

NWMP DATA FOR THE MONTH OF NOVEMBER 2021

Sr. No	Name Of Monitoring Location	Temp (°C)	Velocity (m/s)	DO (mg/l)	pH	Cond (µs/cm)	BOD (mg/l)	Nitrate-N (mg/l)	Nitrite-N (mg/l)	Total Coliform (MPN/100ml)	Fecal Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Turbidity (NTU)	Phenolphthalein Alkalinity (mg/l)	Total Alkalinity (mg/l)	Chlorides (mg/l)	COD (mg/l)	Total Kjeldhal Nitrogen (mg/l)	Ammonia-N (mg/l)	
1	RIVER MANDОВI AT RIBANDER-CHODNA FERRY	28	-	6.8	7.24	25060.0	BDL	0.10	BDL	170	120	70	6.12	BDL	72.0	10518.0	-	1.70	0.07	
2	RIVER ZUARI AT CORTALIM	30	0.2	5.5	7.90	36360.0	BDL	0.19	0.066	4600	2300	940	8.06	BDL	84.0	13352.00	-	4.50	0.09	
3	RIVER MANDОВI UNDER MANDОВI BRIDGE	28	-	6	7.28	36840.0	BDL	0.11	BDL	170	110	49	4.38	6.0	82.0	10762.6	-	5.6	0.11	
4	RIVER ZUARI AT PANCHAWADI	29	0.1	5.6	6.82	2707.0	BDL	BDL	BDL	2300	1300	460	2.22	BDL	34.0	2124	-	1.10	0.09	
5	RIVER MANDОВI AT TONCA- MARCELA	28	0.1	6.7	7.22	5143.0	BDL	BDL	BDL	1300	790	220	4.3	BDL	38.0	2374.00	-	3.4	0.09	
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	28	0.3	8.1	6.85	90.80	BDL	0.2	BDL	2200	1300	230	7.47	BDL	22.0	10.2	4.0	1.68	BDL	
7	RIVER VALVANTI	30	0	7.9	6.26	60.36	BDL	0.1	BDL	1700	1300	220	5.34	BDL	22.0	6.0	6.0	1.68	BDL	
8	RIVER MADAJ AT DABOS - VALPOL, GOA	31	0.2	8.7	6.36	71.82	BDL	BDL	BDL	790	490	140	7.81	BDL	36.0	7.0	6.0	1.68	BDL	
9	RIVER KHANDEPAR AT OPA	30	0	8.2	7.08	61.76	BDL	BDL	BDL	700	460	240	3.19	BDL	30.0	4.50	4.0	3.40	BDL	
10	RIVER TALPONA AT CANACONA, GOA	29	0.4	7.9	7.13	59.0	BDL	BDL	BDL	490	330	49	1.27	BDL	22.0	8.4	4.0	1.12	BDL	
11	RIVER ASSONORA	30	0	7.4	6.21	71.41	2.0	0.15	BDL	490	330	79	7.78	BDL	24.0	10.7	6.0	2.24	BDL	
12	SALAU LIM LAKE AT SALAU LIM	29	-	8.0	7.23	39.12	BDL	BDL	BDL	49	23	4.5	1.13	BDL	34.0	3.99	4.0	1.12	BDL	
13	INLET STP TONCA	28	-	-	6.69	-	267	-	-	240x10 ⁴	130x10 ⁴	240x10 ³	-	-	-	-	660.0	-	13.06	
14	OUTLET STP TONCA	28	-	-	6.95	-	3.8	-	-	<1.8	NIL	<1.8	-	-	-	-	10.0	-	BDL	
15	AGRI.CANAL UP STREAM OF CUNCOLIM IDC	DRY																		
16	AGRI.CANAL DOWNSTREAM OF CUNCOLIM IDC	29	-	7.0	7.46	105.7	BDL	0.91	BDL	2200	1400	240	2.47	BDL	32.0	21.00	BDL	2.8	BDL	
17	CREEK AT DANDO MOLLO, VELSÃO	29	-	5.5	7.55	9000.0	BDL	0.8	0.981	1700	1400	460	6.55	BDL	50.0	2944.9	-	2.8	0.2	
18	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	28	0.1	6.8	7.3	12370.0	BDL	BDL	BDL	2200	1700	330	5.00	BDL	44.0	4748.5	-	2.8	0.09	
19	MAYEM LAKE	28	-	5.9	6.15	39.67	BDL	BDL	BDL	2700	2200	220	2.08	BDL	24.0	7.0	6.0	3.9	BDL	
