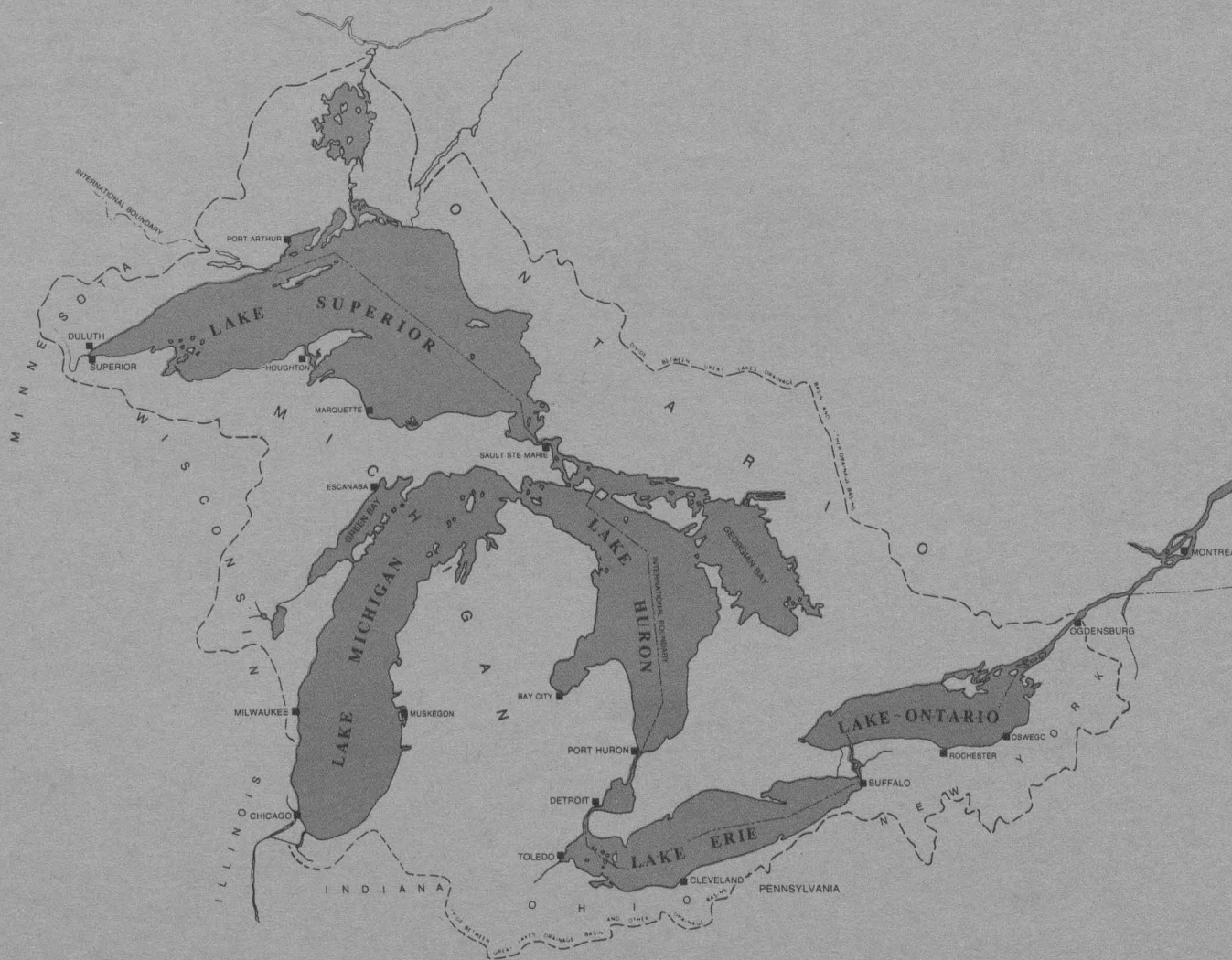


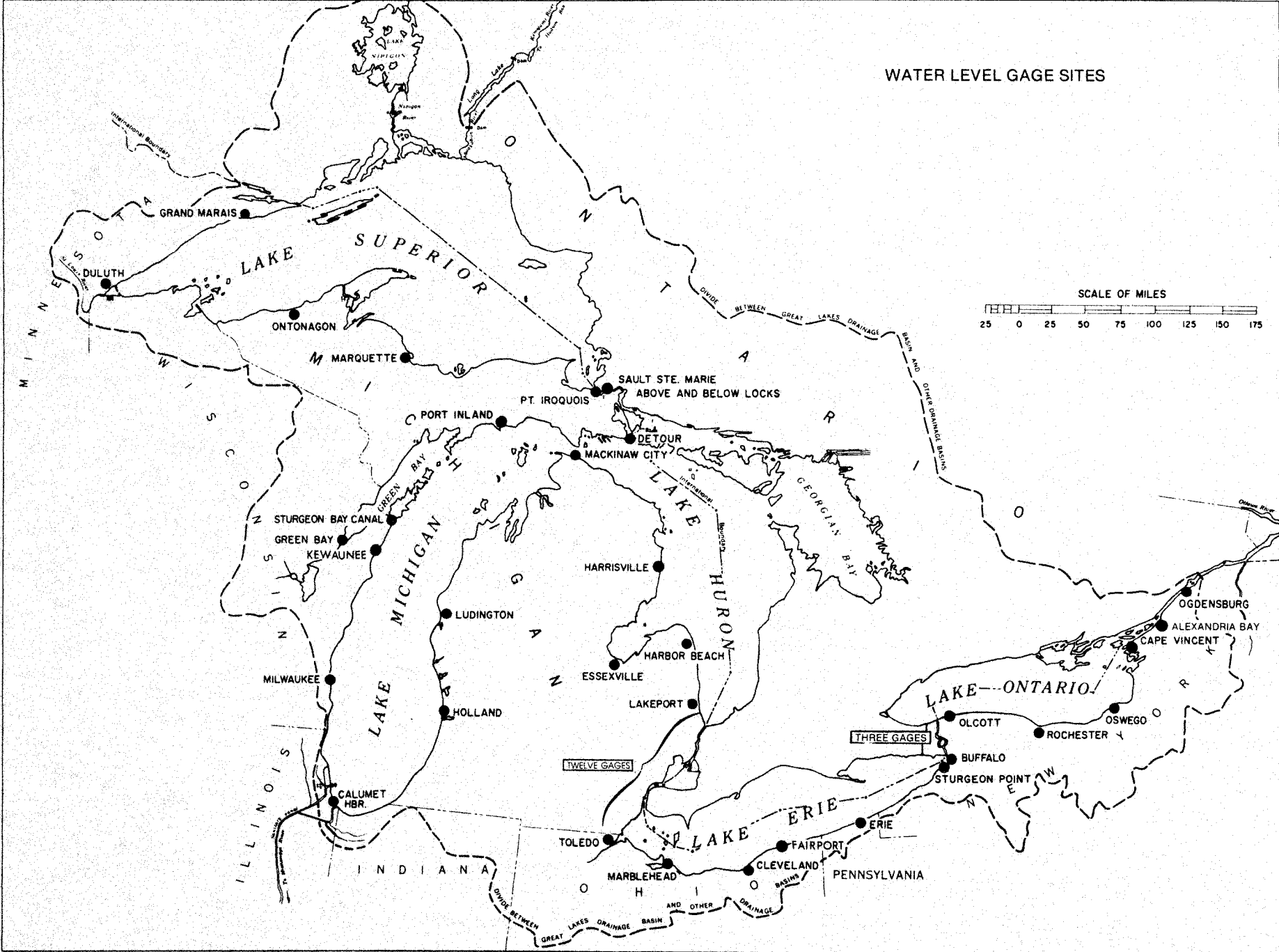


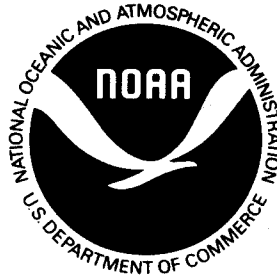
Great Lakes Water Levels, 1860 - 1990

U.S. DEPARTMENT OF COMMERCE, National Oceanic and Atmospheric Administration, National Ocean Service



WATER LEVEL GAGE SITES





GREAT LAKES WATER LEVELS

1860 - 1990

Monthly and Annual Average Water Surface Elevations

September 1992

INTRODUCTION

The Office of Ocean and Earth Sciences (OES), within the National Oceanic and Atmospheric Administration (NOAA), is responsible for collecting water level data for the entire Great Lakes Basin watershed (295,000 square miles), and for maintaining the International Great Lakes Datum (IGLD). In meeting these responsibilities, close coordination is maintained with other Federal agencies and Canadian counterparts. Exchanges of water level data with Canada are made under treaties that require regulation of operations and support of cooperative power generation. These exchanges are coordinated under the International Joint Commission (IJC), a group of six commissioners appointed by the President of the United States and the Prime Minister of Canada. Parties involved in meeting the international agreements include: several boards of control, IJC committees of two Federal agencies, eight states and two Canadian Provinces.

Beginning in 1970 (under authority of Presidential Reorganization Plan No. 4 (now part of U.S. Code 33 Title 883)), OES's predecessor organization began a program of monitoring and collecting water levels, and maintaining a vertical control reference system for the Great Lakes and their connecting channels. The program, required by Congress and by international treaties, has a mission of providing a hydraulic vertical reference datum by which the governments of Canada and the United States manage water resources in the Great Lakes Basin. International management of water resources in the Great Lakes Basin is vital to ensuring the safety of the lakes many users. The Great Lakes Program takes into account fluctuations of the lakes water levels and the outflows of rivers relative to: regulation, lake level forecasting, shipping, international cooperative treaties and agreements, riparian interests, hydroelectric power generation, construction, dredging, litigation, and other water resources management and development activities.

Presently, the Great Lakes Program is divided into office and field functions to address: basic water level measurements, vertical datums, earth movement (for the International Great Lakes Datum), basin precipitation, abstracts of diversions, vertical control support for hydrographic surveys, construction and maintenance activities, and needs of user communities. Since 1973, real-time data has been provided for emergency water planning situations by using water-level gauges with electronic telemetry units. Presently, 28 of these water level measurement units are operating in the field; OES plans to install and operate new state-of-the-art electronic telemetry systems in the future.

This report, published every five years, contains water level gauge records for the Great Lakes in units of meters. The following information is presented in tabular form:

1. Monthly and annual average levels for each permanent gauge for the period of record;
2. The average monthly levels for period of record;
3. The average monthly levels for the period 1900 through 1990;
4. The average monthly levels for the period 1981 through 1990;
5. The highest and the lowest monthly average levels for the period of record.

Locations of gauges for recording water levels are shown on the inside cover page. An index on subsequent pages lists gauge identification numbers, their locations, and their geographic coordinates.

A separate publication, printed yearly, shows daily and monthly average water levels, the highest and lowest daily average water level for each month, a frequency distribution of daily average water levels, and monthly average water level stages for each lake. Data in this publication are given in units of meters (latest issue: Great Lakes Water Levels, 1991). A hydrograph, that depicts data for master control gauges for each lake, is available for a nominal fee by writing: National Ocean Service, Office of Ocean and Earth Sciences, N/OES21, Rockville, Maryland, 20852.

DATUM OF REFERENCE: All tabulated elevations are referred to the International Great Lakes Datum (1985). A complete explanation of the datum can be obtained at no charge by writing the address above.

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Station Number and Location	Latitude North	Longitude West	Page
ST. LAWRENCE RIVER			
1030 Ogdensburg, New York	44 42 10	75 29 40	1
1062 Alexandria Bay C.G., New York	44 19 56	75 56 06	5
LAKE ONTARIO (CHART DATUM 74.2 m.)			
2000 Cape Vincent, New York	44 07 45	76 20 15	7
2030 OSWEGO, New York	43 27 51	76 30 42	12
2058 Rochester, New York	43 16 10	77 37 34	17
2076 Olcott, New York	43 20 17	78 43 39	22
NIAGARA RIVER			
3007 Ashland Avenue, Niagara Falls, New York	43 06 00	79 03 35	25
3009 American Falls, Niagara Falls, New York	43 04 54	79 03 42	28
3010 American Falls, Niagara Falls, New York	43 04 55	79 03 45	31
3012 Niagara Intake, Niagara Falls, New York	43 04 40	79 00 55	33
3117 Ontario Street, Buffalo, New York	42 56 35	78 54 37	36
3017 Black Rock Canal, Buffalo, New York	42 56 02	78 54 27	39
LAKE ERIE (CHART DATUM 173.5 m.)			
3020 Buffalo, New York	42 52 39	78 53 27	42
3028 Sturgeon Point, New York	42 41 27	79 02 52	47
3032 Barcelona, New York	42 20 35	79 35 50	50
3038 Erie, Pennsylvania	42 09 15	80 04 32	53
3053 FAIRPORT, Ohio	41 45 00	81 17 00	56
3063 Cleveland, Ohio	41 32 27	81 38 08	59
3079 Marblehead, Ohio	41 32 40	82 43 53	64
3085 Toledo, Ohio	41 41 36	83 28 20	67
3087 Monroe, Michigan	41 53 54	83 21 42	72
3090 Fermi Power Plant, Stony Point, Michigan	41 57 35	83 15 30	75

NOTES: Locations shown in **CAPITAL** letters are master gauges.

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Station Number and Location	Latitude North	Longitude West	Page
DETROIT RIVER			
4020 Gibraltar, Michigan	42 05 30	83 11 10	78
4030 Wyandotte, Michigan	42 12 12	83 08 50	83
4035 Fort Wayne, Detroit, Michigan	42 17 53	83 05 35	87
4036 Fort Wayne, Detroit, Michigan	42 17 53	83 05 34	90
4049 Windmill Point, Detroit, Michigan	42 21 26	82 55 45	93
LAKE ST. CLAIR (CHART DATUM 174.4 m.)			
4051 Grosse Pointe YC, Grosse Point Shores, Michigan	42 26 06	82 52 20	98
4052 ST. CLAIR SHORES, Michigan	42 28 24	82 52 45	102
ST. CLAIR RIVER			
4070 Algonac, Michigan	42 37 15	82 31 37	105
4080 St. Clair S.P., St. Clair, Michigan	42 48 45	82 29 09	110
4081 St. Clair, Michigan	42 48 15	82 27 55	113
4084 Marysville, Michigan	42 54 22	82 27 58	116
4087 Dry Dock, Port Huron, Michigan	42 56 43	82 26 37	120
4090 Mouth of the Black River, Port Huron, MI	42 58 25	82 25 16	125
4096 Dunn Paper Company, Port Huron, Michigan	43 00 12	82 25 20	129
4098 Fort Gratiot, Port Huron, Michigan	43 00 23	82 25 21	132
4099 Fort Graiot, Port Huron, Michigan	43 00 20	82 25 20	135
LAKE HURON (CHART DATUM 176.0 m.)			
5002 Lakeport, Michigan	43 08 30	82 29 35	139
5014 HARBOR BEACH, Michigan	43 50 45	82 38 38	142
5034 Essexville, Michigan	43 38 29	83 50 48	147
5035 Essexville, Michigan	43 38 29	83 50 48	149
5059 Harrisville, Michigan	44 39 34	83 17 11	152
5080 Mackinaw City, Michigan	45 46 40	84 43 10	155
5098 De Tour, Michigan	46 01 00	83 55 15	160
5099 De Tour Village, Michigan	45 59 30	83 53 48	165

NOTES: Locations shown in **CAPITAL** letters are master gauges.

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Station Number and Location	Latitude North	Longitude West	Page
ST. MARY'S RIVER			
6050 Frechette Point, Michigan	46 27 40	84 17 10	168
6060 U.S. Slip below locks, Sault Ste. Marie, MI	46 30 03	84 20 24	171
6070 S.W. Pier above locks, Sault Ste. Marie, MI	46 30 05	84 22 21	175
LAKE MICHIGAN (CHART DATUM 176.0 m.)			
7023 Ludington, Michigan	43 56 48	86 26 30	180
7031 Holland, Michigan	42 46 05	86 12 06	185
7044 Calumet Harbor, S. Chicago, Illinois	41 43 48	87 32 18	190
7057 Milwaukee, Wisconsin	43 00 05	87 53 13	194
7058 Milwaukee, Wisconsin	43 01 36	87 52 54	197
7068 Kewaunee, Wisconsin	44 27 48	87 30 00	201
7072 Sturgeon Bay Canal, Wisconsin	44 47 40	87 18 48	204
7078 Green Bay, Wisconsin	44 32 27	88 00 30	208
7079 Green Bay, Wisconsin	44 32 27	88 00 30	211
7096 Port Inland, Michigan	45 58 10	85 52 20	214
LAKE SUPERIOR (CHART DATUM 183.2 m.)			
9004 Point Iroquois, Michigan	46 29 06	84 37 52	217
9016 Marquette, Michigan	46 32 29	87 23 26	221
9018 MARQUETTE C.G., Michigan	46 32 42	87 22 42	226
9044 Ontonagon, Michigan	46 52 40	89 19 15	228
9064 Duluth, Minnesota	46 46 32	92 05 34	231
9070 Two Harbors, Minnesota	47 01 03	91 40 30	236
9090 Grand Marais, Minnesota	47 44 53	90 20 30	241

NOTES: Locations shown in **CAPITAL** letters are master gauges.

Station: 831-1030 Ogdensburg, New York on the St. Lawrence River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900									74.33	74.24	74.19	74.27	74.26
1901	74.22	74.15	74.09	74.39	74.53	74.58	74.53	74.44	74.36	74.24	74.11	74.14	74.31
1902	74.15	74.15	74.32	74.46	74.47	74.49	74.60	74.62	74.52	74.43	74.34	74.27	74.40
1903	74.26	74.27	74.48	74.72	74.76	74.72	74.76	74.70	74.62	74.52	74.44	74.34	74.55
1904	74.30	74.29	74.41	74.85	75.03	75.12	75.14	75.08	74.96	74.85	74.69	74.53	74.77
1905	74.55	74.44	74.35	74.61	74.67	74.78	74.88	74.85	74.82	74.73	74.66	74.58	74.66
1906	74.68	74.62	74.57	74.65	74.70	74.72	74.76	74.68	74.57	74.49	74.47	74.48	74.61
1907	74.65	74.71	74.68	74.81	74.90	74.90	74.93	74.86	74.74	74.71	74.68	74.70	74.77
1908									74.89				74.89
1909													
1910													
1911						74.50	74.48	74.37	74.25	74.21			74.36
1912													
1913									74.77	74.65			74.71
1914						74.84	74.77	74.66	74.60	74.45			74.66
1915													
1916													
1917													
1918													
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1920													
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1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934						74.10	74.02	73.90	73.80	73.74	73.66	73.66	73.84
1935	73.70	73.73	73.82	73.91	73.99	74.06	74.11	74.04	73.93	73.84	73.76	73.74	73.89
1936	73.73	73.74	73.85	74.31	74.38	74.31	74.23	74.07	74.01	73.97	73.97	73.87	74.04
1937	74.04	74.16	74.21	74.30	74.52	74.58	74.59	74.51	74.39	74.26	74.27	74.21	74.34
1938	74.10	74.15	74.27	74.52	74.56	74.55	74.50	74.49	74.36	74.29	74.23	74.15	74.35
1939	74.07	74.10	74.23	74.49	74.62	74.60	74.56	74.49	74.34	74.23	74.11	74.04	74.32

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 831-1030 Ogdensburg, New York on the St. Lawrence River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	73.98	73.89	73.91	74.21	74.42	74.54	74.55	74.45	74.36	74.25	74.21	74.22	74.25
1941	74.30	74.34	74.33	74.46	74.43	74.36	74.31	74.22	74.14	74.06	74.04	73.99	74.25
1942	74.02	73.97	74.15	74.40	74.50	74.58	74.59	74.51	74.42	74.34	74.34	74.36	74.35
1943	74.46	74.52	74.71	74.87	75.08	75.34	75.29	75.20	75.05	74.86	74.84	74.77	74.92
1944	74.57	74.48	74.48	74.66	74.85	74.90	74.92	74.80	74.68	74.55	74.39	74.38	74.64
1945	74.38	74.33	74.55	74.85	75.00	75.09	75.09	75.01	74.90	75.01	74.94	74.97	74.84
1946	74.93	74.83	74.93	74.94	74.87	74.92	74.88	74.78	74.66	74.58	74.58	74.52	74.78
1947	74.48	74.58	74.55	74.86	75.04	75.35	75.39	75.30	75.15	74.94	74.81	74.73	74.93
1948	74.66	74.62	74.78	75.07	75.17	75.20	75.14	75.02	74.82	74.67	74.63	74.56	74.86
1949	74.54	74.59	74.70	74.83	74.83	74.76	74.64	74.49	74.43	74.32	74.20	74.19	74.54
1950	74.35	74.44	74.53	74.89	74.96	74.94	74.89	74.76	74.63	74.56	74.54	74.61	74.68
1951	74.68	74.75	74.94	75.23	75.35	75.32	75.32	75.14	75.01	74.85	74.79	74.81	75.02
1952	74.87	75.00	75.12	75.36	75.46	75.49	75.38	75.22	75.09	74.96	74.77	74.78	75.12
1953	74.70	74.74	74.77	74.93	75.03	75.08	75.00	74.86	74.77	74.57	74.47	74.50	74.78
1954	74.36	74.42	74.69	74.86	75.07	75.04	74.94	74.79	74.69	74.68	74.69	74.72	74.74
1955	74.77	74.69	74.93	75.16	75.23	75.16	75.00	74.86	74.75	74.70	74.77	74.66	74.89
1956	74.52	74.44	74.47	74.72	74.99	75.04	74.94	74.82	74.76	74.58	74.47	74.37	74.68
1957	74.32	74.30	74.39	74.49	74.56	74.64	74.68	74.55	74.47	74.29	74.24	74.21	74.43
1958	74.21	74.16	74.23	74.33	74.40	74.40	74.32	74.28	74.22	74.12	74.10	74.00	74.23
1959	74.03	74.11	74.25	74.58	74.61	74.54	74.46	74.30	74.12	74.05	74.06	74.10	74.27
1960	74.23	74.31	74.31	74.66	74.84	74.85	74.73	74.52	74.36	74.34	74.36	74.28	74.48
1961	74.10	73.95	74.22	74.46	74.70	74.72	74.70	74.58	74.46	74.29	74.21	74.20	74.38
1962	74.11	73.99	74.08	74.48	74.70	74.76	74.70	74.66	74.54	74.49	74.41	74.42	74.44
1963	74.26	74.08	74.06	74.53	74.80	74.92	74.87	74.81	74.60	74.40	74.25	74.13	74.48
1964	73.99	73.80	73.86	74.13	74.42	74.53	74.52	74.41	74.26	74.04	73.84	73.68	74.12
1965	73.65	73.70	73.88	74.11	74.39	74.49	74.56	74.50	74.43	74.41	74.36	74.38	74.24
1966	74.35	74.26	74.44	74.52	74.63	74.74	74.73	74.66	74.53	74.43	74.31	74.39	74.50
1967	74.40	74.34	74.27	74.59	74.79	74.89	74.98	74.91	74.75	74.68	74.60	74.45	74.64
1968	74.36	74.39	74.44	74.66	74.66	74.80	74.87	74.73	74.57	74.39	74.22	74.34	74.53
1969	74.34	74.34	74.33	74.52	74.73	74.84	74.73	74.60	74.35	74.22	74.16	74.14	74.44
1970	74.13	74.11	74.16	74.46	74.63	74.69	74.74	74.63	74.46	74.32	74.24	74.21	74.40
1971	74.30	74.19	74.30	74.58	74.71	74.67	74.66	74.55	74.44	74.28	74.15	74.18	74.42
1972	74.34	74.30	74.33	74.63	74.87	74.90	75.00	74.88	74.63	74.40	74.32	74.46	74.59
1973	74.79	74.82	74.95	75.28	75.36	75.29	75.10	74.89	74.62	74.37	74.28	74.30	74.84
1974	74.56	74.66	74.74	74.94	75.18	75.20	75.11	74.84	74.57	74.30	74.17	74.17	74.70
1975	74.27	74.39	74.47	74.66	74.72	74.71	74.66	74.49	74.39	74.32	74.24	74.21	74.46
1976	74.31	74.36	74.67	75.05	75.19	75.11	75.00	74.81	74.64	74.46	74.35	74.29	74.69
1977	74.24	74.16	74.33	74.56	74.57	74.54	74.60	74.60	74.47	74.45	74.37	74.56	74.45
1978	74.76	74.69	74.53	74.91	74.95	74.88	74.71	74.56	74.37	74.27	74.16	74.22	74.58
1979	74.33	74.27	74.44	74.74	74.81	74.77	74.68	74.59	74.50	74.38	74.26	74.23	74.50

Station: 831-1030 Ogdensburg, New York on the St. Lawrence River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	74.32	74.27	74.28	74.68	74.80	74.80	74.78	74.69	74.50	74.32	74.22	74.24	74.49
1981	74.19	74.20	74.46	74.47	74.58	74.69	74.70	74.63	74.54	74.41	74.39	74.26	74.46
1982	74.30	74.20	74.24	74.64	74.64	74.72	74.67	74.53	74.36	74.24	74.23	74.21	74.42
1983	74.38	74.45	74.41	74.52	74.83	74.81	74.67	74.56	74.46	74.28	74.16	74.32	74.49
1984	74.39	74.39	74.49	74.77	74.96	74.95	74.85	74.61	74.43	74.27	74.21	74.19	74.54
1985	74.37	74.24	74.50	74.74	74.80	74.80	74.74	74.52	74.38	74.27	74.25	74.48	74.51
1986	74.56	74.51	74.62	74.90	74.86	74.94	74.89	74.84	74.68	74.75	74.62	74.61	74.73
1987	74.60	74.63	74.56	74.78	74.70	74.62	74.53	74.36	74.24	74.18	74.13	74.22	74.46
1988	74.26	74.22	74.25	74.45	74.61	74.65	74.59	74.54	74.41	74.31	74.28	74.19	74.40
1989	74.20	74.12	74.09	74.51	74.76	74.93	74.86	74.70	74.52	74.39	74.38	74.27	74.48
1990	74.22	74.25	74.44	74.68	74.76	74.79	74.67	74.53	74.38	74.33	74.32	74.37	74.48
1991													
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Station: 831-1030 Ogdensburg, New York on the St. Lawrence River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1900 thru 1990													
	74.34	74.32	74.41	74.66	74.78	74.80	74.76	74.65	74.52	74.41	74.34	74.32	74.53
Monthly and Annual Averages for Period 1981 thru 1990													
	74.35	74.32	74.41	74.65	74.75	74.79	74.72	74.58	74.44	74.34	74.30	74.31	74.50
Highest Monthly and Annual Average for Period 1900 thru 1990													
Level	74.93	75.00	75.12	75.36	75.46	75.49	75.39	75.30	75.15	75.01	74.94	74.97	75.12
Year	1946	1952	1952	1952	1952	1952	1947	1947	1947	1945	1945	1945	1952
Lowest Monthly and Annual Average for Period 1900 thru 1990													
Level	73.65	73.70	73.82	73.91	73.99	74.06	74.02	73.90	73.80	73.74	73.66	73.66	73.84
Year	1965	1965	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1900 thru 1990							75.49	Jun	1952				
Lowest Monthly Average for Period 1900 thru 1990							73.65	Jan	1965				

Station: 831-1062 Alexandria Bay C.G., New York on St. Lawrence River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980													
1981													
1982													
1983													
1984	74.62	74.62	74.74	74.96	75.15	75.02	74.87	74.80	74.67	74.48	74.37	74.51	74.67
						75.16	75.06	74.85	74.66	74.48	74.40	74.37	74.76
1985	74.55	74.49	74.72	74.94	75.01	75.02	74.96	74.75	74.62	74.48	74.48	74.61	74.72
1986	74.83	74.80	74.90	75.12	75.11	75.17	75.14	75.08	74.93	74.99	74.87	74.85	74.98
1987	74.84	74.88	74.81	75.02	74.95	74.86	74.76	74.59	74.46	74.38	74.31	74.42	74.69
1988	74.44	74.46	74.45	74.62	74.76	74.80	74.75	74.70	74.58	74.46	74.44	74.35	74.57
1989	74.34	74.32	74.27	74.62	74.89	75.09	75.05	74.89	74.71	74.56	74.55	74.45	74.64
1990	74.43	74.48	74.63	74.85	74.96	74.99	74.87	74.72	74.57	74.51	74.50	74.54	74.67
1991													
1992													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 831-1062 Alexandria Bay C.G., New York on St. Lawrence River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1983 thru 1990

	74.58	74.58	74.65	74.88	74.97	75.01	74.93	74.80	74.65	74.54	74.49	74.51	74.71
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Highest Monthly and Annual Average for Period 1983 thru 1990

Level	74.84	74.88	74.90	75.12	75.15	75.17	75.14	75.08	74.93	74.99	74.87	74.85	74.98
Year	1987	1987	1986	1986	1984	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1983 thru 1990

Level	74.34	74.32	74.27	74.62	74.76	74.80	74.75	74.59	74.46	74.38	74.31	74.35	74.57
Year	1989	1989	1989	1989	1988	1988	1988	1987	1987	1987	1987	1988	1988

Highest Monthly Average for Period 1983 thru 1990 75.17 Jun 1986

Lowest Monthly Average for Period 1983 thru 1990 74.27 Mar 1989

Station: 905-2000 Cape Vincent, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
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1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899												74.43	74.43

Station: 905-2000 Cape Vincent, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914							74.99	74.88	74.83				74.90
1915													
1916	74.52	74.60	74.61	74.90	75.13	75.36	75.36	75.19	75.00	74.80	74.68	74.60	74.90
1917	74.56	74.50	74.55	74.85	74.93	75.08	75.23	75.21	75.07	75.00	74.99	74.94	74.91
1918	74.84	74.78	74.99	75.14	75.12	75.11	75.05	74.92	74.85	74.78	74.79	74.76	74.93
1919	74.82	74.76	74.81	74.99	75.24	75.39	75.35	75.20	75.05	74.90	74.81	74.72	75.00
1920	74.58	74.50	74.50	74.65	74.67	74.67	74.71	74.67	74.63	74.58	74.54	74.62	74.61
1921	74.66	74.62	74.74	74.91	75.00	74.97	74.90	74.77	74.62	74.52	74.42	74.44	74.71
1922	74.41	74.42	74.50	74.80	74.94	75.00	75.07	74.94	74.78	74.65	74.51	74.38	74.70
1923	74.32	74.32	74.41	74.59	74.66	74.76	74.71	74.60	74.49	74.36	74.28	74.32	74.48
1924	74.42	74.42	74.44	74.58	74.80	74.85	74.84	74.78	74.67	74.60	74.46	74.36	74.60
1925	74.22	74.30	74.53	74.64	74.66	74.60	74.53	74.44	74.34	74.26	74.28	74.35	74.43
1926	74.26	74.18	74.20	74.46	74.59	74.58	74.54	74.47	74.44	74.47	74.57	74.63	74.45
1927	74.55	74.57	74.69	74.77	74.77	74.82	74.79	74.70	74.56	74.46	74.43	74.68	74.65
1928	74.80	74.77	74.77	74.92	74.96	74.95	75.00	74.96	74.83	74.71	74.68	74.73	74.84
1929	74.75	74.74	74.83	75.17	75.47	75.53	75.50	75.39	75.22	75.06	74.98	74.89	75.13
1930	75.08	75.12	75.29	75.40	75.42	75.43	75.42	75.23	75.04	74.87	74.69	74.56	75.13
1931	74.46	74.40	74.38	74.47	74.51	74.59	74.55	74.43	74.35	74.25	74.18	74.14	74.39
1932	74.28	74.49	74.54	74.72	74.83	74.80	74.74	74.65	74.48	74.36	74.30	74.28	74.54
1933	74.28	74.26	74.22	74.39	74.55	74.59	74.51	74.39	74.30	74.16	74.03	74.00	74.31
1934	74.09	74.10	74.11	74.26	74.31	74.26	74.18	74.04	73.94	73.87	73.78	73.78	74.06
1935	73.83	73.88	73.96	74.06	74.14	74.22	74.27	74.20	74.07	73.97	73.91	73.89	74.03
1936	73.87	73.81	74.01	74.48	74.56	74.51	74.41	74.25	74.17	74.13	74.12	74.05	74.20
1937	74.22	74.36	74.44	74.47	74.72	74.78	74.78	74.74	74.56	74.44	74.40	74.36	74.52
1938	74.30	74.39	74.57	74.70	74.76	74.76	74.68	74.68	74.55	74.48	74.40	74.34	74.55
1939	74.28	74.26	74.42	74.73	74.82	74.80	74.76	74.69	74.54	74.42	74.28	74.21	74.52

Station: 905-2000 Cape Vincent, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	74.16	74.09	74.11	74.39	74.62	74.75	74.76	74.67	74.56	74.44	74.39	74.40	74.44
1941	74.50	74.55	74.56	74.65	74.63	74.55	74.49	74.40	74.31	74.22	74.21	74.16	74.44
1942	74.18	74.16	74.32	74.60	74.70	74.81	74.77	74.73	74.63	74.55	74.54	74.56	74.55
1943	74.68	74.76	74.92	75.10	75.34	75.60	75.55	75.46	75.31	75.10	75.08	74.97	75.16
1944	74.80	74.74	74.72	74.87	75.09	75.13	75.14	75.02	74.90	74.74	74.59	74.56	74.86
1945	74.56	74.56	74.77	75.06	75.24	75.35	75.34	75.25	75.14	75.26	75.19	75.21	75.08
1946	75.17	75.10	75.20	75.19	75.10	75.15	75.13	75.02	74.87	74.78	74.78	74.72	75.02
1947	74.72	74.85	74.84	75.09	75.29	75.64	75.67	75.59	75.43	75.18	75.04	74.95	75.19
1948	74.89	74.86	75.02	75.33	75.44	75.47	75.40	75.26	75.06	74.90	74.83	74.77	75.10
1949	74.76	74.87	74.95	75.05	75.07	75.00	74.87	74.72	74.62	74.50	74.40	74.37	74.76
1950	74.55	74.69	74.79	75.12	75.18	75.17	75.12	75.01	74.88	74.79	74.76	74.84	74.91
1951	74.90	74.99	75.19	75.48	75.63	75.60	75.59	75.41	75.26	75.09	75.02	75.04	75.27
1952	75.12	75.29	75.38	75.63	75.74	75.78	75.66	75.50	75.35	75.19	75.01	75.00	75.39
1953	74.95	74.98	75.03	75.19	75.30	75.35	75.26	75.13	75.02	74.83	74.70	74.70	75.04
1954	74.62	74.68	74.92	75.11	75.34	75.32	75.21	75.06	74.94	74.94	74.94	74.97	75.00
1955	75.05	74.99	75.22	75.45	75.51	75.45	75.28	75.14	75.00	74.96	75.01	74.92	75.16
1956	74.78	74.71	74.77	74.96	75.24	75.32	75.22	75.09	75.02	74.84	74.70	74.61	74.94
1957	74.56	74.57	74.62	74.71	74.79	74.86	74.92	74.80	74.69	74.53	74.43	74.40	74.66
1958	74.44	74.40	74.46	74.56	74.61	74.61	74.56	74.49	74.42	74.33	74.28	74.21	74.45
1959	74.20	74.30	74.48	74.80	74.86	74.82	74.72	74.53	74.35	74.26	74.25	74.36	74.49
1960	74.45	74.57	74.59	74.87	75.11	75.15	75.02	74.81	74.61	74.53	74.53	74.47	74.73
1961	74.35	74.25	74.42	74.66	74.95	75.01	74.97	74.84	74.72	74.54	74.42	74.39	74.63
1962	74.34	74.26	74.30	74.61	74.86	74.95	74.90	74.86	74.76	74.70	74.61	74.60	74.64
1963	74.49	74.31	74.33	74.68	74.93	75.08	75.05	75.00	74.79	74.59	74.43	74.33	74.67
1964	74.20	74.05	74.05	74.26	74.56	74.69	74.70	74.59	74.45	74.22	74.02	73.87	74.30
1965	73.83	73.87	74.06	74.24	74.52	74.65	74.74	74.68	74.60	74.57	74.55	74.59	74.41
1966	74.56	74.51	74.65	74.74	74.81	74.92	74.93	74.86	74.76	74.62	74.52	74.59	74.71
1967	74.61	74.62	74.54	74.78	74.97	75.09	75.17	75.13	74.98	74.92	74.89	74.77	74.87
1968					74.90	75.02	75.10	74.99	74.86	74.67	74.55	74.60	74.84
1969	74.64	74.63	74.65	74.83	75.00	75.15	75.08	74.98	74.69	74.51			74.82
1970					74.89	74.95	75.00	74.93	74.75	74.63	74.56	74.52	74.78
1971	74.59	74.57	74.69	74.85	75.01	74.98	74.93	74.84	74.74	74.58	74.42	74.40	74.72
1972	74.52	74.58	74.68	74.93	75.21	75.27	75.39	75.29	75.03	74.78	74.68	74.70	74.92
1973				75.67	75.73	75.70	75.54	75.29	75.02	74.77	74.62	74.60	75.22
1974	74.78	75.01	75.07	75.10		75.56	75.52	75.27	75.07	74.58	74.49	74.34	74.98
1975	74.37	74.50	74.62	74.80	74.97	75.10	75.01	74.85	74.74	74.69	74.61	74.53	74.73
1976	74.61	74.75	75.04	75.35	75.53	75.54	75.53	75.14	75.02	74.83	74.68	74.54	75.05
1977			74.68	74.82			74.86	74.87	74.80	74.79	74.70	74.71	74.78
1978		75.11	74.98	75.22	75.31	75.24	75.06	74.90	74.71	74.56	74.42	74.39	74.90
1979	74.57	74.58	74.75	75.03	75.14	75.12	75.02	74.94	74.86	74.80	74.61	74.57	74.83

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 905-2000 Cape Vincent, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	74.55	74.58	74.60	74.98	75.14	75.14	75.12	75.06	74.88	74.66	74.54	74.51	74.81
1981	74.48	74.50	74.74	74.74	74.84	74.96	75.02	74.98	74.93	74.81	74.77	74.66	74.79
1982	74.56				74.98	75.06	75.02	74.86	74.70	74.57	74.53	74.52	74.76
1983	74.62	74.72	74.73	74.85	75.14	75.18	75.01	74.91	74.80	74.62	74.50	74.61	74.81
1984	74.69	74.77	74.88	75.09	75.30	75.32	75.23	75.02	74.82	74.62	74.52	74.48	74.89
1985	74.62			75.10	75.16	75.17	75.12	74.91	74.78	74.63	74.63	74.75	74.89
1986	74.88		75.07	75.30	75.28	75.35	75.34	75.27	75.10			75.03	75.18
1987	74.99	75.03	74.97	75.19	75.11	75.00	74.93	74.74	74.60	74.51	74.41	74.51	74.83
1988	74.51	74.56	74.55	74.73	74.87	74.92	74.87	74.81	74.69	74.57	74.54	74.46	74.67
1989	74.43	74.43	74.38	74.70	74.98	75.20	75.18	75.02	74.84	74.68	74.65	74.54	74.75
1990	74.52	74.59	74.74	74.98	75.10	75.13	75.00	74.85	74.69	74.64	74.62	74.64	74.79
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 905-2000 Cape Vincent, New York on Lake Ontario

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1898 thru 1990													
	74.54	74.56	74.65	74.87	74.99	75.05	75.01	74.90	74.76	74.63	74.56	74.54	74.76
Monthly and Annual Averages for Period 1900 thru 1990													
	74.54	74.56	74.65	74.87	74.99	75.05	75.01	74.90	74.76	74.63	74.56	74.54	74.76
Monthly and Annual Averages for Period 1981 thru 1990													
	74.63	74.66	74.76	74.96	75.08	75.13	75.07	74.94	74.79	74.63	74.57	74.62	74.84
Highest Monthly and Annual Average for Period 1898 thru 1990													
Level	75.17	75.29	75.38	75.67	75.74	75.78	75.67	75.59	75.43	75.26	75.19	75.21	75.39
Year	1946	1952	1952	1973	1952	1952	1947	1947	1947	1945	1945	1945	1952
Lowest Monthly and Annual Average for Period 1898 thru 1990													
Level	73.83	73.81	73.96	74.06	74.14	74.22	74.18	74.04	73.94	73.87	73.78	73.78	74.03
Year	1965	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	1935
Highest Monthly Average for Period 1898 thru 1990 75.78 Jun 1952													
Lowest Monthly Average for Period 1898 thru 1990 73.78 Nov 1934													

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 905-2030 Oswego, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	74.94	74.95	74.98	75.00	75.07	75.21	75.32	75.15	75.01	74.95	74.98	74.98	75.05
1861	74.90	74.90	75.05	75.10	75.39	75.52	75.45	75.39	75.24	75.29	75.31	75.24	75.23
1862	75.11	74.97	75.08	75.34	75.63	75.55	75.57	75.46	75.26	74.97	74.99	74.94	75.24
1863	74.97	75.00	75.02	75.22	75.39	75.42	75.31	75.15	75.05	74.97	74.92	74.93	75.11
1864	74.85	74.81	74.83	74.99	75.28	75.42	75.33	75.18	75.03	74.93	74.93	74.96	75.04
1865	75.07	75.13	75.17	75.20	75.26	75.26	75.24	75.07	74.87	74.79	74.70	74.66	75.03
1866	74.59	74.60	74.58	74.73	74.79	75.00	75.00	74.98	74.95	74.93	74.83	74.82	74.82
1867	74.75	74.70	74.90	75.20	75.39	75.51	75.41	75.23	75.06	74.89	74.66	74.42	75.01
1868	74.27	74.30	74.39	74.60	74.75	74.93	74.89	74.80	74.76	74.59	74.49	74.56	74.61
1869	74.53	74.56	74.61	74.78	74.98	75.05	75.15	75.17	75.11	75.09	74.98	75.02	74.92
1870	75.12	75.18	75.17	75.43	75.67	75.57	75.47	75.36	75.16	75.06	74.90	74.81	75.24
1871	74.78	74.73	74.79	74.96	75.10	75.08	75.04	74.90	74.80	74.64	74.52	74.43	74.82
1872	74.38	74.31	74.26	74.37	74.45	74.53	74.57	74.53	74.42	74.37	74.34	74.26	74.40
1873	74.24	74.27	74.31	74.89	75.06	75.04	75.03	74.94	74.81	74.68	74.65	74.70	74.72
1874	74.88	75.00	75.16	75.14	75.13	75.16	75.14	75.07	74.87	74.75	74.59	74.47	74.95
1875	74.38	74.28	74.36	74.59	74.68	74.73	74.75	74.70	74.64	74.55	74.50	74.44	74.55
1876	74.56	74.76	74.93	75.20	75.40	75.47	75.49	75.36	75.17	75.07	74.96	74.90	75.11
1877	74.75	74.66	74.71	74.91	74.94	74.90	74.91	74.83	74.70	74.58	74.54	74.58	74.75
1878	74.62	74.68	74.89	74.97	75.07	75.07	75.05	75.04	74.95	74.87	74.84	75.08	74.93
1879	75.02	74.91	74.87	74.99	75.02	75.02	74.98	74.87	74.75	74.61	74.50	74.50	74.84
1880	74.56	74.66	74.76	74.82	74.87	74.94	74.96	74.80	74.69	74.58	74.56	74.50	74.72
1881	74.39	74.38	74.59	74.71	74.77	74.83	74.86	74.77	74.59	74.53	74.53	74.53	74.62
1882	74.69	74.75	74.93	75.02	75.08	75.24	75.24	75.14	75.02	74.86	74.73	74.66	74.95
1883	74.56	74.58	74.65	74.82	75.01	75.23	75.39	75.33	75.19	75.06	74.98	74.94	74.98
1884	74.93	75.05	75.26	75.43	75.44	75.41	75.38	75.27	75.14	75.02	74.86	74.82	75.17
1885	74.82	74.74	74.65	74.86	75.10	75.21	75.26	75.21	75.14	75.08	75.10	75.15	75.03
1886	75.26	75.28	75.32	75.51	75.58	75.51	75.40	75.26	75.15	75.03	74.93	74.91	75.26
1887	74.82	75.05	75.21	75.27	75.44	75.43	75.35	75.19	75.00	74.89	74.78	74.70	75.10
1888	74.60	74.56	74.63	74.82	74.87	74.86	74.88	74.85	74.73	74.62	74.59	74.59	74.72
1889	74.66	74.70	74.75	74.82	74.87	74.96	75.02	74.95	74.79	74.64	74.52	74.69	74.78
1890	74.85	74.96	75.07	75.13	75.24	75.43	75.38	75.18	75.07	74.97	74.99	74.93	75.10
1891	74.83	74.91	75.08	75.22	75.15	75.03	74.94	74.81	74.68	74.48	74.30	74.30	74.81
1892	74.32	74.31	74.35	74.53	74.54	74.72	74.87	74.85	74.78	74.65	74.57	74.53	74.58
1893	74.42	74.39	74.53	74.76	75.10	75.18	75.10	74.94	74.86	74.69	74.57	74.53	74.75
1894	74.63	74.68	74.78	74.79	74.84	75.00	74.94	74.77	74.61	74.54	74.44	74.32	74.70
1895	74.30	74.28	74.25	74.42	74.46	74.42	74.33	74.26	74.15	74.05	73.97	73.98	74.24
1896	74.09	74.23	74.30	74.58	74.59	74.56	74.48	74.44	74.29	74.22	74.14	74.15	74.34
1897	74.11	74.10	74.24	74.44	74.58	74.64	74.64	74.64	74.49	74.30	74.28	74.30	74.40
1898	74.35	74.48	74.60	74.74	74.78	74.80	74.72	74.61	74.48	74.41	74.42	74.43	74.57
1899	74.45	74.42	74.50	74.67	74.74	74.78	74.74	74.60	74.44	74.31	74.28	74.26	74.52

