

APPENDIX E

WATER QUALITY DATA

Appendix E
2021 Water Quality Data: Hypoxic Event Duration at
San Elijo Lagoon and Reference Wetlands

This appendix documents the 2021 water quality data for the San Elijo Lagoon Restoration Project. The water quality performance standard is evaluated by comparing the mean length in hours of continuous hypoxia between the restored San Elijo Lagoon and the reference wetlands. A dissolved oxygen concentration below 3 parts per million is considered hypoxic, and sustained concentrations below this value may be detrimental to estuarine biota (Ecological Society of America 2012). The approach to assessing dissolved oxygen is to assess the length of time continuously spent below this concentration. The criterion for event duration determines whether two readings are considered unique events or the same event. A 1-hour envelope was used to classify hypoxic events in proximity to each other as one event. The start and end of an event must be at least 1 hour apart to signal an event is complete. Otherwise, readings triggering the threshold value are considered the same event. The reference wetlands included in the table below are Mugu Lagoon (MUL), Tijuana Estuary (TJE), and Carpinteria Salt Marsh (CSM).

Table E-1. Post-construction Hypoxic Event Timing and Duration at
San Elijo Lagoon and Reference Wetlands.

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	MUL	2021-04-20 15:15	0.25
2021	MUL	2021-04-27 04:30	2.00
2021	MUL	2021-04-27 07:45	0.25
2021	MUL	2021-04-28 05:30	1.50
2021	MUL	2021-04-28 07:30	0.25
2021	MUL	2021-04-28 08:00	0.25
2021	MUL	2021-04-29 06:00	1.50
2021	MUL	2021-04-29 08:00	0.25
2021	MUL	2021-04-29 08:45	0.25
2021	MUL	2021-05-05 06:45	0.25
2021	MUL	2021-05-06 08:30	1.00
2021	MUL	2021-05-06 11:00	0.50
2021	MUL	2021-05-06 17:00	2.00
2021	MUL	2021-05-07 09:00	1.25
2021	MUL	2021-05-07 11:45	0.50
2021	MUL	2021-05-07 18:45	1.00
2021	MUL	2021-05-08 10:15	0.25
2021	MUL	2021-05-09 08:45	1.00
2021	MUL	2021-05-09 10:45	0.25
2021	MUL	2021-05-10 09:00	1.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	MUL	2021-05-10 10:45	0.25
2021	MUL	2021-05-10 14:15	0.25
2021	MUL	2021-05-11 09:30	0.50
2021	MUL	2021-05-11 10:15	1.50
2021	MUL	2021-05-11 15:00	0.25
2021	MUL	2021-05-12 10:00	2.00
2021	MUL	2021-05-12 15:45	0.50
2021	MUL	2021-05-13 10:45	1.25
2021	MUL	2021-05-13 12:22	1.50
2021	MUL	2021-05-13 14:22	0.25
2021	MUL	2021-05-13 16:30	0.25
2021	MUL	2021-05-14 10:15	0.25
2021	MUL	2021-05-14 11:00	1.25
2021	MUL	2021-05-14 13:15	0.50
2021	MUL	2021-05-14 14:00	1.75
2021	MUL	2021-05-14 17:15	0.25
2021	MUL	2021-05-15 11:30	0.50
2021	MUL	2021-05-15 14:15	2.00
2021	MUL	2021-05-16 14:45	0.25
2021	MUL	2021-05-16 15:15	0.50
2021	MUL	2021-05-16 16:00	0.25
2021	MUL	2021-05-20 15:15	0.25
2021	MUL	2021-06-01 13:30	1.75
2021	MUL	2021-06-02 14:00	3.00
2021	MUL	2021-06-03 09:30	0.25
2021	MUL	2021-06-03 14:45	3.25
2021	MUL	2021-06-04 07:30	0.50
2021	MUL	2021-06-04 10:15	0.25
2021	MUL	2021-06-04 10:45	0.75
2021	MUL	2021-06-04 15:45	3.25
2021	MUL	2021-06-05 06:30	3.25
2021	MUL	2021-06-05 11:15	1.50
2021	MUL	2021-06-05 16:15	3.75
2021	MUL	2021-06-06 07:00	0.25
2021	MUL	2021-06-06 07:30	0.50
2021	MUL	2021-06-06 08:15	0.50
2021	MUL	2021-06-06 11:15	0.25
2021	MUL	2021-06-06 12:45	1.00
2021	MUL	2021-06-06 18:30	1.50
2021	MUL	2021-06-06 20:15	0.75
2021	MUL	2021-06-06 21:15	0.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	MUL	2021-06-07 05:45	1.00
2021	MUL	2021-06-07 07:00	7.25
2021	MUL	2021-06-07 18:15	2.75
2021	MUL	2021-06-07 21:45	0.25
2021	MUL	2021-06-08 06:00	8.75
2021	MUL	2021-06-08 18:15	0.50
2021	MUL	2021-06-08 20:45	2.50
2021	MUL	2021-06-09 06:45	4.75
2021	MUL	2021-06-09 12:15	0.25
2021	MUL	2021-06-09 12:45	1.50
2021	MUL	2021-06-17 13:30	0.50
2021	MUL	2021-06-17 14:15	0.50
2021	MUL	2021-06-18 13:30	3.00
2021	MUL	2021-06-19 15:00	3.50
2021	MUL	2021-06-20 08:15	0.75
2021	MUL	2021-06-20 09:30	2.00
2021	MUL	2021-06-20 17:00	2.75
2021	MUL	2021-06-21 07:45	0.25
2021	MUL	2021-06-21 08:15	4.50
2021	MUL	2021-06-21 19:00	0.75
2021	MUL	2021-06-21 20:30	0.25
2021	MUL	2021-06-22 09:30	1.00
2021	MUL	2021-06-22 10:45	0.75
2021	MUL	2021-06-22 11:45	2.00
2021	MUL	2021-06-23 13:00	0.25
2021	MUL	2021-06-23 13:45	1.00
2021	MUL	2021-06-28 14:00	0.25
2021	MUL	2021-06-29 13:45	0.75
2021	MUL	2021-06-30 11:45	4.00
2021	MUL	2021-07-01 12:15	5.50
2021	MUL	2021-07-02 10:00	0.25
2021	MUL	2021-07-02 14:00	4.00
2021	MUL	2021-07-03 08:30	0.25
2021	MUL	2021-07-03 09:30	0.50
2021	MUL	2021-07-03 10:15	1.75
2021	MUL	2021-07-03 17:30	1.25
2021	MUL	2021-07-04 08:45	0.25
2021	MUL	2021-07-04 11:30	1.25
2021	MUL	2021-07-05 12:45	0.25
2021	MUL	2021-07-11 11:45	1.00
2021	MUL	2021-07-12 12:30	2.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	MUL	2021-07-13 12:45	1.25
2021	MUL	2021-07-13 16:45	1.00
2021	MUL	2021-07-14 14:00	0.25
2021	MUL	2021-07-15 13:30	0.50
2021	MUL	2021-07-16 14:30	0.75
2021	MUL	2021-07-17 13:45	0.25
2021	MUL	2021-07-17 14:15	0.50
2021	MUL	2021-07-17 15:45	1.00
2021	MUL	2021-07-18 10:30	0.25
2021	MUL	2021-07-18 16:15	1.00
2021	MUL	2021-07-19 07:15	0.25
2021	MUL	2021-07-19 09:45	0.50
2021	MUL	2021-07-19 10:30	0.75
2021	MUL	2021-07-19 11:30	0.25
2021	MUL	2021-07-19 18:15	0.50
2021	MUL	2021-07-20 08:00	0.25
2021	MUL	2021-07-20 08:30	0.75
2021	MUL	2021-07-20 12:00	1.25
2021	MUL	2021-07-21 09:00	4.25
2021	MUL	2021-07-22 10:00	4.00
2021	MUL	2021-07-23 15:00	0.25
2021	MUL	2021-07-24 15:45	0.25
2021	MUL	2021-07-29 13:45	0.25
2021	MUL	2021-07-31 12:00	0.50
2021	MUL	2021-07-31 13:15	0.25
2021	MUL	2021-07-31 13:45	0.25
2021	MUL	2021-07-31 14:30	0.50
2021	MUL	2021-07-31 15:45	0.25
2021	MUL	2021-07-31 16:45	0.25
2021	MUL	2021-08-14 14:15	1.25
2021	MUL	2021-08-16 10:00	0.50
