



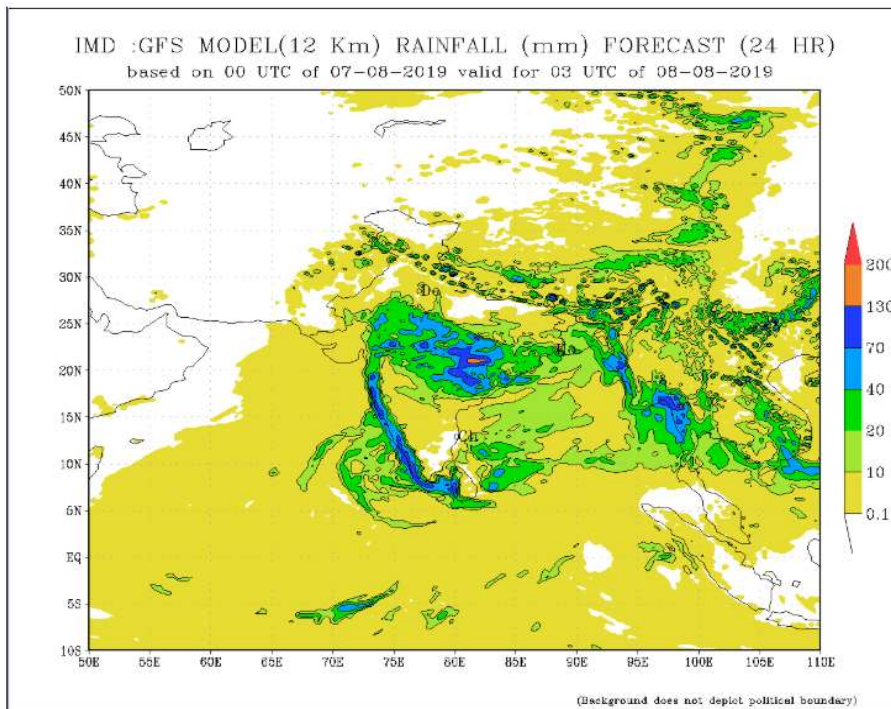
Monitoring (South)
 Organisation Central Water
 Commission Bengaluru
 Special Advisory No.4 (07.08.2019)

1.0 IMD information

1.0.1 Meteorological Situation

As per IMD H.M. Bulletin, heavy rainfall is recorded in the basin of Harangi Dam–93.1 mm, Hemavathi Dam- 78.1 mm, Kabini Dam- 104.9mm, Upper Cauvery- 93.1 mm and Upper Tungbhadra -110.1 mm during the last 24 hours.

1.0.2 IMD GFS Forecast(24Hrs) for 07.08.2019 to 08.08.2019



1.0.3 QPF and Realised Rainfall of Basin/Sub-Basin as per IMD dated: 07.08.2019:

Date	Name of Basin	Name of Sub-Basin	QPF issued valid for Day-1	QPF issued valid for Day-2	QPF issued valid for Day-2
07.08.2019	CAUVERY	HARANGI	>100	>100	51-100
		HEMAVATHI	51-100	51-100	51-100
		KABINI	51-100	51-100	51-100
		MIDDLE CAUVERY	11-25	11-25	11-25
		UPPER CAUVERY	51-100	51-100	51-100
		UPPER TUNGABHADRA	>100	>100	51-100

2.0 CWC Information

2.0.1 Flood Situation & Advisories as per Actual/ Forecasted Rainfall

Due to the continuous heavy rainfall in the basins of Upper Cauvery, Tunga & Bhadra in Krishna Basin and West flowing rivers in Karnataka, there will be a rapid rise in the water level of the rivers in Cauvery, Krishna (Tunga & Bhadra), West flowing rivers in Karnataka, flowing through the districts of Kodagu, Chikmagalur, Hassan, Shivamogga, Mandya, Chamarajanagar, Dakshina Kannada, Udipi and Uttara Kannada, Belgavi, Vijayapura, Bagalkote, Kalburgi, Yadigiri, Dharwad and Raichur. Accordingly State/Civil authorities of the above Districts may take appropriate measures.