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 905-2030 Oswego, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	74.31	74.40	74.49	74.70	74.76	74.73	74.71	74.62	74.49	74.37	74.32	74.41	74.53
1901	74.36	74.34	74.27	74.65	74.74	74.77	74.70	74.60	74.50	74.37	74.25	74.26	74.48
1902	74.30	74.29	74.53	74.63	74.62	74.64	74.77	74.82	74.67	74.57	74.48	74.42	74.56
1903	74.40	74.45	74.70	74.97	74.94	74.90	74.93	74.86	74.77	74.66	74.61	74.48	74.72
1904	74.37	74.46	74.65	75.07	75.26	75.33	75.34	75.26	75.14	75.03	74.87	74.71	74.96
1905	74.70	74.61	74.55	74.80	74.84	74.94	75.06	75.04	74.99	74.90	74.78	74.73	74.83
1906	74.80	74.79	74.73	74.84	74.87	74.89	74.94	74.84	74.70	74.62	74.64	74.67	74.78
1907	74.86	74.90	74.90	75.03	75.09	75.10	75.10	75.04	74.91	74.88	74.86	74.86	74.96
1908	74.98	75.06	75.18	75.38	75.51	75.56	75.47	75.36	75.11	74.90	74.74	74.61	75.16
1909	74.51	74.54	74.67	74.82	75.11	75.16	75.11	75.01	74.85	74.71	74.56	74.52	74.80
1910	74.44	74.46	74.68	74.75	74.89	74.90	74.85	74.78	74.67	74.57	74.50	74.42	74.66
1911	74.39	74.41	74.44	74.59	74.64	74.66	74.62	74.51	74.42	74.34	74.30	74.34	74.47
1912	74.38	74.42	74.49	74.86	75.01	75.17	75.07	74.96	74.88	74.81	74.78	74.79	74.80
1913	74.92	74.99	74.98	75.33	75.36	75.38	75.32	75.16	74.99	74.85	74.78	74.73	75.06
1914	74.64	74.72	74.66	74.99	75.05	75.04	74.98	74.86	74.79	74.64	74.53	74.40	74.78
1915	74.36	74.45	74.54	74.47	74.50	74.49	74.50	74.59	74.60	74.51	74.44	74.39	74.49
1916	74.47	74.58	74.60	74.88	75.10	75.33	75.35	75.18	74.97	74.78	74.65	74.57	74.87
1917	74.54	74.48	74.51	74.83	74.92	75.06	75.21	75.17	75.04	74.97	74.97	74.96	74.89
1918	74.78	74.76	74.95	75.12	75.10	75.07	75.02	74.89	74.82	74.76	74.76	74.73	74.90
1919	74.81	74.75	74.78	74.91	75.17	75.37	75.31	75.18	75.04	74.89	74.81	74.70	74.98
1920	74.57	74.48	74.49	74.64	74.66	74.64	74.69	74.66	74.62	74.56	74.54	74.60	74.60
1921	74.62	74.60	74.70	74.88	74.97	74.95	74.87	74.74	74.59	74.49	74.41	74.40	74.68
1922	74.37	74.36	74.48	74.78	74.93	74.99	75.04	74.93	74.77	74.64	74.50	74.35	74.68
1923	74.30	74.30	74.38	74.56	74.64	74.74	74.70	74.58	74.46	74.35	74.26	74.30	74.46
1924	74.39	74.41	74.42	74.57	74.79	74.84	74.82	74.77	74.65	74.59	74.44	74.33	74.59
1925	74.22	74.28	74.52	74.64	74.65	74.58	74.52	74.43	74.32	74.25	74.25	74.32	74.41
1926	74.24	74.18	74.19	74.43	74.57	74.55	74.52	74.45	74.41	74.44	74.53	74.58	74.42
1927	74.54	74.55	74.67	74.75	74.75	74.79	74.76	74.69	74.54	74.45	74.41	74.65	74.63
1928	74.77	74.76	74.75	74.89	74.95	74.94	74.99	74.96	74.82	74.69	74.66	74.70	74.82
1929	74.72	74.74	74.81	75.15	75.46	75.51	75.48	75.37	75.21	75.06	74.96	74.90	75.12
1930	74.96	75.08	75.27	75.37	75.40	75.41	75.40	75.21	75.02	74.84	74.66	74.55	75.10
1931	74.44	74.38	74.36	74.45	74.50	74.59	74.54	74.43	74.33	74.23	74.15	74.14	74.38
1932	74.26	74.47	74.54	74.71	74.81	74.78	74.73	74.64	74.47	74.33	74.27	74.25	74.52
1933	74.26	74.25	74.24	74.41	74.56	74.60	74.51	74.39	74.26	74.11	73.98	73.96	74.29
1934	74.03	74.06	74.06	74.24	74.30	74.22	74.15	74.00	73.90	73.83	73.75	73.76	74.02
1935	73.82	73.86	73.94	74.04	74.12	74.20	74.25	74.17	74.05	73.94	73.89	73.88	74.01
1936	73.86	73.80	73.99	74.46	74.54	74.48	74.39	74.22	74.15	74.10	74.08	74.00	74.17
1937	74.14	74.35	74.41	74.46	74.71	74.78	74.77	74.69	74.56	74.40	74.40	74.35	74.50
1938	74.30	74.38	74.54	74.70	74.75	74.72	74.67	74.66	74.53	74.47	74.36	74.28	74.53
1939	74.25	74.27	74.43	74.68	74.81	74.78	74.75	74.68	74.52	74.40	74.27	74.20	74.50

Station: 905-2030 Oswego, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	74.14	74.09	74.10	74.38	74.62	74.73	74.76	74.65	74.55	74.43	74.37	74.39	74.43
1941	74.50	74.54	74.55	74.63	74.61	74.54	74.47	74.39	74.30	74.21	74.18	74.15	74.42
1942	74.16	74.16	74.32	74.59	74.70	74.80	74.76	74.70	74.61	74.52	74.52	74.53	74.53
1943	74.65	74.74	74.90	75.08	75.33	75.60	75.54	75.45	75.29	75.10	75.07	74.96	75.14
1944	74.80	74.72	74.71	74.87	75.07	75.13	75.13	75.01	74.89	74.75	74.60	74.56	74.85
1945	74.55	74.55	74.76	75.04	75.23	75.34	75.33	75.25	75.13	75.24	75.19	75.20	75.07
1946	75.17	75.10	75.19	75.18	75.12	75.14	75.11	75.00	74.85	74.76	74.74	74.68	75.00
1947	74.69	74.82	74.83	75.08	75.29	75.64	75.67	75.58	75.42	75.18	75.03	74.95	75.18
1948	74.87	74.84	75.01	75.32	75.43	75.46	75.39	75.25	75.05	74.89	74.79	74.74	75.09
1949	74.76	74.85	74.95	75.03	75.06	74.98	74.85	74.70	74.59	74.49	74.37	74.34	74.75
1950	74.53	74.69	74.79	75.11	75.17	75.15	75.10	75.00	74.88	74.78	74.74	74.82	74.90
1951	74.90	74.99	75.18	75.47	75.63	75.59	75.58	75.40	75.25	75.07	75.00	75.02	75.26
1952	75.11	75.28	75.37	75.63	75.73	75.77	75.65	75.48	75.33	75.18	75.00	74.99	75.38
1953	74.94	74.96	75.01	75.18	75.30	75.35	75.25	75.13	75.00	74.83	74.70	74.68	75.03
1954	74.63	74.68	74.92	75.10	75.33	75.30	75.20	75.04	74.93	74.91	74.93	74.96	75.00
1955	75.04	74.99	75.20	75.44	75.50	75.43	75.28	75.13	74.99	74.95	75.01	74.92	75.16
1956	74.78	74.69	74.76	74.95	75.24	75.30	75.20	75.08	75.01	74.82	74.69	74.62	74.93
1957	74.56	74.57	74.62	74.71	74.79	74.85	74.90	74.79	74.67	74.51	74.40	74.38	74.65
1958	74.44	74.41	74.46	74.56	74.61	74.60	74.55	74.48	74.41	74.33	74.27	74.21	74.44
1959	74.20	74.32	74.48	74.79	74.86	74.82	74.70	74.52	74.34	74.26	74.24	74.33	74.49
1960	74.46	74.58	74.60	74.87	75.10	75.14	75.01	74.80	74.60	74.50	74.50	74.44	74.72
1961	74.34	74.23	74.42	74.66	74.94	75.01	74.97	74.83	74.71	74.53	74.41	74.40	74.62
1962	74.34	74.27	74.32	74.63	74.85	74.94	74.89	74.85	74.75	74.69	74.62	74.62	74.65
1963	74.51	74.36	74.32	74.67	74.94	75.07	75.04	74.99	74.80	74.58	74.44	74.36	74.67
1964	74.21	74.05	74.04	74.28	74.56	74.68	74.69	74.58	74.44	74.22	74.02	73.88	74.30
1965	73.85	73.92	74.07	74.26	74.51	74.64	74.73	74.67	74.60	74.56	74.54	74.60	74.41
1966	74.59	74.54	74.67	74.73	74.79	74.91	74.91	74.83	74.73	74.60	74.50	74.58	74.70
1967	74.60	74.62	74.53	74.77	74.97	75.08	75.15	75.11	74.97	74.91	74.89	74.78	74.86
1968	74.68	74.72	74.71	74.89	74.89	75.01	75.09	74.98	74.85	74.66	74.54	74.62	74.80
1969	74.64	74.71	74.64	74.82	75.02	75.15	75.08	74.94	74.68	74.50	74.45	74.45	74.76
1970	74.43	74.44	74.46	74.69	74.88	74.94	74.99	74.91	74.74	74.63	74.56	74.56	74.68
1971	74.59	74.57	74.71	74.86	75.01	74.98	74.94	74.82	74.74	74.58	74.43	74.43	74.72
1972	74.54	74.64	74.72	74.94	75.21	75.26	75.36	75.26	75.02	74.79	74.71	74.81	74.94
1973	75.07	75.22	75.32	75.65	75.72	75.69	75.53	75.27	75.02	74.78	74.65	74.64	75.22
1974	74.84	75.02	75.11	75.29	75.50	75.58	75.51	75.26	74.97	74.70	74.53	74.54	75.07
1975	74.57	74.72	74.85	75.02	75.09	75.09	74.99	74.83	74.73	74.70	74.60	74.56	74.81
1976	74.62	74.72	75.07	75.38	75.54	75.54	75.43	75.22	75.01	74.85	74.70	74.56	75.05
1977	74.54	74.46	74.62	74.86	74.90	74.83	74.86	74.87	74.81	74.84	74.75	74.86	74.77
1978	75.10	75.14	74.99	75.23	75.32	75.23	75.05	74.89	74.71	74.58	74.44	74.44	74.93
1979	74.60	74.65	74.77	75.05	75.16	75.12	75.01	74.92	74.85	74.76	74.61	74.59	74.84

Station: 905-2030 Oswego, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	74.62	74.62	74.62	74.99	75.14	75.13	75.12	75.05	74.88	74.67	74.56	74.55	74.83
1981	74.52	74.51	74.76	74.74	74.84	74.95	75.00	74.98	74.92	74.80	74.78	74.66	74.79
1982	74.60	74.60	74.62	74.92	74.99	75.06	75.03	74.87	74.70	74.58	74.53	74.53	74.75
1983	74.65	74.76	74.77	74.87	75.14	75.17	75.02	74.92	74.79	74.63	74.53	74.63	74.82
1984	74.73	74.76	74.90	75.11	75.30	75.31	75.22	75.02	74.82	74.63	74.53	74.50	74.90
1985	74.67	74.63	74.86	75.09	75.17	75.17	75.11	74.92	74.79	74.64	74.66	74.80	74.88
1986	74.92	74.98	75.07	75.29	75.29	75.34	75.33	75.26	75.11	75.16	75.04	75.02	75.15
1987	75.01	75.04	74.99	75.20	75.12	75.02	74.93	74.74	74.61	74.52	74.44	74.55	74.85
1988	74.53	74.59	74.59	74.74	74.88	74.92	74.86	74.80	74.68	74.56	74.54	74.46	74.68
1989	74.42	74.44	74.38	74.70	74.99	75.22	75.20	75.03	74.84	74.70	74.67	74.59	74.76
1990	74.55	74.62	74.77	74.98	75.10	75.14	75.01	74.87	74.70	74.65	74.63	74.65	74.81
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Station: 905-2030 Oswego, New York on Lake Ontario

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	74.58	74.61	74.69	74.88	75.00	75.05	75.02	74.91	74.78	74.67	74.59	74.57	74.78
Monthly and Annual Averages for Period 1900 thru 1990													
	74.55	74.58	74.66	74.87	74.99	75.03	74.99	74.89	74.75	74.64	74.56	74.54	74.75
Monthly and Annual Averages for Period 1981 thru 1990													
	74.66	74.69	74.77	74.96	75.08	75.13	75.07	74.94	74.80	74.69	74.64	74.64	74.84
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	75.26	75.28	75.37	75.65	75.73	75.77	75.67	75.58	75.42	75.29	75.31	75.24	75.38
Year	1886	1886	1952	1973	1952	1952	1947	1947	1947	1861	1861	1861	1952
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	73.82	73.80	73.94	74.04	74.12	74.20	74.15	74.00	73.90	73.83	73.75	73.76	74.01
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	1935
Highest Monthly Average for Period 1860 thru 1990 75.77 Jun 1952													
Lowest Monthly Average for Period 1860 thru 1990 73.75 Nov 1934													

Station: 905-2058 Rochester, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	74.90	74.85	74.88	74.89	74.96	75.02	75.06	75.06	74.93	74.85	74.88	74.88	74.93
1861	74.81	74.81	74.95	75.11	75.35	75.42	75.42	75.34	75.20	75.24	75.21	75.15	75.17
1862	75.04	74.96	75.00	75.26	75.51	75.47	75.43	75.33	75.17	75.02	74.90	74.86	75.16
1863	74.88	74.94	74.99	75.17	75.33	75.33	75.25	75.16	74.99	74.86	74.80	74.80	75.04
1864	74.76	74.75	74.77	74.94	75.26	75.36	75.23	75.12	74.96	74.87	74.90	74.96	74.99
1865	74.88	74.78	74.90	75.09	75.17	75.16	75.10	74.95	74.84	74.74	74.64	74.62	74.91
1866	74.56	74.49	74.58	74.69	74.83	75.06	74.98	74.92	74.88	74.84	74.84	74.98	74.80
1867	74.97	74.96	75.00	75.12	75.37	75.46							75.15
1868		74.29	74.40	74.60	74.76	74.87	74.83	74.76	74.69	74.48	74.51	74.51	74.61
1869	74.46	74.50	74.56	74.79	74.97	75.02	75.10	75.08	75.04	74.95	74.82	74.87	74.85
1870	75.03	75.08	75.06	75.37	75.58	75.51	75.43	75.29	75.11	75.00	74.87	74.81	75.18
1871	74.74	74.68	74.76	74.97	75.06	75.03	74.98	74.85	74.74	74.57	74.39	74.30	74.76
1872	74.26	74.20	74.16	74.29	74.36	74.46	74.48	74.43	74.35	74.32	74.29	74.23	74.32
1873	74.21	74.18	74.24	74.75	74.95	74.97	74.95	74.88	74.74	74.63	74.58	74.62	74.64
1874	74.77	74.87	75.01	75.04	75.08	75.07	75.10	75.02	74.87	74.69	74.52	74.43	74.87
1875	74.33	74.23	74.27	74.48	74.59	74.66	74.70	74.63	74.56	74.48	74.42	74.38	74.48
1876	74.51	74.69	74.87	75.15	75.35	75.38	75.39	75.26	75.05	74.94	74.84	74.76	75.02
1877	74.63	74.56	74.59	74.78	74.90	74.84	74.85	74.77	74.64	74.52	74.48	74.52	74.67
1878	74.56	74.63	74.79	74.91	75.01	75.03	75.02	74.98	74.94	74.80	74.80	75.00	74.87
1879	74.93	74.82	74.83	74.90	74.95	74.96	74.90	74.79	74.66	74.53	74.41	74.42	74.76
1880	74.48	74.57	74.67	74.74	74.80	74.87	74.84	74.73	74.63	74.49	74.46	74.39	74.64
1881	74.30	74.33	74.50	74.61	74.70	74.76	74.78	74.68	74.54	74.44	74.44	74.44	74.55
1882	74.60	74.66	74.84	74.93	75.02	75.17	75.17	75.06	74.94	74.80	74.65	74.56	74.87
1883	74.49	74.51	74.58	74.75	74.94	75.18	75.31	75.27	75.13	75.01	74.93	74.90	74.92
1884	74.88	75.01	75.16	75.37	75.41	75.38	75.33	75.25	75.10	74.98	74.82	74.78	75.12
1885	74.77	74.68	74.61	74.84	75.08	75.18	75.22	75.16	75.11	75.05	75.06	75.11	74.99
1886	75.22	75.22	75.23	75.47	75.54	75.46	75.34	75.21	75.08	74.97	74.88	74.86	75.21
1887	74.80	75.01	75.14	75.22	75.38	75.38	75.30	75.15	74.96	74.82	74.67	74.62	75.04
1888	74.58	74.53	74.59	74.75	74.81	74.83	74.81	74.76	74.69	74.58	74.54	74.53	74.67
1889	74.57	74.66	74.68	74.73	74.81	74.94	74.98	74.91	74.74	74.65	74.55	74.62	74.74
1890	74.80	74.90	74.99	75.06	75.17	75.35	75.33	75.16	75.01	74.94	74.93	74.86	75.04
1891	74.76	74.78	74.95	75.14	75.12	74.99	74.90	74.78	74.66	74.46	74.25	74.25	74.75
1892	74.31	74.30	74.29	74.42	74.49	74.67	74.83	74.80	74.72	74.59	74.49	74.47	74.53
1893	74.46	74.36	74.47	74.69	75.06	75.14	75.08	74.89	74.81	74.67	74.52	74.47	74.72
1894	74.56	74.63	74.74	74.76	74.81	74.96	74.89	74.72	74.56	74.48	74.39	74.29	74.65
1895	74.28	74.24	74.24	74.34	74.41	74.36	74.28	74.20	74.13	74.01	73.94	73.97	74.20
1896	74.04	74.12	74.19	74.46	74.55	74.52	74.45	74.38	74.26	74.20	74.12	74.10	74.28
1897	74.05	74.05	74.19	74.39	74.56	74.61	74.59	74.59	74.45	74.27	74.21	74.24	74.35
1898	74.30	74.42	74.54	74.67	74.74	74.75	74.66	74.54	74.43	74.34	74.33	74.31	74.50
1899	74.35	74.32	74.41	74.57	74.70	74.74	74.68	74.56	74.40	74.30	74.26	74.20	74.46

Station: 905-2058 Rochester, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	74.24	74.27	74.41	74.59	74.70	74.69	74.65	74.57	74.44	74.34	74.27	74.34	74.46
1901	74.33	74.31	74.23	74.54	74.67	74.71	74.66	74.55	74.45	74.31	74.19	74.19	74.43
1902	74.24	74.22	74.39	74.56	74.58	74.59	74.72	74.76	74.63	74.55	74.44	74.37	74.50
1903	74.38	74.41	74.59	74.89	74.90	74.87	74.90	74.84	74.75	74.63	74.52	74.41	74.67
1904	74.34	74.40	74.58	74.98	75.18	75.29	75.31	75.23	75.10	74.98	74.83	74.67	74.91
1905	74.67	74.57	74.54	74.70	74.77	74.90	75.01	75.00	74.95	74.85	74.74	74.70	74.78
1906	74.78	74.78	74.71	74.78	74.82	74.85	74.90	74.81	74.68	74.62	74.61	74.65	74.75
1907	74.80	74.88	74.86	74.97	75.04	75.06	75.07	74.98	74.88	74.84	74.80	74.81	74.92
1908													
1909													
1910													
1911													
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1916													
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1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934													
1935					74.11	74.18	74.23	74.16	74.03				74.14
1936													
1937													
1938													
1939													

Station: 905-2058 Rochester, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953	74.94		75.00	75.16	75.30	75.34	75.24	75.11	74.98	74.82	74.69	74.65	75.02
1954	74.62	74.68	74.89	75.09	75.32	75.30	75.18	75.02	74.92	74.90	74.92	74.94	74.98
1955	75.02	74.97	75.18	75.44	75.49	75.43	75.27	75.13	74.98	74.94	74.98	74.91	75.14
1956	74.78	74.69	74.76	74.95	75.23	75.30	75.19	75.06	74.99	74.81	74.68	74.58	74.92
1957	74.54	74.53	74.59	74.68	74.78	74.84	74.88	74.78	74.65	74.51	74.38	74.37	74.63
1958	74.42	74.40	74.45	74.55	74.61	74.59	74.55	74.47	74.39	74.32	74.24	74.18	74.43
1959	74.14	74.31	74.46		74.86	74.81	74.70	74.51	74.34	74.25	74.22	74.30	74.44
1960	74.42	74.53	74.57	74.88	75.11	75.15	75.02	74.81	74.61	74.50	74.49	74.42	74.71
1961	74.31	74.21	74.42	74.66	74.94	75.00	74.95	74.82	74.70	74.52	74.40	74.38	74.61
1962	74.32	74.26	74.31	74.62	74.84	74.93	74.88	74.84	74.74	74.69	74.62	74.60	74.64
1963	74.49	74.33	74.30	74.65	74.92	75.06	75.02	74.96	74.79	74.58	74.42	74.34	74.66
1964	74.18	74.03	74.02	74.26	74.54	74.67	74.68	74.56	74.43	74.20	73.99	73.86	74.28
1965	73.83	73.88	74.04	74.24	74.50	74.63	74.71	74.65	74.58	74.54	74.52	74.58	74.39
1966	74.56	74.52	74.65	74.74	74.79	74.90	74.90	74.82	74.72	74.58	74.48	74.57	74.69
1967	74.59	74.60	74.53	74.77	74.97	75.08	75.15	75.11	74.97	74.90	74.88	74.77	74.86
1968	74.68	74.71	74.70	74.90	74.90	75.02	75.09	74.99	74.86	74.66	74.54	74.61	74.80
1969	74.62	74.70	74.63	74.84	75.02	75.15	75.08	74.94	74.68	74.49	74.44	74.44	74.75
1970	74.42	74.44	74.45	74.68	74.88	74.94	74.98	74.90	74.73	74.62	74.55	74.56	74.68
1971	74.58	74.57	74.71	74.87	75.01	74.97	74.93	74.82	74.74	74.58	74.44	74.43	74.72
1972	74.54	74.62	74.72	74.94	75.20	75.25	75.34	75.25	75.01	74.78	74.70	74.80	74.93
1973	75.05	75.21	75.32	75.65	75.72	75.69	75.52	75.27	75.01	74.78	74.64	74.64	75.21
1974	74.83	75.02	75.11	75.29	75.50	75.58	75.50	75.25	74.96	74.68	74.52	74.53	75.06
1975	74.56	74.70	74.84	75.01	75.09	75.09	74.98	74.83	74.72	74.69	74.59	74.56	74.81
1976	74.62	74.71	75.07	75.38	75.54	75.54	75.43	75.22	75.00	74.84	74.67	74.54	75.04
1977	74.51	74.45	74.62	74.86	74.90	74.83	74.86	74.86	74.81	74.84	74.75	74.85	74.76
1978	75.09	75.13	74.99	75.23	75.32	75.23	75.04	74.89	74.72	74.58	74.44	74.43	74.92
1979	74.59	74.65	74.77	75.05	75.16	75.13	75.02	74.92	74.86	74.75	74.60	74.59	74.84

Station: 905-2058 Rochester, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	74.61	74.62	74.62	75.00	75.15	75.14	75.12	75.05	74.88	74.66	74.55	74.54	74.83
1981	74.51	74.50	74.75	74.74	74.84	74.95	75.01	74.98	74.93	74.80	74.77	74.65	74.79
1982	74.59	74.59	74.62	74.92	75.00	75.07	75.03	74.86	74.70	74.58	74.52	74.53	74.75
1983	74.64	74.76	74.77	74.87	75.14	75.17	75.01	74.92	74.79	74.63	74.52	74.61	74.82
1984	74.72	74.76	74.90	75.12	75.30	75.31	75.21	75.02	74.82	74.62	74.52	74.48	74.90
1985	74.65	74.62	74.86	75.08	75.17	75.17	75.10	74.92	74.79	74.62	74.66	74.78	74.87
1986	74.90	74.97	75.06	75.29	75.29	75.34	75.33	75.25	75.11	75.16	75.04	75.02	75.15
1987	75.00	75.04	74.99	75.20	75.13	75.02	74.93	74.75	74.61	74.51	74.44	74.54	74.85
1988	74.53	74.59	74.59	74.75	74.88	74.92	74.87	74.80	74.68	74.56	74.54	74.46	74.68
1989	74.42	74.43	74.39	74.70	74.99	75.22	75.20	75.02	74.85	74.70	74.65	74.58	74.76
1990	74.54	74.62	74.77	74.99	75.11	75.14	75.00	74.86	74.70	74.64	74.62	74.64	74.80
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2017													
2018													
2019													

Station: 905-2058 Rochester, New York on Lake Ontario

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	74.59	74.60	74.68	74.87	75.00	75.04	75.00	74.90	74.77	74.66	74.58	74.57	74.77
Monthly and Annual Averages for Period 1900 thru 1990													
	74.57	74.58	74.67	74.89	75.01	75.04	75.01	74.90	74.76	74.65	74.57	74.55	74.76
Monthly and Annual Averages for Period 1981 thru 1990													
	74.65	74.69	74.77	74.97	75.09	75.13	75.07	74.94	74.80	74.68	74.63	74.63	74.84
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	75.22	75.22	75.32	75.65	75.72	75.69	75.52	75.34	75.20	75.24	75.21	75.15	75.21
Year	1886	1886	1973	1973	1973	1973	1973	1861	1861	1861	1861	1861	1886
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	73.83	73.88	74.02	74.24	74.11	74.18	74.23	74.16	74.03	74.01	73.94	73.86	74.14
Year	1965	1965	1964	1965	1935	1935	1935	1935	1935	1895	1895	1964	1935
Highest Monthly Average for Period 1860 thru 1990 75.72 May 1973													
Lowest Monthly Average for Period 1860 thru 1990 73.83 Jan 1965													

Station: 905-2076 Olcott, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
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1963													
1964													
1965													
1966													
1967	74.58	74.59	74.53	74.76	74.96	75.08	75.14	75.09	74.96	74.90	74.86	74.76	74.85
1968	74.67	74.68	74.73	74.90	74.89	75.01	75.08	74.97	74.85	74.65	74.53	74.59	74.80
1969	74.62	74.68	74.62	74.81	75.02	75.15	75.08	74.92	74.67	74.49	74.44	74.43	74.74
1970	74.41	74.43	74.45	74.68	74.88	74.94	74.99	74.89	74.74	74.63	74.56	74.56	74.68
1971	74.56	74.56	74.69	74.86	75.00	74.98	74.93	74.81	74.74	74.59	74.44	74.42	74.71
1972	74.52	74.61	74.72	74.94	75.20	75.25	75.34	75.24	75.01	74.77	74.70	74.81	74.93
1973	75.03	75.21	75.33	75.64	75.72	75.71	75.52	75.27	75.00	74.79	74.63	74.63	75.21
1974	74.83	75.01	75.10	75.29	75.50	75.59	75.50	75.25	74.96	74.68	74.52	74.53	75.06
1975	74.56	74.70	74.84	75.00	75.10	75.09	74.98	74.82	74.73	74.69	74.59	74.56	74.80
1976	74.62	74.70	75.07	75.37	75.54	75.54	75.42	75.22	74.99	74.82	74.66	74.54	75.04
1977	74.49	74.44	74.61	74.84	74.87	74.81	74.83	74.84	74.82	74.84	74.75	74.86	74.75
1978	75.08	75.12	74.98	75.22	75.32	75.23	75.05	74.89	74.73	74.57	74.43	74.41	74.92
1979	74.58	74.64	74.76	75.04	75.16	75.12	75.01	74.90	74.85	74.74	74.60	74.59	74.83

Station: 905-2076 Olcott, New York on Lake Ontario

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	74.60	74.61	74.61	75.00	75.14	75.13	75.11	75.05	74.87	74.65	74.55	74.54	74.82
1981	74.50	74.50	74.74	74.74	74.85	74.95	75.00	74.98	74.93	74.79	74.76	74.65	74.78
1982	74.59	74.60	74.62	74.92	75.01	75.07	75.03	74.85	74.70	74.59	74.53	74.54	74.75
1983	74.65	74.77	74.78	74.88	75.15	75.18	75.00	74.92	74.78	74.63	74.53	74.62	74.82
1984	74.73	74.76	74.91	75.12	75.30	75.31	75.21	75.02	74.82	74.63	74.52	74.49	74.90
1985	74.65	74.62	74.86	75.09	75.17	75.17	75.10	74.93	74.80	74.64	74.65	74.78	74.87
1986	74.90	74.98	75.06	75.29	75.28	75.34	75.33	75.26	75.11	75.15	75.03	75.01	75.14
1987	74.99	75.04	74.99	75.21	75.14	75.03	74.94	74.74	74.63	74.52	74.45	74.54	74.85
1988	74.53	74.59	74.59	74.75	74.89	74.92	74.86	74.78	74.67	74.57	74.54	74.45	74.68
1989	74.42	74.42	74.40	74.70	75.00	75.23	75.20	75.02	74.85	74.70	74.64	74.58	74.76
1990	74.54	74.62	74.77	74.98	75.11	75.14	75.01	74.88	74.71	74.64	74.62	74.65	74.81
1991													
1992													
1993													
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2015													
2016													
2017													
2018													
2019													

Station: 905-2076 Olcott, New York on Lake Ontario

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1967 thru 1990

74.65	74.70	74.78	75.00	75.13	75.17	75.11	74.98	74.83	74.69	74.61	74.61	74.86
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Monthly and Annual Averages for Period 1981 thru 1990

74.65	74.69	74.77	74.97	75.09	75.13	75.07	74.94	74.80	74.69	74.63	74.63	74.84
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Highest Monthly and Annual Average for Period 1967 thru 1990

Level	75.08	75.21	75.33	75.64	75.72	75.71	75.52	75.27	75.11	75.15	75.03	75.01	75.21
Year	1978	1973	1973	1973	1973	1973	1973	1973	1986	1986	1986	1986	1973

Lowest Monthly and Annual Average for Period 1967 thru 1990

Level	74.41	74.42	74.40	74.68	74.85	74.81	74.83	74.74	74.63	74.49	74.43	74.41	74.68
Year	1970	1989	1989	1970	1981	1977	1977	1987	1987	1969	1978	1978	1988

Highest Monthly Average for Period 1967 thru 1990 75.72 May 1973

Lowest Monthly Average for Period 1967 thru 1990 74.40 Mar 1989

Station: 906-3007 Ashland Ave., Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957						101.71	101.85	101.44	101.31	100.86	101.11	101.10	101.34
1958	100.94	100.30	100.42	100.56	100.59	100.61	100.70	100.76	100.70	100.45	100.48	100.17	100.56
1959	99.83	100.06	100.62	100.97	101.23	101.22	100.82	100.54	100.32	100.51	100.74	100.71	100.63
1960	101.16	101.03	100.76	101.23	101.76	101.94	101.81	101.53	101.48	101.29	101.45	101.17	101.39
1961	100.47	100.20	100.36	100.73	101.18	100.74	100.04	99.75	99.42	98.88	97.49	97.44	99.72
1962	97.43	97.01	97.06	98.41	98.33	98.24	98.26	98.24	98.13	98.00	96.57	96.90	97.72
1963	97.06	96.63	96.74	98.21	98.22	98.20	98.20	98.20	98.07	97.97	96.54	96.57	97.55
1964	97.10	96.53	96.60	98.24	98.27	98.21	98.19	98.20	98.07	97.94	96.38	96.31	97.50
1965	96.38	96.47	96.36	98.19	98.23	98.17	98.15	98.15	98.01	97.89	96.42	96.30	97.39
1966	96.40	96.36	96.40	98.20	98.20	98.19	98.16	98.15	98.02	97.88	96.46	96.57	97.42
1967	96.48	96.71	96.40	98.20	98.19	98.15	98.16	98.14	98.01	97.93	96.70	96.70	97.48
1968	96.78	97.51	96.73	98.30	98.34	98.34	98.31	98.28	98.13	98.03	97.08	97.32	97.76
1969	97.15	97.19	97.12	98.47	99.02	99.16	98.56	98.47	98.21	98.14	97.37	97.39	98.02
1970	97.12	96.84	96.89	98.37	98.37	98.32	98.32	98.28	98.20	98.02	97.41	97.62	97.81
1971	97.70	97.34	97.61	98.36	98.41	98.59	98.34	98.36	98.19	98.08	97.20	97.40	97.97
1972	97.66	97.30	97.66	98.60	98.93	99.01	99.02	98.86	98.73	98.83	98.58	99.01	98.52
1973	99.25	98.62	98.78	99.79	99.74	99.80	99.72	99.48	99.06	98.79	98.34	98.18	99.13
1974	98.30	98.38	98.82	100.02	99.82	99.62	99.35	98.83	98.51	98.29	97.63	97.98	98.80
1975	98.30	98.45	98.31	99.13	99.16	99.30	98.92	98.77	99.02	98.62	98.04	97.88	98.66
1976	98.04	97.98	98.80	99.56	99.41	99.14	99.08	98.82	98.68	98.48	97.76	97.16	98.58
1977	97.38	96.89	97.00	98.40	98.74	98.52	98.33	98.30	98.47	98.26	97.29	97.82	97.95
1978	97.60	96.76	97.00	98.59	98.73	98.81	98.34	98.29	98.11	98.00	96.67	97.03	97.83
1979	97.22	96.92	97.02	98.62	98.72	98.80	98.48	98.58	98.50	98.46	97.54	97.74	98.05

Station: 906-3007 Ashland Ave., Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	97.91	97.38	97.76	99.14	99.10	99.17	98.78	99.05	98.98	98.63	97.20	97.30	98.37
1981	96.76	97.02	97.10	98.32	98.41	98.68	98.40	98.91	98.57	98.47	97.61	97.59	97.99
1982	97.24	97.13	97.61	98.86	98.75	98.93	98.40	98.36	98.12	98.03	97.19	97.60	98.02
1983	97.58	97.14	97.28	98.50	99.00	98.63	98.84	99.08	98.60	98.26	97.72	98.39	98.25
1984	97.27	97.36	97.95	98.79	98.79	98.80	98.66	98.68	98.54	98.19	97.53	97.51	98.17
1985	98.07	97.08	98.21	99.77	99.52	99.40	98.88	98.79	98.58	98.32	98.28	99.22	98.68
1986	97.91	97.90	99.06	99.39	99.67	99.76	99.69	99.37	98.96	99.26	98.49	98.95	99.03
1987	98.98	98.35	98.20	99.29	98.93	98.83	98.99	98.60	98.44	98.20	96.80	97.29	98.41
1988	97.09	97.14	96.91	98.40	98.31	98.24	98.19	98.24	98.05	97.99	96.54	96.44	97.63
1989	96.56	96.68	96.26	98.26	98.28	98.27	98.26	98.25	98.14	97.98	96.74	96.45	97.51
1990	96.44	96.75	96.84	98.36	98.37	98.28	98.19	98.26	98.23	98.11	96.76	97.04	97.64
1991													
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1993													
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2017													
2018													
2019													

Station: 906-3007 Ashland Ave., Niagara Falls, New York on the Niagara River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1957 thru 1990													
	97.80	97.62	97.78	98.98	99.05	99.11	98.95	98.88	98.72	98.56	97.71	97.83	98.45
Monthly and Annual Averages for Period 1981 thru 1990													
	97.39	97.26	97.54	98.79	98.80	98.78	98.65	98.65	98.42	98.28	97.36	97.65	98.13
Highest Monthly and Annual Average for Period 1957 thru 1990													
Level	101.16	101.03	100.76	101.23	101.76	101.94	101.85	101.53	101.48	101.29	101.45	101.17	101.39
Year	1960	1960	1960	1960	1960	1960	1957	1960	1960	1960	1960	1960	1960
Lowest Monthly and Annual Average for Period 1957 thru 1990													
Level	96.38	96.36	96.26	98.19	98.19	98.15	98.15	98.14	98.01	97.88	96.38	96.30	97.39
Year	1965	1966	1989	1965	1967	1967	1965	1967	1965	1966	1964	1965	1965

Highest Monthly Average for Period 1957 thru 1990 101.94 Jun 1960
 Lowest Monthly Average for Period 1957 thru 1990 96.26 Mar 1989

Station: 906-3009 American Falls, Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg	
1940														
1941														
1942														
1943														
1944														
1945														
1946														
1947														
1948														
1949														
1950														
1951														
1952														
1953														
1954														
1955														
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
1976							170.43	170.44	170.40	170.40	170.39	170.35	170.32	170.39
1977	170.19	170.34	170.42	170.42	170.46	170.45	170.48	170.46	170.50	170.46	170.46	170.50	170.43	170.43
1978	170.30	170.20	170.36	170.37	170.36	170.41	170.42	170.41	170.41	170.39	170.42	170.44	170.37	170.37
1979	170.38	170.26	170.41	170.30	170.40	170.43	170.44	170.43	170.44	170.46	170.50	170.48	170.41	170.41

Station: 906-3009 American Falls, Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	170.49	170.44	170.43	170.39	170.40	170.42	170.46	170.42	170.45	170.45	170.45	170.43	170.44
1981	170.35	170.40	170.45	170.44	170.46	170.48	170.45	170.45	170.45	170.44	170.38	170.42	170.43
1982	170.34	170.35	170.42	170.39	170.42	170.42	170.39	170.44	170.45	170.46	170.44	170.46	170.41
1983	170.40	170.37	170.37	170.38	170.37	170.40	170.48	170.44	170.43	170.46	170.49	170.59	170.43
1984	170.38	170.37	170.46	170.46	170.49	170.56	170.50	170.43	170.41	170.38	170.48	170.48	170.45
1985	170.43	170.19	170.40	170.36	170.43	170.42	170.44	170.35	170.38	170.43	170.56	170.58	170.42
1986	170.30	170.30	170.33	170.28	170.47	170.54	170.47	170.40	170.37	170.43	170.49	170.54	170.41
1987	170.49	170.44	170.46	170.37	170.33	170.37	170.41	170.38	170.39	170.38	170.36	170.39	170.40
1988	170.36	170.36	170.36	170.31	170.42	170.40	170.41	170.41	170.39	170.43	170.43	170.44	170.40
1989	170.43	170.27	170.28	170.38	170.42	170.41	170.45	170.44	170.42	170.40	170.44	170.31	170.39
1990	170.40	170.38	170.38	170.42	170.45	170.41	170.43	170.46	170.47	170.46	170.47	170.51	170.44
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3009 American Falls, Niagara Falls, New York on the Niagara River

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1976 thru 1990

170.37	170.33	170.40	170.38	170.42	170.44	170.44	170.42	170.42	170.43	170.45	170.46	170.41
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Monthly and Annual Averages for Period 1981 thru 1990

170.39	170.34	170.39	170.38	170.43	170.44	170.44	170.42	170.42	170.43	170.45	170.47	170.42
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

Highest Monthly and Annual Average for Period 1976 thru 1990

Level	170.49	170.44	170.46	170.46	170.49	170.56	170.50	170.46	170.50	170.46	170.56	170.59	170.45
Year	1980	1987	1984	1984	1984	1984	1984	1977	1977	1979	1985	1983	1984

Lowest Monthly and Annual Average for Period 1976 thru 1990

Level	170.19	170.19	170.28	170.28	170.33	170.37	170.39	170.35	170.37	170.38	170.35	170.31	170.37
Year	1977	1985	1989	1986	1987	1987	1982	1985	1986	1984	1976	1989	1978

Highest Monthly Average for Period 1976 thru 1990 170.59 Dec 1983

Lowest Monthly Average for Period 1976 thru 1990 170.19 Jan 1977

Station: 906-3010 American Falls, Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg	
1940														
1941														
1942														
1943														
1944														
1945														
1946														
1947														
1948														
1949														
1950														
1951														
1952														
1953														
1954														
1955					169.86	169.87	169.88	169.86	169.82	169.85	169.79	169.70	169.83	
1956	169.54	169.52	169.59	169.71	169.87	169.99	169.96	169.95	169.91	169.83	169.82	169.78	169.79	
1957	169.77	169.69	169.70	169.83	169.84	169.93	169.98	169.81	169.74	169.67	169.77	169.65	169.78	
1958	169.69	169.53	169.64	169.63	169.67	169.77	169.80	169.77	169.72	169.68	169.68	169.60	169.68	
1959	169.60	169.60	169.65	169.66	169.76	169.81	169.75	169.71	169.64	169.66	169.64	169.64	169.68	
1960	169.69	169.58	169.49	169.51	169.64	169.76	169.72	169.64	169.58	169.57	169.54	169.35	169.59	
1961	169.27	169.43	169.47	169.56	169.68	169.75	169.72	169.73	169.69	169.64	169.57	169.59	169.59	
1962	169.61	169.50	169.53	169.53	169.57	169.62	169.62	169.63	169.59	169.63	169.57	169.56	169.58	
1963	169.42	169.39	169.42	169.46	169.53	169.52	169.66	169.62	169.58	169.51	169.45	169.51	169.51	
1964	169.46	169.34	169.33	169.39	169.48	169.52	169.50	169.46	169.43	169.41	169.39	169.38	169.42	
1965	169.35	169.31	169.43	169.36	169.42	169.49	169.49	169.46	169.42	169.44	169.46	169.48	169.42	
1966	169.42	169.42	169.48	169.43	169.53	169.63	169.63	169.59	169.55	169.51	169.49	169.54	169.52	
1967	169.51	169.43	169.42	169.48	169.53	169.57	169.62	169.62	169.62	169.56	169.52	169.51	169.53	
1968	169.42	169.53	169.51	169.52	169.53	169.60	169.62	169.61	169.60	169.58	169.52	169.56	169.55	
1969	169.46	169.50	169.50	169.48	169.62	169.53					169.22	169.32	169.45	
1970	169.25	169.30	169.34	169.29	169.37	169.36	169.41	169.56	169.53	169.54	169.48	169.43	169.40	
1971	169.39	169.39	169.41	169.34	169.42	169.47	169.59	169.57	169.55	169.55	169.52	169.50	169.48	
1972	169.48	169.36	169.38	169.36	169.46	169.48	169.55	169.64	169.66	169.64	169.61	169.60	169.52	
1973	169.49	169.40	169.39	169.40	169.40	169.46	169.54	169.59	169.52	169.50	169.50	169.47	169.47	
1974	169.43	169.41	169.44	169.42	169.43	169.47	169.49	169.46	169.46	169.46	169.45	169.46	169.45	
1975	169.46	169.39	169.36	169.38	169.39	169.43	169.45	169.45	169.47	169.48	169.50	169.43	169.43	
1976	169.41	169.41	169.50	169.54	169.52								169.48	
1977						Station Relocated								
1978														
1979														

Station: 906-3010 American Falls, Niagara Falls, New York on the Niagara River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1955 thru 1976													
	169.48	169.45	169.48	169.49	169.57	169.62	169.65	169.63	169.60	169.58	169.55	169.53	169.55
Monthly and Annual Averages for Period 1967 thru 1976													
	169.43	169.41	169.43	169.42	169.47	169.49	169.53	169.56	169.55	169.54	169.48	169.48	169.48
Highest Monthly and Annual Average for Period 1955 thru 1976													
Level	169.77	169.69	169.70	169.83	169.87	169.99	169.98	169.95	169.91	169.85	169.82	169.78	169.83
Year	1957	1957	1957	1957	1956	1956	1957	1956	1956	1955	1956	1956	1955
Lowest Monthly and Annual Average for Period 1955 thru 1976													
Level	169.25	169.30	169.33	169.29	169.37	169.36	169.41	169.45	169.42	169.41	169.22	169.32	169.40
Year	1970	1970	1964	1970	1970	1970	1970	1975	1965	1964	1969	1969	1970
Highest Monthly Average for Period 1955 thru 1976 169.99 Jun 1956													
Lowest Monthly Average for Period 1955 thru 1976 169.22 Nov 1969													

Station: 906-3012 Niagara Intake, Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962											171.20	171.21	171.21
1963	171.07	170.95	170.99	171.22	171.25	171.28	171.39	171.31	171.27	171.20	171.11	171.05	171.18
1964	171.12	170.98	170.93	171.04	171.16	171.18	171.13	171.04	170.99	170.94	170.87	170.85	171.02
1965	170.86	170.88	170.99	171.05	171.16	171.17	171.10	171.07	171.03	171.06	171.03	171.06	171.04
1966	171.04	171.05	171.09	171.20	171.25	171.35	171.32	171.26	171.19	171.15	171.07	171.16	171.18
1967	171.15	171.11	171.08	171.21	171.29	171.32	171.34	171.32	171.24	171.22	171.22	171.21	171.23
1968	171.16	171.28	171.21	171.32	171.32	171.39	171.39	171.38	171.32	171.30	171.20	171.27	171.29
1969	171.26	171.24	171.26	171.37	171.48	171.55	171.56	171.57	171.46	171.40	171.32	171.27	171.40
1970	171.25	171.17	171.18	171.30	171.35	171.37	171.43	171.41	171.34	171.31	171.28	171.29	171.31
1971	171.36	171.23	171.31	171.39	171.39	171.43	171.44	171.41	171.35	171.32	171.26	171.27	171.34
1972	171.35	171.25	171.32	171.41	171.50	171.52	171.58	171.55	171.54	171.52	171.51	171.60	171.47
1973	171.64	171.52	171.41	171.41	171.39	171.43	171.40	171.40	171.32	171.30	171.34	171.30	171.40
1974	171.36	171.41	171.44	171.44	171.39	171.36	171.34	171.30	171.31	171.26	171.23	171.29	171.35
1975	171.32	171.33	171.40	171.31	171.24	171.33	171.29	171.29	171.31	171.26	171.29	171.18	171.30
1976	171.39	171.35	171.50	171.41	171.36	171.30	171.32	171.28	171.27	171.24	171.14	171.20	171.31
1977	171.30	171.26	171.23	171.33	171.32	171.30	171.33	171.33	171.36	171.31	171.26	171.33	171.30
1978	171.30	171.25	171.20	171.29	171.31	171.27	171.27	171.28	171.26	171.22	171.20	171.23	171.26
1979	171.24	171.09	171.19	171.28	171.24	171.26	171.30	171.30	171.28	171.29	171.28	171.29	171.25