2021	MUL	2021-08-17 11:15	0.50
2021	MUL	2021-08-18 12:00	0.75
2021	MUL	2021-08-19 09:00	0.25
2021	MUL	2021-08-19 09:30	1.00
2021	MUL	2021-08-19 10:45	0.25
2021	MUL	2021-08-19 12:30	0.25
2021	MUL	2021-08-19 13:00	0.75
2021	MUL	2021-08-20 10:45	0.75
2021	MUL	2021-08-20 14:00	0.50
2021	MUL	2021-08-21 12:15	0.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	MUL	2021-08-21 14:30	0.50
2021	MUL	2021-08-29 15:15	1.75
2021	MUL	2021-09-27 14:45	0.75
2021	MUL	2021-10-27 04:15	4.75
2021	TJE	2021-01-01 02:45	0.75
2021	TJE	2021-01-04 23:30	0.25
2021	TJE	2021-01-05 00:45	0.25
2021	TJE	2021-01-05 01:15	6.25
2021	TJE	2021-01-05 08:00	0.25
2021	TJE	2021-01-05 08:30	0.75
2021	TJE	2021-01-05 09:30	0.75
2021	TJE	2021-01-05 10:45	0.75
2021	TJE	2021-01-05 12:00	0.50
2021	TJE	2021-01-06 00:30	0.25
2021	TJE	2021-01-06 02:00	7.25
2021	TJE	2021-01-06 09:30	1.25
2021	TJE	2021-01-07 04:00	2.75
2021	TJE	2021-01-07 08:45	2.75
2021	TJE	2021-01-08 03:45	0.25
2021	TJE	2021-01-08 04:15	0.75
2021	TJE	2021-01-08 05:30	1.25
2021	TJE	2021-01-08 07:30	0.25
2021	TJE	2021-01-08 08:15	0.25
2021	TJE	2021-01-08 09:00	3.00
2021	TJE	2021-01-08 16:45	17.75
2021	TJE	2021-01-09 10:45	1.25
2021	TJE	2021-01-10 00:00	1.00
2021	TJE	2021-01-10 06:15	4.25
2021	TJE	2021-01-10 10:45	0.25
2021	TJE	2021-01-10 12:00	0.50
2021	TJE	2021-01-11 10:45	1.75
2021	TJE	2021-01-12 10:45	0.50
2021	TJE	2021-01-13 13:45	0.50
2021	TJE	2021-01-15 05:45	0.50
2021	TJE	2021-01-15 12:15	0.50
2021	TJE	2021-01-15 15:15	0.75
2021	TJE	2021-01-16 06:45	1.00
2021	TJE	2021-01-16 16:00	0.75
2021	TJE	2021-01-22 16:45	1.25
2021	TJE	2021-01-24 05:00	7.00
2021	TJE	2021-01-24 12:15	0.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-01-24 17:30	2.25
2021	TJE	2021-01-27 09:00	0.50
2021	TJE	2021-01-27 09:45	0.50
2021	TJE	2021-01-28 09:00	2.50
2021	TJE	2021-01-28 13:15	1.00
2021	TJE	2021-01-29 11:45	0.75
2021	TJE	2021-01-30 02:30	2.00
2021	TJE	2021-01-30 08:15	5.00
2021	TJE	2021-01-30 13:30	0.25
2021	TJE	2021-01-30 15:45	0.75
2021	TJE	2021-01-31 02:45	1.75
2021	TJE	2021-01-31 11:45	2.75
2021	TJE	2021-01-31 14:45	2.00
2021	TJE	2021-02-01 01:15	3.00
2021	TJE	2021-02-01 13:00	2.00
2021	TJE	2021-02-01 15:45	0.50
2021	TJE	2021-02-01 16:45	1.25
2021	TJE	2021-02-01 23:15	0.50
2021	TJE	2021-02-02 00:00	4.50
2021	TJE	2021-02-02 06:15	1.50
2021	TJE	2021-02-02 14:00	2.25
2021	TJE	2021-02-02 18:00	1.75
2021	TJE	2021-02-02 21:00	0.75
2021	TJE	2021-02-03 01:15	3.50
2021	TJE	2021-02-03 05:15	0.50
2021	TJE	2021-02-03 06:45	1.50
2021	TJE	2021-02-03 14:45	3.25
2021	TJE	2021-02-03 20:30	10.75
2021	TJE	2021-02-04 15:15	5.00
2021	TJE	2021-02-04 20:45	0.50
2021	TJE	2021-02-04 21:30	0.50
2021	TJE	2021-02-05 01:30	0.50
2021	TJE	2021-02-05 02:30	0.75
2021	TJE	2021-02-05 03:30	6.50
2021	TJE	2021-02-05 16:00	6.00
2021	TJE	2021-02-05 22:45	0.25
2021	TJE	2021-02-06 04:00	0.25
2021	TJE	2021-02-06 04:45	0.25
2021	TJE	2021-02-06 05:15	1.25
2021	TJE	2021-02-06 06:45	4.25
2021	TJE	2021-02-06 15:15	5.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-02-06 22:15	2.00
2021	TJE	2021-02-07 00:30	0.50
2021	TJE	2021-02-07 03:00	0.25
2021	TJE	2021-02-07 04:15	0.25
2021	TJE	2021-02-07 05:00	0.75
2021	TJE	2021-02-07 06:00	1.50
2021	TJE	2021-02-07 07:45	4.25
2021	TJE	2021-02-07 17:00	8.00
2021	TJE	2021-02-08 03:00	9.75
2021	TJE	2021-02-09 00:45	0.50
2021	TJE	2021-02-09 03:00	0.25
2021	TJE	2021-02-09 04:00	0.25
2021	TJE	2021-02-09 04:30	0.50
2021	TJE	2021-02-09 07:30	3.00
2021	TJE	2021-02-09 10:45	2.50
2021	TJE	2021-02-10 00:30	1.50
2021	TJE	2021-02-10 03:30	1.75
2021	TJE	2021-02-10 08:30	2.75
2021	TJE	2021-02-10 11:30	2.50
2021	TJE	2021-02-11 04:15	0.75
2021	TJE	2021-02-11 09:00	3.00
2021	TJE	2021-02-11 12:30	0.25
2021	TJE	2021-02-11 13:00	1.50
2021	TJE	2021-02-12 04:30	1.25
2021	TJE	2021-02-12 08:30	6.50
2021	TJE	2021-02-13 01:15	2.00
2021	TJE	2021-02-13 04:45	1.25
2021	TJE	2021-02-13 08:45	0.75
2021	TJE	2021-02-13 10:00	6.25
2021	TJE	2021-02-14 02:15	1.50
2021	TJE	2021-02-14 05:15	0.75
2021	TJE	2021-02-14 11:30	2.25
2021	TJE	2021-02-14 14:00	0.25
2021	TJE	2021-02-14 14:30	2.75
2021	TJE	2021-02-15 02:15	1.75
2021	TJE	2021-02-15 05:30	1.25
2021	TJE	2021-02-15 08:45	15.75
2021	TJE	2021-02-16 08:45	5.00
2021	TJE	2021-02-16 14:30	0.75
2021	TJE	2021-02-16 15:30	43.25
2021	TJE	2021-03-04 18:45	2.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-03-04 21:45	0.25
2021	TJE	2021-03-05 00:00	3.00
2021	TJE	2021-03-05 04:30	0.25
2021	TJE	2021-03-05 07:00	0.25
2021	TJE	2021-03-05 08:15	0.25
2021	TJE	2021-03-05 13:15	7.00
2021	TJE	2021-03-06 05:15	0.50
2021	TJE	2021-03-06 06:45	1.75
2021	TJE	2021-03-06 09:00	1.00
2021	TJE	2021-03-06 12:30	0.50
2021	TJE	2021-03-06 14:30	7.50
2021	TJE	2021-03-06 22:15	0.25
2021	TJE	2021-03-07 02:15	0.50
2021	TJE	2021-03-07 03:45	0.25
2021	TJE	2021-03-07 04:15	7.50
2021	TJE	2021-03-07 14:00	5.50
2021	TJE	2021-03-07 21:30	0.25
2021	TJE	2021-03-08 02:15	1.00
2021	TJE	2021-03-08 04:00	5.50
2021	TJE	2021-03-08 15:45	0.75
2021	TJE	2021-03-08 17:15	7.50
2021	TJE	2021-03-09 02:15	2.50
2021	TJE	2021-03-09 05:15	0.25
2021	TJE	2021-03-09 06:30	7.00
2021	TJE	2021-03-09 23:30	1.25
2021	TJE	2021-03-10 06:30	7.25
2021	TJE	2021-03-10 20:45	0.25
2021	TJE	2021-03-10 22:00	4.00
2021	TJE	2021-03-11 04:00	0.25
2021	TJE	2021-03-11 06:30	0.75
2021	TJE	2021-03-11 08:00	6.50
2021	TJE	2021-03-11 23:45	2.25
2021	TJE	2021-03-12 04:15	0.25
2021	TJE	2021-03-12 09:00	5.75
2021	TJE	2021-03-13 08:00	4.00
2021	TJE	2021-03-13 13:45	2.25
2021	TJE	2021-03-13 20:45	4.25
2021	TJE	2021-03-14 04:15	1.75
2021	TJE	2021-03-14 08:00	6.25
2021	TJE	2021-03-14 20:30	0.25
2021	TJE	2021-03-14 21:00	0.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-03-14 21:45	0.50
2021	TJE	2021-03-14 23:00	0.50
2021	TJE	2021-03-14 23:45	0.25