20	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	30	0.4	8.1	7.09	61.52	BDL	BDL	BDL	1300	790	280	2.14	BDL	28.0	7.50	4.0	2.20	BDL	
21	RIVER SAL PAZORCONI	28	0.2	6.8	7.15	73.21	BDL	0.22	BDL	3300	2700	940	5.99	BDL	20.0	6.50	BDL	2.8	BDL	
22	RIVER KUSHAWATI NEAR BUND AT KEVONA	28	0	7.7	7.06	62.61	BDL	BDL	BDL	1400	1100	120	0.81	BDL	34.0	4.99	4.0	1.12	BDL	
23	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	27	0.2	6.2	7.40	49360.0	BDL	BDL	BDL	2800	2200	220	1.49	18.0	82.0	18819.0	-	1.12	BDL	
24	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	29	0.2	4.6	6.28	258.0	BDL	0.3	0.081	3300	1700	330	6.55	BDL	36.0	38.5	10.0	3.90	0.21	
25	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	28	0.2	7.9	6.83	96.06	BDL	0.1	0.005	2700	1700	310	6.60	BDL	24.0	13.9	4.0	0.56	BDL	
26	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	28	1.1	7.0	6.83	80.24	BDL	BDL	BDL	4900	3300	490	6.21	BDL	26.0	6.0	8.5	2.2	0.07	
27	ANJUNEM LAKE	30	-	5.4	6.28	43.59	BDL	0.10	BDL	110	70	23	6.30	BDL	22.0	6.0	6.0	1.12	BDL	
28	RUMDER LAKE	28	-	4.2	6.72	122.90	BDL	0.22	0.02	2300	1300	790	2.81	BDL	28.0	16.99	10.0	1.68	0.06	
29	CARAMBOLIM LAKE	29	-	7.5	7.85	130.8	BDL	BDL	BDL	1700	1100	230	6.94	BDL	48.0	15.0	6.0	1.70	BDL	
30	RAIA LAKE	30	-	3.8	6.91	103.2	2.6	BDL	BDL	2700	2200	220	2.28	BDL	36.0	9.99	12.0	2.80	BDL	
31	SAIPEM LAKE	28	-	1.2	7.01	289.1	4.0	0.22	0.006	4900	3300	790	6.16	BDL	82.0	32.0	12.0	2.80	1.77	
32	CURTORIM LAKE	29	-	1.6	6.79	98.2	BDL	BDL	BDL	1300	790	220	2.34	BDL	42.0	9.49	12.0	2.24	BDL	
33	RIVER ZUARI AT BORIM BRIDGE	29	0.1	5.1	7.15	18350.0	BDL	0.1	0.006	3900	3300	490	14.95	BDL	74.0	7498.0	-	1.7	0.20	
34	RIVER ZUARI AT MADKAI JETTY	28	0	5.4	7.8	32250.0	BDL	BDL	0.012	2200	1700	330	30.1	8.0	76.0	14934.0	-	1.12	BDL	
35	RIVER SAL AT KHAREBAND, MARGAO	28	0	BDL	6.70	255.40	6.0	0.24	0.011	7000	4900	1100	10.6	BDL	54.0	44.0	16.0	BDL	2.36	
36	RIVER SAL AT ORLIM BRIDGE	28	0	3.8	7.07	16980.0	BDL	0.1	0.008	2200	1400	280	2.39	BDL	66.0	6071.0	-	1.7	0.05	
37	RIVER MANDОВI AT AMONA BRIDGE	28	0.2	7.3	7.17	3000.0	BDL	BDL	BDL	1200	940	170	4.99	BDL	34.0	2249.00	-	2.8	0.08	
38	RIVER MANDОВI AT IFFI JETTY	28	-	6.4	7.15	24010.0	BDL	BDL	BDL	220	140	33	6.3	BDL	68.0	13453.30	-	1.7	0.10	
39	RIVER MANDОВI NEAR HOTEL MARRIOT	28	-	6.0	7.13	36690.0	BDL	BDL	0.005	210	120	46	4.29	6.0	76.0	15410.10	-	1.7	0.18	
40	RIVER TIRACOL AT TIRACOL	28	0.3	6.2	7.72	29410.0	BDL	BDL	BDL	1400	1100	70	3.83	BDL	80.0	11746.4	-	1.12	BDL	
41	RIVER CHAPORA AT SIOLIM BRIDGE	29	0.2	5.7	7.92	32580.0	2.1	BDL	BDL	2200	1400	280	4.18	6.0	86.0	12371.2	-	1.68	0.09	