Station: 906-3012 Niagara Intake, Niagara Falls, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	171.33	171.24	171.22	171.29	171.27	171.29	171.29	171.30	171.32	171.30	171.23	171.24	171.28
1981	171.20	171.21	171.25	171.32	171.32	171.34	171.32	171.34	171.33	171.31	171.19	171.26	171.28
1982	171.26	171.26	171.24	171.37	171.28	171.30	171.32	171.30	171.28	171.27	171.21	171.27	171.28
1983	171.22	171.18	171.18	171.29	171.33	171.35	171.36	171.35	171.30	171.31	171.30	171.44	171.30
1984	171.27	171.18	171.33	171.35	171.37	171.46	171.39	171.32	171.30	171.24	171.30	171.30	171.32
1985	171.33	170.93	171.39	171.38	171.33	171.34	171.30	171.24	171.25	171.28	171.42	171.53	171.31
1986	171.35	171.31	171.33	171.33	171.40	171.48	171.39	171.31	171.26	171.32	171.34	171.43	171.36
1987	171.40	171.32	171.32	171.28	171.25	171.27	171.30	171.28	171.27	171.25	171.16	171.21	171.28
1988	171.22	171.21	171.17	171.30	171.28	171.28	171.31	171.30	171.24	171.27	171.21	171.22	171.25
1989	171.21	171.18	171.13	171.27	171.28	171.30	171.34	171.30	171.28	171.25	171.24	171.18	171.25
1990	171.20	171.18	171.20	171.28	171.31	171.31	171.31	171.33	171.33	171.32	171.30	171.34	171.28
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
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2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3012 Niagara Intake, Niagara Falls, New York on the Niagara River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1962 thru 1990													
	171.26	171.20	171.23	171.30	171.31	171.34	171.34	171.32	171.29	171.26	171.23	171.26	171.28
Monthly and Annual Averages for Period 1981 thru 1990													
	171.26	171.19	171.25	171.32	171.32	171.35	171.33	171.31	171.28	171.28	171.27	171.32	171.29
Highest Monthly and Annual Average for Period 1962 thru 1990													
Level	171.64	171.52	171.50	171.44	171.50	171.55	171.58	171.57	171.54	171.52	171.51	171.60	171.47
Year	1973	1973	1976	1974	1972	1969	1972	1969	1972	1972	1972	1972	1972
Lowest Monthly and Annual Average for Period 1962 thru 1990													
Level	170.86	170.88	170.93	171.04	171.16	171.17	171.10	171.04	170.99	170.94	170.87	170.85	171.02
Year	1965	1965	1964	1964	1965	1965	1965	1964	1964	1964	1964	1964	1964

Highest Monthly Average for Period 1962 thru 1990 171.64 Jan 1973
 Lowest Monthly Average for Period 1962 thru 1990 170.85 Dec 1964

Station: 906-3117 Ontario Street, Buffalo, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969							172.70	172.72	172.59	172.50	172.42	172.36	172.55
1970	172.36	172.25	172.24	172.36	172.45	172.47	172.52	172.50	172.44	172.37	172.39	172.38	172.39
1971	172.47	172.34	172.43	172.47	172.47	172.54	172.52	172.49	172.44	172.40	172.34	172.36	172.44
1972	172.46	172.40	172.45	172.52	172.63	172.66	172.72	172.70	172.65	172.63	172.64	172.75	172.60
1973	172.82	172.68	172.70	172.80	172.79	172.84	172.82	172.76	172.64	172.55	172.57	172.51	172.71
1974	172.58	172.63	172.73	172.80	172.80	172.74	172.75	172.68	172.62	172.51	172.50	172.52	172.65
1975	172.58	172.66	172.74	172.66	172.62	172.68	172.67	172.63	172.65	172.57	172.54	172.46	172.62
1976	172.64	172.55	172.77	172.77	172.75	172.68	172.71	172.64	172.58	172.51	172.43	172.39	172.62
1977	172.41	172.24	172.35	172.45	172.52	172.49	172.47	172.50	172.49	172.45	172.39	172.50	172.44
1978	172.68	172.46	172.39	172.55	172.59	172.57	172.50	172.49	172.40	172.35	172.28	172.34	172.47
1979	172.46	172.17	172.30	172.53	172.49	172.53	172.54	172.56	172.51	172.52	172.47	172.49	172.46

Station: 906-3117 Ontario Street, Buffalo, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	172.56	172.46	172.45	172.59	172.59	172.62	172.60	172.64	172.62	172.54	172.42	172.40	172.54
1981	172.33	172.30	172.38	172.41	172.49	172.56	172.55	172.58	172.55	172.51	172.43	172.43	172.46
1982	172.58	172.43	172.46	172.64	172.56	172.58							172.54
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
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2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3117 Ontario Street, Buffalo, New York on the Niagara River

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1969 thru 1982

172.53	172.43	172.49	172.58	172.60	172.61	172.62	172.61	172.55	172.49	172.45	172.45	172.54
--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------	--------

Monthly and Annual Averages for Period 1973 thru 1982

172.56	172.46	172.53	172.62	172.62	172.63	172.62	172.61	172.56	172.50	172.45	172.45	172.55
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Highest Monthly and Annual Average for Period 1969 thru 1982

Level	172.82	172.68	172.77	172.80	172.80	172.84	172.82	172.76	172.65	172.63	172.64	172.75	172.71
Year	1973	1973	1976	1974	1974	1973	1973	1973	1975	1972	1972	1972	1973

Lowest Monthly and Annual Average for Period 1969 thru 1982

Level	172.33	172.17	172.24	172.36	172.45	172.47	172.47	172.49	172.40	172.35	172.28	172.34	172.39
Year	1981	1979	1970	1970	1970	1970	1977	1978	1978	1978	1978	1978	1970

Highest Monthly Average for Period 1969 thru 1982 172.84 Jun 1973

Lowest Monthly Average for Period 1969 thru 1982 172.17 Feb 1979

Station: 906-3017 Black Rock Canal, Buffalo, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932					172.38		172.38	172.31	172.22	172.14	172.07	172.11	172.23
1933	172.16	172.22	172.16	172.38	172.41	172.44	172.34	172.27	172.18	172.10	172.02	171.96	172.22
1934	171.98	171.88	171.75	171.91	171.96	171.96	171.94	171.96	171.93	171.90	171.80	171.83	171.90
1935	171.87	171.77	171.80	171.87	171.99	172.06	172.08	172.12	172.04	171.96	171.89	171.90	171.95
1936	171.94	172.21	172.08	172.09	172.11	172.15	172.14	172.06	172.01	172.04	172.05	171.91	172.06
1937	172.11	172.32	172.26	172.25	172.43	172.49	172.59	172.50	172.37	172.25	172.20	172.11	172.32
1938	172.14	172.11	172.24	172.39	172.42	172.46	172.46	172.52	172.38	172.29	172.28	172.25	172.33
1939	172.16	172.19	172.26	172.32	172.47	172.48	172.47	172.49	172.36	172.32	172.20	172.24	172.33

Station: 906-3017 Black Rock Canal, Buffalo, New York on the Niagara River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	172.28	172.03	172.06	172.23	172.33	172.46	172.43	172.36	172.38	172.28	172.31	172.28	172.29
1941	172.37	172.31	172.19	172.18	172.22	172.24	172.24	172.22	172.17	172.11	172.16	172.06	172.21
1942	172.10	172.03	172.07	172.29	172.41	172.51	172.52	172.51	172.48	172.43	172.46	172.47	172.36
1943	172.52	172.47	172.44	172.50	172.74	172.96	172.95	172.92	172.81	172.67	172.68	172.70	172.70
1944	172.51	172.40	172.42	172.58	172.72	172.79	172.74	172.66	172.60	172.52	172.43	172.46	172.57
1945	172.54	172.31	172.44	172.64	172.70	172.82	172.83	172.81	172.71	172.84	172.71	172.67	172.67
1946	172.70	172.55	172.52	172.60	172.60	172.76	172.75	172.70	172.58	172.51	172.52	172.46	172.60
1947	172.45	172.55	172.42	172.47	172.84	173.02	172.98	172.87	172.83	172.65	172.64	172.62	172.69
1948	172.64	172.49	172.56	172.76	172.88	172.88	172.84	172.78	172.64	172.53	172.52	172.46	172.66
1949	172.50	172.56	172.52	172.54	172.56	172.57	172.52	172.46	172.44	172.31	172.26	172.22	172.45
1950	172.42	172.52	172.59	172.71	172.72	172.74	172.64	172.57	172.53	172.49	172.52	172.60	172.59
1951	172.59	172.57	172.72	172.84	172.88	172.90	172.86	172.78	172.71	172.64	172.66	172.73	172.74
1952	172.82	172.95	172.96	173.06	173.11	173.10	173.02	172.99	172.91	172.81	172.69	172.70	172.93
1953	172.68	172.76	172.76	172.82	172.84	172.92	172.89	172.84	172.77	172.61	172.59	172.67	172.76
1954	172.49	172.45	172.67	172.78	172.88	172.88	172.78	172.78	172.73	172.82	172.83	172.78	172.74
1955	172.86	172.71	173.00	172.91	172.93	172.88	172.79	172.76	172.65	172.67	172.66	172.51	172.78
1956	172.33	172.24	172.38	172.55	172.76	172.84	172.79	172.81	172.75	172.55	172.55	172.47	172.58
1957	172.48	172.33	172.37	172.59	172.63	172.70	172.76	172.59	172.53	172.37	172.47	172.39	172.52
1958	172.41	172.28	172.22	172.24	172.30	172.36	172.41	172.43	172.36	172.28	172.27	172.18	172.31
1959	172.20	172.19	172.29	172.38	172.51	172.54	172.42	172.36	172.26	172.29	172.34	172.33	172.34
1960	172.48	172.50	172.39	172.51	172.62	172.75	172.71	172.64	172.59	172.51	172.50	172.42	172.55
1961	172.38	172.28	172.42	172.61	172.80	172.78	172.69	172.65	172.59	172.47	172.33	172.36	172.53
1962	172.55	172.44	172.30	172.40	172.41	172.39	172.40	172.36	172.30	172.32	172.20	172.29	172.36
1963	172.41	172.39	172.16	172.27	172.34	172.35	172.35	172.29	172.17	172.09	172.09	172.06	172.25
1964	172.53	172.09	172.02	172.11	172.24	172.23	172.16	172.11	172.04	171.97	171.89	171.85	172.10
1965	171.92	171.98	172.08	172.12	172.25	172.26	172.20	172.16	172.13	172.18	172.15	172.14	172.13
1966	172.20	172.18	172.25	172.29	172.43	172.46	172.46	172.41	172.32	172.24	172.18	172.33	172.31
1967	172.32	172.31	172.24	172.42	172.50	172.50	172.55	172.51	172.40	172.41	172.44	172.42	172.42
1968	172.44	172.58	172.50	172.56	172.56	172.63	172.66	172.64	172.57	172.51	172.41	172.52	172.55
1969	172.56	172.54	172.53	172.62	172.82	172.87	172.87	172.86	172.72	172.64	172.56	172.51	172.68
1970	172.49	172.38	172.38	172.51	172.60	172.62	172.68	172.64	172.59	172.52	172.53	172.52	172.54
1971	172.62	172.48	172.57	172.61	172.63	172.70	172.67	172.63	172.58	172.54	172.49	172.50	172.59
1972	172.61	172.52	172.56	172.65	172.78	172.82	172.87	172.84	172.78	172.75		172.89	172.73
1973	172.96	172.82	172.85	172.98	172.97	173.02	172.99	172.92	172.81	172.72	172.73	172.69	172.87
1974	172.73	172.78	172.86	172.96	172.98	172.96	172.93	172.84	172.79	172.67	172.64	172.64	172.82
1975	172.73	172.78	172.82	172.79	172.76	172.83	172.82	172.79	172.81	172.71	172.78		172.78
1976						Station Closed							
1977													
1978													
1979													

Station: 906-3017 Black Rock Canal, Buffalo, New York on the Niagara River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1932 thru 1975													
	172.42	172.38	172.40	172.49	172.58	172.63	172.60	172.56	172.49	172.42	172.39	172.38	172.48
Monthly and Annual Averages for Period 1966 thru 1975													
	172.57	172.54	172.56	172.64	172.70	172.74	172.75	172.71	172.64	172.57	172.53	172.56	172.63
Highest Monthly and Annual Average for Period 1932 thru 1975													
Level	172.96	172.95	173.00	173.06	173.11	173.10	173.02	172.99	172.91	172.84	172.83	172.89	172.93
Year	1973	1952	1955	1952	1952	1952	1952	1952	1952	1945	1954	1972	1952
Lowest Monthly and Annual Average for Period 1932 thru 1975													
Level	171.87	171.77	171.75	171.87	171.96	171.96	171.94	171.96	171.93	171.90	171.80	171.83	171.90
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1932 thru 1975 173.11 May 1952													
Lowest Monthly Average for Period 1932 thru 1975 171.75 Mar 1934													

Station: 906-3020 Buffalo Harbor, Buffalo, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860				174.61	174.73	174.72	174.70	174.67	174.56	174.44	174.61		174.63
1861					174.74	174.74	174.71	174.66	174.66	174.66	174.62	174.59	174.67
1862					174.78	174.77	174.82	174.72	174.65	174.55			174.72
1863					174.58	174.62	174.56	174.56	174.44	174.33	174.35	174.31	174.47
1864					174.57	174.56	174.47	174.44	174.36	174.30	174.30		174.43
1865					174.34	174.39	174.39	174.34	174.31	174.26	174.20		174.32
1866						174.41	174.43	174.38	174.32	174.33	174.31		174.36
1867						174.56	174.51	174.39	174.27	174.20	174.21		174.36
1868						174.48	174.45	174.37	174.28	174.17	174.14		174.32
1869					174.29	174.40	174.53	174.51	174.40	174.40			174.42
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887			174.54	174.55	174.59	174.63	174.58	174.47	174.37	174.39	174.24	174.24	174.46
1888	174.21	174.03	174.05	174.25	174.29	174.34	174.41	174.38	174.27	174.21	174.17	174.26	174.24
1889	174.20	174.14	174.02	174.13	174.18	174.33	174.34	174.31	174.20	174.04	174.04	174.13	174.17
1890	174.31	174.26	174.33	174.41	174.52	174.62	174.53	174.39	174.28	174.27	174.34	174.26	174.38
1891	174.16	174.14	174.18	174.22	174.16	174.15	174.20	174.11	174.05	173.95	173.93	173.94	174.10
1892	173.91	173.70	173.76	173.92	174.15	174.40	174.46	174.35	174.27	174.16	174.07	174.04	174.10
1893	173.81	173.79	173.88	174.08	174.31	174.41	174.38	174.19	174.12	174.09	174.08	174.07	174.10
1894	174.07	173.96	173.98	174.05	174.17	174.33	174.28	174.13	174.08	174.08	174.03	173.96	174.09
1895	173.94	173.72	173.69	173.76	173.87	173.90	173.89	173.84	173.85	173.78	173.63	173.74	173.80
1896	173.76	173.71	173.63	173.78	173.92	173.93	173.98	174.05	173.92	173.84	173.85	173.79	173.85
1897	173.89	173.76	173.92	174.07	174.20	174.20	174.19	174.16	174.05	173.91	173.92	173.92	174.02
1898	173.93	173.92	174.04	174.22	174.26	174.28	174.20	174.19	174.08	174.05	174.05	174.06	174.10
1899	174.07	173.87	173.98	174.03	174.12	174.18	174.16	174.05	173.99	173.86	173.88	174.01	174.02

Station: 906-3020 Buffalo Harbor, Buffalo, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	173.95	173.91	173.97	174.07	174.12	174.15	174.15	174.12	174.05	173.92	173.98	173.96	174.03
1901	173.94	173.70	173.67	173.73	173.76	173.93	173.98	173.93	173.94	173.88	173.84	173.83	173.84
1902	173.84	173.65	173.70	173.88	173.95	174.03	174.25	174.22	174.11	174.14	174.06	174.03	173.99
1903	174.04	173.93	174.06	174.27	174.29	174.31	174.32	174.22	174.20	174.13	174.03	174.03	174.15
1904	173.74	173.81	173.98	174.29	174.40	174.48	174.45	174.36	174.28	174.21	174.12	174.06	174.18
1905	173.94	173.79	173.81	173.96	174.14	174.32	174.41	174.34	174.28	174.23	174.10	174.15	174.12
1906	174.13	174.00	173.93	174.05	174.11	174.18	174.20	174.19	174.11	174.11	174.13	174.17	174.11
1907	174.32	174.16	174.09	174.21	174.28	174.38	174.42	174.33	174.26	174.26	174.24	174.21	174.26
1908	174.28	174.12	174.19	174.38	174.45	174.46	174.40	174.34	174.22	174.07	174.08	174.01	174.25
1909	173.87	173.89	173.94	174.03	174.27	174.35	174.34	174.23	174.11	174.04	173.91	174.04	174.08
1910	173.82	173.73	173.88	173.99	174.19	174.18	174.13	174.07	173.96	174.00	173.92	173.87	173.98
1911	173.79	173.69	173.73	173.81	173.96	173.97	173.97	173.87	173.80	173.84	173.97	173.90	173.86
1912	173.88	173.70	173.70	174.04	174.16	174.17	174.14	174.16	174.15	174.08	174.12	174.08	174.03
1913	174.12	174.20	174.13	174.54	174.55	174.52	174.48	174.33	174.16	174.10	174.14	174.12	174.28
1914	174.04	173.96	173.81	174.04	174.24	174.28	174.23	174.15	174.08	173.99	174.00	173.86	174.06
1915	173.73	173.74	173.80	173.76	173.85	173.92	174.01	174.08	174.05	174.03	174.00	173.89	173.90
1916	174.04	174.04	173.93	174.12	174.27	174.37	174.35	174.24	174.14	174.06	173.98	173.97	174.13
1917	173.93	173.80	173.88	174.12	174.28	174.44	174.55	174.47	174.35	174.33	174.30	174.24	174.22
1918	174.01	173.89	174.05	174.00	174.04	174.13	174.17	174.14	174.16	174.09	174.15	174.05	174.07
1919	174.19	174.09	174.11	174.28	174.45	174.48	174.41	174.36	174.25	174.14	174.16	174.05	174.25
1920	173.80	173.61	173.65	173.84	174.05	174.12	174.19	174.14	174.09	174.06	174.03	174.12	173.98
1921	174.03	173.95	174.00	174.19	174.27	174.25	174.24	174.13	174.07	173.97	173.88	174.05	174.09
1922	173.92	173.74	173.75	174.13	174.18	174.24	174.20	174.12	174.04	173.98	173.90	173.78	174.00
1923	173.74	173.65	173.70	173.82	173.92	174.01	173.95	173.90	173.81	173.75	173.70	173.82	173.81
1924	173.99	173.73	173.72	173.87	174.03	174.07	174.14	174.04	173.96	173.89	173.86	173.80	173.92
1925	173.55	173.52	173.65	173.71	173.76	173.75	173.72	173.68	173.64	173.62	173.65	173.68	173.66
1926	173.46	173.33	173.37	173.65	173.70	173.77	173.73	173.75	173.74	173.93	173.98	173.85	173.69
1927	173.73	173.64	173.69	173.83	173.95	174.03	174.03	173.97	173.88	173.80	173.77	174.02	173.86
1928	174.11	173.91	173.82	173.94	173.98	174.09	174.20	174.13	174.05	173.97	174.02	174.02	174.02
1929	174.12	173.97	174.14	174.43	174.67	174.66	174.63	174.52	174.38	174.28	174.38	174.28	174.37
1930	174.41	174.30	174.43	174.51	174.55	174.52	174.42	174.26	174.21	174.08	174.03	173.97	174.31
1931	173.89	173.70	173.59	173.73	173.81	173.85	173.90	173.82	173.77	173.70	173.68	173.66	173.76
1932	173.86	173.94	173.89	173.84	173.90	173.93	173.93	173.84	173.72	173.65	173.58	173.63	173.81
1933	173.68	173.70	173.64	173.84	173.97	174.00	173.90	173.78	173.68	173.60	173.53	173.46	173.73
1934	173.45	173.24	173.22	173.42	173.47	173.47	173.46	173.44	173.40	173.38	173.30	173.34	173.38
1935	173.31	173.21	173.27	173.39	173.50	173.60	173.63	173.62	173.53	173.45	173.41	173.42	173.44
1936	173.35	173.21	173.38	173.65	173.71	173.71	173.69	173.60	173.52	173.57	173.60	173.45	173.54
1937	173.67	173.85	173.78	173.82	174.02	174.08	174.20	174.07	173.93	173.80	173.77	173.66	173.89
1938	173.60	173.60	173.79	173.97	174.01	174.04	174.07	174.08	173.94	173.84	173.84	173.83	173.88
1939	173.69	173.68	173.77	173.94	174.07	174.09	174.07	174.04	173.90	173.87	173.76	173.80	173.89

Station: 906-3020 Buffalo Harbor, Buffalo, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	173.69	173.50	173.58	173.77	173.91	174.06	174.04	173.95	173.96	173.85	173.88	173.84	173.84
1941	173.89	173.81	173.70	173.73	173.80	173.84	173.85	173.79	173.73	173.66	173.73	173.63	173.76
1942	173.63	173.54	173.66	173.89	174.02	174.10	174.14	174.11	174.06	173.98	174.02	174.03	173.93
1943	174.02	173.99	174.00	174.10	174.37	174.59	174.58	174.53	174.40	174.24	174.26	174.25	174.28
1944	173.99	173.90	173.94	174.14	174.33	174.39	174.34	174.22	174.15	174.06	173.98	174.01	174.12
1945	173.92	173.79	173.95	174.21	174.30	174.42	174.47	174.40	174.29	174.42	174.30	174.25	174.23
1946	174.24	174.06	174.07	174.20	174.20	174.37	174.40	174.31	174.15	174.06	174.08	174.04	174.18
1947	173.96	173.96	173.90	174.14	174.49	174.66	174.61	174.48	174.44	174.25	174.25	174.22	174.28
1948	174.13	173.99	174.15	174.38	174.52	174.52	174.50	174.38	174.22	174.11	174.11	174.03	174.25
1949	174.06	174.12	174.09	174.14	174.14	174.15	174.11	174.02	173.99	173.85	173.81	173.77	174.02
1950	173.99	174.09	174.13	174.30	174.34	174.34	174.25	174.16	174.10	174.05	174.08	174.18	174.17
1951	174.16	174.11	174.34	174.50	174.52	174.53	174.53	174.43	174.35	174.24	174.26	174.34	174.36
1952	174.43	174.57	174.59	174.74	174.75	174.74	174.71	174.60	174.55	174.42	174.28	174.30	174.56
1953	174.28	174.37	174.36	174.44	174.44	174.55	174.55	174.48	174.39	174.20	174.19	174.26	174.38
1954	174.05	174.00	174.24	174.38	174.50	174.49	174.43	174.37	174.29	174.37	174.40	174.37	174.32
1955	174.48	174.29	174.56	174.56	174.57	174.54	174.45	174.40	174.26	174.26	174.26	174.11	174.39
1956	173.90	173.79	173.94	174.12	174.35	174.42	174.40	174.40	174.31	174.11	174.11	174.01	174.16
1957	173.97	173.85	173.92	174.13	174.19	174.26	174.33	174.19	174.11	173.97	174.04	173.96	174.08
1958	173.95	173.77	173.73	173.80	173.85	173.92	173.98	173.99	173.92	173.82	173.81	173.71	173.85
1959	173.63	173.66	173.79	173.95	174.07	174.08	174.02	173.94	173.81	173.83	173.86	173.83	173.87
1960	173.99	173.99	173.92	174.10	174.21	174.32	174.34	174.29	174.21	174.12	174.12	174.01	174.14
1961	173.86	173.78	173.98	174.20	174.41	174.40	174.35	174.30	174.26	174.08	173.97	174.01	174.13
1962	173.94	173.78	173.86	174.01	174.02	174.03	174.05	173.98	173.92	173.93	173.82	173.94	173.94
1963	173.76	173.61	173.70	173.89	173.94	173.92	173.88	173.84	173.70	173.64	173.68	173.64	173.77
1964	173.55	173.51	173.59	173.73	173.86	173.83	173.80	173.74	173.66	173.55	173.53	173.46	173.65
1965	173.52	173.55	173.68	173.78	173.89	173.88	173.86	173.83	173.77	173.79	173.80	173.76	173.76
1966	173.88	173.77	173.89	173.93	174.08	174.11	174.09	174.06	173.94	173.84	173.81	174.00	173.95
1967	173.99	173.94	173.89	174.11	174.19	174.21	174.26	174.22	174.09	174.09	174.14	174.12	174.10
1968	174.11	174.26	174.18	174.30	174.27	174.35	174.39	174.35	174.26	174.18	174.10	174.23	174.25
1969	174.21	174.24	174.24	174.36	174.56	174.63	174.68	174.67	174.49	174.39	174.33	174.26	174.42
1970	174.17	174.08	174.11	174.27	174.36	174.40	174.45	174.38	174.30	174.23	174.28	174.27	174.28
1971	174.33	174.18	174.32	174.38	174.43	174.47	174.46	174.40	174.32	174.28	174.24	174.26	174.34
1972	174.36	174.24	174.33	174.43	174.57	174.61	174.67	174.62	174.57	174.56	174.59	174.72	174.52
1973	174.78	174.64	174.76	174.92	174.92	174.99	174.92	174.85	174.69	174.58	174.58	174.53	174.76
1974	174.59	174.63	174.79	174.92	174.93	174.91	174.87	174.77	174.65	174.51	174.51	174.52	174.72
1975	174.63	174.63	174.67	174.72	174.70	174.76	174.74	174.64	174.68	174.56	174.55	174.46	174.65
1976	174.51	174.48	174.77	174.77	174.82	174.77	174.81	174.71	174.62	174.51	174.45	174.31	174.63
1977	174.09	173.99	174.16	174.38	174.48	174.45	174.46	174.44	174.40	174.35	174.31	174.47	174.33
1978	174.43	174.26	174.29	174.57	174.62	174.63	174.52	174.44	174.30	174.28	174.20	174.27	174.40
1979	174.18	174.02	174.21	174.48	174.53	174.59	174.59	174.56	174.51	174.51	174.44	174.46	174.42

Station: 906-3020 Buffalo Harbor, Buffalo, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.54	174.39	174.42	174.64	174.66	174.70	174.67	174.70	174.64	174.54	174.37	174.33	174.55
1981	174.15	174.15	174.31	174.35	174.46	174.58	174.60	174.54	174.52	174.47	174.44	174.39	174.41
1982	174.41	174.25	174.42	174.64	174.57	174.61	174.58	174.48	174.33	174.28	174.33	174.40	174.44
1983	174.43	174.33	174.35	174.50	174.67	174.66	174.72	174.68	174.57	174.42	174.45	174.64	174.54
1984	174.36	174.34	174.49	174.60	174.60	174.69	174.70	174.61	174.54	174.43	174.48	174.46	174.52
1985	174.62	174.46	174.74	174.98	174.90	174.88	174.83	174.72	174.65	174.54	174.66	174.96	174.75
1986	174.72	174.70	174.87	174.92	174.95	175.03	175.03	174.95	174.82	174.94	174.88	174.96	174.90
1987	174.91	174.74	174.69	174.79	174.77	174.78	174.78	174.66	174.60	174.50	174.39	174.47	174.67
1988	174.43	174.37	174.34	174.45	174.42	174.39	174.33	174.29	174.15	174.14	174.13	174.13	174.30
1989	174.14	174.12	174.01	174.24	174.31	174.51	174.48	174.39	174.27	174.17	174.24	174.05	174.24
1990	174.02	174.13	174.26	174.36	174.41	174.46	174.38	174.36	174.39	174.33	174.29	174.33	174.31
1991													
1992													
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2019													

Station: 906-3020 Buffalo Harbor, Buffalo, New York on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	174.03	173.95	174.01	174.17	174.27	174.33	174.32	174.26	174.18	174.11	174.09	174.07	174.16
Monthly and Annual Averages for Period 1900 thru 1990													
	174.03	173.96	174.02	174.17	174.26	174.31	174.30	174.24	174.16	174.09	174.07	174.07	174.14
Monthly and Annual Averages for Period 1981 thru 1990													
	174.42	174.36	174.45	174.58	174.61	174.66	174.64	174.57	174.48	174.42	174.43	174.48	174.51
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	174.91	174.74	174.87	174.98	174.95	175.03	175.03	174.95	174.82	174.94	174.88	174.96	174.90
Year	1987	1987	1986	1985	1986	1986	1986	1986	1986	1986	1986	1985	1986
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	173.31	173.21	173.22	173.39	173.47	173.47	173.46	173.44	173.40	173.38	173.30	173.34	173.38
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1860 thru 1990 175.03 Jun 1986													
Lowest Monthly Average for Period 1860 thru 1990 173.21 Feb 1935													

Station: 906-3028 Sturgeon Point, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
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1966													
1967													
1968													
1969	174.21	174.24	174.24	174.36	174.56	174.63	174.68	174.67	174.49	174.39	174.33	174.26	174.42
1970	174.17	174.09	174.12	174.28	174.36	174.39	174.44	174.37	174.30	174.24	174.28	174.28	174.28
1971	174.32	174.20	174.35	174.41	174.45	174.47	174.45	174.39	174.33	174.28	174.24	174.25	174.35
1972	174.34	174.25	174.34	174.45	174.58	174.61	174.68	174.61	174.56	174.56	174.59	174.71	174.52
1973	174.77	174.63	174.76	174.92	174.92	174.98	174.94	174.83	174.68	174.57	174.56	174.52	174.76
1974	174.57	174.63	174.80	174.90	174.92	174.90	174.86	174.75	174.64	174.50	174.50	174.52	174.71
1975	174.61	174.62	174.67	174.72	174.70	174.74	174.72	174.63	174.67	174.55	174.53	174.46	174.63
1976	174.51	174.48	174.79	174.78	174.81	174.76	174.78	174.70	174.60	174.49	174.43	174.29	174.62
1977	174.10	173.99	174.16	174.40	174.48	174.44	174.45	174.42	174.39	174.35	174.30	174.41	174.32
1978	174.43	174.26	174.30	174.60	174.62	174.61	174.51	174.43	174.29	174.26	174.18	174.24	174.40
1979	174.18	174.00	174.21	174.48	174.53	174.57	174.58	174.55	174.50	174.50	174.42	174.45	174.42

Station: 906-3028 Sturgeon Point, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.54	174.39	174.42	174.64	174.66	174.70	174.66	174.69	174.63	174.52	174.36	174.32	174.54
1981	174.16	174.15	174.31	174.36	174.46	174.58	174.59	174.53	174.52	174.47	174.44	174.38	174.41
1982	174.41	174.26	174.43	174.67	174.63	174.61	174.57	174.47	174.32	174.27	174.31	174.39	174.45
1983	174.42	174.33	174.35	174.50	174.67	174.66	174.70	174.66	174.55	174.39	174.43	174.62	174.52
1984	174.37	174.35	174.50	174.60	174.59	174.68	174.68	174.60	174.53	174.43	174.46	174.44	174.52
1985	174.60	174.47	174.77	175.00	174.90	174.88	174.83	174.71	174.65	174.54	174.67	174.94	174.75
1986	174.74	174.73	174.89	174.94	174.95	175.04	175.03	174.94	174.82	174.94	174.88	174.95	174.90
1987	174.91	174.75	174.70	174.80	174.77	174.78	174.77	174.66	174.60	174.50	174.39	174.46	174.67
1988	174.43	174.38	174.35	174.46	174.42	174.39	174.32	174.27	174.14	174.13	174.11	174.12	174.29
1989	174.12	174.12	174.02	174.24	174.31	174.50	174.47	174.38	174.26	174.16	174.21	174.05	174.24
1990	174.03	174.14	174.27	174.36	174.40	174.45	174.37	174.35	174.38	174.31	174.27	174.30	174.30
1991													
1992													
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2018													
2019													

Station: 906-3028 Sturgeon Point, New York on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1969 thru 1990													
	174.41	174.34	174.44	174.59	174.62	174.65	174.64	174.57	174.49	174.43	174.40	174.42	174.50
Monthly and Annual Averages for Period 1981 thru 1990													
	174.42	174.37	174.46	174.59	174.61	174.66	174.63	174.56	174.48	174.41	174.42	174.47	174.51
Highest Monthly and Annual Average for Period 1969 thru 1990													
Level	174.91	174.75	174.89	175.00	174.95	175.04	175.03	174.94	174.82	174.94	174.88	174.95	174.90
Year	1987	1987	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1969 thru 1990													
Level	174.03	173.99	174.02	174.24	174.31	174.39	174.32	174.27	174.14	174.13	174.11	174.05	174.24
Year	1990	1977	1989	1989	1989	1988	1988	1988	1988	1988	1988	1989	1989
Highest Monthly Average for Period 1969 thru 1990 175.04 Jun 1986													
Lowest Monthly Average for Period 1969 thru 1990 173.99 Feb 1977													

Station: 906-3032 Barcelona, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
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1955													
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1957													
1958													
1959													
1960									174.22	174.12	174.07	173.96	174.09
1961	173.86	173.80	174.01	174.21	174.41	174.39	174.34	174.30	174.24	174.08	173.97	173.97	174.13
1962	173.91	173.79	173.87	174.01	174.02	174.03	174.04	173.99	173.91	173.90	173.82	173.89	173.93
1963	173.75	173.62	173.71	173.90	173.94	173.92	173.87	173.82	173.70	173.63	173.64	173.60	173.76
1964	173.52	173.51	173.60	173.74	173.84	173.82	173.77	173.72	173.63	173.52	173.48	173.42	173.63
1965	173.50	173.54	173.68	173.78	173.89	173.87	173.84	173.80	173.75	173.75	173.75	173.72	173.74
1966	173.83	173.77	173.88	173.94	174.07	174.10	174.07	174.03	173.93	173.80	173.79	173.97	173.93
1967	173.95	173.93	173.90	174.10	174.19	174.20	174.25	174.20	174.09	174.09	174.10	174.09	174.09
1968	174.12	174.25	174.19	174.30	174.27	174.34	174.36	174.33	174.24	174.15	174.08	174.15	174.23
1969	174.18	174.25	174.24	174.34	174.54	174.62	174.68	174.65	174.48	174.36	174.29	174.23	174.40
1970	174.17	174.09	174.12	174.27	174.34	174.40	174.43	174.37	174.27	174.20	174.25	174.24	174.26
1971	174.24	174.17	174.32	174.38	174.44	174.47	174.45	174.39	174.32	174.28	174.23	174.15	174.32
1972	174.26	174.21	174.31	174.43	174.58	174.61	174.66	174.59	174.55	174.54	174.56	174.65	174.50
1973	174.70	174.64	174.89	174.89	174.90	174.97	174.94	174.85	174.69	174.58	174.54	174.48	174.74
1974	174.53	174.68	174.77	174.88	174.91	174.91	174.86	174.75	174.63	174.48	174.46	174.48	174.70
1975	174.53	174.56	174.64	174.69	174.70	174.75	174.73	174.63	174.70	174.54	174.47	174.43	174.61
1976	174.47	174.47	174.75	174.76	174.79	174.75	174.78	174.73	174.80		174.38	174.25	174.63
1977	174.09	173.99	174.15	174.37	174.47	174.43	174.44	174.42	174.38	174.33	174.26	174.24	174.30
1978	174.34	174.29	174.30	174.59	174.63	174.61	174.51	174.44	174.29	174.25	174.15	174.15	174.38
1979	174.14	174.12					174.57	174.55	174.51	174.48	174.39	174.40	174.40

Station: 906-3032 Barcelona, New York on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980						174.68	174.66	174.70	174.62	174.49	174.33	174.29	174.54
1981	174.30							174.52	174.52	174.46	174.43	174.38	174.44
1982	174.39	174.26	174.43	174.66	174.59	174.61	174.58	174.47	174.33	174.28	174.30	174.38	174.44
1983	174.42	174.35	174.37	174.50	174.68	174.67	174.72	174.68	174.56	174.42	174.45	174.59	174.53
1984	174.40			174.71	174.60	174.69	174.69	174.61	174.53	174.44	174.45	174.43	174.56
1985	174.57	174.48	174.78	175.00	174.91	174.88	174.83	174.72	174.65	174.54	174.68	174.90	174.75
1986	174.72	174.74	174.89	174.94	174.95	175.04	175.04	174.95	174.83	174.94	174.88	174.94	174.90
1987	174.90	174.76	174.71	174.81	174.78	174.78	174.78	174.66	174.62				174.76
1988						Station Closed							
1989													
1990													
1991													
1992													
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2016													
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Station: 906-3032 Barcelona, New York on Lake Erie

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1960 thru 1987

174.22	174.18	174.26	174.42	174.48	174.50	174.50	174.44	174.36	174.26	174.23	174.24	174.35
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Monthly and Annual Averages for Period 1978 thru 1987

174.46	174.43	174.58	174.75	174.73	174.75	174.71	174.63	174.55	174.48	174.45	174.50	174.57
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Highest Monthly and Annual Average for Period 1960 thru 1987

Level	174.90	174.76	174.89	175.00	174.95	175.04	175.04	174.95	174.83	174.94	174.88	174.94	174.90
Year	1987	1987	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1960 thru 1987

Level	173.50	173.51	173.60	173.74	173.84	173.82	173.77	173.72	173.63	173.52	173.48	173.42	173.63
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964

Highest Monthly Average for Period 1960 thru 1987 175.04 Jun 1986

Lowest Monthly Average for Period 1960 thru 1987 173.42 Dec 1964

Station: 906-3038 Erie, Pennsylvania on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958				173.81	173.83	173.89	173.96	173.96	173.86	173.78	173.74	173.65	173.83
1959	173.61	173.67	173.80	173.95	174.08	174.08	174.01	173.93	173.81	173.81	173.80	173.81	173.86
1960	173.95	173.98	173.92	174.10	174.21	174.31	174.33	174.30	174.21	174.10	174.04	173.94	174.12
1961	173.84	173.80	174.00	174.19	174.40	174.38	174.34	174.30	174.22	174.06	173.95	173.93	174.12
1962	173.86	173.78	173.86	174.00	174.01	174.02	174.03	173.98	173.92	173.89	173.82	173.87	173.92
1963	173.74	173.60	173.70	173.88	173.93	173.92	173.84	173.81	173.69	173.62	173.62	173.56	173.74
1964	173.48	173.49	173.59	173.73	173.84	173.79	173.76	173.70	173.63	173.50	173.46	173.40	173.61
1965	173.48	173.50	173.65	173.78	173.88	173.87	173.84	173.79	173.74	173.73	173.73	173.72	173.72
1966	173.79	173.76	173.87	173.91	174.05	174.08	174.06	174.01	173.91	173.77	173.76	173.94	173.91
1967	173.91	173.90	173.88	174.07	174.17	174.19	174.24	174.19	174.07	174.03	174.07	174.08	174.07
1968	174.10	174.21	174.16	174.27	174.27	174.35	174.37	174.34	174.24	174.14	174.07	174.15	174.22
1969	174.15	174.22	174.21	174.37	174.54	174.62	174.67	174.64	174.46	174.31	174.26	174.24	174.39
1970	174.12	174.06	174.10	174.26	174.35	174.39	174.41	174.37	174.28	174.20	174.22	174.23	174.25
1971	174.24	174.15	174.34	174.38	174.44	174.47	174.45	174.38	174.33	174.27	174.22	174.20	174.32
1972	174.32		174.37	174.40	174.58	174.64	174.68	174.60	174.56	174.53	174.58	174.67	174.54
1973	174.70	174.66	174.77	174.91	174.91	174.98	174.94	174.84	174.68	174.56	174.51	174.48	174.74
1974	174.54	174.66	174.78	174.87	174.90	174.90	174.85	174.75	174.62	174.48	174.46	174.48	174.69
1975	174.56	174.58	174.66	174.71	174.70	174.75	174.71	174.63	174.66	174.55	174.48	174.44	174.62
1976	174.45	174.45	174.77	174.78	174.80	174.75	174.77	174.69	174.57	174.46	174.35	174.22	174.59
1977	174.09	173.99	174.17	174.40	174.49	174.44	174.44	174.41	174.41	174.34	174.27	174.35	174.32
1978	174.39	174.28	174.30	174.60	174.63	174.61	174.52	174.43	174.30	174.25	174.16	174.17	174.39
1979	174.13	174.02	174.20	174.48	174.54	174.58	174.58	174.55	174.51	174.48	174.42	174.42	174.41

Station: 906-3038 Erie, Pennsylvania on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.48	174.38	174.42	174.64	174.66	174.70	174.66	174.69	174.62	174.50	174.33	174.29	174.53
1981	174.12		174.29	174.35	174.46	174.64	174.59	174.52	174.51	174.46	174.42		174.44
1982			174.43	174.68	174.60	174.61	174.57	174.47	174.33	174.27	174.28	174.36	174.46
1983	174.41	174.34	174.37	174.50	174.67	174.66	174.71	174.69	174.55	174.42	174.43	174.54	174.52
1984	174.38	174.32	174.58	174.66			174.63	174.61	174.53	174.44	174.43	174.41	174.50
1985	174.57	174.52	174.79	175.00	174.92	174.89	174.84	174.73	174.66	174.54	174.68	174.87	174.75
1986	174.71	174.74	174.89	174.95	174.96	175.04	175.04	174.95	174.82	174.94	174.87	174.92	174.90
1987	174.89	174.76	174.72	174.82	174.78	174.78	174.78	174.67	174.60	174.48	174.38	174.43	174.67
1988	174.39	174.37	174.37	174.47	174.44	174.40	174.33	174.28	174.15	174.10	174.08	174.08	174.29
1989	174.09	174.11	174.06	174.25	174.32	174.54	174.50	174.40	174.29	174.17	174.16	174.04	174.25
1990	174.02	174.17	174.29	174.37	174.42	174.46	174.40	174.38	174.40	174.32	174.26	174.29	174.32
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2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3038 Erie, Pennsylvania on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1958 thru 1990													
	174.18	174.15	174.26	174.38	174.43	174.46	174.45	174.39	174.31	174.23	174.19	174.19	174.30
Monthly and Annual Averages for Period 1981 thru 1990													
	174.40	174.42	174.48	174.60	174.62	174.67	174.64	174.57	174.48	174.42	174.40	174.44	174.51
Highest Monthly and Annual Average for Period 1958 thru 1990													
Level	174.89	174.76	174.89	175.00	174.96	175.04	175.04	174.95	174.82	174.94	174.87	174.92	174.90
Year	1987	1987	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1958 thru 1990													
Level	173.48	173.49	173.59	173.73	173.83	173.79	173.76	173.70	173.63	173.50	173.46	173.40	173.61
Year	1965	1964	1964	1964	1958	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1958 thru 1990 175.04 Jun 1986													
Lowest Monthly Average for Period 1958 thru 1990 173.40 Dec 1964													

Station: 906-3053 Fairport Harbor, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975						174.76	174.71	174.65	174.68	174.56	174.45	174.44	174.61
1976	174.43	174.44	174.76	174.80	174.80	174.78	174.79	174.72	174.58	174.46	174.31		174.62
1977		174.01	174.18	174.40	174.51	174.44	174.44	174.41	174.39	174.34	174.24	174.29	174.33
1978		174.24	174.31	174.61	174.65	174.61	174.52	174.43	174.31	174.22	174.15	174.09	174.38
1979	174.08	174.05	174.20	174.47	174.56	174.59	174.58	174.55	174.52	174.42	174.34	174.37	174.39

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Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 906-3053 Fairport Harbor, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.45	174.38	174.43	174.65	174.66	174.69	174.66	174.70	174.61	174.49	174.28	174.26	174.52
1981	174.11	174.13	174.29	174.34	174.47	174.56	174.60	174.54	174.51	174.45	174.39	174.34	174.40
1982	174.30	174.27	174.43	174.66	174.62	174.62	174.58	174.46	174.34	174.25	174.24	174.33	174.42
1983	174.38	174.36	174.39	174.52	174.67	174.69	174.70	174.69	174.54	174.42	174.41	174.47	174.52
1984	174.37	174.39	174.54	174.62	174.60	174.69	174.67	174.61	174.52	174.45	174.39	174.35	174.52
1985	174.44	174.47	174.78	174.98	174.92	174.88	174.83	174.73	174.66	174.54	174.71	174.76	174.72
1986	174.67	174.77	174.88	174.96	174.97	175.05	175.04	174.95	174.83	174.94	174.85	174.89	174.90
1987	174.87	174.78	174.74	174.84	174.80	174.78	174.78	174.68	174.60	174.46	174.36	174.38	174.67
1988	174.34	174.34	174.37	174.47	174.46	174.40	174.33	174.27	174.15	174.06	174.03	174.02	174.27
1989	174.05	174.07	174.09	174.24	174.32	174.52	174.51	174.40	174.30	174.16	174.08	174.00	174.23
1990	173.98	174.17	174.31	174.37	174.42	174.45	174.42	174.40	174.39	174.30	174.23	174.26	174.31
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3053 Fairport Harbor, Ohio on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1975 thru 1990													
	174.34	174.33	174.45	174.59	174.63	174.66	174.64	174.57	174.50	174.41	174.34	174.35	174.49
Monthly and Annual Averages for Period 1981 thru 1990													
	174.35	174.38	174.48	174.60	174.63	174.67	174.65	174.57	174.48	174.40	174.37	174.38	174.50
Highest Monthly and Annual Average for Period 1975 thru 1990													
Level	174.87	174.78	174.88	174.98	174.97	175.05	175.04	174.95	174.83	174.94	174.85	174.89	174.90
Year	1987	1987	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1975 thru 1990													
Level	173.98	174.01	174.09	174.24	174.32	174.40	174.33	174.27	174.15	174.06	174.03	174.00	174.23
Year	1990	1977	1989	1989	1989	1988	1988	1988	1988	1988	1988	1989	1989

Highest Monthly Average for Period 1975 thru 1990 175.05 Jun 1986

Lowest Monthly Average for Period 1975 thru 1990 173.98 Jan 1990

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 Water Levels in Meters, IGLD (1985)

