



**CENTRAL WATER COMMISSION
KRISHNA GODAVARI BASIN ORGANISATION
LOWER GODAVARI DIVISION**

303, Krishna Godavari Bhawan
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**Daily Flood Situation Report cum Advisories
13.09.2023**

1.0 Rainfall Situation Chief Amount of rainfall recorded at 8:30 hours IST of today (12.0cm or Above) as received from IMD.

Name of Place (State)	Rainfall (in cm)
Machkund W/T [OD].	16.0
Kunturla W/T [OD].	14.0
Balimela W/T [OD].	12.0

1.1 Rainfall Forecast for 7 days issued on 13th September 2023 by IMD

QPF Bulletin FORECAST FOR NEXT SEVEN DAYS:

S.NO	BASIN	Sub-Basin Code/Name	QPF (MM)						
			DAY_1 13/09/2023	DAY_2 14/09/2023	DAY_3 15/09/2023	DAY_4 16/09/2023	DAY_5 17/09/2023	DAY_6 18/09/2023	DAY_7 19/09/2023
1	GODAVARI	G1/UPPER GODAVARI	0.1-10	0.1-10	11-25	38-50	38-50	26-37	11-25
2		G2/PRAVARA	0.1-10	0.1-10	0.1-10	11-25	26-37	38-50	11-25
3		G3/PURNA	0.1-10	0.1-10	26-37	38-50	38-50	38-50	11-25
4		G4/MANJIRA	0.1-10	0.1-10	26-37	38-50	38-50	26-37	11-25
5		G5/MIDDLE GODAVARI	0.1-10	11-25	26-37	26-37	26-37	0.1-10	0.1-10
6		G6/MANERU	0.1-10	0.1-10	11-25	11-25	11-25	0.1-10	0.1-10
7		G7/PENGANGA	0.1-10	0.1-10	11-25	26-37	26-37	26-37	0.1-10
8		G8/WARDHA	0.1-10	0.1-10	11-25	26-37	26-37	11-25	0.1-10
9		G9/WAINGANGA	11-25	11-25	11-25	26-37	26-37	0.1-10	0.1-10
10		G10/LOWER GODAVARI	11-25	11-25	0.1-10	11-25	11-25	0.1-10	0.1-10
11		G11/INDRAVATHI	26-37	11-25	0.1-10	11-25	11-25	0.1-10	0.1-10
12		G12/SABARI	26-37	11-25	0.1-10	11-25	11-25	0.1-10	0.1-10

QPF categories (mm)	0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
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Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day

CWC Inference:- QPF as received from IMD is given above.

Heavy Rainfall of (38-50) is Predicted in Subcatchments of Upper Godavari, Purna and Manjira on Day 4 and Day 5, Pravara and Purna on Day 6 of Godavari Basin.

Moderate Rainfall of (26-37 mm) is Predicted in Subcatchments of Indravathi and Sabari on Day 1, Purna, Manjira and Middle Godavari on Day 3, Middle Godavari on Day 4, Pravara and Middle Godavari on Day 5, Upper Godavari and Manjira on Day 6 of Godavari Basin.

Light Rainfall of (11-25 mm) is Predicted in Subcatchments of Lower Godavari on Day 1, Middle Godavari, Lower Godavari, Indravathi and Sabari on Day 2, Upper Godavari and Maneru on Day 3, Pravara, Maneru, Lower Godavari, Indravathi and Sabari on Day 4, Maneru , Lower Godavari, Indravathi and Sabari on Day 5, Upper Godavari, Pravara, Purna and Manjira on Day 7 of Godavari Basin.

Remaining catchments will receive Very light rainfall of (0.1-10mm) is predicted for the remaining Days of Godavari Basin.

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)	NIL
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	NIL
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	NIL
Total number of sites above Warning Level (A+B+C)		NIL
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		03

2.0.1 Above Normal

River	District	Warning Level (M)	Danger Level (M)	Highest Flood Level (m)	Forecasted Level
					Trend
Station	State				Date
					Time

2.0.2 Severe Flood Situation

River	District	Warning Level (M)	Danger Level (M)	Highest flood Level (M)	Forecasted Level
					Trend
Station	State				Date
					Time

2.0.3 Extreme Flood Situation:

River	District	Warning Level (M)	Danger Level (M)	Highest flood Level (M)	Forecasted Level
Station	State				Trend
					Time

2.0.4 Reservoir/Barrage receiving Inflow more the Threshold Limit

S.No	Name of River	District	FRL (m)	Actual Levels			Forecast Levels			
	Station	State		Level (m)	Time	Trend	Average (Cumecs)	Trend	Date	Time
01	Godavari / Laxmi Barrage	Bhupalpally / TS	100.00	91.60	06:00	Falling	4,500	Falling	14-09-2023	06:00
02	Godavari / PVN Rao Kantanapally Project	Mulugu / TS	83.00	77.1	06:00	Falling	8,000	Falling	14-09-2023	06:00
03	Godavari / Polavaram Irrigation Project	Eluru / AP	45.72	19.317	08:00	Rising	11,500	Steady	13-09-2023	20:00

3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 13th September 2023

S.NO	River	Station	State	Present Live Storage (%)	Rainfall Warning
1	Manjira	Nizamsagar Dam	Telangana	100.00	Yes
2	Godavari	NMD Weir	Maharashtra	100.00	No
3	Godavari	Sriramsagar Project	Telangana	100.00	Yes
4	Godavari	Sripada Yellampalli Project	Telangana	96.21	Yes
5	Manjira	Singur dam	Telangana	95.91	Yes
6	Karanja	Karanja Dam	Karnataka	95.33	No
7	Kaddam	Kaddam Dam	Telangana	87.93	Yes
8	Mula	Mula Dam	Maharashtra	76.49	No

Reservoirs shown in red are having live storage greater than 90%, reservoirs shown in orange are having live storage greater than 75% and the reservoirs shown in yellow are having live 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).