

Water Quality Data from the Intake Channel of the TFCF, Byron, California

Summary of Percentiles by DAY of YEAR (_dyr)

Water Quality Multiprobe located in Intake Channel of the Tracy Fish Collection Facility, Tracy, California 37°48'54" N 121°33'30" W

Summaries Based on Period of Record April 1, 2000 through February 15, 2007 <> Measurements at 30-min limits <> 2,512 days, 120,552 observations

Bureau of Reclamation Validated Water Quality Data <> Contact: Doug Craft dcraft@do.usbr.gov 303-445-2182 <> TRACY FISH FACILITY IMPROVEMENT PROGRAM

Key to Variable Names: VARIABLE_PERCENTILE_SUMMARY - To export this data table to Microsoft Excel: 1. From this browser: File -> Save As -> "your file name.htm" 2. From Excel: Data -> Import External Data -> Import Data -> "your file name.htm"

Variables	T_	Channel Water Temperature(T), measured in Degrees Celsius, °C
	EC_	Electrical Conductivity (EC), measured in microSiemens per centimeter, µS/cm
	DOpct_	Percent Dissolved Oxygen Saturation in Water (DOpct), measured in percent, %
	DO_	Dissolved Oxygen (DO), measured in milligrams per liter, mg/L
	pH_	Hydrogen Ion Activity in Water (pH), measured in standard units, s.u.
	Eh_	Oxidation-Reduction Potential, Redox, (Eh), measured in millivolts, mV
	Turbidity_	Turbidity, measured in Nephelometric Turbidity Units, NTU <> Turbidity values > 195 NTU are beyond probe calibration range, Lower Detection Limit ~ 1 NTU
Percentiles	_05th_	5th Percentile - approximates the lower 95% confidence limit
	16th	16th Percentile - approximates the lower 68% confidence limit
	Median	50th Percentile - approximates the mean or average
	84th	84th Percentile - approximates the upper 68% confidence limit
	95th	95th Percentile - approximates the upper 95% confidence limit
Variable Summary Suffixes	_dyr	Summary by Day of Year
	_ww	Summary by Week of Year
	_mm	Summary by Month of Year
	_sd	Summary by continuous STUDY DAY (since April 1, 2000)
	_sw	Summary by continuous STUDY WEEK (since April 1, 2000)
	_sm	Summary by continuous STUDY MONTH (since April 1, 2000)

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dy	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dy	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dy	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dy	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dy	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dy	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dy	Turbidity_84 th _dyr	Turbidity_95 th _dyr
1	1-Jan	8.0	8.2	9.4	11.1	11.4	192	329	505	631	757	72.7	73.8	81.8	89.9	92.9	7.76	8.40	8.93	10.24	10.83	7.17	7.27	7.43	7.74	7.87	276	285	321	466	474	4.4	6.2	12.6	19.6	26.0
2	2-Jan	7.9	8.2	9.5	11.1	11.2	198	396	536	633	719	72.2	73.6	82.9	87.9	91.1	7.82	8.43	9.06	10.16	10.60	7.16	7.25	7.38	7.61	7.87	285	290	331	448	473	3.0	4.9	11.8	27.1	53.6
3	3-Jan	8.0	8.3	9.5	10.9	12.4	223	399	478	581	644	70.7	73.7	78.7	87.7	89.0	7.83	8.23	8.82	10.22	10.48	6.89	7.14	7.31	7.43	7.65	295	300	339	472	477	2.6	3.3	10.0	26.6	40.2
4	4-Jan	8.3	8.4	9.4	11.0	12.1	209	390	492	561	654	64.6	70.8	76.2	86.0	87.2	7.37	7.91	8.47	9.98	10.14	6.98	7.07	7.31	7.41	7.58	307	319	348	470	479	2.4	3.1	16.0	26.1	41.2
5	5-Jan	7.8	8.2	9.6	11.0	11.8	205	375	466	555	677	61.3	67.2	74.6	84.9	93.2	6.80	7.31	8.30	9.89	11.05	6.99	7.02	7.28	7.51	7.62	321	327	363	466	478	2.8	5.3	14.0	24.3	43.0
6	6-Jan	7.6	8.1	9.4	11.0	11.7	195	355	460	556	594	64.8	66.7	73.5	90.4	94.6	5.85	7.10	8.05	10.02	11.18	6.98	7.02	7.25	7.52	7.62	262	272	341	468	473	3.8	5.0	12.8	21.7	48.7
7	7-Jan	7.7	8.1	9.3	11.1	11.5	188	335	455	546	566	62.6	64.6	71.2	90.4	92.6	5.49	6.94	7.80	10.05	10.93	7.01	7.06	7.19	7.49	7.53	261	271	344	474	480	3.0	3.7	7.4	15.3	38.7
8	8-Jan	7.7	8.3	9.4	11.0	11.4	184	330	463	548	659	61.9	63.6	70.6	91.4	93.6	5.76	6.98	7.72	10.79	11.00	6.54	7.01	7.18	7.47	7.51	265	278	351	474	489	2.9	3.6	6.6	14.8	32.6
9	9-Jan	7.8	8.4	9.5	11.0	11.4	186	327	465	571	727	60.3	61.9	69.4	92.8	95.1	6.73	7.01	7.83	10.79	11.32	6.56	6.96	7.13	7.49	7.59	243	284	352	451	472	2.8	3.6	8.2	21.5	36.3
10	10-Jan	7.8	8.4	9.8	11.0	11.3	188	316	518	600	835	41.8	53.9	67.7	85.6	89.5	3.77	6.57	7.68	9.47	10.59	6.94	6.97	7.22	7.54	7.61	244	254	295	404	410	2.5	2.9	11.0	19.0	30.3
11	11-Jan	7.6	8.0	10.1	10.9	11.4	190	291	481	681	817	42.3	61.3	69.6	85.3	120.6	6.14	6.94	7.80	10.09	10.89	6.98	7.00	7.16	7.54	7.56	240	254	294	408	413	2.3	2.6	11.3	17.5	25.8
12	12-Jan	7.0	7.5	10.3	10.9	11.4	191	278	401	703	852	59.0	61.4	69.7	112.9	119.3	6.60	6.85	7.84	10.44	10.96	6.99	7.01	7.13	7.54	7.60	230	243	288	415	421	2.1	2.6	12.4	33.9	57.7
13	13-Jan	6.1	6.6	10.4	11.0	11.4	194	242	340	680	800	57.0	59.1	69.3	90.5	113.6	6.41	6.62	7.56	10.89	11.15	6.92	7.01	7.11	7.64	7.69	223	237	262	305	430	2.5	2.8	13.3	43.3	75.7
14	14-Jan	5.9	6.5	10.4	10.7	11.2	196	254	333	687	810	53.9	56.8	67.2	89.5	109.6	6.14	6.37	7.39	10.81	11.27	6.99	7.03	7.16	7.64	7.68	229	254	267	286	358	2.1	2.8	19.5	65.3	94.0
15	15-Jan	5.7	5.9	10.2	10.5	11.4	197	252	317	668	759	52.8	55.0	65.9	87.4	89.1	6.09	6.30	7.06	9.63	11.06	7.02	7.04	7.10	7.61	7.64	237	251	271	486	516	2.0	3.1	17.3	66.4	85.0
16	16-Jan	5.6	6.1	9.7	10.5	11.3	198	253	341	580	761	53.9	55.9	69.8	88.5	101.6	6.18	6.37	7.72	10.43	11.12	7.02	7.06	7.23	7.60	7.64	249	262	275	507	527	1.8	2.9	15.0	58.3	103.2
17	17-Jan	5.8	7.6	9.0	10.4	10.7	200	258	404	573	706	53.6	57.6	69.8	87.8	93.3	6/14	6.60	7.81	10.89	11.19	7.04	7.06	7.30	7.58	7.62	264	268	280	514	535	1.7	3.2	15.9	29.1	154.6
18	18-Jan	6.0	7.3	9.1	10.3	11.1	202	254	329	572	692	53.9	58.6	69.7	87.4	90.8	6.15	6.67	7.69	10.79	10.97	7.05	7.08	7.32	7.59	7.60	268	273	309	512	539	1.5	2.9	15.8	25.2	129.4
19	19-Jan	6.1	6.7	9.0	10.1	10.8	203	206	428	619	762	60.0	61.8	70.5	89.5	92.7	6.77	6.99	7.99	11.02	11.22	7.06	7.08	7.47	7.61	7.66	270	279	323	513	537	1.5	3.1	16.7	67.1	130.1
20	20-Jan	6.3	7.2	9.0	10.0	10.2	205	206	371	638	935	59.2	61.0	74.2	91.5	93.3	6.69	6.93	8.53	11.09	11.49	7.07	7.08	7.43	7.62	7.71	268	279	328	507	535	1.5	2.0	15.6	85.4	130.5
21	21-Jan	6.4	7.3	8.9	9.9	10.1	206	209	418	696	899	58.9	61.1	74.3	90.0	92.5	6.67	6.93	8.49	11.05	11.24	7.06	7.09	7.46	7.62	7.68	264	278	338	511	534	1.3	1.6	16.1	69.4	196.0
22	22-Jan	6.4	7.5	8.8	9.9	10.2	207	212	426	694	922	58.1	61.6	76.3	89.2	91.2	6.66	7.08	8.79	10.85	11.09	7.08	7.11	7.43	7.63	7.67	158	261	319	494	530	1.2	1.3	15.0	62.0	196.0
23	23-Jan	6.5	7.8	8.5	9.8	10.1	210	224	366	589	810	53.3	57.8	80.2	89.0	93.2	6.22	6.67	9.40	10.92	11.26	7.10	7.13	7.39	7.73	7.86	161	172	312	506	526	1.1	1.2	18.0	24.5	196.0
24	24-Jan	6.7	7.8	8.4	9.7	10.0	214	240	357	648	828	52.4	56.5	79.4	88.5	90.5	6.10	6.55	9.33	10.66	10.88	7.12	7.16	7.36	7.75	7.90	169	177	283	510	528	1.0	1.1	16.0	22.8	26.4
25	25-Jan	6.8	7.9	8.5	9.7	9.9	220	244	341	587	838	51.0	53.1	79.9	86.9	89.0	5.91	6.15	9.30	10.43	10.59	7.13	7.17	7.34	7.80	7.99	176	188	284	509	536	1.0	1.1	14.0	24.1	28.6
26	26-Jan	7.1	8.0	8.7	9.8	10.0	228	244	334	580	859	49.9	51.5	78.8	87.4	89.2	5.77	5.98	9.15	10.35	10.66	7.13	7.17	7.36	7.82	8.02	163	185	297	517	544	0.9	1.0	12.2	25.6	32.5
27	27-Jan	7.4	7.9	8.9	10.1	11.1	230	255	341	610	879	48.9	50.9	79.8	86.6	87.9	5.66	5.85	9.10	10.23	10.49	7.09	7.16	7.34	7.81	8.06	173	180	304	520	537	0.9	1.2	9.6	23.8	29.1
28	28-Jan	7.5	8.0	9.2	10.6	11.9	232	263	338	630	889	49.9	63.0	78.5	85.3	87.8	5.66	7.22	8.72	10.05	10.44	7.15	7.19	7.36	7.67	8.04	180	194	257	339	539	0.9	3.1	9.5	22.5	29.6
29	29-Jan	7.8	8.0	9.4	10.9	12.3	235	264	301	580	852	48.5	66.7	80.5	87.5	89.5	5.51	7.50	8.80	10.30	10.46	6.98	7.18	7.36	7.75	7.97	187	195	260	398	569	0.9	2.8	12.6	21.7	29.2
30	30-Jan	7.8	8.1	9.6	11.2	12.3	241	269	401	676	982	48.3	71.9	79.9	87.9	90.0	5.50	7.94	9.00	10.39	10.59	6.92	7.16	7.36	7.68	7.82	191	227	267	375	566	0.9	2.5	11.5	23.9	37.9
31	31-Jan	7.7	8.1	9.6	11.3	12.2	248	264	421	714	873	71.3	73.8	78.5	88.4	90.2	7.93	8.22	8.88	10.46	10.66	6.92	7.10	7.31	7.75	7.87	255	257	286	374	569	0.9	1.2	11.0	23.6	30.0