Station: 906-3063 Cleveland, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	174.34	174.23	174.35	174.56	174.63	174.62	174.54	174.49	174.39	174.30	174.27	174.22	174.41
1861	174.14	174.06	174.19	174.51	174.64	174.66	174.58	174.60	174.54	174.47	174.46	174.39	174.44
1862	174.39	174.30	174.34	174.62	174.69	174.69	174.68	174.57	174.47	174.36	174.25	174.26	174.47
1863	174.40	174.49	174.47	174.51	174.56	174.52	174.48	174.46	174.34	174.20	174.08	174.07	174.38
1864	173.98	174.03	174.09	174.24	174.46	174.44	174.36	174.28	174.21	174.12	174.07	174.09	174.20
1865	173.96	173.78	173.88	174.10	174.28	174.27	174.26	174.23	174.22	174.13	174.01	173.97	174.09
1866	173.89	173.84	173.96	174.13	174.20	174.28	174.31	174.24	174.22	174.22	174.14	174.15	174.13
1867	174.06	173.96	174.08	174.18	174.34	174.43	174.38	174.28	174.16	174.06	173.91	173.84	174.14
1868	173.78	173.66	173.84	174.10	174.23	174.35	174.34	174.18	174.10	173.96	173.92	173.85	174.03
1869	173.85	173.83	173.97	174.06	174.23	174.35	174.44	174.41	174.32	174.19	174.05	174.15	174.15
1870	174.23	174.30	174.23	174.42	174.49	174.48	174.49	174.48	174.40	174.28	174.19	174.16	174.34
1871	174.09	173.99	174.13	174.28	174.36	174.37	174.36	174.31	174.25	174.04	173.99	173.85	174.17
1872	173.83	173.76	173.73	173.79	173.92	174.04	174.03	174.02	173.96	173.90	173.80	173.73	173.88
1873	173.70	173.70	173.73	174.12	174.32	174.34	174.34	174.32	174.20	174.11	174.05	174.16	174.09
1874	174.27	174.28	174.30	174.34	174.37	174.39	174.40	174.35	174.21	174.08	173.95	173.89	174.24
1875	173.82	173.77	173.81	173.93	174.07	174.19	174.23	174.23	174.19	174.04	173.99	174.06	174.03
1876	174.04	174.21	174.41	174.57	174.67	174.70	174.67	174.58	174.52	174.36	174.39	174.28	174.45
1877	174.13	174.11	174.04	174.17	174.25	174.27	174.34	174.30	174.28	174.16	174.13	174.15	174.19
1878	174.18	174.22	174.26	174.38	174.46	174.47	174.47	174.39	174.35	174.25	174.18	174.21	174.32
1879	174.08	174.04	174.05	174.15	174.20	174.23	174.24	174.17	174.07	174.00	173.85	173.93	174.08
1880	174.08	174.10	174.14	174.19	174.26	174.30	174.33	174.26	174.19	174.08	174.05	173.95	174.16
1881	173.81	173.85	173.94	174.14	174.26	174.34	174.33	174.23	174.12	174.11	174.06	174.12	174.11
1882	174.26	174.26	174.40	174.46	174.52	174.57	174.57	174.52	174.44	174.30	174.21	174.05	174.38
1883	174.02	174.09	174.15	174.18	174.32	174.54	174.60	174.58	174.48	174.39	174.27	174.28	174.33
1884	174.18	174.26	174.32	174.48	174.57	174.59	174.52	174.48	174.34	174.24	174.10	174.08	174.35
1885	174.02	173.96	173.92	174.16	174.39	174.54	174.53	174.53	174.49	174.46	174.42	174.41	174.32
1886	174.41	174.19	174.13	174.40	174.49	174.52	174.52	174.45	174.38	174.31	174.22	174.20	174.35
1887	174.12	174.26	174.49	174.51	174.56	174.57	174.50	174.40	174.33	174.15	174.07	174.08	174.34
1888	174.02	173.94	173.97	174.16	174.24	174.28	174.32	174.29	174.16	174.05	174.06	174.03	174.13
1889	174.03	173.98	173.94	174.04	174.10	174.23	174.29	174.20	174.08	173.95	173.87	173.94	174.05
1890	174.06	174.14	174.18	174.33	174.43	174.55	174.43	174.30	174.24	174.18	174.17	174.10	174.26
1891	174.03	174.03	174.17	174.13	174.07	174.12	174.09	174.00	173.95	173.83	173.70	173.72	173.99
1892	173.73	173.66	173.68	173.85	174.09	174.32	174.36	174.25	174.16	173.98	173.88	173.80	173.98
1893	173.69	173.71	173.78	174.00	174.26	174.31	174.23	174.12	174.01	173.90	173.78	173.80	173.97
1894	173.89	173.85	173.86	173.98	174.10	174.20	174.16	174.05	174.00	173.90	173.83	173.80	173.97
1895	173.70	173.64	173.64	173.71	173.78	173.81	173.78	173.75	173.72	173.57	173.54	173.59	173.69
1896	173.62	173.60	173.58	173.72	173.84	173.92	173.88	173.94	173.85	173.78	173.66	173.67	173.76
1897	173.66	173.72	173.84	174.00	174.10	174.13	174.13	174.08	174.00	173.85	173.81	173.80	173.93
1898	173.81	173.88	173.96	174.13	174.18	174.19	174.12	174.06	173.94	173.88	173.84	173.79	173.98
1899	173.84	173.78	173.89	173.98	174.07	174.11	174.08	174.00	173.89	173.82	173.82	173.74	173.92

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 Water Levels in Meters, IGLD (1985)

Station: 906-3063 Cleveland, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	173.74	173.81	173.92	174.01	174.06	174.08	174.04	174.03	173.93	173.86	173.78	173.77	173.92
1901	173.74	173.63	173.60	173.72	173.73	173.85	173.91	173.87	173.85	173.73	173.68	173.69	173.75
1902	173.66	173.52	173.61	173.78	173.89	173.97	174.16	174.16	174.05	174.02	173.94	173.88	173.89
1903	173.82	173.84	174.02	174.26	174.27	174.26	174.24	174.17	174.12	174.01	173.87	173.76	174.05
1904	173.73	173.76	173.94	174.28	174.34	174.40	174.37	174.27	174.19	174.08	173.97	173.86	174.10
1905	173.79	173.70	173.69	173.88	174.08	174.24	174.26	174.20	174.13	174.03	173.92	173.91	173.98
1906	173.92	173.92	173.85	173.98	174.06	174.12	174.14	174.14	174.05	174.01	174.00	174.07	174.02
1907	174.18	174.09	174.02	174.16	174.21	174.33	174.34	174.26	174.18	174.16	174.07	174.02	174.17
1908	174.12	174.00	174.14	174.33	174.40	174.40	174.34	174.29	174.15	174.04	173.85	173.77	174.15
1909	173.77	173.78	173.87	173.96	174.20	174.31	174.25	174.19	174.06	173.87	173.83	173.76	173.99
1910	173.72	173.69	173.84	173.97	174.12	174.13	174.07	174.01	173.95	173.91	173.78	173.74	173.91
1911	173.64	173.66	173.66	173.82	173.90	173.92	173.86	173.82	173.79	173.79	173.67	173.76	173.77
1912	173.72	173.66	173.70	174.02	174.12	174.14	174.11	174.09	174.09	173.98	173.91	173.80	173.94
1913	174.01	174.06	174.07	174.56	174.54	174.50	174.41	174.31	174.16	174.06	174.02	173.98	174.22
1914	173.95	173.85	173.78	173.99	174.21	174.25	174.19	174.11	174.03	173.96	173.78	173.76	173.99
1915	173.66	173.74	173.76	173.77	173.84	173.89	173.94	174.02	173.99	173.92	173.78	173.75	173.84
1916	173.84	173.94	173.90	174.08	174.20	174.33	174.31	174.19	174.03	173.91	173.83	173.79	174.03
1917	173.81	173.74	173.80	174.12	174.24	174.40	174.50	174.41	174.32	174.19	174.23	174.10	174.16
1918	173.90	173.83	174.01	174.02	173.98	174.10	174.11	174.10	174.08	174.03	173.98	174.00	174.01
1919	173.99	174.00	174.09	174.26	174.45	174.48	174.38	174.29	174.17	174.08	174.01	173.90	174.18
1920	173.72	173.56	173.59	173.82	174.03	174.09	174.13	174.12	174.06	173.96	173.92	173.92	173.91
1921	173.92	173.90	173.97	174.18	174.26	174.24	174.20	174.08	173.98	173.86	173.87	173.85	174.03
1922	173.78	173.68	173.75	174.03	174.16	174.20	174.16	174.08	174.03	173.90	173.76	173.66	173.93
1923	173.68	173.58	173.63	173.78	173.88	173.94	173.93	173.84	173.79	173.70	173.62	173.71	173.76
1924	173.71	173.73	173.70	173.87	173.98	174.02	174.07	173.98	173.92	173.84	173.65	173.56	173.84
1925	173.51	173.48	173.61	173.73	173.72	173.68	173.66	173.65	173.61	173.51	173.46	173.44	173.59
1926	173.34	173.30	173.33	173.57	173.68	173.70	173.69	173.72	173.76	173.84	173.77	173.77	173.62
1927	173.66	173.62	173.66	173.86	173.92	173.99	173.98	173.93	173.82	173.73	173.66	173.82	173.80
1928	173.83	173.85	173.77	173.87	173.96	174.06	174.14	174.11	173.98	173.89	173.85	173.88	173.93
1929	173.88	173.96	174.10	174.43	174.63	174.63	174.59	174.48	174.36	174.22	174.17	174.17	174.30
1930	174.35	174.30	174.42	174.53	174.53	174.46	174.39	174.25	174.13	174.01	173.87	173.83	174.26
1931	173.75	173.66	173.57	173.67	173.77	173.82	173.84	173.79	173.70	173.62	173.54	173.54	173.69
1932	173.70	173.78	173.77	173.81	173.89	173.89	173.86	173.78	173.69	173.52	173.49	173.44	173.72
1933	173.53	173.51	173.61	173.84	173.97	173.95	173.87	173.78	173.64	173.51	173.38	173.36	173.66
1934	173.31	173.21	173.20	173.37	173.44	173.45	173.45	173.42	173.38	173.29	173.19	173.16	173.32
1935	173.19	173.17	173.27	173.40	173.51	173.56	173.59	173.60	173.48	173.36	173.34	173.33	173.40
1936	173.21	173.15	173.37	173.60	173.69	173.69	173.66	173.58	173.52	173.48	173.41	173.35	173.48
1937	173.55	173.71	173.71	173.82	174.00	174.05	174.12	174.05	173.88	173.70	173.58	173.49	173.81
1938	173.50	173.63	173.77	173.97	173.99	174.02	174.02	174.02	173.91	173.82	173.68	173.63	173.83
1939	173.64	173.62	173.75	173.92	174.04	174.06	174.04	173.99	173.89	173.77	173.70	173.64	173.84

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Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	173.52	173.51	173.56	173.78	173.91	174.01	174.02	173.96	173.92	173.83	173.70	173.74	173.79
1941	173.84	173.71	173.66	173.73	173.78	173.82	173.81	173.75	173.65	173.56	173.48	173.50	173.69
1942	173.45	173.54	173.60	173.90	173.99	174.10	174.10	174.08	174.00	173.92	173.88	173.85	173.87
1943	173.97	173.88	173.95	174.11	174.37	174.57	174.57	174.49	174.35	174.25	174.15	174.04	174.23
1944	173.92	173.87	173.91	174.17	174.33	174.38	174.31	174.20	174.11	174.02	173.95	173.88	174.09
1945	173.83	173.75	173.96	174.17	174.29	174.42	174.46	174.39	174.29	174.32	174.20	174.13	174.18
1946	174.12	174.00	174.10	174.16	174.20	174.36	174.38	174.27	174.14	174.02	173.93	173.84	174.13
1947	173.81	173.82	173.81	174.18	174.47	174.65	174.57	174.50	174.42	174.26	174.14	174.07	174.22
1948	174.06	173.98	174.14	174.38	174.50	174.51	174.48	174.38	174.25	174.07	173.97	173.92	174.22
1949	173.94	174.02	174.07	174.12	174.15	174.15	174.12	174.03	173.89	173.81	173.67	173.63	173.97
1950	173.87	174.06	174.06	174.30	174.34	174.30	174.24	174.14	174.10	174.02	173.97	174.08	174.12
1951	174.08	174.10	174.30	174.47	174.54	174.54	174.50	174.41	174.29	174.19	174.15	174.18	174.31
1952	174.34	174.55	174.61	174.73	174.76	174.75	174.68	174.60	174.51	174.32	174.18	174.18	174.52
1953	174.24	174.24	174.30	174.38	174.47	174.56	174.52	174.48	174.34	174.23	174.12	174.03	174.33
1954	174.02	173.98	174.13	174.39	174.48	174.45	174.41	174.35	174.25	174.30	174.31	174.29	174.28
1955	174.36	174.29	174.46	174.56	174.56	174.52	174.45	174.41	174.28	174.17	174.05	174.01	174.34
1956	173.92	173.75	173.93	174.09	174.33	174.39	174.39	174.36	174.26	174.10	173.94	173.91	174.11
1957	173.86	173.85	173.92	174.11	174.23	174.24	174.31	174.20	174.08	173.96	173.81	173.85	174.04
1958	173.88	173.72	173.74	173.80	173.84	173.87	173.95	173.95	173.89	173.76	173.64	173.57	173.80
1959	173.52	173.66	173.79	173.96	174.09	174.08	173.99	173.92	173.82	173.78	173.70	173.78	173.84
1960	173.87	173.91	173.92	174.09	174.21	174.29	174.33	174.31	174.23	174.08	173.92	173.83	174.08
1961	173.79	173.80	174.01	174.17	174.40	174.38	174.32	174.29	174.20	174.03	173.91	173.83	174.09
1962	173.74	173.78	173.88	173.98	174.01	174.05	174.03	173.99	173.91	173.86	173.83	173.76	173.90
1963	173.66	173.59	173.68	173.87	173.93	173.92	173.84	173.80	173.72	173.62	173.54	173.46	173.72
1964	173.44	173.47	173.57	173.74	173.83	173.81	173.77	173.70	173.62	173.47	173.39	173.38	173.60
1965	173.45	173.50	173.67	173.79	173.88	173.88	173.83	173.79	173.75	173.67	173.64	173.66	173.71
1966	173.75	173.77	173.86	173.96	174.07	174.09	174.07	174.01	173.92	173.72	173.73	173.88	173.90
1967	173.86	173.88	173.92	174.09	174.20	174.20	174.23	174.19	174.08	174.00	173.98	174.04	174.06
1968	174.09	174.18	174.17	174.26	174.28	174.34	174.36	174.32	174.21	174.09	174.03	174.06	174.20
1969	174.07	174.24	174.20	174.39	174.55	174.62	174.69	174.63	174.47	174.31	174.22	174.25	174.39
1970	174.08	174.07	174.12	174.28	174.37	174.41	174.42	174.37	174.29	174.22	174.18	174.21	174.25
1971	174.15	174.13	174.32	174.38	174.44	174.48	174.44	174.38	174.34	174.27	174.16	174.16	174.30
1972	174.18	174.20	174.33	174.47	174.61	174.62	174.65	174.60	174.56	174.51	174.58	174.63	174.50
1973	174.65	174.69	174.80	174.92	174.91	174.99	174.94	174.84	174.68	174.57	174.46	174.48	174.74
1974	174.52	174.64	174.77	174.89	174.89	174.90	174.85	174.75	174.62	174.46	174.43	174.49	174.68
1975	174.49	174.54	174.68	174.71	174.71	174.75	174.70	174.64	174.67	174.55	174.43	174.43	174.61
1976	174.41	174.43	174.77	174.80	174.80	174.77	174.76	174.70	174.56	174.43	174.24	174.13	174.57
1977	174.04	173.99	174.18	174.39	174.51	174.44	174.44	174.38	174.38	174.33	174.23	174.26	174.30
1978	174.30	174.28	174.32	174.61	174.64	174.60	174.52	174.43	174.32	174.22	174.14	174.06	174.37
1979	174.06	174.05	174.19	174.47	174.56	174.59	174.58	174.55	174.53	174.43	174.32	174.36	174.39

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 906-3063 Cleveland, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.44	174.38	174.44	174.65	174.66	174.70	174.66	174.69	174.61	174.43	174.29	174.27	174.52
1981	174.16	174.14	174.30	174.38	174.51	174.58	174.60	174.54	174.50	174.44	174.39	174.32	174.41
1982	174.25	174.28	174.43	174.65	174.63	174.64	174.60	174.47	174.34	174.24	174.23	174.32	174.42
1983	174.38	174.37	174.41	174.53	174.69	174.70	174.70	174.69	174.53	174.41	174.40	174.42	174.52
1984	174.36	174.39	174.55	174.62	174.59	174.68	174.66	174.61	174.52	174.45	174.38	174.33	174.51
1985	174.40	174.46	174.79	174.97	174.92	174.89	174.83	174.73	174.66	174.53	174.70	174.70	174.71
1986	174.64	174.79	174.87	174.94	174.96	175.05	175.03	174.94	174.82	174.93	174.84	174.86	174.89
1987	174.85	174.78	174.74	174.84	174.79	174.77	174.78	174.68	174.59	174.43	174.35	174.35	174.66
1988	174.30	174.32	174.36	174.46	174.46	174.40	174.33	174.26	174.14	174.03	174.00	173.98	174.25
1989	174.03	174.05	174.10	174.24	174.32	174.52	174.51	174.39	174.30	174.15	174.03	173.97	174.22
1990	173.95	174.16	174.30	174.35	174.41	174.43	174.40	174.39	174.37	174.28	174.20	174.22	174.29
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
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2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3063 Cleveland, Ohio on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	173.94	173.94	174.01	174.17	174.26	174.31	174.29	174.23	174.15	174.05	173.97	173.95	174.11
Monthly and Annual Averages for Period 1900 thru 1990													
	173.92	173.91	173.99	174.16	174.24	174.28	174.27	174.21	174.12	174.02	173.94	173.93	174.08
Monthly and Annual Averages for Period 1981 thru 1990													
	174.33	174.37	174.48	174.60	174.63	174.67	174.64	174.57	174.48	174.39	174.35	174.35	174.49
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	174.85	174.79	174.87	174.97	174.96	175.05	175.03	174.94	174.82	174.93	174.84	174.86	174.89
Year	1987	1986	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	173.19	173.15	173.20	173.37	173.44	173.45	173.45	173.42	173.38	173.29	173.19	173.16	173.32
Year	1935	1936	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1860 thru 1990 175.05 Jun 1986													
Lowest Monthly Average for Period 1860 thru 1990 173.15 Feb 1936													

Station: 906-3079 Marblehead, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959						174.08	173.98	173.91	173.82	173.76	173.65	173.76	173.85
1960	173.86	173.87	173.91	174.08	174.21	174.30	174.32	174.36	174.22	174.06	173.86	173.79	174.07
1961	173.77	173.81	174.03	174.17	174.40	174.35	174.31	174.28	174.19	174.01	173.88	173.79	174.08
1962	173.72	173.79	173.88	173.98	174.03	174.06	174.03	173.99	173.90	173.83	173.83	173.70	173.90
1963	173.63	173.60	173.68	173.86	173.93	173.91	173.84	173.79	173.74	173.62	173.49	173.39	173.71
1964	173.40	173.45	173.50	173.76	173.84	173.82	173.77	173.70	173.62	173.45	173.34	173.36	173.58
1965	173.43	173.46	173.66	173.80	173.89	173.92	173.85	173.78	173.76	173.61	173.56	173.61	173.69
1966	173.71	173.76	173.83	173.98	174.08	174.09	174.07	174.00	173.90	173.69	173.70	173.73	173.88
1967	173.83	173.90	173.96	174.08	174.24	174.22	174.23	174.18	174.08	173.98	173.92	174.03	174.05
1968	174.08	174.12	174.18	174.26	174.30	174.35	174.36	174.32	174.17	174.05	174.00	173.98	174.18
1969	174.08	174.23	174.18	174.39	174.54	174.62	174.70	174.63	174.48	174.29	174.18	174.23	174.38
1970	174.06	174.04	174.13	174.28	174.38	174.43	174.41	174.37	174.29	174.23	174.15	174.17	174.24
1971	174.08	174.11	174.28	174.38	174.43	174.49	174.44	174.39	174.36	174.27	174.11	174.13	174.29
1972	174.12	174.17	174.32	174.50	174.63	174.61	174.66	174.60	174.56	174.49	174.57	174.60	174.49
1973	174.60	174.70	174.80	174.93	174.90	174.99	174.94	174.84	174.69	174.56	174.40	174.46	174.74
1974	174.51	174.66	174.82	174.90	174.93	174.91	174.86	174.76	174.60	174.45	174.38	174.46	174.69
1975	174.44	174.51	174.68	174.69	174.72	174.77	174.70	174.65	174.67	174.56	174.39	174.42	174.60
1976	174.36	174.40	174.74	174.81	174.81	174.78	174.77	174.72	174.56	174.41	174.18	174.05	174.55
1977	174.20	173.98	174.17	174.39	174.53	174.44	174.44	174.39	174.38	174.31	174.20	174.19	174.30
1978	174.23	174.28	174.33	174.62	174.65	174.60	174.52	174.42	174.32	174.19	174.12	173.99	174.36
1979	174.00	174.04	174.18	174.14	174.58	174.58	174.58	174.54	174.53	174.39	174.28	174.32	174.34

Station: 906-3079 Marblehead, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.42	174.36	174.39	174.65	174.67	174.69	174.66	174.68	174.60	174.38	174.25	174.22	174.50
1981	174.07	174.08	174.27	174.34	174.50	174.56	174.62	174.54	174.48	174.41	174.35	174.27	174.38
1982	174.18	174.28	174.42	174.62	174.63	174.64	174.59	174.46	174.33	174.23	174.18	174.29	174.40
1983	174.34	174.37	174.42	174.54	174.68	174.71	174.70	174.70	174.52	174.41	174.36		174.52
1984			174.53	174.61	174.60	174.70	174.67	174.61	174.52	174.47	174.34	174.29	174.53
1985	174.33	174.44	174.80	174.96	174.94	174.89	174.84	174.74	174.65	174.53	174.75	174.62	174.71
1986	174.61	174.78	174.87	174.96	174.98	175.05	175.03	174.94	174.81	174.92	174.82	174.83	174.88
1987	174.82	174.78	174.76	174.85	174.82	174.76	174.77	174.68	174.60	174.40	174.34	174.31	174.66
1988	174.26	174.27	174.35	174.45	174.46	174.42	174.33	174.26	174.13	173.97	173.95	173.92	174.23
1989	174.00	174.02	174.12	174.24	174.32	174.52	174.52	174.39	174.31	174.13	173.96	173.92	174.20
1990	173.90	174.16	174.31	174.34	174.40	174.42	174.42	174.40	174.36	174.25	174.16	174.17	174.27
1991													
1992													
1993													
1994													
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2015													
2016													
2017													
2018													
2019													

Station: 906-3079 Marblehead, Ohio on Lake Erie

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1959 thru 1990

174.10	174.15	174.27	174.40	174.48	174.49	174.47	174.41	174.32	174.20	174.11	174.10	174.29
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Monthly and Annual Averages for Period 1981 thru 1990

174.28	174.35	174.48	174.59	174.63	174.67	174.65	174.57	174.47	174.37	174.32	174.29	174.48
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Highest Monthly and Annual Average for Period 1959 thru 1990

Level	174.82	174.78	174.87	174.96	174.98	175.05	175.03	174.94	174.81	174.92	174.82	174.83	174.88
Year	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1959 thru 1990

Level	173.40	173.45	173.50	173.76	173.84	173.82	173.77	173.70	173.62	173.45	173.34	173.36	173.58
Year	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964

Highest Monthly Average for Period 1959 thru 1990 175.05 Jun 1986

Lowest Monthly Average for Period 1959 thru 1990 173.34 Nov 1964

Station: 906-3085 Toledo, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
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1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899													

174.37

174.37

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 906-3085 Toledo, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904								174.31	174.21	174.07			174.20
1905													
1906	173.82	173.90	173.85	174.00	174.07	174.15	174.28	174.22	174.13	173.98	173.86	173.87	174.06
1907	174.15	174.10	174.03	174.15	174.23	174.36	174.17	174.18	174.09	173.99	173.97	174.03	174.02
1908	174.08	173.96		174.34	174.44		174.34	174.26	174.16	174.13	174.04	173.99	174.16
1909													174.21
1910													
1911													
1912	173.68	173.68	173.88	174.06	174.11	174.17	174.13	174.08	174.07	173.78	173.48	173.74	173.67
1913	174.15	173.98	174.34	174.57	174.56	174.49	174.39	174.32	174.25	174.00	173.91	173.91	174.24
1914	173.91	173.81	173.81	174.01	174.30	174.27	174.19	174.10	174.02	173.94	173.73	173.71	173.98
1915	173.60	173.82	173.69	173.74	173.84	173.92	173.94	174.00	174.00	173.90	173.53	173.68	173.81
1916	174.04	173.99	174.04	174.12	174.24	174.36	174.38	174.21	174.06	173.86	173.78	173.72	174.06
1917	173.82	173.75	173.76	174.20	174.23	174.41	174.51	174.43	174.36	174.13	174.24	174.13	174.16
1918	173.89	174.52	174.06	174.12	174.00	174.12	174.12						174.11
1919	173.92	174.00	174.19	174.27	174.50	174.52	174.40	174.26	174.15	174.07	173.98	173.81	174.17
1920	173.72	173.56	173.55	173.78	174.07	174.10	174.12	174.17	174.05	173.91	173.84	173.82	173.89
1921	173.90	173.86	174.00	174.15	174.30	174.25	174.19				173.87	173.78	174.03
1922	173.71	173.62	173.81	174.05	174.19	174.20	174.16	174.08	174.04	173.84	173.64	173.58	173.91
1923	173.66	173.54	173.54	173.80	173.93	173.92			173.82	173.68	173.60	173.74	173.72
1924	173.71	173.76	173.83	173.97	174.01	174.07	174.07	174.01	173.90	173.83	173.53	173.53	173.85
1925	173.54	173.49	173.69	173.81	173.71	173.69	173.66	173.71	173.65	173.41	173.41	173.40	173.60
1926	173.35	173.36	173.36	173.62	173.73	173.68	173.73	173.78	173.88	173.81	173.72	173.73	173.65
1927	173.68	173.77	173.74	173.73	173.93	174.03	174.02	173.97	173.81	173.68	173.62	173.81	173.82
1928	173.72	173.89	173.72	173.86	173.99	174.10	174.16	174.14	173.98	173.85	173.73	173.79	173.91
1929	174.07	174.05	174.10	174.35	174.62	174.58	174.62	174.47	174.32	174.22	174.05	174.21	174.30
1930	174.54	174.31	174.37	174.54	174.50	174.44	174.40	174.28	174.12	173.98	173.82	173.77	174.26
1931	173.71	173.66	173.59	173.67	173.76	173.87	173.86	173.83	173.68	173.60	173.42	173.50	173.68
1932	173.64	173.74	173.66	173.81	173.90	173.89	173.80	173.77	173.67	173.45	173.47	173.42	173.68
1933	173.51	173.39	173.60	173.85	174.10	173.90	173.89	173.78	173.49	173.44	173.35	173.39	173.64
1934	173.33	173.32	173.35	173.36	173.44	173.46	173.46	173.46	173.36	173.26	173.10	173.08	173.33
1935	173.14	173.17	173.33	173.44	173.61	173.52	173.59	173.60	173.46	173.29	173.31	173.25	173.39
1936	173.19	173.44	173.50	173.54	173.69	173.70	173.67	173.61	173.58	173.43	173.30		173.51
1937			173.65	173.86			174.07	174.06				173.40	173.81
1938	173.45	173.66	173.78		173.99	173.98	174.03	174.03	173.96	173.86	173.56	173.37	173.79
1939		173.61	173.75	173.88	174.04	174.06	174.06	173.99	173.89	173.73	173.70		173.87

Station: 906-3085 Toledo, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940					173.91	173.99	174.03	174.02	173.92	173.87	173.60	173.68	173.88
1941	173.81	173.65	173.62	173.77	173.78	173.86	173.82	173.74	173.64	173.51	173.36	173.42	173.66
1942	173.41	173.54	173.55	173.92	173.99	174.13	174.10	174.07	173.95	173.90	173.80	173.75	173.84
1943	173.94	173.79	173.92	174.11	174.40	174.56	174.58	174.48	174.35	174.25	174.09	173.95	174.20
1944	173.89	173.87	173.92	174.22	174.36	174.36	174.31	174.22	174.10	174.01	173.89	173.80	174.08
1945	173.79	173.75	173.96	174.13	174.28	174.47	174.46	174.40	174.32	174.26	174.15	174.03	174.17
1946	174.06	173.92	174.15	174.16	174.24	174.38	174.42	174.27	174.15	174.01	173.85	173.71	174.11
1947	173.76	173.72	173.69	174.20	174.46	174.66	174.57	174.53	174.42	174.31	174.07	174.01	174.20
1948	174.05	173.99	174.16	174.40	174.50	174.52	174.48	174.38	174.27	174.04	173.90	173.84	174.21
1949	173.90	173.92	174.04	174.11	174.16	174.16	174.15	174.06	173.85	173.81	173.55	173.58	173.94
1950	173.85	174.09	174.04	174.30	174.40	174.30	174.29	174.15	174.13	174.03	173.86	174.05	174.12
1951	174.06	174.10	174.29	174.45	174.58	174.56	174.50	174.42	174.25	174.18	174.08	174.09	174.30
1952	174.31	174.54	174.61	174.75	174.77	174.74	174.66	174.62	174.49	174.26	174.09	174.11	174.50
1953	174.20	174.14	174.30	174.34	174.50	174.56	174.54	174.50	174.33	174.23	174.06	173.87	174.30
1954	174.00	173.97	174.08	174.41	174.48	174.46	174.43	174.35	174.22	174.26	174.24	174.27	174.26
1955	174.29	174.29	174.37	174.58	174.58	174.54	174.50	174.41	174.31	174.10	173.88	173.92	174.31
1956	173.90	173.74	173.93	174.06	174.34	174.38	174.38	174.34	174.27	174.14	173.84	173.82	174.10
1957	173.79	173.84	173.90	174.12	174.26	174.22	174.30	174.19	174.06	173.95	173.67	173.78	174.01
1958	173.81	173.65	173.77	173.85	173.87	173.88	173.96	173.92	173.85	173.71	173.51	173.49	173.77
1959	173.50	173.70	173.78	173.96	174.11	174.10	173.99	173.92	173.84	173.76	173.60	173.78	173.84
1960	173.80	173.86	173.90	174.08	174.21	174.31	174.33	174.33	174.24	174.06	173.80	173.77	174.06
1961	173.77	173.79	174.04	174.18	174.40	174.36	174.31	174.28	174.18	173.97	173.86	173.75	174.07
1962	173.72	173.80	173.90	173.98	174.05	174.09	174.04	174.00	173.90	173.80	173.83	173.64	173.90
1963	173.63	173.60	173.67	173.85	173.94	173.92	173.85	173.78	173.77	173.62	173.42	173.34	173.70
1964	173.39	173.43	173.54	173.79	173.82	173.81	173.77	173.69	173.62	173.44	173.29	173.36	173.58
1965	173.42	173.46	173.67	173.84	173.89	173.94	173.85	173.76	173.76	173.58	173.50	173.59	173.69
1966	173.68	173.77	173.81	174.02	174.09	174.10	174.07	173.98	173.90	173.64	173.67	173.80	173.88
1967	173.79	173.82	173.94	174.04	174.25	174.23	174.22	174.18	174.09	173.96	173.86	174.02	174.03
1968	174.09	174.13	174.18	174.24	174.33	174.35	174.36	174.31	174.22	173.94	173.97	173.86	174.16
1969	173.96	174.21	174.19	174.40	174.56	174.62	174.72	174.61	174.48	174.27	174.14	174.21	174.36
1970	174.08	174.06	174.14	174.32	174.38	174.43	174.40	174.37	174.28	174.23	174.12	174.14	174.24
1971	174.04	174.10	174.25	174.37	174.42	174.50	174.43	174.38	174.37	174.28	174.07	174.11	174.28
1972	174.10	174.17	174.32	174.54	174.66	174.60	174.66	174.60	174.58	174.48	174.56	174.57	174.49
1973	174.58	174.70	174.80	174.94	174.90	174.99	174.91	174.84	174.70	174.56	174.37	174.43	174.73
1974	174.50	174.62	174.83	174.84	174.94	174.91	174.86	174.77	174.60	174.44	174.36	174.48	174.68
1975	174.41	174.49	174.70	174.70	174.74	174.75	174.70	174.67	174.67	174.58	174.36	174.41	174.60
1976	174.36	174.42	174.73	174.83	174.80	174.79	174.76	174.73	174.54	174.38	174.11	174.04	174.54
1977	174.01	173.99	174.18	174.39	174.54	174.43	174.42	174.38	174.37	174.31	174.17	174.16	174.28
1978	174.23	174.29	174.37	174.65	174.68	174.60	174.53	174.42	174.33	174.18	174.12	173.94	174.36
1979	174.01	174.06	174.18	174.41	174.60	174.59	174.59	174.54	174.54	174.36	174.25	174.29	174.37

Station: 906-3085 Toledo, Ohio on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.36	174.37	174.44	174.67	174.67	174.68	174.66	174.69	174.60	174.36	174.24	174.20	174.50
1981	174.09	174.11	174.25	174.35	174.53	174.56	174.61	174.54	174.49	174.41	174.35	174.26	174.38
1982	174.16	174.30	174.46	174.60	174.66	174.64	174.58	174.45	174.33	174.22	174.17	174.27	174.40
1983	174.34	174.39	174.44	174.56	174.69	174.73	174.70	174.70	174.51	174.43	174.33	174.37	174.52
1984	174.38	174.43	174.57	174.66	174.61	174.71	174.66	174.61	174.52	174.49	174.32	174.27	174.52
1985	174.32	174.48	174.82	174.95	174.94	174.90	174.84	174.74	174.66	174.56	174.75	174.58	174.71
1986	174.62	174.82	174.87	174.97	174.99	175.05	175.02	174.93	174.82	174.92	174.81	174.83	174.89
1987	174.81	174.80	174.79	174.87	174.83	174.75	174.76	174.69	174.59	174.37	174.31	174.28	174.66
1988	174.24	174.27	174.36	174.45	174.49	174.43	174.33	174.24	174.14	173.92	173.92	173.89	174.22
1989	173.98	174.01	174.15	174.25	174.32	174.54	174.55	174.39	174.32	174.13	173.91	173.93	174.20
1990	173.89	174.16	174.33	174.33	174.40	174.39	174.45	174.42	174.35	174.23	174.14	174.17	174.27
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2015													
2016													
2017													
2018													
2019													

Station: 906-3085 Toledo, Ohio on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1877 thru 1990													
	173.92	173.95	174.03	174.19	174.29	174.31	174.29	174.24	174.14	174.01	173.88	173.89	174.09
Monthly and Annual Averages for Period 1900 thru 1990													
	173.92	173.95	174.03	174.19	174.29	174.31	174.29	174.24	174.14	174.01	173.88	173.89	174.09
Monthly and Annual Averages for Period 1981 thru 1990													
	174.28	174.38	174.50	174.60	174.65	174.67	174.65	174.57	174.47	174.37	174.30	174.28	174.48
Highest Monthly and Annual Average for Period 1877 thru 1990													
Level	174.81	174.82	174.87	174.97	174.99	175.05	175.02	174.93	174.82	174.92	174.81	174.83	174.89
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1877 thru 1990													
Level	173.14	173.17	173.33	173.36	173.44	173.46	173.46	173.46	173.36	173.26	173.10	173.08	173.33
Year	1935	1935	1935	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1877 thru 1990 175.05 Jun 1986													
Lowest Monthly Average for Period 1877 thru 1990 173.08 Dec 1934													

Station: 906-3087 Monroe, Michigan on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
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1965													
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													
1976	174.35	174.42	174.74	174.80	174.80	174.78	174.75	174.72	174.67	174.56	174.37	174.40	174.50
1977	174.00	173.98	174.17	174.38	174.53	174.41	174.42	174.39	174.53	174.37	174.13	173.97	174.53
1978		174.26	174.34	174.63	174.67	174.60	174.53	174.43	174.36	174.29	174.16	173.98	174.26
1979	174.00	174.05	174.18	174.45	174.58	174.59	174.58	174.54	174.33	174.29	174.12	173.97	174.38
									174.53	174.37	174.25	174.29	174.37

Station: 906-3087 Monroe, Michigan on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.38	174.37	174.40	174.66	174.67	174.68	174.67	174.70	174.60	174.36	174.24	174.19	174.49
1981	174.07	174.10	174.26	174.36	174.51	174.56	174.61	174.55	174.48	174.40	174.34	174.25	174.38
1982	174.16	174.28	174.43	174.60	174.66	174.64	174.59	174.46	174.30	174.22	174.16	174.26	174.40
1983	174.32	174.36	174.40	174.52	174.69	174.73	174.70	174.70	174.52	174.42	174.32	174.42	174.51
1984	174.36	174.41	174.56	174.66	174.61	174.72	174.67	174.56	174.52	174.48	174.32	174.28	174.51
1985	174.40	174.47	174.81	174.95	174.94	174.90	174.85	174.75	174.66	174.55	174.72	174.62	174.72
1986	174.59	174.78	174.87	174.96	174.98	175.05	175.03	174.93	174.82	174.90	174.82	174.83	174.88
1987	174.83		174.75	174.84	174.82	174.76	174.78	174.69	174.59	174.38	174.31	174.29	174.64
1988	174.26	174.27	174.36	174.43	174.47	174.42	174.34	174.25	174.14	173.93	173.93		174.25
1989							Station Closed						
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3087 Monroe, Michigan on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1975 thru 1988													
	174.31	174.31	174.48	174.63	174.69	174.68	174.66	174.59	174.50	174.39	174.30	174.29	174.49
Monthly and Annual Averages for Period 1979 thru 1988													
	174.34	174.34	174.50	174.64	174.69	174.70	174.68	174.61	174.52	174.40	174.34	174.38	174.51
Highest Monthly and Annual Average for Period 1975 thru 1988													
Level	174.83	174.78	174.87	174.96	174.98	175.05	175.03	174.93	174.82	174.90	174.82	174.83	174.88
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1975 thru 1988													
Level	174.00	173.98	174.17	174.36	174.47	174.41	174.34	174.25	174.14	173.93	173.93	173.97	174.25
Year	1977	1977	1977	1981	1988	1977	1988	1988	1988	1988	1988	1978	1988
Highest Monthly Average for Period 1975 thru 1988 175.05 Jun 1986													
Lowest Monthly Average for Period 1975 thru 1988 173.93 Nov 1988													

Station: 906-3090 Fermi Power Plant, Stony Point, Michigan on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963									173.76	173.64	173.47	173.39	173.57
1964	173.40	173.44	173.53	173.76	173.83	173.82	173.76	173.69	173.61	173.43	173.32	173.35	173.58
1965	173.41	173.45	173.65	173.80	173.88	173.91	173.85	173.77	173.76	173.60	173.53	173.60	173.68
1966	173.67	173.76	173.82	174.00	174.07	174.09	174.05	173.99	173.89	173.68	173.68	173.81	173.88
1967	173.82	173.82	173.91	174.08	174.23	174.22	174.22	174.18	174.07	173.98	173.88	174.02	174.04
1968	174.08	174.05	174.17	174.26	174.32	174.35	174.36	174.31	174.21	174.04	173.97	173.92	174.17
1969	174.02	174.22	174.16	174.40	174.56	174.63	174.71	174.63	174.47	174.28	174.17	174.20	174.37
1970	174.07	174.05	174.14	174.30	174.38	174.43	174.40	174.37	174.29	174.24	174.14	174.15	174.25
1971	174.06	174.11	174.26	174.38	174.44	174.50	174.43	174.39	174.36	174.28	174.09	174.13	174.28
1972	174.11	174.17	174.32	174.50	174.64	174.59	174.66	174.60	174.56	174.49	174.55	174.58	174.48
1973	174.61	174.69	174.80	174.93	174.91	175.00	174.94	174.84	174.69	174.56	174.39	174.45	174.74
1974	174.52	174.71											174.62
1975	174.44	174.50	174.68	174.68	174.72	174.76	174.69	174.66	174.66	174.56	174.39	174.40	174.60
1976	174.37	174.42	174.74	174.81	174.80	174.79	174.76	174.72	174.54	174.39	174.15	174.07	174.55
1977	174.01	173.99	174.20	174.40	174.53	174.42	174.42	174.38	174.37	174.30	174.18	174.19	174.28
1978	174.28	174.29	174.34	174.63	174.67	174.60	174.53	174.42	174.33	174.19	174.13	173.98	174.36
1979	174.01	174.05	174.19	174.47	174.58	174.60	174.58	174.54	174.53	174.38	174.27	174.31	174.38

Station: 906-3090 Fermi Power Plant, Stony Point, Michigan on Lake Erie

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.38	174.36	174.42	174.66	174.67	174.68	174.66	174.69	174.61	174.37	174.25	174.21	174.50
1981	174.09	174.10	174.25	174.36	174.50	174.56	174.60	174.54	174.48	174.40	174.34	174.26	174.37
1982	174.17	174.29	174.43	174.61	174.65	174.63	174.58	174.46	174.33	174.23	174.19	174.28	174.40
1983	174.34	174.38	174.41	174.54	174.69	174.72	174.70	174.69	174.51	174.42	174.33	174.37	174.51
1984	174.37	174.41	174.56	174.66	174.61	174.71	174.67	174.61	174.52	174.48	174.33	174.29	174.52
1985	174.32	174.46	174.80	174.95	174.94	174.90	174.84	174.74	174.66	174.55	174.72	174.61	174.71
1986	174.62	174.80	174.87	174.96	174.98	175.04	175.03	174.94	174.84	174.95	174.83	174.84	174.89
1987	174.81	174.78	174.76	174.84	174.83	174.76	174.77	174.68	174.59	174.39	174.32	174.30	174.65
1988	174.26	174.28	174.36	174.45	174.48	174.42	174.33	174.24	174.14	173.95	173.96		174.26
1989	173.99	174.01	174.12	174.24	174.31	174.53	174.53	174.38	174.30	174.13	173.94	173.93	174.20
1990	173.92	174.15	174.32	174.33	174.40	174.41	174.43	174.40	174.35	174.25	174.15	174.18	174.27
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 906-3090 Fermi Power Plant, Stony Point, Michigan on Lake Erie

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1963 thru 1990													
	174.15	174.21	174.32	174.46	174.52	174.54	174.52	174.46	174.35	174.23	174.14	174.15	174.32
Monthly and Annual Averages for Period 1981 thru 1990													
	174.29	174.36	174.49	174.59	174.64	174.67	174.65	174.57	174.47	174.38	174.31	174.34	174.48
Highest Monthly and Annual Average for Period 1963 thru 1990													
Level	174.81	174.80	174.87	174.96	174.98	175.04	175.03	174.94	174.84	174.95	174.83	174.84	174.89
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1963 thru 1990													
Level	173.40	173.44	173.53	173.76	173.83	173.82	173.76	173.69	173.61	173.43	173.32	173.35	173.57
Year	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1963

Highest Monthly Average for Period 1963 thru 1990 175.04 Jun 1986

Lowest Monthly Average for Period 1963 thru 1990 173.32 Nov 1964

Station: 904-4020 Gibraltar, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899										173.98			173.98
						174.24							174.24

Station: 904-4020 Gibraltar, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909					174.28	174.43	174.37						174.36
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930					174.60	174.54	174.49	174.37	174.23	174.10			174.39
1931													
1932						174.00	173.94	173.90	173.81	173.64			173.86
1933						174.05	174.02	173.93	173.79	173.64			173.88
1934													
1935													
1936													
1937					174.08	174.16	174.21	174.17	173.99	173.81			174.07
1938						174.13	174.15	174.13	174.06	173.96	173.80	173.72	173.99
1939	173.76	173.70	173.81	174.00	174.14	174.17	174.16	174.12	174.03	173.88	173.81	173.70	173.94

