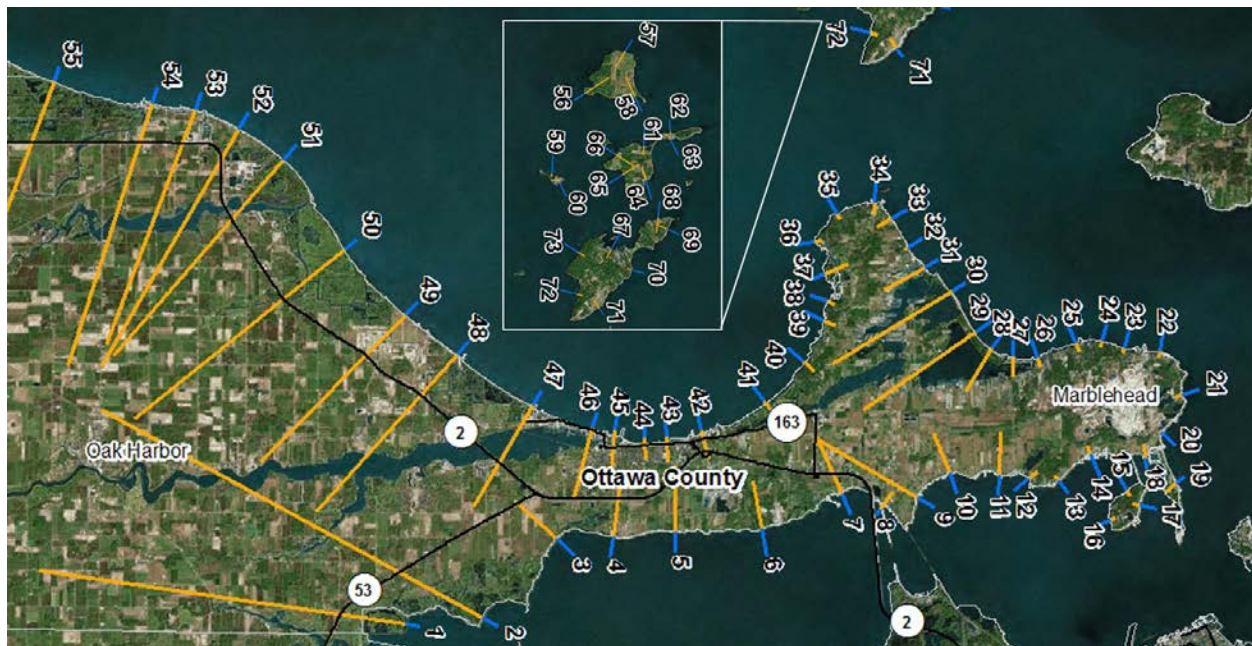


Ottawa County, OH – FEMA Coastal Analysis Datum Conversion Summary



The North American Vertical Datum of 1988 (NAVD88) is the standard vertical datum for all current National Flood Insurance Program products. Previously, the National Geodetic Vertical Datum of 1929 (NGVD29) was used, and during its Flood Map Modernization program (commonly referred to as Map Mod), the Federal Emergency Management Agency (FEMA) undertook the task of updating and converting Flood Insurance Rate Maps (FIRMs) to the NAVD88 datum. This Map Mod program included Sandusky County, and laid the foundation for today’s Risk Mapping, Assessment and Planning program (Risk MAP). FEMA is continuing to update the flood hazard data for the Risk MAP program to produce new FIRMs using the standard NAVD88 datum. Most elevations for local Great Lakes area work are measured using the International Great Lakes Datum of 1985 (IGLD85), so there is an extra step involved to compare Base Flood Elevations and other data associated with the workmaps produced as part of the ongoing coastal flood hazard analysis. To minimize the burden of conversion, the table below provides a conversion value from NAVD88 to IGLD85 for each transect. Add the conversion value to the NAVD88 elevation to obtain the IGLD85 elevation. Conversion values were generated using the National Oceanic and Atmospheric Administration’s VDatum software. The average conversion value for Ottawa County is -0.2173 feet.

Transect	Conversion from NAVD88 to IGLD (ft)	Transect [continued]	Conversion from NAVD88 to IGLD (ft) [continued]
1	0.0230	38	-0.2192
2	-0.2165	39	-0.2188
3	-0.2178	40	-0.2192
4	-0.2162	41	-0.2182
5	-0.2172	42	-0.2201
6	-0.2165	43	-0.2198
7	-0.2162	44	-0.2188
8	-0.2142	45	-0.2208
9	-0.2152	46	-0.2215
10	-0.2169	47	-0.2224
11	-0.2156	48	-0.2221
12	-0.2146	49	-0.2238
13	-0.2133	50	-0.2251
14	-0.2146	51	-0.2257
15	-0.2133	52	-0.2277

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16	-0.2156	53	-0.2247
17	-0.2162	54	-0.2257
18	-0.2136	55	-0.2280
19	-0.2142	56	-0.2287
20	-0.2149	57	-0.2306
21	-0.2149	58	-0.2264
22	-0.2146	59	-0.2310
23	-0.2156	60	-0.2264
24	-0.2156	61	-0.2274
25	-0.2139	62	-0.2280
26	-0.2152	63	-0.2277
27	-0.2159	64	-0.2264
28	-0.2169	65	-0.2270
29	-0.2162	66	-0.2267
30	-0.2185	67	-0.2257
31	-0.2221	68	-0.2254
32	-0.2215	69	-0.2260
33	-0.2218	70	-0.2244
34	-0.2205	71	-0.2228
35	-0.2244	72	-0.2238
36	-0.2228	73	-0.2254
37	-0.2201		