2021	TJE	2021-03-15 00:30	1.50
2021	TJE	2021-03-15 02:15	1.25
2021	TJE	2021-03-15 04:15	1.50
2021	TJE	2021-03-15 07:15	14.75
2021	TJE	2021-03-16 10:30	16.25
2021	TJE	2021-03-17 04:15	4.50
2021	TJE	2021-03-17 09:15	15.50
2021	TJE	2021-03-18 03:15	18.25
2021	TJE	2021-03-19 02:45	12.00
2021	TJE	2021-03-19 22:45	0.25
2021	TJE	2021-03-19 23:45	2.25
2021	TJE	2021-03-20 02:30	13.50
2021	TJE	2021-03-21 01:15	8.00
2021	TJE	2021-03-25 16:15	1.00
2021	TJE	2021-03-26 18:30	1.00
2021	TJE	2021-03-26 20:45	2.25
2021	TJE	2021-03-27 03:15	3.25
2021	TJE	2021-03-27 07:45	4.75
2021	TJE	2021-03-27 20:30	4.00
2021	TJE	2021-03-28 04:15	0.50
2021	TJE	2021-03-28 09:15	3.50
2021	TJE	2021-03-28 14:00	2.50
2021	TJE	2021-03-28 21:00	0.75
2021	TJE	2021-03-28 22:15	0.25
2021	TJE	2021-03-29 04:15	0.50
2021	TJE	2021-03-29 07:45	0.75
2021	TJE	2021-03-29 09:15	6.50
2021	TJE	2021-03-29 22:00	1.50
2021	TJE	2021-03-29 23:45	2.50
2021	TJE	2021-03-30 04:00	1.00
2021	TJE	2021-03-30 09:15	3.00
2021	TJE	2021-03-30 22:00	4.50
2021	TJE	2021-03-31 03:15	2.00
2021	TJE	2021-03-31 09:45	7.00
2021	TJE	2021-04-01 03:45	0.50
2021	TJE	2021-04-01 10:45	8.75
2021	TJE	2021-04-02 11:15	11.50
2021	TJE	2021-04-03 11:00	5.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-04-03 22:00	1.00
2021	TJE	2021-04-03 23:45	0.25
2021	TJE	2021-04-04 02:15	0.25
2021	TJE	2021-04-04 03:15	0.25
2021	TJE	2021-04-04 04:00	2.50
2021	TJE	2021-04-05 00:45	0.25
2021	TJE	2021-04-05 01:45	0.25
2021	TJE	2021-04-05 02:15	0.75
2021	TJE	2021-04-05 03:45	35.00
2021	TJE	2021-04-08 02:45	9.50
2021	TJE	2021-04-08 17:15	0.75
2021	TJE	2021-04-08 18:45	5.25
2021	TJE	2021-04-09 02:45	1.25
2021	TJE	2021-04-09 05:30	0.25
2021	TJE	2021-04-09 06:45	5.75
2021	TJE	2021-04-09 18:00	1.00
2021	TJE	2021-04-09 19:45	3.50
2021	TJE	2021-04-10 03:15	1.25
2021	TJE	2021-04-10 06:00	0.25
2021	TJE	2021-04-10 06:30	0.75
2021	TJE	2021-04-10 07:30	5.00
2021	TJE	2021-04-10 18:00	0.75
2021	TJE	2021-04-10 19:00	0.50
2021	TJE	2021-04-10 20:30	4.75
2021	TJE	2021-04-11 03:15	1.00
2021	TJE	2021-04-11 07:15	2.50
2021	TJE	2021-04-11 18:30	1.25
2021	TJE	2021-04-11 20:30	1.00
2021	TJE	2021-04-12 02:00	2.00
2021	TJE	2021-04-12 08:00	4.25
2021	TJE	2021-04-13 08:00	0.75
2021	TJE	2021-04-14 08:30	1.50
2021	TJE	2021-04-15 08:45	8.25
2021	TJE	2021-04-16 09:00	13.00
2021	TJE	2021-04-17 08:15	0.25
2021	TJE	2021-04-17 09:00	26.75
2021	TJE	2021-04-18 22:45	0.25
2021	TJE	2021-04-18 23:45	0.25
2021	TJE	2021-04-19 02:45	0.25
2021	TJE	2021-04-19 03:30	16.75
2021	TJE	2021-04-20 02:00	19.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-04-20 23:00	0.25
2021	TJE	2021-04-21 01:30	21.25
2021	TJE	2021-04-22 01:15	39.75
2021	TJE	2021-04-24 00:45	0.50
2021	TJE	2021-04-24 04:15	16.75
2021	TJE	2021-04-24 22:00	0.25
2021	TJE	2021-04-24 23:00	1.75
2021	TJE	2021-04-25 06:30	17.50
2021	TJE	2021-04-26 00:30	0.75
2021	TJE	2021-04-26 08:15	13.75
2021	TJE	2021-04-26 22:15	0.50
2021	TJE	2021-04-27 09:30	9.50
2021	TJE	2021-04-28 03:00	0.25
2021	TJE	2021-04-28 10:00	5.75
2021	TJE	2021-04-28 17:00	1.00
2021	TJE	2021-04-28 19:30	0.25
2021	TJE	2021-04-29 03:15	0.25
2021	TJE	2021-04-29 10:45	5.50
2021	TJE	2021-04-29 18:15	1.00
2021	TJE	2021-04-29 19:30	0.25
2021	TJE	2021-04-29 20:15	0.75
2021	TJE	2021-04-30 03:45	0.50
2021	TJE	2021-04-30 11:00	6.25
2021	TJE	2021-04-30 20:15	1.00
2021	TJE	2021-05-01 11:30	7.00
2021	TJE	2021-05-01 21:45	0.50
2021	TJE	2021-05-01 22:45	1.00
2021	TJE	2021-05-02 00:15	0.75
2021	TJE	2021-05-02 02:45	0.50
2021	TJE	2021-05-02 03:30	1.00
2021	TJE	2021-05-02 12:00	7.25
2021	TJE	2021-05-02 19:45	0.50
2021	TJE	2021-05-03 02:45	0.25
2021	TJE	2021-05-03 04:15	0.50
2021	TJE	2021-05-03 13:00	7.75
2021	TJE	2021-05-04 04:45	0.25
2021	TJE	2021-05-04 05:15	4.25
2021	TJE	2021-05-04 11:45	0.50
2021	TJE	2021-05-04 12:45	8.25
2021	TJE	2021-05-04 21:30	0.25
2021	TJE	2021-05-05 05:30	13.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-05-06 05:30	14.50
2021	TJE	2021-05-06 21:00	2.00
2021	TJE	2021-05-07 05:45	13.00
2021	TJE	2021-05-08 07:00	8.25
2021	TJE	2021-05-08 17:00	1.50
2021	TJE	2021-05-09 07:30	8.75
2021	TJE	2021-05-09 16:45	2.25
2021	TJE	2021-05-10 08:00	9.00
2021	TJE	2021-05-10 17:15	2.75
2021	TJE	2021-05-11 08:30	11.00
2021	TJE	2021-05-12 08:45	8.75
2021	TJE	2021-05-12 17:45	1.50
2021	TJE	2021-05-13 09:15	9.00
2021	TJE	2021-05-13 19:00	0.25
2021	TJE	2021-05-14 09:30	9.75
2021	TJE	2021-05-14 19:45	0.25
2021	TJE	2021-05-15 10:15	7.25
2021	TJE	2021-05-16 10:45	5.75
2021	TJE	2021-05-17 13:30	3.25
2021	TJE	2021-05-21 10:00	0.50
2021	TJE	2021-05-21 10:45	1.25
2021	TJE	2021-05-21 15:15	0.75
2021	TJE	2021-05-22 10:30	0.25
2021	TJE	2021-05-22 13:00	0.50
2021	TJE	2021-05-22 14:15	0.50
2021	TJE	2021-05-23 11:15	4.75
2021	TJE	2021-05-24 08:30	6.75
2021	TJE	2021-05-25 09:15	6.50
2021	TJE	2021-05-26 09:45	4.50
2021	TJE	2021-05-27 10:15	7.25
2021	TJE	2021-05-28 10:45	7.00
2021	TJE	2021-05-28 18:00	0.25
2021	TJE	2021-05-28 19:45	0.25
2021	TJE	2021-05-29 11:00	10.50
2021	TJE	2021-05-30 00:00	0.25
2021	TJE	2021-05-30 01:15	1.00
2021	TJE	2021-05-30 03:15	0.75
2021	TJE	2021-05-30 11:15	8.00
2021	TJE	2021-05-30 19:30	0.25
2021	TJE	2021-05-30 21:00	0.75
2021	TJE	2021-05-30 22:15	0.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-05-30 23:00	0.25
2021	TJE	2021-05-31 11:30	8.25
2021	TJE	2021-06-01 04:45	0.25
2021	TJE	2021-06-01 11:30	8.00
2021	TJE	2021-06-02 11:45	0.25
2021	TJE	2021-06-02 12:30	0.25
2021	TJE	2021-06-02 13:00	6.75
2021	TJE	2021-06-03 06:00	11.75
2021	TJE	2021-06-04 07:15	10.50
2021	TJE	2021-06-05 07:00	10.00
2021	TJE	2021-06-06 07:00	10.75
2021	TJE	2021-06-07 07:30	14.00
2021	TJE	2021-06-07 22:00	0.75
2021	TJE	2021-06-08 08:00	11.25
2021	TJE	2021-06-09 08:30	8.50
2021	TJE	2021-06-09 17:15	0.25
