

NWMP DATA FOR THE MONTH OF JULY 2020

Sr.No	Name Of Monitoring Location	Temp (°C)	DO (mg/l)	pH	Cond (µs/cm)	BOD (mg/l)	Nitrate-N (mg/l)	Nitrite-N (mg/l)	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Turbidity (NTU)	Phenolphthalein Alkalinity(mg/l)	Total Alkalinity (mg/l)	Chlorides (mg/l)	COD (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	29	6.8	7.02	312.2	BDL	1.04	BDL	84	280	64	2.94	BDL	32.0	734.0	6.0
2	RIVER ZUARI AT CORTALIM	29	5.5	7.10	975.7	BDL	0.32	0.024	3300	4900	>1601	77.7	BDL	34.0	194.0	14.0
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	29	6.9	6.98	1278.0	BDL	0.99	0.10	94	280	49	3.17	BDL	36.0	1101.0	6.0
4	RIVER ZUARI AT PANCHAWADI	28	6.6	6.36	141.9	BDL	0.810	BDL	450	780	171	21.3	BDL	30.0	25.44	8.0
5	RIVER MANDOVI AT TONCA- MARCELA	28	6.5	6.57	31.2	BDL	0.211	0.0088	930	1400	>1601	44.8	BDL	30.0	18.10	14.0
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	28	8	6.71	68.14	BDL	0.21	BDL	1700	3300	351	1.82	BDL	40.0	6.0	4.0
7	RIVER VALVANTI	28	7.6	6.14	56.87	BDL	BDL	BDL	1300	3300	351	2.55	BDL	24.0	6.0	6.0
8	RIVER MADAI AT DABOS - VALPOI, GOA	28	7.4	6.56	69.65	BDL	BDL	BDL	1700	2700	171	2.93	BDL	28.0	6.5	4.0
9	RIVER KHANDEPAR AT OPA	28	7.3	6.31	12.73	BDL	0.37	BDL	330	790	541	18.09	BDL	24.0	3.91	4.0
10	RIVER TALPONA AT CANACONA, GOA	28	7.1	6.41	58.67	BDL	BDL	BDL	2300	4600	171	5.26	BDL	32.0	5.0	4.0
11	RIVER ASSONORA	28	6.5	6.34	62.34	BDL	BDL	BDL	330	490	39	3.74	BDL	24.0	7.0	6.0
12	SALAU LIM LAKE AT SALAU LIM	28	7.8	6.47	21.30	BDL	BDL	BDL	49	130	351	1.72	BDL	28.0	9.0	4.0
13	INLET STP TONCA	28	-	6.79	-	260.0	-	-	-	-	-	-	-	-	-	500.0
14	AGRI.CANAL UP STREAM OF CUNCOLIM IDC	28	5.6	6.39	269.55	BDL	0.14	0.011	330	490	541	4.55	BDL	34.0	18.70	7.0
15	AGRI.CANAL DOWNSTREAM OF CUNCOLIM IDC	28	5.7	6.31	276.55	BDL	0.12	0.013	700	1400	241	4.27	BDL	32.0	19.2	6.0
16	CREEK AT DANDO MOLLO, VELSAO	29	5.1	7.10	964.5	BDL	1.17	0.034	930	2000	>1601	14.92	BDL	68.0	243	12.0
17	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	28	5.0	5.55	107.6	BDL	0.211	BDL	2200	2700	111	2.92	BDL	40.0	89.04	6.0
18	MAYEM LAKE	28	6.7	6.55	48.29	BDL	BDL	BDL	2300	4900	921	2.81	BDL	24.0	9.0	6.0