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
32	1-Feb	7.7	8.1	9.8	11.4	12.2	258	266	375	525	761	65.5	71.4	79.6	88.5	90.7	7.29	7.99	8.84	10.56	10.72	7.08	7.20	7.25	7.40	7.42	257	259	298	379	568	0.9	1.0	10.2	21.6	30.4
33	2-Feb	7.8	8.2	9.6	11.3	12.0	255	264	377	516	818	62.0	65.5	79.8	88.5	90.9	7.03	7.47	9.01	10.49	10.72	6.92	6.99	7.23	7.40	7.42	248	262	305	383	571	0.9	2.4	9.0	21.1	25.7
34	3-Feb	8.0	8.5	9.8	11.5	12.1	255	263	378	462	821	53.8	60.2	81.0	88.3	91.0	6.04	6.91	9.06	10.10	10.70	7.08	7.17	7.21	7.39	7.42	166	232	299	377	568	0.9	2.4	7.8	21.0	27.4
35	4-Feb	8.3	8.9	10.1	11.7	12.2	250	265	380	515	846	47.6	57.1	81.8	88.9	90.7	5.28	6.48	9.11	10.27	10.58	7.13	7.17	7.19	7.42	7.43	170	197	267	372	569	0.7	2.6	6.7	26.1	46.7
36	5-Feb	8.4	9.1	10.3	11.3	11.8	232	252	369	477	838	45.6	60.3	82.5	88.7	91.2	5.06	6.83	9.14	10.19	10.54	7.16	7.18	7.19	7.41	7.43	173	185	266	379	554	0.7	2.6	6.2	22.2	29.6
37	6-Feb	8.5	9.2	10.5	11.3	11.5	218	257	352	469	830	43.1	71.7	83.2	88.2	90.6	4.74	7.87	9.21	10.07	10.32	7.18	7.18	7.22	7.41	7.42	182	210	270	392	562	0.6	2.3	7.1	21.8	25.6
38	7-Feb	8.9	9.2	10.5	11.3	11.6	218	257	387	480	877	41.3	72.1	84.1	87.5	89.5	4.52	7.98	9.37	10.02	10.29	7.15	7.17	7.21	7.36	7.39	208	224	286	380	555	0.9	1.8	8.1	25.0	43.9
39	8-Feb	8.6	9.2	10.3	11.3	11.8	212	260	372	480	910	61.0	69.2	84.2	87.4	90.1	6.65	7.74	9.41	10.07	10.43	7.08	7.12	7.23	7.36	7.39	237	246	308	409	551	0.8	1.6	6.5	25.3	31.2
40	9-Feb	8.4	9.2	10.3	11.6	12.1	205	263	330	455	915	66.3	69.2	82.7	88.3	89.4	7.20	7.72	9.15	10.11	10.44	7.06	7.09	7.23	7.36	7.38	253	260	332	424	550	0.7	1.4	5.4	28.3	34.0
41	10-Feb	8.3	9.3	10.3	11.8	12.2	206	265	334	501	878	71.2	73.8	81.6	88.4	91.7	7.86	8.26	8.88	10.16	10.41	6.99	7.13	7.21	7.34	7.39	240	261	358	426	553	0.9	1.2	8.8	29.5	34.1
42	11-Feb	8.3	9.2	10.7	12.0	12.4	232	260	407	459	851	69.8	72.9	80.5	88.8	91.7	7.81	8.06	8.68	10.23	10.41	7.05	7.09	7.28	7.38	7.56	207	245	370	422	546	0.9	1.3	8.3	26.1	32.8
43	12-Feb	8.3	9.7	11.0	12.4	12.7	233	236	370	445	833	64.9	69.0	79.6	88.0	90.6	7.09	7.56	8.56	10.06	10.42	7.03	7.20	7.31	7.54	7.65	210	220	374	404	436	0.9	2.0	6.8	18.4	27.3
44	13-Feb	8.1	9.1	11.0	12.5	12.9	233	236	330	453	676	59.9	64.1	80.8	89.8	91.5	6.65	7.23	8.69	10.25	10.65	7.17	7.22	7.35	7.59	7.69	204	219	365	406	407	1.0	2.3	7.4	24.9	31.1
45	14-Feb	8.2	9.7	11.1	12.6	13.2	236	237	335	446	808	57.3	62.3	81.3	88.5	91.7	6.41	7.01	8.73	10.06	10.61	7.18	7.22	7.38	7.70	7.84	209	226	364	409	410	1.2	2.4	6.3	21.9	29.1
46	15-Feb	8.7	9.6	11.4	12.4	13.1	239	250	332	448	761	56.3	60.6	81.3	87.8	91.5	6.28	6.67	8.76	9.96	10.53	7.22	7.24	7.33	7.83	7.89	236	247	347	402	411	1.3	2.1	6.1	23.8	29.8
47	16-Feb	8.9	9.6	11.5	12.2	13.2	242	250	327	405	701	55.7	58.4	81.7	88.9	91.1	6.13	6.25	8.86	9.93	10.39	7.22	7.24	7.32	7.99	8.09	237	240	323	403	404	1.3	2.0	6.2	25.1	30.5
48	17-Feb	9.0	10.1	11.5	13.0	13.4	240	247	312	412	684	57.6	59.6	82.4	88.5	90.4	6.24	6.34	8.95	9.80	10.28	7.24	7.26	7.32	8.11	8.16	245	262	313	367	404	2.1	2.9	5.6	28.6	71.4
49	18-Feb	9.2	10.2	11.5	12.9	13.5	245	286	321	413	663	55.4	57.1	79.9	88.7	94.3	5.91	6.06	8.80	9.96	10.14	7.22	7.23	7.29	8.12	8.38	157	169	270	358	366	2.0	2.5	5.0	33.5	50.9
50	19-Feb	9.4	10.0	11.6	12.9	13.4	237	245	317	426	698	53.2	55.0	80.8	87.5	88.6	5.65	5.86	8.98	9.51	9.95	6.88	7.00	7.22	7.32	7.34	175	186	267	358	476	1.8	2.7	4.9	27.8	37.3
51	20-Feb	9.6	10.5	11.6	13.1	13.4	228	232	318	495	830	49.1	54.4	81.5	86.5	89.3	5.19	5.69	8.90	9.67	9.86	6.96	7.05	7.21	7.31	7.33	191	200	268	358	566	1.8	3.2	6.5	22.3	27.4
52	21-Feb	9.9	10.6	11.8	13.2	13.5	231	236	324	523	767	50.4	56.1	80.7	84.8	90.0	5.30	5.96	8.86	9.54	9.76	7.07	7.13	7.21	7.32	7.33	203	213	271	331	559	1.6	3.2	6.4	21.2	26.9
53	22-Feb	10.0	10.7	12.0	13.3	13.6	227	231	328	453	887	50.9	54.7	81.7	84.6	88.5	5.32	5.72	8.80	9.49	9.72	7.11	7.14	7.22	7.32	7.32	212	222	291	344	554	1.5	3.5	6.4	23.6	28.4
54	23-Feb	10.1	11.0	12.2	13.5	14.0	223	232	384	568	805	48.6	55.3	81.3	84.9	87.7	5.03	5.75	8.80	9.31	9.70	7.14	7.18	7.24	7.33	7.34	211	226	314	524	563	1.5	3.2	7.7	25.3	31.4
55	24-Feb	10.3	11.3	12.3	13.6	14.2	223	229	396	607	884	46.0	51.1	81.0	84.8	88.4	4.79	5.31	8.68	9.35	9.71	7.11	7.15	7.25	7.31	7.34	224	241	328	382	568	1.5	2.9	6.6	27.5	34.6
56	25-Feb	10.1	11.2	12.4	13.6	14.3	216	228	350	453	863	43.9	48.6	82.5	86.5	89.7	4.55	5.06	8.75	9.50	9.93	7.07	7.16	7.24	7.33	7.36	234	247	331	392	515	1.7	3.1	7.2	28.7	35.5
57	26-Feb	10.6	11.7	12.4	13.6	14.6	204	218	346	442	855	47.4	49.8	83.5	87.2	90.1	4.92	5.16	8.98	9.51	9.75	7.07	7.11	7.24	7.36	7.43	212	215	321	467	511	2.7	3.0	8.7	26.5	33.8
58	27-Feb	10.6	11.6	12.5	13.7	14.7	204	210	367	459	798	51.9	55.4	83.3	87.5	90.3	5.55	5.85	9.00	9.52	9.72	7.01	7.16	7.29	7.40	7.71	217	232	400	480	513	3.2	3.6	7.9	28.2	34.6
59	28-Feb	10.7	11.8	12.4	13.7	14.7	205	207	333	509	800	55.2	60.4	83.4	88.0	89.8	5.95	6.41	8.96	9.46	9.65	7.20	7.26	7.36	7.61	7.66	236	242	370	490	517	2.0	3.4	9.4	31.9	40.2

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
60	1-Mar	10.9	11.9	12.5	13.8	14.3	207	211	337	446	850	52.7	61.0	83.7	87.7	89.0	5.71	6.34	9.00	9.43	9.80	7.28	7.31	7.38	7.53	7.58	247	252	362	461	488	1.0	1.7	7.6	29.8	36.9
61	2-Mar	11.0	12.0	12.5	14.0	14.3	209	212	346	443	916	51.4	54.4	83.4	88.2	89.5	5.55	5.83	9.02	9.41	9.67	7.29	7.33	7.41	7.49	7.55	251	256	365	444	480	0.1	1.4	7.7	30.0	40.1
62	3-Mar	11.0	11.9	12.4	14.0	14.2	209	327	362	455	887	53.1	56.1	83.1	87.6	89.1	5.62	5.83	8.92	9.41	9.52	7.26	7.29	7.39	7.46	7.58	253	259	357	457	498	0.1	0.5	10.4	34.3	44.5
63	4-Mar	11.0	11.6	12.3	14.1	14.3	315	322	353	489	935	50.5	54.7	83.6	87.4	90.1	5.23	5.74	8.98	9.44	9.69	7.21	7.23	7.33	7.48	7.60	208	262	366	502	538	0.1	0.1	9.9	42.4	61.3
64	5-Mar	11.0	11.2	12.7	13.9	14.5	269	293	345	548	930	49.3	55.6	84.6	88.1	89.8	5.12	5.94	8.86	9.61	9.84	7.21	7.22	7.31	7.49	7.58	214	218	298	450	456	0.1	0.1	9.5	35.7	48.9
65	6-Mar	10.9	11.4	13.0	14.3	14.7	248	252	378	608	952	49.3	58.3	83.9	87.6	89.7	5.08	6.05	8.78	9.46	9.71	7.21	7.24	7.29	7.39	7.74	241	249	320	465	544	0.1	0.5	9.0	24.5	33.8
66	7-Mar	11.2	11.6	13.4	14.3	14.9	230	234	417	654	861	48.7	59.0	83.0	87.6	88.9	5.00	5.97	8.72	9.25	9.63	7.19	7.22	7.33	7.71	7.77	256	267	330	559	567	0.1	0.1	14.2	23.7	31.2
67	8-Mar	11.3	11.9	13.4	14.6	15.4	229	230	420	703	961	47.7	56.2	82.1	88.3	90.0	4.88	5.68	8.69	9.13	9.40	7.18	7.22	7.40	7.77	7.82	253	259	319	558	566	0.1	0.2	11.1	27.8	45.8
68	9-Mar	11.5	11.9	13.5	15.2	15.8	222	224	418	563	910	51.7	61.4	83.3	89.4	91.2	5.21	6.33	8.86	9.27	9.46	7.13	7.21	7.39	7.77	7.85	157	259	309	560	565	0.1	2.3	12.7	28.6	40.2
69	10-Mar	11.1	11.3	13.8	16.0	16.4	217	219	458	647	955	59.6	63.5	81.8	87.1	91.3	5.94	6.33	8.61	9.22	9.54	6.95	7.11	7.38	7.78	7.83	165	189	267	559	567	2.0	2.5	14.3	30.0	39.3
70	11-Mar	11.1	11.4	14.2	16.6	17.0	220	223	421	595	937	56.0	60.7	78.1	89.7	92.4	5.45	6.01	8.35	9.10	9.62	6.97	7.04	7.34	7.80	8.22	196	207	274	476	567	1.5	1.7	10.8	31.4	37.7
71	12-Mar	11.0	11.2	14.5	17.1	17.3	222	222	422	598	832	54.7	59.6	77.7	90.6	94.1	5.31	5.79	8.52	9.20	9.64	7.00	7.22	7.34	8.20	8.26	213	224	289	508	519	1.4	1.8	9.3	26.6	37.7
72	13-Mar	10.5	11.1	14.9	17.1	17.4	223	226	379	605	833	53.0	58.9	77.2	89.4	92.9	5.14	5.85	8.46	9.07	9.58	6.97	7.22	7.36	8.23	8.32	234	264	291	496	529	1.2	1.4	9.1	25.8	32.8
73	14-Mar	10.9	11.3	15.2	16.9	17.5	226	230	396	678	809	52.5	59.9	76.3	88.8	93.1	5.05	6.06	8.29	8.95	9.65	6.91	6.97	7.39	8.27	8.35	260	277	308	505	526	1.1	1.4	9.5	23.8	32.4
74	15-Mar	11.1	12.2	15.1	16.4	17.5	228	230	403	772	862	53.8	60.7	77.1	87.9	92.1	5.24	6.06	8.26	9.02	9.78	6.91	7.06	7.41	8.30	8.40	266	277	324	516	529	1.2	2.6	9.7	21.3	30.0
75	16-Mar	11.3	11.5	14.9	16.4	16.8	225	227	520	780	902	48.8	70.0	80.4	91.0	93.4	4.75	6.95	8.50	9.48	9.75	6.84	7.37	7.48	8.37	8.42	267	269	384	525	538	1.9	2.4	11.4	22.5	29.1
76	17-Mar	11.5	11.8	14.7	15.8	16.1	222	224	524	790	902	65.8	73.9	82.1	90.1	91.7	6.61	7.30	8.72	9.60	9.78	7.31	7.39	7.47	8.39	8.42	238	268	395	536	541	1.8	2.3	10.4	25.2	29.2
77	18-Mar	11.4	11.8	14.8	16.3	17.0	223	224	516	811	970	59.4	66.3	80.9	87.6	100.7	5.79	6.68	8.09	9.38	10.82	7.28	7.32	7.43	8.07	8.38	178	240	379	498	548	1.8	2.2	8.4	24.4	29.8
78	19-Mar	11.5	11.7	14.7	17.1	18.1	225	226	475	888	976	53.3	61.3	81.2	96.5	103.6	5.07	6.26	8.18	10.38	11.01	7.03	7.35	7.42	8.02	8.09	194	252	274	428	494	1.7	2.1	7.6	23.2	29.6
79	20-Mar	11.4	11.8	14.5	17.2	18.0	226	226	489	888	1046	63.9	72.6	81.9	100.1	103.7	6.43	7.11	8.52	10.73	10.89	6.97	7.14	7.44	8.00	8.05	248	274	299	457	479	1.6	1.9	7.2	26.5	32.5
80	21-Mar	11.2	11.8	14.4	17.4	18.5	226	227	478	941	1069	66.2	71.5	81.0	99.4	102.6	6.80	7.19	8.28	10.44	10.66	6.97	7.16	7.45	7.94	7.99	274	278	363	464	512	1.7	2.0	6.6	26.4	30.5
81	22-Mar	11.5	12.5	14.8	17.3	18.7	228	229	474	958	1142	68.1	75.8	79.7	97.5	100.5	6.96	7.30	8.16	9.87	10.57	6.98	7.20	7.44	7.93	7.97	275	278	404	511	531	1.7	2.2	6.8	26.3	31.4
82	23-Mar	11.7	12.8	14.4	17.5	18.5	235	237	478	916	1143	70.0	74.8	79.9	94.0	99.2	7.11	7.48	8.14	9.45	10.43	7.01	7.25	7.48	7.93	7.95	275	276	409	537	551	1.7	2.0	6.8	29.3	36.8
83	24-Mar	12.4	13.1	14.1	17.5	18.9	241	245	478	891	1099	68.6	71.8	79.5	93.9	97.7	7.02	7.41	7.79	9.54	10.22	6.94	7.17	7.45	7.93	7.96	238	276	411	544	549	1.5	1.7	6.9	37.2	49.2
84	25-Mar	13.0	13.2	14.3	17.3	19.0	248	248	456	884	1082	69.8	72.5	77.9	95.9	100.2	7.15	7.41	7.75	9.81	10.34	6.98	7.13	7.30	7.97	8.07	238	244	279	417	545	1.5	1.7	6.5	39.9	54.1
85	26-Mar	13.1	13.5	14.6	17.2	18.2	248	249	402	812	1010	69.8	71.2	79.3	98.9	100.8	7.05	7.40	7.76	10.02	10.31	7.11	7.25	7.35	7.96	8.06	243	270	313	431	495	1.4	1.7	10.9	34.7	53.0
86	27-Mar	13.2	13.6	15.0	17.0	18.2	249	251	369	810	1041	69.0	72.3	81.8	99.5	102.0	7.00	7.48	8.12	9.94	10.18	7.27	7.29	7.37	7.95	8.07	270	276	321	513	540	1.5	2.0	13.3	28.9	37.9
87	28-Mar	12.9	13.4	15.2	17.0	18.0	250	252	315	801	990	68.8	74.0	80.7	99.3	106.1	6.97	7.60	8.23	9.91	10.21	7.25	7.29	7.40	7.93	8.16	271	274	334	526	548	1.7	2.1	16.5	29.9	40.7
88	29-Mar	12.5	13.0	15.6	17.3	18.0	248	251	296	760	976	65.6	69.1	81.4	99.6	108.6	6.71	7.13	8.21	9.84	10.37	7.18	7.22	7.39	7.92	8.20	267	277	346	526	553	1.7	2.6	12.8	29.6	41.7
89	30-Mar	12.4	12.8	16.3	17.7	18.7	243	249	293	744	952	60.8	66.0	83.5	101.2	108.9	6.25	6.83	8.22	9.78	10.25	7.16	7.18	7.42	7.91	8.23	256	263	353	526	552	2.1	2.5	10.8	34.2	49.8
90	31-Mar	12.4	12.9	17.0	18.1	19.4	224	237	297	713	914	60.7	67.0	81.2	99.2	108.2	6.22	6.60	8.17	9.44	10.14	6.97	7.13	7.39	7.85	8.21	166	186	333	524	556	3.4	5.3	13.5	40.3	53.2