2021	TJE	2021-06-10 08:45	8.00
2021	TJE	2021-06-11 09:00	7.75
2021	TJE	2021-06-11 17:00	0.50
2021	TJE	2021-06-11 19:00	1.00
2021	TJE	2021-06-12 09:30	7.75
2021	TJE	2021-06-12 19:30	0.50
2021	TJE	2021-06-13 10:00	8.50
2021	TJE	2021-06-14 10:00	8.50
2021	TJE	2021-06-15 10:15	8.50
2021	TJE	2021-06-16 11:45	6.50
2021	TJE	2021-06-16 18:30	0.25
2021	TJE	2021-06-16 19:00	0.25
2021	TJE	2021-06-17 09:45	0.50
2021	TJE	2021-06-17 12:45	0.25
2021	TJE	2021-06-17 13:15	4.50
2021	TJE	2021-06-18 05:45	1.75
2021	TJE	2021-06-18 11:00	7.25
2021	TJE	2021-06-19 06:45	2.25
2021	TJE	2021-06-19 09:15	10.00
2021	TJE	2021-06-20 06:15	13.75
2021	TJE	2021-06-20 20:30	0.25
2021	TJE	2021-06-20 21:00	0.25
2021	TJE	2021-06-21 06:45	14.75
2021	TJE	2021-06-21 21:45	0.25
2021	TJE	2021-06-22 07:30	14.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-06-22 22:15	0.25
2021	TJE	2021-06-22 23:30	1.25
2021	TJE	2021-06-23 08:30	14.25
2021	TJE	2021-06-24 00:15	0.25
2021	TJE	2021-06-24 09:15	14.25
2021	TJE	2021-06-25 10:15	9.50
2021	TJE	2021-06-25 20:00	1.75
2021	TJE	2021-06-25 22:45	0.25
2021	TJE	2021-06-25 23:30	0.50
2021	TJE	2021-06-26 11:00	7.75
2021	TJE	2021-06-26 20:00	0.25
2021	TJE	2021-06-27 00:15	0.75
2021	TJE	2021-06-27 11:15	8.00
2021	TJE	2021-06-28 01:15	0.25
2021	TJE	2021-06-28 11:45	7.00
2021	TJE	2021-06-29 02:30	0.50
2021	TJE	2021-06-29 11:45	6.75
2021	TJE	2021-06-30 11:30	6.25
2021	TJE	2021-06-30 19:45	0.25
2021	TJE	2021-07-01 04:45	2.25
2021	TJE	2021-07-01 08:45	0.25
2021	TJE	2021-07-01 09:45	9.50
2021	TJE	2021-07-02 06:15	12.00
2021	TJE	2021-07-03 05:15	15.00
2021	TJE	2021-07-04 05:15	13.75
2021	TJE	2021-07-04 19:30	0.25
2021	TJE	2021-07-05 06:15	12.25
2021	TJE	2021-07-05 19:15	0.25
2021	TJE	2021-07-06 07:00	9.00
2021	TJE	2021-07-07 07:30	10.50
2021	TJE	2021-07-07 21:30	1.00
2021	TJE	2021-07-08 08:30	8.50
2021	TJE	2021-07-09 08:45	8.25
2021	TJE	2021-07-10 09:00	8.00
2021	TJE	2021-07-10 21:45	0.25
2021	TJE	2021-07-10 23:15	0.25
2021	TJE	2021-07-10 23:45	0.25
2021	TJE	2021-07-11 00:15	0.50
2021	TJE	2021-07-11 02:00	0.75
2021	TJE	2021-07-11 09:30	8.00
2021	TJE	2021-07-11 20:45	0.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-07-11 23:45	0.25
2021	TJE	2021-07-12 00:30	0.25
2021	TJE	2021-07-12 02:30	1.00
2021	TJE	2021-07-12 10:00	9.50
2021	TJE	2021-07-12 21:00	0.50
2021	TJE	2021-07-13 03:15	1.00
2021	TJE	2021-07-13 10:30	8.75
2021	TJE	2021-07-14 04:00	1.50
2021	TJE	2021-07-14 10:30	9.00
2021	TJE	2021-07-15 05:45	1.25
2021	TJE	2021-07-15 10:15	8.25
2021	TJE	2021-07-16 04:15	0.25
2021	TJE	2021-07-16 07:15	10.50
2021	TJE	2021-07-17 06:45	1.00
2021	TJE	2021-07-17 08:00	9.00
2021	TJE	2021-07-18 05:30	12.25
2021	TJE	2021-07-19 05:45	11.75
2021	TJE	2021-07-20 06:00	13.00
2021	TJE	2021-07-20 19:15	0.25
2021	TJE	2021-07-20 20:15	0.50
2021	TJE	2021-07-21 07:15	11.50
2021	TJE	2021-07-22 08:00	11.25
2021	TJE	2021-07-23 08:30	10.00
2021	TJE	2021-07-24 00:45	0.25
2021	TJE	2021-07-24 01:15	0.25
2021	TJE	2021-07-24 09:15	3.50
2021	TJE	2021-07-24 18:45	5.00
2021	TJE	2021-07-25 01:15	1.25
2021	TJE	2021-07-25 10:00	3.25
2021	TJE	2021-07-25 20:15	2.75
2021	TJE	2021-07-25 23:15	1.75
2021	TJE	2021-07-26 01:45	0.25
2021	TJE	2021-07-26 02:15	1.00
2021	TJE	2021-07-26 10:15	3.75
2021	TJE	2021-07-26 21:00	4.50
2021	TJE	2021-07-27 02:00	0.25
2021	TJE	2021-07-27 03:00	1.25
2021	TJE	2021-07-27 10:15	6.75
2021	TJE	2021-07-27 23:30	0.50
2021	TJE	2021-07-28 01:00	0.50
2021	TJE	2021-07-28 10:00	7.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-07-28 18:00	0.25
2021	TJE	2021-07-29 08:45	8.25
2021	TJE	2021-07-30 03:45	0.25
2021	TJE	2021-07-30 07:30	0.25
2021	TJE	2021-07-30 08:15	9.75
2021	TJE	2021-07-31 06:15	0.25
2021	TJE	2021-07-31 07:15	0.25
2021	TJE	2021-07-31 09:00	9.00
2021	TJE	2021-08-01 06:00	12.25
2021	TJE	2021-08-01 18:30	0.50
2021	TJE	2021-08-02 04:15	14.50
2021	TJE	2021-08-03 05:30	13.75
2021	TJE	2021-08-04 06:15	13.00
2021	TJE	2021-08-05 07:00	13.00
2021	TJE	2021-08-06 07:45	15.00
2021	TJE	2021-08-07 08:30	12.00
2021	TJE	2021-08-07 20:45	0.25
2021	TJE	2021-08-07 22:15	1.25
2021	TJE	2021-08-08 09:15	11.25
2021	TJE	2021-08-08 21:00	0.25
2021	TJE	2021-08-08 22:30	0.25
2021	TJE	2021-08-08 23:15	1.00
2021	TJE	2021-08-09 09:30	8.50
2021	TJE	2021-08-09 19:30	0.75
2021	TJE	2021-08-09 20:45	0.25
2021	TJE	2021-08-09 22:45	0.25
2021	TJE	2021-08-09 23:45	1.00
2021	TJE	2021-08-10 10:00	8.25
2021	TJE	2021-08-10 21:15	0.50
2021	TJE	2021-08-11 01:30	0.25
2021	TJE	2021-08-11 10:15	8.00
2021	TJE	2021-08-12 02:00	0.25
2021	TJE	2021-08-12 10:00	7.25
2021	TJE	2021-08-13 02:15	1.25
2021	TJE	2021-08-13 10:00	7.00
2021	TJE	2021-08-14 10:00	6.75
2021	TJE	2021-08-15 04:30	13.00
2021	TJE	2021-08-15 17:45	0.50
2021	TJE	2021-08-16 03:30	15.75
2021	TJE	2021-08-16 19:30	0.25
2021	TJE	2021-08-17 04:45	13.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-08-18 05:45	15.50
2021	TJE	2021-08-19 07:30	8.25
2021	TJE	2021-08-19 18:00	1.25
2021	TJE	2021-08-20 08:15	8.25
2021	TJE	2021-08-20 17:45	2.75
2021	TJE	2021-08-21 00:15	0.25
2021	TJE	2021-08-21 09:00	7.75
2021	TJE	2021-08-21 18:45	1.25
2021	TJE	2021-08-22 09:45	7.25
2021	TJE	2021-08-23 10:00	7.25
2021	TJE	2021-08-24 10:15	7.25
2021	TJE	2021-08-25 10:00	7.25
2021	TJE	2021-08-26 09:30	8.00
2021	TJE	2021-08-27 09:45	8.25
2021	TJE	2021-08-28 07:15	12.00
2021	TJE	2021-08-29 08:45	11.25
2021	TJE	2021-08-30 10:15	10.25
2021	TJE	2021-08-31 08:15	10.25
2021	TJE	2021-08-31 18:45	0.50
2021	TJE	2021-09-01 07:45	9.75
2021	TJE	2021-09-02 07:30	10.50
2021	TJE	2021-09-03 06:45	11.50
2021	TJE	2021-09-04 07:15	9.00
2021	TJE	2021-09-04 17:45	0.50
2021	TJE	2021-09-05 08:15	8.00
2021	TJE	2021-09-06 09:15	7.25
2021	TJE	2021-09-07 09:30	7.25
2021	TJE	2021-09-08 09:45	5.75
2021	TJE	2021-09-09 10:00	7.25
