

Budhabalanga, D/s of Baripada town

Month	Temp., 0C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate- N, mg/l	NH4-N, mg/l
Jan	22	8	7.8	2.5	17.3	234	0.256	0.784
Apr	30	8.1	7.8	0.8	10.8	309	0.024	1.183
July	26	7.9	6.8	1.9	10.8	214	0.12	0.5
Oct	30	8.1	7.2	2.2	8.8	196	0.48	0.4
Min	22	7.9	6.8	0.8	8.8	196	0.024	0.4
Max	30	8.1	7.8	2.5	17.3	309	0.48	1.183
Average	27	8.0	7.4	1.9	11.925	238.25	0.22	0.71675

Budhabalanga at Balasore D/s

Month	Temp., 0C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate- N, mg/l	NH4-N, mg/l
Jan	22	7.5	8	1.8	7.9	318	1.487	0.784
Apr	34	7.9	7.6	1.8	20.4	2560	0.488	1.392
July	26	7.6	6.6	2.4	12.6	280	0.24	0.5
Oct	30	7.8	6.6	1.8	7.6	181	0.52	1.8
Min	22	7.5	6.6	1.8	7.6	181	0.24	0.5
Max	34	7.9	8	2.4	20.4	2560	1.487	1.8
Average	28	7.7	7.2	2.0	12.125	834.75	0.68375	1.119

Balasore U/s

Month	Temp., 0C	pH	DO, mg/l	BOD, mg/l	COD, mg/l	Cond., μS/cm	Nitrate- N, mg/l	NH4-N, mg/l
Jan	23	8	8.2	1	6.3	257	0.296	0.672
Apr	30	8.1	7.1	1.1	16.6	363	0.223	0.232
July	26	7.2	6.4	1.8	9	220	0.212	0.232
Oct	30	7.7	6.9	1.8	5.55	114.5	1.055	1.624
Min	23	7.2	6.4	1	5.55	114.5	0.212	0.232
Max	30	8.1	8.2	1.8	16.6	363	1.055	1.624
Average	27.25	7.8	7.2	1.3	9.3625	238.625	0.4465	0.69

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardnes s CaCO ₃ , mg/l
15000	6300				ND	106	2	92
1400	700	5.5	0.41	C	0.007	56	ND	124
3500	2100				0.05	76	0	84
4000	2700	5.2	0.43	C	0.46	76	0	58
1400	700	5.2	0.41	0	0.007	56	0	58
15000	6300	5.5	0.43	0	0.46	106	2	124
5975	2950	5.35	0.42	#DIV/0!	0.172333	78.5	0.666667	89.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardnes s CaCO ₃ , mg/l
2100	1400				ND	116	4	96
2200	1100	4.7	0.48	C	0.002	100	ND	312
2100	1400				0.05	52	0	76
4600	2300	4.75	0.4	C	0.05	76	0	62
2100	1100	4.7	0.4	0	0.002	52	0	62
4600	2300	4.75	0.48	0	0.05	116	4	312
2750	1550	4.725	0.44	#DIV/0!	0.034	86	1.333333	136.5

TC, MPN/ 100 ml	FC, MPN/ 100 ml	SI	DI	Class	Nitrite-N, mg/l	T. Alk., mg/l	P. Alk., mg/l	Hardnes s CaCO ₃ , mg/l
940	490				ND	98	4	80
1500	940	5.7	0.45	C	0.015	132	ND	96
1500	400				0.05	56	0	60
1400	790	5.6	0.52	C	0.05	68	0	48
940	400	5.6	0.45	0	0.015	56	0	48
1500	940	5.7	0.52	0	0.05	132	4	96
1335	655	5.65	0.485	#DIV/0!	0.0325	88.5	1.333333	71

Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l
48	44	12	23.3	ND	ND	11.96	23	130
62	62	55	22.83	ND	0.089	7.3	20	163
64	20	18	6.8	0.049	0.11	3.36	264	145
28	30	10	1	0.062	0.144	6.16	165	99
28	20	10	1	0.049	0.089	3.36	20	99
64	62	55	23.3	0.062	0.144	11.96	264	163
50.5	39	23.75	13.4825	0.0555	0.114333	7.195	118	134.25

Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l
48	48	28	22.5	ND	0.325	13.37	28	213
100	212	699	52.52	0.016	0.13	4.7	226	1857
52	24	33	18.6	0.112	0.129	3.36	476	195
48	14	10	1	0.02	0.76	5.6	78	107
48	14	10	1	0.016	0.129	3.36	28	107
100	212	699	52.52	0.112	0.76	13.37	476	1857
62	74.5	192.5	23.655	0.049333	0.336	6.7575	202	593

Ca as CaCO ₃ , mg/l	Mg as CaCO ₃ , mg/l	Chloride, mg/l	Sulphate, mg/l	PO ₄ ³⁻ -P, mg/l	Flouride, mg/l	Total Kjeldahl N, mg/l	TSS, mg/l	TDS, mg/l
44	36	20	20.6	ND	ND	11.96	47	161
72	24	74	38.94	0.018	0.113	4.5	18	192
36	24	16	13.27	0.086	0.126	2.24	321	152
20	28	9	5.2	0.048	0.114	19.04	62	78
20	24	9	5.2	0.018	0.113	2.24	18	78
72	36	74	38.94	0.086	0.126	19.04	321	192
43	28	29.75	19.5025	0.050667	0.117667	9.435	112	145.75

TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, mg/l	Copper, mg/l	Lead, mg/l	Chromium Total, mg/l
122	3.4	9.4	1	0.103	0.8	6	8	46
148	5.6	34.7	2.3	0.106	0.8	4.8	8.9	48
119	89	11.2	2.3	0.208	0.4	4.2	4.6	38
62	165	5.9	1.08	0.005	0.1	10	12.4	45
62	3.4	5.9	1	0.005	0.1	4.2	4.6	38
148	165	34.7	2.3	0.208	0.8	10	12.4	48
112.75	65.75	15.3	1.67	0.1055	0.525	6.25	8.475	44.25

TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, mg/l	Copper, mg/l	Lead, mg/l	Chromium Total, mg/l
199	12.1	21.1	4.1	0.027	0.8	6	12	56
13334	57.8	430.4	4.5	0.065	2.2	4.7	18.3	74
138	108	21.4	3.8	0.214	0.6	6.8	5.8	45
60	31	6.2	0.96	0.005	0.4	3.3	25	62
60	12.1	6.2	0.96	0.005	0.4	3.3	5.8	45
13334	108	430.4	4.5	0.214	2.2	6.8	25	74
3432.75	52.225	119.775	3.34	0.07775	1	5.2	15.275	59.25

TFS, mg/l	Turbidity, NTU	Na, mg/l	K, mg/l	B, mg/l	Cadmium, mg/l	Copper, mg/l	Lead, mg/l	Chromium Total, mg/l
145	7.4	11.6	11.4	0.079	0.6	5	6	38
178	2.6	46.1	33.7	0.051	1.8	5.9	9.3	62
126	92	9.8	2.6	0.192	0.6	6	5.2	42
36	140	5.47	0.93	0.005	0.4	16	13.3	54
36	2.6	5.47	0.93	0.005	0.4	5	5.2	38
178	92	46.1	33.7	0.192	1.8	16	13.3	62
121.25	34	18.2425	12.1575	0.08175	0.933333	8.225	8.45	49

Nickel, mg/l	Zinc, mg/l	Mercury, mg/l	Iron Total, mg/l
1	14	BDL	162
2.9	BDL	BDL	403.8
2.4	1	0.0005	260.4
2	96.3	0.04	126.9
1	1	0.0005	126.9
2.9	96.3	0.04	403.8
2.075	37.1	0.02025	238.275

Nickel, mg/l	Zinc, mg/l	Mercury, mg/l	Iron Total, mg/l
1	10	BDL	216
9.7	0.5	BDL	317.5
2.8	1	0.0005	256.8
3.6	97.5	0.04	931.3
1	0.5	0.0005	216
9.7	97.5	0.04	931.3
4.275	27.25	0.02025	430.4

Nickel, mg/l	Zinc, mg/l	Mercury, mg/l	Iron Total, mg/l
1	12	BDL	204
2.9	BDL	BDL	78.1
2.6	1.6	0.0005	112.9
3.7	95.6	0.0005	218.8
1	1.6	0.0005	78.1
3.7	95.6	0.0005	204
2.55	36.4	0.0005	131.6667