



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

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**Daily Flood Situation Report cum Advisories
01.09.2021**

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

Name of Place (State)	Rainfall (in cm)
GHANSAWANGI(MH)	12.0
BHOKARDAN(MH)	11.0
AMBAD(MH), MALLAPUR(TS)	10.0
GIDHADE - FMO(MH)	9.0
JAFRABAD(MH), KAMMAR PALLE(TS)	8.0
BOATH(TS), UTNUR(TS)	7.0

1.1 Rainfall Forecast for 5 days issued on 01st September 2021 by IMD

QPF Bulletin FORECAST FOR NEXT Five DAYS:

SNO	Basin Name	Sub basin code/Name	QPF(mm)				
			Day-1	Day-2	Day-3	Day-4	Day-5
			(09/01/2021)*	(09/02/2021)*	(09/03/2021)*	(09/04/2021)*	(09/05/2021)*
1	GODAVARI	G1/ UPPER GODAVARI	11-25	11-25	0.1-10	0.1-10	0.1-10
2		G2/PRAVARA	11-25	11-25	0.1-10	0.1-10	0.1-10
3		G3/PURNA	26-37	11-25	0.1-10	0.1-10	0.1-10
4		G4/MANJIRA	11-25	0.1-10	11-25	0.1-10	0.1-10
5		G5/MIDDLE GODAVARI	11-25	11-25	0.1-10	11-25	0.1-10
6		G6/MANERU	11-25	11-25	0.1-10	0.1-10	0.1-10
7		G7/PENGANGA	11-25	11-25	0.1-10	0.1-10	0.1-10
8		G8/WARDHA	11-25	11-25	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	11-25	0.1-10	0.1-10	11-25	0.1-10
11		G11/INDRAVATHI	11-25	0.1-10	11-25	11-25	0.1-10
12		G12/SABARI	11-25	11-25	11-25	11-25	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. Light rainfall (11-25 mm) is predicted in sub catchments of Upper Godavari, Pravara, Manjira, Middle Godavari, Maneru, Lower Godavari, Indravathi and Sabari on Day 1, Upper Godavari, Pravara, Purna, Middle Godavari, Maneru and Sabari on Day 2, Manjira, Indravathi and Sabari on Day 3, Middle Godavari, Lower Godavari, Indravathi and Sabari on Day 4 of Godavari Basin.

Moderate rainfall (26.0-37.0 mm) is predicted in sub catchments of Purna on Day 1 of Godavari Basin.

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

As PVNRaoKantapally (Sammakka Barrage), is passing (3,32,500 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. SRSP has reached its FRL on 24-08-2021 at 07:00 hrs. As per rule curve the operations may be maintained and level may be reduced.

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)		3

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 / Sriramsagar Project	Nizambad / Telangana	332.54	332.48	06:00	Rising	2,500	Rising	02-09-2021	06:00
Godavari / Sripada Yellampalli Project	Mancheriala / Telangana	148.00	147.70	06:00	Rising	3,600	Rising	02-09-2021	06:00
Godavari / Lakshmi Barrage	J.Bhupalpally / Telangana	100.00	97.20	06:00	Rising	6,500	Rising	02-09-2021	06:00

3.Storage Position in Dams where Inflow forecast is being issued by CWC as on 01st September 2021

S.No.	River	Station	State	Present Live Storage (%)	Rainfall Warning
1	Godavari	Sriramsagar Project	Telangana	98.46	Yes
2	Godavari	NMD Weir	Maharashtra	97.05	Yes
3	Godavari	Sripada Yellampalli Project	Telangana	94.93	Yes
4	Karanja	Karanja Dam	Karnataka	89.19	No
5	Kaddam	Kaddam Dam	Telangana	88.43	Yes
6	Purna	Yeldari Dam	Maharashtra	87.01	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.