2021	TJE	2021-09-10 02:45	0.75
2021	TJE	2021-09-10 09:30	7.50
2021	TJE	2021-09-11 02:30	2.25
2021	TJE	2021-09-11 06:00	12.00
2021	TJE	2021-09-12 02:15	16.25
2021	TJE	2021-09-13 02:00	17.00
2021	TJE	2021-09-14 04:15	16.00
2021	TJE	2021-09-14 20:30	0.25
2021	TJE	2021-09-15 05:15	15.25
2021	TJE	2021-09-15 20:45	1.00
2021	TJE	2021-09-16 06:30	12.75
2021	TJE	2021-09-16 19:30	0.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-09-17 07:15	12.25
2021	TJE	2021-09-18 08:00	11.75
2021	TJE	2021-09-19 08:30	10.00
2021	TJE	2021-09-20 09:15	7.75
2021	TJE	2021-09-20 21:45	3.50
2021	TJE	2021-09-21 09:15	8.00
2021	TJE	2021-09-21 22:30	3.75
2021	TJE	2021-09-22 09:15	8.00
2021	TJE	2021-09-22 22:30	4.50
2021	TJE	2021-09-23 08:45	1.00
2021	TJE	2021-09-23 10:30	7.00
2021	TJE	2021-09-24 11:30	0.25
2021	TJE	2021-09-24 12:00	5.75
2021	TJE	2021-09-25 03:30	0.50
2021	TJE	2021-09-25 04:15	0.50
2021	TJE	2021-09-25 05:15	0.25
2021	TJE	2021-09-25 09:45	8.50
2021	TJE	2021-09-26 10:45	6.75
2021	TJE	2021-09-27 05:30	0.25
2021	TJE	2021-09-27 09:30	0.50
2021	TJE	2021-09-27 11:00	6.50
2021	TJE	2021-09-27 17:45	0.25
2021	TJE	2021-09-27 18:15	0.25
2021	TJE	2021-09-27 18:45	0.25
2021	TJE	2021-09-28 09:15	8.50
2021	TJE	2021-09-29 11:15	0.25
2021	TJE	2021-09-29 15:00	0.25
2021	TJE	2021-09-30 11:15	0.25
2021	TJE	2021-10-02 11:15	3.75
2021	TJE	2021-10-02 15:45	0.25
2021	TJE	2021-10-03 09:30	6.25
2021	TJE	2021-10-04 09:00	6.25
2021	TJE	2021-10-26 02:30	4.50
2021	TJE	2021-10-26 07:15	2.00
2021	TJE	2021-10-26 09:30	5.00
2021	TJE	2021-10-27 02:30	8.50
2021	TJE	2021-10-27 11:15	0.25
2021	TJE	2021-10-27 11:45	6.50
2021	TJE	2021-10-27 21:00	16.25
2021	TJE	2021-10-28 13:30	6.50
2021	TJE	2021-10-29 02:45	2.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-10-29 07:45	1.50
2021	TJE	2021-10-29 10:15	0.25
2021	TJE	2021-10-29 15:30	0.25
2021	TJE	2021-10-29 16:00	1.25
2021	TJE	2021-10-30 08:30	0.50
2021	TJE	2021-10-30 09:15	0.25
2021	TJE	2021-10-30 09:45	1.25
2021	TJE	2021-10-30 16:45	1.00
2021	TJE	2021-10-31 03:15	9.25
2021	TJE	2021-10-31 16:45	6.00
2021	TJE	2021-11-01 06:30	6.25
2021	TJE	2021-11-02 07:00	5.75
2021	TJE	2021-11-03 09:30	0.25
2021	TJE	2021-11-03 10:00	0.25
2021	TJE	2021-11-03 10:30	0.25
2021	TJE	2021-11-03 22:30	0.75
2021	TJE	2021-11-03 23:30	1.00
2021	TJE	2021-11-04 08:45	3.75
2021	TJE	2021-11-05 01:00	1.00
2021	TJE	2021-11-05 08:15	5.50
2021	TJE	2021-11-06 00:45	4.25
2021	TJE	2021-11-06 08:15	5.25
2021	TJE	2021-11-07 00:45	12.00
2021	TJE	2021-11-08 03:15	4.75
2021	TJE	2021-11-08 08:30	0.50
2021	TJE	2021-11-08 09:15	5.75
2021	TJE	2021-11-09 03:00	13.25
2021	TJE	2021-11-09 17:15	0.25
2021	TJE	2021-11-10 04:45	10.75
2021	TJE	2021-11-10 19:30	0.25
2021	TJE	2021-11-11 05:15	3.50
2021	TJE	2021-11-11 13:30	1.25
2021	TJE	2021-11-11 15:45	4.50
2021	TJE	2021-11-12 06:45	4.00
2021	TJE	2021-11-12 20:00	0.75
2021	TJE	2021-11-12 21:45	0.50
2021	TJE	2021-11-13 07:15	4.00
2021	TJE	2021-11-13 22:45	0.75
2021	TJE	2021-11-13 23:45	0.50
2021	TJE	2021-11-14 08:45	3.50
2021	TJE	2021-11-15 00:00	1.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-11-15 10:15	2.50
2021	TJE	2021-11-15 23:00	3.25
2021	TJE	2021-11-16 11:15	1.75
2021	TJE	2021-11-17 01:45	1.75
2021	TJE	2021-11-17 07:00	0.25
2021	TJE	2021-11-17 10:45	0.50
2021	TJE	2021-11-17 11:30	2.00
2021	TJE	2021-11-18 02:45	1.25
2021	TJE	2021-11-18 04:15	0.25
2021	TJE	2021-11-18 05:15	0.25
2021	TJE	2021-11-18 12:15	0.50
2021	TJE	2021-11-25 01:00	0.25
2021	TJE	2021-12-02 07:30	1.50
2021	TJE	2021-12-02 09:15	0.50
2021	TJE	2021-12-02 10:00	0.25
2021	TJE	2021-12-02 23:30	1.75
2021	TJE	2021-12-03 06:00	5.00
2021	TJE	2021-12-03 12:00	0.75
2021	TJE	2021-12-03 23:30	3.25
2021	TJE	2021-12-04 06:00	6.00
2021	TJE	2021-12-04 12:45	0.50
2021	TJE	2021-12-04 23:45	3.50
2021	TJE	2021-12-05 06:30	4.25
2021	TJE	2021-12-05 13:15	0.50
2021	TJE	2021-12-06 00:15	4.75
2021	TJE	2021-12-06 07:15	6.25
2021	TJE	2021-12-07 01:00	4.50
2021	TJE	2021-12-07 08:00	5.00
2021	TJE	2021-12-07 13:15	0.25
2021	TJE	2021-12-08 01:00	5.50
2021	TJE	2021-12-08 09:15	7.00
2021	TJE	2021-12-09 01:00	5.50
2021	TJE	2021-12-09 11:15	0.25
2021	TJE	2021-12-09 13:00	3.00
2021	TJE	2021-12-09 16:15	0.25
2021	TJE	2021-12-09 17:15	0.25
2021	TJE	2021-12-10 00:45	5.00
2021	TJE	2021-12-10 15:30	0.50
2021	TJE	2021-12-10 16:30	0.25
2021	TJE	2021-12-10 20:15	0.25
2021	TJE	2021-12-10 20:45	0.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-12-10 22:15	0.25
2021	TJE	2021-12-11 02:30	4.75
2021	TJE	2021-12-11 09:30	1.00
2021	TJE	2021-12-11 18:30	1.25
2021	TJE	2021-12-11 20:00	0.25
2021	TJE	2021-12-11 21:45	0.75
2021	TJE	2021-12-12 00:00	4.25
2021	TJE	2021-12-12 17:00	3.75
2021	TJE	2021-12-12 23:15	0.25
2021	TJE	2021-12-13 01:00	0.50
2021	TJE	2021-12-13 01:45	0.25
2021	TJE	2021-12-13 02:30	0.25
2021	TJE	2021-12-13 06:00	2.75
2021	TJE	2021-12-13 21:30	1.50
2021	TJE	2021-12-14 02:45	0.25
2021	TJE	2021-12-14 03:15	0.25
2021	TJE	2021-12-14 04:30	0.50
2021	TJE	2021-12-14 06:45	2.50
2021	TJE	2021-12-15 13:30	0.75
2021	TJE	2021-12-15 16:45	1.50
2021	TJE	2021-12-15 19:45	0.75
2021	TJE	2021-12-16 08:45	0.25
2021	TJE	2021-12-16 09:15	0.25
2021	TJE	2021-12-16 10:00	0.25
2021	TJE	2021-12-17 08:45	0.25
2021	TJE	2021-12-19 09:15	0.25
2021	TJE	2021-12-19 10:30	0.25
2021	TJE	2021-12-20 08:00	0.25
2021	TJE	2021-12-20 09:45	1.50
2021	TJE	2021-12-20 11:30	0.25
2021	TJE	2021-12-24 13:00	1.25
2021	TJE	2021-12-24 15:45	0.25
2021	TJE	2021-12-24 16:30	0.25
2021	TJE	2021-12-24 19:00	4.75
2021	TJE	2021-12-25 00:00	0.25
2021	TJE	2021-12-25 01:30	0.50
2021	TJE	2021-12-25 04:30	2.75
2021	TJE	2021-12-25 07:30	0.25
2021	TJE	2021-12-25 08:30	0.25
2021	TJE	2021-12-25 09:00	2.50
2021	TJE	2021-12-25 11:45	2.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	TJE	2021-12-25 14:00	15.50