42	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	29	0.3	5.0	7.04	42680.0	BDL	BDL	0.005	1400	1100	220	6.02	6.0	88.0	17848.0	-	2.8	BDL	
43	RIVER SINQUERIM NEAR NERUL TEMPLE	29	0.1	5.4	7.04	43780.0	BDL	0.16	0.005	1100	700	130	5.17	8.0	84.0	17727.0	-	2.24	0.05	
44	TIRACOL BEACH	29	-	6.7	8.11	49750.0	BDL	BDL	BDL	170	110	70	3.58	10.0	96.0	17744.5	-	2.24	0.14	
45	MIRAMAR BEACH	29	-	6.2	7.1	47430.0	BDL	BDL	0.005	140	110	70	5.78	8.0	84.0	18819.00	-	1.68	0.15	
46	CALANGUTE BEACH	29	-	6.4	7.6	49270.0	BDL	0.2	BDL	280	170	49	2.10	12.0	92.0	18819.0	-	1.68	BDL	
47	MORJIM BEACH	29	-	6.1	8.15	48420.0	BDL	BDL	BDL	220	130	49	2.36	14.0	92.0	17994.4	-	1.68	0.08	
48	MOBOR BEACH	29	-	6.1	7.04	49220.0	BDL	BDL	BDL	350	240	79	1.53	16.0	84.0	18698.0	-	1.68	BDL	
49	BAINA BEACH	30	-	7.0	8.40	46290.0	BDL	0.85	0.855	280	220	94	4.16	BDL	96.0	17719.5	-	3.9	0.30	
50	GALGIBAG BEACH	29	-	7.1	7.04	48420.0	BDL	BDL	BDL	280	220	79	1.37	14.0	78.0	17994.4	-	1.68	BDL	
51	COLVA BEACH	30	-	6.3	7.22	48400.0	BDL	0.1	0.006	350	240	110	4.82	8.0	86.0	17969.00	-	2.8	BDL	
52	VAGATOR BEACH	29	-	6.4	7.04	49440.0	2.0	0.15	BDL	170	130	70	1.57	14.0	88.0	18698.0	-	1.12	BDL	
53	VELSAO BEACH	29	-	7.2	8.48	46230.0	BDL	0.35	0.053	170	110	120	2.66	8.0	86.0	17969.0	-	5.6	0.07	
54	HARWALE WATER FALL	31	-	8.4	7.08	70.36	BDL	0.20	BDL	4600	2300	790	10.51	BDL	36.0	7.0	4.0	2.24	BDL	
55	SALMONA SPRING	28	-	7.5	6.54	87.27	BDL	BDL	BDL	540	240	220	2.68	BDL	12.0	18.0	BDL	BDL	BDL	
56	CHAPOLI DAM	29	-	8.8	7.59	60.26	BDL	BDL	BDL	350	240	49	1.31	BDL	22.0	8.4	4.0	2.24	BDL	

Please note : BDL-Below Detection Limit

NWMP DATA FOR THE MONTH OF NOVEMBER 2021

Sr. No	Name of Monitoring Location	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Sodium (Na) (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Boron (mg/l)	Potassium (k) (mg/l)	Flouride (mg/l)	O&G (mg/l)	MLSS (mg/l)	Residual Chlorine (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	1600.0	400.8	145.8	4124.6	1850.2	15101.0	12500.0	41.0	0.073	1.32	233.7	BDL	-	-	-
2	RIVER ZUARI AT CORTALIM	4800.0	641.3	777.6	3232.8	6828.00	21088.0	15816.0	12.0	0.05	0.29	446.0	1.07	-	-	-
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	4200	481.0	729.0	4472.3	3521.4	21998.0	13540.0	40.0	0.055	1.92	224.1	0.21	-	-	-
4	RIVER ZUARI AT PANCHAWADI	280.0	20.04	55.9	66.0	431.8	1597.0	1293.0	18.0	0.1	0.26	44.1	BDL	-	-	-
5	RIVER MANDOVI AT TONCA- MARCELA	420.0	42.48	76.30	120.00	822.40	3086.0	2685.0	17.0	0.07	0.49	80.5	BDL	-	-	-
