

Present Organisational Setup

To facilitate forecasting of floods, the Central Water Commission has established a network of river gauge, discharge and rainfall stations in Godavari Basin. The administrative management of these stations is divided among the three divisions, namely Lower Godavari Division, Upper Godavari Division and Wainganga Division. The Lower Godavari Division and Upper Godavari Division with headquarters at Hyderabad function under the control of Superintending Engineer, Godavari Circle, Hyderabad, within the organisational jurisdiction of Chief Engineer, Krishna & Godavari Basin, Hyderabad. The Wainganga Division with headquarters at Nagpur functions under the control of the Superintending Engineer (Co-ordination), Nagpur, within the organisational jurisdiction of the Chief Engineer (Monitoring - Central), Nagpur.

Data Collection Network

The network of river gauge, discharge and rainfall stations transmit the data collected on real-time basis to the flood forecasting centre in the Lower Godavari Division at Hyderabad, using high frequency (HF) wireless sets. The details of river gauging and rainfall stations in Godavari Basin, connected by wireless network are given in Statement-1 and schematic diagram on Data Collection Network is shown in Figure- 4.

The river gauge is observed at every hour on all days from 15th June to 15th October. River discharge is observed once in a day. The river gauges at the gauging stations are connected to GTS benchmark.

Rainfall is observed normally twice in a day and three hourly during the flood season at all the rain gauges maintained by Central Water Commission. Additional rainfall data, the daily weather situation, the Quantitative Precipitation Forecast and the outlook for subsequent two days are being supplied by Flood Meteorological Office of the India Meteorological Department, Hyderabad.

Details of river gauging and rainfall stations in Godavari Basin, connected by wireless network

S.No.	Type of Stations	No. of Sites
1.	Gauge & Discharge with Rainfall	31
2.	Gauge & Rainfall	30
3.	Rainfall	4
4.	Control Rooms	1

DETAILS OF WIRELESS STATIONS IN GODAVARI BASIN

Sl. No.	Name	River	Latitude	Longitude	Remarks
1	Gangapur Dam	Godavari	Wireless station maintained by Maharashtra State Govt.		
2	Nasik	Godavari	20	73	
3	Dharna Dam	Dharna	Wireless station maintained by Maharashtra State Govt.		
4	Palkhed	Kadawa	20	73	R/G BS
5	N.M. Weir	Godavari	19-56-43	74-19-59	R/G BS
6	Kopergaon	Godavari	19-54	74-30	R/G FS
7	Pachegaon	Pravara	19-32	74-52	R/G/D BS
8	Mula Dam	Mula	19-20	74-20-30	R/G BS
9	Lasur	Shiv	19-30-15	74-57-30	R/G BS
10	Jaikwadi Dam	Godavari	19-28	75-23-31	R/G FS
11	Dhalegaon	Godavari	19-13-10	76-21-49	R/G/D BS
12	Gangakhed	Godavari	18-58-15	76-46-13	R/G FS
13	Siddeshwar	Purna	19-35-27	76-56-49	
14	Zari	Dudhna	19-23-41	76-46-24	RGDBS
15	Purna	Purna	40501	77-02	R/G/D BS
16	Nanded	Godavari	40805	77-20-34	R/G FS
17	Saigon	Manjira	36603	77-03	R/G/D BS
18	Karanja Dam	Karanja	Wireless station maintained by Maharashtra State Govt.		RGD BS Data Collected through Singur
19	Singur	Manjira	17-45	77-56	
20	Sangareddy Barrage	Manjira	Wireless station maintained by Maharashtra State Govt.		
21	Nizamsagar	Manjira	18/12/2020	77-55-30	
22	Degloor	Lendi	18-32-44	77-34-39	
23	Bhainsa	Siddhavagu	40317	77-58	

24	Mancherial	Godavari	18-51-01	79-26-40	
25	Aurangabad		19-51	75-10	
26	Nizamabad		18-38-57	78-06-05	
27	Sriramsagar	Godavari	18-55	78-20	
28	P.G.Bridge	Penganga	19-49	78-34	
29	Bhatpalli	Peddavagu	19-18-47	79-27-57	
30	Hivra	Wardha	20-32-49	78-19-36	
31	Nandgaon	Wunna	20-31-00	78-46-26	
32	Ghugus	Wardha	19-56	79-06	
33	Balharsha	Wardha	19-48	79-22	
34	Balaghat	Wainganga	21-52-57	80-10-38	
35	Rajegaon	Bagh	21-37-16	80-14-14	
36	Sitakesa	Bawanthadi	21-35	79-48	
37	Bhandara	Wainganga	21-Oct	79-40	
38	Ramakona	Kanhan	21-43-08	78-49-24	
39	K.R.Bridge	Kanhan	21-13-08	79-13-58	
40	Pauni	Wainganga	20-49	79-39	
41	Ashti	Wainganga	19-41	79-47	
42	Tekra	Pranhita	18-57	79-58	
43	Nagpur Air Port		40350	79-03	
44	Chandrapur		19-58	79-18	
45	Nowrangpur	Indravathi	19-13-36	82-32-24	
46	Kosagumda	Bhaskal	19-16-37	82-14	
47	Jagdapur	Indravathi	40317	82-03	
48	Chindnar	Indravathi	40317	81-18	
49	Tumnar	Dantewada	19-00-30	81-14-20	
50	Pathagudem	Indravathi	18-42	80-18	

51	Kaleswaram	Godavari	18-48-33	79-54-48	
52	Perur	Godavari	18-33	80-22	
53	Eturunagaram	Godavari	18-21	80-26	
54	Dummagudem	Godavari	17-50	80-54	
55	Bhadrachalam	Godavari	17-39-57	80-53-02	
56	Sangam	Kinnersani	17-36	80.49	
57	Saradaput	Sabari	18-36	82-08	
58	Sukma	Sabari	18-24	81-42	
59	Konta	Sabari	17-48	81-23	
60	Kunavaram	Godavari	17-36	81-18	
61	Koida	Godavari	17-29-15	81-23-15	
62	Polavaram	Godavari	17-15	81-40	
63	Rajahmundry	Godavari	16-57-59	81-46-59	
64	Dowlaiswaram	Godavari	16-58	81-47	