2021	TJE	2021-12-26 05:45	1.50
2021	TJE	2021-12-26 10:15	25.50
2021	TJE	2021-12-27 15:45	0.25
2021	TJE	2021-12-27 16:15	1.50
2021	TJE	2021-12-27 18:00	0.75
2021	TJE	2021-12-28 01:30	0.75
2021	TJE	2021-12-28 02:45	0.25
2021	TJE	2021-12-28 03:30	0.50
2021	TJE	2021-12-28 04:30	6.25
2021	TJE	2021-12-28 18:00	0.50
2021	TJE	2021-12-28 18:45	0.25
2021	TJE	2021-12-29 06:45	0.25
2021	TJE	2021-12-29 07:15	1.00
2021	TJE	2021-12-29 09:00	2.50
2021	TJE	2021-12-29 19:00	0.50
2021	SEL	2021-09-26 06:08	0.75
2021	SEL	2021-09-26 14:23	0.50
2021	SEL	2021-09-28 08:23	2.00
2021	SEL	2021-09-30 11:23	0.75
2021	SEL	2021-10-01 12:23	0.25
2021	SEL	2021-10-08 02:38	0.25
2021	SEL	2021-10-08 03:23	0.25
2021	SEL	2021-10-08 13:23	0.25
2021	SEL	2021-10-10 05:08	0.25
2021	SEL	2021-10-10 08:23	0.50
2021	SEL	2021-10-10 12:53	0.25
2021	SEL	2021-10-10 14:08	0.75
2021	SEL	2021-10-10 20:23	0.25
2021	SEL	2021-10-11 06:08	1.00
2021	SEL	2021-10-11 07:53	0.50
2021	SEL	2021-10-11 09:53	0.50
2021	SEL	2021-10-11 11:53	1.25
2021	SEL	2021-10-11 15:38	0.25
2021	SEL	2021-10-11 20:53	0.50
2021	SEL	2021-10-12 06:53	0.25
2021	SEL	2021-10-12 11:23	1.00
2021	SEL	2021-10-12 22:23	0.50
2021	SEL	2021-10-13 08:08	1.00
2021	SEL	2021-10-13 13:08	1.00
2021	SEL	2021-10-13 15:38	1.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	SEL	2021-10-13 17:53	0.50
2021	SEL	2021-10-14 00:08	0.25
2021	SEL	2021-10-14 08:08	1.75
2021	SEL	2021-10-14 10:23	1.50
2021	SEL	2021-10-14 14:23	0.50
2021	SEL	2021-10-14 19:53	0.25
2021	SEL	2021-10-15 01:23	0.50
2021	SEL	2021-10-15 15:08	0.50
2021	SEL	2021-10-15 21:53	0.50
2021	SEL	2021-10-16 02:38	0.25
2021	SEL	2021-10-16 15:53	0.25
2021	SEL	2021-10-20 05:23	0.25
2021	SEL	2021-10-20 17:38	0.25
2021	SEL	2021-10-21 05:53	0.50
2021	SEL	2021-10-22 12:23	0.25
2021	SEL	2021-10-22 17:53	0.75
2021	SEL	2021-10-23 05:08	2.25
2021	SEL	2021-10-23 12:08	0.50
2021	SEL	2021-10-24 05:38	0.50
2021	SEL	2021-10-24 06:38	1.75
2021	SEL	2021-10-24 11:53	0.50
2021	SEL	2021-10-24 18:53	0.50
2021	SEL	2021-10-26 05:38	0.50
2021	SEL	2021-10-26 06:38	9.00
2021	SEL	2021-10-26 16:23	0.25
2021	SEL	2021-10-26 20:08	0.50
2021	SEL	2021-10-26 21:08	0.25
2021	SEL	2021-10-26 21:53	0.25
2021	SEL	2021-10-27 10:38	9.00
2021	SEL	2021-10-27 20:53	2.75
2021	SEL	2021-10-28 00:38	60.75
2021	SEL	2021-10-30 14:53	1.50
2021	SEL	2021-10-31 01:53	0.50
2021	SEL	2021-10-31 05:23	7.75
2021	SEL	2021-10-31 15:23	0.75
2021	SEL	2021-11-01 02:38	0.50
2021	SEL	2021-11-01 08:08	0.25
2021	SEL	2021-11-01 15:53	0.25
2021	SEL	2021-11-01 23:23	0.25
2021	SEL	2021-11-02 03:38	0.25
2021	SEL	2021-11-02 15:53	0.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	SEL	2021-11-02 23:53	0.50
2021	SEL	2021-11-03 04:08	0.50
2021	SEL	2021-11-03 11:23	0.50
2021	SEL	2021-11-03 16:38	0.25
2021	SEL	2021-11-04 11:34	0.25
2021	SEL	2021-11-05 12:04	0.25
2021	SEL	2021-11-05 17:49	0.25
2021	SEL	2021-11-06 18:19	0.25
2021	SEL	2021-11-08 10:04	0.25
2021	SEL	2021-11-08 13:04	0.75
2021	SEL	2021-11-09 07:19	0.25
2021	SEL	2021-11-09 15:49	0.25
2021	SEL	2021-11-10 08:34	0.25
2021	SEL	2021-11-10 09:19	0.25
2021	SEL	2021-11-10 13:19	0.25
2021	SEL	2021-11-10 15:49	0.50
2021	SEL	2021-11-10 16:49	0.25
2021	SEL	2021-11-11 08:19	1.00
2021	SEL	2021-11-12 09:34	0.25
2021	CSM	2021-01-04 03:30	0.75
2021	CSM	2021-01-06 03:45	3.75
2021	CSM	2021-01-06 18:45	2.25
2021	CSM	2021-01-07 04:15	3.75
2021	CSM	2021-01-07 17:45	0.25
2021	CSM	2021-01-08 18:45	1.00
2021	CSM	2021-01-08 22:00	2.25
2021	CSM	2021-01-09 17:15	7.50
2021	CSM	2021-01-16 03:00	1.75
2021	CSM	2021-01-17 02:45	1.25
2021	CSM	2021-03-05 18:52	0.50
2021	CSM	2021-03-12 12:00	0.50
2021	CSM	2021-03-13 11:00	1.00
2021	CSM	2021-03-14 11:00	1.25
2021	CSM	2021-03-15 14:00	1.50
2021	CSM	2021-03-17 14:30	1.75
2021	CSM	2021-03-18 14:00	2.00
2021	CSM	2021-03-20 14:15	0.25
2021	CSM	2021-03-27 09:45	2.00
2021	CSM	2021-03-28 09:45	3.75
2021	CSM	2021-03-29 10:30	4.00
2021	CSM	2021-03-30 12:30	1.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-03-31 12:45	0.50
2021	CSM	2021-03-31 17:00	0.25
2021	CSM	2021-04-01 14:15	1.25
2021	CSM	2021-04-02 14:45	1.25
2021	CSM	2021-04-02 14:52	0.50
2021	CSM	2021-04-03 13:15	2.25
2021	CSM	2021-04-06 08:30	0.25
2021	CSM	2021-04-07 08:00	1.00
2021	CSM	2021-04-08 08:15	2.25
2021	CSM	2021-04-09 08:30	2.25
2021	CSM	2021-04-10 13:00	1.50
2021	CSM	2021-04-11 10:15	0.50
2021	CSM	2021-04-17 14:00	1.75
2021	CSM	2021-04-18 17:15	1.00
2021	CSM	2021-04-20 06:00	9.75
2021	CSM	2021-04-21 05:00	6.75
2021	CSM	2021-04-21 14:00	3.00
2021	CSM	2021-04-22 05:00	0.50
2021	CSM	2021-04-22 06:00	8.00
2021	CSM	2021-04-22 18:45	0.25
2021	CSM	2021-04-23 00:30	0.50
2021	CSM	2021-04-23 01:45	0.25
2021	CSM	2021-04-23 06:00	2.00
2021	CSM	2021-04-23 10:00	8.25
2021	CSM	2021-04-23 19:15	0.25
2021	CSM	2021-04-23 20:15	0.50
2021	CSM	2021-04-24 00:45	0.25
2021	CSM	2021-04-24 01:15	1.25
2021	CSM	2021-04-24 03:15	0.25
2021	CSM	2021-04-24 03:45	10.50
2021	CSM	2021-04-24 15:30	0.50
2021	CSM	2021-04-24 19:00	1.00
2021	CSM	2021-04-24 20:15	0.25
2021	CSM	2021-04-24 21:45	0.25
2021	CSM	2021-04-25 11:30	0.25
2021	CSM	2021-04-25 12:45	3.00
2021	CSM	2021-04-25 16:00	0.25
2021	CSM	2021-04-25 16:30	0.50
2021	CSM	2021-04-26 02:15	0.25
2021	CSM	2021-04-26 12:15	2.25
2021	CSM	2021-04-26 14:45	0.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-04-28 11:45	4.00
2021	CSM	2021-04-28 14:07	0.75
2021	CSM	2021-04-29 10:30	6.50
2021	CSM	2021-04-29 14:52	0.75
2021	CSM	2021-04-30 11:00	7.75
2021	CSM	2021-05-01 11:30	8.50
2021	CSM	2021-05-02 12:15	5.75
2021	CSM	2021-05-02 18:15	3.25
2021	CSM	2021-05-03 13:15	6.00
2021	CSM	2021-05-03 19:30	0.25
2021	CSM	2021-05-03 20:00	0.50
2021	CSM	2021-05-03 20:45	0.75
2021	CSM	2021-05-03 21:45	0.75
2021	CSM	2021-05-04 05:00	4.25
