

Tidal Datums and Ranges for Open Coast Gauges of Coastal Florida
31-Mar-04

Station Name	Open Coastal Gauge I.D.	State Plane Coordinates NAD27/79		MHW (Ft. NGVD)	SHWL	State Plane Coordinates NAD83/90		ZONE	MHW (Ft. NAVD)	SHWL
		EASTING (Feet)	NORTHING (Feet)			EASTING (Feet)	NORTHING (Feet)			
FLORIDA EAST COAST										
Femandina Beach	0061	362649.81	2287406.62	3.11	11.69	518879.31	2287584.00	FL-E	1.95	10.53
Little Talbot Island	0194	372355.76	2216450.20	3.28	11.52	528586.48	2216625.71	FL-E	2.16	10.40
Jacksonville Beach	0291	377952.02	2163090.54	2.98	10.65	534183.58	2163264.82	FL-E	1.89	9.56
St Augustine Beach	0587	417053.67	2008422.56	2.48	9.41	573289.16	2008593.62	FL-E	1.43	8.36
Daytona Beach	1020	498405.18	1779242.33	2.27	8.50	654644.03	1779409.00	FL-E	1.09	7.32
Daytona Beach Shores	1120	511704.59	1749549.40	2.10	8.03	667943.36	1749715.72	FL-E	0.90	6.83
Patrick Air Force Base	1727	628785.91	1421930.52	2.09	7.40	785023.91	1422094.39	FL-E	0.66	5.97
Eau Gallie Beach	1804	619782.34	1383121.82	2.04	7.22	776020.05	1383285.70	FL-E	0.64	5.82
Vero Beach	2105	707153.65	1213218.30	1.91	7.10	863390.88	1213381.97	FL-E	0.42	5.61
Lake Worth Pier	2670	815854.41	829171.49	1.84	6.07	972092.53	829333.16	FL-E	0.30	4.53
Hillsboro Inlet	2862	800981.65	700015.89	1.79	5.69	957219.44	700176.80	FL-E	0.22	4.12
Lauderdale-by-the-Sea	2899	797331.41	675151.18	1.93	5.83	953569.13	675311.98	FL-E	0.35	4.25
North Miami Beach	3050	789219.52	581194.67	1.71	5.46	945457.01	581355.03	FL-E	0.15	3.90
Miami Beach (City Pier)	3170	785773.29	522409.95	1.67	5.44	942010.61	522569.96	FL-E	0.11	3.88
FLORIDA LOWER GULF COAST										
Bay Port	7151	291286.83	1527111.33	1.88	5.42	447515.46	1527273.61	FL-W	1.05	4.59
Howard Park	6904	241667.70	1389244.60	1.50	4.71	397897.24	1389407.72	FL-W	0.64	3.85
Clearwater	6724	231561.35	1325079.09	1.29	4.11	387791.13	1325241.79	FL-W	0.43	3.25
Indian Rocks Beach Pier	6623	224898.87	1295432.55	1.13	3.77	381128.70	1295595.08	FL-W	0.26	2.90
St Petersburg Beach	6430	261046.14	1218243.36	1.17	3.39	417276.48	1218406.15	FL-W	0.23	2.45
Anna Maria	6243	268746.05	1150335.15	1.20	3.44	424976.64	1150498.14	FL-W	0.21	2.45
Venice Airport	5858	352475.83	995445.81	1.34	3.77	508705.59	995609.81	FL-W	0.21	2.64
Captiva Island, South	5383	351707.10	779777.00	1.27	3.81	507935.62	779940.68	FL-W	0.14	2.68
Naples	5110	563431.54	652958.84	1.55	4.68	719667.98	653120.08	FL-E	0.10	3.23
Marco Island	4967	589299.92	572441.43	1.71	5.16	745536.13	572602.32	FL-E	0.21	3.66
FLORIDA NORTHWEST PANHANDLE COAST										
Dauphin Island	5180	871380.81	472269.39	0.82	2.48	1027564.13	472345.30	AL-E	0.58	2.24
Gulf Shores	1289	999712.52	467866.88	1.13	3.00	968239.58	467957.32	FL-N	1.03	2.90
Navarre Beach	9678	1254261.65	508373.97	1.13	3.04	1222791.04	508462.58	FL-N	0.77	2.68
Panama City Beach	9189	1579274.67	434604.55	1.18	3.08	1547806.10	434692.45	FL-N	0.71	2.61
St Andrews Park	9141	1610651.22	414248.96	1.06	2.83	1579182.94	414336.37	FL-N	0.59	2.36
Mexico Beach	8995	1706517.15	346061.53	1.00	2.76	1675049.91	346147.60	FL-N	0.55	2.31
Cape San Bias	8942	1726862.58	244076.07	0.99	3.04	1695395.73	244161.43	FL-N	0.51	2.56
Alligator Point	8261	2035385.12	325491.24	1.49	4.38	2003917.59	325578.44	FL-N	0.87	3.76
Bald Point	8237	2050145.99	344903.70	1.76	5.18	2018678.33	344991.17	FL-N	1.13	4.55
GENERAL NOTES:1. Source of information - Bureau of Survey and Mapping, Division of State Lands, Florida Department of Environmental Protection, for the National Tidal Datum Epoch of 1960-1978. 2. MLLW = mean lower low water; MLW = mean low water; MTL = mean tide level, which along the open coast = MSL = mean sea level; MHW = mean high water; MHHW = mean higher high water; MTR = mean range of tide (i.e., MTR = MHW - MLW).										