



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

303, Krishna Godavari
Bhawan
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**Daily Flood Situation Report cum Advisories
10.09.2021**

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

Name of Place (State)	Rainfall (in cm)
GOREGAON(MP)	08
DEORI(MP), SADAKARJUNI(MP)	07
AMGAON(MP)	06
MOHADI(MP)	05

1.1 Rainfall Forecast for 5 days issued on 10th September 2021 by IMD

QPF Bulletin FORECAST FOR NEXT Five DAYS:

SN O	Basin Name	Sub basin code/Name	QPF(mm) Day-1	Day-2	Day-3	Day-4	Day-5
			(09/10/2021)*	(09/11/2021)*	(09/12/2021)*	(09/13/2021)*	(09/14/2021)*
1	GODAVARI	G1/ UPPER GODAVARI	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
2		G2/PRAVARA	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
3		G3/PURNA	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
4		G4/MANJIRA	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
5		G5/MIDDLE GODAVARI	0.1-10	11-25	0.1-10	0.1-10	0.1-10
6		G6/MANERU	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
7		G7/PENGANGA	0.1-10	0.1-10	0.1-10	0.1-10	0.1-10
8		G8/WARDHA	0.1-10	11-25	0.1-10	0.1-10	11-25
9		G9/WAINGANGA	11-25	11-25	11-25	11-25	26-37
10		G10/LOWER GODAVARI	11-25	0.1-10	11-25	0.1-10	11-25
11		G11/INDRAVATHI	11-25	11-25	26-37	11-25	11-25
12		G12/SABARI	11-25	11-25	26-37	26-37	11-25

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. Light rainfall (11-25 mm) is predicted in sub catchments of Lower Godavari, Indravathi and Sabari on Day 1, Indravathi and Sabari on Day 2, Lower Godavari on Day 3, Indravathi on Day 4, Lower Godavari, Sabari and Indravathi on Day 5 of Godavari Basin.

Moderate rainfall (26.0-37.0 mm) is predicted in sub catchment of Indravathi and Sabari on Day 3, Sabari on Day 4 of Godavari Basin.

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

As PVNRaoKantapally (Sammakka Barrage), is passing (8,80,000 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. The sites, Kunavaram, Dowlaiswaram are above warning levels and will rise Furthur.

FLOOD SITUATION SUMMARY		
PART - I: LEVEL FORECAST		
S.N O.	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)	3
Total number of sites above Warning Level (A+B+C)		3
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		3

2.0.1 Above Normal

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Forecasted Level
	Station			State	Date
Date					
Time					
Godavari / Bhadrachalam	B. Kothagudem / Telangana	45.72	48.76	55.66 / 16-08-1986	45.72 / Falling/ 10-09-2021 / 15:00
Godavari / Kunavaram	East Godavari / Andhra Pradesh	37.74	39.24	51.30 / 16-08-1986	39.00 / Falling/ 10-09-2021 / 21:00
Godavari / Dowlaiswaram	East Godavari / Andhra Pradesh	14.25	16.08	18.36 16-08-1986	14.35/ Rising / 10-09-2021 / 21:00

2.0.2 Severe Flood Situation

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

2.0.3 Extreme Flood Situation:

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Forecasted Level	
				Date	Trend	
Station	State				Date	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 / Sriramsagar Project	Nirmal / Telangana	332.54	1089.10	06:00	Falling	6,500	Falling	11-09-2021	06:00
Godavari / Sripada Yellampalli Project	Peddapally / Telangana	148.00	147.16	06:00	Falling	9,500	Falling	11-09-2021	06:00
Godavari / Lakshmi Barrage	J.Bhupalpally / Telangana	100.00	96.60	06:00	Falling	20,000	Falling	11-09-2021	06:00

3.0 Storage Position in Dams where Inflow forecast is being issued by CWC as on 10th September 2021

S.No.	River	Station	State	Present Live Storage (%)	Rainfall Warning
1	Purna	Yeldari Dam	Maharashtra	100.00	No
2	Godavari	PVNRao Kantapally Project	Telangana	100.00	Yes
3	Godavari	NMD Weir	Maharashtra	98.45	No
4	Manjira	Singur Dam	Telangana	97.00	Yes
5	Manjira	Nizamsagar Dam	Telangana	95.08	Yes
6	Kaddam	Kaddam Dam	Telangana	94.69	Yes
7	Sindhpana	Manjlegaon	Maharashtra	94.10	No
8	Karanja	Karanja Dam	Karnataka	90.34	No
9	Godavari	Sriramsagar Project	Telangana	85.79	Yes
10	Godavari	Sripada Yellampalli Project	Telangana	85.75	Yes
11	Mula	Mula Dam	Maharashtra	77.53	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).

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.