

**A.P. POLLUTION CONTROL BOARD
NATIONAL WATER MONITORING PROGRAMME (NWMP) DATA FOR THE MONTH OF FEBRUARY - 2019**

S.No.	Station code	Station name	District / RO	Programme	Frequency	Monitoring date	Sampling time	Weather	Depth (mtrs.)	Human activities	Floating matter	Colour	Odour	Flow (m ³ /Sec)	Water Temp(°C)	DO (mg/L)	pH	Conductivity uS/cm	BOD (mg/L)	Nitrate-N (mg/L)	Nitrite-N (mg/L)	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Saprobity index	Diversity index	Turbidity (NTU)	Phen-Alk. (mg/L)	Total Alk. (mg/L)	Chloride (mg/L)	COD (mg/L)	TKN (mg/L)	Ammonia-N (mg/L)	Hardness (mg/L)	Calcium (mg/L)	Magnesium (mg/L)	Sulphate (mg/L)	Sodium (mg/L)	TDS (mg/L)	TFS (mg/L)	TSS (mg/L)	Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)	%Sodium (mg/L)	SAR (mg/L)	Major polluting sources	Use of water in downstream
1	25	Upstream of river Krishna at Prakasam barrage	Krishna / Vijayawada	NWMP	Monthly	26.02.2019	03.00 P.M.	Clear	>1 mtr.	Bathing, Cloth washing etc.	None	None	None	-	22	7.3	7.89	751	1.6	0.53	----	2	800	----	----	0.60	158	109	<10	BDL	0.38	BDL	192	36	24	76	90	470	462	4	0.04	0.40	4.4	0.27	49.6	2.8	Domestic	Irrigation purpose
2	1257	Upstream of Pennar river at Somasila	Nellore / Nellore	NWMP	Monthly	02.02.2019	03.30 P.M.	Clear	App 2-ft	----	----	Colorless	Odourless	-	27	7.5	7.80	810	1.8	1.40	----	<2	1300	----	----	1.52	170	116	12	BDL	0.52	BDL	264	50	34	92	60	520	510	6	0.06	0.36	5.2	0.48	32.4	1.6	Domestic	Irrigation purpose
3	1782	Puligadda aqueduct near Avani-gadda (V)	Krishna / Vijayawada	NWMP	Monthly	25.02.2019	04.00 A.M.	Clear	>1 mtr.	Cattle washing, cloth washing, boating etc.	Medium	None	None	-	25	5.7	7.6	30300	2.6	0.72	----	4	>1600	----	----	2.20	138	10100	20	BDL	1.10	BDL	4900	420	936	2200	5800	20600	20565	12	0.12	0.80	174	0.78	70.9	35.8	Domestic	Irrigation purpose
4	1787	River Krishna at Amaravathi	Krishna / Vijayawada	NWMP	Monthly	08.02.2019	09.20 A.M.	Clear	>100cm	None	----	None	None	-	22	7.2	7.9	565	1	0.53	----	<2	800	----	----	0.38	148	78	10	BDL	0.48	BDL	152	44	10	35	52	368	360	4	0.08	0.18	4	0.26	41.7	1.8	Domestic and agriculture	Irrigation purpose
5	1786	Downstream of Krishna river at Vedadri	Krishna / Vijayawada	NWMP	Monthly	26.02.2019	10.30 A.M.	Clear	Approx >1 mts	Bathing, cloth washing, boating ect	----	Clear	None	-	25	7	7.8	910	1.8	0.70	----	2	800	----	----	0.56	210	142	10	BDL	0.42	BDL	246	50	29	72	110	580	571	4	0.04	0.30	5.0	0.70	48.5	3	Industrial	Other
6	1790	2nd Causeway, Pulicot lake	Nellore / Nellore	NWMP	Monthly	02.02.2019	11.30 A.M.	Clear	2-3ft	Fishing	----	Colorless	Odourless	-	28	5.4	7.7	42600	2.2	1.48	----	4	>1600	----	----	1.90	163	13100	16	BDL	1.50	BDL	5200	396	1023	2300	6700	28200	28168	8	0.09	0.64	126	0.83	72.9	40.2	Industrial	-
7	3051	Budameru canal near BDG at NH-5, Keesarapalli	Krishna / Vijayawada	NWMP	Monthly	15.02.2019	11.00 AM	Clear	Approx >1 mts	Fishing and Cloth Washing.	----	Clear	None	-	25	5.6	7.5	1219	2.8	1.90	----	4	1100	----	----	1.63	262	210	22	BDL	3.60	BDL	386	72	50	80	102	790	780	8	0.74	0.40	25	0.82	34.5	2.2	-	Other