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
91	1-Apr	12.3	13.1	16.7	18.2	18.6	212	217	293	418	880	53.6	67.2	76.0	97.9	106.5	5.18	6.96	8.10	9.25	9.98	7.03	7.11	7.26	7.65	7.96	187	194	340	527	561	4.3	5.1	9.4	25.5	44.5
92	2-Apr	12.7	13.4	16.6	17.2	19.3	211	215	278	401	837	37.1	72.8	79.8	99.1	116.7	3.59	7.56	8.09	9.51	10.74	7.08	7.11	7.36	7.79	8.22	160	191	350	551	562	3.7	4.8	10.4	31.0	44.3
93	3-Apr	12.8	13.5	15.9	17.1	19.0	212	218	267	385	801	68.3	70.8	76.9	98.4	114.7	6.79	7.29	7.73	9.42	10.58	7.06	7.08	7.45	7.88	8.28	183	209	288	508	567	3.2	5.9	10.4	32.9	45.9
94	4-Apr	13.0	13.2	15.8	17.0	17.5	214	214	263	305	772	66.9	68.7	74.6	97.6	102.9	6.83	7.08	7.53	9.41	9.92	7.03	7.05	7.43	7.89	8.21	159	217	304	463	561	3.0	3.6	10.1	30.4	39.0
95	5-Apr	12.7	13.7	16.0	17.3	17.7	213	221	273	451	732	67.4	69.3	80.8	101.4	104.9	6.94	7.18	8.05	9.79	10.05	7.03	7.21	7.64	8.23	8.35	146	192	321	482	523	3.1	5.6	15.8	31.8	44.3
96	6-Apr	13.2	14.2	15.5	17.6	18.1	210	219	279	492	761	67.0	70.3	83.2	99.8	104.6	6.91	7.11	8.36	9.63	9.92	7.01	7.20	7.61	8.32	8.41	155	207	339	503	527	3.2	6.2	17.8	35.4	48.0
97	7-Apr	13.9	14.3	15.4	17.7	18.0	209	212	286	528	750	64.0	70.2	82.3	98.3	105.2	6.55	7.05	8.36	9.38	9.94	6.98	7.09	7.68	8.34	8.49	171	185	350	522	536	4.2	6.1	18.7	37.3	50.7
98	8-Apr	13.7	14.0	15.8	17.6	18.3	205	212	293	526	744	56.6	60.6	83.1	97.4	107.3	5.46	6.13	8.43	9.35	10.07	6.94	6.98	7.45	8.38	8.52	125	178	332	485	531	5.0	6.0	11.5	34.9	49.4
99	9-Apr	13.9	14.5	16.7	18.0	18.4	206	209	309	545	761	48.5	55.1	80.6	97.8	102.9	4.66	5.55	8.12	9.34	9.74	6.90	6.92	7.47	8.40	8.55	137	162	332	465	491	4.5	5.2	10.9	36.2	46.3
100	10-Apr	14.2	14.6	17.0	18.0	18.6	207	213	315	495	704	36.4	50.7	83.5	96.5	100.8	3.50	5.09	8.13	9.24	9.60	6.88	6.90	7.45	8.48	8.58	148	204	333	446	498	4.7	4.9	11.1	37.2	45.6
101	11-Apr	14.3	14.5	17.1	18.2	19.0	197	210	305	452	684	44.2	47.5	85.7	95.0	100.2	4.18	4.80	8.40	9.14	9.51	6.86	6.88	7.48	8.05	8.52	158	211	336	456	488	4.7	5.8	10.7	33.2	45.8
102	12-Apr	14.2	14.3	16.8	18.6	19.4	186	207	296	445	697	45.5	51.1	85.3	95.6	105.0	4.65	4.99	8.30	9.26	9.80	6.89	7.25	7.56	8.07	8.17	177	212	339	468	488	4.7	6.4	11.4	32.2	42.5
103	13-Apr	14.1	14.5	16.1	18.9	19.4	188	210	270	422	684	40.9	53.1	82.8	98.0	102.6	4.14	4.93	7.86	9.31	9.85	7.23	7.25	7.53	8.07	8.19	182	229	341	489	510	6.1	7.6	14.7	28.9	40.7
104	14-Apr	14.2	14.7	16.1	19.0	19.7	192	216	257	371	672	35.4	62.4	78.8	98.3	101.3	3.56	5.87	7.53	9.31	10.09	7.18	7.21	7.52	8.10	8.19	192	248	271	512	530	5.8	6.6	14.5	27.6	37.6
105	15-Apr	13.9	15.1	16.4	18.4	18.5	192	222	248	334	580	32.9	47.1	79.6	96.2	99.6	3.27	4.45	7.88	9.14	9.97	7.14	7.17	7.44	8.12	8.19	203	245	265	534	555	5.1	6.4	12.3	33.3	39.7
106	16-Apr	14.4	15.2	16.5	18.2	18.4	193	224	263	399	601	31.8	49.5	74.9	90.9	96.7	3.20	4.68	7.39	8.68	9.55	7.16	7.18	7.38	8.08	8.13	218	240	288	473	563	4.2	6.3	12.3	25.0	36.6
107	17-Apr	14.7	15.1	16.7	17.7	18.0	197	235	272	345	606	29.7	34.6	80.8	91.3	101.0	3.01	3.49	7.87	8.93	9.81	7.16	7.18	7.52	8.07	8.12	244	254	315	415	476	3.7	6.4	17.4	27.5	35.6
108	18-Apr	14.7	15.1	16.6	17.1	17.4	199	238	272	324	588	28.0	31.4	82.4	91.1	94.8	2.85	3.18	8.01	8.86	9.17	7.15	7.16	7.57	7.84	8.08	253	258	335	434	499	3.1	6.5	12.2	24.6	30.7
109	19-Apr	14.7	15.2	16.5	16.9	17.3	205	248	280	341	590	27.8	30.9	80.0	91.7	96.2	2.80	3.11	7.82	8.95	9.23	7.14	7.16	7.59	7.74	7.94	247	259	316	409	526	2.9	7.1	9.1	25.6	34.2
110	20-Apr	15.0	15.5	16.5	16.9	17.3	208	257	288	500	610	29.1	39.2	78.4	90.1	93.5	2.90	3.93	7.65	8.81	9.09	7.14	7.17	7.60	7.79	7.96	250	257	339	393	420	2.7	7.1	8.5	25.7	31.8
111	21-Apr	15.2	15.6	16.4	17.2	17.9	189	260	308	576	675	36.3	55.9	75.5	85.8	89.5	3.58	5.56	7.33	8.37	8.69	7.14	7.21	7.55	7.77	7.99	249	254	319	406	457	2.9	5.6	12.7	28.0	32.5
112	22-Apr	15.3	15.6	16.4	17.7	18.2	186	266	330	515	673	47.0	57.4	71.5	86.3	95.6	4.70	5.51	6.97	8.45	9.06	7.14	7.20	7.59	7.75	7.82	250	256	324	429	546	2.7	5.7	13.1	28.8	33.7
113	23-Apr	15.5	15.6	16.5	17.7	18.3	186	270	311	463	562	42.8	61.5	80.8	92.0	96.6	4.23	6.10	7.81	8.78	9.09	7.14	7.18	7.60	7.83	7.89	248	255	320	384	547	2.0	7.1	12.4	29.7	35.4
114	24-Apr	15.1	15.8	16.7	18.1	18.6	180	273	308	393	536	43.1	64.5	79.5	89.8	93.2	4.28	6.29	7.76	8.58	8.96	7.17	7.20	7.53	7.82	7.88	252	257	325	362	385	1.9	7.1	12.8	28.2	33.8
115	25-Apr	15.1	15.5	17.3	18.4	19.2	170	274	329	439	501	49.6	60.1	75.8	87.8	91.3	4.94	5.95	7.37	8.33	8.90	7.21	7.23	7.51	7.72	7.84	250	257	346	381	392	1.9	7.0	15.4	27.6	32.5
116	26-Apr	14.9	15.6	17.5	18.7	19.6	157	275	345	436	498	52.5	63.3	80.7	88.1	91.1	4.94	6.21	7.71	8.47	8.74	7.22	7.29	7.54	7.66	7.76	205	253	347	399	411	2.7	6.4	13.1	27.5	32.2
117	27-Apr	15.7	16.2	17.2	19.4	20.4	150	279	346	459	521	65.3	67.9	78.5	86.0	89.5	6.27	6.64	7.40	8.24	8.50	7.16	7.30	7.54	7.77	7.84	206	251	355	390	424	3.1	6.1	12.7	27.2	33.1
118	28-Apr	16.4	16.7	17.6	19.1	20.6	148	282	338	410	521	60.7	69.5	76.9	84.8	91.7	5.59	6.58	7.27	8.15	8.56	7.12	7.29	7.53	7.74	7.85	250	257	358	408	468	3.7	5.9	13.6	28.6	35.6
119	29-Apr	16.3	16.7	18.2	20.7	21.0	143	146	359	412	497	54.5	67.3	75.5	87.2	93.4	4.89	6.22	7.22	8.30	8.74	7.10	7.13	7.58	7.79	7.85	245	258	371	432	500	3.4	4.1	16.4	29.2	35.1
120	30-Apr	16.2	17.5	18.5	20.1	20.4	139	142	374	428	531	47.8	63.1	73.7	87.8	92.2	4.33	5.76	6.85	8.40	8.67	7.08	7.10	7.61	7.79	7.83	267	269	379	494	552	3.2	3.7	16.0	33.0	35.7