19	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	28	7.0	6.1	12.51	BDL	0.226	BDL	170	260	351	12.09	BDL	26.0	3.42	4.0
20	RIVER SAL PAZORCONI	28	5.9	6.58	80.2	BDL	BDL	0.021	1300	2100	71	5.16	BDL	28.0	10.80	10.0
21	RIVER KUSHAWATI NEAR BUND AT KEVONA	28	8	6.30	15.75	BDL	BDL	BDL	1700	2700	351	18.89	BDL	26.0	5.0	6.0
22	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	29	6.5	7.8	3890.0	BDL	0.15	0.02	2700	3400	351	38.1	4.0	144.0	13245.0	-
23	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	29	4.3	6.79	163.73	BDL	0.73	BDL	4900	7900	541	11.91	BDL	44.0	21.0	8.0
24	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	28	7.2	6.53	66.2	BDL	0.18	0.007	2200	2700	71	5.1	BDL	40.0	6.0	4.0
25	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	28	7.0	6.07	78.82	BDL	0.22	0.008	4900	7900	211	10.24	BDL	22.0	18.0	8.0
26	ANJUNEM LAKE	28	6.0	6.58	49.08	BDL	0.28	0.007	13	33	351	3.39	BDL	18.0	7.0	8.0
27	RUMDER LAKE	28	4.2	6.28	104.84	BDL	0.12	0.02	1500	2100	18	10.66	BDL	34.0	13.0	6.0
28	CARAMBOLIM LAKE	28	5.5	6.69	34.10	BDL	0.483	0.0293	1300	2300	541	7.03	BDL	30.0	10.76	8.0
29	RAIA LAKE	29	6.2	6.24	28.12	BDL	0.28	BDL	2300	3300	10.2	2.6	BDL	30.0	10.0	6.0
30	SAIPEM LAKE	29	4.2	7.0	300.76	BDL	0.98	0.18	7000	11000	>1601	14.37	BDL	40.0	26.0	4.0
31	CURTORIM LAKE	29	6.9	6.14	16.71	3.5	1.02	0.05	2200	3200	541	32.3	BDL	22.0	6.0	8.0
32	RIVER ZUARI AT BORIM BRIDGE	28	6.3	6.32	295.01	BDL	0.498	0.0194	450	920	>1601	44.00	BDL	26.0	49.90	12.0
33	RIVER ZUARI AT MADKAI JETTY	29	6.2	6.50	244.04	BDL	0.48	0.0497	1300	1700	>1601	12.78	BDL	30.0	64.58	10.0
34	RIVER SAL AT KHAREBAND, MARGAO	29	4.7	6.8	115.12	BDL	0.47	0.06	7000	9400	48	7.87	BDL	92.0	16.5	4.0
35	RIVER SAL AT ORLIM BRIDGE	29	4.5	6.93	324.76	BDL	0.35	0.04	1300	2200	64	8.93	BDL	92.0	60.0	6.0
36	RIVER MANDOVI AT AMONA BRIDGE	28	6.5	6.6	27.1	BDL	0.211	0.0091	940	1400	95	50.0	BDL	24.0	15.17	16.0
37	RIVER MANDOVI AT IFFI JETTY	29	7.0	7.1	8123.0	BDL	0.10	0.009	94	220	281	7.81	BDL	60.0	12934.8	-
38	RIVER MANDOVI NEAR HOTEL MARRIOT	29	7.4	7.16	10330.0	BDL	0.09	0.007	91	210	50	12.69	BDL	66.0	12811.6	-
39	RIVER TIRACOL AT TIRACOL	28	6.6	6.64	607.35	BDL	0.13	0.059	230	490	13	30.9	BDL	34.0	153.30	10.0
40	RIVER CHAPORA AT SIOLIM BRIDGE	28	6.6	6.72	329.11	BDL	0.43	0.006	1300	2300	95	16.80	BDL	32.0	69.0	7.0
