

Burrowing mayfly (Hexagenia) nymphs in Lake Erie Western Basin - 2011-2023 - Ohio EPA Lake Erie Nearshore Monitoring Program

Field Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Station ID	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean	Station Mean
300863 NCAGL10-1163 off Ottawa R	11.33	89.74	89.74	57.69	1,000.00	12.82	38.46	38.46	-	no data	19.23	-	12.82
301356 MAYFLY STATION 5B E. of Middle Bass	2.00	96.15	435.90	230.77	128.21	307.69	134.62	435.90	314.10	no data	660.26	474.36	224.36
301357 Mayfly Station 6K N. of Kelleys	40.67	326.92	621.79	429.49	224.36	12.82	448.72	525.64	589.74	no data	339.74	166.67	403.85
301358 Mayfly Station 7K SE. of Kelleys	0.67	12.82	57.69	12.82	12.82	32.05	25.64	57.69	12.82	no data	-	19.23	-
301359 Mayfly Station 1M adj MR ship channel	1.67	38.46	44.87	38.46	12.82	70.51	173.08	19.23	32.05	no data	38.46	6.35	198.72
301360 Mayfly Station 7M off Cedar Pt Refg	36.33	237.18	160.26	878.21	570.51	1,000.00	57.69	179.49	775.64	no data	358.97	346.15	897.44
301361 Mayfly Station 1P off Port Clinton	17.33	416.67	25.64	371.79	224.36	108.97	320.51	141.03	192.31	no data	307.69	57.69	275.64
301362 Mayfly Station 6P W. of S. Bass	8.33	108.97	44.87	519.23	147.44	205.13	205.13	358.97	423.08	no data	179.49	121.79	551.28
301363 Mayfly Station 7P N. of Toussaint	2.67	237.18	102.56	269.23	467.95	314.10	89.74	1,128.21	230.77	no data	160.26	455.13	1,346.15

Year	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Western Basin Mean	258.55	173.79	175.93	311.97	309.83	229.34	165.95	320.51	285.61	no data	229.34	183.04	434.47
Western Basin Median	160.26	108.97	89.74	269.23	224.36	108.97	134.62	179.49	230.77	no data	179.49	121.79	275.64
Three-Year Average			202.75	220.56	265.91	283.71	235.04	238.60	257.36	no data	insufficient data	insufficient data	282.29

Imperiled	400	500+
Good	300	400
Excellent	200	300
Good	100	200
Fair	30	100
Poor	0	30



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