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
121	1-May	16.1	17.8	18.9	20.1	20.3	139	141	360	454	538	62.2	64.6	75.7	86.9	90.5	5.79	6.00	6.91	8.24	8.53	7.05	7.07	7.65	7.77	7.81	238	275	311	403	548	3.0	3.5	17.2	35.0	39.7
122	2-May	16.5	17.7	18.8	19.9	20.5	141	145	326	368	451	59.8	61.6	76.4	83.8	88.0	5.52	5.67	7.07	7.98	8.22	7.03	7.04	7.52	7.69	7.78	235	265	305	397	425	2.9	3.4	17.4	34.1	43.6
123	3-May	16.8	17.6	18.6	20.6	20.9	144	145	346	404	439	44.7	57.1	77.5	84.6	88.5	4.02	5.33	7.32	8.07	8.54	7.01	7.04	7.49	7.66	7.71	238	249	291	415	498	3.1	3.4	21.9	35.5	41.5
124	4-May	17.0	17.6	18.8	21.3	21.8	143	144	351	431	478	40.4	53.5	75.4	86.9	91.5	3.55	4.94	7.05	7.99	8.83	7.00	7.02	7.49	7.70	7.74	201	256	312	443	532	3.1	3.4	22.7	37.0	43.2
125	5-May	16.8	17.4	18.8	21.7	22.2	139	142	333	409	443	52.2	54.8	75.1	84.9	87.1	4.91	5.10	7.03	7.90	8.21	6.99	7.00	7.58	7.73	7.76	212	232	301	461	530	3.2	3.7	22.4	42.8	57.8
126	6-May	16.6	16.9	18.7	20.4	21.7	138	277	335	374	431	52.2	56.1	70.0	82.2	85.5	4.93	5.23	6.55	7.66	7.99	6.99	7.23	7.54	7.72	7.79	212	254	303	489	556	3.6	5.5	21.7	43.1	53.5
127	7-May	16.5	17.0	18.2	20.9	21.4	137	311	345	388	438	53.0	56.2	66.8	80.5	84.6	4.96	5.26	6.26	7.58	7.94	7.00	7.12	7.38	7.71	7.80	222	254	308	484	536	3.9	5.3	20.2	38.1	49.6
128	8-May	16.4	17.0	18.1	21.0	21.8	136	316	349	424	454	51.7	55.5	68.8	78.0	80.7	4.83	5.19	6.56	7.43	7.59	6.97	7.20	7.34	7.53	7.75	252	257	332	406	533	4.0	5.7	18.2	32.7	38.7
129	9-May	16.1	16.8	18.2	21.5	22.3	139	295	347	426	476	51.7	56.3	70.3	76.2	80.5	4.86	5.11	6.53	7.14	7.49	6.95	7.27	7.38	7.51	7.66	191	239	312	489	532	3.9	5.7	20.2	33.4	53.5
130	10-May	16.0	16.9	18.1	21.5	22.5	138	286	349	384	450	51.3	56.7	68.9	77.2	80.6	4.78	5.22	6.44	7.26	7.52	6.94	7.25	7.41	7.54	7.64	176	238	296	511	542	3.9	5.9	20.1	34.3	40.7
131	11-May	16.2	17.3	18.3	20.9	23.0	138	271	357	423	458	51.9	56.9	69.0	78.1	82.0	4.79	5.20	6.48	7.39	7.70	6.93	7.30	7.42	7.55	7.69	244	265	326	517	553	3.8	6.2	20.8	35.5	40.8
132	12-May	16.3	17.5	18.7	20.0	22.8	139	258	353	457	477	51.4	61.4	71.2	78.8	83.0	4.72	5.63	6.53	7.53	7.90	6.91	7.29	7.45	7.62	7.73	210	274	326	538	565	3.6	6.5	19.6	35.7	42.7
133	13-May	16.8	17.5	19.0	20.3	22.1	136	252	340	466	491	51.7	56.7	70.5	79.5	83.9	4.77	5.23	6.49	7.49	7.98	6.91	7.23	7.47	7.71	7.77	183	215	335	526	567	3.7	5.6	17.9	36.5	46.4
134	14-May	17.2	18.0	19.1	20.8	21.3	133	136	339	402	464	51.1	59.6	71.2	80.5	83.5	4.71	5.39	6.55	7.57	7.82	6.90	6.94	7.51	7.70	7.82	229	242	359	520	566	3.7	4.7	16.9	28.1	46.7
135	15-May	17.8	18.4	19.3	20.8	21.5	133	199	347	380	443	49.7	52.9	69.1	78.6	82.2	4.45	4.81	6.33	7.36	7.68	6.89	7.08	7.52	7.65	7.81	244	250	373	495	525	3.6	4.8	16.3	29.4	38.5
136	16-May	18.0	18.3	19.6	20.7	21.7	135	238	350	388	423	49.1	52.0	67.3	76.7	79.0	4.43	4.73	6.18	7.13	7.41	6.88	7.12	7.50	7.64	7.80	248	251	360	489	523	3.4	5.1	15.5	28.2	38.4
137	17-May	17.7	18.1	19.7	21.0	22.0	134	254	351	389	415	47.6	51.0	64.9	74.1	76.6	4.35	4.58	5.93	6.89	7.25	6.88	7.11	7.46	7.66	7.83	259	292	344	487	520	3.4	5.7	14.6	28.9	38.7
138	18-May	17.2	17.7	19.5	21.2	22.3	128	248	351	369	413	50.3	53.2	64.1	72.7	80.8	4.56	4.88	5.88	6.78	7.68	6.96	7.30	7.45	7.67	7.80	295	300	341	500	523	3.6	5.4	16.8	28.9	38.3
139	19-May	16.8	18.2	19.3	20.4	22.6	124	253	345	362	404	53.0	55.4	64.9	72.5	83.0	4.87	5.12	5.91	6.66	7.78	7.07	7.29	7.46	7.63	7.78	298	304	352	509	536	4.0	5.9	17.3	27.3	36.9
140	20-May	16.7	18.5	19.7	21.0	23.3	124	231	344	375	415	51.2	55.1	63.4	73.9	83.7	4.63	5.05	5.83	6.83	7.73	7.09	7.28	7.45	7.61	7.78	298	304	360	506	540	4.2	6.2	17.6	25.9	35.6
141	21-May	17.2	18.4	19.6	21.7	24.0	124	204	345	404	465	50.1	56.4	66.0	79.2	83.0	4.59	5.00	6.19	7.05	7.47	7.11	7.16	7.45	7.62	7.73	297	302	386	514	552	4.1	6.1	15.0	26.7	32.3
142	22-May	17.7	18.0	19.0	22.8	24.3	124	175	359	431	490	56.5	63.3	74.2	83.9	89.8	5.12	5.79	6.57	7.64	8.23	7.09	7.13	7.34	7.64	7.74	194	233	398	487	548	3.9	5.8	13.4	23.6	29.9
143	23-May	17.4	17.8	19.0	23.6	24.3	123	162	367	445	500	64.0	67.7	76.4	86.2	94.0	5.73	6.21	6.79	7.94	8.52	7.08	7.11	7.36	7.48	7.73	193	228	394	514	565	3.6	6.5	12.0	20.9	27.9
144	24-May	17.3	18.1	20.1	23.8	24.4	123	159	358	454	502	61.5	67.2	76.6	89.8	96.1	5.44	6.03	6.81	8.10	8.47	7.09	7.15	7.38	7.47	7.65	235	299	399	545	563	3.7	6.1	12.7	19.8	28.2
145	25-May	17.4	18.3	20.8	23.7	24.2	125	171	346	477	514	55.0	63.8	75.4	88.1	93.4	4.86	5.72	6.99	7.88	8.28	7.13	7.18	7.34	7.46	7.70	223	270	396	542	566	3.6	6.9	12.8	22.7	30.5
146	26-May	17.6	18.3	20.7	22.4	24.1	126	168	346	509	577	44.9	60.1	76.0	88.9	94.0	3.99	5.37	7.13	7.99	8.41	7.14	7.17	7.34	7.73	8.03	220	249	372	449	568	3.2	4.6	10.9	26.7	43.5
147	27-May	17.4	18.0	20.8	22.5	23.3	127	152	357	545	598	35.9	59.2	77.0	88.8	94.8	3.10	5.43	7.31	7.98	8.42	7.15	7.18	7.35	7.83	8.10	244	257	377	452	569	3.3	5.1	9.9	32.0	60.2
148	28-May	17.4	18.2	20.8	22.2	23.5	128	148	371	571	645	41.0	64.6	77.0	86.2	91.2	3.47	5.90	7.05	7.76	8.11	7.14	7.20	7.37	7.81	7.99	225	262	382	452	545	3.5	5.0	13.8	41.9	137.8
149	29-May	17.7	18.3	21.2	22.6	24.1	130	152	387	608	652	60.9	66.8	77.7	87.3	99.3	5.62	6.03	6.86	7.96	8.49	7.22	7.24	7.33	7.76	7.86	249	271	401	486	571	4.3	6.1	14.2	40.2	137.7
150	30-May	18.0	18.4	21.6	23.1	23.8	132	150	417	642	686	61.8	68.7	79.3	87.0	96.4	5.68	6.22	6.94	8.02	8.43	7.20	7.24	7.31	7.73	7.90	247	275	389	462	544	4.3	6.5	14.4	31.9	51.9
151	31-May	18.5	18.9	22.0	23.7	24.1	135	145	402	611	681	61.5	69.3	84.0	90.9	99.7	5.70	6.26	7.26	8.02	8.61	7.19	7.23	7.32	7.58	7.94	269	294	370	469	533	4.1	7.1	20.4	32.8	52.6

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
152	1-Jun	18.9	19.5	22.4	23.6	24.1	127	142	378	554	672	60.5	68.9	81.4	92.0	100.8	5.38	6.13	7.28	7.99	8.83	7.16	7.20	7.32	7.62	7.91	264	303	354	400	468	4.3	6.7	19.9	37.2	59.1
153	2-Jun	19.1	19.7	21.9	23.2	24.3	124	144	339	509	593	60.5	71.1	79.4	88.7	97.3	5.17	6.13	7.05	7.64	8.37	7.15	7.20	7.34	7.52	7.78	178	308	374	393	422	3.9	5.6	23.4	49.6	196.0
154	3-Jun	19.5	20.1	22.0	23.7	24.5	127	141	327	445	556	64.1	71.1	79.9	87.3	95.5	5.58	6.14	7.03	7.59	8.26	7.13	7.15	7.34	7.54	7.70	189	253	372	397	409	4.1	5.9	28.9	52.0	196.0
155	4-Jun	19.4	20.0	22.0	23.5	24.2	133	142	316	436	593	63.0	68.7	78.3	87.0	92.8	5.41	6.03	6.88	7.58	8.16	7.00	7.10	7.28	7.62	7.84	236	267	342	398	404	4.0	5.1	26.3	43.0	55.8
156	5-Jun	19.0	19.9	22.0	23.4	24.1	135	146	245	426	728	47.2	64.8	78.1	89.4	107.2	3.96	5.58	6.99	7.82	9.10	6.98	7.06	7.20	7.66	7.84	242	252	305	400	415	3.4	4.7	23.5	45.7	59.4
157	6-Jun	19.1	20.0	21.9	23.1	23.6	137	143	229	410	520	53.1	64.2	77.4	87.7	102.3	4.52	5.62	6.85	7.59	8.99	7.04	7.07	7.21	7.67	7.88	274	278	343	402	413	3.2	4.5	22.7	46.7	62.8
158	7-Jun	18.9	19.7	21.9	22.8	23.1	137	142	235	431	518	53.3	59.8	76.4	94.2	110.9	4.55	5.24	6.68	8.26	9.88	7.01	7.04	7.22	7.82	8.21	277	295	356	405	412	2.9	3.6	23.9	42.4	57.4
159	8-Jun	18.6	19.8	21.7	22.5	22.8	139	145	253	416	502	54.8	58.7	77.3	93.5	100.8	4.88	5.16	6.74	8.28	8.93	6.98	7.01	7.28	7.85	7.99	277	297	371	406	416	2.8	3.7	27.4	42.8	56.5
160	9-Jun	18.3	19.7	21.4	22.4	22.8	146	147	242	418	478	46.5	57.0	80.9	90.2	92.2	4.08	5.07	7.20	7.99	8.22	6.89	6.98	7.47	7.67	7.79	264	266	377	412	430	2.6	3.1	29.7	41.9	52.5
161	10-Jun	18.4	19.7	21.5	22.6	22.9	146	148	196	435	499	41.9	50.0	80.1	92.8	98.7	3.71	4.42	7.04	8.34	8.80	6.88	6.92	7.37	7.75	7.95	264	270	379	431	533	2.5	3.1	26.0	51.4	196.0
162	11-Jun	19.1	20.1	21.3	22.3	22.6	139	144	202	413	597	47.1	55.0	81.5	96.6	99.8	4.19	4.90	7.07	8.60	8.93	6.90	6.94	7.31	7.78	8.09	253	265	376	439	546	2.7	3.7	23.1	57.2	196.0
163	12-Jun	19.6	20.2	21.0	22.0	22.4	133	137	224	373	522	51.3	58.3	81.0	94.3	98.8	4.59	5.26	7.17	8.35	8.80	6.93	6.97	7.32	7.68	7.74	253	261	393	433	465	3.2	4.0	27.7	56.4	110.8
164	13-Jun	19.8	20.3	21.3	22.1	22.5	132	152	227	366	505	54.2	66.9	80.1	93.8	96.6	4.89	5.94	7.02	8.21	8.52	6.91	7.09	7.33	7.62	7.72	257	263	390	464	490	3.9	11.0	26.9	45.6	60.8
165	14-Jun	19.5	20.4	21.6	22.3	23.0	133	140	233	369	486	49.4	63.0	80.2	93.1	97.0	4.48	5.80	7.02	8.14	8.48	6.80	6.93	7.38	7.67	7.75	262	265	369	412	478	4.4	5.7	25.3	56.4	196.0
166	15-Jun	19.7	20.2	21.8	23.4	23.9	138	144	229	339	478	40.3	47.0	79.0	91.7	96.3	3.68	4.29	6.86	7.92	8.51	6.77	7.21	7.38	7.69	7.79	273	289	381	467	494	4.2	5.1	26.4	49.4	83.0
167	16-Jun	19.3	20.0	22.2	24.2	24.7	140	144	264	334	455	40.7	46.5	78.2	90.2	96.1	3.64	4.17	6.74	7.95	8.36	6.78	7.21	7.42	7.63	7.74	253	303	383	468	537	4.7	5.5	27.8	46.5	69.4
168	17-Jun	19.2	20.4	22.6	24.7	25.0	140	144	254	343	449	43.4	49.4	83.0	91.6	95.6	3.86	4.36	7.05	8.14	8.55	6.95	7.21	7.46	7.71	7.88	245	249	377	549	565	5.0	5.7	24.8	52.0	82.5
169	18-Jun	18.4	21.2	22.4	24.7	25.0	145	149	263	352	468	46.8	52.9	82.5	92.1	97.2	4.12	4.64	6.94	8.26	8.62	6.76	7.18	7.40	7.75	7.85	245	251	376	472	530	5.1	5.7	23.6	48.0	62.2
170	19-Jun	18.5	21.0	22.4	24.6	25.2	146	148	268	351	484	47.6	58.4	80.7	93.1	96.5	4.24	5.09	6.80	8.19	8.78	6.77	7.21	7.40	7.75	7.83	249	255	401	550	565	5.2	5.7	24.8	48.5	59.6
171	20-Jun	19.1	21.3	22.9	24.9	25.6	146	155	285	348	508	49.9	65.2	81.6	94.1	97.9	4.39	5.44	6.89	8.27	8.80	6.77	7.30	7.54	7.74	7.79	258	266	405	477	572	4.2	6.8	26.2	47.5	70.0
172	21-Jun	19.5	21.3	22.2	25.2	25.9	155	166	288	341	501	42.5	59.8	83.8	97.0	100.4	3.66	5.03	7.10	8.65	8.95	6.79	7.32	7.58	7.79	7.86	253	266	411	444	567	4.2	5.1	26.8	58.8	196.0
173	22-Jun	19.8	21.1	22.2	25.6	26.1	158	168	290	343	522	52.8	65.8	81.8	97.0	102.4	4.58	5.62	6.80	8.59	9.28	6.82	7.29	7.46	7.81	7.91	269	275	417	456	477	4.9	6.7	26.5	61.0	196.0
174	23-Jun	20.1	21.2	22.4	25.2	25.7	163	169	289	350	481	61.6	69.5	81.0	96.4	104.4	5.25	6.06	6.70	8.43	9.43	6.84	7.30	7.46	7.79	7.84	270	275	412	474	487	6.4	10.7	25.8	54.2	114.4
175	24-Jun	20.5	21.7	22.6	24.4	24.7	153	159	287	353	459	63.2	69.6	79.7	91.4	104.4	5.52	5.91	6.72	7.89	9.39	6.83	7.03	7.50	7.82	7.87	271	278	407	455	472	6.5	7.7	27.0	51.1	80.6
176	25-Jun	20.8	22.1	22.8	23.9	24.7	141	149	275	340	471	64.3	68.9	76.5	90.1	101.9	5.42	5.95	6.53	7.68	9.15	6.82	6.91	7.43	7.72	7.82	275	281	417	456	510	7.5	8.7	23.9	47.1	78.8
177	26-Jun	20.9	22.3	23.2	24.2	24.8	136	145	267	342	440	66.8	69.5	80.9	89.8	98.1	5.62	5.93	6.92	7.65	8.89	6.89	7.00	7.40	7.70	7.80	274	282	419	479	571	7.8	8.6	23.0	34.3	43.3
178	27-Jun	20.6	21.9	23.5	24.5	24.8	132	141	264	342	434	66.8	71.2	79.3	89.5	100.5	5.60	6.03	6.77	7.73	9.01	6.88	6.97	7.45	7.78	7.87	281	286	405	482	558	7.0	7.9	25.0	36.0	42.5
179	28-Jun	20.6	21.6	23.4	24.5	25.1	126	140	265	357	410	69.0	71.2	79.4	91.1	100.4	5.76	6.01	6.71	7.81	8.92	6.92	7.03	7.56	7.85	7.91	290	297	412	490	568	6.7	7.5	25.1	35.2	40.3
180	29-Jun	21.3	22.3	23.7	24.8	25.3	131	138	265	354	384	66.4	72.1	81.4	91.0	105.6	5.53	6.01	6.84	7.76	9.17	6.90	6.96	7.47	7.84	7.89	238	308	364	489	572	6.8	9.1	25.1	37.1	46.3
181	30-Jun	21.9	22.5	24.1	24.9	25.2	131	133	256	334	387	68.9	71.8	82.1	94.8	102.6	5.94	6.19	6.86	8.03	8.92	6.87	6.90	7.32	7.80	7.86	233	237	363	445	475	7.2	7.6	25.3	36.2	44.8