41	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	29	7.2	7.6	11110.0	BDL	0.39	0.01	1300	2300	281	13.8	BDL	44.0	8451.0	-
42	RIVER SINQUERIM NEAR NERUL TEMPLE	29	7.1	7.6	13010.0	BDL	0.40	0.01	2700	3400	131	14.17	BDL	48.0	3643.0	-
43	TIRACOL BEACH	29	7.0	7.88	25790.0	BDL	0.19	0.008	79	240	>1601	45.0	BDL	70.0	18847.9	-
44	MIRAMAR BEACH	28	6.9	7.38	4323.0	BDL	0.08	0.005	79	170	49	27.5	BDL	56.0	15521.8	-
45	CALANGUTE BEACH	29	7.1	7.8	34870.0	BDL	0.26	0.019	63	140	431	13.54	8.0	76.0	11110.0	-
46	MORJIM BEACH	29	6.5	7.9	43500.0	BDL	0.21	0.009	33	79	47	65	BDL	100.0	19340.6	-
47	MOBOR BEACH	29	6.7	7.7	42200.0	2.3	0.34	0.03	84	150	131	43.4	10	102.0	13846.0	-
48	BAINA BEACH	Sampling is not done as the location was inaccessible due to lockdown														
49	GALGIBAO BEACH	29	6.3	6.71	43120.0	BDL	0.11	0.01	70	220	431	54.7	10.0	94.0	15495.0	-
50	COLVA BEACH	28	6.9	7.70	34350.0	BDL	0.1	0.016	240	350	23	4.16	6.0	90.0	15768.2	-
51	VAGATOR BEACH	29	7.1	7.8	33260.0	BDL	0.34	0.01	130	280	281	34.4	12.0	68.0	10745.0	-
52	VELSAO BEACH	29	6.7	7.7	33190.0	BDL	0.94	0.053	240	540	7.8	6.55	4.0	84.0	10345.0	-
53	HARWALE WATER FALL	27	7.5	6.78	77.73	2.3	0.44	0.007	2200	4900	351	3.45	BDL	20.0	9.0	10.0
54	SALMONA SPRING	29	7.3	6.5	99.2	BDL	2.77	BDL	220	280	541	BDL	BDL	10.0	15.0	6.0
55	CHAPOLI DAM	28	6.7	6.53	77.18	BDL	BDL	BDL	220	540	50	2.77	BDL	32.0	7.0	6.0

BDL - BELOW DETECTION LIMIT

NWMP DATA FOR THE MONTH OF JULY 2020

Sr.No	Name Of Monitoring Location	Ammonia-N (mg/l)	Total Hardness (mg/l)	Calcium (mg/l)	Magnesium (mg/l)	Sulphate (mg/l)	Total Dissolved Solids (mg/l)	Total Fixed Solids (mg/l)	Total Suspended Solids (mg/l)	Phosphate (mg/l)	Flouride (mg/l)	Residual Chlorine (mg/l)	MLSS (mg/l)	MLVSS (mg/l)
1	RIVER MANDOVI AT RIBANDER-CHODNA FERRY	BDL	100.0	6.0	21.0	86.0	189.0	86.0	29.0	0.08	0.08	-	-	-
2	RIVER ZUARI AT CORTALIM	0.11	80.0	10.0	13.0	39.0	682.0	408.0	47.0	0.06	0.44	-	-	-
3	RIVER MANDOVI UNDER MANDOVI BRIDGE	BDL	200.0	13.0	41.0	22.0	769.0	312.0	33.0	0.07	0.28	-	-	-
4	RIVER ZUARI AT PANCHAWADI	BDL	30.0	12.0	4.37	7.59	85.2	56.0	18.0	0.282	BDL	-	-	-
5	RIVER MANDOVI AT TONCA- MARCELA	BDL	30.0	10.0	4.86	16.04	18.7	12.0	14.0	0.211	BDL	-	-	-