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 904-4020 Gibraltar, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940					174.00	174.08	174.14	174.13	174.03	173.98	173.76	173.81	173.99
1941	173.90	173.74	173.70	173.83	173.88	173.96	173.94	173.89	173.80	173.69	173.57	173.58	173.79
1942	173.57	173.58	173.66	173.98	174.09	174.21	174.21	174.20	174.07	174.05	173.95	173.90	173.96
1943	174.04	173.90	174.02	174.16	174.46	174.64	174.67	174.59	174.47	174.38	174.22	174.09	174.30
1944	173.97	173.94	173.99	174.26	174.43	174.46	174.42	174.34	174.24	174.14	174.02	173.93	174.18
1945	173.94	173.85	174.04	174.24	174.37	174.54	174.56	174.50	174.43	174.40	174.29	174.23	174.28
1946	174.19	174.04	174.20	174.24	174.31	174.48	174.51	174.39	174.27	174.15	174.01	173.87	174.22
1947	173.86	173.85	173.82	174.28	174.53	174.72	174.63	174.60	174.53	174.40	174.21	174.13	174.30
1948	174.16	174.09	174.21	174.45	174.55	174.58	174.56	174.45	174.35	174.15	174.05	173.96	174.30
1949	173.98	174.06	174.10	174.17	174.22	174.25	174.23	174.15	173.98	173.93	173.73	173.73	174.04
1950	173.92	174.10	174.12	174.36	174.43	174.36	174.33	174.23	174.21	174.12	173.98	174.15	174.19
1951	174.14	174.17	174.36	174.52	174.61	174.63	174.59	174.51	174.39	174.31	174.22	174.26	174.39
1952	174.41	174.59	174.67	174.79	174.82	174.84	174.78	174.72	174.61	174.39	174.23	174.24	174.59
1953	174.30	174.26	174.37	174.43	174.57	174.65	174.63	174.59	174.44	174.35	174.20	173.88	174.39
1954	174.07	174.05	174.15	174.47	174.55	174.54	174.52	174.45	174.36	174.40	174.38	174.35	174.36
1955	174.41	174.38	174.46	174.63	174.64	174.62	174.57	174.50	174.40	174.26	174.07	174.05	174.42
1956	173.95	173.80	174.00	174.14	174.41	174.48	174.48	174.45	174.38	174.25	173.99	173.97	174.19
1957	173.90	173.91	173.98	174.18	174.31	174.32	174.40	174.30	174.15	174.06	173.85	173.92	174.10
1958	173.90	173.74	173.81	173.88	173.94	173.98	174.06	174.04	173.98	173.84	173.69	173.67	173.88
1959	173.59	173.72	173.84	174.03	174.18	174.16	174.09	174.03	173.94	173.89	173.75	173.84	173.92
1960	173.90	173.92	173.97	174.16	174.29	174.39	174.40	174.42	174.33	174.17	173.97	173.90	174.15
1961	173.89	173.89	174.10	174.23	174.46	174.44	174.39	174.36	174.28	174.08	173.96	173.85	174.16
1962	173.85	173.85	173.96	174.04	174.10	174.15	174.12	174.08	173.98	173.91	173.90	173.77	173.98
1963	173.75	173.70	173.76	173.93	174.00	173.98	173.92	173.87	173.83	173.71	173.56	173.50	173.79
1964	173.51	173.51	173.61	173.83	173.89	173.89	173.85	173.79	173.71	173.54	173.44	173.46	173.67
1965	173.51	173.54	173.73	173.87	173.96	174.00	173.94	173.87	173.86	173.71	173.62	173.70	173.78
1966	173.76	173.84	173.89	174.06	174.15	174.18	174.15	174.08	173.98	173.78	173.78	173.90	173.96
1967	173.92	173.93	173.99	174.16	174.30	174.31	174.31	174.26	174.16	174.08	173.99	174.11	174.13
1968	174.17	174.22	174.23	174.33	174.39	174.42	174.44	174.38	174.31	174.15	174.07	174.04	174.26
1969	174.15	174.28	174.23	174.46	174.62	174.70	174.78	174.70	174.56	174.37	174.26	174.27	174.45
1970	174.14	174.13	174.20	174.37	174.45	174.50	174.48	174.45	174.37	174.32	174.23	174.23	174.32
1971	174.17	174.20	174.33	174.43	174.50	174.57	174.52	174.48	174.45	174.36	174.18	174.21	174.37
1972	174.22	174.26	174.38	174.56	174.69	174.66	174.74	174.68	174.65	174.57	174.62	174.65	174.56
1973	174.67	174.76	174.85	174.98	174.97	175.06	175.01	174.91	174.77	174.64	174.47	174.52	174.80
1974	174.60	174.71	174.87	174.96	174.99	174.97	174.93	174.84	174.69	174.53	174.46	174.53	174.76
1975	174.52	174.57	174.73	174.74	174.78	174.83	174.78	174.74	174.74	174.63	174.47	174.47	174.67
1976	174.45	174.49	174.81	174.86	174.86	174.86	174.82	174.79	174.62	174.46	174.23	174.17	174.62
1977	174.14	174.12	174.25	174.46	174.59	174.50	174.50	174.47	174.45	174.38	174.26	174.31	174.37
1978	174.36	174.41	174.42	174.68	174.72	174.67	174.61	174.50	174.42	174.29	174.22	174.08	174.45
1979	174.14	174.16	174.26	174.52	174.64	174.66	174.66	174.62	174.61	174.48	174.37	174.40	174.46

Station: 904-4020 Gibraltar, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.47	174.45	174.48	174.72	174.73	174.75	174.74	174.77	174.69	174.45	174.34	174.28	174.57
1981	174.16	174.21	174.33	174.43	174.56	174.63	174.69	174.63	174.56	174.50	174.42	174.34	174.46
1982	174.31	174.39	174.50	174.66	174.71	174.70	174.66	174.54	174.42	174.33	174.28	174.37	174.49
1983	174.42	174.44	174.47	174.60	174.76	174.79	174.78	174.78	174.61	174.51	174.42	174.50	174.59
1984	174.48	174.48	174.62	174.70	174.67	174.78	174.75	174.70	174.62	174.57	174.43	174.38	174.60
1985	174.44	174.58	174.87	175.02	175.00	174.97	174.92	174.84	174.77	174.65	174.80	174.74	174.80
1986	174.73	174.87	174.94	175.02	175.04	175.11	175.11	175.02	174.92	175.01	174.89	174.92	174.96
1987	174.89	174.84	174.81	174.89	174.89	174.84	174.86	174.79	174.69	174.49	174.41	174.40	174.73
1988	174.39	174.39	174.42	174.51	174.55	174.49	174.44	174.38	174.28	174.09	174.09	174.03	174.34
1989	174.10	174.11	174.18	174.32	174.37	174.60	174.62	174.51	174.43	174.24	174.06	174.06	174.30
1990	174.04	174.22	174.38	174.40	174.46	174.49	174.52	174.52	174.47	174.36	174.25	174.27	174.36
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2015													
2016													
2017													
2018													
2019													

Station: 904-4020 Gibraltar, Michigan on the Detroit River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1898 thru 1990													
	174.12	174.14	174.23	174.39	174.46	174.48	174.47	174.41	174.32	174.20	174.12	174.10	174.27
Monthly and Annual Averages for Period 1900 thru 1990													
	174.12	174.14	174.23	174.39	174.46	174.48	174.47	174.41	174.32	174.20	174.12	174.10	174.28
Monthly and Annual Averages for Period 1981 thru 1990													
	174.40	174.45	174.55	174.66	174.70	174.74	174.74	174.67	174.58	174.47	174.40	174.40	174.56
Highest Monthly and Annual Average for Period 1898 thru 1990													
Level	174.89	174.87	174.94	175.02	175.04	175.11	175.11	175.02	174.92	175.01	174.89	174.92	174.96
Year	1987	1986	1986	1985	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1898 thru 1990													
Level	173.51	173.51	173.61	173.83	173.88	173.89	173.85	173.79	173.71	173.54	173.44	173.46	173.67
Year	1965	1964	1964	1964	1941	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1898 thru 1990 175.11 Jun 1986													
Lowest Monthly Average for Period 1898 thru 1990 173.44 Nov 1964													

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 904-4030 Wyandotte, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930					174.86	174.85	174.84	174.75	174.63	174.53			174.74
1931													
1932													
1933					174.43	174.43	174.42	174.35	174.22	174.11			174.33
1934					174.07	174.10	174.14	174.04	173.97	173.89			174.04
1935					174.08	174.12	174.19	174.20	174.10	174.03			174.12
1936					174.20	174.22	174.17	174.11	174.12		173.97		174.13
1937					174.41	174.45	174.50	174.47	174.32	174.17	174.03		174.34
1938					174.43	174.49	174.53	174.54	174.48	174.40	174.28		174.45
1939					174.49	174.54	174.60	174.56	174.49	174.38	174.31		174.48

Station: 904-4030 Wyandotte, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941						174.36	174.33	174.31	174.25				174.31
1942													
1943													
1944					174.78	174.81	174.79	174.73	174.64	174.58			174.72
1945													
1946					174.71	174.85	174.89	174.77	174.67	174.56			174.74
1947					174.85	175.02	174.98	174.96	174.90	174.78	174.62		174.87
1948					174.93	174.94	174.92	174.82	174.72	174.54			174.81
1949					174.58	174.59	174.61	174.54	174.39	174.33			174.51
1950					174.71	174.68	174.68	174.60	174.60	174.53			174.63
1951						174.99	174.98	174.92	174.83	174.78			174.90
1952												174.69	174.69
1953	174.74	174.68	174.76	174.82	174.94	175.05	175.05	175.00	174.90	174.80	174.76	174.56	174.84
1954	174.41	174.37	174.62	174.84	174.90	174.91	174.92	174.86	174.78	174.86	174.84	174.78	174.76
1955	174.82	174.75	174.84	174.95	174.97	174.96	174.94	174.87	174.76	174.66	174.55	174.38	174.79
1956					174.77	174.82	174.82	174.80	174.73	174.62	174.40		174.71
1957					174.65	174.68	174.76	174.67	174.57	174.46	174.30	174.34	174.55
1958	174.17		174.24	174.24	174.33	174.37	174.45	174.42	174.36	174.25	174.16	174.17	174.29
1959		174.02		174.39	174.49	174.51	174.44	174.39	174.32	174.28	174.22	174.26	174.33
1960	174.22	174.19	174.38	174.58	174.66	174.77	174.80	174.81	174.74	174.61	174.44	174.41	174.55
1961													
1962				174.44	174.46	174.50	174.49	174.46	174.37	174.30	174.28	174.14	174.38
1963	174.05	173.88	173.98	174.29	174.35	174.34	174.29	174.25	174.21	174.10	173.97	173.98	174.14
1964	173.83	173.81	173.96	174.13	174.21	174.20	174.17	174.13	174.06	173.92	173.83	173.84	174.01
1965	173.81	173.86	174.03	174.14	174.29	174.32	174.28	174.25	174.24	174.14	174.07	174.16	174.13
1966	174.19	174.20	174.27	174.42	174.50	174.52	174.50	174.43	174.36	174.17	174.18	174.31	174.34
1967	174.32	174.25	174.28	174.51	174.60	174.64	174.66	174.62	174.53	174.45	174.39	174.48	174.48
1968	174.52	174.62	174.56	174.65	174.71	174.76	174.79	174.76	174.69	174.56	174.50	174.49	174.64
1969	174.63	174.64	174.61	174.82	174.95	175.02	175.12	175.06	174.94	174.78	174.69	174.68	174.83
1970	174.46	174.52	174.60	174.74	174.81	174.87	174.87	174.85	174.78	174.73	174.66	174.67	174.71
1971	174.68	174.63	174.74	174.83	174.88	174.95	174.92	174.90	174.87	174.78	174.64	174.66	174.79
1972	174.71	174.75	174.78	174.91	175.04	175.03	175.10	175.08	175.06	175.00	175.01	175.04	174.96
1973	175.08	175.10	175.22	175.30	175.30	175.39	175.36	175.29	175.16	175.05	174.92	174.94	175.18
1974	175.08	175.09	175.22	175.26	175.33	175.32	175.30	175.23	175.10	174.95	174.88	174.92	175.14
1975	174.93	174.95	175.06	175.10	175.14	175.19	175.16	175.13	175.13	175.02	174.88	174.88	175.05
1976	174.92	174.85	175.15	175.20	175.22	175.21	175.20	175.16	175.01	174.87	174.66	174.61	175.01
1977	174.57	174.62	174.66			174.84	174.84	174.82	174.81	174.76	174.66	174.77	174.74
1978	174.83	174.88	174.83	174.98	175.02	174.99	174.94	174.87	174.81	174.71	174.64	174.53	174.84
1979	174.70	174.63	174.69	174.92	175.01	175.03	175.05	175.03	175.01	174.88	174.80	174.82	174.88

Station: 904-4030 Wyandotte, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	174.87	174.88	174.86	175.07	175.07	175.10	175.10	175.13	175.06	174.87	174.75	174.72	174.96
1981	174.51	174.68	174.74	174.82	174.94	174.99	175.05	175.00	174.96	174.91	174.82	174.75	174.85
1982	174.74	174.80	174.90	174.99	175.00	175.02	175.00	174.91	174.81	174.72	174.70	174.78	174.86
1983	174.80	174.80	174.85	174.97	175.11	175.16	175.16	175.16	175.01	174.92	174.85	174.94	174.98
1984	174.92	174.91	175.03	174.85	175.03	175.14	175.14	175.11	175.04	174.99	174.88	174.83	174.99
1985	174.93	175.06	175.24	175.36	175.35	175.33	175.30	175.24	175.19	175.08	175.22	175.24	175.21
1986	175.24	175.36	175.31	175.37	175.39	175.46	175.46	175.41	175.34	175.43	175.30	175.30	175.36
1987	175.28	175.17	175.14	175.26	175.23	175.21	175.22	175.15	175.07	174.89	174.81	174.82	175.10
1988	174.86	174.82	174.79	174.88	174.90	174.86	174.81	174.76	174.66	174.51	174.51	174.48	174.74
1989	174.53	174.58	174.54	174.68	174.73	174.94	174.96	174.84	174.78	174.61	174.47	174.50	174.68
1990	174.45	174.58	174.70	174.72	174.78	174.82	174.86	174.85	174.81	174.72	174.64	174.65	174.72
1991													
1992													
1993													
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2019													

Station: 904-4030 Wyandotte, Michigan on the Detroit River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1930 thru 1990													
	174.63	174.63	174.71	174.81	174.77	174.81	174.81	174.76	174.69	174.61	174.56	174.61	174.67
Monthly and Annual Averages for Period 1981 thru 1990													
	174.83	174.88	174.92	174.99	175.05	175.09	175.10	175.04	174.97	174.88	174.82	174.83	174.95
Highest Monthly and Annual Average for Period 1930 thru 1990													
Level	175.28	175.36	175.31	175.37	175.39	175.46	175.46	175.41	175.34	175.43	175.30	175.30	175.36
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1930 thru 1990													
Level	173.81	173.81	173.96	174.13	174.07	174.10	174.14	174.04	173.97	173.89	173.83	173.84	174.01
Year	1965	1964	1964	1964	1934	1934	1934	1934	1934	1934	1964	1964	1964
Highest Monthly Average for Period 1930 thru 1990 175.46 Jul 1986													
Lowest Monthly Average for Period 1930 thru 1990 173.81 Jan 1965													

Station: 904-4035 Fort Wayne, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901							174.64	174.66	174.61	174.50	174.39		174.56
1902							174.82	174.79	174.71	174.63			174.74
1903													
1904													
1905										174.67	174.58	174.56	174.60
1906	174.59	174.44	174.38	174.61	174.70	174.77	174.82	174.81	174.75	174.67	174.63	174.63	174.65
1907	174.68	174.63	174.56	174.71	174.77	174.90	174.93	174.89	174.81	174.77	174.67	174.63	174.75
1908	174.60	174.43	174.70	174.84	174.95	175.00	175.00	174.98	174.85	174.75	174.56	174.48	174.76
1909	174.47	174.30	174.31	174.62	174.86	174.93	174.91	174.88	174.78	174.60	174.55	174.69	174.66
1910	174.50	174.35	174.57	174.64	174.74	174.78	174.76	174.70	174.66	174.60	174.48	174.40	174.60
1911	174.13	174.10	174.27	174.51	174.55	174.61	174.57	174.56	174.52	174.50	174.37	174.44	174.42
1912	174.51	174.47	174.60	174.67	174.71	174.75	174.71	174.70	174.71	174.61	174.54	174.45	174.62
1913	174.63	174.52	174.58	175.00	175.01	174.99	174.96	174.90	174.77	174.67	174.60	174.54	174.76
1914	174.37	174.39	174.32	174.53	174.74	174.78	174.77	174.72	174.66	174.58	174.40	174.60	174.57
1915	174.21	174.38	174.21	174.36	174.44	174.51	174.57	174.63	174.61	174.52	174.37	174.36	174.43
1916	174.52	174.49	174.36	174.60	174.74	174.89	174.90	174.82	174.69	174.59	174.55	174.66	174.65
1917	174.68	174.51	174.53	174.72	174.79	174.96	175.09	175.03	174.95	174.80	174.80	174.81	174.81
1918	174.34	174.49	174.47	174.32	174.67	174.80	174.83	174.83	174.76	174.71	174.62	174.66	174.62
1919	174.82	174.57	174.67	174.83	174.99	175.03	174.96	174.87	174.76	174.70	174.57	174.48	174.77
1920	174.07	174.15	174.26	174.47	174.63	174.70	174.75	174.77	174.70	174.60	174.52	174.50	174.51
1921	174.54	174.24	174.49	174.71	174.78	174.80	174.77	174.68	174.60	174.48	174.45	174.43	174.58
1922	174.34	174.17	174.32	174.61	174.70	174.76	174.76	174.71	174.66	174.52	174.36	174.31	174.52
1923	174.28	174.14	174.21	174.35	174.48	174.53	174.58	174.49	174.45	174.35	174.26	174.28	174.37
1924	174.35	174.16	174.17	174.39	174.50	174.57	174.62	174.58	174.52	174.44	174.23	174.16	174.39
1925	174.06	173.99	174.15	174.26	174.25	174.26	174.27	174.26	174.22	174.07	174.03	173.96	174.15
1926	173.75	173.72	173.85	174.04	174.18	174.26	174.30	174.34	174.34	174.35	174.29	174.34	174.15
1927	174.08	173.94	174.11	174.38	174.44	174.55	174.59	174.55	174.44	174.36	174.26	174.36	174.34
1928	174.35	174.25	174.13	174.43	174.54	174.65	174.76	174.76	174.63	174.58	174.54	174.56	174.52
1929	174.71	174.82	174.74	174.98	175.14	175.16	175.18	175.11	175.00	174.87	174.75	174.76	174.94
1930	174.82	174.76	174.90	174.99	174.99	174.97	174.96	174.87	174.75	174.62	174.47	174.41	174.79
1931	174.33		173.92	174.25	174.35	174.42	174.44	174.40	174.31	174.23	174.13	174.12	174.26
1932	174.24	174.31	174.13	174.30	174.41	174.42	174.39	174.34	174.30	174.20	174.19	174.32	174.30
1933	174.19	174.03	174.16	174.41	174.53	174.53	174.52	174.45	174.33	174.21	174.10	174.12	174.30
1934	173.82	173.85	173.83	174.10	174.17	174.20	174.25	174.15	174.08	174.00	173.92	173.94	174.03
1935	173.98	173.76	173.95	174.10	174.19	174.24	174.31	174.30	174.21	174.12	174.08	174.05	174.11
1936	173.71	173.86	174.09	174.21	174.29	174.31	174.27	174.20	174.20	174.14	174.04	174.03	174.11
1937	174.16	174.13	174.20	174.36	174.49	174.54	174.59	174.56	174.43	174.26	174.12	174.29	174.35
1938	174.03	174.20	174.16	174.49	174.54	174.60	174.63	174.62	174.55	174.48	174.34	174.29	174.41
1939	174.34	173.98	174.15	174.51	174.60	174.65	174.67	174.63	174.58	174.46	174.38	174.30	174.44

Station: 904-4035 Fort Wayne, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	174.15	174.06	174.07	174.39	174.46	174.55	174.61	174.60	174.54	174.50	174.33	174.37	174.39
1941	174.30	174.11	174.15	174.32	174.40	174.47	174.44	174.39	174.33	174.28	174.20	174.21	174.30
1942	174.15	173.89	174.15	174.54	174.60	174.74	174.74	174.72	174.64	174.59	174.52	174.48	174.48
1943	174.45	174.34	174.54	174.70	174.96	175.09	175.14	175.10	175.01	174.91	174.79	174.72	174.81
1944	174.33	174.41	174.46	174.79	174.90	174.93	174.92	174.86	174.79	174.72	174.61	174.56	174.69
1945	174.52	174.39	174.62	174.73	174.89	175.00	175.05	174.99	174.93	174.93	174.80	174.89	174.81
1946	174.68	174.39	174.73	174.79	174.84	174.99	175.01	174.91	174.80	174.69	174.57	174.46	174.74
1947	174.36	174.37	174.43	174.83	174.99	175.15	175.13	175.09	175.04	174.93	174.77	174.71	174.82
1948	174.66	174.65	174.74	174.93	175.06	175.05	175.03	174.95	174.85	174.67	174.56	174.51	174.80
1949	174.56	174.59	174.47	174.66	174.69	174.71	174.72	174.65	174.50	174.45	174.27	174.27	174.54
1950	174.43	174.46	174.48	174.78	174.81	174.78	174.80	174.73	174.72	174.66	174.55	174.68	174.66
1951	174.60	174.65	174.83	174.97	175.06	175.10	175.11	175.06	174.98	174.93	174.87	175.02	174.93
1952	175.12	175.08	175.17	175.30	175.31	175.35	175.32	175.30	175.21	175.04	174.88	174.86	175.16
1953	174.90	174.84	174.93	174.99	175.10	175.19	175.20	175.16	175.05	174.96	174.81	174.70	174.98
1954	174.53	174.47	174.78	174.98	175.04	175.07	175.08	175.02	174.95	175.03	174.98	174.93	174.90
1955	174.97	174.87	175.01	175.09	175.12	175.13	175.08	175.02	174.92	174.79	174.63	174.61	174.94
1956	174.19	174.07	174.46	174.67	174.93	174.94	174.96	174.94	174.87	174.74	174.54	174.51	174.65
1957	174.31	174.31	174.49	174.65	174.75	174.75	174.86	174.77	174.68	174.58	174.44	174.47	174.59
1958	174.24	174.08	174.34	174.30	174.44	174.48	174.55	174.51	174.47	174.34	174.21	174.27	174.35
1959	173.97	174.07	174.28	174.48	174.59	174.60	174.54	174.49	174.43	174.39	174.32	174.39	174.38
1960	174.40	174.29	174.43	174.66	174.77	174.89	174.92	174.94	174.87	174.75	174.58	174.58	174.67
1961	174.48	174.45	174.62	174.72	174.88	174.87	174.85	174.83	174.76	174.61	174.51	174.44	174.67
1962	174.46	174.18	174.49	174.55	174.61	174.66	174.62	174.59	174.51	174.44	174.41	174.34	174.49
1963	174.25	174.15	174.26	174.40	174.46	174.46	174.41	174.37	174.33	174.22	174.10	174.11	174.29
1964	173.93	173.90	174.06	174.23	174.31	174.31	174.29	174.25	174.19	174.05	173.96	173.98	174.12
1965	173.94	173.96	174.17	174.33	174.41	174.46	174.42	174.38	174.38	174.30	174.24	174.30	174.27
1966	174.34	174.34	174.43	174.56	174.63	174.66	174.64	174.58	174.50	174.32	174.31	174.44	174.48
1967	174.45	174.37	174.46	174.65	174.74	174.79	174.81	174.76	174.68	174.60	174.56	174.64	174.63
1968	174.66	174.74	174.69	174.76	174.82	174.88	174.92	174.88	174.83	174.70	174.64	174.64	174.76
1969	174.76	174.76	174.74	174.94	175.08	175.14	175.25	175.19	175.06	174.92	174.83	174.81	174.96
1970	174.56	174.62	174.72	174.86	174.93								174.74
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													

Station Relocated

Station: 904-4035 Fort Wayne, Detroit, Michigan on the Detroit River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1901 thru 1970													
	174.38	174.32	174.41	174.60	174.70	174.75	174.76	174.72	174.65	174.56	174.45	174.46	174.57
Monthly and Annual Averages for Period 1961 thru 1970													
	174.38	174.35	174.47	174.60	174.69	174.69	174.69	174.65	174.58	174.46	174.40	174.41	174.54
Highest Monthly and Annual Average for Period 1901 thru 1970													
Level	175.12	175.08	175.17	175.30	175.31	175.35	175.32	175.30	175.21	175.04	174.98	175.02	175.16
Year	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1954	1951	1952
Lowest Monthly and Annual Average for Period 1901 thru 1970													
Level	173.71	173.72	173.83	174.04	174.17	174.20	174.25	174.15	174.08	174.00	173.92	173.94	174.03
Year	1936	1926	1934	1926	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1901 thru 1970 175.35 Jun 1952													
Lowest Monthly Average for Period 1901 thru 1970 173.71 Jan 1936													

Station: 904-4036 Fort Wayne, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970	174.58	174.63	174.73	174.86	174.93	175.00	175.00	174.98	174.93	174.88	174.82	174.81	174.85
1971	174.83	174.78	174.88	174.96	175.02	175.09	175.07	175.05	175.02	174.94	174.79	174.81	174.94
1972	174.86	174.88	174.91	175.03	175.15	175.16	175.22	175.21	175.20	175.14	175.17	175.18	175.09
1973	175.22	175.23	175.35	175.42	175.43	175.52	175.50	175.43	175.32	175.21	175.08	175.10	175.32
1974	175.22	175.23	175.37	175.42	175.46	175.45	175.44	175.37	175.25	175.10	175.03	175.06	175.28
1975	175.07	175.09	175.18	175.22	175.26	175.32	175.29	175.27	175.27	175.15	175.02	175.01	175.18
1976	175.10	175.01	175.28	175.32	175.36	175.34	175.34	175.30	175.16	175.01	174.81	174.76	175.15
1977	174.84	174.86	174.80	174.94	175.01	174.95	174.96	174.93	174.93	174.88	174.78	174.90	174.90
1978	175.08	175.05	174.95	175.09	175.12	175.10	175.06	174.99	174.94	174.85	174.77	174.66	174.97
1979	174.91	174.92	174.83	175.06	175.13	175.16	175.18	175.16	175.15	175.03	174.94	174.97	175.04

Station: 904-4036 Fort Wayne, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	175.02	175.01	174.98	175.18	175.18	175.22	175.22	175.25	175.19	175.03	174.89	174.86	175.09
1981	174.67	174.88	174.87	174.94	175.06	175.11	175.16	175.13	175.10	175.05	174.96	174.88	174.98
1982	174.97	174.94	175.02	175.10	175.11	175.13	175.11	175.03	174.94	174.86	174.84	174.92	175.00
1983	174.94	174.93	174.98	175.12	175.23	175.28	175.27	175.27	175.15	175.06	174.99	175.12	175.11
1984	175.16	175.06	175.18	174.90	175.15	175.27	175.28	175.25	175.19	175.14	175.04	174.99	175.13
1985	175.12	175.23	175.38	175.48	175.48	175.47	175.44	175.39	175.34	175.24	175.37	175.40	175.36
1986	175.48	175.50	175.44	175.49	175.51	175.59	175.60	175.55	175.49	175.59	175.44	175.44	175.51
1987	175.43	175.29	175.26	175.38	175.35	175.34	175.35	175.29	175.20	175.03	174.95	174.96	175.23
1988	175.01	174.97	174.92	175.00	175.02	174.99	174.94	174.88	174.78	174.65	174.65	174.62	174.87
1989	174.67	174.73	174.66	174.80	174.84	175.05	175.07	174.96	174.90	174.74	174.60	174.68	174.81
1990	174.59	174.71	174.81	174.83	174.88	174.93	174.97	174.96	174.93	174.84	174.77	174.78	174.83
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
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2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 904-4036 Fort Wayne, Detroit, Michigan on the Detroit River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1970 thru 1990													
	174.99	175.00	175.04	175.12	175.18	175.21	175.21	175.17	175.11	175.02	174.94	174.95	175.08
Monthly and Annual Averages for Period 1981 thru 1990													
	175.00	175.02	175.05	175.10	175.16	175.21	175.22	175.17	175.10	175.02	174.96	174.98	175.08
Highest Monthly and Annual Average for Period 1970 thru 1990													
Level	175.48	175.50	175.44	175.49	175.51	175.59	175.60	175.55	175.49	175.59	175.44	175.44	175.51
Year	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1970 thru 1990													
Level	174.58	174.63	174.66	174.80	174.84	174.93	174.94	174.88	174.78	174.65	174.60	174.62	174.81
Year	1970	1970	1989	1989	1989	1990	1988	1988	1988	1988	1989	1988	1989
Highest Monthly Average for Period 1970 thru 1990 175.60 Jul 1986													
Lowest Monthly Average for Period 1970 thru 1990 174.58 Jan 1970													

Station: 904-4049 Windmill Point, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898	174.65	174.47	174.82	174.90	174.93	174.93	174.96	174.94	174.87	174.76	174.73	174.75	174.85
1899	174.74	174.62	174.48	174.69	174.85	174.95	174.98	174.95	174.85	174.76	174.71	174.59	174.76

Station: 904-4049 Windmill Point, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	174.56	174.62	174.75	174.79	174.83	174.89	174.90	174.91	174.86	174.81	174.74	174.71	174.78
1901	174.59	174.30	174.38	174.19	174.58	174.83	174.90	174.90	174.86	174.76	174.68	174.73	174.64
1902	174.38	174.27	174.57	174.65	174.75	174.85	175.04	175.02	174.92	174.86	174.77	174.78	174.74
1903	174.80	174.71	174.81	174.98	174.97	175.01	175.02	175.00	174.98	174.90	174.75	174.87	174.90
1904	174.49	174.55	174.85	175.08	175.08	175.17	175.19	175.14	175.08	174.99	174.88	174.86	174.95
1905	174.52	174.44	174.55	174.82	174.93	175.10	175.14	175.12	175.06	174.95	174.85	174.82	174.86
1906	174.85	174.58	174.58	174.85	174.95	175.02	175.07	175.06	174.98	174.92	174.89	174.85	174.88
1907	174.87	174.78	174.76	174.96	175.03	175.13	175.17	175.13	175.06	175.02	174.91	174.88	174.98
1908	174.80	174.58	174.90	175.06	175.16	175.22	175.23	175.21	175.11	174.99	174.80	174.72	174.98
1909	174.68	174.43	174.47	174.84	175.10	175.15	175.14	175.10	174.99	174.83	174.79	174.98	174.87
1910	174.70	174.46	174.80	174.86	174.96	175.00	174.99	174.92	174.88	174.81	174.71	174.59	174.81
1911	174.26	174.23	174.48	174.68	174.73	174.80	174.77	174.74	174.69	174.68	174.59	174.62	174.61
1912	174.69	174.69	174.80	174.88	174.92	174.95	174.94	174.92	174.94	174.86	174.80	174.72	174.84
1913	174.86	174.65	174.75	175.22	175.21	175.21	175.19	175.14	174.99	174.88	174.85	174.80	174.98
1914	174.60	174.58	174.49	174.75	174.96	175.00	175.00	174.94	174.89	174.80	174.62	174.84	174.79
1915	174.34	174.55	174.40	174.58	174.66	174.71	174.79	174.85	174.81	174.73	174.59	174.58	174.63
1916	174.75	174.65	174.48	174.80	174.95	175.12	175.08	175.06	175.00	174.84	174.77	174.89	174.86
1917	174.94	174.77	174.77	174.99	175.04	175.21	175.34	175.30	175.19	175.05	175.04	174.98	175.05
1918	174.52	174.68	174.67	174.78	174.93	175.08	175.11	175.09	175.04	174.97	174.91	174.93	174.89
1919	175.08	174.82	174.93	175.08	175.24	175.26	175.19	175.09	175.00	174.93	174.84	174.70	175.01
1920	174.24	174.33	174.51	174.75	174.89	174.94	175.01	175.02	174.95	174.86	174.77	174.74	174.75
1921	174.81	174.36	174.74	174.94	175.01	175.02	175.00	174.90	174.81	174.71	174.68	174.69	174.80
1922	174.53	174.32	174.54	174.86	174.91	174.98	174.99	174.94	174.89	174.74	174.60	174.57	174.74
1923	174.44	174.25	174.42	174.57	174.70	174.75	174.80	174.72	174.68	174.59	174.50	174.52	174.58
1924	174.54	174.27	174.38	174.58	174.70	174.75	174.81	174.78	174.73	174.64	174.45	174.37	174.58
1925	174.24	174.14	174.35	174.46	174.45	174.45	174.47	174.46	174.41	174.29	174.24	174.17	174.34
1926	173.87	173.82	174.01	174.26	174.41	174.47	174.51	174.53	174.53	174.56	174.51	174.55	174.34
1927	174.19	174.05	174.28	174.58	174.66	174.76	174.81	174.76	174.65	174.58	174.47	174.57	174.53
1928	174.54	174.39	174.28	174.67	174.78	174.88	174.99	174.98	174.88	174.84	174.82	174.83	174.74
1929	174.94	175.07	175.03	175.26	175.43	175.43	175.46	175.38	175.27	175.14	175.04	174.99	175.20
1930	175.01	174.92	175.15	175.23	175.23	175.20	175.21	175.13	175.01	174.90	174.74	174.67	175.03
1931	174.50	174.08	174.06	174.49	174.59	174.63	174.65	174.60	174.51	174.44	174.36	174.36	174.44
1932	174.49	174.53	174.28	174.51	174.61	174.62	174.59	174.53	174.51	174.40	174.38	174.52	174.50
1933	174.38	174.19	174.34	174.60	174.71	174.73	174.72	174.64	174.51	174.39	174.29	174.30	174.48
1934	173.93	173.98	173.95	174.29	174.37	174.39	174.44	174.34	174.28	174.20	174.12	174.16	174.20
1935	174.14	173.87	174.13	174.30	174.39	174.43	174.50	174.49	174.39	174.30	174.27	174.22	174.28
1936	173.83	174.08	174.29	174.43	174.50	174.52	174.48	174.42	174.42	174.37	174.26	174.26	174.32
1937	174.40	174.26	174.39	174.58	174.70	174.73	174.76	174.73	174.60	174.46	174.33	174.47	174.54
1938	174.16	174.40	174.33	174.70	174.75	174.80	174.84	174.84	174.78	174.72	174.58	174.52	174.62
1939	174.54	174.06	174.30	174.76	174.82	174.88	174.90	174.86	174.82	174.70	174.62	174.52	174.65

Station: 904-4049 Windmill Point, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	174.30	174.19	174.25	174.62	174.66	174.78	174.82	174.80	174.76	174.70	174.70	174.60	174.60
1941	174.49	174.24	174.34	174.53	174.63	174.69	174.66	174.61	174.54	174.52	174.45	174.46	174.51
1942	174.35	174.01	174.35	174.77	174.84	174.98	174.98	174.96	174.88	174.83	174.76	174.74	174.70
1943	174.63	174.51	174.77	174.94	175.20	175.31	175.38	175.34	175.26	175.18	175.06	175.00	175.05
1944	174.48	174.62	174.67	175.05	175.14	175.18	175.17	175.10	175.03	174.98	174.88	174.83	174.93
1945	174.69	174.58	174.84	174.96	175.12	175.24	175.29	175.22	175.17	175.18	175.04	175.12	175.04
1946	174.89	174.54	174.98	175.05	175.08	175.23	175.24	175.14	175.04	174.93	174.82	174.72	174.97
1947	174.56	174.54	174.68	175.08	175.21	175.36	175.35	175.33	175.27	175.17	175.03	174.97	175.04
1948	174.89	174.85	174.99	175.16	175.30	175.27	175.26	175.18	175.08	174.90	174.78	174.74	175.03
1949	174.80	174.81	174.65	174.88	174.90	174.91	174.93	174.87	174.72	174.68	174.51	174.50	174.76
1950	174.65	174.63	174.64	174.98	175.00	174.98	175.01	174.95	174.96	174.90	174.80	174.91	174.87
1951	174.77	174.83	175.08	175.20	175.30	175.34	175.36	175.33	175.25	175.22	175.19	175.31	175.18
1952	175.40	175.34	175.44	175.56	175.58	175.61	175.60	175.58	175.50	175.33	175.16	175.15	175.44
1953	175.18	175.14	175.22	175.27	175.37	175.45	175.47	175.44	175.33	175.24	175.09	174.99	175.27
1954	174.76	174.68	175.07	175.24	175.29	175.33	175.35	175.29	175.22	175.33	175.27	175.22	175.17
1955	175.23	175.08	175.29	175.34	175.36	175.37	175.34	175.28	175.16	175.04	174.89	174.88	175.19
1956	174.34	174.19	174.70	174.93	175.20	175.17	175.19	175.18	175.12	174.99	174.80	174.77	174.88
1957	174.50	174.51	174.73	174.86	174.96	174.97	175.09	174.99	174.91	174.81	174.66	174.74	174.81
1958	174.41	174.26	174.58	174.52	174.69	174.71	174.76	174.74	174.69	174.58	174.44	174.49	174.57
1959	174.14	174.24	174.53	174.71	174.80	174.82	174.76	174.72	174.67	174.64	174.58	174.65	174.60
1960	174.64	174.47	174.65	174.92	175.02	175.14	175.17	175.19	175.14	175.02	174.86	174.86	174.92
1961	174.71	174.70	174.87	174.96	175.11	175.09	175.07	175.06	174.98	174.86	174.76	174.69	174.91
1962	174.64	174.34	174.73	174.80	174.84	174.89	174.86	174.82	174.76	174.68	174.64	174.57	174.71
1963	174.43	174.31	174.48	174.62	174.68	174.68	174.63	174.60	174.55	174.44	174.34	174.30	174.51
1964	174.07	174.06	174.24	174.40	174.49	174.48	174.47	174.44	174.38	174.26	174.17	174.18	174.30
1965	174.10	174.13	174.36	174.53	174.58	174.64	174.62	174.58	174.58	174.53	174.48	174.54	174.47
1966	174.57	174.54	174.66	174.78	174.84	174.86	174.84	174.79	174.71	174.54	174.53	174.67	174.69
1967	174.68	174.56	174.69	174.88	174.96	175.00	175.04	174.99	174.92	174.84	174.83	174.89	174.86
1968	174.85	174.97	174.92	174.98	175.04	175.10	175.14	175.11	175.06	174.96	174.90	174.91	174.99
1969	174.94	174.99	174.99	175.17	175.30	175.36	175.47	175.42	175.31	175.16	175.09	175.06	175.19
1970	174.71	174.80	174.98	175.10	175.16	175.24	175.24	175.22	175.17	175.13	175.07	175.08	175.08
1971	175.06	174.98	175.14	175.22	175.27	175.34	175.32	175.31	175.28	175.20	175.07	175.08	175.19
1972	175.12	175.11	175.16	175.26	175.39	175.41	175.47	175.47	175.46	175.42	175.44	175.44	175.35
1973	175.48	175.45	175.62	175.67	175.68	175.77	175.75	175.70	175.60	175.49	175.37	175.39	175.58
1974	175.48	175.48	175.60	175.65	175.71	175.70	175.71	175.63	175.52	175.38	175.31	175.33	175.54
1975	175.35	175.36	175.42	175.49	175.52	175.58	175.56	175.54	175.54	175.41	175.28	175.29	175.44
1976	175.30	175.24	175.53	175.57	175.62	175.60	175.62	175.56	175.42	175.26	175.08	175.02	175.40
1977	175.04	175.08	175.06	175.18	175.23	175.17	175.18	175.15	175.15	175.12	175.03	175.14	175.13
1978	175.27	175.25	175.19	175.32	175.33	175.32	175.29	175.23	175.19	175.12	175.04	174.94	175.21
1979	175.10	175.10	175.09	175.32	175.38	175.42	175.44	175.43	175.41	175.29	175.22	175.25	175.29

Station: 904-4049 Windmill Point, Detroit, Michigan on the Detroit River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	175.28	175.25	175.24	175.43	175.43	175.47	175.47	175.50	175.44	175.28	175.16	175.12	175.34
1981	174.85	175.13	175.14	175.20	175.31	175.35	175.41	175.37	175.36	175.32	175.21	175.14	175.23
1982	175.20	175.14	175.25	175.33	175.32	175.35	175.34	175.28	175.19	175.11	175.10	175.19	175.23
1983	175.19	175.18	175.24	175.35	175.49	175.53	175.54	175.54	175.41	175.33	175.27	175.38	175.37
1984	175.34	175.31	175.42	175.00	175.40	175.52	175.54	175.51	175.46	175.41	175.34	175.28	175.38
1985	175.40	175.48	175.65	175.74	175.74	175.73	175.71	175.66	175.62	175.53	175.67	175.68	175.64
1986	175.72	175.74	175.73	175.76	175.78	175.85	175.87	175.83	175.78	175.90	175.75	175.72	175.79
1987	175.70	175.53	175.50	175.65	175.60	175.60	175.60	175.54	175.46	175.29	175.22	175.23	175.49
1988	175.25	175.20	175.18	175.26	175.27	175.23	175.18	175.13	175.03	174.91	174.91	174.90	175.12
1989	174.94	174.97	174.89	175.05	175.09	175.28	175.29	175.19	175.14	174.97	174.85	174.90	175.05
1990	174.82	174.93	175.02	175.05	175.10	175.14	175.19	175.18	175.16	175.08	175.02	175.03	175.06
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
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2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 904-4049 Windmill Point, Detroit, Michigan on the Detroit River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1897 thru 1990													
	174.72	174.65	174.77	174.94	175.03	175.08	175.10	175.06	174.99	174.91	174.82	174.82	174.91
Monthly and Annual Averages for Period 1900 thru 1990													
	174.72	174.65	174.77	174.94	175.03	175.08	175.10	175.06	175.00	174.91	174.82	174.82	174.91
Monthly and Annual Averages for Period 1981 thru 1990													
	175.24	175.26	175.30	175.34	175.41	175.46	175.47	175.42	175.36	175.28	175.23	175.24	175.34
Highest Monthly and Annual Average for Period 1897 thru 1990													
Level	175.72	175.74	175.73	175.76	175.78	175.85	175.87	175.83	175.78	175.90	175.75	175.72	175.79
Year	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1897 thru 1990													
Level	173.83	173.82	173.95	174.19	174.37	174.39	174.44	174.34	174.28	174.20	174.12	174.16	174.20
Year	1936	1926	1934	1901	1934	1934	1934	1934	1934	1934	1934	1934	1934
Highest Monthly Average for Period 1897 thru 1990 175.90 Oct 1986													
Lowest Monthly Average for Period 1897 thru 1990 173.82 Feb 1926													

Station: 903-4051 Grosse Pointe Yacht Club, Grosse Pointe Shores, Michigan on

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898	174.71	174.54	174.88	174.96	174.99	175.03	175.05	174.99	174.93	174.85	174.85	174.81	174.88
1899	174.80	174.69	174.55	174.75	174.92	175.02	175.04	175.01	174.92	174.83	174.77	174.66	174.83

Station: 903-4051 Grosse Pointe Yacht Club, Grosse Pointe Shores, Michigan on

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	174.63	174.69	174.81	174.85	174.90	174.95	174.96	174.97	174.92	174.88	174.81	174.78	174.85
1901	174.66	174.37	174.45	174.26	174.65	174.90	174.97	174.97	174.92	174.82	174.74	174.80	174.71
1902	174.44	174.34	174.64	174.72	174.82	174.92	175.10	175.08	174.98	174.93	174.84	174.84	174.80
1903	174.86	174.77	174.88	175.05	175.03	175.07	175.08	175.06	175.04	174.97	174.81	174.94	174.96
1904	174.56	174.61	174.92	175.14	175.14	175.24	175.25	175.20	175.14	175.05	174.94	174.92	175.01
1905	174.59	174.50	174.62	174.88	175.00	175.16	175.20	175.19	175.12	175.02	174.92	174.88	174.92
1906	174.91	174.65	174.65	174.92	175.02	175.08	175.13	175.12	175.04	174.98	174.95	174.92	174.95
1907	174.93	174.85	174.83	175.02	175.09	175.20	175.23	175.19	175.12	175.08	174.98	174.94	175.04
1908	174.87	174.65	174.97	175.12	175.22	175.28	175.29	175.27	175.17	175.06	174.86	174.78	175.05
1909	174.74	174.49	174.53	174.90	175.16	175.21	175.20	175.16	175.06	174.90	174.86	175.04	174.94
1910	174.76	174.53	174.87	174.92	175.02	175.06	175.05	174.98	174.95	174.88	174.78	174.66	174.87
1911	174.33	174.29	174.54	174.75	174.80	174.87	174.84	174.81	174.75	174.74	174.66	174.69	174.67
1912	174.75	174.75	174.87	174.95	174.98	175.02	175.00	174.98	175.01	174.92	174.87	174.78	174.91
1913	174.93	174.72	174.82	175.28	175.27	175.27	175.25	175.20	175.05	174.94	174.91	174.86	175.04
1914	174.66	174.64	174.56	174.81	175.02	175.06	175.06	175.01	174.95	174.86	174.68	174.88	174.85
1915	174.41	174.60	174.46	174.65	174.73	174.78	174.85	174.92	174.88	174.79	174.66	174.64	174.70
1916	174.82	174.72	174.54	174.86	175.02	175.18	175.14	175.12	175.06	174.90	174.84	174.95	174.93
1917	175.01	174.84	174.83	175.05	175.10	175.27	175.40	175.36	175.25	175.11	175.10	175.04	175.11
1918	174.59	174.74	174.74	174.84	175.00	175.14	175.17	175.16	175.10	175.03	174.98	174.99	174.96
1919	175.14	174.88	175.00	175.14	175.30	175.32	175.25	175.16	175.06	175.00	174.91	174.76	175.08
1920	174.30	174.40	174.58	174.82	174.95	175.01	175.07	175.08	175.01	174.92	174.84	174.81	174.81
1921	174.87	174.43	174.80	175.00	175.07	175.08	175.06	174.97	174.88	174.77	174.74	174.76	174.87
1922	174.58	174.39	174.62	174.92	174.99	175.00	175.07	175.02	174.97	174.83	174.69	174.65	174.81
1923	174.53	174.40	174.52	174.63	174.76	174.82	174.85	174.79	174.75	174.66	174.56	174.56	174.65
1924	174.58	174.29	174.41	174.63	174.76	174.81	174.88	174.85	174.79	174.71	174.52	174.42	174.64
1925	174.28	174.18	174.39	174.52	174.51	174.52	174.55	174.54	174.48	174.36	174.30	174.24	174.41
1926	173.94	173.89	174.08	174.32	174.48	174.53	174.58	174.60	174.60	174.62	174.57	174.61	174.40
1927	174.26	174.12	174.35	174.65	174.73	174.83	174.88	174.83	174.71	174.64	174.54	174.64	174.60
1928	174.61	174.46	174.35	174.73	174.84	174.94	175.06	175.05	174.94	174.90	174.89	174.89	174.80
1929	175.01	175.13	175.09	175.32	175.48	175.49	175.52	175.44	175.34	175.20	175.10	175.05	175.26
1930	175.07	174.98	175.21	175.29	175.29	175.26	175.27	175.19	175.07	174.97	174.80	174.74	175.10
1931	174.57	174.15	174.13	174.56	174.66	174.70	174.72	174.67	174.58	174.51	174.43	174.42	174.51
1932	174.56	174.60	174.35	174.58	174.68	174.69	174.66	174.60	174.57	174.46	174.45	174.59	174.56
1933	174.45	174.26	174.41	174.66	174.76	174.77	174.77	174.70	174.58	174.46	174.36	174.38	174.55
1934	174.01	174.04	174.05	174.36	174.42	174.45	174.50	174.41	174.34	174.27	174.18	174.26	174.27
1935	174.21	173.93	174.22	174.37	174.44	174.50	174.57	174.57	174.48	174.38	174.36	174.30	174.36
1936	173.88	174.13	174.36	174.49	174.56	174.59	174.55	174.48	174.49	174.45	174.36	174.38	174.39
1937	174.48	174.38	174.47	174.61	174.74	174.77	174.83	174.78	174.66	174.54	174.42	174.56	174.60
1938	174.28	174.51	174.41	174.74	174.79	174.85	174.90	174.90	174.84	174.78	174.67	174.60	174.69
1939	174.64	174.13	174.38	174.80	174.87	174.94	174.97	174.93	174.89	174.78	174.70	174.62	174.72