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	26.0	8.00	BDL	BDL	28.2	54.0	36.0	12.0	BDL	BDL	12	BDL	-	-	-
7	RIVER VALVANTI	28.0	6.41	2.9	BDL	29.5	34.0	26.0	16.0	BDL	BDL	13.2	BDL	-	-	-
8	RIVER MADAI AT DABOS - VALPOL, GOA	32.0	7.21	3.40	BDL	29.8	50.0	34.0	20.0	BDL	BDL	13.5	BDL	-	-	-
9	RIVER KHANDEPAR AT OPA	14.0	4.8	BDL	BDL	18.1	37.0	32.0	3.0	0.05	BDL	16.6	0.2	-	-	-
10	RIVER TALPONA AT CANACONA, GOA	22.0	4.81	2.43	BDL	29.1	40	30.0	12.0	BDL	BDL	13.1	BDL	-	-	-
11	RIVER ASSONORA	26.0	5.6	2.92	BDL	28.6	43.0	33.0	17.0	BDL	BDL	12.5	BDL	-	-	-
12	SALAU LIM LAKE AT SALAU LIM	10.0	3.21	BDL	BDL	30.6	24.0	14.0	10.0	0.03	BDL	14.4	BDL	-	-	-
13	INLET STP TONCA	-	-	-	-	-	-	-	515.0	5.31	-	-	-	-	515.0	-
14	OUTLET STP TONCA	-	-	-	-	-	-	-	5.0	0.09	-	-	-	<10.0	-	BDL
15	AGRI.CANAL UP STREAM OF CUNCOLIM IDC	DRY														
16	AGRI.CANAL DOWNSTREAM OF CUNCOLIM IDC	40.0	10.4	3.40	BDL	25.1	66.0	40.0	6.0	BDL	BDL	6.1	BDL	-	-	-
17	CREEK AT DANDO MOLLO, VELSAO	592.0	114.6	74.4	48.96	1637.0	558.0	4017.0	10.0	0.22	0.240	125.0	0.63	-	-	-
18	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	1480.0	96.2	301.3	132.0	2055	7422.0	7226.0	39.0	0.07	0.68	187.5	0.18	-	-	-
19	MAYEM LAKE	18.0	4.01	BDL	BDL	29.30	27.0	19.0	10.0	BDL	BDL	13.80	BDL	-	-	-
20	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	14	4.81	BDL	BDL	17.9	36.0	32.0	3.0	BDL	BDL	16.6	BDL	-	-	-
21	RIVER SAL PAZORCONI	24.0	4.8	2.9	BDL	26	45.0	28.0	7.0	0.02	BDL	6.7	BDL	-	-	-
22	RIVER KUSHAWATI NEAR BUND AT KEVONA	20.0	4.8	BDL	2.27	37.7	38.0	23.0	12.0	BDL	BDL	7.9	BDL	-	-	-
23	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	6000.0	481.0	1166.0	2976.0	29624.0	34552.0	20731.0	78.0	0.08	2.30	1141.0	2.95	-	-	-
24	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	60.0	14.40	5.80	31.20	36.80	164.0	106.0	33.0	0.04	0.40	2.8	BDL	-	-	-
25	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	30.0	6.4	3.4	BDL	27.9	56.0	33.0	12.0	0.06	BDL	11.5	BDL	-	-	-
26	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	24.0	6.41	BDL	BDL	28.50	48.0	28.0	10.0	0.02	BDL	11.7	BDL	-	-	-
27	ANJUNEM LAKE	20.0	4.01	2.43	BDL	29.9	30.0	20.0	11.0	BDL	1.8	13.7	BDL	-	-	-
28	RUMDER LAKE	30.0	8.02	2.4	11.16	29.5	76.0	45.0	20.0	0.03	0.22	4.8	0.12	-	-	-
29	CARAMBOLIM LAKE	38.0	12.83	BDL	8.3	2055.0	79.0	67.0	11.0	0.07	BDL	187.5	BDL	-	-	-
30	RAIA LAKE	30.0	7.21	2.92	4.87	28.0	62.0	38.0	18.0	0.07	BDL	9.6	BDL	-	-	-
31	SAIPEM LAKE	66.0	22.0	3.0	7.0	60.5	185.0	70.0	51.0	0.34	0.2	11.8	BDL	-	-	-
32	CURTORIM LAKE	24.0	6.4	BDL	3.63	27.9	61.0	39.0	26.0	0.07	BDL	7.7	BDL	-	-	-