6	RIVER KALNA AT CHANDEL- PERNEM, GOA	BDL	36.0	4.0	6.0	5.0	40.0	19.0	26.0	0.19	0.15	-	-	-
7	RIVER VALVANTI	0.05	12.0	BDL	BDL	3.2	34.0	31.0	5.0	BDL	BDL	-	-	-
8	RIVER MADAI AT DABOS - VALPOL, GOA	0.09	20.0	4.81	BDL	3.0	42.0	38.0	6.0	0.02	BDL	-	-	-
9	RIVER KHANDEPAR AT OPA	BDL	20.0	10.0	2.43	2.33	10.6	7.0	6.0	0.034	BDL	-	-	-
10	RIVER TALPONA AT CANACONA, GOA	BDL	14.0	2.4	BDL	BDL	35.0	19.0	7.0	0.02	BDL	-	-	-
11	RIVER ASSONORA	0.05	18.0	4.01	BDL	4.0	37.0	33.0	5.0	0.03	BDL	-	-	-
12	SALAU LIM LAKE AT SALAU LIM	0.06	20.0	3.0	3.0	4.0	13.0	6.0	29.0	0.02	BDL	-	-	-
13	INLET STP TONCA	0.17	-	-	-	-	-	-	138.0	0.63	-	0.35	138.0	93.0
14	AGRI CANAL UP STREAM OF CUNCOLIM IDC	0.17	52.0	12.0	5.3	56.4	172.0	101.0	32.0	0.13	1.1	-	-	-
15	AGRI CANAL DOWNSTREAM OF CUNCOLIM IDC	0.10	70.0	8.8	11.7	59	180.0	110.0	36.0	0.13	1.3	-	-	-
16	CREEK AT DANDO MOLLO, VELSAO	BDL	162.0	35.0	18.0	39	675.0	400.0	32.0	0.29	0.39	-	-	-
17	CUMBARJUA CANAL CORLIM(DISCHARGE POINT OF SYNGENTA)	BDL	50.0	16.0	8.26	9.35	64.2	42.0	23.0	0.144	BDL	-	-	-
18	MAYEM LAKE	0.05	10.0	3.2	BDL	2.0	28.0	14.0	11.0	BDL	BDL	-	-	-
19	RIVER KHANDEPAR AT CODLI NEAR BRIDGE , U/S OPA WATER WORKS	BDL	20.0	10.00	2.43	4.04	10.5	5.0	6.0	0.023	BDL	-	-	-
20	RIVER SAL PAZORCONI	0.10	40.0	6.4	5.8	16.4	51.0	23.0	12.0	0.08	1.1	-	-	-
21	RIVER KUSHAWATI NEAR BUND AT KEVONA	BDL	24.0	4.0	3.0	6.00	10.0	5.0	34.0	0.82	0.20	-	-	-
22	RIVER SAL NEAR HOTEL LEELA MOBOR, CAVELOSSIM	0.11	3880.0	240.5	797.0	741.00	22949.0	21717.0	178.0	0.30	0.30	-	-	-
23	RIVER MAPUSA ON CULVERT ON HIGHWAY MAPUSA-PANAJI	0.05	42.0	9.0	5.0	11.00	100.0	59.0	51.0	0.27	0.29	-	-	-
24	RIVER CHAPORA NEAR ALORNA FORT , PERNEM	BDL	36.0	6.0	5.0	2.0	38.0	21.0	46.0	BDL	0.10	-	-	-
25	RIVER BICHOLIM BARAZAN NAGAR , BICHOLIM	BDL	14.0	4.0	BDL	3.94	47.0	23.0	14.0	0.04	BDL	-	-	-
26	ANJUNEM LAKE	0.15	8.0	2.4	BDL	3.6	30.0	25.0	5.0	0.17	BDL	-	-	-
27	RUMDER LAKE	0.05	22.0	5.6	BDL	8.33	64.0	32.0	10.0	0.27	BDL	-	-	-
28	CARAMBOLIM LAKE	0.06	30	26.0	BDL	6.67	20.46	10.0	14.0	0.05	BDL	-	-	-
29	RAIA LAKE	0.05	36.0	3.0	7.0	8.00	18.0	9.0	36.0	0.04	0.34	-	-	-
30	SAIPEM LAKE	0.38	74.0	21.64	BDL	44.4	178.0	171.0	41.0	0.26	BDL	-	-	-