Station: 903-4051 Grosse Pointe Yacht Club, Grosse Pointe Shores, Michigan on

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	174.36	174.23	174.30	174.69	174.72	174.84	174.88	174.86	174.82	174.76	174.62	174.66	174.65
1941	174.56	174.28	174.42	174.58	174.69	174.75	174.73	174.68	174.62	174.60	174.54	174.53	174.58
1942	174.42	174.07	174.42	174.83	174.90	175.03	175.04	175.02	174.94	174.90	174.82	174.82	174.77
1943	174.70	174.57	174.84	174.99	175.25	175.36	175.44	175.41	175.34	175.24	175.14	175.07	175.11
1944	174.53	174.68	174.74	175.09	175.18	175.23	175.22	175.16	175.09	175.04	174.93	174.89	174.98
1945	174.73	174.62	174.89	175.03	175.18	175.28	175.33	175.28	175.22	175.24	175.10	175.17	175.09
1946	174.96	174.60	175.04	175.12	175.15	175.29	175.30	175.21	175.10	175.00	174.89	174.80	175.04
1947	174.61	174.60	174.75	175.15	175.26	175.41	175.40	175.38	175.34	175.22	175.09	175.04	175.10
1948	174.98	174.90	175.07	175.22	175.35	175.32	175.32	175.24	175.13	174.96	174.86	174.82	175.10
1949	174.89	174.88	174.70	174.94	174.96	174.98	175.00	174.93	174.80	174.75	174.58	174.57	174.83
1950	174.72	174.70	174.71	175.04	175.05	175.04	175.07	175.02	175.01	174.95	174.86	174.99	174.93
1951	174.86	174.89	175.12	175.25	175.34	175.38	175.41	175.38	175.31	175.29	175.26	175.40	175.24
1952	175.49	175.41	175.51	175.59	175.60	175.63	175.66	175.65	175.57	175.41	175.24	175.23	175.50
1953	175.25	175.21	175.29	175.32	175.41	175.49	175.52	175.49	175.39	175.29	175.16	175.06	175.32
1954	174.81	174.74	175.13	175.29	175.36	175.39	175.41	175.38	175.30	175.39	175.33	175.29	175.24
1955	175.30	175.15	175.36	175.38	175.41	175.43	175.40	175.35	175.22	175.09	174.98	174.95	175.25
1956	174.38	174.24	174.78	174.98	175.24	175.22	175.24	175.25	175.19	175.04	174.87	174.84	174.94
1957	174.57	174.58	174.80	174.94	175.02	175.03	175.14	175.06	174.98	174.88	174.76	174.80	174.88
1958	174.47	174.30	174.65	174.56	174.73	174.76	174.82	174.80	174.76	174.64	174.51	174.55	174.63
1959	174.18	174.28	174.59	174.75	174.83	174.86	174.81	174.79	174.73	174.70	174.65	174.71	174.66
1960	174.72	174.54	174.71	174.97	175.07	175.21	175.24	175.25	175.20	175.09	174.94	174.94	174.99
1961	174.77	174.76	174.93	175.02	175.15	175.14	175.13	175.12	175.05	174.92	174.83	174.76	174.97
1962	174.70	174.39	174.79	174.85	174.89	174.94	174.91	174.88	174.82	174.74	174.70	174.64	174.77
1963	174.48	174.37	174.53	174.67	174.72	174.72	174.69	174.66	174.60	174.51	174.40	174.38	174.56
1964	174.15	174.14	174.31	174.46	174.54	174.54	174.52	174.50	174.44	174.32	174.25	174.25	174.37
1965	174.15	174.19	174.44	174.58	174.63	174.66	174.66	174.66	174.64	174.59	174.54	174.60	174.53
1966	174.63	174.58	174.70	174.80	174.91	174.94	174.92	174.86	174.78	174.62	174.60	174.75	174.76
1967	174.76	174.64	174.77	174.94	175.02	175.08	175.11	175.07	174.99	174.92	174.89	174.97	174.93
1968	174.90	175.02	174.99	175.05	175.09	175.16	175.20	175.20	175.14	175.04	174.98	175.01	175.06
1969	175.01	175.06	175.06	175.24	175.36	175.43	175.53	175.50	175.39	175.24	175.18	175.14	175.26
1970	174.77	174.87	175.06	175.16									174.96
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													

Station Closed

Station: 903-4051 Grosse Pointe Yacht Club, Grosse Pointe Shores, Michigan on

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1898 thru 1970													
	174.64	174.55	174.69	174.88	174.97	175.03	175.05	175.02	174.95	174.86	174.77	174.77	174.85
Monthly and Annual Averages for Period 1900 thru 1970													
	174.64	174.55	174.69	174.88	174.97	175.03	175.05	175.02	174.95	174.86	174.77	174.77	174.85
Monthly and Annual Averages for Period 1961 thru 1970													
	174.63	174.60	174.76	174.88	174.92	174.96	174.96	174.94	174.87	174.77	174.71	174.72	174.82
Highest Monthly and Annual Average for Period 1898 thru 1970													
Level	175.49	175.41	175.51	175.59	175.60	175.63	175.66	175.65	175.57	175.41	175.33	175.40	175.50
Year	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1954	1951	1952
Lowest Monthly and Annual Average for Period 1898 thru 1970													
Level	173.88	173.89	174.05	174.26	174.42	174.45	174.50	174.41	174.34	174.27	174.18	174.24	174.27
Year	1936	1926	1934	1901	1934	1934	1934	1934	1934	1934	1934	1925	1934
Highest Monthly Average for Period 1898 thru 1970 175.66 Jul 1952													
Lowest Monthly Average for Period 1898 thru 1970 173.88 Jan 1936													

Station: 903-4052 St. Clair Shores, Michigan on Lake St. Clair

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968			175.06	175.04	175.09	175.16	175.20	175.18	175.13	175.04	174.98	175.00	175.09
1969	175.02	175.06	175.06	175.23	175.36	175.43	175.53	175.49	175.38	175.25	175.18	175.14	175.26
1970	174.77	174.87	175.07	175.17	175.24	175.31	175.32	175.30	175.25	175.21	175.15	175.15	175.15
1971	175.14	175.06	175.23	175.29	175.34	175.41	175.40	175.39	175.36	175.28	175.16	175.16	175.27
1972	175.22	175.20	175.25	175.32	175.45	175.47	175.54	175.54	175.53	175.49	175.51	175.52	175.42
1973	175.56	175.54	175.68	175.73	175.74	175.83	175.82	175.77	175.67	175.56	175.45	175.47	175.65
1974	175.56	175.57	175.67	175.71	175.77	175.76	175.77	175.70	175.59	175.46	175.39	175.40	175.61
1975	175.44	175.45	175.48	175.55	175.58	175.65	175.62	175.60	175.61	175.48	175.36	175.37	175.52
1976	175.37	175.32	175.61	175.64	175.69	175.66	175.68	175.62	175.49	175.35	175.16	175.10	175.47
1977	175.10	175.16	175.14	175.25	175.28	175.23	175.24	175.21	175.21	175.18	175.09	175.22	175.19
1978	175.33	175.31	175.26	175.38	175.38	175.37	175.34	175.29	175.25	175.19	175.11	175.03	175.27
1979	175.16	175.16	175.18	175.39	175.44	175.48	175.51	175.49	175.47	175.36	175.30	175.32	175.36

Station: 903-4052 St. Clair Shores, Michigan on Lake St. Clair

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	175.36	175.32	175.31	175.49	175.49	175.52	175.53	175.56	175.50	175.35	175.23	175.19	175.40
1981	174.91	175.21	175.21	175.26	175.36	175.40	175.46	175.43	175.42	175.38	175.28	175.22	175.30
1982	175.28	175.20	175.32	175.39	175.37	175.40	175.40	175.33	175.26	175.18	175.18	175.26	175.30
1983	175.26	175.25	175.29	175.41	175.55	175.59	175.60	175.60	175.48	175.40	175.34	175.45	175.43
1984	175.40	175.38	175.51	175.04	175.47	175.59	175.60	175.58	175.52	175.47	175.40	175.35	175.44
1985	175.47	175.56	175.72	175.81	175.79	175.79	175.77	175.72	175.69	175.60	175.73	175.76	175.70
1986	175.80	175.81	175.81	175.82	175.83	175.91	175.93	175.89	175.85	175.97	175.82	175.80	175.85
1987	175.77	175.61	175.56	175.70	175.66	175.65	175.66	175.60	175.52	175.36	175.29	175.31	175.56
1988	175.33	175.28	175.24	175.32	175.33	175.29	175.24	175.19	175.10	175.00	174.99	174.98	175.19
1989	175.02	175.03	174.96	175.10	175.14	175.32	175.34	175.26	175.20	175.04	174.93	174.96	175.11
1990	174.90	175.01	175.09	175.10	175.16	175.21	175.25	175.25	175.23	175.16	175.09	175.10	175.13
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 903-4052 St. Clair Shores, Michigan on Lake St. Clair

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1968 thru 1990													
	175.28	175.29	175.33	175.40	175.46	175.50	175.51	175.48	175.42	175.34	175.27	175.27	175.38
Monthly and Annual Averages for Period 1981 thru 1990													
	175.31	175.33	175.37	175.40	175.47	175.52	175.53	175.48	175.43	175.36	175.31	175.32	175.40
Highest Monthly and Annual Average for Period 1968 thru 1990													
Level	175.80	175.81	175.81	175.82	175.83	175.91	175.93	175.89	175.85	175.97	175.82	175.80	175.85
Year	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1968 thru 1990													
Level	174.77	174.87	174.96	175.04	175.09	175.16	175.20	175.18	175.10	175.00	174.93	174.96	175.09
Year	1970	1970	1989	1984	1968	1968	1968	1968	1988	1988	1989	1989	1968
Highest Monthly Average for Period 1968 thru 1990 175.97 Oct 1986													
Lowest Monthly Average for Period 1968 thru 1990 174.77 Jan 1970													

Station: 901-4070 Algonac, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899													175.33
													175.33

Station: 901-4070 Algonac, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901					175.21								175.21
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926							174.88	174.91	174.92	174.93	174.90	174.97	174.92
1927				174.91	175.00	175.09	175.16	175.14	175.06	175.02	174.92	175.00	175.03
1928	175.01	174.82	174.75	175.05	175.11	175.21	175.34	175.34	175.29	175.25	175.27	175.24	175.14
1929		175.48	175.42	175.54	175.71	175.72	175.77	175.73	175.63	175.52			175.62
1930													
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938													
1939													

Station: 901-4070 Algonac, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946										175.40	175.32		175.36
1947													
1948													
1949													
1950													
1951								175.88	175.81	175.66	175.52	175.49	175.67
1952								175.73	175.65	175.54	175.43	175.37	175.57
1953	175.49	175.51	175.51	175.55	175.61	175.70	175.74	175.73	175.65	175.54	175.43	175.37	175.50
1954	175.30	175.25	175.43	175.49	175.53	175.57	175.62	175.59	175.54	175.62	175.58	175.53	175.50
1955	175.62	175.53	175.58	175.58	175.61		175.60	175.56	175.43	175.36	175.27	175.21	175.49
1956	174.76	174.74	175.08	175.18	175.40	175.40	175.44	175.45	175.40	175.26	175.15	175.09	175.20
1957	175.01	175.02	175.07	175.12	175.19	175.22	175.33	175.27	175.21	175.11	175.03	175.03	175.14
1958	174.89	174.75	174.94	174.93	174.94	174.98	175.04	175.04	175.00	174.90	174.82	174.86	174.92
1959	174.70	174.81	174.87	174.94	175.02	175.05	175.05	175.03	174.99	174.96	174.92	174.95	174.94
1960	175.08	174.90	175.04	175.15	175.26	175.40	175.46	175.48	175.43	175.33	175.20	175.18	175.24
1961	175.16	175.06	175.08	175.16	175.29	175.30	175.30	175.30	175.23	175.13	175.04	174.98	175.17
1962	174.89	174.66	174.94	175.02	175.05	175.09	175.09	175.07	175.02	174.95	174.88	174.86	174.96
1963	174.84	174.80	174.80	174.84	174.88	174.90	174.89	174.88	174.81	174.73	174.66	174.65	174.81
1964	174.60	174.60	174.55	174.62	174.71	174.71	174.72	174.72	174.68	174.59	174.54	174.51	174.63
1965	174.52	174.67	174.71	174.74	174.81	174.86	174.88	174.87	174.87	174.86	174.82	174.85	174.79
1966	174.96	174.98	174.93	174.99	175.06	175.08	175.09	175.06	174.98	174.87	174.82	174.94	174.98
1967	174.97	174.97	174.97	175.09	175.16	175.22	175.28	175.24	175.17	175.11	175.12	175.14	175.12
1968	175.15	175.29	175.17	175.20	175.23	175.30	175.37	175.34	175.32	175.25	175.18	175.23	175.25
1969	175.34	175.35	175.24	175.37	175.49	175.58	175.69	175.67	175.56	175.44	175.39	175.34	175.46
1970	175.11	175.15	175.28	175.35	175.39	175.44	175.49	175.48	175.44	175.38	175.35	175.35	175.35
1971	175.41	175.33	175.47	175.45	175.48	175.56	175.58	175.57	175.54	175.46	175.37	175.36	175.47
1972	175.46	175.51	175.46	175.54	175.59	175.62	175.69	175.71	175.71	175.67	175.67	175.69	175.61
1973	175.76	175.82	175.82	175.86	175.89	175.97	175.96	175.93	175.84	175.73	175.65	175.66	175.82
1974	175.75	175.80	175.80	175.85	175.92	175.92	175.94	175.87	175.78	175.64	175.59	175.58	175.79
1975	175.62	175.66	175.74	175.72	175.72	175.80	175.79	175.76	175.77	175.65	175.55	175.54	175.69
1976	175.60	175.52	175.76	175.76	175.83	175.82	175.84	175.78	175.66	175.52	175.38	175.36	175.65
1977	175.38	175.41	175.29	175.39	175.41	175.38	175.40	175.38	175.37	175.33	175.28	175.41	175.37
1978	175.60	175.54	175.43	175.48	175.50	175.51	175.49	175.46	175.42	175.38	175.30	175.25	175.45
1979	175.43	175.43	175.34	175.54	175.58	175.64	175.67	175.67	175.64	175.56	175.50	175.49	175.54

Station: 901-4070 Algonac, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	175.56	175.56	175.54	175.62	175.63	175.67	175.68	175.71	175.66	175.55	175.43	175.44	175.59
1981	175.23	175.42	175.38	175.43	175.50	175.57	175.61	175.59	175.58	175.55	175.45	175.39	175.48
1982	175.46	175.41	175.47	175.54	175.49	175.52	175.54	175.50	175.42	175.37	175.37	175.44	175.46
1983	175.50	175.48	175.44	175.54	175.69	175.72	175.75	175.74	175.65	175.57	175.52	175.61	175.60
1984	175.58	175.57	175.69	175.33	175.61	175.72	175.75	175.73	175.70	175.63	175.59	175.55	175.62
1985	175.72	175.79	175.86	175.96	175.93	175.94	175.92	175.88	175.86	175.78	175.88	175.97	175.87
1986	176.06	176.00	175.96	175.96	175.97	176.05	176.07	176.05	176.01	176.12	176.00	175.97	176.02
1987	175.96	175.91	175.81	175.83	175.79	175.80	175.81	175.75	175.68	175.55	175.47	175.45	175.73
1988		175.52	175.40	175.47	175.47	175.44	175.41	175.38	175.28	175.21	175.21		175.38
1989	175.22	175.29	175.18	175.26	175.28	175.46	175.48	175.41	175.35	175.20	175.14	175.14	175.28
1990	175.12	175.19	175.22	175.24	175.29	175.35	175.39	175.38	175.38	175.32	175.27	175.27	175.28
1991													
1992													
1993													
1994													
1995													
1996													
1997													
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2010													
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2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 901-4070 Algonac, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1899 thru 1990													
	175.28	175.29	175.31	175.36	175.41	175.45	175.48	175.47	175.41	175.34	175.27	175.28	175.36
Monthly and Annual Averages for Period 1900 thru 1990													
	175.28	175.29	175.31	175.36	175.41	175.46	175.48	175.47	175.41	175.34	175.27	175.28	175.36
Monthly and Annual Averages for Period 1981 thru 1990													
	175.54	175.56	175.54	175.55	175.60	175.66	175.67	175.64	175.59	175.53	175.49	175.53	175.57
Highest Monthly and Annual Average for Period 1899 thru 1990													
Level	176.06	176.00	175.96	175.96	175.97	176.05	176.07	176.05	176.01	176.12	176.00	175.97	176.02
Year	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1899 thru 1990													
Level	174.52	174.60	174.55	174.62	174.71	174.71	174.72	174.72	174.68	174.59	174.54	174.51	174.63
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1899 thru 1990 176.12 Oct 1986													
Lowest Monthly Average for Period 1899 thru 1990 174.51 Dec 1964													

Station: 901-4080 St. Clair State Police, St. Clair, Michigan on the St. Clair

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													
1971	175.95	175.93	175.88	175.89	175.95	176.02	176.05	176.06	176.01	175.94	175.85	175.84	175.95
1972	175.90	175.95	175.88	175.94	176.03	176.07	176.13	176.16	176.18	176.15	176.13	176.12	176.05
1973	176.18	176.28	176.22	176.28	176.32	176.40	176.41	176.40	176.32	176.22	176.13	176.11	176.27
1974	176.16	176.20	176.21	176.27	176.34	176.37	176.40	176.35	176.25	176.13	176.06	176.03	176.23
1975	176.04	176.08	176.16	176.15	176.17	176.25	176.26	176.22	176.22	176.10	175.99	175.98	176.14
1976	176.22	176.14	176.14	176.20	176.27	176.27	176.30	176.24	176.12	175.99	175.82	175.81	176.13
1977	175.98	175.78	175.68	175.80	175.81	175.79	175.80	175.78	175.77	175.75	175.70	175.77	175.79
1978	176.00	175.87	175.77	175.84	175.87	175.90	175.90	175.88	175.86	175.84	175.75	175.70	175.85
1979	175.98	175.90	175.75	175.94	176.03	176.08	176.13	176.14	176.11	176.01	175.96	175.97	176.00

Station: 901-4080 St. Clair State Police, St. Clair, Michigan on the St. Clair

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	175.97	175.98	175.94	176.02	176.04	176.09	176.11	176.13	176.10	175.99	175.87	175.94	176.02
1981	175.86	175.85	175.81	175.86	175.94	175.99	176.04	176.02	176.02	175.97	175.88	175.81	175.92
1982	175.96	175.88	175.80	175.88	175.86	175.92	175.93	175.91	175.86	175.79	175.80	175.86	175.87
1983	175.91	175.90	175.86	175.96	176.11	176.17	176.20	176.18	176.10	176.02	175.96	176.03	176.04
1984	176.21	176.01	176.06	176.20	176.06	176.16	176.21	176.19	176.16	176.10	176.06	176.01	176.12
1985	176.22	176.19	176.24	176.35	176.38	176.37	176.38	176.34	176.33	176.26	176.34	176.41	176.32
1986	176.49	176.37	176.36	176.40	176.43	176.49	176.53	176.53	176.50	176.61	176.48	176.41	176.47
1987	176.39	176.42	176.34	176.27	176.23	176.24	176.24	176.18	176.10	175.98	175.89	175.90	176.18
1988	175.91	175.96	175.80	175.89	175.89	175.87	175.83	175.80	175.70	175.64	175.61	175.61	175.79
1989	175.60	175.67	175.56	175.64	175.68	175.82	175.85	175.80	175.75	175.60	175.54	175.61	175.68
1990	175.49	175.53	175.55	175.59	175.65	175.72	175.78	175.77	175.76	175.70	175.66	175.66	175.65
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 901-4080 St. Clair State Police, St. Clair, Michigan on the St. Clair

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1971 thru 1990

	176.02	175.99	175.95	176.02	176.05	176.10	176.12	176.10	176.06	175.99	175.93	175.93	176.02
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Monthly and Annual Averages for Period 1981 thru 1990

	176.00	175.98	175.94	176.00	176.02	176.08	176.10	176.07	176.03	175.97	175.92	175.93	176.00
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Highest Monthly and Annual Average for Period 1971 thru 1990

Level	176.49	176.42	176.36	176.40	176.43	176.49	176.53	176.53	176.50	176.61	176.48	176.41	176.47
Year	1986	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1971 thru 1990

Level	175.49	175.53	175.55	175.59	175.65	175.72	175.78	175.77	175.70	175.60	175.54	175.61	175.65
Year	1990	1990	1990	1990	1990	1990	1990	1990	1988	1989	1989	1989	1990

Highest Monthly Average for Period 1971 thru 1990 176.61 Oct 1986

Lowest Monthly Average for Period 1971 thru 1990 175.49 Jan 1990

Station: 901-4081 St. Clair, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910					175.70	175.73	175.73	175.70	175.67	175.63	175.55		175.67
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924											175.32	175.29	175.30
1925	175.25	175.29	175.25	175.18	175.18	175.21							175.23
1926													
1927					175.39	175.48	175.54	175.52	175.43	175.40			175.46
1928						175.64	175.75	175.77	175.74	175.71			175.72
1929					176.22	176.24	176.28	176.25	176.13	176.00			176.19
1930													
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938													
1939													

Station: 901-4081 St. Clair, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944						175.87				175.78			175.82
1945													
1946													
1947						175.96	175.96	176.01	176.01	175.96	175.89		175.96
1948					175.96	175.92	175.94	175.89	175.78	175.62			175.85
1949					175.54	175.57	175.62	175.58	175.48	175.40			175.53
1950					175.56	175.60	175.67	175.69	175.68	175.63	175.58	175.65	175.63
1951	175.82	175.76	175.67	175.78	175.89	175.97	176.06	176.08	176.03	176.02	176.02	176.10	175.94
1952	176.21	176.21	176.16	176.25	176.30	176.34	176.38	176.39	176.33	176.18	176.02	176.00	176.23
1953	175.98	175.96	175.98	176.03	176.11	176.19	176.24	176.24	176.15	176.04	175.92	175.85	176.06
1954	176.03	176.04	175.86	175.91	175.99	176.05	176.10	176.09	176.03	176.14	176.07	176.04	176.03
1955	176.11	176.15	176.02	176.00	176.05	176.08	176.06	176.01	175.87	175.74	175.66	175.58	175.94
1956	175.50	175.53	175.68	175.60	175.78	175.79	175.85	175.87	175.81	175.67	175.57	175.50	175.68
1957	175.57	175.57	175.43	175.47	175.56	175.60	175.72	175.66	175.60	175.51	175.43	175.42	175.54
1958	175.57	175.53	175.31	175.35	175.34	175.38	175.42	175.41	175.37	175.28	175.18	175.20	175.36
1959	175.27	175.24	175.18	175.27	175.36	175.42	175.42	175.42	175.38	175.36	175.35	175.34	175.33
1960	175.54	175.69	175.50	175.51	175.68	175.82	175.90	175.93	175.88	175.79	175.68	175.70	175.72
1961	175.72	175.55	175.51	175.57	175.68	175.69	175.69	175.69	175.64	175.56	175.48	175.42	175.60
1962	175.36	175.21	175.44	175.45	175.50	175.53	175.54	175.51	175.47	175.38	175.30	175.25	175.41
1963	175.30	175.24	175.15	175.21	175.28	175.30	175.30	175.30	175.22	175.13	175.06	175.02	175.21
1964	175.13	175.14	174.89	174.93	175.04	175.06	175.09	175.08	175.06	174.99	174.93	174.87	175.02
1965	175.01	175.10	175.02	175.09	175.19	175.25	175.27	175.28	175.29	175.31	175.26	175.28	175.20
1966	175.41	175.47	175.33	175.42	175.49	175.51	175.52	175.49	175.42	175.29	175.24	175.33	175.41
1967	175.33	175.53	175.34	175.50	175.57	175.64	175.71	175.70	175.63	175.55	175.56	175.55	175.55
1968	175.72	175.79	175.56	175.60	175.64	175.71	175.78	175.81	175.78	175.73	175.66	175.68	175.70
1969	175.90	175.79	175.68	175.79	175.93	176.01	176.13	176.14	176.04	175.93	175.88	175.90	175.93
1970	176.13	176.04	175.74	175.79	175.85	175.93	175.97	175.97	175.94	175.88	175.84	175.82	175.91
1971	175.98	175.95	175.91	175.92	175.99	176.06	176.09						175.98
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													

Station Relocated

Station: 901-4081 St. Clair, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1910 thru 1971													
	175.63	175.63	175.53	175.57	175.67	175.73	175.79	175.77	175.71	175.64	175.55	175.54	175.66
Monthly and Annual Averages for Period 1962 thru 1971													
	175.53	175.53	175.41	175.47	175.55	175.60	175.64	175.59	175.54	175.47	175.41	175.41	175.53
Highest Monthly and Annual Average for Period 1910 thru 1971													
Level	176.21	176.21	176.16	176.25	176.30	176.34	176.38	176.39	176.33	176.18	176.07	176.10	176.23
Year	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1954	1951	1952
Lowest Monthly and Annual Average for Period 1910 thru 1971													
Level	175.01	175.10	174.89	174.93	175.04	175.06	175.09	175.08	175.06	174.99	174.93	174.87	175.02
Year	1965	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1910 thru 1971 176.39 Aug 1952													
Lowest Monthly Average for Period 1910 thru 1971 174.87 Dec 1964													

Station: 901-4084 Marysville, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924											175.58	175.54	175.56
1925	175.44	175.53	175.50	175.46	175.46	175.46							
1926													175.48
1927													
1928							175.91	176.01	176.04	176.01	175.99		175.99
1929							176.48	176.53	176.50	176.40	176.26		176.43
1930													
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938													
1939													

Station: 901-4084 Marysville, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947						176.20	176.26	176.26	176.22	176.12			176.21
1948													
1949													
1950													
1951													
1952												176.27	176.27
1953	176.24	176.22	176.23	176.28	176.36	176.44	176.49	176.50	176.40	176.31	176.17	176.13	176.32
1954	176.18	176.19	176.07	176.15	176.25	176.30	176.38	176.37	176.29	176.40	176.34	176.30	176.27
1955	176.33	176.32	176.23	176.24	176.30	176.32	176.32	176.26	176.13	176.00	175.94	175.85	176.19
1956	175.94	175.86	175.88	175.85	176.00	176.04	176.08	176.10	176.04	175.91	175.81	175.75	175.94
1957	175.88	175.81	175.67	175.70	175.78	175.83	175.95	175.91	175.84	175.75	175.69	175.65	175.79
1958	175.82	175.88	175.54	175.57	175.62	175.63	175.66	175.66	175.62	175.53	175.43	175.40	175.61
1959	175.51	175.46	175.37	175.49	175.59	175.66	175.66	175.65	175.62	175.59	175.59	175.58	175.56
1960	175.72	175.84	175.70	175.73	175.92	176.05	176.14	176.18	176.15	176.05	175.95	175.93	175.95
1961	175.94	175.80	175.77	175.82	175.90	175.91	175.93	175.93	175.89	175.82	175.76	175.68	175.84
1962	175.72	175.50	175.70	175.71	175.77	175.81	175.81	175.78	175.73	175.65	175.54	175.49	175.69
1963	175.50	175.49	175.38	175.46	175.52	175.54	175.55	175.54	175.47	175.39	175.30	175.24	175.45
1964	175.30	175.25	175.10	175.14	175.27	175.28	175.31	175.31	175.28	175.21	175.15	175.11	175.22
1965	175.24	175.28	175.22	175.30	175.42	175.49	175.51	175.52	175.53	175.56	175.50	175.53	175.42
1966	175.63	175.63	175.55	175.64	175.72	175.74	175.76	175.72	175.66	175.54	175.48	175.57	175.64
1967	175.56	175.71	175.56	175.71	175.80	175.87	175.95	175.94	175.87	175.78	175.80	175.78	175.78
1968	175.90	175.95	175.76	175.81	175.85	175.92	176.00	176.03	176.01	175.97	175.91	175.91	175.92
1969	176.06	175.99	175.90	176.00	176.14	176.23	176.35	176.36	176.31	176.17	176.12	176.13	176.15
1970	176.28	176.18	175.97	176.00	176.08	176.16	176.20	176.21	176.17	176.11	176.08	176.06	176.12
1971	176.17	176.14	176.13	176.16	176.21	176.30	176.33	176.33	176.28	176.20	176.13	176.10	176.21
1972	176.14	176.16	176.11	176.16	176.28	176.33	176.37	176.41	176.44	176.42	176.38	176.36	176.30
1973	176.40	176.47	176.45	176.52	176.57	176.65	176.66	176.66	176.58	176.49	176.40	176.36	176.52
1974	176.37	176.42	176.43	176.49	176.58	176.62	176.67	176.62	176.51	176.39	176.33	176.28	176.48
1975	176.27	176.30	176.37	176.38	176.43	176.50	176.52	176.49	176.48	176.35	176.24	176.23	176.38
1976	176.37	176.32	176.34	176.44	176.52	176.52	176.56	176.50	176.38	176.24	176.07	176.02	176.36
1977	176.11	175.96	175.90	176.02	176.04	176.02	176.03	176.01	176.00	175.98	175.94	175.97	176.00
1978	176.14	176.03	175.96	176.03	176.08	176.12	176.14	176.12	176.10	176.09	176.00	175.94	176.06
1979	176.13	176.06	175.97	176.17	176.27	176.33	176.38	176.40	176.36	176.26	176.21	176.22	176.23

Station: 901-4084 Marysville, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.20	176.19	176.15	176.23	176.27	176.31	176.34	176.37	176.34	176.24	176.13	176.15	176.24
1981	176.12	176.04	176.05	176.09	176.18	176.22	176.28	176.26	176.26	176.20	176.11	176.03	176.15
1982	176.13	176.04	175.98	176.08	176.08	176.14	176.16	176.15	176.10	176.03	176.03	176.09	176.08
1983	176.13	176.12	176.12	176.20	176.37	176.42	176.44	176.42	176.35	176.27	176.20	176.24	176.27
1984	176.41	176.23	176.26	176.51	176.32	176.38	176.47	176.46	176.43	176.36	176.33	176.27	176.37
1985	176.46	176.38	176.46	176.53	176.62	176.64	176.63	176.59	176.58	176.52	176.58	176.64	176.55
1986	176.67	176.57	176.57	176.63	176.67	176.74	176.78	176.79	176.77	176.87	176.75	176.66	176.71
1987	176.62	176.63	176.52	176.51	176.47	176.49	176.49	176.43	176.35	176.23	176.14	176.13	176.42
1988	176.11	176.15	176.02	176.13	176.14	176.11	176.07	176.03	175.97				176.08
1989						Station Closed							
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 901-4084 Marysville, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1924 thru 1988													
	176.03	176.00	175.94	176.01	176.08	176.13	176.18	176.17	176.13	176.06	175.98	175.96	176.05
Monthly and Annual Averages for Period 1979 thru 1988													
	176.30	176.24	176.21	176.31	176.34	176.38	176.40	176.39	176.35	176.33	176.27	176.27	176.31
Highest Monthly and Annual Average for Period 1924 thru 1988													
Level	176.67	176.63	176.57	176.63	176.67	176.74	176.78	176.79	176.77	176.87	176.75	176.66	176.71
Year	1986	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1924 thru 1988													
Level	175.24	175.25	175.10	175.14	175.27	175.28	175.31	175.31	175.28	175.21	175.15	175.11	175.22
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1924 thru 1988 176.87 Oct 1986													
Lowest Monthly Average for Period 1924 thru 1988 175.10 Mar 1964													

Station: 901-4087 Dry Dock, Port Huron, Michigan on St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899			176.16	176.00	176.06	176.17	176.26	176.25	176.19	176.06	176.02	175.97	176.12

Station: 901-4087 Dry Dock, Port Huron, Michigan on St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	176.10	176.14	176.17	175.97	176.01	176.06	176.13	176.15	176.14	176.11	176.10	176.03	176.09
1901	176.13	176.24	176.12	176.35	176.19	176.15	176.21	176.24	176.17	176.10	176.03	175.98	176.16
1902	176.18	176.08	175.86	175.90	175.97	176.06	176.18	176.19	176.11	176.04	175.99	175.96	176.04
1903	175.92	176.15	176.00	176.06	176.06	176.13	176.17	176.17	176.17	176.17	176.04	176.08	176.09
1904	175.99	176.11	176.16	176.18	176.24	176.35	176.37	176.37	176.33	176.29	176.20	176.16	176.23
1905	176.38	176.26	176.20	176.12	176.20	176.33	176.40	176.39	176.35	176.27	176.18	176.12	176.27
1906	176.13	176.26	176.32	176.21	176.25	176.29	176.34	176.32	176.25	176.19	176.13	176.23	176.24
1907	176.33	176.34	176.23	176.20	176.24	176.32	176.37	176.36	176.33	176.27	176.16	176.12	176.27
1908	176.26	176.33	176.28	176.21	176.31	176.39	176.45	176.43	176.31	176.19	176.06	175.99	176.27
1909	176.02	176.25	176.15	176.01	176.20	176.26	176.29	176.26	176.19	176.07	175.98		176.15
1910					176.08	176.12	176.12	176.08	176.05	176.01	175.96		176.06
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919					176.35	176.37	176.35	176.30	176.21	176.15	176.10		176.26
1920							176.25	176.24	176.20	176.11	176.03		176.17
1921							176.12	176.06	176.02	175.98	175.92		176.02
1922						176.15	176.20	176.17	176.11	175.98	175.87		176.08
1923						175.94	175.94	175.90	175.88	175.82	175.71		175.86
1924					175.81	175.84	175.90	175.92	175.91	175.79	175.69		175.84
1925				175.53	175.56	175.57	175.63	175.59	175.53	175.47	175.38		175.53
1926					175.49	175.57	175.62	175.62	175.60	175.59	175.54		175.58
1927		175.67	175.63	175.65	175.76	175.86	175.92	175.90	175.80	175.78	175.70	175.72	175.76
1928	175.80	175.88	175.86	175.86	175.97	176.04	176.14	176.16	176.14	176.13	176.16	176.16	176.02
1929	176.33	176.32	176.24	176.41	176.59	176.63	176.67	176.64	176.54	176.40	176.34	176.33	176.45
1930	176.37	176.28	176.25	176.27	176.28	176.30	176.38	176.34	176.23	176.12	175.96	175.87	176.22
1931	175.93	175.98	175.89	175.73	175.74	175.75	175.79	175.74	175.64	175.62	175.54	175.53	175.74
1932	175.52	175.56	175.67	175.55	175.59	175.63	175.67	175.63	175.59	175.50	175.46	175.42	175.56
1933	175.38	175.49	175.39	175.47	175.59	175.67	175.68	175.64	175.53	175.46	175.40	175.39	175.51
1934	175.45	175.42	175.40	175.35	175.40	175.44	175.48	175.47	175.43	175.39	175.32	175.38	175.41
1935	175.50	175.32	175.40	175.44	175.50	175.55	175.64	175.64	175.58	175.52	175.49	175.54	175.51
1936	175.57	175.56	175.52	175.53	175.60	175.66	175.66	175.61	175.62	175.60	175.53	175.41	175.57
1937	175.44	175.56	175.48	175.50	175.62	175.67	175.71	175.70	175.66	175.56	175.49	175.46	175.57
1938	175.50	175.56	175.67	175.70	175.76	175.87	175.93	175.97	175.92	175.85	175.77	175.70	175.77
1939	175.74	175.71	175.83	175.77	175.86	175.96	176.03	176.04	176.01	175.92	175.83	175.75	175.87

Station: 901-4087 Dry Dock, Port Huron, Michigan on St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	175.86	175.80	175.72	175.66	175.70	175.80	175.86	175.87	175.87	175.79	175.72	175.68	175.78
1941	175.82	175.88	175.74	175.70	175.74	175.77	175.77	175.74	175.69	175.72	175.71	175.70	175.75
1942	175.70	176.00	175.83	175.86	175.93	176.06	176.10	176.08	176.02	175.96	175.90	175.87	175.94
1943	176.04	176.04	176.00	176.01	176.15	176.33	176.45	176.47	176.43	176.34	176.28	176.25	176.23
1944	176.32	176.22	176.18	176.12	176.18	176.24	176.28	176.25	176.21	176.16	176.06	176.03	176.19
1945	176.14	176.01	175.92	176.02	176.14	176.28	176.36	176.32	176.27	176.26	176.17	176.17	176.17
1946	176.25	176.32	176.22	176.23	176.22	176.29	176.33	176.27	176.16	176.06	175.98	175.91	176.19
1947	175.98	176.06	175.88	176.01	176.17	176.30	176.39	176.38	176.33	176.27	176.18	176.11	176.17
1948	176.14	176.12	176.06	176.17	176.31	176.29	176.30	176.26	176.15	175.98	175.88	175.85	176.13
1949	175.81	175.86	175.91	175.87	175.92	175.95	175.98	175.94	175.83	175.74	175.62	175.55	175.83
1950	175.61	175.79	175.77	175.83	175.88	175.94	176.02	176.05	176.05	176.00	175.94	175.97	175.90
1951	176.05	176.09	176.02	176.17	176.31	176.38	176.46	176.48	176.44	176.44	176.45	176.49	176.32
1952	176.53	176.55	176.50	176.63	176.69	176.73	176.77	176.80	176.73	176.59	176.43	176.41	176.61
1953	176.38	176.35	176.36	176.42	176.51	176.58	176.64	176.64	176.56	176.45	176.32	176.24	176.45
1954	176.28	176.30	176.22	176.26	176.36	176.44	176.52	176.50	176.43	176.51	176.46	176.42	176.39
1955	176.43	176.42	176.35	176.36	176.43	176.46	176.45	176.38	176.23	176.12	176.02	175.97	176.30
1956	176.10	176.03	175.98	175.97	176.11	176.16	176.21	176.22	176.16	176.04	175.94	175.87	176.06
1957	175.99	175.90	175.78	175.82	175.91	175.96	176.06	176.03	175.96	175.87	175.78	175.77	175.90
1958	175.95	176.00	175.66	175.68	175.74	175.75	175.78	175.77	175.71	175.63	175.52	175.50	175.72
1959	175.61	175.56	175.46	175.56	175.66	175.76	175.76	175.76	175.73	175.71	175.71	175.71	175.67
1960	175.82	175.92	175.81	175.85	176.05	176.19	176.29	176.32	176.28	176.20	176.09	176.09	176.08
1961	176.06	175.93	175.92	175.97	176.04	176.05	176.07	176.07	176.03	175.98	175.90	175.84	175.99
1962	175.92	175.88	175.83	175.86	175.92	175.96	175.96	175.92	175.88	175.78	175.68	175.63	175.85
1963	175.63	175.63	175.51	175.59	175.65	175.67	175.68	175.68	175.60	175.52	175.44	175.37	175.58
1964	175.39	175.36	175.24	175.26	175.38	175.40	175.43	175.42	175.41	175.34	175.28	175.24	175.34
1965	175.35	175.38	175.32	175.42	175.54	175.62	175.64	175.66	175.66	175.70	175.64	175.66	175.55
1966	175.75	175.76	175.70	175.78	175.86	175.88	175.89	175.84	175.79	175.66	175.60	175.69	175.77
1967	175.68	175.80	175.68	175.83	175.92	176.00	176.09	176.07	176.00	175.91	175.93	175.90	175.90
1968	175.97	176.02	175.89	175.94	175.99	176.05	176.13	176.16	176.14	176.11	176.05	176.04	176.04
1969	176.15	176.11	176.04	176.14	176.27	176.37	176.50	176.52	176.42	176.31	176.28	176.27	176.28
1970	176.37	176.29	176.12	176.14	176.22	176.30	176.34	176.35	176.31	176.25	176.22	176.21	176.26
1971	176.29	176.24	176.26	176.31	176.38	176.45	176.49	176.49	176.43	176.36	176.29	176.26	176.35
1972	176.28	176.29	176.24	176.30	176.42	176.47	176.52	176.56	176.59	176.56	176.53	176.50	176.44
1973	176.54	176.58	176.58	176.66	176.72	176.80	176.82	176.82	176.74	176.64	176.57	176.53	176.67
1974	176.52	176.56	176.58	176.64	176.73	176.78	176.83	176.78	176.68	176.56	176.49	176.44	176.63
1975	176.42	176.44	176.50	176.53	176.58	176.65	176.67	176.64	176.63	176.50	176.39	176.38	176.53
1976	176.47	176.43	176.47	176.58	176.66	176.67	176.70	176.64	176.53	176.38	176.21	176.14	176.49
1977	176.19	176.06	176.03	176.15	176.17	176.15	176.16	176.15	176.13	176.12	176.08	176.10	176.12
1978	176.24	176.14	176.08	176.16	176.21	176.25	176.27	176.28	176.26	176.25	176.16	176.10	176.20
1979	176.24	176.18	176.12	176.31	176.43	176.49	176.53	176.56	176.52	176.42	176.36	176.37	176.38

Station: 901-4087 Dry Dock, Port Huron, Michigan on St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.36	176.34	176.30	176.35	176.42	176.48	176.50	176.52	176.49	176.40	176.28	176.30	176.39
1981	176.36	176.18	176.20	176.24	176.33	176.36	176.42	176.40	176.41	176.34	176.26	176.18	176.31
1982	176.24	176.15	176.13	176.22	176.22	176.26	176.29	176.28	176.23	176.17	176.16	176.23	176.21
1983	176.26	176.25	176.27	176.32	176.48	176.57	176.58	176.57	176.49	176.42	176.35	176.36	176.41
1984	176.45	176.34	176.37	176.60	176.46	176.55	176.61	176.60	176.56	176.50	176.47	176.42	176.49
1985	176.50	176.47	176.58	176.70	176.76	176.79	176.77	176.73	176.73	176.67	176.72	176.78	176.68
1986	176.79	176.70	176.71	176.78	176.82	176.88	176.93	176.94	176.91	177.01	176.90	176.80	176.85
1987	176.76	176.74	176.69	176.65	176.61	176.63	176.62	176.57	176.48	176.36	176.27	176.27	176.56
1988	176.24	176.27	176.16	176.27	176.28	176.25	176.21	176.17	176.07	176.02	175.98	176.00	176.16
1989	175.96	176.00	175.91	176.01	176.04	176.17	176.21	176.16	176.11	175.96	175.91	175.89	176.03
1990	175.80	175.84	175.86	175.92	175.98	176.06	176.13	176.11	176.10	176.04	176.00	175.99	175.98
1991													
1992													
1993													
1994													
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2019													

Station: 901-4087 Dry Dock, Port Huron, Michigan on St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1899 thru 1990													
	176.05	176.05	176.01	176.04	176.10	176.16	176.20	176.19	176.13	176.07	176.00	176.00	176.08
Monthly and Annual Averages for Period 1900 thru 1990													
	176.05	176.05	176.01	176.04	176.10	176.16	176.20	176.19	176.13	176.07	176.00	176.00	176.08
Monthly and Annual Averages for Period 1981 thru 1990													
	176.34	176.29	176.29	176.37	176.40	176.45	176.48	176.45	176.41	176.35	176.30	176.29	176.37
Highest Monthly and Annual Average for Period 1899 thru 1990													
Level	176.79	176.74	176.71	176.78	176.82	176.88	176.93	176.94	176.91	177.01	176.90	176.80	176.85
Year	1986	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1899 thru 1990													
Level	175.35	175.32	175.24	175.26	175.38	175.40	175.43	175.42	175.41	175.34	175.28	175.24	175.34
Year	1965	1935	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1899 thru 1990 177.01 Oct 1986													
Lowest Monthly Average for Period 1899 thru 1990 175.24 Dec 1964													

Station: 901-4090 Mouth of the Black River, Port Huron, Michigan on the St. Cl

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901	176.23	176.36	176.26	176.41	176.31	176.29	176.35	176.37	176.31	176.24	176.17	176.13	176.29
1902	176.26	176.19	175.99	176.04	176.10	176.19	176.28	176.31	176.23	176.21	176.15	176.08	176.17
1903	176.12	176.24	176.12	176.18	176.19	176.25	176.30	176.29	176.30	176.30	176.18	176.18	176.22
1904			176.26	176.31	176.36	176.47	176.51	176.51	176.46	176.42	176.32	176.26	176.39
1905	176.48	176.42	176.31	176.25	176.34	176.47	176.52	176.53	176.47	176.40	176.32	176.25	176.40
1906													
1907													
1908											176.20		176.20
1909										176.18	176.09		176.13
1910							176.22	176.17	176.16	176.12			176.16
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927					175.87	175.96	176.02	176.00	175.90	175.90			175.94
1928						176.14	176.25						176.20
1929							176.78	176.75					176.77
1930								176.45					176.45
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938													
1939													