8	3052	Guntatippa drain B/C with Ryves canal at Ramavarapadu, Vijayawada	Krishna / Vijayawada	NWMP	Monthly	15.02.2019	11.30 AM	Clear	Approx >1 mts	----	----	Clear	None	-	25	5.2	7.5	2023	5	2.18	----	4	>1600	----	----	1.82	576	290	36	BDL	4.0	BDL	393	90	41	90	226	1318	1306	12	0.92	0.56	40	1.14	52.4	4.9	Agriculturer	Other
9	1178	Downstream of Paleru river at Jaggalahpet	Krishna/ Vijayawada	NWMP	Monthly	26.02.2019	11.15 A.M.	Clear	Approx >1 mts	Others	----	Clear	None	-	26	7.1	7.69	1100	1.4	0.82	----	<2	1100	----	----	0.84	296	148	<10	BDL	0.46	BDL	320	68	36	92	104	700	690	8	0.08	0.92	7.4	0.63	40.5	2.5	Industrial	----
10	1177	Downstream of Munneru river at Keesara	Krishna/ Vijayawada	NWMP	Monthly	Sample was not collected due to dry condition for the month of February, 2019.																																										
11	3079	D/s of River Krishna after Confluence with treated Sewage discharging from 10 MLD STP located at Ramalingeshwarnagar, vijayawada. Oct)	Krishna/ Vijayawada	NWMP	Monthly	Sample was not collected due to dry condition for the month of February, 2019.																																										
12	30	River Pennar at Siddavatam, YSR District	Kadapa/ Tirupathi	NWMP	Monthly	07.02.2019	11:00 AM	Clear	< 50 cm	Others	None	Clear	None	-	26	6.4	7.3	1010	1.0	1.1	0.03	Nil	400	----	----	1.7	----	173	133	7	0.8	0.6	217	119	98	133	131	597	481	19	0.01	0.1	3.0	0.3	56	3.9	Nil	Irrigation
13	1174	River Thungabhadra at Bhavapuram	Kurnool / Kurnool	NWMP	Monthly	07.02.2019	07.20 AM	Clear	< 50 cm	Others	None	Clear	None	-	196	6.5	7.03	1509	2.5	1.4	0.02	100	500	----	----	6.0	----	254	189	21	0.8	0.6	221	111	110	222	243	897	720	8	0.02	0.2	5.1	0.4	70	7.1	Nil	Irrigation
14	1175	River Krishna at Sangameswaram	Kurnool / Kurnool	NWMP	Monthly	15.02.2019	08.42 AM	Clear	> 100 cm	Others	None	Clear	None	-	206	6.2	7.5	469	1.0	1.1	0.03	Nil	400	----	----	8.3	----	107	51	8	0.8	0.6	145	88	57	48	41	269	217	13	0.04	0.1	2.0	0.4	38	1.5	Nil	Irrigation
15	1255	River Pennar at Uanganoor	Sample was not collected due to dry condition for the month of February, 2019.																																													
16	1256	River Pennar at Pushpagiri	Kadapa / Tirupathi	NWMP	Monthly	07.02.2019	09.30 AM	Clear	< 50 cm	Others	None	Clear	None	-	25	6.1	7.23	1039	1.0	1.1	0.03	Nil	400	----	----	2.2	----	181	131	7	0.8	0.6	233	134	99	142	130	602	485	8	0.03	0.1	2.7	0.3	54	3.7	----	Nil
17	1785	River Thungabhadra at Manthralayam	Kurnool/ Kurnool	NWMP	Monthly	13.02.2019	09.15 AM	Clear	< 50 cm	Bathing ghat	None	Clear	None	-	23	5.8	7.5	1403	2.8	1.8	0.02	100	600	----	----	3.1	----	192	162	21	1.4	0.6	200	108	92	263	230	866	697	10	0.2	0.3	5.0	1.1	71	7.1	----	--
18	2350	River Hundri near Laxmipuram village	Kurnool/ Kurnool	NWMP	Monthly	07.02.2019	06.40 AM	Clear	< 50 cm	Others	None	Clear	None	-	19	5.6	7.20	1020	1.8	1.7	0.18	100	600	----	----	10.9	----	173	135	16	1.4	0.8	158	83	75	138	163	621	499	12	0.1	0.3	6.4	0.9	68	5.6	----	Nil