2021	CSM	2021-05-04 14:15	5.50
2021	CSM	2021-05-04 20:15	3.50
2021	CSM	2021-05-05 05:15	5.75
2021	CSM	2021-05-05 15:45	8.75
2021	CSM	2021-05-06 05:15	7.25
2021	CSM	2021-05-06 16:15	9.00
2021	CSM	2021-05-07 05:30	8.00
2021	CSM	2021-05-07 11:22	0.25
2021	CSM	2021-05-07 16:30	9.00
2021	CSM	2021-05-08 05:45	8.75
2021	CSM	2021-05-08 16:30	0.25
2021	CSM	2021-05-08 18:30	8.25
2021	CSM	2021-05-09 04:30	130.25
2021	CSM	2021-05-09 12:07	1.50
2021	CSM	2021-05-10 13:22	0.25
2021	CSM	2021-05-11 12:52	0.50
2021	CSM	2021-05-13 14:37	1.00
2021	CSM	2021-05-14 14:52	0.25
2021	CSM	2021-05-15 11:15	8.00
2021	CSM	2021-05-16 12:00	8.50
2021	CSM	2021-05-17 12:45	8.00
2021	CSM	2021-05-17 21:00	0.50
2021	CSM	2021-05-18 13:15	5.50
2021	CSM	2021-05-23 06:15	1.25
2021	CSM	2021-05-23 12:00	0.50
2021	CSM	2021-05-23 13:00	2.75
2021	CSM	2021-05-23 16:15	0.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-05-24 10:00	4.00
2021	CSM	2021-05-25 08:45	3.50
2021	CSM	2021-05-25 10:22	2.25
2021	CSM	2021-05-26 09:15	3.25
2021	CSM	2021-05-26 11:07	0.75
2021	CSM	2021-05-27 09:00	7.75
2021	CSM	2021-05-28 09:45	8.00
2021	CSM	2021-05-29 10:00	8.75
2021	CSM	2021-05-30 02:15	0.25
2021	CSM	2021-05-30 10:30	9.25
2021	CSM	2021-05-31 02:15	3.00
2021	CSM	2021-05-31 11:00	9.50
2021	CSM	2021-05-31 23:45	0.25
2021	CSM	2021-06-01 01:15	0.25
2021	CSM	2021-06-01 03:00	4.25
2021	CSM	2021-06-01 11:30	10.00
2021	CSM	2021-06-02 04:00	5.75
2021	CSM	2021-06-02 11:45	10.75
2021	CSM	2021-06-03 02:00	0.25
2021	CSM	2021-06-03 02:45	0.25
2021	CSM	2021-06-03 03:30	21.75
2021	CSM	2021-06-04 02:00	155.00
2021	CSM	2021-06-07 11:37	1.75
2021	CSM	2021-06-10 23:15	0.50
2021	CSM	2021-06-11 08:00	9.25
2021	CSM	2021-06-12 08:30	9.25
2021	CSM	2021-06-13 09:00	9.50
2021	CSM	2021-06-14 09:30	9.75
2021	CSM	2021-06-15 03:15	0.25
2021	CSM	2021-06-15 10:15	9.75
2021	CSM	2021-06-16 03:15	0.50
2021	CSM	2021-06-16 04:00	0.25
2021	CSM	2021-06-16 04:45	0.75
2021	CSM	2021-06-16 11:00	9.75
2021	CSM	2021-06-17 04:00	0.50
2021	CSM	2021-06-17 04:45	3.00
2021	CSM	2021-06-17 12:15	9.50
2021	CSM	2021-06-18 05:15	4.50
2021	CSM	2021-06-18 13:00	9.25
2021	CSM	2021-06-19 05:45	6.00
2021	CSM	2021-06-19 14:00	8.75

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-06-20 06:30	6.25
2021	CSM	2021-06-20 15:45	7.25
2021	CSM	2021-06-21 06:15	7.50
2021	CSM	2021-06-21 17:15	5.75
2021	CSM	2021-06-22 06:45	7.50
2021	CSM	2021-06-22 19:30	1.25
2021	CSM	2021-06-23 07:00	8.00
2021	CSM	2021-06-24 07:30	8.50
2021	CSM	2021-06-24 21:45	0.25
2021	CSM	2021-06-24 22:30	1.25
2021	CSM	2021-06-25 08:30	8.25
2021	CSM	2021-06-26 09:15	7.75
2021	CSM	2021-06-26 13:37	0.50
2021	CSM	2021-06-27 00:30	0.25
2021	CSM	2021-06-27 01:15	0.25
2021	CSM	2021-06-27 10:00	8.00
2021	CSM	2021-06-27 15:07	0.25
2021	CSM	2021-06-28 01:30	0.50
2021	CSM	2021-06-28 02:30	0.75
2021	CSM	2021-06-28 10:15	7.25
2021	CSM	2021-06-28 14:52	0.25
2021	CSM	2021-06-28 22:00	0.50
2021	CSM	2021-06-29 01:30	3.25
2021	CSM	2021-06-29 10:30	7.75
2021	CSM	2021-06-29 22:30	0.50
2021	CSM	2021-06-29 23:15	0.25
2021	CSM	2021-06-30 02:15	0.25
2021	CSM	2021-06-30 02:45	3.75
2021	CSM	2021-06-30 11:00	7.00
2021	CSM	2021-07-01 05:45	0.25
2021	CSM	2021-07-01 07:15	1.25
2021	CSM	2021-07-01 12:00	8.25
2021	CSM	2021-07-02 06:00	4.50
2021	CSM	2021-07-02 13:00	7.00
2021	CSM	2021-07-02 20:30	0.50
2021	CSM	2021-07-03 06:30	5.75
2021	CSM	2021-07-03 14:45	6.00
2021	CSM	2021-07-03 21:30	0.25
2021	CSM	2021-07-04 06:30	6.25
2021	CSM	2021-07-04 09:52	0.50
2021	CSM	2021-07-04 16:30	5.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-07-05 07:30	5.25
2021	CSM	2021-07-05 11:07	1.00
2021	CSM	2021-07-05 18:30	1.50
2021	CSM	2021-07-05 20:15	0.50
2021	CSM	2021-07-05 21:00	0.50
2021	CSM	2021-07-06 07:45	4.25
2021	CSM	2021-07-06 10:22	0.25
2021	CSM	2021-07-06 19:00	0.25
2021	CSM	2021-07-06 19:30	0.25
2021	CSM	2021-07-06 20:00	0.50
2021	CSM	2021-07-06 21:00	0.75
2021	CSM	2021-07-07 08:00	4.50
2021	CSM	2021-07-07 10:52	0.75
2021	CSM	2021-07-08 08:15	4.25
2021	CSM	2021-07-09 08:15	4.25
2021	CSM	2021-07-09 11:22	0.25
2021	CSM	2021-07-10 09:00	3.50
2021	CSM	2021-07-10 11:22	0.50
2021	CSM	2021-07-11 09:30	3.75
2021	CSM	2021-07-11 11:07	0.75
2021	CSM	2021-07-12 10:15	4.50
2021	CSM	2021-07-12 12:52	1.75
2021	CSM	2021-07-13 11:00	4.25
2021	CSM	2021-07-13 13:22	0.50
2021	CSM	2021-07-14 11:45	6.50
2021	CSM	2021-07-15 12:30	6.50
2021	CSM	2021-07-16 06:15	0.50
2021	CSM	2021-07-16 11:30	7.00
2021	CSM	2021-07-16 18:45	0.50
2021	CSM	2021-07-17 06:00	2.75
2021	CSM	2021-07-17 12:00	6.50
2021	CSM	2021-07-17 19:15	0.50
2021	CSM	2021-07-18 05:00	5.75
2021	CSM	2021-07-18 13:45	6.75
2021	CSM	2021-07-19 05:30	6.75
2021	CSM	2021-07-19 15:15	4.00
2021	CSM	2021-07-20 05:30	8.00
2021	CSM	2021-07-20 18:15	2.50
2021	CSM	2021-07-21 06:30	7.25
2021	CSM	2021-07-21 17:30	0.25
2021	CSM	2021-07-21 19:45	0.50

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-07-21 20:30	0.25
2021	CSM	2021-07-21 21:00	0.50
2021	CSM	2021-07-22 07:15	7.25
2021	CSM	2021-07-22 16:45	3.50
2021	CSM	2021-07-22 20:30	2.50
2021	CSM	2021-07-23 07:45	3.00
2021	CSM	2021-07-23 09:52	0.25
2021	CSM	2021-07-23 18:30	5.50
2021	CSM	2021-07-24 05:45	0.25
2021	CSM	2021-07-24 08:15	3.25
2021	CSM	2021-07-24 10:22	0.25
2021	CSM	2021-07-24 18:30	4.00
2021	CSM	2021-07-24 20:37	2.50
2021	CSM	2021-07-25 09:15	2.75
2021	CSM	2021-07-25 11:07	0.25
2021	CSM	2021-07-25 20:30	0.25
2021	CSM	2021-07-25 21:30	4.75
2021	CSM	2021-07-26 09:45	2.75
2021	CSM	2021-07-26 16:22	0.25
2021	CSM	2021-07-26 20:45	0.25
2021	CSM	2021-07-26 22:15	0.25
2021	CSM	2021-07-26 22:45	3.25
2021	CSM	2021-07-27 00:22	0.75
2021	CSM	2021-07-27 10:00	5.00
2021	CSM	2021-07-27 11:52	0.75
2021	CSM	2021-07-28 10:15	7.50
2021	CSM	2021-07-29 05:00	0.25
2021	CSM	2021-07-29 10:15	4.75
