

Sampling Month	Temp (°C)	DO (mg/L)	pH	Conductivity (µS/cm)	BOD (mg/L)	NitrateN (mg/L)	Fecal Coliform (MPN/100ml)	Total Coliform (MPN/100ml)	Fecal Streptococci (MPN/100ml)	Turbidity (mg/L)	Total Alkalinity (mg/L)	Chlorides (mg/L)	COD (mg/L)	Total Kjeldahl Nitrogen (mg/L)	Ammonical-N (mg/L)	Total Hardness (mg/L)	Ca as CaCo3 (mg/L)	Mg as CaCo3 (mg/L)	Sulphate (mg/L)	Sodium (mg/L)	Total Dissolved Solids (mg/L)	Total Fixed Solids (mg/L)	Total Suspended Solids (mg/L)	Phosphate (mg/L)	Boron (mg/L)	Potassium (mg/L)	Fluoride (mg/L)	Arsenic (mg/L)	Cadmium (mg/L)	Copper (mg/L)	Lead (mg/L)	Chromium Total (mg/L)	Nickel (mg/L)	Zinc (mg/L)	Mercury (mg/L)	Iron (mg/L)		
MAGURI BEEL, GUIJAN, TINSUKIA																																						
Year: 2023																																						
Jan	23	9.7	7.1	152	2.3	1.8	620	1200	210	6	34	8	9.2	1.66	0.61	62	38	24	14.6	12.2	110	26	38	0.64	0.61	7.2	0.31	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Feb	23	8.1	7	156	2.5	1.4	360	1100	120	6	36	6	9.6	1.64	0.62	60	38	22	13.6	12	104	24	36	0.63	0.59	7	0.32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mar	23	8	7.1	154	2.6	1.1	300	1100	120	5	32	8	10.2	1.67	0.6	56	34	22	15.7	12.6	106	26	38	0.66	0.6	7.3	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Apr	23	6.9	6.9	168	2.4	0.5	300	910	150	4	38	8	11.8	1.65	0.61	62	38	24	16.1	13.2	110	28	32	0.67	0.61	7.8	0.28	0.00049(BDL)	0.00042(BDL)	0.034	0.00031(BDL)	0.00056(BDL)	0.00054(BDL)	0.064	NA	0.16		
May	23	7.4	7.1	148	2.1	0.6	360	910	120	5	40	8	12	1.67	0.6	42	28	14	15.8	12.6	94	22	30	0.65	0.59	7.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jun	27	5.8	7	142	1.9	0.7	360	730	120	5	42	8	12.4	1.67	0.6	40	28	12	13.8	12	90	20	36	0.65	0.6	6.8	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul	23	6.2	6.6	136	2.1	0.6	360	910	120	5	40	8	12	1.68	0.62	40	26	14	12	10.2	82	20	38	0.67	0.66	6.2	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aug	23	5.5	6.9	128	2.4	0.7	360	910	120	4	46	8	12.6	1.65	0.6	44	26	18	12.8	10.6	88	22	32	0.66	0.62	6.8	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sep	23	5.1	6.8	122	2.2	0.6	360	1500	150	5	40	8	12	1.64	0.64	38	22	16	13	10	84	20	30	0.67	0.59	6.4	0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oct	23	5.1	7	110	2.7	0.9	300	1200	120	6	32	8	13.2	1.67	0.62	30	20	10	13.8	10.6	76	18	34	0.68	0.62	6.9	0.27	0.01	0.02	0.03	0.1	0.06	0.1	0.074	0.001	0.2		
MAGURI BEEL NEAR BRIDGE,TINSUKIA																																						
Year: 2023																																						
Apr	23	5.7	8	136	2.4	0.9	360	1100	160	3	66	8	10.6	1.66	0.58	50	36	14	9.8	10.6	98	22	30	0.64	0.6	6.2	0.31	0.00049(BDL)	0.00042(BDL)	0.00035(BDL)	0.00031(BDL)	0.00056(BDL)	0.00054(BDL)	0.036	0.00052(BDL)	0.2		
May	23	6.1	7.2	162	2.6	0.7	360	910	120	6	42	8	12.6	1.67	0.62	58	42	16	15.4	13	112	26	28	0.66	0.6	8	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jun	26	6.1	7.2	146	1.8	0.7	300	610	95	5	42	8	12.5	1.68	0.62	44	30	14	14	11.2	92	22	34	0.72	0.65	6.5	0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Jul	22	6	7	140	1.9	0.8	360	730	150	5	40	8	12.3	1.69	0.6	46	32	14	11.3	11.2	86	20	42	0.67	0.6	6	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aug	23	5.3	6.7	124	2.2	0.7	360	910	95	4	36	8	11.6	1.67	0.58	40	26	14	11.8	10.8	82	20	38	0.65	0.62	6.6	0.27	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sep	23	5	6.9	120	2.4	0.6	360	1100	150	6	32	6	12.8	1.66	0.6	44	28	16	12	10.2	86	20	36	0.63	0.6	6.2	0.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oct	23	5	6.8	132	2.7	0.9	360	1400	150	5	38	8	13.6	1.62	0.58	48	34	14	12.8	10.7	94	24	32	0.65	0.61	6.7	0.27	0.01	0.02	0.04	0.1	0.06	0.1	0.068	0.001	0.21		