Station: 901-4090 Mouth of the Black River, Port Huron, Michigan on the St. Cl

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953	176.50	176.46	176.58	176.56	176.64	176.72	176.78	176.79	176.67	176.57	176.56	176.54	176.55
1954			176.34	176.38	176.49	176.56	176.62	176.63	176.55	176.63	176.43	176.36	176.59
												176.55	176.53
1955	176.55	176.50	176.46	176.47	176.53	176.57	176.56	176.50	176.35	176.25	176.14	176.09	176.42
1956	176.16	176.09	176.08	176.07	176.22	176.27	176.31	176.32	176.27	176.14	176.04	175.99	176.16
1957	176.05	175.97	175.89	175.92	176.01	176.06	176.17	176.12	176.06	175.98	175.90	175.86	176.00
1958	176.02	176.06	175.76	175.80	175.85	175.85	175.90	175.89	175.81	175.73	175.63	175.59	175.82
1959	175.66	175.62	175.55	175.68	175.77	175.84	175.85	175.85	175.83	175.79	175.81	175.81	175.76
1960	175.91	175.99	175.90	175.96	176.16	176.31	176.40	176.43	176.39	176.31	176.19	176.18	176.18
1961	176.13	176.00	176.02	176.06	176.14	176.14	176.17	176.16	176.13	176.08	176.01	175.94	176.08
1962	175.99	176.00	175.90	175.96	176.02	176.07	176.07	176.02	175.98	175.88	175.76	175.68	175.94
1963	175.70	175.67	175.58	175.68	175.74	175.77	175.78	175.78	175.70	175.62	175.53	175.46	175.67
1964	175.41	175.36	175.33	175.34	175.46	175.49	175.53	175.51	175.50	175.43	175.37	175.32	175.42
1965	175.40	175.44	175.40	175.51	175.64	175.72	175.76	175.77	175.77	175.82	175.76	175.76	175.64
1966	175.84	175.82	175.81	175.89	175.96	175.99	176.01	175.96	175.90	175.77	175.71	175.80	175.87
1967	175.77	175.84	175.77	175.94	176.03	176.12	176.20	176.18	176.11	176.00	176.04	176.00	176.00
1968	176.06	176.12	175.97	176.03	176.08	176.16	176.25	176.28	176.26	176.22	176.16	176.14	176.14
1969	176.18	176.15	176.13	176.24	176.37	176.48	176.58	176.58	176.49	176.41	176.36	176.29	176.36
1970	176.42	176.39	176.21	176.24	176.32	176.41	176.45	176.45	176.42	176.35	176.32	176.31	176.36
1971	176.35	176.32	176.35	176.41	176.47	176.56	176.61	176.61	176.54	176.46	176.38	176.36	176.45
1972	176.38	176.37	176.31	176.39	176.52	176.60	176.63	176.68	176.70	176.68	176.64	176.60	176.54
1973				176.76	176.82	176.90	176.92	176.94	176.87	176.76	176.69	176.64	176.81
1974	176.60	176.63	176.68	176.74	176.84	176.91	176.99	176.90	176.80	176.68	176.60	176.54	176.74
1975	176.51	176.50	176.56	176.63	176.69	176.76	176.79	176.76	176.74	176.59	176.48	176.47	176.62
1976	176.53	176.50	176.56	176.69	176.78	176.79	176.81	176.77	176.65	176.50	176.33	176.25	176.60
1977	176.29	176.18	176.14	176.26	176.28	176.26	176.27	176.26	176.24	176.21	176.17	176.19	176.23
1978	176.33	176.24	176.19	176.26	176.33	176.36	176.39	176.38	176.37	176.35	176.28	176.20	176.30
1979	176.29	176.24	176.22	176.42	176.54	176.62	176.65	176.67	176.63	176.52	176.46	176.47	176.48

Station: 901-4090 Mouth of the Black River, Port Huron, Michigan on the St. Cl

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.45	176.41	176.38	176.48	176.52	176.58	176.60	176.62	176.58	176.50	176.38	176.39	176.49
1981	176.41	176.25	176.31	176.34	176.43	176.47	176.52	176.50	176.52	176.44	176.37	176.28	176.40
1982	176.27	176.18	176.18	176.31	176.31	176.45	176.37	176.40	176.34	176.28	176.27	176.33	176.31
1983	176.36	176.35	176.38	176.44	176.58	176.68	176.70	176.68	176.60	176.53	176.46	176.45	176.52
1984	176.52	176.43	176.45	176.66	176.57	176.67	176.73	176.72	176.68	176.62	176.59	176.53	176.60
1985	176.62	176.56	176.69	176.81	176.89	176.91	176.89	176.84	176.84	176.79	176.84	176.88	176.80
1986	176.88	176.79	176.81	176.89	176.94	176.99	177.05	177.06	177.03	177.14	177.02	176.90	176.96
1987	176.87	176.83	176.79	176.76	176.73	176.76	176.74	176.69	176.59	176.47	176.39	176.38	176.67
1988	176.34	176.37	176.27	176.38	176.38	176.37	176.33	176.29	176.19	176.13	176.09	176.12	176.27
1989	176.07	176.09	176.02	176.12	176.16	176.28	176.31	176.27	176.22	176.07	176.00	175.96	176.13
1990	175.86	175.92	175.95	176.01	176.09	176.16	176.24	176.22	176.20	176.15	176.11	176.11	176.08
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2016													
2017													
2018													
2019													

Station: 901-4090 Mouth of the Black River, Port Huron, Michigan on the St. Cl

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1901 thru 1990													
	176.22	176.20	176.16	176.25	176.31	176.36	176.41	176.40	176.34	176.27	176.22	176.20	176.29
Monthly and Annual Averages for Period 1981 thru 1990													
	176.42	176.38	176.39	176.47	176.51	176.58	176.59	176.57	176.52	176.46	176.41	176.39	176.47
Highest Monthly and Annual Average for Period 1901 thru 1990													
Level	176.88	176.83	176.81	176.89	176.94	176.99	177.05	177.06	177.03	177.14	177.02	176.90	176.96
Year	1986	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1901 thru 1990													
Level	175.40	175.36	175.33	175.34	175.46	175.49	175.53	175.51	175.50	175.43	175.37	175.32	175.42
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1901 thru 1990 177.14 Oct 1986													
Lowest Monthly Average for Period 1901 thru 1990 175.32 Dec 1964													

Station: 901-4096 Dunn Paper Co., Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955		176.60	176.59	176.62	176.68	176.71	176.70	176.63	176.49	176.35	176.27	176.19	176.53
1956	176.21	176.14	176.16	176.20	176.33	176.39	176.43	176.44	176.39	176.26	176.17	176.11	176.27
1957	176.12	176.06	175.99	176.03	176.11	176.16	176.29	176.25	176.18	176.11	176.01	175.98	176.11
1958	176.08	176.09	175.89	175.91	176.00	175.99	176.02	176.00	175.95	175.86	175.76	175.69	175.94
1959	175.71	175.67	175.66	175.80	175.91	175.98	175.97	175.98	175.96	175.93	175.94	175.95	175.87
1960	176.02	176.07	176.00	176.07	176.30	176.45	176.54	176.57	176.54	176.45	176.34	176.31	176.30
1961	176.24	176.15	176.16	176.21	176.27	176.28	176.30	176.30	176.26	176.21	176.15	176.08	176.22
1962	176.07	176.07	176.04	176.10	176.16	176.20	176.20	176.15	176.12	176.02	175.90	175.81	176.07
1963	175.74	175.70	175.63	175.74	175.80	175.85	175.86	175.85	175.77	175.75	175.67	175.58	175.75
1964	175.51	175.51	175.46	175.46	175.58	175.60	175.65	175.65	175.63	175.57	175.50	175.47	175.55
1965	175.51	175.53	175.52	175.64	175.79	175.86	175.88	175.89	175.89	175.93	175.88	175.91	175.77
1966	175.96	175.94	175.94	176.02	176.11	176.11	176.13	176.08	176.03	175.90	175.84	175.91	176.00
1967	175.90	175.97	175.88	176.05	176.18	176.25	176.34	176.31	176.25	176.15	176.18	176.14	176.13
1968	176.16	176.21	176.11	176.16	176.22	176.30	176.38	176.42	176.40	176.38	176.33	176.30	176.28
1969	176.33	176.35	176.29	176.39	176.53	176.63	176.75	176.77	176.69	176.58	176.54	176.50	176.53
1970	176.49	176.45	176.36	176.38	176.47	176.57	176.60	176.62	176.58	176.52	176.50	176.48	176.50
1971	176.49	176.43	176.51	176.57	176.65	176.73	176.76	176.76	176.71	176.62	176.56	176.53	176.61
1972	176.53	176.50	176.47	176.52	176.68	176.76	176.80	176.84	176.87	176.84	176.80	176.76	176.70
1973	176.80	176.78	176.81	176.92	176.98	177.06	177.08	177.09	177.02	176.94	176.78	176.80	176.92
1974	176.73	176.78	176.81	176.88	176.98	177.04	177.10	177.06	176.99	176.85	176.76	176.70	176.89
1975	176.67	176.66	176.70	176.77	176.84	176.92	176.95	176.92	176.90	176.76	176.65	176.63	176.78
1976	176.64	176.62	176.69	176.90	176.94			176.87	176.78	176.63	176.45	176.35	176.69
1977	176.34	176.25	176.26	176.38	176.41	176.39	176.41	176.38	176.36	176.34	176.32	176.31	176.35
1978	176.39	176.32	176.27	176.37	176.44	176.49	176.52	176.51	176.50	176.50	176.44	176.32	176.42
1979	176.39	176.35	176.35	176.54	176.68	176.77	176.80	176.81	176.77			176.62	176.61

Station: 901-4096 Dunn Paper Co., Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.59	176.55	176.51	176.61	176.66	176.72	176.75	176.75	176.73	176.66	176.54	176.52	176.63
1981	176.50	176.38	176.46	176.49	176.59	176.62	176.67	176.64	176.66	176.58	176.51	176.42	176.54
1982	176.40	176.31	176.29	176.42	176.45	176.50	176.52	176.53	176.48	176.42	176.41	176.46	176.43
1983	176.49	176.47	176.51	176.58	176.72	176.81	176.84	176.81	176.74	176.67	176.60	176.57	176.65
1984	176.58	176.55	176.55	176.72	176.72	176.79	176.87	176.86	176.81	176.75	176.72	176.67	176.71
1985	176.73	176.69	176.81	176.94	177.03	177.05	177.02	176.98	176.98	176.92	176.97	177.00	176.93
1986	176.98	176.89	176.92	177.02	177.06	177.13	177.17	177.20	177.17	177.28	177.16	177.04	177.09
1987	176.99	176.94	176.89	176.90	176.85	176.87	176.86	176.80	176.71	176.60	176.51	176.49	176.78
1988	176.44	176.46	176.38	176.51	176.51	176.50	176.45	176.39	176.31	176.26	176.21	176.24	176.39
1989	176.19	176.19	176.11		176.28	176.40	176.44	176.39	176.34	176.20	176.14	176.07	176.25
1990	176.00	176.04	176.06	176.14	176.21	176.29	176.36	176.34	176.32	176.26	176.24	176.23	176.21
1991													
1992													
1993													
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2018													
2019													

Station: 901-4096 Dunn Paper Co., Port Huron, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1955 thru 1990													
	176.31	176.30	176.28	176.37	176.45	176.49	176.53	176.52	176.48	176.40	176.34	176.31	176.40
Monthly and Annual Averages for Period 1981 thru 1990													
	176.53	176.49	176.50	176.64	176.64	176.70	176.72	176.69	176.65	176.59	176.55	176.52	176.60
Highest Monthly and Annual Average for Period 1955 thru 1990													
Level	176.99	176.94	176.92	177.02	177.06	177.13	177.17	177.20	177.17	177.28	177.16	177.04	177.09
Year	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1955 thru 1990													
Level	175.51	175.51	175.46	175.46	175.58	175.60	175.65	175.65	175.63	175.57	175.50	175.47	175.55
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1955 thru 1990 177.28 Oct 1986													
Lowest Monthly Average for Period 1955 thru 1990 175.46 Mar 1964													

Station: 901-4098 Fort Gratiot, Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970	176.54	176.52	176.50	176.53	176.61	176.71	176.74	176.74	176.72	176.64	176.61	176.60	176.62
1971	176.59	176.52	176.62	176.70	176.79	176.87	176.90	176.91	176.88	176.77	176.70	176.67	176.74
1972	176.65	176.62	176.62	176.67	176.82	176.91	176.94	176.98	177.04	177.00	177.00	176.92	176.85
1973						177.22	177.22	177.22	177.15	177.05	176.99	176.92	177.11
1974	176.86	176.90	176.94	177.01	177.11	177.19	177.25	177.18	177.09	176.97	176.90	176.83	177.02
1975	176.78	176.78	176.82	176.90	176.98	177.05	177.08	177.04	177.02	176.89	176.77	176.76	176.91
1976	176.71	176.70	176.80	176.97	177.10	177.12	177.12	177.04	176.92	176.77	176.59	176.47	176.86
1977	176.40	176.34	176.38	176.50	176.52	176.51	176.50	176.52	176.48	176.46	176.47	176.58	176.47
1978		176.38	176.37	176.49	176.60	176.61	176.66	176.65	176.63	176.64	176.54	176.45	176.55
1979	176.47	176.44	176.48	176.67	176.82	176.91							176.63

Station: 901-4098 Fort Gratiot, Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980				176.61	176.68	176.71	176.77	176.73	176.75	176.66	176.60	176.51	176.67
1981	176.46	176.38	176.37	176.50	176.52	176.58	176.60	176.64	176.59	176.53	176.52	176.57	176.52
1982	176.60	176.58	176.63	176.69	176.83	176.94	176.96	176.93	176.86	176.79	176.72	176.66	176.77
1983	176.64	176.65	176.65	176.76	176.85	176.94	177.00	176.99	176.94	176.89	176.86	176.80	176.83
1984	176.83	176.77	176.91	177.06	177.15	177.17	177.16	177.11	177.11	177.06	177.10	177.13	177.05
1985	177.08	177.00	177.04	177.16	177.20	177.26	177.32	177.34	177.31	177.42	177.31	177.17	177.22
1986	177.12	177.05	177.01	177.03	176.98	177.01	176.98	176.93	176.83	176.72	176.63	176.61	176.91
1987	176.54	176.55	176.49	176.62	176.64	176.61	176.56	176.52	176.42	176.36	176.31	176.35	176.50
1988	176.29	176.28	176.21	176.35	176.39	176.50	176.53	176.49	176.45	176.29	176.22	176.14	176.34
1989	176.08	176.11	176.12	176.22	176.29	176.37	176.46	176.44	176.41	176.35	176.32	176.31	176.29
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 901-4098 Fort Gratiot, Port Huron, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1970 thru 1990													
	176.63	176.59	176.61	176.71	176.78	176.86	176.88	176.86	176.82	176.75	176.69	176.66	176.74
Monthly and Annual Averages for Period 1981 thru 1990													
	176.63	176.60	176.60	176.70	176.76	176.81	176.83	176.81	176.77	176.71	176.66	176.62	176.71
Highest Monthly and Annual Average for Period 1970 thru 1990													
Level	177.12	177.05	177.04	177.16	177.20	177.26	177.32	177.34	177.31	177.42	177.31	177.17	177.22
Year	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1970 thru 1990													
Level	176.08	176.11	176.12	176.22	176.29	176.37	176.46	176.44	176.41	176.29	176.22	176.14	176.29
Year	1990	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1990
Highest Monthly Average for Period 1970 thru 1990 177.42 Oct 1986													
Lowest Monthly Average for Period 1970 thru 1990 176.08 Jan 1990													

Station: 901-4099 Fort Gratiot, Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899													176.45 176.39 176.42

Station: 901-4099 Fort Gratiot, Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	176.33	176.33	176.33	176.36	176.43	176.46	176.54	176.57					176.42
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909										176.47	176.37	176.41	176.41
1910					176.46	176.53	176.49	176.45	176.42	176.38	176.31		176.44
1911						176.37	176.36	176.33	176.26	176.25			176.31
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929									176.49				176.49
1930													
1931													
1932													
1933													
1934													
1935													
1936													
1937													
1938	175.65	175.77	175.82	175.97	176.05	175.95	175.96	175.97	175.93	175.82	175.76	175.69	175.87
1939	175.97	176.00	176.01	176.05	176.16	176.26	176.35	176.35	176.32	176.23	176.15	176.05	176.03

Station: 901-4099 Fort Gratiot, Port Huron, Michigan on the St. Clair River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.02	176.00	175.94	175.94	175.99	176.09	176.15	176.15	176.16	176.08	175.99	175.96	176.04
1941	175.99	176.02	175.96	175.96	176.05	176.07	176.06	176.02	175.97	176.01	176.02	176.00	176.01
1942	176.03	176.10	176.07	176.17	176.25	176.38	176.40	176.37	176.32	176.25	176.21	176.14	176.22
1943	176.18	176.22	176.22	176.33	176.45	176.64	176.77	176.80	176.76	176.67	176.60	176.56	176.52
1944	176.48	176.43	176.41	176.45	176.50	176.56	176.59	176.56	176.51	176.50	176.39	176.32	176.48
1945	176.32	176.23	176.21	176.32	176.44	176.58	176.67	176.62	176.59	176.55	176.49	176.45	176.46
1946	176.45	176.51	176.51	176.56	176.56	176.61	176.64	176.57	176.48	176.36	176.28	176.21	176.48
1947	176.14	176.23	176.16	176.28	176.45	176.60	176.70	176.69	176.64	176.58	176.50	176.43	176.45
1948	176.38	176.33	176.32	176.44	176.62	176.61	176.61	176.57	176.46	176.28	176.17	176.14	176.41
1949	176.10	176.09	176.12	176.16	176.20	176.22	176.27	176.23	176.13	176.01	175.90	175.81	176.10
1950	175.84	175.95	175.95	176.07	176.16	176.23	176.32	176.36	176.37	176.31	176.26	176.26	176.17
1951	176.26	176.27	176.31	176.46	176.64	176.69	176.80	176.82	176.76	176.79	176.78	176.79	176.62
1952	176.81	176.84	176.79	176.96	177.04	177.10	177.11	177.14	177.08	176.95	176.78	176.77	176.95
1953	176.75	176.68	176.70	176.78	176.86	176.93	176.99	177.02	176.90	176.80	176.67	176.58	176.80
1954	176.50	176.47	176.54	176.58	176.70	176.78	176.85	176.83	176.76	176.86	176.80	176.77	176.70
1955	176.71	176.68	176.67	176.69	176.75	176.78	176.76	176.70	176.54	176.42	176.33	176.26	176.61
1956	176.26	176.19	176.22	176.26	176.39	176.46	176.51	176.51	176.45	176.32	176.23	176.17	176.33
1957	176.16	176.11	176.07	176.09	176.17	176.22	176.34	176.30	176.24	176.15	176.07	176.06	176.16
1958	176.11	176.14	175.94	175.96	176.04	176.02	176.04	176.03	175.99	175.90	175.80	175.72	175.98
1959	175.73	175.69	175.71	175.84	175.95	176.03	176.03	176.03	176.01	175.99	175.99	176.01	175.92
1960	176.08	176.11	176.05	176.13	176.36	176.51	176.62	176.66	176.61	176.53	176.40	176.37	176.37
1961	176.31	176.22	176.24	176.27	176.32	176.33	176.36	176.36	176.32	176.28	176.22	176.14	176.28
1962	176.11	176.11	176.10	176.16	176.22	176.26	176.26	176.21	176.18	176.08	175.98	175.90	176.13
1963	175.81	175.78	175.74	175.85	175.90	175.95	175.96	175.96	175.88	175.81	175.72	175.62	175.83
1964	175.55	175.52	175.48	175.49	175.63	175.66	175.69	175.69	175.67	175.61	175.55	175.50	175.58
1965	175.52	175.54	175.55	175.67	175.82	175.90	175.94	175.95	175.96	176.00	175.95	175.96	175.81
1966	176.01	175.98	176.00	176.08	176.16	176.19	176.21	176.15	176.10	175.96	175.90	175.98	176.06
1967	175.95	176.00	175.96	176.13	176.26	176.34	176.41	176.39	176.32	176.23	176.26	176.21	176.20
1968	176.20	176.27	176.18	176.23	176.29	176.36	176.44	176.49	176.47	176.45	176.40	176.36	176.35
1969	176.36	176.40	176.36	176.45	176.59	176.69	176.82	176.84	176.77	176.66	176.60	176.57	176.60
1970	176.53	176.51	176.44	176.44	176.55	176.63	176.69	176.69	176.66	176.60	176.56	176.45	176.56
1971		176.46	176.60	176.67	176.75	176.84	176.87	176.53					176.68
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													

Station Relocated

Station: 901-4099 Fort Gratiot, Port Huron, Michigan on the St. Clair River

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1899 thru 1971													
	176.16	176.18	176.16	176.24	176.34	176.39	176.44	176.43	176.37	176.31	176.24	176.19	176.30
Monthly and Annual Averages for Period 1900 thru 1971													
	176.16	176.18	176.16	176.24	176.34	176.39	176.44	176.43	176.37	176.31	176.23	176.19	176.30
Monthly and Annual Averages for Period 1962 thru 1971													
	176.00	176.06	176.04	176.12	176.22	176.28	176.33	176.29	176.22	176.16	176.10	176.06	176.18
Highest Monthly and Annual Average for Period 1899 thru 1971													
Level	176.81	176.84	176.79	176.96	177.04	177.10	177.11	177.14	177.08	176.95	176.80	176.79	176.95
Year	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1954	1951	1952
Lowest Monthly and Annual Average for Period 1899 thru 1971													
Level	175.52	175.52	175.48	175.49	175.63	175.66	175.69	175.69	175.67	175.61	175.55	175.50	175.58
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1899 thru 1971 177.14 Aug 1952													
Lowest Monthly Average for Period 1899 thru 1971 175.48 Mar 1964													

Station: 907-5002 Lakeport, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955									176.65	176.53	176.44	176.38	176.50
1956	176.35	176.31	176.31	176.36	176.49	176.55	176.61	176.61	176.55	176.43	176.34	176.28	176.43
1957	176.22	176.18	176.17	176.18	176.27	176.32	176.43	176.39	176.33	176.25	176.17	176.14	176.25
1958	176.16	176.18	176.14	176.13	176.13	176.12	176.15	176.12	176.07	175.98	175.88	175.80	176.07
1959	175.77	175.75	175.78	175.93	176.05	176.12	176.12	176.11	176.10	176.08	176.09	176.10	176.00
1960	176.13	176.18	176.14	176.22	176.46	176.60	176.72	176.76	176.72	176.64	176.53	176.47	176.46
1961	176.37	176.30	176.33	176.36	176.41	176.43	176.46	176.45	176.41	176.38	176.32	176.23	176.37
1962	176.16	176.17	176.18	176.26	176.33	176.36	176.36	176.31	176.28	176.18	176.06	175.99	176.22
1963	175.87	175.85	175.85	175.94	176.01	176.04	176.05	176.05	175.98	175.90	175.82	175.71	175.92
1964	175.61	175.60	175.58	175.58	175.72	175.74	175.78	175.78	175.76	175.70	175.64	175.59	175.67
1965	175.59	175.62	175.66	175.76	175.92	176.00	176.04	176.05	176.07	176.10	176.07	176.08	175.91
1966	176.12	176.08	176.11	176.19	176.26	176.28	176.29	176.24	176.19	176.06	175.99	176.06	176.16
1967	176.04	176.08	176.04	176.21	176.33	176.41	176.50	176.48	176.41	176.31	176.35	176.28	176.29
1968	176.27	176.33	176.27	176.32	176.39	176.44	176.53	176.58	176.57	176.54	176.49	176.45	176.43
1969	176.44	176.49	176.46	176.54	176.68	176.78	176.91	176.93	176.86	176.75	176.71	176.65	176.68
1970	176.57	176.56	176.54	176.55	176.65	176.75	176.78	176.78	176.76	176.70	176.67	176.65	176.66
1971	176.62	176.58	176.68	176.75	176.84	176.91	176.95	176.95	176.89	176.81	176.75	176.72	176.79
1972	176.70	176.66	176.66	176.72	176.87	176.95	176.98	177.04	177.07	177.04	176.99	176.94	176.88
1973	176.95	176.95	176.99	177.09	177.17	177.25	177.28	177.28	177.22	177.13	177.05	176.98	177.11
1974	176.92	176.97	176.99	177.06	177.17	177.25	177.30	177.24	177.15	177.03	176.96	176.89	177.08
1975	176.84	176.85	176.86	176.94	177.04	177.11	177.13	177.10	177.07	176.94	176.82	176.82	176.96
1976	176.75	176.74	176.86	177.02	177.11	176.42	176.46	177.09	176.98	176.82	176.65	176.51	176.78
1977	176.43	176.37	176.43	176.55	176.56	176.55	176.56	176.54	176.52	176.51	176.49	176.46	176.50
1978	176.51	176.46	176.43	176.51	176.59	176.65	176.68	176.68	176.68	176.68	176.59	176.53	176.58
1979	176.52	176.48	176.53	176.71	176.87	176.93	176.98	177.00	176.96	176.86	176.80	176.80	176.79

Station: 907-5002 Lakeport, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.76	176.74	176.69	176.77	176.84	176.90	176.92	176.92	176.90	176.83	176.72	176.68	176.81
1981	176.60	176.54	176.62	176.66	176.76	176.79	176.84	176.81	176.83	176.74	176.68	176.58	176.70
1982	176.50	176.45	176.43	176.56	176.60	176.66	176.68	176.70	176.65	176.59	176.58	176.64	176.59
1983	176.67	176.65	176.69	176.76	176.89	177.00	177.02	176.99	176.92	176.86	176.77	176.72	176.83
1984	176.69	176.70	176.74	176.80	176.91	176.99	177.06	177.05	177.00	176.95	176.92	176.87	176.89
1985	176.90	176.86	176.97	177.12	177.23	177.25	177.22	177.18	177.18	177.14	177.17	177.20	177.12
1986	177.14	177.10	177.11	177.23	177.27	177.32	177.38	177.41	177.37	177.49	177.38	177.24	177.29
1987	177.18	177.10	177.07	177.09	177.05	177.06	177.04	176.99	176.89	176.78	176.69	176.67	176.97
1988	176.60	176.61	176.56	176.68	176.70	176.68	176.62	176.58	176.48	176.43	176.38	176.42	176.56
1989	176.36	176.35	176.32	176.40	176.45	176.55	176.59	176.55	176.49	176.35	176.29	176.18	176.41
1990	176.14	176.17	176.19	176.27	176.35	176.43	176.51	176.49	176.47	176.41	176.39	176.38	176.35
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
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2007													
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2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 907-5002 Lakeport, Michigan on Lake Huron

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1955 thru 1990													
	176.44	176.43	176.44	176.52	176.61	176.65	176.68	176.69	176.65	176.58	176.52	176.47	176.56
Monthly and Annual Averages for Period 1981 thru 1990													
	176.68	176.65	176.67	176.76	176.82	176.87	176.90	176.87	176.83	176.77	176.73	176.69	176.77
Highest Monthly and Annual Average for Period 1955 thru 1990													
Level	177.18	177.10	177.11	177.23	177.27	177.32	177.38	177.41	177.37	177.49	177.38	177.24	177.29
Year	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1955 thru 1990													
Level	175.59	175.60	175.58	175.58	175.72	175.74	175.78	175.78	175.76	175.70	175.64	175.59	175.67
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1955 thru 1990 177.49 Oct 1986													
Lowest Monthly Average for Period 1955 thru 1990 175.58 Mar 1964													

Station: 907-5014 Harbor Beach, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	177.28	177.34	177.35	177.39	177.42	177.46	177.47	177.42	177.36	177.26	177.16	177.11	177.34
1861	177.08	177.10	177.22	177.25	177.38	177.43	177.47	177.54	177.45	177.41	177.34	177.29	177.33
1862	177.23	177.18	177.27	177.32	177.40	177.44	177.41	177.40	177.38	177.35	177.23	177.19	177.32
1863	177.17	177.18	177.18	177.18	177.24	177.27	177.25	177.21	177.16	177.13	177.08	177.10	177.18
1864	177.03	176.99	177.06	177.11	177.13	177.13	177.10	177.04	176.96	176.84	176.79	176.75	177.00
1865	176.68	176.71	176.76	176.91	176.96	176.97	177.10	177.11	177.07	177.00	176.83	176.74	176.90
1866	176.66	176.58	176.60	176.74	176.79	176.88	176.96	176.98	176.93	176.90	176.87	176.79	176.81
1867	176.78	176.80	176.85	176.94	177.01	177.10	177.15	177.13	177.04	176.94	176.80	176.70	176.94
1868	176.65	176.64	176.84	176.81	176.90	176.96	176.97	176.87	176.79	176.72	176.70	176.62	176.79
1869	176.59	176.61	176.53	176.64	176.74	176.90	177.02	177.10	177.06	176.96	176.92	176.83	176.82
1870	176.85	176.88	176.97	177.10	177.20	177.24	177.28	177.25	177.29	177.17	177.05	176.94	177.10
1871	176.99	176.96	177.14	177.20	177.31	177.32	177.33	177.26	177.06	176.85	176.83	176.65	177.08
1872	176.61	176.61	176.55	176.62	176.70	176.81	176.91	176.91	176.88	176.85	176.76	176.56	176.73
1873	176.56	176.57	176.66	176.84	177.01	177.11	177.10	177.13	177.07	177.05	176.98	176.97	176.92
1874	176.96	177.04	177.09	177.06	177.05	177.17	177.14	177.15	177.09	177.01	176.85	176.89	177.04
1875	176.80	176.78	176.80	176.86	176.96	177.06	177.11	177.10	177.12	177.06	177.02	176.94	176.97
1876	176.98	176.97	177.01	177.10	177.28	177.43	177.56	177.55	177.51	177.39	177.34	177.29	177.29
1877	177.20	177.20	177.18	177.20	177.25	177.24	177.29	177.26	177.18	177.14	177.12	177.11	177.20
1878	177.08	177.02	177.08	177.06	177.18	177.23	177.24	177.21	177.12	177.13	177.07	177.01	177.12
1879	176.92	176.84	176.83	176.84	176.88	176.92	176.93	176.89	176.87	176.80	176.76	176.75	176.85
1880	176.77	176.75	176.75	176.75	176.87	177.02	177.12	177.08	177.05	176.94	176.90	176.84	176.90
1881	176.80	176.92	176.92	176.93	177.03	177.08	177.13	177.07	177.02	177.10	177.14	177.09	177.02
1882	177.04	176.97	177.02	177.08	177.14	177.20	177.25	177.27	177.23	177.16	177.10	177.04	177.12
1883	176.98	176.96	176.97	176.98	177.15	177.28	177.42	177.49	177.39	177.29	177.32	177.29	177.21
1884	177.23	177.18	177.20	177.29	177.36	177.38	177.40	177.36	177.26	177.31	177.20	177.12	177.27
1885	177.20	177.18	177.18	177.21	177.33	177.42	177.44	177.48	177.45	177.38	177.32	177.26	177.32
1886	177.26	177.28	177.34	177.43	177.53	177.59	177.51	177.46	177.41	177.37	177.29	177.19	177.39
1887	177.14	177.20	177.26	177.23	177.29	177.33	177.36	177.29	177.18	177.12	176.98	176.89	177.19
1888	176.86	176.83	176.88	176.92	177.06	177.15	177.16	177.17	177.08	176.99	176.94	176.87	176.99
1889	176.83	176.81	176.80	176.78	176.82	176.92	177.00	176.98	176.93	176.82	176.72	176.67	176.84
1890	176.69	176.65	176.64	176.69	176.78	176.91	176.97	176.97	176.89	176.82	176.76	176.68	176.79
1891	176.61	176.58	176.57	176.67	176.74	176.73	176.74	176.70	176.65	176.54	176.44	176.42	176.62
1892	176.43	176.41	176.43	176.46	176.49	176.65	176.74	176.77	176.72	176.65	176.55	176.48	176.56
1893	176.40	176.38	176.41	176.53	176.71	176.82	176.86	176.82	176.73	176.67	176.59	176.53	176.62
1894	176.52	176.52	176.57	176.64	176.76	176.85	176.90	176.82	176.76	176.68	176.63	176.54	176.68
1895	176.46	176.42	176.42	176.45	176.51	176.53	176.52	176.49	176.45	176.36	176.24	176.17	176.42
1896	176.19	176.23	176.20	176.21	176.33	176.44	176.46	176.47	176.42	176.36	176.32	176.28	176.33
1897	176.30	176.28	176.31	176.42	176.60	176.67	176.72	176.73	176.65	176.54	176.49	176.41	176.51
1898	176.37	176.38	176.46	176.60	176.64	176.69	176.72	176.69	176.63	176.54	176.51	176.45	176.56
1899	176.37	176.33	176.38	176.43	176.60	176.71	176.80	176.77	176.71	176.59	176.54	176.49	176.56

Station: 907-5014 Harbor Beach, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	176.42	176.42	176.43	176.46	176.51	176.56	176.64	176.67	176.69	176.67	176.67	176.61	176.56
1901	176.54	176.50	176.49	176.63	176.72	176.74	176.79	176.80	176.73	176.67	176.60	176.50	176.64
1902	176.46	176.41	176.38	176.44	176.51	176.61	176.70	176.72	176.62	176.55	176.52	176.44	176.53
1903	176.38	176.40	176.44	176.55	176.59	176.64	176.69	176.69	176.71	176.72	176.59	176.50	176.58
1904	176.44	176.44	176.49	176.66	176.76	176.90	176.94	176.93	176.88	176.85	176.75	176.62	176.72
1905	176.58	176.56	176.55	176.67	176.75	176.89	176.95	176.94	176.91	176.84	176.75	176.68	176.76
1906	176.63	176.68	176.70	176.75	176.84	176.88	176.91	176.88	176.81	176.74	176.68	176.67	176.76
1907	176.66	176.67	176.67	176.74	176.79	176.89	176.96	176.92	176.90	176.83	176.72	176.65	176.78
1908	176.62	176.60	176.64	176.72	176.85	176.95	177.00	176.97	176.85	176.73	176.60	176.54	176.76
1909	176.43	176.44	176.47	176.51	176.69	176.79	176.81	176.77	176.70	176.58	176.50	176.49	176.60
1910	176.46	176.46	176.46	176.49	176.58	176.63	176.60	176.57	176.54	176.50	176.42	176.33	176.50
1911	176.28	176.27	176.27	176.28	176.36	176.46	176.45	176.42	176.34	176.33	176.30	176.28	176.34
1912	176.26	176.23	176.23	176.30	176.43	176.60	176.59	176.63	176.67	176.63	176.60	176.55	176.48
1913	176.50	176.48	176.49	176.69	176.77	176.81	176.86	176.82	176.73	176.68	176.62	176.58	176.67
1914	176.49	176.50	176.46	176.47	176.55	176.64	176.67	176.64	176.61	176.54	176.45	176.36	176.53
1915	176.29	176.29	176.34	176.30	176.32	176.38	176.42	176.46	176.43	176.39	176.32	176.28	176.35
1916	176.24	176.31	176.29	176.42	176.59	176.73	176.81	176.79	176.73	176.65	176.66	176.64	176.57
1917	176.61	176.59	176.59	176.68	176.79	176.91	177.04	177.04	176.95	176.86	176.81	176.72	176.80
1918	176.68	176.71	176.78	176.87	176.95	177.05	177.04	176.97	176.92	176.81	176.80	176.74	176.86
1919	176.71	176.64	176.65	176.74	176.85	176.87	176.85	176.80	176.70	176.64	176.60	176.54	176.72
1920	176.48	176.44	176.46	176.61	176.65	176.70	176.77	176.74	176.71	176.63	176.54	176.48	176.60
1921	176.44	176.40	176.42	176.52	176.61	176.61	176.59	176.53	176.48	176.42	176.33	176.32	176.47
1922	176.26	176.21	176.26	176.42	176.55	176.62	176.65	176.62	176.55	176.44	176.33	176.22	176.43
1923	176.13	176.10	176.12	176.20	176.32	176.40	176.40	176.37	176.34	176.27	176.17	176.10	176.24
1924	176.04	176.04	176.05	176.10	176.22	176.27	176.32	176.36	176.33	176.21	176.07	175.98	176.17
1925	175.90	175.88	175.93	175.93	175.96	175.98	176.01	175.96	175.90	175.82	175.75	175.74	175.90
1926	175.68	175.66	175.70	175.79	175.88	175.97	176.01	176.00	175.98	175.96	175.92	175.93	175.87
1927	175.91	175.93	175.98	176.07	176.19	176.28	176.33	176.31	176.21	176.20	176.12	176.12	176.14
1928	176.11	176.10	176.16	176.30	176.43	176.48	176.58	176.61	176.60	176.60	176.65	176.65	176.44
1929	176.65	176.61	176.65	176.86	177.07	177.13	177.18	177.13	177.02	176.88	176.83	176.68	176.89
1930	176.64	176.63	176.68	176.69	176.73	176.77	176.84	176.80	176.69	176.56	176.40	176.31	176.65
1931	176.21	176.16	176.15	176.16	176.17	176.18	176.20	176.12	176.03	176.01	175.96	175.93	176.11
1932	175.91	175.93	175.91	175.94	176.00	176.03	176.05	176.01	175.96	175.87	175.83	175.76	175.93
1933	175.72	175.72	175.71	175.81	175.97	176.06	176.06	176.02	175.90	175.82	175.76	175.72	175.86
1934	175.69	175.68	175.67	175.73	175.79	175.82	175.85	175.83	175.80	175.77	175.70	175.77	175.76
1935	175.73	175.74	175.76	175.84	175.89	175.95	176.04	176.03	175.96	175.91	175.88	175.85	175.88
1936	175.83	175.81	175.85	175.92	176.00	176.06	176.04	175.98	176.00	176.00	175.92	175.79	175.93
1937	175.80	175.81	175.85	175.84	175.99	176.04	176.04	176.05	176.01	175.92	175.87	175.80	175.92
1938	175.73	175.84	175.90	176.06	176.14	176.26	176.32	176.36	176.32	176.26	176.19	176.12	176.13
1939	176.06	176.06	176.09	176.14	176.28	176.37	176.44	176.45	176.42	176.35	176.27	176.18	176.26

Station: 907-5014 Harbor Beach, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.09	176.07	176.02	176.03	176.09	176.19	176.24	176.24	176.25	176.18	176.11	176.07	176.13
1941	176.07	176.08	176.06	176.07	176.15	176.17	176.15	176.10	176.08	176.12	176.16	176.14	176.11
1942	176.12	176.14	176.16	176.28	176.36	176.49	176.52	176.49	176.43	176.38	176.34	176.26	176.33
1943	176.25	176.28	176.32	176.43	176.55	176.75	176.88	176.92	176.88	176.79	176.75	176.68	176.62
1944	176.56	176.55	176.51	176.56	176.62	176.68	176.71	176.68	176.64	176.60	176.50	176.46	176.59
1945	176.37	176.32	176.34	176.44	176.54	176.69	176.77	176.74	176.68	176.67	176.61	176.56	176.56
1946	176.56	176.57	176.64	176.69	176.68	176.73	176.76	176.68	176.59	176.49	176.43	176.34	176.60
1947	176.29	176.30	176.28	176.37	176.56	176.70	176.81	176.80	176.77	176.72	176.64	176.57	176.57
1948	176.48	176.42	176.46	176.60	176.72	176.72	176.72	176.68	176.56	176.39	176.30	176.26	176.52
1949	176.19	176.19	176.20	176.26	176.30	176.32	176.37	176.33	176.23	176.13	176.01	175.93	176.21
1950	175.96	175.98	176.01	176.16	176.26	176.33	176.42	176.46	176.45	176.41	176.36	176.34	176.26
1951	176.34	176.34	176.40	176.58	176.75	176.82	176.92	176.94	176.92	176.92	176.94	176.95	176.74
1952	176.94	176.97	176.96	177.10	177.18	177.22	177.26	177.29	177.23	177.08	176.93	176.91	177.09
1953	176.86	176.82	176.82	176.91	176.98	177.05	177.12	177.12	177.04	176.93	176.82	176.74	176.93
1954	176.63	176.59	176.68	176.71	176.83	176.91	176.99	176.96	176.90	176.97	176.95	176.90	176.84
1955	176.83	176.77	176.78	176.82	176.88	176.91	176.88	176.81	176.64	176.54	176.46	176.38	176.72
1956	176.32	176.31	176.32	176.37	176.49	176.57	176.62	176.62	176.56	176.44	176.37	176.31	176.44
1957	176.23	176.19	176.18	176.21	176.28	176.35	176.44	176.39	176.34	176.25	176.19	176.16	176.27
1958	176.17	176.19	176.15	176.15	176.14	176.14	176.15	176.14	176.08	176.00	175.91	175.82	176.09
1959	175.78	175.76	175.79	175.93	176.05	176.13	176.12	176.12	176.10	176.10	176.12	176.11	176.01
1960	176.15	176.18	176.15	176.22	176.48	176.62	176.72	176.76	176.72	176.64	176.55	176.49	176.48
1961	176.38	176.31	176.33	176.36	176.42	176.44	176.46	176.46	176.43	176.38	176.32	176.25	176.38
1962	176.19	176.17	176.19	176.26	176.33	176.37	176.36	176.32	176.28	176.18	176.06	175.96	176.22
1963	175.88	175.86	175.84	175.94	176.01	176.04	176.05	176.05	175.97	175.90	175.82	175.72	175.92
1964	175.63	175.61	175.58	175.58	175.72	175.75	175.77	175.77	175.76	175.71	175.65	175.60	175.68
1965	175.59	175.62	175.66	175.75	175.92	175.99	176.02	176.04	176.05	176.11	176.07	176.09	175.91
1966	176.11	176.08	176.12	176.18	176.26	176.28	176.29	176.24	176.18	176.08	176.00	176.06	176.16
1967	176.05	176.07	176.05	176.22	176.34	176.42	176.50	176.48	176.41	176.33	176.36	176.31	176.30
1968	176.28	176.34	176.26	176.33	176.38	176.46	176.55	176.59	176.58	176.56	176.51	176.47	176.44
1969	176.47	176.50	176.46	176.54	176.68	176.80	176.92	176.95	176.87	176.77	176.73	176.66	176.70
1970	176.58	176.57	176.54	176.56	176.66	176.75	176.79	176.79	176.77	176.71	176.68	176.67	176.67
1971	176.64	176.60	176.69	176.76	176.86	176.92	176.97	176.97	176.90	176.83	176.77	176.75	176.80
1972	176.74	176.67	176.67	176.72	176.88	176.94	176.99	177.04	177.08	177.05	177.00	176.96	176.89
1973	176.97	176.95	176.99	177.10	177.18	177.27	177.30	177.30	177.23	177.14	177.06	176.99	177.12
1974	176.94	176.97	176.99	177.06	177.17	177.26	177.31	177.25	177.16	177.04	176.96	176.90	177.08
1975	176.86	176.85	176.86	176.93	177.04	177.11	177.15	177.10	177.07	176.95	176.84	176.82	176.97
1976	176.76	176.75	176.86	177.02	177.11	177.13	177.16	177.09	176.97	176.82	176.66	176.53	176.90
1977	176.45	176.39	176.43	176.55	176.56	176.56	176.56	176.55	176.52	176.50	176.50	176.48	176.50
1978	176.50	176.46	176.42	176.50	176.59	176.65	176.68	176.68	176.68	176.70	176.61	176.55	176.58
1979	176.52	176.48	176.52	176.70	176.87	176.94	176.98	177.00	176.96	176.86	176.81	176.82	176.79

Station: 907-5014 Harbor Beach, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.78	176.74	176.69	176.77	176.84	176.90	176.93	176.93	176.90	176.83	176.72	176.67	176.81
1981	176.60	176.54	176.61	176.66	176.74	176.78	176.83	176.80	176.82	176.73	176.67	176.59	176.70
1982	176.52	176.46	176.44	176.56	176.60	176.66	176.68	176.70	176.64	176.60	176.59	176.65	176.59
1983	176.67	176.64	176.68	176.75	176.89	177.00	177.02	176.99	176.94	176.86	176.77	176.74	176.83
1984	176.70	176.70	176.73	176.80	176.91	177.00	177.07	177.05	177.01	176.95	176.93	176.88	176.89
1985	176.90	176.87	176.97	177.12	177.23	177.25	177.23	177.18	177.18	177.15	177.17	177.22	177.12
1986	177.15	177.11	177.12	177.23	177.27	177.32	177.39	177.41	177.38	177.49	177.39	177.26	177.29
1987	177.20	177.10	177.06	177.07	177.05	177.08	177.05	176.99	176.90	176.80	176.70	176.68	176.97
1988	176.62	176.62	176.56	176.68	176.70	176.68	176.62	176.58	176.48	176.43	176.40	176.43	176.57
1989	176.37	176.35	176.32	176.40	176.44	176.55	176.58	176.54	176.49	176.34	176.29	176.18	176.40
1990	176.15	176.16	176.19	176.27	176.34	176.43	176.50	176.49	176.46	176.41	176.39	176.39	176.35
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2016													
2017													
2018													
2019													

Station: 907-5014 Harbor Beach, Michigan on Lake Huron

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	176.50	176.49	176.51	176.58	176.68	176.74	176.78	176.77	176.72	176.65	176.59	176.53	176.63
Monthly and Annual Averages for Period 1900 thru 1990													
	176.36	176.35	176.36	176.45	176.54	176.61	176.65	176.63	176.58	176.52	176.45	176.40	176.49
Monthly and Annual Averages for Period 1981 thru 1990													
	176.69	176.65	176.67	176.75	176.82	176.87	176.90	176.87	176.83	176.78	176.73	176.70	176.77
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	177.28	177.34	177.35	177.43	177.53	177.59	177.56	177.55	177.51	177.49	177.39	177.29	177.39
Year	1860	1860	1860	1886	1886	1886	1876	1876	1876	1986	1986	1861	1886
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	175.59	175.61	175.58	175.58	175.72	175.75	175.77	175.77	175.76	175.71	175.65	175.60	175.68
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1860 thru 1990 177.59 Jun 1886													
Lowest Monthly Average for Period 1860 thru 1990 175.58 Mar 1964													