Day of Year	Date_text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
182	1-Jul	21.9	22.9	24.3	25.0	25.6	132	141	249	309	343	66.9	68.8	83.3	93.1	104.8	5.76	5.91	6.89	7.86	8.97	6.86	6.88	7.48	7.68	7.89	232	235	408	458	474	6.5	7.7	19.9	35.3	44.5
183	2-Jul	22.4	23.1	24.2	25.5	25.7	146	158	245	300	321	62.4	66.6	84.8	93.4	107.2	5.39	5.70	6.98	7.73	9.22	6.83	6.85	7.35	7.55	7.68	262	289	438	467	515	8.1	9.9	20.3	33.9	52.4
184	3-Jul	22.3	23.2	24.4	25.5	26.2	164	173	243	302	356	58.8	67.0	85.8	94.0	107.0	5.09	5.57	7.05	7.89	9.06	6.81	6.87	7.46	7.56	7.68	296	303	461	520	542	7.6	11.4	19.7	38.7	48.6
185	4-Jul	22.7	23.2	24.3	26.0	26.3	173	187	240	292	342	56.0	71.9	85.8	91.4	106.2	4.77	5.98	7.01	7.59	9.03	6.82	6.89	7.43	7.61	7.69	324	332	467	511	538	7.4	13.2	21.4	41.7	60.6
186	5-Jul	22.0	22.9	24.0	25.8	26.3	167	174	238	282	348	63.7	72.7	82.7	89.4	102.5	5.45	6.17	6.85	7.49	8.86	6.87	6.93	7.41	7.58	7.64	341	349	472	528	543	7.8	11.9	23.4	42.4	64.8
187	6-Jul	21.5	22.4	23.9	25.7	26.1	166	170	235	278	354	65.1	72.5	82.5	91.3	102.8	5.55	6.18	6.83	7.75	9.05	6.90	6.96	7.46	7.62	7.66	365	371	475	535	558	7.4	15.2	23.4	42.6	61.6
188	7-Jul	21.6	22.6	23.9	25.8	26.3	161	167	235	276	311	62.3	73.2	82.1	91.8	100.2	5.22	6.25	6.82	7.77	8.84	6.82	6.92	7.49	7.66	7.72	236	387	461	551	569	9.4	13.3	23.0	39.2	51.8
189	8-Jul	21.3	22.8	24.1	25.8	26.3	161	175	226	287	342	62.1	69.7	80.0	90.1	98.7	5.11	5.91	6.64	7.66	8.73	6.80	6.87	7.46	7.68	7.74	228	237	454	498	502	8.9	11.0	21.5	40.7	58.7
190	9-Jul	21.6	23.5	24.7	25.6	25.8	162	172	216	288	343	64.6	70.9	79.8	94.2	101.9	5.34	5.91	6.59	7.91	8.95	6.81	6.86	7.40	7.66	7.73	284	301	472	507	510	10.0	11.4	19.8	34.2	51.6
191	10-Jul	21.5	23.6	24.8	25.5	26.0	162	173	215	309	346	72.2	77.2	84.1	93.6	101.4	5.91	6.36	6.91	7.82	8.91	6.88	6.95	7.43	7.58	7.69	317	321	483	523	530	10.5	11.6	19.1	32.1	41.4
192	11-Jul	22.1	23.3	24.4	25.6	26.3	158	172	214	318	358	72.2	76.9	85.5	94.3	101.0	6.11	6.38	7.19	7.87	8.66	6.93	7.03	7.43	7.60	7.71	326	330	482	540	544	10.3	12.7	17.3	31.8	43.8
193	12-Jul	22.8	23.5	24.3	25.9	26.4	154	169	235	308	370	68.5	76.9	83.9	92.2	95.3	5.77	6.36	6.98	7.76	7.96	7.02	7.23	7.41	7.63	7.84	323	330	442	557	565	7.4	11.6	17.2	31.9	43.8
194	13-Jul	23.4	23.7	24.4	25.8	26.4	153	186	234	311	358	59.8	73.1	82.3	91.2	94.2	5.03	6.04	6.90	7.69	7.92	6.93	7.19	7.42	7.80	7.96	315	321	444	498	572	6.1	9.3	18.3	30.4	40.1
195	14-Jul	23.1	23.4	24.8	25.7	26.1	152	210	231	311	350	53.6	65.1	78.6	90.6	92.8	4.41	5.33	6.43	7.65	7.87	6.89	7.02	7.49	7.83	7.97	308	316	433	506	572	4.8	7.8	16.8	34.1	43.3
196	15-Jul	22.8	23.3	24.8	25.7	26.4	138	144	225	309	338	61.9	68.2	78.6	87.6	91.9	5.12	5.61	6.50	7.42	7.82	6.86	6.92	7.44	7.81	7.97	298	309	444	500	508	5.1	7.5	15.9	34.6	43.5
197	16-Jul	22.5	22.8	24.8	25.9	26.5	139	168	231	322	376	56.1	67.8	80.3	86.2	99.2	4.55	5.57	6.70	7.34	8.57	6.89	7.10	7.41	7.80	7.94	295	300	469	503	525	5.6	8.8	16.0	27.1	41.5
198	17-Jul	22.0	22.7	25.0	26.1	26.5	144	164	235	323	387	63.7	69.5	80.9	91.2	95.7	5.13	5.72	6.69	7.85	8.29	6.93	7.04	7.40	7.83	7.96	321	334	482	540	550	6.4	9.0	17.0	27.5	32.7
199	18-Jul	22.2	22.8	24.9	26.2	26.6	144	156	245	329	412	71.5	75.7	83.1	91.5	93.6	5.78	6.24	6.87	7.78	7.93	6.94	7.13	7.46	7.97	8.04	326	341	484	524	540	7.2	9.7	17.1	26.9	33.7
200	19-Jul	22.5	23.0	25.5	26.4	26.6	146	183	246	320	472	61.9	71.0	83.4	90.1	93.1	4.98	5.78	6.88	7.63	7.91	6.85	6.89	7.49	7.95	8.07	255	352	476	531	539	3.8	6.1	17.7	29.9	39.2
201	20-Jul	22.7	22.9	25.8	26.6	26.9	149	188	244	310	364	49.0	65.3	83.6	89.4	92.4	3.92	5.35	6.81	7.62	7.87	6.85	7.18	7.45	7.89	8.17	233	239	478	534	553	4.5	5.4	16.5	27.0	39.5
202	21-Jul	22.6	22.9	25.6	26.7	27.4	148	202	244	314	462	52.6	59.0	82.2	88.6	92.3	4.19	4.67	6.72	7.50	7.72	6.77	7.13	7.47	8.13	8.19	229	238	487	541	552	4.1	5.4	17.4	26.8	41.7
203	22-Jul	23.0	23.3	24.9	27.5	28.0	193	230	273	331	432	40.3	62.5	80.5	84.9	87.8	3.26	4.93	6.66	7.17	7.45	6.77	6.84	7.48	8.03	8.14	235	262	444	551	570	5.1	7.3	15.0	28.9	39.1
204	23-Jul	22.9	23.6	24.7	27.7	28.2	195	210	266	342	415	43.6	57.3	78.8	83.8	87.5	3.55	4.51	6.59	7.09	7.41	6.78	6.86	7.46	7.85	8.07	258	379	448	505	560	6.5	8.4	16.4	25.4	37.4
205	24-Jul	23.3	23.8	24.8	28.0	28.4	196	214	288	352	413	42.4	62.1	78.8	90.0	94.1	3.47	4.88	6.62	7.46	7.85	6.76	6.95	7.59	7.75	7.87	254	393	498	516	565	5.7	7.7	16.3	26.1	37.0
206	25-Jul	23.2	23.9	24.9	28.2	28.7	186	200	246	345	412	43.0	63.4	77.7	87.2	90.6	3.40	4.96	6.45	7.25	7.55	6.76	7.32	7.51	7.64	7.71	247	331	507	541	565	5.5	8.7	18.7	28.3	34.5
207	26-Jul	23.2	24.0	24.9	28.0	28.8	176	192	253	364	422	53.9	66.7	81.5	91.1	93.8	4.26	5.21	6.85	7.57	7.77	6.93	7.40	7.56	7.78	7.87	289	322	491	528	559	5.0	7.5	19.4	32.4	37.5
208	27-Jul	23.7	24.1	25.1	27.4	28.4	183	201	255	368	416	55.8	66.5	81.7	91.3	95.2	4.38	5.28	6.87	7.62	7.90	7.06	7.16	7.58	7.80	7.88	303	322	413	506	557	4.9	6.6	19.4	36.4	47.6
209	28-Jul	23.4	23.9	24.9	26.8	27.7	183	210	308	400	437	62.2	66.9	81.3	92.9	96.4	5.04	5.43	6.82	7.77	7.96	7.18	7.33	7.59	7.82	7.93	300	316	392	494	565	5.9	7.3	19.9	36.0	47.9
210	29-Jul	23.5	23.8	24.8	26.2	27.0	211	230	294	379	443	57.8	60.9	82.0	94.2	97.8	4.67	4.94	6.80	7.90	8.24	7.10	7.33	7.59	7.87	8.31	234	316	381	513	560	5.4	7.3	17.1	33.7	42.5
211	30-Jul	22.9	23.3	24.9	25.6	26.3	215	231	283	401	452	53.5	58.3	84.6	94.6	97.2	4.34	4.78	7.02	8.04	8.30	7.12	7.23	7.53	8.06	8.12	263	279	389	533	572	5.0	7.0	15.5	37.5	50.4
212	31-Jul	22.8	23.3	24.7	25.5	25.9	212	230	280	389	438	51.9	58.3	80.6	94.1	96.5	4.25	4.74	6.68	7.93	8.19	7.30	7.36	7.50	7.94	8.03	320	329	398	541	572	4.8	8.4	14.7	34.3	47.5