31	CURTORIM LAKE	BDL	16.0	3.0	2.0	11.0	12.0	5.0	78.0	0.44	0.29	-	-	-
32	RIVER ZUARI AT BORIM BRIDGE	BDL	40.0	16.0	5.83	18.92	177.0	122.0	24.0	0.047	BDL	-	-	-
33	RIVER ZUARI AT MADKAI JETTY	BDL	40.0	10	7.29	7.99	146.4	111.0	19.0	0.108	BDL	-	-	-
34	RIVER SAL AT KHAREBAND, MARGAO	0.09	24.0	6.41	BDL	21.25	71.0	64	10.0	0.13	BDL	-	-	-
35	RIVER SAL AT ORLIM BRIDGE	0.11	42.0	9.62	4.4	9.70	193.0	168.0	17.0	0.13	0.30	-	-	-
36	RIVER MANDOVI AT AMONA BRIDGE	BDL	30.0	14.0	3.89	16.83	16.2	9.0	12.0	0.075	BDL	-	-	-
37	RIVER MANDOVI AT IFFI JETTY	0.13	4500.0	1202.4	364.5	724.9	4956.0	3086.0	52.0	0.13	1.26	-	-	-
38	RIVER MANDOVI NEAR HOTEL MARRIOT	0.15	4500.0	601.2	729.0	560.9	6611.0	4156.0	68.0	0.09	1.32	-	-	-
39	RIVER TIRACOL AT TIRACOL	0.06	86.0	8.0	16.0	65.60	376.0	195.0	33.0	0.78	0.2	-	-	-
40	RIVER CHAPORA AT SIOLIM BRIDGE	0.06	40.0	4.0	7.3	22.9	207.0	129.0	15.0	0.35	0.28	-	-	-
41	RIVER SINQUERIM CANDOLIM NEAR BRIDGE	BDL	1080.0	80.0	214.0	622.0	7777.0	3110.0	53.0	0.12	0.82	-	-	-
42	RIVER SINQUERIM NEAR NERUL TEMPLE	BDL	1360.0	144.0	243.0	507.0	9107.0	3642.0	44.0	0.10	0.86	-	-	-
43	TIRACOL BEACH	0.05	9000.0	2404.8	729.0	5002.0	15732.0	10731.0	49.0	0.32	0.89	-	-	-
44	MIRAMAR BEACH	0.07	9000.0	2605.2	607.5	1502.2	2680.0	1469.0	58.0	0.04	BDL	-	-	-
45	CALANGUTE BEACH	0.06	3800.0	441.0	656.0	916.0	24409.0	9764.0	53.0	0.15	1.17	-	-	-
46	MORJIM BEACH	0.11	20500.0	1603.2	4009.5	5338.2	26100.0	17086.0	54.0	0.18	BDL	-	-	-
47	MOBOR BEACH	0.21	4660.0	248.5	981.7	776.4	24908.0	23906.0	187.0	0.62	0.30	-	-	-
48	BAINA BEACH	Sampling is not done as the location was inaccessible due to lockdown												
49	GALGIBAG BEACH	0.10	5200.0	401.0	1020.6	1968.0	24669.0	11031.0	98.0	0.18	0.28	-	-	-
50	COLVA BEACH	0.20	25500.0	1402.8	5346.0	2840.5	21640.0	14285.0	47.0	0.08	BDL	-	-	-
51	VAGATOR BEACH	BDL	3400.0	321	632.0	979.0	23282.0	9310.0	49.0	0.17	1.11	-	-	-
52	VELSAO BEACH	0.47	4200.0	321	826	1149.0	23233.0	13940.0	52.0	0.52	1.35	-	-	-
53	HARWALE WATER FALL	0.14	12.0	3.21	BDL	6.2	46.0	40.0	53.0	0.11	BDL	-	-	-
54	SALMONA SPRING	BDL	12.0	2.00	BDL	BDL	63.0	22.0	13.0	0.02	0.52	-	-	-
55	CHAPOLI DAM	BDL	20.0	4.8	BDL	BDL	46.0	24.0	5.0	BDL	BDL	-	-	-

BDL- BELOW DETECTION LIMIT