The present rainfall situation and water levels indicate that the inflow to the Dams/reservoirs in the Cauvery and Krishna (Tunga and Bhadra) Basins in Karnataka will remain more or less steady. The Upper Tunga project is at FRL at present and receiving ~2500 cumecs inflow, and likely to remain slightly rising. Kabini & Harangi reservoirs are also nearing FRL. The concerned Dam authorities may operate the reservoirs appropriately to avoid any flood like situation in the downstream. The downstream civil authorities and Dam authorities may be informed in well advance of any increase of release. **Presently, the Gokak Falls (River-Ghataprabha) and Shimoga (River-Tunga) are now (07.08.2019, 1500 hrs) flowing 4.36 m and 0.13 m above its highest water level ever recorded and Sakleshpura (River-Hemavathy) is flowing above danger level and 0.30 m below its highest water level ever recorded.** The water level at different site of CWC in Upper Cauvery, Tunga and Bhadra are as under.

2.0.2 Water level at various HO sites as on 07.08.2019 at 15:00 hrs:

Sl.No	Site name	River /Tributary/Sub-Tributary	Highest water level (m) ever recorded	Present water level (m)
1.	Akkihebbal	Cauvery /Hemavathi	752.56	748.21
2.	Chunchunkatte	Cauvery	759.46	755.37
3.	Hommaragalli	Cauvery/Kabini	666.165	663.05
4.	K.M.Vadi	Cauvery /Lakshmanathirtha	771.25	768.85
5.	Kokkedoddy	Cauvery/Arkavathi	373.06	370.09
6.	Kollegal	Cauvery	630.25	624.99
7.	Kudige	Cauvery	822.34	816.66
8.	M.H.Halli	Cauvery /Hemavathi	846.655	839.33
9.	Muthankera	Cauvery /Kabini	713.49	710.65
10.	Napoklu	Cauvery	875.795	869.26(14:00hrs)
11.	Sakleshpur	Cauvery /Hemavathi	893.4	893.1
12.	T.Bekuppe	Cauvery /Arkavathi	608.1	604.75
13.	T.K.Halli	Cauvery /Shimsha	585.95	580.74
14.	T.Narasipur	Cauvery /Kabini	643.25	635.25
15.	Thimmanahalli	Cauvery / Hemavathi/Yagachi	909.665	907.33
16.	Hariharapura	Krishna/Tungabhadra/Tunga	845.72	844.5
17.	Navalgund	Krishna/Malaprabha/Bennihalla	568.57	565.6
18.	Gokak Falls	Krishna/Ghataprabha	546.88	551.24
19.	Mudhol	Krishna/Ghataprabha	538.25	540.02
20.	Shimoga	Krishna/Tungabhadra/Tunga	568.43	568.56

2.0.3 Daily flood Bulletin (07.08.2019)

Central Water Commission

Division: Cauvery Division, Bengaluru

Daily Water Level and Forecast Bulletin No. 36. Date:07/08/2019



Sl. No.	River Name	Station Name	FRL	Present Level			Rainfall (mm)	Forecast			
			Level (m)	Level (m)	Time	Inflow(Cumecs)		Inflow(Cu sec)	Trend	Date	Time
1	Harangi	Harangi Dam	871.42	866.41	06:00	46.8	420	14832	Rising	08.08.2019	08:00
2	Hemavathi	Hemavathi Dam	890.63	883.85	06:00	-	1350	47675	Rising	08.08.2019	08:00
3	Kabini	Kabini Dam	696.16	694.58	06:00	60.0	760	26839	Rising	08.08.2019	08:00
4	Cauvery	Krishna Raja Sagar	752.49	740.94	06:00	-	1100	38846	Rising	08.08.2019	08:00
5	Tunga	Upper Tunga Project	588.24	588.24	06:00	-	2800	98881	Rising	08.08.2019	08:00
6	Bhadra	Bhadra Dam	657.75	648.08	06:00	136.0	1100	38846	Rising	08.08.2019	08:00

Executive Engineer
Cauvery Division
CWC, Bangalore