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
213	1-Aug	23.2	23.7	24.5	25.5	26.0	218	232	284	407	440	51.2	57.5	83.0	93.0	96.5	4.19	4.79	6.93	7.79	8.14	7.16	7.28	7.47	7.98	8.09	311	376	407	462	470	3.0	5.7	15.6	31.4	38.7
214	2-Aug	23.3	23.5	24.3	25.8	26.3	223	230	292	412	465	48.5	56.9	85.7	94.5	98.9	3.96	4.64	7.25	7.90	8.12	7.12	7.23	7.53	8.14	8.23	307	321	420	459	556	2.1	5.9	19.8	37.2	46.2
215	3-Aug	23.3	23.5	24.3	25.9	26.6	222	233	298	410	451	45.4	66.1	85.9	94.3	97.7	3.71	5.43	7.19	7.87	8.14	7.19	7.38	7.59	8.16	8.26	247	310	445	553	570	3.7	7.5	16.6	37.0	46.6
216	4-Aug	23.0	23.3	24.2	26.0	26.5	217	231	301	404	449	62.3	76.1	85.5	91.9	95.7	5.18	6.32	7.14	7.71	8.00	7.15	7.40	7.69	8.14	8.26	238	242	441	550	568	3.4	6.1	17.7	36.9	48.8
217	5-Aug	22.8	23.5	24.2	25.9	26.2	203	227	291	397	446	64.7	70.9	80.7	90.4	95.0	5.36	5.92	6.74	7.47	7.88	7.20	7.35	7.64	8.12	8.20	235	241	429	558	568	5.0	7.0	19.5	41.7	51.5
218	6-Aug	22.4	23.1	23.9	25.5	25.9	206	226	299	396	426	71.1	74.7	83.0	90.5	93.2	6.03	6.32	6.91	7.59	7.97	7.31	7.38	7.61	7.84	8.07	183	242	422	476	560	5.8	10.4	22.5	54.1	196.0
219	7-Aug	22.5	23.1	23.9	25.2	25.8	200	224	288	401	427	64.6	71.7	81.7	89.9	94.7	5.49	6.03	6.82	7.57	8.08	7.29	7.42	7.72	7.96	8.06	162	193	428	559	572	5.1	9.5	18.8	48.2	196.0
220	8-Aug	22.8	23.4	24.2	25.2	25.8	201	237	294	383	418	62.2	68.8	80.4	88.9	94.9	5.20	5.80	6.70	7.53	8.05	7.19	7.30	7.66	8.05	8.20	211	219	431	483	563	4.1	9.1	18.7	41.8	54.7
221	9-Aug	23.3	23.7	24.5	25.3	25.9	196	239	293	396	433	56.4	63.1	79.1	89.4	94.3	4.68	5.28	6.53	7.47	7.94	7.20	7.37	7.69	8.13	8.18	230	240	448	551	571	4.8	7.8	16.5	38.1	55.9
222	10-Aug	23.5	23.8	24.6	25.1	25.8	191	237	280	409	449	55.6	66.9	79.2	91.0	94.3	4.61	5.65	6.61	7.54	7.83	7.24	7.36	7.65	8.13	8.20	233	251	441	553	566	6.2	8.6	17.1	38.2	52.2
223	11-Aug	23.4	23.9	24.4	25.0	25.3	188	243	291	420	450	53.0	58.5	75.5	89.4	93.3	4.43	4.86	6.32	7.45	7.77	7.20	7.40	7.72	8.17	8.24	238	261	450	552	569	6.8	9.7	18.2	44.1	55.1
224	12-Aug	23.5	23.9	24.5	25.2	25.7	191	242	285	401	463	53.4	57.8	73.2	89.1	95.5	4.44	4.84	6.15	7.38	7.86	7.11	7.28	7.65	8.15	8.21	245	273	333	478	573	5.3	6.6	16.6	42.1	54.4
225	13-Aug	23.3	23.7	24.4	25.0	25.3	186	239	292	403	482	50.6	54.7	71.9	91.6	96.6	4.20	4.55	6.05	7.63	8.00	7.08	7.27	7.71	8.17	8.21	262	291	346	476	562	4.0	6.6	16.2	32.7	57.4
226	14-Aug	23.4	23.7	24.4	25.0	25.2	240	254	283	450	486	50.0	54.0	69.2	90.9	94.4	4.15	4.54	5.80	7.56	7.86	7.07	7.20	7.81	8.16	8.20	325	339	432	485	566	3.6	5.0	13.5	49.6	62.4
227	15-Aug	23.1	23.4	24.3	24.8	25.0	238	251	303	478	503	51.7	56.7	79.6	90.4	92.8	4.29	4.70	6.63	7.55	7.75	7.21	7.32	7.63	8.10	8.18	254	344	434	490	560	4.3	5.6	12.8	26.2	61.8
228	16-Aug	23.1	23.4	24.1	24.6	24.9	236	265	315	484	525	50.8	55.6	80.3	90.1	93.2	4.25	4.68	6.73	7.54	7.84	7.16	7.37	7.62	8.09	8.18	234	252	445	486	562	2.9	4.3	13.7	21.4	33.5
229	17-Aug	23.3	23.6	24.2	24.6	25.0	233	263	294	480	528	51.5	57.1	85.9	93.1	96.5	4.37	4.86	7.20	7.80	8.01	7.11	7.21	7.65	8.00	8.13	255	271	443	484	565	2.6	3.5	12.0	24.1	35.4
230	18-Aug	23.2	23.6	24.1	24.6	25.0	233	268	309	482	537	57.8	69.0	87.4	92.1	95.2	4.90	5.83	7.33	7.68	7.91	7.12	7.29	7.64	7.88	7.96	270	276	437	493	497	4.0	5.3	12.3	25.9	48.8
231	19-Aug	22.8	23.1	24.0	24.5	24.9	233	269	306	492	534	55.6	65.2	86.4	92.0	95.3	4.70	5.55	7.26	7.69	8.35	7.09	7.22	7.51	7.75	7.90	271	275	384	494	503	3.1	4.8	13.2	26.7	45.3
232	20-Aug	22.6	23.1	23.7	24.5	25.1	234	266	336	509	542	59.5	69.1	86.5	91.4	93.8	5.05	5.91	7.29	7.78	8.12	7.17	7.26	7.55	7.75	7.96	283	306	407	499	552	4.2	5.9	12.6	23.1	37.4
233	21-Aug	22.6	22.9	23.3	24.6	25.1	238	269	332	492	515	57.1	66.3	85.3	89.4	91.4	4.84	5.63	7.29	7.60	7.94	7.17	7.27	7.61	7.77	8.00	301	343	440	533	559	3.9	6.7	12.5	21.1	29.9
234	22-Aug	22.5	22.7	23.3	24.4	24.7	240	261	316	482	531	50.8	67.4	83.4	89.1	93.1	4.33	5.68	7.15	7.65	8.04	7.10	7.28	7.64	7.86	8.15	295	316	457	538	569	2.5	4.9	12.2	23.9	30.6
235	23-Aug	22.2	22.6	23.5	24.2	24.6	246	279	376	497	521	79.5	81.7	85.8	91.3	95.1	6.71	6.90	7.25	7.92	8.24	7.39	7.46	7.84	8.07	8.22	289	294	441	542	563	5.9	11.0	16.0	24.1	28.8
236	24-Aug	22.2	23.0	23.6	24.2	24.4	253	264	351	489	527	71.0	78.3	85.7	92.2	94.9	6.01	6.65	7.21	7.93	8.20	7.03	7.42	7.81	8.04	8.15	245	292	429	551	565	3.9	9.2	14.8	21.7	29.2
237	25-Aug	22.4	23.0	23.5	24.1	24.3	257	269	337	481	514	72.7	77.0	85.7	92.0	94.5	6.19	6.57	7.26	7.88	8.14	7.10	7.22	7.70	8.04	8.13	242	244	365	555	567	3.1	5.9	13.6	22.2	196.0
238	26-Aug	22.7	23.0	23.7	24.2	24.4	261	278	345	495	533	75.1	78.1	86.4	92.0	98.1	6.39	6.59	7.39	7.87	8.24	7.12	7.22	7.61	7.92	8.20	245	254	351	446	460	4.8	7.6	15.5	26.6	196.0
239	27-Aug	22.9	23.1	23.6	24.2	24.5	268	286	339	485	548	64.4	73.3	87.6	94.4	101.5	5.43	6.16	7.52	7.98	8.55	6.99	7.13	7.54	7.94	8.25	255	259	360	476	545	3.7	6.4	14.6	33.7	196.0
240	28-Aug	23.0	23.3	23.7	24.4	24.8	274	294	341	484	508	57.8	71.1	88.9	94.3	100.0	4.90	6.08	7.57	7.89	8.40	6.93	7.07	7.46	7.90	8.31	259	265	381	545	563	2.6	4.7	13.7	36.4	192.8
241	29-Aug	23.0	23.3	23.7	24.2	24.5	277	279	340	479	509	62.2	73.7	88.4	95.0	105.9	5.30	6.33	7.55	7.97	8.91	7.00	7.15	7.65	7.99	8.28	267	273	395	520	547	2.1	3.2	13.0	31.0	44.6
242	30-Aug	22.8	23.1	23.6	24.0	24.3	276	283	339	477	505	52.1	64.4	90.3	96.5	105.0	4.43	5.50	7.68	8.19	9.00	6.92	7.05	7.62	8.10	8.33	277	292	401	523	550	1.7	3.4	13.6	31.1	49.7
243	31-Aug	22.1	22.4	23.6	24.2	24.6	278	288	339	484	503	59.4	73.1	90.6	96.4	101.5	5.03	6.23	7.73	8.13	8.71	6.99	7.13	7.76	8.04	8.21	300	315	415	537	560	2.0	6.7	13.5	33.3	47.8

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
244	1-Sep	21.6	22.1	23.8	24.3	24.7	278	290	343	480	512	60.9	68.7	89.6	95.5	102.1	5.16	5.82	7.61	8.20	8.77	7.01	7.12	7.76	8.02	8.20	231	322	458	490	565	2.7	5.9	15.1	34.2	50.3
245	2-Sep	21.1	21.6	23.8	24.4	24.8	261	294	354	486	528	63.1	69.2	87.9	94.8	98.5	5.37	5.94	7.44	8.17	8.72	7.04	7.20	7.72	7.96	8.14	220	223	475	490	565	4.9	6.8	15.0	37.4	55.9
246	3-Sep	20.8	21.1	23.7	24.4	24.8	276	293	350	501	535	58.1	63.0	87.5	93.2	96.1	4.96	5.43	7.43	7.93	8.35	7.01	7.12	7.67	7.93	8.05	216	222	478	496	500	3.9	6.5	15.2	42.4	63.6
247	4-Sep	20.5	21.1	23.4	24.2	24.7	266	294	364	530	580	58.8	67.4	87.2	93.6	98.1	5.07	5.75	7.45	8.07	8.58	7.10	7.19	7.64	7.92	8.08	101	228	376	495	529	5.6	7.8	14.3	40.4	68.7
248	5-Sep	20.3	20.9	23.0	23.9	24.1	257	286	381	522	578	57.2	62.6	88.1	95.3	99.6	4.91	5.35	7.49	8.27	8.74	7.07	7.17	7.80	8.01	8.13	124	144	363	519	558	5.1	8.5	13.1	33.7	44.4
249	6-Sep	20.4	21.1	23.0	23.6	23.8	232	264	340	525	580	51.7	57.4	87.2	95.0	109.8	4.46	4.92	7.48	8.13	9.86	7.08	7.15	7.62	8.03	8.21	155	164	251	522	566	2.8	4.4	11.8	34.7	44.8
250	7-Sep	20.5	21.4	22.7	23.5	23.9	241	269	361	526	578	52.9	58.2	85.7	109.1	120.2	4.59	5.13	7.38	9.84	10.75	7.16	7.27	7.62	7.85	8.03	170	187	312	549	569	5.4	6.7	13.1	38.1	46.4
251	8-Sep	20.9	21.6	22.5	23.5	23.9	258	269	361	519	567	47.2	54.6	86.0	110.6	126.1	4.08	4.79	7.36	9.92	11.12	7.05	7.20	7.65	7.86	7.98	200	208	331	506	567	2.9	5.3	12.6	36.8	51.2
252	9-Sep	21.3	21.9	22.5	23.2	23.6	271	280	352	531	561	46.6	52.7	86.9	107.8	128.8	4.01	4.57	7.46	9.46	11.38	7.04	7.16	7.73	7.96	8.03	220	279	338	558	571	4.0	5.8	12.2	33.7	41.7
253	10-Sep	21.2	21.9	22.3	22.9	23.3	282	293	389	545	585	67.1	78.3	89.5	118.7	132.1	5.81	6.79	7.78	10.55	11.57	7.40	7.50	7.72	7.88	8.02	105	118	349	506	561	3.6	6.0	12.5	38.7	43.7
254	11-Sep	21.5	21.7	22.4	22.9	23.1	282	287	392	569	600	69.2	77.7	91.8	121.8	132.9	5.94	6.74	7.89	10.73	11.61	7.32	7.46	7.74	7.93	8.02	132	166	362	553	561	3.2	5.2	16.6	45.7	55.5
255	12-Sep	21.3	21.8	22.4	22.9	23.2	283	292	393	580	613	72.6	80.2	90.8	120.4	137.8	6.22	6.94	7.93	10.57	11.99	7.34	7.43	7.73	8.05	8.32	168	186	342	543	565	3.6	5.9	14.5	44.9	58.1
256	13-Sep	21.1	21.6	22.1	23.1	23.2	278	290	387	496	643	74.9	81.4	89.9	125.8	134.3	6.39	7.09	7.80	10.99	11.74	7.34	7.42	7.68	8.02	8.26	182	198	315	399	561	4.0	5.4	12.6	39.6	51.4
257	14-Sep	20.5	21.2	22.1	23.1	23.5	261	293	330	426	484	73.6	76.9	87.1	123.1	133.9	6.32	6.74	7.58	10.81	11.62	7.26	7.30	7.65	7.83	8.08	197	217	289	347	404	3.0	4.2	8.7	34.2	45.1
258	15-Sep	20.5	21.0	22.1	23.0	23.3	270	295	350	443	511	59.2	71.9	84.9	117.1	133.2	5.05	6.31	7.52	10.22	11.60	7.17	7.22	7.65	7.83	8.19	212	240	289	330	354	2.6	3.6	10.6	34.3	46.0
259	16-Sep	20.5	21.0	21.6	22.5	22.7	258	297	325	475	533	53.5	56.5	86.5	116.7	130.7	4.63	4.86	7.65	10.24	11.37	7.14	7.18	7.72	7.97	8.18	167	240	273	329	340	2.3	2.7	7.8	34.8	47.7
260	17-Sep	20.4	20.8	21.8	22.1	22.4	270	288	313	507	551	48.4	59.2	83.7	109.3	118.6	4.24	5.15	7.31	9.57	10.37	7.10	7.12	7.74	7.99	8.05	166	186	254	345	353	1.9	2.3	8.2	35.8	43.2
261	18-Sep	20.5	20.8	21.8	22.4	22.8	263	278	334	525	579	60.7	73.7	87.7	105.2	109.4	5.34	6.57	7.62	9.21	9.52	7.06	7.15	7.68	7.96	8.05	209	224	257	369	499	1.8	2.5	8.7	22.9	39.8
262	19-Sep	20.5	21.0	22.1	22.7	23.2	274	283	386	528	562	64.9	72.8	88.3	101.6	106.9	5.68	6.49	7.66	8.87	9.39	7.09	7.14	7.66	7.97	8.06	235	240	281	505	531	1.6	2.5	8.7	20.7	35.1
263	20-Sep	20.0	20.7	22.4	22.9	23.5	278	297	366	536	560	70.2	75.7	88.1	98.9	101.4	6.17	6.68	7.63	8.56	8.91	7.13	7.19	7.59	7.92	8.06	230	241	377	539	552	2.4	3.4	8.4	24.2	36.1
264	21-Sep	19.9	20.6	22.3	23.3	23.9	283	306	391	541	566	76.5	79.4	87.4	95.6	97.9	6.81	7.03	7.54	8.14	8.60	7.19	7.23	7.43	7.88	8.02	224	227	389	549	572	2.9	4.6	12.0	30.8	40.6
265	22-Sep	19.9	20.7	22.5	23.2	23.3	282	307	367	545	568	64.5	74.5	86.3	95.1	98.1	5.84	6.57	7.50	8.15	8.50	7.04	7.16	7.39	7.84	7.95	225	229	295	450	563	2.7	4.0	11.6	27.1	36.2
266	23-Sep	20.1	20.6	22.0	23.2	23.4	291	303	384	550	571	74.9	80.7	88.8	95.6	99.7	6.77	7.00	7.73	8.35	8.83	7.11	7.17	7.58	7.79	7.91	183	227	304	455	458	2.9	4.1	11.9	27.5	53.2
267	24-Sep	20.0	20.3	21.7	23.1	23.3	282	301	390	562	615	75.0	78.9	88.9	94.6	100.3	6.76	7.05	7.74	8.29	9.00	7.11	7.14	7.45	7.84	7.96	175	190	407	463	552	2.2	3.1	8.2	24.3	49.9
268	25-Sep	20.1	20.4	21.5	23.0	23.3	278	286	385	588	626	73.0	78.4	89.4	93.4	98.7	6.60	7.04	7.82	8.24	8.89	7.10	7.13	7.37	7.91	7.99	223	225	412	463	466	2.1	3.2	11.7	36.9	92.3
269	26-Sep	19.9	20.4	21.4	22.9	23.1	278	283	379	592	617	68.4	73.5	88.4	93.2	100.3	6.19	6.61	7.75	8.18	8.97	7.06	7.09	7.42	7.91	7.98	225	229	281	420	450	0.1	2.0	10.6	33.7	48.3
270	27-Sep	19.6	20.0	21.1	22.4	22.7	274	278	389	594	624	64.4	71.2	87.7	92.7	101.3	5.90	6.44	7.72	8.28	9.13	7.04	7.08	7.50	7.94	8.00	227	232	390	408	570	0.1	1.9	9.8	25.1	49.3
271	28-Sep	18.7	19.3	20.8	22.1	22.4	269	272	390	562	610	66.3	73.5	86.9	92.9	101.4	6.16	6.78	7.70	8.34	9.07	7.09	7.13	7.54	7.91	7.94	234	238	306	417	422	0.1	1.8	12.0	25.4	107.8
272	29-Sep	18.3	19.0	20.8	21.4	21.6	267	269	359	546	601	66.5	72.4	88.8	99.3	103.5	6.23	6.72	7.88	8.87	9.21	7.09	7.11	7.49	7.90	7.99	238	240	372	441	446	1.5	2.4	14.2	27.2	86.3
273	30-Sep	18.1	18.8	21.0	21.4	21.8	266	268	363	532	585	69.9	76.9	87.4	99.3	104.0	6.57	7.12	7.72	8.82	9.18	7.11	7.15	7.47	7.92	7.98	220	250	383	453	457	1.7	2.8	11.8	25.9	33.5

