

Environmental Data Summary

Variable	Metric	nov/20	dez/20	jan/21	fev/21	mar/21	abr/21	mai/21	jun/21	jul/21	ago/21	set/21	out/21	nov/21	dez/21	jan/22	fev/22	mar/22	abr/22	mai/22	jun/22	jul/22
CDOM (ppb)	Mean ± SD	1.27 ± 0.29	1.26 ± 0.28	0.92 ± 0.18	0.85 ± 0.14	0.82 ± 0.14	0.89 ± 0.20	1.07 ± 0.20	1.00 ± 0.16	1.13 ± 0.23	1.21 ± 0.25	0.91 ± 0.16	0.83 ± 0.12	0.80 ± 0.14	1.30 ± 0.72	1.65 ± 0.51	1.09 ± 0.28	0.74 ± 0.13	1.06 ± 0.22	0.96 ± 0.23	0.82 ± 0.16	0.90 ± 0.04
	Min-Max	0.70-2.86	0.74-2.61	0.42-1.80	0.51-1.45	0.49-1.79	0.46-1.62	0.46-1.56	0.65-2.65	0.32-2.17	0.42-2.77	0.54-1.36	0.52-1.25	0.48-1.40	0.50-3.01	0.67-3.00	0.59-2.17	0.42-1.09	0.57-2.37	0.55-1.65	0.52-1.26	0.87-0.96
Chlorophyll (µg L ⁻¹)	Mean ± SD	1.13 ± 0.18	1.15 ± 0.17	0.60 ± 0.32	0.46 ± 0.19	0.50 ± 0.20	0.50 ± 0.17	0.49 ± 0.15	0.53 ± 0.15	0.44 ± 0.14	0.47 ± 0.14	0.52 ± 0.17	0.43 ± 0.13	0.46 ± 0.18	0.51 ± 0.25	0.45 ± 0.16	0.42 ± 0.17	0.40 ± 0.16	0.47 ± 0.23	0.56 ± 0.14	0.63 ± 0.13	0.84 ± 0.16
	Min-Max	0.70-2.01	0.68-1.91	0.14-1.62	0.14-1.63	0.18-1.38	0.17-1.73	0.22-1.29	0.22-1.29	0.09-0.93	0.06-1.13	0.21-1.36	0.19-0.93	0.12-1.31	0.14-1.88	0.21-1.50	0.15-1.28	0.15-1.36	0.28-1.59	0.29-1.15	0.35-1.26	0.73-1.06
DO (mL L ⁻¹)	Mean ± SD	4.07 ± 0.31	3.98 ± 0.32	4.01 ± 0.30	3.95 ± 0.28	3.85 ± 0.33	3.91 ± 0.22	3.86 ± 0.25	3.80 ± 0.42	3.92 ± 0.45	4.12 ± 0.38	4.10 ± 0.21	3.94 ± 0.33	4.10 ± 0.16	3.61 ± 0.52	3.61 ± 0.49	3.63 ± 0.35	3.43 ± 0.34	3.96 ± 0.23	3.98 ± 0.24	4.18 ± 0.11	4.27 ± 0.04
	Min-Max	2.54-4.46	2.58-4.46	2.84-4.42	2.83-4.39	2.55-4.52	2.62-4.41	2.62-4.47	2.54-4.40	2.54-4.51	2.55-5.11	2.79-4.40	2.53-4.47	3.10-4.44	2.53-4.34	2.53-4.36	2.55-4.25	2.56-4.10	3.07-4.84	2.56-4.38	3.77-4.53	4.23-4.32
E-W current (m s ⁻¹)	Mean ± SD	0.04 ± 0.13	0.04 ± 0.10	0.05 ± 0.12	0.04 ± 0.11	0.06 ± 0.15	0.06 ± 0.12	0.08 ± 0.11	0.06 ± 0.15	0.06 ± 0.15	0.08 ± 0.19	0.06 ± 0.16	0.04 ± 0.16	0.04 ± 0.15	0.02 ± 0.13	0.04 ± 0.11	0.05 ± 0.06	0.06 ± 0.07	0.16 ± 0.18	0.04 ± 0.10	0.05 ± 0.09	0.17 ± 0.10
	Min-Max	-1.15-0.62	-0.25-0.38	-0.24-0.34	-0.35-0.30	-0.39-0.94	-0.33-0.42	-0.12-0.70	-0.63-0.83	-0.76-0.67	-0.98-0.86	-0.66-1.21	-0.60-0.98	-0.53-1.32	-0.45-0.43	-0.26-0.51	-0.07-0.29	-0.10-0.23	-0.54-0.59	-0.21-0.33	-0.20-0.60	0.04-0.26
E-W wind (m s ⁻¹)	Mean ± SD	0.82 ± 0.89	1.09 ± 0.65	1.00 ± 0.48	0.98 ± 0.53	0.77 ± 0.47	0.49 ± 0.54	0.30 ± 0.54	0.42 ± 0.52	0.47 ± 0.55	0.58 ± 0.52	0.74 ± 0.51	0.95 ± 0.54	0.65 ± 0.75	0.81 ± 0.67	0.62 ± 0.58	0.68 ± 0.51	0.48 ± 0.49	0.39 ± 0.56	0.28 ± 0.60	0.21 ± 0.55	-0.21 ± 0.23
