

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (μS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.07	0.09	0.50	0.24	180	7.55	8.30	28.83
0.50	0.13	0.16	0.46	0.23	185	7.39	8.30	28.83
1.00	0.17	0.18	0.43	0.23	189	7.25	8.30	28.60
1.50	0.10	0.23	0.41	0.25	200	7.06	8.25	28.60
2.00	0.12	0.22	0.32	0.26	207	5.86	7.98	28.27
2.50	0.13	0.23	0.27	0.27	215	4.85	7.85	28.13
3.00	0.23	0.22	0.27	0.27	225	4.46	7.53	28.10
3.50	0.27	0.23	0.27	0.28	240	3.87	7.37	28.10
4.00	0.32	0.25	0.25	0.29	246	3.81	7.35	28.10
4.50	0.34	0.23	0.25	0.30	253	3.46	7.29	28.03
5.00	0.37	0.23	0.22	0.30	296	3.05	7.27	27.87
5.50	0.42	0.22	0.20	0.31	321	2.52	7.25	27.87
6.00	0.44	0.32	0.20	0.32	401	0.31	7.25	27.87
6.50	0.61	0.53	0.06	0.33	425	0.23	7.23	27.87
7.00	0.82	0.55	0.05	0.45	452	0.23	7.23	27.87
7.50	1.01	0.61	0.05	1.00	482	0.16	7.18	27.80
8.00	1.12	0.61	0.04	2.17	492	0.16	7.16	27.40

**Average water quality data for March**

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (μS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.04	0.06	0.52	0.20	156	8.30	8.12	29.0
0.50	0.04	0.07	0.40	0.21	176	7.75	8.11	28.8
1.00	0.05	0.08	0.38	0.23	185	7.26	8.09	28.7
1.50	0.06	0.11	0.34	0.25	194	6.94	8.06	28.6
2.00	0.07	0.13	0.31	0.26	211	6.08	7.88	28.5
2.50	0.07	0.15	0.29	0.27	221	4.94	7.80	28.2
3.00	0.08	0.15	0.27	0.29	236	4.67	7.50	28.0
3.50	0.09	0.17	0.27	0.32	251	4.41	7.41	28.0
4.00	0.11	0.18	0.21	0.34	257	3.64	7.39	27.9
4.50	0.11	0.21	0.18	0.34	264	3.32	7.36	27.8
5.00	0.11	0.22	0.16	0.31	272	2.99	7.31	27.7
5.50	0.14	0.25	0.15	0.32	287	2.42	7.27	27.7
6.00	0.18	0.31	0.12	0.35	295	0.26	7.26	27.6
6.50	0.55	0.43	0.10	0.39	331	0.12	7.23	27.6
7.00	0.62	0.48	0.08	0.51	351	0.08	7.15	27.5
7.50	0.66	0.52	0.04	1.15	365	0.06	7.13	27.4
8.00	0.76	0.54	0.04	1.89	377	0.06	7.10	27.3

**Average water quality data for May**

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (µS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.05	0.08	0.46	0.22	250	7.89	8.06	29.1
0.50	0.05	0.14	0.36	0.22	259	6.57	8.06	28.7
1.00	0.05	0.16	0.35	0.23	269	6.24	8.04	28.4
1.50	0.05	0.21	0.22	0.26	274	6.07	8.02	28.2
2.00	0.05	0.24	0.24	0.30	286	5.41	7.93	28.3
2.50	0.05	0.26	0.21	0.31	298	4.82	7.87	28.2
3.00	0.07	0.36	0.21	0.34	324	4.48	7.69	28.2
3.50	0.07	0.38	0.20	0.35	335	4.32	7.64	27.6
4.00	0.08	0.45	0.17	0.35	345	3.72	7.49	27.6
4.50	0.13	0.79	0.16	0.36	358	2.28	7.33	27.6
5.00	0.25	0.92	0.10	0.36	379	0.10	7.30	27.6
5.50	0.27	1.24	0.09	1.10	395	0.09	7.24	27.5
6.00	0.29	1.38	0.07	1.43	452	0.09	7.18	27.2

**Average water quality data for October**

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (µS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.05	0.20	0.53	0.09	323	7.17	8.65	28.8
0.50	0.07	0.43	0.48	0.11	336	6.89	8.63	28.7
1.00	0.10	0.50	0.43	0.11	387	6.46	8.60	28.6
1.50	0.11	0.57	0.30	0.11	434	5.17	8.55	28.3
2.00	0.13	0.73	0.21	0.11	568	3.75	8.45	27.6
2.50	0.17	1.23	0.17	0.51	672	2.52	8.25	27.7
3.00	0.23	1.37	0.09	0.72	814	0.54	8.14	27.5
3.50	0.39	1.67	0.05	1.23	928	0.14	7.95	27.2

### Average water quality data for November

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (µS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.12	0.33	1.15	0	184.33	6.70	7.0	29.4
0.50	0.14	0.47	0.76	0	208.67	6.30	7.2	29.4
1.00	0.16	0.57	0.65	0	242.33	5.92	6.9	29.3
1.50	0.21	0.63	0.61	0	277.33	5.19	6.9	29.3
2.00	0.50	1.57	0.58	0	309.67	3.86	6.8	29.1
2.50	0.60	2.00	0.31	1	383.67	3.50	6.8	29.0
3.00	0.70	2.27	0.16	1	400.67	3.27	6.6	29.0
3.50	0.79	4.43	0.04	1	560.67	1.48	6.6	29.0
4.00	1.09	5.20	0.02	2	692.00	0.11	6.5	29.0

### Average water quality data for December

Depth(m)	Ammonia (mg/L)	Nitrite (mg/L)	Nitrate (mg/L)	Reactive phosphate (mg/L)	Conductivity (µS/cm)	DO (mg/L)	pH	Temperature (°C)
0.00	0.20	1.62	1.39	0.20	229	6.70	7.60	28.2
0.50	0.25	1.80	1.16	0.25	241	6.17	7.30	28.0
1.00	0.32	2.17	0.57	0.93	296	4.54	7.07	27.7
1.50	0.45	2.97	0.46	1.33	446	2.27	6.90	27.5
2.00	1.13	4.23	0.24	2.40	609	0.43	6.70	27.1
2.50	1.40	5.07	0.10	2.93	810	0.05	6.47	26.7
3.00	2.07	5.80	0.09	3.11	1183	0.01	6.27	26.6