagalkot	Karnataka	524.87	524.40	8.00	R	6500	R	20/08/2020 08:00
Tungabhadra	Singatluru Barrage	Gadag	Karnataka	509.00	506.60	8.00	S	1800	R	19/08/2020 20:00

Advisory for Kurnool Town

Outflow today from Tungabhadra Dam is around 88,000 cusec. Oollenur (downstream) is rising rapidly. Subsequently, Mantralayam may cross it's Warning Level by today evening. Sunkesula Barrage has increased its outflow to around 50,000 cusec today. Subsequently Kurnool Town may also cross it's Warning Level, subject to further releases from the barrage. Hence, concerned state/district authorities may take a note of the above information and not allow any type of activities in and near the river banks to minimise the effect of flood like situation.