	Min-Max	-2.09-2.67	-1.17-2.62	-0.64-2.22	-1.15-2.43	-1.04-2.04	-1.34-2.06	-1.81-1.80	-1.20-1.58	-1.62-1.95	-1.48-2.18	-1.71-2.02	-0.92-2.32	-2.48-2.35	-1.26-2.31	-1.18-2.10	-1.10-1.81	-1.22-1.63	-1.54-2.00	-1.44-1.96	-1.48-1.64	-0.44-0.09
N-S current (m s ⁻¹)	Mean ± SD	-0.00 ± 0.42	-0.03 ± 0.42	0.02 ± 0.42	-0.01 ± 0.47	0.00 ± 0.48	-0.02 ± 0.47	-0.06 ± 0.46	-0.03 ± 0.38	-0.02 ± 0.39	-0.00 ± 0.40	-0.01 ± 0.43	0.03 ± 0.43	-0.01 ± 0.35	-0.03 ± 0.29	-0.02 ± 0.29	-0.02 ± 0.31	-0.16 ± 0.35	-0.04 ± 0.29	-0.03 ± 0.31	-0.02 ± 0.29	0.27 ± 0.10
	Min-Max	-1.05-0.89	-0.98-0.86	-0.94-0.84	-1.03-0.92	-1.05-1.54	-1.14-1.15	-1.07-0.91	-1.15-0.96	-0.99-1.44	-1.03-1.02	-1.13-0.91	-1.08-1.20	-0.96-1.15	-0.87-0.64	-0.69-0.58	-0.73-0.70	-0.85-0.66	-0.91-0.70	-0.88-0.57	-0.71-0.62	0.15-0.39
N-S wind (m s ⁻¹)	Mean ± SD	-0.09 ± 1.13	0.28 ± 0.72	-0.03 ± 0.63	0.17 ± 0.68	-0.32 ± 0.72	-0.50 ± 0.96	-1.16 ± 1.09	-1.03 ± 0.87	-1.35 ± 1.18	-1.11 ± 0.93	-0.47 ± 0.91	-0.03 ± 0.80	0.06 ± 1.00	0.45 ± 0.69	-0.12 ± 0.87	-0.03 ± 0.65	-0.45 ± 0.69	-0.71 ± 0.99	-0.90 ± 1.05	-1.39 ± 1.04	-1.37 ± 0.45
	Min-Max	-4.52-2.22	-2.15-1.58	-1.73-1.52	-1.65-1.88	-2.05-1.32	-3.84-1.58	-4.12-1.09	-3.75-1.04	-4.86-1.30	-3.72-1.23	-4.48-1.62	-2.35-1.86	-4.04-2.49	-2.56-2.58	-2.55-2.11	-2.38-1.27	-2.45-1.17	-4.00-1.55	-3.22-1.89	-4.21-0.83	-1.92-0.90
Rainfall (mm ³)	Mean ± SD	0.20 ± 1.14	0.04 ± 0.36	0.25 ± 1.98	0.08 ± 0.58	0.08 ± 0.59	0.40 ± 1.51	0.15 ± 0.67	0.20 ± 0.86	0.34 ± 1.25	0.24 ± 0.92	0.05 ± 0.39	0.19 ± 1.53	0.43 ± 1.97	0.49 ± 2.51	0.05 ± 0.32	0.16 ± 0.82	0.44 ± 1.98	0.55 ± 1.95	0.26 ± 0.95	0.16 ± 0.74	1.06 ± 0.81
	Min-Max	0.00-15.15	0.00-6.85	0.00-30.20	0.00-10.25	0.00-8.55	0.00-20.25	0.00-9.90	0.00-14.20	0.00-18.90	0.00-14.00	0.00-6.75	0.00-25.80	0.00-27.50	0.00-38.10	0.00-5.55	0.00-26.10	0.00-20.25	0.00-20.25	0.00-10.50	0.00-12.45	0.40-2.10
River discharge (m ³ s ⁻¹)	Mean ± SD	176.17 ± 91.29	85.60 ± 85.52	33.57 ± 11.81	12.61 ± 0.30	12.54 ± 0.21	12.77 ± 0.20	15.23 ± 7.25	12.44 ± 0.10	12.54 ± 0.15	10.14 ± 3.98	3.29 ± 0.20	3.25 ± 0.21	81.52 ± 58.14	549.18 ± 379.87	263.12 ± 173.44	62.14 ± 24.85	44.18 ± 1.32	44.43 ± 0.36	44.18 ± 1.01	38.81 ± 6.40	12.30 ± 0.01