2021	CSM	2021-07-29 12:52	0.50
2021	CSM	2021-07-29 14:07	1.00
2021	CSM	2021-07-30 04:15	0.75
2021	CSM	2021-07-30 05:15	0.25
2021	CSM	2021-07-30 06:00	0.25
2021	CSM	2021-07-30 07:15	0.25
2021	CSM	2021-07-30 08:00	0.25
2021	CSM	2021-07-30 10:30	0.25
2021	CSM	2021-07-30 11:00	7.75
2021	CSM	2021-07-31 04:00	0.25
2021	CSM	2021-07-31 06:30	0.50
2021	CSM	2021-07-31 07:15	12.50
2021	CSM	2021-08-01 06:45	12.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-08-02 08:00	5.50
2021	CSM	2021-08-03 08:15	6.00
2021	CSM	2021-08-04 08:15	6.25
2021	CSM	2021-08-05 08:30	6.00
2021	CSM	2021-08-06 08:45	6.25
2021	CSM	2021-08-07 09:15	6.25
2021	CSM	2021-08-08 09:45	6.25
2021	CSM	2021-08-08 22:45	0.25
2021	CSM	2021-08-08 23:15	0.25
2021	CSM	2021-08-09 10:30	6.00
2021	CSM	2021-08-10 09:45	6.50
2021	CSM	2021-08-10 11:37	0.50
2021	CSM	2021-08-11 11:00	5.50
2021	CSM	2021-08-11 15:07	0.25
2021	CSM	2021-08-12 11:15	3.75
2021	CSM	2021-08-12 13:22	1.25
2021	CSM	2021-08-13 11:30	6.00
2021	CSM	2021-08-14 12:00	6.00
2021	CSM	2021-08-15 07:00	1.75
2021	CSM	2021-08-15 13:30	4.00
2021	CSM	2021-08-16 05:30	5.00
2021	CSM	2021-08-16 15:45	2.50
2021	CSM	2021-08-17 05:45	4.75
2021	CSM	2021-08-17 08:07	0.50
2021	CSM	2021-08-18 06:30	5.00
2021	CSM	2021-08-18 09:37	1.50
2021	CSM	2021-08-19 07:15	6.25
2021	CSM	2021-08-20 07:45	6.75
2021	CSM	2021-08-21 08:30	6.00
2021	CSM	2021-08-21 11:22	0.50
2021	CSM	2021-08-22 09:45	5.50
2021	CSM	2021-08-23 10:30	5.25
2021	CSM	2021-08-24 11:00	5.25
2021	CSM	2021-08-25 11:15	5.00
2021	CSM	2021-08-26 11:45	5.00
2021	CSM	2021-08-27 11:45	3.50
2021	CSM	2021-08-27 15:15	1.75
2021	CSM	2021-08-28 11:00	6.75
2021	CSM	2021-08-29 12:45	5.00
2021	CSM	2021-08-30 09:00	0.50
2021	CSM	2021-08-30 10:00	1.00

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-08-30 11:15	0.25
2021	CSM	2021-08-31 08:45	4.00
2021	CSM	2021-09-01 08:00	0.50
2021	CSM	2021-09-01 08:45	4.75
2021	CSM	2021-09-02 08:15	6.00
2021	CSM	2021-09-03 08:30	6.00
2021	CSM	2021-09-04 08:15	6.25
2021	CSM	2021-09-05 09:15	5.50
2021	CSM	2021-09-06 09:30	5.50
2021	CSM	2021-09-07 10:00	4.75
2021	CSM	2021-09-07 12:07	0.50
2021	CSM	2021-09-08 10:30	3.25
2021	CSM	2021-09-08 12:22	0.25
2021	CSM	2021-09-09 10:45	4.75
2021	CSM	2021-09-09 13:37	0.25
2021	CSM	2021-09-10 02:00	1.75
2021	CSM	2021-09-10 11:00	3.50
2021	CSM	2021-09-10 13:22	1.00
2021	CSM	2021-09-11 03:45	1.25
2021	CSM	2021-09-11 11:30	5.00
2021	CSM	2021-09-12 04:30	2.75
2021	CSM	2021-09-12 12:30	4.75
2021	CSM	2021-09-13 05:45	3.50
2021	CSM	2021-09-13 13:15	1.00
2021	CSM	2021-09-13 14:30	3.25
2021	CSM	2021-09-14 06:00	4.75
2021	CSM	2021-09-15 06:30	5.75
2021	CSM	2021-09-16 06:45	5.50
2021	CSM	2021-09-16 10:22	0.50
2021	CSM	2021-09-16 20:15	0.75
2021	CSM	2021-09-17 08:00	4.25
2021	CSM	2021-09-17 10:22	1.00
2021	CSM	2021-09-18 08:30	5.25
2021	CSM	2021-09-19 09:00	2.75
2021	CSM	2021-09-19 10:22	2.50
2021	CSM	2021-09-20 09:15	4.50
2021	CSM	2021-09-20 11:22	0.75
2021	CSM	2021-09-21 09:15	3.50
2021	CSM	2021-09-21 11:37	2.00
2021	CSM	2021-09-22 01:00	0.25
2021	CSM	2021-09-22 09:30	4.25

Year	Wetland¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-09-22 11:37	1.50
2021	CSM	2021-09-23 01:45	0.25
2021	CSM	2021-09-23 02:30	0.50
2021	CSM	2021-09-23 10:00	5.25
2021	CSM	2021-09-24 03:30	0.50
2021	CSM	2021-09-24 10:15	5.25
2021	CSM	2021-09-24 12:07	0.25
2021	CSM	2021-09-25 03:00	3.00
2021	CSM	2021-09-25 09:45	0.50
2021	CSM	2021-09-25 10:30	5.50
2021	CSM	2021-09-26 04:15	3.25
2021	CSM	2021-09-26 11:15	5.25
2021	CSM	2021-09-27 04:00	0.50
2021	CSM	2021-09-27 05:00	6.50
2021	CSM	2021-09-27 12:30	2.75
2021	CSM	2021-09-28 08:00	3.50
2021	CSM	2021-09-29 08:30	0.25
2021	CSM	2021-09-29 09:15	0.25
2021	CSM	2021-09-29 09:45	0.50
2021	CSM	2021-09-29 10:45	0.75
2021	CSM	2021-09-30 09:00	3.25
2021	CSM	2021-10-01 08:00	5.00
2021	CSM	2021-10-02 07:15	0.25
2021	CSM	2021-10-02 07:45	4.25
2021	CSM	2021-10-02 10:37	1.00
2021	CSM	2021-10-03 07:45	5.75
2021	CSM	2021-10-04 08:45	4.75
2021	CSM	2021-10-04 11:37	0.25
2021	CSM	2021-10-26 06:00	0.25
2021	CSM	2021-10-30 09:00	3.00
2021	CSM	2021-10-30 19:30	2.25
2021	CSM	2021-10-31 04:30	7.75
2021	CSM	2021-10-31 21:30	1.50
2021	CSM	2021-11-01 06:00	6.50
2021	CSM	2021-11-02 08:00	4.50
2021	CSM	2021-11-03 08:00	4.75
2021	CSM	2021-11-04 08:15	4.75
2021	CSM	2021-11-05 09:45	3.25
2021	CSM	2021-11-06 03:15	0.50
2021	CSM	2021-11-06 10:00	2.50
2021	CSM	2021-11-07 04:30	0.50

Year	Wetland ¹	Hypoxic Event Start Time (YYYY-MM-DD HH:MM)	Hypoxic Event Duration (h)
2021	CSM	2021-11-07 11:45	1.50
2021	CSM	2021-11-09 04:15	0.50
2021	CSM	2021-11-09 05:15	2.00
2021	CSM	2021-11-10 06:15	0.25
2021	CSM	2021-11-10 07:00	0.25
2021	CSM	2021-11-11 07:00	1.00
2021	CSM	2021-11-12 07:00	2.25
2021	CSM	2021-11-13 05:00	0.50
2021	CSM	2021-11-13 05:45	4.50
2021	CSM	2021-11-14 05:00	6.25
2021	CSM	2021-11-15 06:00	5.50
2021	CSM	2021-11-16 06:45	5.25
2021	CSM	2021-11-17 08:00	4.25
2021	CSM	2021-11-18 09:00	3.50
2021	CSM	2021-11-19 10:15	2.25
2021	CSM	2021-11-20 11:00	0.25
2021	CSM	2021-11-30 10:45	0.25
2021	CSM	2021-12-01 08:30	2.50
2021	CSM	2021-12-02 08:45	0.25
2021	CSM	2021-12-02 09:15	0.25
2021	CSM	2021-12-02 09:45	0.50
2021	CSM	2021-12-03 09:30	1.75
2021	CSM	2021-12-07 04:30	0.25
2021	CSM	2021-12-15 07:30	4.25
2021	CSM	2021-12-28 05:15	0.25
2021	CSM	2021-12-28 06:00	0.25
2021	CSM	2021-12-28 06:30	0.50
2021	CSM	2021-12-28 07:15	0.25
2021	CSM	2021-12-28 08:30	0.25
2021	CSM	2021-12-29 07:15	0.25
2021	CSM	2021-12-29 08:00	0.75

¹Wetland names: MUL= Mugu Lagoon; TJE= Tijuana Estuary; SEL= San Elijo Lagoon; CSM= Carpinteria Salt Marsh

References

Ecological Society of America. 2012. Online at <https://www.esa.org/esa/wp-content/uploads/2012/12/hypoxia.pdf>. Accessed December 19, 2018.