



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

303, Krishna Godavari
Bhawan
11-4-648, A.C.Guards
Hyderabad-500004
Ph:040-29808752

**Daily Flood Situation Report cum Advisories
27.09.2021**

**1.0 Rainfall Situation Chief Amount of rainfall recorded at 8:30 hours IST of today
(10 cm or more) as per IMD.**

Name of Place (State)	Rainfall (in cm)
POTTANGI (OD)	15.0
KOIDA (AP), KOIDA (TS)	13.0
VALLEY (AP), AMALAPURAM (AP)	12.0
DOWLESHWARAM (AP), KAKINADA (AP), Balimela (OD)	11.0
CHINTAPALLE (AP), POLAVARAM (AP), RAJAHMUNDRY (AP), PALAKODERU (AP), KOYYALAGUDEM (AP)	10.0

1.1 Rainfall Forecast for 5 days issued on 27th September 2021 by IMD

QPF Bulletin FORECAST FOR NEXT Five DAYS:

			QPF(mm)				
SNO	Basin Name	Sub basin code/Name	Day-1	Day-2	Day-3	Day-4	Day-5
			(09/27/2021)*	(09/28/2021)*	(09/29/2021)*	(09/30/2021)*	(10/01/2021)*
1	GODAVARI	G1/ UPPER GODAVARI	26-37	38-50	0.1-10	0.1-10	0.1-10
2		G2/PRAVARA	26-37	26-37	0.1-10	0.1-10	0.1-10
3		G3/PURNA	26-37	26-37	0.1-10	0.1-10	0.1-10
4		G4/MANJIRA	51-75	26-37	0.1-10	0.1-10	0.1-10
5		G5/MIDDLE GODAVARI	38-50	0.1-10	0.1-10	0.1-10	0.1-10
6		G6/MANERU	51-75	0.1-10	0.1-10	0.1-10	0.1-10
7		G7/PENGANGA	26-37	0.1-10	0.1-10	0.1-10	0.1-10
8		G8/WARDHA	26-37	0.1-10	0.1-10	0.1-10	0.1-10
9		G9/WAINGANGA	11-25	0.1-10	0.1-10	0.1-10	0.1-10
10		G10/LOWER GODAVARI	38-50	0.1-10	0.1-10	0.1-10	0.1-10
11		G11/INDRAVATHI	26-37	0.1-10	0.1-10	0.1-10	0.1-10
12		G12/SABARI	26-37	0.1-10	0.1-10	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. Moderate rainfall (26.0-37.0 mm) is predicted in sub catchment of Upper Godavari, Pravara, Purna, Indravathi and Sabari on Day 1, Pravara, Purna and Manjira on Day 2 of Godavari Basin.

Heavy rainfall (38.0-50.0 mm) is predicted in sub catchment of Middle Godavari and Lower Godavari on Day 1, Upper Godavari on Day 2 of Godavari Basin.

Heavy to very Heavy rainfall (51.0-75.0 mm) is predicted in sub catchment of Manjira and Maneru on Day 1 of Godavari Basin.

Remaining catchments will receive very light rainfall (0.1-10mm) for the remaining days.

Due to cyclone Gulab, the catchments of Upper Godavari, Manjira, Middle Godavari, Maneru, Lower Godavari, Indravathi and Sabari will receive heavy rainfall, so the sites in the catchment be watchful.

As PVNRaoKantapally (Sammakka Barrage), is passing (5,61,500 Cusecs) water due to inflows into the barrage, the same will reach downstream and water levels of downstream sites will rise considerably, hence it is advised that the sites from Perur to Dowlaiswaram to be watchful.

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)		5

2.0.1 Above Normal

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

2.0.2 Severe Flood Situation

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

2.0.3 Extreme Flood Situation:

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

2.0.4 Reservoir/Barrage receiving Inflow more the Threshold Limit

Name of River	District	FRL (m)	Actual Levels			Forecast Levels			
Station	State		Level (m)	Time	Trend	Average (Cumecs)	Trend	Date	Time
Godavari / Singur Dam	Sangareddy / Telangana	523.6	523.44	06:00	Rising	1,250	Rising	28-09-2021	06:00
Godavari / Nizam Sagar Dam	Kamareddy / Telangana	428.24	427.94	06:00	Rising	1,500	Rising	28-09-2021	06:00
Godavari / Sriramsagar Project	Nirmal / Telangana	332.54	332.35	06:00	Rising	7,000	Rising	28-09-2021	06:00
Godavari / Sripada Yellampalli Project	Peddapally / Telangana	148.00	147.74	06:00	Rising	10,000	Rising	28-09-2021	06:00
Godavari / Lakshmi Barrage	J.Bhupalpally / Telangana	100.00	98.00	06:00	Rising	16,500	Rising	28-09-2021	06:00

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 27th September 2021

S.No.	River	Station	State	Present Live Storage (%)	Rainfall Warning
1	Godavari	NMD Weir	Maharashtra	100.00	Yes
2	Purna	Yeldari Dam	Maharashtra	100.00	Yes
3	Mula	Mula Dam	Maharashtra	99.47	Yes
4	Sindhpana	Manjlegaon	Maharashtra	98.46	Yes
5	Godavari	Sripada Yellampalli Project	Telangana	95.61	Yes
6	Godavari	Sriramsagar Project	Telangana	95.39	Yes
7	Manjira	Singur Dam	Telangana	95.37	Yes
8	Karanja	Karanja Dam	Karnataka	91.73	Yes
9	Manjira	Nizamsagar Dam	Telangana	91.51	Yes
10	Kaddam	Kaddam Dam	Telangana	85.01	Yes
11	Godavari	Jaikwadi Dam	Maharashtra	83.10	Yes

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).

NOTE : Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.