

Status of Water Quality Index for the Year, 2018

S.No.	Station Code	NWMP Station	WQI status											
			January	February	March	April	May	June	July	August	September	October	November	December
12	3079	D/s of River Krishna after confluence with treated sewage discharging from 10MLD STP located at Ramalingeshwarnagar, Vijayawada, Krishna District.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.
13	1782	Puligadda aqueduct near Avanigadda (V), Krishna District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
River Pennar														
14	1255	River Pennar at Unganoor (River Pennar before confluence with Chitravathi at Tadipatri), Anantapur District.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.
15	1256	River Pennar at Pushpagiri (River Pennar after confluence with Papagni & Pushpagni), Kadapa District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	River dried up.	Satisfactory	Satisfactory	Satisfactory	Satisfactory
16	30	River Pennar at Siddavatam, Kadapa District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	River dried up.	Satisfactory	Satisfactory	Satisfactory	Satisfactory
17	1257	River Pennar after confluence with Cheyyeru at Somasila, Nellore District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
River Nagavali														
18	1448	River Nagavali at Thotapally Regulatory, Vizianagaram District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
19	2352	River Vamsadhara at Kalingapatnam, Vizianagaram District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Lakes and Tanks														
20	1790	Pulicat lake, Nellore District	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
21	2353	Kondakarla-Ava Lake, Kondakarla, Visakhapatnam District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
22	2354	Samarla kota canal, East Godavari District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
23	2355	Tulje bagh canal, Tekri drain, East Godavari District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
24	3051	Budameru canal near bridge at NH-5, Keesarapally, Krishna District.	Unsatisfactory BOD 11.0 mg/L,	Unsatisfactory BOD 9.8 mg/L	Unsatisfactory BOD 9.4 mg/L	Unsatisfactory BOD 9 mg/L	Unsatisfactory BOD 8.4 mg/L	Unsatisfactory BOD 7.8 mg/L	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
25	3052	Guntathippa drain before confluence with Ryves canal at Ramavarappadu, Krishna District.	Unsatisfactory BOD 8.2 mg/L,	Unsatisfactory BOD 11.6 mg/L, DO 3.8 mg/L	Unsatisfactory BOD 12.8 mg/L, DO 3.6 mg/L	Unsatisfactory BOD 13 mg/L, DO 3 mg/L	Unsatisfactory BOD 14.6 mg/L, DO 3.8 mg/L	Unsatisfactory BOD 13.4 mg/L,	Unsatisfactory BOD 7.4 mg/L,	Unsatisfactory BOD 8.0 mg/L,	Unsatisfactory BOD 5.0 mg/L,	Unsatisfactory BOD 6.8 mg/L,	Unsatisfactory BOD 5.8 mg/L,	Unsatisfactory BOD 5.2 mg/L,

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26	3053	Tulia bagh drain at Vemulavada, East Godavari District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
27	2350	River Hundri at Lakshmipuram, Kurnool District.	River dried up.	Satisfactory	Satisfactory	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	River dried up.	Satisfactory	Satisfactory	Satisfactory
28	2351	River Kundu at Nandyal, Kurnool District.	Satisfactory	Unsatisfactory BOD 3.2 mg/L,	Satisfactory	Unsatisfactory BOD 3.2 mg/L,	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
29	1785	River Thungabhadra at Manthralayam, Kurnool District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory BOD 3.3 mg/L,	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
30	1174	River Thungabhadra at Bhavapuram, Kurnool District.	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory BOD 3.2 mg/L,	Unsatisfactory BOD 3.3 mg/L,	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
31	1177	Munneru before confluence with river Krishna at keesara, Krishna District.	River dried up.	River dried up.	River dried up.	Satisfactory	River dried up.	River dried up.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
32	1178	River Paleru at Jaggaiahpet (before confluence with Krishna), Krishna District.	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

Criteria for Water Quality Index (WQI) calculation as given by		
S.No.	Parameter	
1	Dissolved Oxygen (DO)	> 4 mg/L
2	Biochemical Oxygen Demand (BOD)	< 3 mg/l
3	Fecal Coliform	< 2500 MPN/100 ml
4	Total Coliform	< 5000 MPN/100 ml

Note: Even one single parameter from these four if not complying, the WQI is considered as Unsatisfactory. Green colour indicates satisfactory and Red colour indicates unsatisfactory.