19	2351	River Kundu at Nandyal	Kurnool/ Kurnool	NWMP	Monthly	15.02.2019	8.00 AM	Clear	50-100 cm	Others	None	Clear	None	-	18	5.6	7.4	1630	2.2	1.4	0.2	100	800	----	----	11.0	----	369	206	16	1.4	0.8	333	169	164	146	216	955	767	20	0.3	0.2	14.6	0.5	57	5.1	----	Town sewage
20	3083	River Krishna D/s. of Srishailam (Pathalaganga)	Kurnool/ Kurnool	NWMP	Monthly	13.02.2019	07.51 AM	Clear	----	Bathing ghat	None	Clear	None	-	19	6.4	7.7	481	1.0	1.1	0.03	Nil	400	----	----	2.0	----	131	44	8	0.8	0.3	160	88	72	43	38	272	221	7	0.03	0.2	2.4	0.2	34	1.3	----	----
21	14	River Godavari at Polavaram	West Godavari / Eluru	NWMP	Monthly	16.02.2019	02.20PM	Clear	50-100 cms	None	None	Clear	None	-	28	5.9	7.29	238	1.5	0.78	0.07	7	120	----	----	16.40	0.0	96	20	4	0.12	0.01	108	60	48	7.11	9.25	152	140	38	0.02	0.02	2.44	0.22	15.35	0.39	None	Drinking, washing, etc.
22	1218	U/s of River Godavari at Rajahmundry (Kumaradevam)	West Godavari / Eluru	NWMP	Monthly	16.02.2019	03.25PM	Clear	50-100 cms	Cloth washings	None	Clear	None	-	29	6.2	7.1	219	1.6	0.83	0.05	7	120	----	----	15.30	0.0	80	20	4	0.13	0.02	92	48	44	6.89	9.09	140	128	42	0.02	0.01	2.46	0.16	17.22	0.41	None	Drinking, washing, etc.
23	1219	D/s of River Godavari at Rajahmundry (Dhavaleswaram)	East Godavari / Kakinada	NWMP	Monthly	15.02.2019	05.40PM	Clear	50-100 cms	Cattle wading	Moderate	Brown	None	Moderate	25	8.0	7.4	213	1.3	0.26	0.09	9	120	----	----	3.26	0.0	80	15	4	0.11	0.02	80	40	40	5	10.24	128	116	18	0.01	0.01	2.14	0.23	21.23	0.50	Industrial, domestic	Drinking, washing, irrigation, etc.
24	1448	River Nagavali at Thotapally Regulatory	Vizianagaram / Vizianagaram	NWMP	Monthly	11.02.2019	12.10 PM	Cloudy	50-100	Others	None	Clear	None	-	28	6.4	7.2	345	1.5	0.25	0.05	7	240	----	----	4.86	0.0	132	29	4	0.14	0.01	128	72	56	11.47	20.92	224	210	12	0.03	0.02	3.38	0.23	25.62	0.80	Industrial	Agriculture purposes
25	2352	River Vamsadhara at Gara, Kalingapatnam	Vizianagaram	NWMP	Monthly	11.02.2019	12.15PM	cloudy	50-100 cms	Others	None	Clear	None	-	28	6.0	7.3	356	1.4	0.62	0.27	15	240	----	----	11.50	0.0	144	25	8	0.10	0.01	144	80	64	11.28	18.36	228	212	28	0.03	0.01	3.61	0.17	21.2	0.67	Industrial	Agriculture purposes
26	2353	Kondakarla-Ava Lake, Kondakarla	Visakhapatnam	NWMP	Monthly	11.02.2019	05.30PM	Clear	>100 cms	Others	None	Clear	None	-	26	6.2	7.4	1007	1.6	2.11	0.06	21	460	----	----	6.17	0.0	340	137	20	0.22	0.07	264	152	112	23.19	118.6	692	680	18	0.01	0.11	6.72	0.43	48.65	3.18	Domestic	Washing purposes
27	2355	Tulje bagh canal, Tekri drain	Kakinada	NWMP	Monthly	15.02.2019	06.30AM	Clear	50-100 cms	None	Moderate	Clear	None	Moderate	24	4.5	7.00	1491	1.9	3.04	0.02	15	1100	----	----	11.90	0.0	172	377	20	0.28	0.02	368	224	144	57.20	196	1032	1020	36	0.01	0.08	7.80	0.29	53.04	4.45	Industrial and domestic purposes	Washing purposes