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
274	1-Oct	18.0	18.6	21.1	21.5	21.7	262	265	415	516	568	70.2	74.5	83.0	100.9	107.0	6.30	6.83	7.59	8.99	9.52	7.14	7.16	7.46	7.69	7.78	224	227	279	460	554	1.9	2.7	7.3	27.6	44.5
275	2-Oct	18.3	20.7	21.0	21.9	22.1	263	327	443	511	531	62.7	72.4	86.3	101.5	106.3	5.62	6.49	7.66	9.08	9.49	7.18	7.23	7.57	7.69	7.74	228	231	301	429	460	1.7	3.2	8.1	17.9	44.4
276	3-Oct	19.2	20.3	21.0	21.9	22.1	318	338	476	525	545	67.6	72.0	88.9	100.4	105.2	6.13	6.43	7.80	9.04	9.48	7.22	7.32	7.59	7.69	7.74	237	242	324	414	432	1.4	5.6	11.5	25.6	65.3
277	4-Oct	18.6	18.9	20.8	21.7	21.9	321	358	485	530	547	61.4	74.2	89.3	98.9	106.7	5.53	6.61	8.23	9.04	9.73	7.29	7.39	7.55	7.64	7.73	246	251	331	371	378	0.5	4.9	11.9	21.3	46.5
278	5-Oct	18.9	19.2	20.7	21.3	21.9	329	372	487	531	552	62.3	72.6	88.4	96.8	103.0	5.57	6.51	8.13	8.61	9.53	7.37	7.46	7.54	7.63	7.74	157	240	299	382	396	1.2	2.6	11.0	20.5	49.2
279	6-Oct	19.0	19.3	20.5	21.3	21.7	339	371	483	534	547	58.6	71.9	85.7	93.8	97.6	5.19	6.60	7.78	8.46	8.69	7.42	7.45	7.54	7.64	7.71	159	177	271	383	392	0.9	1.8	11.3	20.2	45.4
280	7-Oct	19.2	19.5	20.8	21.3	21.4	345	362	490	537	541	67.3	74.4	83.8	94.3	96.5	6.00	6.68	7.56	8.41	8.59	7.37	7.42	7.53	7.63	7.69	161	227	276	396	403	1.4	2.6	12.3	19.9	43.8
281	8-Oct	18.7	19.0	20.5	21.0	21.1	335	359	488	532	565	78.0	79.5	83.6	95.8	98.0	6.92	7.16	7.49	8.72	8.96	7.38	7.43	7.56	7.69	7.80	239	251	267	394	409	0.9	3.2	11.1	18.1	34.6
282	9-Oct	18.7	19.3	20.4	20.8	20.9	331	348	490	523	571	77.0	79.5	84.1	93.8	97.5	7.00	7.14	7.65	8.55	8.77	7.39	7.51	7.61	7.69	7.77	260	267	308	415	523	1.8	3.1	10.8	19.0	33.6
283	10-Oct	18.9	19.4	20.1	20.4	20.6	325	359	491	541	564	77.3	78.7	86.7	93.8	96.5	6.99	7.11	7.87	8.56	8.89	7.51	7.53	7.60	7.69	7.74	266	273	362	555	564	2.5	6.2	10.8	21.5	66.5
284	11-Oct	18.9	19.2	19.7	20.0	20.1	328	356	485	534	560	75.7	78.3	84.0	95.2	97.2	6.91	7.12	7.68	8.77	8.93	7.00	7.43	7.59	7.67	7.75	274	282	376	423	514	2.3	5.2	11.3	23.2	50.6
285	12-Oct	18.8	19.0	19.5	19.8	19.9	336	366	487	533	556	75.9	78.1	83.4	89.2	93.8	6.94	7.13	7.62	8.21	8.71	6.97	7.01	7.59	7.70	7.77	164	172	295	396	426	1.4	5.1	12.2	22.0	47.0
286	13-Oct	18.4	18.6	19.3	19.6	19.8	257	330	476	537	563	73.7	78.3	82.8	86.0	92.5	6.79	7.16	7.64	7.93	8.44	7.00	7.05	7.56	7.71	7.78	184	192	292	330	401	1.2	3.2	12.7	21.3	32.1
287	14-Oct	17.6	18.4	19.3	19.6	19.7	254	262	465	532	561	74.4	77.3	82.2	87.0	98.1	6.91	7.11	7.60	8.10	9.05	7.03	7.08	7.53	7.71	7.75	194	203	259	319	334	2.1	2.5	10.6	24.9	32.4
288	15-Oct	17.3	18.1	19.1	19.4	19.5	256	261	453	519	543	73.3	76.9	81.0	89.5	96.5	6.89	7.14	7.54	8.26	8.94	7.02	7.43	7.54	7.70	7.76	202	213	255	324	338	1.7	2.2	8.9	25.4	41.2
289	16-Oct	17.0	17.8	18.7	19.1	19.5	257	259	438	503	512	72.8	76.4	83.2	90.5	94.7	6.79	7.21	7.78	8.41	8.83	7.31	7.38	7.53	7.77	7.82	214	219	232	329	348	1.0	2.0	6.9	37.5	196.0
290	17-Oct	16.7	17.7	18.6	19.2	19.6	257	259	440	495	511	73.4	76.3	82.8	89.4	93.2	6.81	7.14	7.73	8.31	8.65	7.32	7.39	7.52	7.58	7.81	210	217	245	311	346	1.2	2.0	7.3	34.1	187.7
291	18-Oct	16.6	17.2	18.6	19.3	19.7	259	261	435	497	501	74.7	77.1	82.5	90.1	96.1	6.84	7.28	7.77	8.44	8.95	7.33	7.39	7.49	7.58	7.61	224	232	263	304	319	1.2	2.0	7.1	29.7	104.6
292	19-Oct	16.6	17.4	18.7	19.5	19.7	260	264	437	485	592	67.3	73.5	83.6	90.2	95.1	6.16	6.79	7.88	8.45	8.90	7.23	7.30	7.48	7.59	7.62	234	246	276	320	508	1.8	2.5	6.3	30.0	66.0
293	20-Oct	16.6	17.7	18.6	19.6	19.8	261	266	441	573	600	62.6	74.3	83.7	88.5	91.5	5.75	6.99	7.79	8.32	8.56	7.20	7.35	7.49	7.61	7.64	226	248	299	488	520	1.4	2.1	9.0	26.6	51.6
294	21-Oct	16.7	17.5	18.6	19.4	19.8	263	270	424	568	609	70.8	80.0	85.5	88.3	94.9	6.49	7.40	8.00	8.38	8.87	7.33	7.38	7.52	7.64	7.68	236	266	324	508	547	1.7	2.2	9.9	23.9	51.8
295	22-Oct	16.8	17.3	18.2	18.8	19.7	263	324	443	586	626	63.9	74.5	84.9	89.0	94.1	5.86	7.06	8.03	8.46	9.06	7.31	7.39	7.59	7.69	7.74	199	242	335	522	544	1.1	2.2	8.9	25.5	69.2
296	23-Oct	16.2	16.8	17.7	18.8	19.5	263	339	454	555	616	67.1	74.9	85.3	89.5	91.2	6.18	6.99	8.09	8.57	8.81	7.28	7.43	7.58	7.76	7.86	225	255	355	475	566	0.9	1.5	9.0	28.6	108.9
297	24-Oct	15.6	16.8	17.5	18.7	19.4	264	343	455	554	628	68.4	76.2	85.4	90.7	94.6	6.32	7.11	8.19	8.71	9.28	7.29	7.41	7.56	7.81	7.87	273	279	330	438	498	0.9	2.0	9.3	22.6	47.4
298	25-Oct	15.6	16.4	17.3	18.3	19.3	265	363	467	554	633	67.2	76.8	83.9	90.1	94.4	6.23	7.26	8.02	8.80	9.37	7.31	7.40	7.54	7.76	7.83	281	282	332	454	543	0.7	1.7	13.0	51.6	196.0
299	26-Oct	15.5	15.8	17.0	18.2	19.2	264	361	472	554	624	69.1	73.1	82.8	87.9	92.1	6.49	6.88	7.95	8.53	9.15	7.25	7.41	7.53	7.74	7.83	163	179	331	482	553	0.8	1.2	14.9	149.5	196.0
300	27-Oct	15.3	15.6	16.9	18.1	19.3	263	365	486	553	623	66.1	71.8	82.2	86.8	92.2	6.32	6.73	7.88	8.48	9.20	7.23	7.45	7.52	7.70	7.82	197	211	336	343	559	0.6	1.7	15.1	196.0	196.0
301	28-Oct	15.0	15.6	16.9	18.0	19.4	263	370	466	582	631	64.7	68.7	80.9	88.0	89.8	6.16	6.46	7.79	8.63	8.92	7.22	7.43	7.54	7.66	7.83	222	231	328	347	350	0.6	2.5	14.5	196.0	196.0
302	29-Oct	14.9	15.4	16.7	18.0	19.2	265	348	454	547	636	59.1	63.3	80.1	88.2	90.1	5.74	6.01	7.91	8.67	8.93	7.20	7.38	7.48	7.65	7.82	154	230	254	349	351	0.5	3.1	12.2	196.0	196.0
303	30-Oct	14.6	15.2	16.4	17.9	18.2	266	344	449	543	603	60.3	67.5	84.1	88.5	90.1	5.83	6.50	8.24	8.67	8.94	7.23	7.37	7.46	7.59	7.65	145	225	336	347	349	0.6	1.8	13.4	196.0	196.0
304	31-Oct	14.6	15.0	16.0	17.6	17.8	269	345	427	534	583	61.4	66.0	83.3	88.3	89.8	5.87	6.32	8.25	8.62	8.81	7.31	7.40	7.45	7.55	7.78	196	249	312	358	360	0.8	3.1	16.5	196.0	196.0

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
305	1-Nov	14.1	14.6	15.9	17.1	17.7	272	359	428	492	574	59.9	64.5	84.6	89.1	90.9	5.91	6.23	8.02	8.76	8.92	7.32	7.41	7.45	7.67	7.81	219	275	348	373	378	1.2	2.5	17.9	145.3	196.0
306	2-Nov	14.4	14.6	15.9	16.9	17.5	275	363	421	460	567	65.2	76.3	85.9	89.5	91.5	6.33	7.32	8.13	8.84	9.07	7.33	7.38	7.47	7.69	7.80	137	237	320	382	387	1.2	2.1	18.5	196.0	196.0
307	3-Nov	14.4	14.8	15.7	16.4	17.5	227	278	420	464	549	74.9	77.7	84.2	89.6	91.2	7.32	7.63	8.03	8.81	9.04	7.32	7.36	7.53	7.68	7.95	162	182	319	356	367	1.2	2.0	14.5	75.7	196.0
308	4-Nov	14.4	14.7	15.4	16.5	17.5	228	283	405	472	540	71.2	73.7	82.6	89.2	91.2	6.92	7.34	7.90	8.66	8.90	7.32	7.34	7.50	7.65	7.95	195	208	295	342	366	1.1	1.7	15.6	87.8	196.0
309	5-Nov	14.3	14.4	15.3	16.1	17.4	228	291	408	478	530	71.0	73.2	79.5	87.8	90.3	6.98	7.30	7.81	8.45	8.70	7.31	7.32	7.50	7.59	7.86	198	215	264	348	360	1.2	1.8	11.9	41.5	196.0
310	6-Nov	14.1	14.3	15.4	16.2	17.1	226	297	396	486	514	70.2	72.2	78.1	85.9	89.7	6.92	7.22	7.89	8.35	8.71	7.25	7.33	7.49	7.58	7.96	216	247	262	349	364	1.4	1.8	12.4	44.9	196.0
311	7-Nov	14.2	14.3	15.4	16.4	16.8	230	298	393	494	516	70.4	73.6	81.1	88.5	91.1	7.02	7.29	8.01	8.61	8.83	7.33	7.36	7.47	7.58	7.86	245	252	338	364	560	1.2	2.2	8.8	47.5	196.0
312	8-Nov	14.1	14.4	15.2	16.4	16.5	236	308	388	503	519	70.6	72.7	79.0	86.0	90.2	7.14	7.35	8.00	8.67	8.90	7.33	7.35	7.47	7.66	7.96	256	267	326	513	559	1.0	1.9	8.6	65.1	196.0
313	9-Nov	14.0	14.2	15.1	16.1	16.5	304	312	390	506	524	64.7	68.3	76.8	87.4	90.2	6.53	6.99	7.85	8.65	8.91	7.31	7.32	7.43	7.61	7.69	289	296	329	494	544	1.4	2.1	10.1	196.0	196.0
314	10-Nov	13.5	13.9	15.0	15.5	16.4	308	382	402	497	525	58.9	64.8	77.5	87.7	90.0	9.28	9.37	10.07	10.40	10.55	7.29	7.34	7.42	7.57	7.65	299	305	345	507	541	0.1	1.9	9.4	196.0	196.0
315	11-Nov	13.1	13.9	14.8	15.3	16.5	307	384	438	478	514	55.2	64.8	81.8	90.1	94.1	9.10	9.24	9.73	10.37	10.47	7.34	7.36	7.44	7.55	7.64	312	317	364	513	570	0.1	2.7	10.0	144.3	196.0
316	12-Nov	12.9	14.0	14.6	15.2	16.3	306	376	431	481	527	64.2	69.4	81.1	87.3	89.6	8.43	8.70	9.60	10.40	10.52	7.29	7.32	7.47	7.55	7.62	259	320	376	513	551	0.1	3.1	13.0	146.0	196.0
317	13-Nov	12.5	13.8	14.5	15.1	15.9	308	395	448	513	549	66.3	70.5	80.1	85.5	87.6	7.66	8.06	9.56	10.44	10.71	7.31	7.35	7.47	7.55	7.67	253	265	369	479	528	0.1	3.4	9.7	142.3	196.0
318	14-Nov	12.3	13.8	14.7	15.1	16.0	320	390	451	523	607	66.7	73.6	80.3	85.7	94.1	6.99	7.37	9.82	10.27	10.55	7.27	7.37	7.52	7.67	7.95	210	261	329	483	566	0.1	3.1	12.3	141.2	196.0
319	15-Nov	12.0	13.4	14.5	15.0	16.0	328	403	495	584	683	67.7	72.8	81.4	90.7	94.3	6.72	7.15	9.70	10.33	10.64	7.29	7.40	7.55	7.60	7.64	260	268	335	423	434	1.3	4.6	12.6	75.0	196.0
320	16-Nov	11.7	13.6	14.3	14.9	15.9	337	445	510	589	719	69.6	72.8	82.2	90.2	92.1	6.67	7.83	9.55	10.28	10.42	7.39	7.50	7.56	7.63	7.69	281	285	349	417	439	1.2	4.1	10.0	31.2	118.7
321	17-Nov	11.7	13.8	14.3	14.8	15.9	344	445	500	596	791	72.2	75.7	80.6	90.1	102.7	7.00	8.69	9.52	10.10	10.58	7.35	7.49	7.55	7.62	7.67	288	293	363	416	433	3.7	4.8	11.2	29.9	117.0
322	18-Nov	11.6	13.6	14.1	14.7	15.7	357	409	490	644	799	68.9	73.1	81.0	95.2	99.1	8.81	9.00	9.60	10.45	10.74	7.30	7.46	7.54	7.64	7.69	291	294	317	413	438	3.4	5.2	10.7	31.6	116.1
323	19-Nov	11.3	13.5	14.1	14.6	15.6	351	415	496	641	745	71.3	76.5	82.6	93.0	97.1	8.42	8.72	9.49	10.47	10.75	7.30	7.41	7.56	7.69	7.77	269	288	311	435	518	3.0	4.7	11.9	27.5	48.4
324	20-Nov	11.3	13.4	14.1	14.4	15.5	353	440	501	633	758	72.4	76.2	81.6	90.6	93.4	8.29	8.54	9.23	10.17	10.59	7.32	7.41	7.52	7.67	7.73	267	290	312	436	449	4.0	6.4	12.1	29.5	97.3
325	21-Nov	11.2	13.2	13.9	14.5	15.4	358	436	479	585	724	70.7	74.5	80.8	85.3	87.5	8.21	8.50	9.18	10.45	11.20	7.31	7.39	7.46	7.57	7.69	283	288	302	366	445	3.1	4.9	9.4	38.7	68.6
326	22-Nov	11.1	12.4	13.6	14.3	15.4	363	430	482	567	680	72.7	75.5	80.9	84.3	87.1	8.26	8.66	9.41	10.64	11.13	7.37	7.41	7.50	7.54	7.58	285	287	305	450	465	2.6	4.8	9.3	20.9	51.1
327	23-Nov	11.0	11.7	13.2	14.2	15.2	362	420	500	586	733	70.9	74.7	82.6	87.0	90.9	8.25	8.78	9.74	10.45	10.98	7.41	7.45	7.54	7.63	7.67	283	287	306	452	463	2.2	6.4	10.2	21.9	43.4
328	24-Nov	10.8	11.1	13.1	14.1	14.7	363	423	510	605	793	57.6	76.9	82.8	86.8	88.5	8.03	8.93	9.50	10.34	11.26	7.40	7.47	7.53	7.68	7.73	161	286	308	453	460	5.6	6.6	11.9	25.7	59.5
329	25-Nov	10.7	11.0	11.9	13.6	14.0	374	438	529	651	797	58.4	60.5	83.6	87.4	95.4	6.39	6.94	8.91	9.55	9.89	7.44	7.49	7.58	7.73	7.78	165	188	290	460	468	4.7	6.1	11.4	25.8	44.7
330	26-Nov	10.6	10.8	11.8	13.2	13.6	385	453	527	723	833	57.2	59.2	84.0	92.4	97.1	6.28	6.66	9.05	9.64	10.14	7.09	7.25	7.55	7.66	7.79	195	210	238	462	530	5.0	6.0	10.3	23.7	37.7
331	27-Nov	10.3	10.7	11.9	12.9	13.0	391	450	536	667	765	56.8	59.2	83.5	92.0	97.9	6.30	6.62	9.00	9.54	10.29	7.20	7.42	7.55	7.64	7.65	206	217	244	461	569	4.6	5.6	10.6	20.1	32.4
332	28-Nov	10.3	10.6	11.7	12.5	12.7	430	447	541	743	841	57.9	59.9	83.7	88.8	92.9	6.36	6.80	9.13	9.56	9.98	7.04	7.20	7.56	7.67	7.71	200	217	254	437	471	4.3	5.5	11.0	19.2	29.0
333	29-Nov	10.1	10.4	11.1	11.8	12.5	372	441	504	665	768	57.9	60.5	86.2	89.5	90.9	6.42	6.83	9.51	9.80	9.92	6.84	7.46	7.58	7.74	7.77	202	217	284	446	454	1.5	4.5	9.9	18.8	30.0
334	30-Nov	9.9	10.2	10.6	11.5	12.3	372	376	551	728	850	57.0	60.2	86.5	89.6	94.3	6.33	6.89	9.55	9.91	10.20	7.25	7.30	7.62	7.77	7.80	206	219	284	478	550	0.7	1.3	10.3	18.6	26.6