33	RIVER ZUARI AT BORIM BRIDGE	2200.0	112.2	466.6	275.80	2988.0	10827.0	9725.0	66.0	0.2	1.0	262.1	1.32	-	-	-
34	RIVER ZUARI AT MADKAI JETTY	4200.0	320.0	826.0	1933	19652	22575.0	13540.0	63.0	0.11	BDL	953.0	1.01	-	-	-
35	RIVER SAL AT KHAREBAND, MARGAO	50.0	14.0	4.0	17.0	72.9	163.0	65.0	80.0	0.30	BDL	8.4	BDL	-	-	-
36	RIVER SAL AT ORLIM BRIDGE	1560	128.0	301.0	866.00	9421.0	11546.0	6927.0	57.0	0.03	1.52	491.00	2.05	-	-	-
37	RIVER MANDOVI AT AMONA BRIDGE	320.0	24.85	62.7	96.0	467.7	1800.0	1599.0	11.0	0.050	0.26	49.3	BDL	-	-	-
38	RIVER MANDOVI AT IFFI JETTY	2200.0	481.0	243.00	2398.00	3485.0	13560.00	9994.0	36.0	0.034	1.81	265	0.31	-	-	-
39	RIVER MANDOVI NEAR HOTEL MARRIOT	4200.0	561.1	680.4	1990.3	3205.1	20950.0	12500.0	43.0	0.084	1.01	255.7	0.24	-	-	-
40	RIVER TIRACOL AT TIRACOL	3800.0	400.8	680.4	1153.2	7476.0	17379.0	10283.0	32.0	0.02	1.57	406.1	0.6	-	-	-
41	RIVER CHAPORA AT SIOLIM BRIDGE	4200.0	481.0	729.0	1218.9	8586.00	19378.0	11480.0	34.0	0.03	1.32	448.4	0.97	-	-	-
42	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	4800.00	321.0	972.0	3109.0	23033.0	29876.0	17920.0	73.0	0.06	3.64	935.0	2.6	-	-	-
43	RIVER SINQUERIM NEAR NERUL TEMPLE	4800.0	561.0	826.0	2660.0	22912.0	30208.0	18125.0	72.0	0.03	3.9	954.0	2.5	-	-	-
44	TIRACOL BEACH	5200.00	801.6	777.6	2240.6	14130.0	29179.0	17051.0	39.0	0.06	1.75	658.4	0.91	-	-	-
45	MIRAMAR BEACH	5400.0	641.0	923.0	2813.00	18886.00	33201.0	19821.0	54.0	0.03	0.35	925	0.84	-	-	-
46	CALANGUTE BEACH	5600.0	321.0	1166.0	3102.0	27896.0	34489.0	20693.0	85.0	0.04	4.60	1080	2.89	-	-	-
47	MORJIM BEACH	4000.0	721.44	534.6	1834.3	14373.0	28381.0	17221.0	54.0	0.05	1.72	672.2	0.87	-	-	-
48	MOBOR BEACH	5800.0	561.0	1069.0	2906.0	26892.0	34454.0	20672.0	54.0	0.02	4.98	1058.0	2.61	-	-	-
49	BAINA BEACH	6600.0	881.8	1069.2	734.40	10500.00	31280.0	23772.0	7.0	0.27	0.50	615.2	1.41	-	-	-
50	GALGIBAG BEACH	5800.0	2200.0	874.7	4325.90	14277.0	28393.0	17417.0	55.0	0.04	1.82	663.9	0.93	-	-	-
51	COLVA BEACH	6400.0	881.8	1020.60	1339.2	10158.0	30720.0	21811.0	9.0	0.03	0.52	614.6	1.42	-	-	-
52	VAGATOR BEACH	5600.0	481.0	1069.0	3112.0	27404.0	34608.0	20765.0	64.0	0.02	4.82	1074	2.8	-	-	-
53	VELSAO BEACH	8000.0	1122.2	1263.6	1036.8	10300.00	29124.0	22134.0	5.0	0.07	0.55	620.6	1.37	-	-	-
54	HARWALE WATER FALL	30.0	7.2	2.9	BDL	29.7	46.0	33.0	17.0	BDL	BDL	13.0	BDL	-	-	-
55	SALMONA SPRING	8.0	3.0	BDL	2	33.5	55.0	22.0	47.0	BDL	BDL	2.6	BDL	-	-	-
56	CHAPOLI DAM	22.0	6.41	BDL	BDL	29.3	37.0	28.0	10.0	BDL	BDL	13.1	BDL	-	-	-

Please note : BDL-Below Detection Limit