	Min-Max	41.23-327.59	39.02-270.11	12.11-41.70	11.99-13.59	12.20-12.99	12.27-13.57	11.73-40.75	12.26-12.77	12.15-13.08	2.99-12.65	3.00-3.61	2.86-3.67	0.03-157.45	50.64-1176.83	84.67-655.40	38.16-122.75	38.77-46.11	40.80-45.00	41.67-45.28	12.32-41.67	12.28-12.31
Salinity	Mean ± SD	36.09 ± 0.34	35.95 ± 0.38	36.42 ± 0.18	36.57 ± 0.15	36.70 ± 0.06	36.42 ± 0.31	35.78 ± 0.35	35.92 ± 0.31	35.51 ± 0.35	35.23 ± 0.48	35.89 ± 0.46	36.45 ± 0.26	36.33 ± 0.28	35.67 ± 0.92	35.31 ± 0.95	36.02 ± 0.47	36.22 ± 0.32	35.60 ± 0.72	34.99 ± 0.66	35.53 ± 0.50	35.02 ± 0.08
	Min-Max	34.99-36.77	34.80-36.69	35.83-36.78	35.91-36.81	36.55-36.88	34.84-36.88	34.99-36.70	33.69-36.53	34.35-36.27	33.88-36.52	34.85-36.83	35.67-36.92	35.12-36.85	32.85-36.67	32.84-36.93	35.09-36.84	35.30-36.92	33.24-36.87	33.34-36.35	34.14-36.83	34.92-35.08
Solar radiation (kJ m ⁻²)	Mean ± SD	816.37 ± 1081.04	1028.89 ± 1249.94	956.02 ± 1200.33	899.79 ± 1135.50	915.94 ± 1199.34	632.04 ± 909.11	610.57 ± 853.30	560.38 ± 779.39	540.04 ± 761.33	736.17 ± 988.06	754.39 ± 1022.50	855.57 ± 1128.42	740.71 ± 1005.93	742.06 ± 989.09	907.11 ± 1155.65	872.85 ± 1151.62	799.04 ± 1110.60	691.80 ± 987.82	576.11 ± 829.78	574.61 ± 787.22	30.68 ± 6.71
	Min-Max	0.05-3878.72	8.20-3971.60	2.28-3903.65	9.80-3718.70	4.54-3685.40	0.16-3419.47	0.20-2904.53	0.05-2713.45	0.07-2890.18	0.20-3263.62	0.28-3520.25	16.50-3741.80	0.67-3838.57	0.69-3825.25	2.28-4056.97	1.95-3795.72	0.58-3759.72	0.28-3522.85	0.03-2997.53	0.23-2788.05	22.62-38.04
Subtidal elevation (m)	Mean ± SD	2.32 ± 0.03	2.30 ± 0.02	2.31 ± 0.02	2.34 ± 0.05	2.36 ± 0.02	2.38 ± 0.04	2.42 ± 0.05	2.37 ± 0.02	2.33 ± 0.05	2.30 ± 0.03	2.28 ± 0.02	2.31 ± 0.02	2.35 ± 0.05	2.32 ± 0.02	2.32 ± 0.06	2.35 ± 0.03	2.41 ± 0.03	2.42 ± 0.04	2.41 ± 0.06	2.42 ± 0.06	2.40 ± 0.00
	Min-Max	2.26-2.39	2.27-2.34	2.25-2.36	2.26-2.44	2.33-2.41	2.29-2.47	2.33-2.50	2.32-2.41	2.24-2.41	2.25-2.37	2.21-2.34	2.27-2.36	2.28-2.45	2.27-2.36	2.22-2.43	2.28-2.40	2.33-2.48	2.38-2.50	2.32-2.55	2.33-2.52	2.40-2.40
Tidal elevation (m)	Mean ± SD	1.32 ± 0.60	1.32 ± 0.58	1.31 ± 0.58	1.32 ± 0.59	1.31 ± 0.64	1.31 ± 0.62	1.31 ± 0.58	1.31 ± 0.56	1.31 ± 0.55	1.31 ± 0.56	1.31 ± 0.60	1.31 ± 0.60	1.31 ± 0.60	1.32 ± 0.58	1.32 ± 0.58	1.31 ± 0.59	1.32 ± 0.63	1.31 ± 0.61	1.31 ± 0.58	1.31 ± 0.55	0.72 ± 0.17
	Min-Max	0.04-2.60	0.13-2.45	0.10-2.41	-0.01-2.59	-0.05-2.67	-0.01-2.62	0.12-2.47	0.19-2.37	0.16-2.41	0.14-2.46	0.02-2.54	-0.03-2.61	0.04-2.60	0.09-2.50	0.08-2.46	0.04-2.53	0.06-2.59	0.06-2.54	0.13-2.46	0.14-2.38	