Day of Year	Date text	T_05 th _dyr	T_16 th _dyr	T_Median_dyr	T_84 th _dyr	T_95 th _dyr	EC_05 th _dyr	EC_16 th _dyr	EC_Median_dyr	EC_84 th _dyr	EC_95 th _dyr	DOpct_05 th _dyr	DOpct_16 th _dyr	DOpct_Median_dyr	DOpct_84 th _dyr	DOpct_95 th _dyr	DO_05 th _dyr	DO_16 th _dyr	DO_Median_dyr	DO_84 th _dyr	DO_95 th _dyr	pH_05 th _dyr	pH_16 th _dyr	pH_Median_dyr	pH_84 th _dyr	pH_95 th _dyr	Eh_05 th _dyr	Eh_16 th _dyr	Eh_Median_dyr	Eh_84 th _dyr	Eh_95 th _dyr	Turbidity_05 th _dyr	Turbidity_16 th _dyr	Turbidity_Median_dyr	Turbidity_84 th _dyr	Turbidity_95 th _dyr
335	1-Dec	9.7	10.1	10.6	11.4	12.2	372	400	544	714	842	57.3	60.3	85.8	89.4	91.4	6.29	8.96	9.53	9.95	10.16	7.28	7.29	7.58	7.84	7.87	215	251	334	470	501	0.5	2.0	8.8	15.4	23.6
336	2-Dec	9.3	9.8	10.5	11.4	12.2	401	405	505	654	829	84.1	86.1	89.3	92.5	95.3	9.36	9.57	9.94	10.22	10.47	7.37	7.42	7.58	7.93	7.96	211	271	415	491	525	1.0	1.9	8.2	18.1	28.6
337	3-Dec	9.0	9.6	10.5	11.7	12.1	441	460	536	712	757	83.9	85.2	90.2	93.3	96.0	9.39	9.61	9.92	10.22	10.63	7.46	7.52	7.59	7.86	7.92	231	273	300	454	476	2.3	4.4	8.5	22.9	31.9
338	4-Dec	9.5	10.1	10.5	11.8	12.0	427	439	547	746	862	84.6	85.6	89.0	91.8	93.4	8.97	9.50	9.80	10.06	10.22	7.43	7.46	7.60	7.84	7.91	294	295	372	472	510	2.0	3.2	11.8	24.1	41.4
339	5-Dec	9.6	10.0	10.5	11.8	11.9	406	412	521	666	782	78.4	79.9	86.0	91.4	95.8	8.87	9.09	9.63	10.10	10.63	7.29	7.40	7.58	7.85	7.90	293	294	364	546	563	1.4	1.8	10.6	32.0	55.3
340	6-Dec	9.6	9.9	10.4	11.7	11.8	403	410	529	680	711	71.2	73.6	86.8	93.2	93.8	8.00	8.44	9.62	10.48	10.58	7.17	7.30	7.48	7.84	7.87	292	293	392	565	573	1.0	1.2	9.9	32.3	43.3
341	7-Dec	9.7	9.8	10.5	11.6	11.9	398	406	522	707	751	85.8	86.1	90.3	92.5	93.4	9.28	9.37	10.07	10.40	10.55	7.15	7.27	7.46	7.82	7.86	296	296	411	453	572	1.0	1.2	9.9	30.4	53.9
342	8-Dec	9.2	9.7	10.3	11.2	11.7	402	404	494	606	742	81.6	83.4	86.0	91.6	92.5	9.10	9.24	9.73	10.37	10.47	7.17	7.28	7.38	7.79	7.83	242	267	417	443	454	0.9	1.0	7.2	25.5	49.6
343	9-Dec	9.1	9.6	10.4	10.9	11.5	400	410	501	623	752	73.6	75.9	84.5	92.3	93.2	8.43	8.70	9.60	10.40	10.52	7.17	7.30	7.36	7.81	7.86	220	237	297	439	459	0.1	0.7	2.4	21.5	39.3
344	10-Dec	9.5	10.0	10.3	10.8	11.5	402	403	523	641	750	67.5	69.8	82.6	92.4	93.2	7.66	8.06	9.56	10.44	10.71	7.17	7.26	7.36	7.56	7.96	228	239	299	432	509	0.6	0.7	2.8	21.0	102.5
345	11-Dec	9.7	10.1	10.4	11.0	11.4	401	404	511	595	740	62.1	64.6	80.9	90.8	92.1	6.99	7.37	9.82	10.27	10.55	7.15	7.25	7.33	7.95	8.02	225	238	301	532	555	0.6	0.9	2.4	25.2	95.7
346	12-Dec	9.7	10.2	10.5	10.9	11.3	400	451	509	588	735	60.1	63.3	80.5	90.5	94.8	6.72	7.15	9.70	10.33	10.64	7.24	7.27	7.32	7.60	7.92	218	231	300	460	572	0.5	0.9	6.2	17.8	31.9
347	13-Dec	9.6	10.1	10.5	11.2	11.3	398	411	506	587	720	59.2	68.3	84.3	91.6	94.1	6.67	7.83	9.55	10.28	10.42	7.24	7.27	7.33	7.58	7.84	208	230	295	431	469	0.5	1.0	5.9	18.3	90.3
348	14-Dec	9.5	10.0	10.7	11.3	11.7	410	414	503	607	679	62.6	76.8	84.7	88.2	90.7	7.00	8.69	9.52	10.10	10.58	7.27	7.29	7.41	7.57	7.83	207	228	304	440	467	0.6	1.1	5.0	22.5	90.4
349	15-Dec	9.1	9.8	10.7	11.3	11.9	408	414	521	661	796	79.6	80.3	86.9	90.3	94.1	8.81	9.00	9.60	10.45	10.74	7.28	7.30	7.48	7.71	7.89	217	271	306	447	472	0.6	1.4	5.6	24.7	95.9
350	16-Dec	8.9	9.6	10.5	11.3	11.9	406	420	547	731	866	74.2	77.5	85.8	88.8	92.5	8.42	8.72	9.49	10.47	10.75	7.29	7.33	7.55	7.76	7.87	287	303	313	415	470	0.8	1.9	7.4	20.8	32.5
351	17-Dec	9.0	9.4	10.5	11.3	11.9	411	425	561	675	828	74.0	76.6	84.3	87.4	89.0	8.29	8.54	9.23	10.17	10.59	7.30	7.34	7.47	7.64	7.88	261	311	326	477	481	1.0	2.0	6.1	22.9	32.6
352	18-Dec	9.0	9.3	10.2	11.2	11.6	430	493	574	690	790	73.4	75.4	81.9	89.6	94.0	8.21	8.50	9.18	10.45	11.20	7.32	7.36	7.50	7.61	7.65	319	327	346	424	483	2.0	3.1	8.5	28.1	45.9
353	19-Dec	8.9	9.1	10.0	10.8	11.3	404	454	552	620	683	73.3	75.2	82.6	91.8	97.2	8.26	8.66	9.41	10.64	11.13	7.33	7.35	7.48	7.59	7.63	312	327	355	405	496	1.4	2.6	7.4	24.4	74.5
354	20-Dec	8.1	8.9	9.9	10.3	10.6	394	478	562	705	790	72.1	74.7	83.8	91.4	95.8	8.25	8.78	9.74	10.45	10.98	7.29	7.36	7.50	7.63	7.66	251	333	366	464	469	1.4	2.8	8.1	35.1	88.9
355	21-Dec	8.5	8.8	9.9	10.4	11.1	391	450	565	683	742	70.6	76.4	82.5	90.4	96.0	8.03	8.93	9.50	10.34	11.26	7.25	7.35	7.48	7.58	7.64	256	258	374	467	476	1.4	2.8	8.1	39.2	89.7
356	22-Dec	8.4	9.4	9.8	11.0	12.0	394	427	555	601	685	71.2	76.3	81.0	85.8	90.7	8.10	8.91	9.37	10.05	10.82	7.22	7.33	7.44	7.57	7.62	258	262	382	444	480	1.4	2.1	9.5	53.1	90.2
357	23-Dec	8.3	9.2	9.8	11.2	12.2	381	399	536	591	637	74.0	76.5	79.6	86.5	91.7	8.15	8.57	9.11	10.07	10.56	7.22	7.30	7.45	7.56	7.63	260	262	357	418	479	1.2	2.0	8.3	41.7	91.5
358	24-Dec	8.2	8.7	9.3	10.9	12.7	401	452	521	616	848	73.7	75.9	78.4	81.7	92.7	8.16	8.34	8.93	9.74	10.46	7.29	7.31	7.42	7.79	7.90	240	248	324	478	557	1.1	2.6	10.8	45.2	96.4
359	25-Dec	8.1	8.6	9.1	11.1	12.7	406	424	512	543	730	71.0	74.2	77.5	81.6	82.1	7.75	8.13	8.90	9.56	10.63	7.25	7.29	7.43	7.67	7.85	234	241	319	460	478	1.0	1.8	9.0	30.4	95.0
360	26-Dec	8.2	8.7	9.4	10.6	12.8	411	430	505	582	730	70.2	73.4	77.7	80.3	81.4	7.50	7.84	8.88	9.36	9.82	7.23	7.27	7.44	7.71	7.84	234	247	321	473	486	0.9	1.6	9.8	63.5	94.5
361	27-Dec	8.5	8.6	9.5	10.3	12.6	399	416	486	534	728	71.0	73.4	77.4	79.8	81.9	7.75	7.98	8.88	9.40	10.60	7.22	7.24	7.43	7.57	7.76	237	256	317	481	487	0.9	2.0	9.8	34.2	89.9
362	28-Dec	8.1	8.4	9.4	10.1	12.3	334	367	483	540	589	69.6	71.4	76.8	80.5	92.1	7.76	7.99	8.80	9.38	10.74	7.20	7.22	7.46	7.73	8.33	249	260	304	434	479	1.2	2.5	7.1	30.5	88.4
363	29-Dec	7.9	8.3	9.3	10.4	12.0	294	358	497	604	762	67.1	72.4	78.3	89.9	92.0	7.55	7.99	8.81	10.58	10.82	7.20	7.22	7.51	7.74	8.18	257	264	320	439	475	2.9	3.8	10.2	30.7	85.1
364	30-Dec	7.8	8.2	9.1	10.9	11.6	241	304	484	601	756	66.1	74.6	81.6	88.7	91.5	7.42	8.09	9.08	10.03	10.84	7.19	7.23	7.50	7.74	8.17	259	267	298	468	478	2.9	3.9	10.6	27.8	35.8
365	31-Dec	7.8	8.2	9.2	11.3	11.6	248	299	513	612	805	64.1	74.5	81.4	90.8	93.5	7.24	8.45	9.03	10.53	10.92	7.21	7.25	7.49	7.81	8.17	263	270	305	465	473	3.8	5.1	11.3	20.2	26.1