Station: 907-5034 Essexville, Michigan on Lake Huron (Saginaw Bay)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953	176.84	176.79	176.84	176.91	177.00	177.06	177.11	177.11	176.99	176.94	176.78	176.65	176.92
1954	176.60	176.58	176.64	176.70	176.80	176.91	176.97	176.96	176.88	176.96	176.92	176.88	176.82
1955	176.81	176.76	176.75	176.82	176.87	176.91	176.89	176.80	176.64	176.51	176.38	176.34	176.71
1956	176.32	176.29	176.33	176.38	176.51	176.56	176.65	176.62	176.55	176.43	176.28	176.26	176.43
1957	176.20	176.17	176.18	176.22	176.33	176.33	176.45	176.40	176.30	176.26	176.12	176.14	176.26
1958	176.16	176.16	176.17	176.18	176.15	176.13	176.15	176.11	176.06	175.96	175.84	175.81	176.08
1959	175.76	175.73	175.78	175.89	176.04	176.12	176.11	176.11	176.09	176.10	176.06	176.10	175.99
1960	176.10	176.15	176.12	176.25	176.46	176.62	176.73	176.76	176.73	176.61	176.46	176.43	176.45
1961	176.36	176.30	176.31	176.38	176.43	176.44	176.46	176.45	176.40	176.37	176.30	176.20	176.37
1962	176.17	176.15	176.16	176.20	176.33	176.38	176.33	176.28	176.21	176.16	176.04	175.93	176.20
1963	175.79	175.73	175.72	175.80	176.02	176.05	176.06	176.05	175.99	175.88	175.78	175.67	175.88
1964	175.57	175.50	175.55	175.59	175.72	175.74	175.78	175.75	175.73	175.66	175.59	175.59	175.65
1965	175.58	175.60	175.59	175.68	175.91	176.01	176.03	176.03	176.04	176.07	176.00	176.07	175.88
1966	176.08	176.06	176.09	176.21	176.26	176.28	176.30	176.23	176.18	176.00	176.00	176.02	176.14
1967	176.03	176.04	175.99	176.24	176.35	176.44	176.50	176.49	176.42	176.28	176.30	176.27	176.28
1968	176.27	176.32	176.26	176.28	176.40	176.46	176.53	176.57	176.54	176.51	176.50	176.42	176.42
1969	176.45	176.49	176.45	176.57	176.68	176.79	176.92	176.92	176.86	176.72	176.68	176.63	176.68
1970	176.61	176.54	176.54	176.56	176.66	176.76	176.78	176.78	176.73	176.69	176.66	176.65	176.66
1971	176.64	176.62	176.63	176.74	176.84	176.94	176.95	176.96	176.89	176.81	176.71	176.69	176.78
1972	176.66			176.71	176.87	176.92	176.98	177.04	177.06	177.01	177.00	176.93	176.92
1973	176.94	176.94	177.02	177.14	177.19	177.26	177.29	177.29	177.22	177.13	177.02	176.99	177.12
1974	176.92	176.98	176.98	177.07	177.18	177.26	177.33	177.24	177.13	177.00	176.93	176.88	177.08
1975	176.80	176.82	176.86	176.93	177.05	177.11	177.13	177.11	177.07	176.94	176.80	176.79	176.95
1976	176.73	176.75	176.83	177.05	177.12	177.14	177.15	177.09	176.95	176.80	176.59		176.93
1977			176.45	176.56	176.59	176.57	176.55	176.53	176.51	176.49	176.47	176.45	176.52
1978	176.48		176.44	176.52	176.61	176.66	176.69	176.67	176.70	176.66	176.58	176.58	176.60
1979													

Station Relocated

Station: 907-5034 Essexville, Michigan on Lake Huron (Saginaw Bay)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1953 thru 1978													
	176.36	176.33	176.35	176.44	176.55	176.61	176.65	176.63	176.57	176.50	176.41	176.38	176.49
Monthly and Annual Averages for Period 1969 thru 1978													
	176.69	176.73	176.69	176.78	176.88	176.94	176.98	176.96	176.91	176.83	176.74	176.73	176.82
Highest Monthly and Annual Average for Period 1953 thru 1978													
Level	176.94	176.98	177.02	177.14	177.19	177.26	177.33	177.29	177.22	177.13	177.02	176.99	177.12
Year	1973	1974	1973	1973	1973	1973	1974	1973	1973	1973	1973	1973	1973
Lowest Monthly and Annual Average for Period 1953 thru 1978													
Level	175.57	175.50	175.55	175.59	175.72	175.74	175.78	175.75	175.73	175.66	175.59	175.59	175.65
Year	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1953 thru 1978 177.33 Jul 1974													
Lowest Monthly Average for Period 1953 thru 1978 175.50 Feb 1964													

Station: 907-5035 Essexville, Michigan on Lake Huron (Saginaw Bay)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
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1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977								176.52	176.51	176.50	176.47	176.45	176.49
1978	176.51	176.45	176.43	176.53	176.61	176.66	176.69	176.67	176.71	176.67	176.58	176.48	176.58
1979	176.50	176.48	176.53	176.72	176.91	176.95	176.99	177.01	176.96	176.85	176.75	176.78	176.79

Station: 907-5035 Essexville, Michigan on Lake Huron (Saginaw Bay)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.74	176.72	176.69	176.80	176.85	176.92	176.93	176.92	176.88	176.80	176.70	176.66	176.80
1981	176.58	176.54	176.62	176.66	176.80	176.78	176.86	176.81	176.84	176.73	176.68	176.56	176.70
1982	176.49	176.45	176.45	176.55	176.64	176.68	176.68	176.70	176.65	176.57	176.55	176.60	176.58
1983	176.66	176.65	176.74	176.78	176.91	177.02	177.01	177.00	176.89	176.87	176.77	176.70	176.83
1984	176.68	176.71	176.74	176.83	176.92	176.99	177.05	177.05	176.99	176.95	176.90	176.83	176.89
1985	176.89	176.85	177.03	177.12	177.25	177.26	177.23	177.19	177.18	177.13	177.18	177.15	177.12
1986	177.12	177.10	177.11	177.25	177.31	177.33	177.38	177.40	177.37	177.48	177.33	177.21	177.28
1987	177.18	177.11	177.08	177.12	177.08	177.08	177.05	176.99	176.90	176.76	176.69	176.65	176.97
1988	176.58	176.60	176.56	176.70	176.72	176.70	176.62	176.57	176.47	176.39	176.35	176.38	176.56
1989	176.34	176.33	176.33	176.41	176.46	176.57	176.61	176.54	176.48	176.35	176.23	176.17	176.40
1990	176.13	176.16	176.18	176.27	176.36	176.42	176.52	176.50	176.45	176.40	176.36	176.35	176.34
1991													
1992													
1993													
1994													
1995													
1996													
1997													
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2015													
2016													
2017													
2018													
2019													

Station: 907-5035 Essexville, Michigan on Lake Huron (Saginaw Bay)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1977 thru 1990													
	176.64	176.63	176.65	176.75	176.83	176.87	176.89	176.85	176.81	176.75	176.68	176.64	176.74
Monthly and Annual Averages for Period 1981 thru 1990													
	176.66	176.65	176.68	176.77	176.85	176.88	176.90	176.88	176.82	176.76	176.70	176.66	176.77
Highest Monthly and Annual Average for Period 1977 thru 1990													
Level	177.18	177.11	177.11	177.25	177.31	177.33	177.38	177.40	177.37	177.48	177.33	177.21	177.28
Year	1987	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1977 thru 1990													
Level	176.13	176.16	176.18	176.27	176.36	176.42	176.52	176.50	176.45	176.35	176.23	176.17	176.34
Year	1990	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1990
Highest Monthly Average for Period 1977 thru 1990 177.48 Oct 1986													
Lowest Monthly Average for Period 1977 thru 1990 176.13 Jan 1990													

Station: 907-5059 Harrisville, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961										176.40	176.34		176.37
1962						176.38	176.38	176.33	176.28	176.19	176.07		176.27
1963	175.90	175.86	175.85	175.94	176.02	176.06	176.06	176.05	175.97	175.91	175.81	175.72	175.93
1964	175.63	175.60	175.58	175.59	175.74	175.76	175.77	175.78	175.77	175.71	175.66	175.62	175.68
1965	175.60	175.62	175.66	175.75	175.93	176.00	176.04	176.04	176.06	176.10	176.08	176.10	175.91
1966	176.11	176.08	176.12	176.20	176.26	176.29	176.28	176.24	176.18	176.09	176.02	176.07	176.16
1967	176.06	176.08	176.06	176.22	176.33	176.43	176.53	176.49	176.42	176.34	176.35	176.31	176.30
1968	176.28	176.33	176.29	176.36	176.37	176.46	176.56	176.59	176.59	176.58	176.52	176.49	176.45
1969	176.50	176.50	176.46	176.53	176.68	176.80	176.94	176.96	176.87	176.78	176.73	176.64	176.70
1970	176.59	176.59	176.58	176.57	176.68	176.74	176.81	176.81	176.78	176.72	176.70	176.69	176.69
1971	176.64	176.61	176.70	176.75	176.86	176.94	176.97	176.96	176.91	176.84	176.77	176.72	176.81
1972	176.75	176.67	176.66	176.71	176.88	176.92	176.99	177.04	177.08	177.04	177.00	176.94	176.89
1973	176.96	176.94	176.95				177.27	177.29	177.21	177.13	177.05	176.98	177.09
1974	176.94	176.96	176.98	177.06	177.18	177.26	177.31	177.26	177.15	177.03	176.97	176.91	177.08
1975	176.87	176.86	176.86	176.92	177.04	177.12	177.15	177.09	177.08	176.98	176.86	176.82	176.97
1976	176.76	176.75	176.86	177.02	177.12	177.14	177.16	177.08	176.98	176.81	176.66	176.54	176.90
1977	176.44	176.39	176.42	176.56	176.56	176.55	176.55	176.55	176.51	176.50	176.48		176.50
1978	176.48	176.46	176.42	176.49	176.59	176.66	176.68	176.69	176.69	176.70	176.61	176.54	176.58
1979	176.51	176.47	176.52	176.69	176.87	176.93	176.98	177.00	176.96	176.86	176.82	176.82	176.79

Station: 907-5059 Harrisville, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.78	176.72	176.68	176.72	176.84	176.90	176.92	176.92	176.90	176.83	176.71	176.65	176.80
1981	176.59	176.56	176.61	176.66	176.74	176.79	176.83	176.80	176.80	176.72	176.66	176.58	176.70
1982	176.51	176.45	176.44	176.56	176.58	176.65	176.68	176.70	176.64	176.60	176.59	176.66	176.59
1983	176.67	176.64	176.66	176.75	176.89	177.00	177.02	176.98	176.93	176.86	176.76	176.74	176.83
1984	176.70	176.69	176.72	176.79	176.91	176.99		177.04	177.01	176.95	176.93	176.88	176.87
1985	176.89	176.86	176.96	177.12	177.23	177.26	177.23	177.18	177.18	177.15	177.17	177.21	177.12
1986	177.14	177.10	177.12	177.22	177.26	177.33	177.39	177.41	177.38	177.49	177.38	177.26	177.29
1987	177.18	177.10	177.04	177.06	177.04							176.68	177.02
1988	176.63	176.61	176.56	176.67	176.70	176.67	176.62	176.58	176.48	176.42	176.41	176.42	176.56
1989	176.36	176.33	176.30	176.39	176.43	176.54	176.57	176.54	176.47	176.33	176.28	176.17	176.39
1990	176.15	176.15	176.18	176.26	176.33	176.43	176.50	176.48	176.45	176.40	176.39	176.39	176.34
1991													
1992													
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2015													
2016													
2017													
2018													
2019													

Station: 907-5059 Harrisville, Michigan on Lake Huron

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1961 thru 1990

	176.52	176.50	176.51	176.58	176.67	176.70	176.75	176.74	176.70	176.64	176.58	176.58	176.62
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Monthly and Annual Averages for Period 1981 thru 1990

	176.68	176.65	176.66	176.75	176.81	176.85	176.86	176.86	176.82	176.77	176.73	176.70	176.77
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Highest Monthly and Annual Average for Period 1961 thru 1990

Level	177.18	177.10	177.12	177.22	177.26	177.33	177.39	177.41	177.38	177.49	177.38	177.26	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1961 thru 1990

Level	175.60	175.60	175.58	175.59	175.74	175.76	175.77	175.78	175.77	175.71	175.66	175.62	175.68
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964

Highest Monthly Average for Period 1961 thru 1990 177.49 Oct 1986

Lowest Monthly Average for Period 1961 thru 1990 175.58 Mar 1964

Station: 907-5080 Mackinaw City, Michigan on Straits of Mackinac

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg				
1860																	
1861																	
1862																	
1863																	
1864																	
1865																	
1866																	
1867																	
1868																	
1869																	
1870																	
1871																	
1872																	
1873																	
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1888																	
1889																	
1890																	
1891																	
1892																	
1893																	
1894																	
1895																	
1896																	
1897																	
1898																	
1899									176.69	176.80	176.88	176.84	176.77	176.66	176.64	176.56	176.73

Station: 907-5080 Mackinaw City, Michigan on Straits of Mackinac

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	176.50	176.46	176.50	176.53	176.61	176.66	176.73	176.78	176.79	176.77	176.71	176.66	176.64
1901	176.57	176.53	176.55	176.66	176.78	176.84	176.87	176.87	176.81	176.74	176.63	176.56	176.70
1902	176.50	176.45	176.46	176.51	176.58	176.68	176.77	176.76	176.70	176.63	176.60	176.48	176.59
1903	176.45	176.48	176.54	176.60	176.68	176.70	176.74	176.74	176.79	176.77	176.65	176.55	176.64
1904	176.50	176.48	176.56	176.69	176.84	176.99	177.02	177.00	176.96	176.92	176.81	176.68	176.79
1905	176.62	176.62	176.64	176.72	176.84	176.94	177.01	177.01	176.99	176.90	176.81	176.75	176.82
1906	176.73	176.74	176.78	176.83	176.90	176.96	176.98	176.94	176.85	176.78	176.74	176.71	176.83
1907	176.73	176.72	176.73	176.78	176.85	176.96	176.99	176.98	176.96	176.86	176.78	176.71	176.84
1908	176.66	176.64	176.72	176.78	176.92	177.03	177.07	177.02	176.93	176.81	176.66	176.58	176.82
1909	176.48	176.48	176.51	176.57	176.76	176.84	176.84	176.82	176.74	176.65	176.56	176.53	176.65
1910	176.52	176.51	176.51	176.55	176.63	176.67	176.64	176.62	176.60	176.54	176.44	176.38	176.55
1911	176.33	176.34	176.32	176.35	176.45	176.53	176.53	176.49	176.41	176.40	176.36	176.35	176.40
1912	176.31	176.29	176.28	176.34	176.50	176.67	176.69	176.70	176.74	176.74	176.65	176.64	176.54
1913	176.57	176.56		176.83	176.90	176.92	176.89	176.81	176.81	176.73	176.66	176.62	176.75
1914	176.53	176.52	176.49	176.52	176.62	176.68	176.74	176.71	176.70	176.65	176.53	176.38	176.59
1915	176.36	176.34	176.33	176.34	176.36	176.45	176.49	176.52	176.50	176.48	176.38	176.34	176.41
1916	176.31	176.33		176.48	176.66	176.80	176.86	176.84	176.78	176.74	176.70	176.72	176.66
1917	176.64		176.64	176.71	176.81	177.01	177.12	177.11	177.02	176.92	176.85	176.78	176.87
1918	176.76	176.79	176.83	176.90	177.03	177.10	177.10	177.05	176.96	176.86	176.86	176.81	176.92
1919	176.77	176.70	176.69	176.78	176.90	176.96	176.90	176.85	176.74	176.69	176.64	176.55	176.76
1920	176.49	176.47	176.53	176.64	176.71	176.77	176.82	176.79	176.76	176.68	176.63	176.55	176.65
1921	176.48	176.49	176.48	176.57	176.66	176.68	176.64	176.58	176.55	176.47	176.37	176.34	176.53
1922	176.31	176.27	176.30	176.46	176.61	176.68	176.72	176.66	176.59	176.49	176.40	176.30	176.48
1923	176.20	176.16	176.17	176.24	176.36	176.46	176.47	176.42	176.38	176.31	176.23	176.14	176.30
1924	176.09	176.06	176.05	176.14	176.27	176.32	176.36	176.42	176.36	176.28	176.19	176.09	176.22
1925	175.97	175.93	175.95	175.97	176.01	176.04	176.06	176.02	175.95	175.86	175.80	175.74	175.94
1926	175.68	175.64	175.64			176.04	176.08	176.08	176.07	176.02	175.98	176.00	175.92
1927	175.96	176.00	176.03	176.12	176.23	176.34	176.37	176.33	176.26	176.25	176.19	176.16	176.19
1928	176.14	176.14	176.18	176.34	176.48	176.54	176.64	176.66	176.65	176.66	176.68	176.70	176.49
1929	176.68	176.64	176.66	176.86	177.08	177.22	177.24	177.18	177.09	176.90	176.87	176.70	176.93
1930	176.70	176.70	176.66	176.72	176.79	176.84	176.88	176.84	176.75	176.62	176.48	176.36	176.70
1931	176.26	176.17	176.13	176.18	176.23	176.24	176.25	176.16	176.10	176.07	176.02	175.97	176.15
1932	175.99	175.96	175.92	175.95	176.04	176.06	176.07	176.04	175.98	175.89	175.89	175.83	175.97
1933	175.80	175.78	175.73	175.85	176.01	176.10	176.10	176.04	175.94	175.87	175.79	175.74	175.90
1934	175.74	175.68	175.69	175.77	175.84	175.86	175.88	175.85	175.85	175.80	175.76	175.80	175.79
1935	175.78	175.75	175.81	175.86	175.92	176.00	176.09	176.08	175.99	175.94	175.92	175.86	175.92
1936	175.85	175.83	175.86	175.92	176.04	176.09	176.07	176.02	176.05	176.01	175.93	175.85	175.96
1937	175.86	175.85	175.83	175.87	176.00	176.06	176.08	176.06	176.02	175.94	175.89	175.82	175.94
1938	175.78	175.86	175.94	176.09	176.18	176.31	176.36	176.39	176.35	176.31	176.25	176.17	176.17
1939	176.10	176.11	176.12	176.17	176.31	176.42	176.47	176.49	176.46	176.38	176.29	176.20	176.29

Station: 907-5080 Mackinaw City, Michigan on Straits of Mackinac

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.12	176.06	176.02	176.04	176.14	176.22	176.27	176.29	176.27	176.21	176.15	176.10	176.16
1941	176.09	176.08	176.06	176.11	176.19	176.20	176.18	176.12	176.13	176.15	176.20	176.18	176.14
1942	176.16	176.12	176.18	176.31	176.40	176.52	176.55	176.52	176.48	176.42	176.36	176.27	176.36
1943	176.27	176.29	176.36	176.43	176.60	176.79	176.90	176.93	176.91	176.80	176.77	176.69	176.65
1944	176.60	176.55	176.56	176.57	176.66	176.71	176.74	176.70	176.66	176.62	176.54	176.47	176.62
1945	176.37	176.35	176.39	176.48	176.56	176.73	176.80	176.75	176.71	176.68	176.66	176.60	176.59
1946	176.60	176.59	176.66	176.71	176.71	176.77	176.78	176.70	176.62	176.52	176.45	176.34	176.62
1947	176.31	176.29	176.24	176.41	176.58	176.74	176.82	176.84	176.80	176.74	176.68	176.57	176.59
1948	176.50	176.43	176.48	176.63	176.71	176.74	176.74	176.68	176.58	176.42	176.36	176.30	176.55
1949	176.22	176.22	176.20	176.27	176.33	176.36	176.40	176.35	176.26	176.18	176.05	175.98	176.23
1950	175.99	175.99	176.02	176.18	176.29	176.37	176.45	176.46	176.45	176.43	176.38	176.38	176.28
1951	176.37	176.37	176.43	176.60	176.78	176.84	176.95	176.95	176.96	176.96	176.98	176.98	176.76
1952	176.98	176.98	176.97	177.10	177.19	177.24	177.30	177.31	177.26	177.09	176.97	176.95	177.11
1953	176.87	176.85	176.85	176.93	177.02	177.10	177.14	177.13	177.05	176.95	176.84	176.78	176.96
1954	176.65	176.62	176.64	176.73	176.85	176.94	176.98	176.95	176.93	176.99	176.98	176.90	176.85
1955	176.86	176.79	176.78	176.83	176.90	176.92	176.90	176.82	176.68	176.57	176.50	176.41	176.75
1956	176.32	176.32	176.33	176.39	176.53	176.59	176.64	176.64	176.59	176.49	176.40	176.31	176.46
1957	176.24	176.20	176.18	176.22	176.30	176.36	176.45	176.39	176.34	176.24	176.24	176.18	176.28
1958	176.17	176.13	176.13	176.15	176.14	176.15	176.18	176.13	176.10	176.01	175.95	175.84	176.09
1959	175.75	175.76	175.81	175.95	176.09	176.14	176.15	176.14	176.14	176.12	176.16	176.15	176.03
1960	176.18	176.18	176.16	176.27	176.54	176.69	176.77	176.82	176.79	176.68	176.63	176.52	176.52
1961	176.40	176.33	176.35	176.38	176.44	176.47	176.49	176.46	176.47	176.41	176.34	176.28	176.40
1962	176.21	176.18	176.20	176.27	176.36	176.37	176.37	176.34	176.27	176.19	176.08	176.00	176.24
1963	175.90	175.86	175.86	175.94	176.04	176.07	176.06	176.05	176.00	175.93	175.82	175.73	175.94
1964	175.66	175.61	175.58	175.63	175.76	175.77	175.79	175.80	175.79	175.72	175.68	175.64	175.70
1965	175.61	175.64	175.68	175.78	175.96	176.02	176.06	176.06	176.08	176.12	176.09	176.12	175.93
1966	176.10	176.09	176.14	176.21	176.27	176.32	176.31	176.25	176.17	176.11	176.03	176.10	176.18
1967	176.10	176.08	176.08	176.24	176.36	176.48	176.53	176.50	176.41	176.36	176.36	176.35	176.32
1968	176.31	176.31	176.29	176.37	176.41	176.48	176.57	176.60	176.64	176.60	176.51	176.49	176.46
1969	176.48	176.46	176.44	176.54	176.70	176.82	176.93	176.96	176.83	176.78	176.72	176.63	176.69
1970	176.59	176.56	176.53	176.58	176.69	176.76	176.81	176.79	176.79	176.75	176.71	176.68	176.69
1971	176.63		176.68	176.78	176.87	176.94	176.98	176.96	176.91	176.86	176.78	176.76	176.83
1972	176.75	176.65	176.64	176.70	176.87	176.93	177.00	177.05	177.08	177.04	177.01	176.96	176.89
1973	176.98	176.92	176.98	177.10	177.20	177.30	177.30	177.30	177.21	177.09	177.04	176.99	177.12
1974	176.95	176.94	176.98	177.07	177.18	177.28	177.32	177.27	177.15	177.04	176.98	176.92	177.09
1975	176.90	176.85	176.86	176.90	177.05	177.14	177.15	177.09	177.04	176.93	176.87	176.82	176.97
1976	176.76	176.74	176.87	177.00	177.10	177.15	177.14	177.08	176.94	176.79	176.64	176.50	176.89
1977	176.41	176.38	176.43	176.55	176.57	176.55	176.57	176.55	176.54	176.51	176.51	176.52	176.51
1978	176.45	176.44	176.42	176.50	176.61	176.68	176.70	176.70	176.72	176.71	176.64	176.55	176.59
1979	176.49	176.46	176.53	176.69	176.88	176.94	176.98	177.00	176.96	176.87	176.83	176.81	176.79

Station: 907-5080 Mackinaw City, Michigan on Straits of Mackinac

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.78	176.71	176.66	176.76	176.83	176.89	176.92	176.93	176.91	176.82	176.72	176.65	176.80
1981	176.58	176.57	176.58	176.67	176.74	176.80	176.82	176.80	176.78	176.73	176.66	176.59	176.69
1982	176.50	176.45	176.44	176.54	176.61	176.65	176.70	176.69	176.66	176.63	176.62	176.68	176.60
1983	176.66	176.65	176.65	176.75	176.88	177.01	177.02	176.98	176.93	176.87	176.77	176.75	176.83
1984	176.70	176.69	176.69	176.79	176.91	177.01	177.06	177.04	177.02	176.96	176.93	176.88	176.89
1985	176.86	176.85	176.96	177.13	177.23	177.25	177.22	177.19	177.20	177.16	177.18	177.20	177.12
1986	177.12	177.08	177.11	177.22	177.25	177.32	177.38	177.38	177.37	177.48	177.38	177.26	177.28
1987	177.16	177.07	177.03	177.05	177.05	177.06	177.03	176.99	176.89	176.78	176.70	176.68	176.96
1988	176.63	176.59	176.56	176.65	176.70	176.67	176.61	176.58	176.48	176.42	176.44	176.42	176.56
1989	176.38	176.31	176.30	176.40	176.43	176.55	176.56	176.53	176.46	176.32	176.26	176.17	176.39
1990	176.15	176.14	176.18	176.25	176.33	176.44	176.50	176.48	176.44	176.40	176.39	176.38	176.34
1991													
1992													
1993													
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Station: 907-5080 Mackinaw City, Michigan on Straits of Mackinac

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1899 thru 1990													
	176.39	176.36	176.38	176.47	176.58	176.65	176.68	176.66	176.61	176.55	176.49	176.44	176.52
Monthly and Annual Averages for Period 1900 thru 1990													
	176.39	176.36	176.38	176.47	176.58	176.65	176.68	176.66	176.61	176.55	176.49	176.43	176.52
Monthly and Annual Averages for Period 1981 thru 1990													
	176.68	176.64	176.65	176.74	176.81	176.88	176.89	176.87	176.82	176.78	176.73	176.70	176.77
Highest Monthly and Annual Average for Period 1899 thru 1990													
Level	177.16	177.08	177.11	177.22	177.25	177.32	177.38	177.38	177.37	177.48	177.38	177.26	177.28
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1899 thru 1990													
Level	175.61	175.61	175.58	175.63	175.76	175.77	175.79	175.80	175.79	175.72	175.68	175.64	175.70
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1899 thru 1990 177.48 Oct 1986													
Lowest Monthly Average for Period 1899 thru 1990 175.58 Mar 1964													

Station: 907-5098 De Tour, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
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1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896									176.53				176.53
1897													
1898													
1899						176.85							176.85

Station: 907-5098 De Tour, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901							176.92	176.92	176.85	176.80			176.87
1902	176.56	176.49	176.49	176.55	176.63	176.72	176.83	176.82		176.68	176.66	176.56	176.64
1903			176.56	176.68									176.62
1904													
1905													
1906													
1907													
1908													
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1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934						175.89	175.91	175.88	175.88	175.84			175.88
1935					175.96	176.04	176.12	176.11	176.03	175.98			176.04
1936					176.08	176.12	176.10	176.05	176.09	176.04			176.08
1937													
1938													
1939													

Station: 907-5098 De Tour, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944							176.77	176.73	176.69	176.65	176.57		176.68
1945				176.50	176.60	176.76	176.83	176.78	176.74	176.72	176.70		176.70
1946					176.73		176.81	176.74	176.66	176.55	176.50		176.66
1947					176.61	176.77	176.85	176.86	176.82	176.79	176.71		176.78
1948					176.75	176.76	176.79	176.71	176.59	176.42	176.41		176.63
1949					176.37	176.39	176.43	176.38					176.39
1950					176.33					176.45	176.39	176.41	176.40
1951	176.39	176.39	176.46	176.62	176.79	176.87	176.96	176.97	176.98	176.98	177.01	177.01	176.78
1952	177.01	177.01	176.98	177.12	177.22	177.28	177.33	177.34	177.29	177.12	177.00	176.98	177.14
1953	176.89	176.88	176.88	176.95	177.04	177.12	177.16	177.15	177.07	176.97	176.86	176.80	176.98
1954	176.66	176.65	176.67	176.76	176.87	176.95	177.01	176.98	176.93	177.02	177.01	176.93	176.87
1955	176.88	176.81	176.80	176.84	176.93	176.95	176.92	176.84	176.68	176.59	176.52	176.43	176.76
1956	176.34	176.36	176.36	176.40	176.54	176.61	176.66	176.65	176.60	176.50	176.41	176.34	176.48
1957	176.28	176.24	176.20	176.23	176.31	176.38	176.47	176.41	176.36	176.25	176.25	176.20	176.30
1958	176.19	176.15	176.16	176.16	176.17	176.17	176.20	176.15	176.12	176.03	175.96	175.87	176.11
1959	175.79	175.80	175.84	175.97	176.11	176.16	176.16	176.16	176.15	176.13	176.15	176.14	176.05
1960	176.18	176.17	176.16	176.26	176.50	176.66	176.75	176.80	176.74	176.66	176.61	176.52	176.50
1961	176.40	176.34	176.35	176.38	176.44	176.47	176.49	176.47	176.47	176.42	176.35	176.29	176.41
1962	176.24	176.20	176.22	176.28	176.37	176.40	176.38	176.34	176.28	176.20	176.09	176.02	176.25
1963	175.93	175.88	175.88	175.96	176.04	176.08	176.07	176.06	176.00	175.94	175.83	175.74	175.95
1964	175.68	175.64	175.58	175.62	175.76	175.79	175.80	175.80	175.79	175.74	175.69	175.64	175.71
1965	175.61	175.63	175.66	175.76	175.96	176.03	176.05	176.06	176.09	176.12	176.10	176.12	175.93
1966	176.12	176.11	176.16	176.22	176.28	176.33	176.30	176.26	176.18	176.12	176.02	176.12	176.18
1967					176.36	176.45	176.53	176.49	176.41	176.36	176.35	176.34	176.41
1968	176.29	176.30	176.28	176.37	176.41	176.48	176.58	176.60	176.63	176.61	176.51	176.48	176.46
1969	176.48	176.46	176.44	176.54	176.71	176.84	176.95	176.98	176.87	176.80	176.75	176.65	176.71
1970	176.61	176.58			176.68	176.78	176.83	176.82	176.80	176.75	176.70	176.67	176.72
1971	176.64	176.63	176.67	176.76	176.87	176.95	176.99	176.98	176.93	176.87	176.80	176.77	176.82
1972	176.77	176.64	176.66	176.72	176.89	176.95	177.01	177.07	177.10	177.04	177.01	176.94	176.90
1973				177.10	177.21	177.31	177.31	177.31	177.22	177.15	177.05	176.99	177.18
1974	176.96	176.94		177.08	177.19	177.29	177.33	177.27	177.16	177.05	176.98	176.92	177.11
1975	176.91	176.87	176.86	176.98	177.06	177.15	177.17	177.11	177.08	176.98	176.87	176.84	176.99
1976	176.78	176.76	176.87	177.02	177.13	177.17	177.16	177.08	176.95	176.80	176.64	176.49	176.90
1977	176.42	176.40	176.43	176.57	176.57	176.56	176.58	176.57	176.61	176.52	176.52	176.51	176.52
1978	176.48			176.51	176.65	176.67	176.69	176.70	176.71	176.71	176.63	176.57	176.63
1979				176.75	176.88	176.94							176.86

Station: 907-5098 De Tour, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980													
1981													
1982													
1983						177.01	177.02	176.98	176.94				176.99
1984						<i>Station Closed</i>							
1985													
1986													
1987													
1988													
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2017													
2018													
2019													

Station: 907-5098 De Tour, Michigan on Lake Huron

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1896 thru 1983													
	176.43	176.40	176.38	176.52	176.58	176.64	176.68	176.66	176.62	176.55	176.53	176.48	176.56
Monthly and Annual Averages for Period 1900 thru 1983													
	176.43	176.40	176.38	176.52	176.58	176.64	176.68	176.66	176.62	176.55	176.53	176.48	176.56
Monthly and Annual Averages for Period 1974 thru 1983													
	176.71	176.74	176.72	176.82	176.91	176.97	176.99	176.95	176.91	176.81	176.73	176.66	176.86
Highest Monthly and Annual Average for Period 1896 thru 1983													
Level	177.01	177.01	176.98	177.12	177.22	177.31	177.33	177.34	177.29	177.15	177.05	177.01	177.18
Year	1952	1952	1952	1952	1952	1973	1974	1952	1952	1973	1973	1951	1973
Lowest Monthly and Annual Average for Period 1896 thru 1983													
Level	175.61	175.63	175.58	175.62	175.76	175.79	175.80	175.80	175.79	175.74	175.69	175.64	175.71
Year	1965	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1896 thru 1983 177.34 Aug 1952													
Lowest Monthly Average for Period 1896 thru 1983 175.58 Mar 1964													

Station: 907-5099 De Tour Village, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
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1974													
1975													
1976													
1977											176.53	176.51	176.52
1978	176.47	176.46	176.44	176.50	176.60	176.67	176.69	176.69	176.70	176.71	176.63	176.56	176.59
1979	176.50	176.47	176.53	176.70	176.88	176.95	176.99	177.00	176.97	176.87	176.84	176.82	176.79

Station: 907-5099 De Tour Village, Michigan on Lake Huron

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.79	176.72	176.67	176.76	176.84	176.90	176.93	176.94	176.91	176.82	176.72	176.65	176.80
1981	176.58	176.58	176.60	176.67	176.74	176.81	176.82	176.81	176.78	176.72	176.65	176.59	176.70
1982	176.51	176.46	176.44	176.55	176.60	176.65	176.70	176.69	176.65	176.62	176.61	176.68	176.60
1983	176.66	176.65	176.64	176.75	176.89	177.02	177.03	176.99	176.94	176.87	176.75	176.75	176.83
1984	176.71	176.69	176.69	176.78	176.91	177.01	177.06	177.05	177.03	176.96	176.94	176.89	176.89
1985	176.87	176.86	176.96	177.13	177.24	177.26	177.23	177.20	177.20	177.17	177.18	177.22	177.13
1986	177.13	177.09	177.12	177.22	177.26	177.32	177.39	177.38	177.37	177.49	177.39	177.27	177.29
1987	177.17	177.07	177.02	177.05	177.05	177.07	177.03	176.98	176.89	176.79	176.69	176.67	176.96
1988	176.64	176.59	176.55	176.65	176.69	176.66	176.60	176.57	176.47	176.41	176.43	176.43	176.56
1989	176.39	176.32	176.30	176.40	176.43	176.54	176.56	176.52	176.46	176.32	176.26	176.16	176.39
1990	176.16	176.14	176.18	176.25	176.32	176.43	176.49	176.47	176.43	176.40	176.39	176.38	176.34
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 907-5099 De Tour Village, Michigan on Lake Huron

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1977 thru 1990													
	176.66	176.62	176.63	176.72	176.80	176.87	176.89	176.87	176.83	176.78	176.71	176.69	176.74
Monthly and Annual Averages for Period 1981 thru 1990													
	176.68	176.64	176.65	176.74	176.81	176.88	176.89	176.87	176.82	176.78	176.73	176.71	176.77
Highest Monthly and Annual Average for Period 1977 thru 1990													
Level	177.17	177.09	177.12	177.22	177.26	177.32	177.39	177.38	177.37	177.49	177.39	177.27	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1977 thru 1990													
Level	176.16	176.14	176.18	176.25	176.32	176.43	176.49	176.47	176.43	176.32	176.26	176.16	176.34
Year	1990	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1990
Highest Monthly Average for Period 1977 thru 1990 177.49 Oct 1986													
Lowest Monthly Average for Period 1977 thru 1990 176.14 Feb 1990													

Station: 907-6050 Frechette Point, Michigan on the St. Marys River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969	176.99	176.98	176.98	176.99	177.11	177.22	177.32	177.37	177.22	177.01	176.96	176.87	177.09
1970	176.93	177.04	176.89	176.82	176.87	176.98	177.01	177.13	177.02	176.95	176.96	177.02	176.97
1971	177.14	177.15	177.16	177.20	177.21	177.30	177.34	177.30	177.29	177.27	177.20	177.11	177.22
1972	177.18	177.08	177.10	177.13	177.22	177.27	177.33	177.39	177.44	177.36	177.36	177.22	177.26
1973	177.30	177.16	177.14	177.19	177.30	177.40	177.47	177.57	177.57	177.38	177.22	177.22	177.33
1974	177.25	177.26	177.29	177.29	177.31	177.47	177.47	177.44	177.31	177.21	177.20	177.17	177.31
1975	177.24	177.32	177.35	177.36	177.31	177.35	177.32	177.29	177.24	177.12	177.03	177.01	177.24
1976	177.05	177.10	177.23	177.20	177.26	177.30	177.30	177.24	177.09	176.94	176.77	176.87	177.11
1977	176.90	176.85	176.79	176.75	176.72	176.68	176.70	176.71	176.72	176.85	176.94	176.83	176.79
1978	177.06	177.05	176.98	176.86	176.84	176.91	176.95	176.98	177.03	177.03	176.95	176.80	176.95
1979	176.94	176.93	176.94	176.93	177.07	177.18	177.30	177.35	177.32	177.16	177.10	177.02	177.10

Station: 907-6050 Frechette Point, Michigan on the St. Marys River

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	177.10	177.02	176.96	176.93	177.04	177.07	177.09	177.11	177.08	177.02	176.92	176.97	177.03
1981	177.01	176.94	176.87	176.85	176.95	177.07	177.12	177.12	176.99	176.82	176.73	176.69	176.93
1982	176.69	176.63	176.63	176.71	176.75	176.83	176.90	176.94	176.93	176.94	176.95	176.99	176.82
1983	176.95	177.01	176.92	176.97	177.15	177.28	177.30						177.08
1984						<i>Station Closed</i>							
1985													
1986													
1987													
1988													
1989													
1990													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 907-6050 Frechette Point, Michigan on the St. Marys River

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1969 thru 1983

177.05	177.03	177.02	177.01	177.07	177.15	177.20	177.21	177.16	177.08	177.02	176.99	177.08
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Monthly and Annual Averages for Period 1974 thru 1983

177.02	177.01	177.00	176.98	177.04	177.11	177.15	177.13	177.08	177.01	176.96	176.93	177.04
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Highest Monthly and Annual Average for Period 1969 thru 1983

Level	177.30	177.32	177.35	177.36	177.31	177.47	177.47	177.57	177.57	177.38	177.36	177.22	177.33
Year	1973	1975	1975	1975	1974	1974	1974	1973	1973	1973	1972	1972	1973

Lowest Monthly and Annual Average for Period 1969 thru 1983

Level	176.69	176.63	176.63	176.71	176.72	176.68	176.70	176.71	176.72	176.82	176.73	176.69	176.79
Year	1982	1982	1982	1982	1977	1977	1977	1977	1977	1981	1981	1981	1977

Highest Monthly Average for Period 1969 thru 1983 177.57 Sep 1973

Lowest Monthly Average for Period 1969 thru 1983 176.63 Mar 1982

Station: 907-6060 US Slip below locks, Sault Ste. Marie, Michigan on St Marys

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903				177.10	177.21	177.28	177.36	177.41	177.44	177.43	177.34	177.52	177.34
1904	177.58	177.60	177.60	177.44	177.38	177.55	177.61	177.64	177.64	177.65	177.55	177.51	177.56
1905	177.74	177.79	177.70	177.39	177.42	177.52	177.63	177.64	177.65	177.64	177.54	177.47	177.59
1906	177.68	177.74	177.66	177.47	177.50	177.57	177.64	177.62	177.57	177.52	177.46	177.48	177.58
1907	177.73	177.78	177.62	177.39	177.37	177.50	177.57	177.64	177.67	177.56	177.41	177.28	177.54
1908	177.35	177.38	177.38	177.28	177.28	177.42	177.52	177.52	177.45	177.33	177.21	177.13	177.35
1909	177.18	177.10	177.08	176.99	177.10	177.20	177.27	177.33	177.26	177.21	177.08	177.11	177.16
1910	177.29	177.22	177.13	176.94	176.98	177.08	177.11	177.14	177.11	177.06	176.92	176.88	177.07
1911	176.95	176.92	176.92	176.76	176.80	176.90	176.92	176.75	176.88	176.87	176.84	176.83	176.86
1912	177.03	176.94	176.93	176.80	176.89	177.06	177.08	177.14	177.22	177.18	177.12	177.11	177.04
1913	177.11	177.21	177.23	177.23	177.22	177.27	177.33	177.33	177.30	177.25	177.18	177.10	177.23
1914	177.17	177.24	177.18	177.02	177.06	177.13	177.22	177.24	177.25	177.24	177.15	177.07	177.16
1915	177.08	177.10	177.04	176.85	176.86	176.93	177.00	177.04	177.04	177.05	177.04	176.95	177.00
1916	177.18	177.21	177.24	177.18	177.24	177.45	177.50	177.58	177.63	177.64	177.56	177.53	177.41
1917	177.80	177.69	177.74	177.46	177.41	177.55	177.61	177.54	177.49	177.45	177.32	177.38	177.54
1918	177.47	177.42	177.50	177.29	177.39	177.47	177.39	177.40	177.38	177.33	177.27	177.15	177.37
1919	177.17	177.12	177.11	177.10	177.20	177.24	177.22	177.19	177.12	177.09	177.03	177.11	177.14
1920	177.10	177.13	177.18	177.03	177.22	177.30	177.38	177.54	177.36	177.12	176.98	176.93	177.19
1921	176.95	176.97	176.98	176.94	176.95	176.94	177.01	177.01	177.00	176.92	176.75	176.71	176.93
1922	176.82	176.82	176.90	176.86	176.92	176.92	176.99	176.97	176.89	176.79	176.74	176.82	176.87
1923	176.76	176.81	176.95	177.04	176.80	176.81	176.84	176.79	176.79	176.70	176.63	176.56	176.79
1924	176.75	176.79	176.76	176.67	176.66	176.68	176.69	176.78	176.73	176.68	176.60	176.63	176.70
1925	176.68	176.72	176.72	176.46	176.45	176.48	176.48	176.58	176.65	176.64	176.55	176.55	176.58
1926	176.56	176.55	176.64	176.56	176.42	176.47	176.51	176.43	176.37	176.36	176.39	176.82	176.51
1927	176.97	177.09	176.96	176.74	176.82	176.92	176.94	176.95	176.90	176.86	176.87	176.99	176.92
1928	177.13	177.09	177.18	177.07	177.01	177.00	177.04	177.23	177.44	177.54	177.56	177.44	177.23
1929	177.66	177.33	177.29	177.55	177.64	177.53	177.69	177.54	177.47	177.23	177.18	177.17	177.44
1930	177.13	177.17	177.19	177.05	177.07	177.14	177.29	177.39	177.24	176.96	176.82	176.69	177.09
1931	176.64	176.68	176.61	176.52	176.50	176.54	176.60	176.55	176.57	176.55	176.54	176.46	176.56
1932	176.46	176.80	176.70	176.51	176.50	176.50	176.56	176.60	176.76	176.61	176.58	176.44	176.59
1933	176.38	176.43	176.47	176.34	176.41	176.48	176.64	176.52	176.45	176.44	176.48	176.39	176.45
1934	176.53	176.54	176.61	176.48	176.31	176.48	176.75	176.88	176.78	176.52	176.61	176.83	176.61
1935	176.71	176.63	176.86	176.83	176.83	176.75	176.87	176.93	176.94	177.06	176.95	176.44	176.82
1936	176.54	176.71	176.70	176.49	176.69	176.74	176.75	176.78	176.77	176.64	176.58	176.48	176.66
1937	176.80	176.74	176.66	176.48	176.45	176.62	176.64	176.65	176.62	176.56	176.50	176.48	176.60
1938	176.55	176.71	176.71	176.54	176.78	177.23	177.36	177.38	177.33	177.22	177.00	176.59	176.95
1939	176.69	176.72	176.78	176.86	177.01	177.14	177.28	177.43	177.40	177.23	176.76	176.60	176.99

station: 907-6060 US Slip below locks, Sault Ste. Marie, Michigan on St Marys

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.69	176.69	176.52	176.42	176.47	176.53	176.63	176.67	176.63	176.59	176.54	176.49	176.57
1941	176.56	176.64	176.69	176.51	176.51	176.54	176.52	176.50	176.53	176.69	177.04	176.77	176.62
1942	177.07	176.75	176.73	176.92	176.76	176.95	177.09	176.98	176.94	176.83	176.70	176.68	176.87
1943	176.79	176.86	177.08	177.01	177.09	177.40	177.59	177.70	177.68	177.48	177.32	177.18	177.26
1944	177.11	176.99	177.07	177.00	176.95	177.00	177.16	177.32	177.41	177.39	177.20	177.05	177.14
1945	177.13	177.08	176.96	176.99	177.22	177.34	177.17	177.13	177.11	177.15	177.22	177.00	177.12
1946	177.10	177.14	177.14	177.03	177.11	177.13	177.15	177.10	177.05	176.98	176.91	176.88	177.06
1947	176.99	176.98	176.96	176.89	176.95	177.10	177.47	177.54	177.42	177.45	177.18	177.01	177.16
1948	177.06	177.06	177.04	177.00	177.04	177.05	177.05	177.00	176.88	176.74	176.70	176.63	176.94
1949	176.62	176.72	176.68	176.61	176.66	176.70	176.73	176.74	176.73	176.64	176.55	176.46	176.65
1950	176.64	176.74	176.75	176.83	176.69	177.06	177.30	177.36	177.35	177.32	177.25	177.27	177.05
1951	177.10	177.13	177.12	177.25	177.46	177.54	177.64	177.67	177.71	177.68	177.68	177.74	177.48
1952	177.56	177.58	177.55	177.55	177.67	177.55	177.57	177.93	177.88	177.71	177.57	177.28	177.62
1953	177.24	177.38	177.29	177.27	177.45	177.54	177.65	177.79	177.73	177.60	177.40	177.20	177.46
1954	177.13	177.17	177.17	177.16	177.18	177.27	177.49	177.62	177.57	177.50	177.34	177.18	177.31
1955	177.18	177.18	177.20	177.13	177.19	177.25	177.23	177.14	176.88	176.82	176.99	176.89	177.09
1956	176.86	176.91	176.99	176.88	176.88	176.88	176.94	176.99	176.97	176.90	176.82	176.72	176.90
1957	176.83	176.82	176.70	176.58	176.58	176.65	176.73	176.75	176.73	176.64	176.66	176.62	176.69
1958	176.77	176.82	176.74	176.53	176.51	176.50	176.52	176.48	176.46	176.47	176.44	176.45	176.56
1959	176.51	176.57	176.56	176.44	176.50	176.50	176.52	176.54	176.60	176.97	177.18	176.83	176.64
1960	177.04	176.97	176.92	176.86	176.90	177.40	177.49	177.45	177.39	177.20	177.02	176.93	177.13
1961	176.93	176.92	176.95	176.80	176.79	176.77	176.78	176.73	176.73	176.68	176.66	176.61	176.78
1962	176.73	176.74	176.72	176.61	176.65	176.67	176.68	176.65	176.57	176.55	176.50	176.42	176.62
1963	176.48	176.55	176.51	176.30	176.37	176.38	176.39	176.40	176.44	176.33	176.25	176.13	176.38
1964	176.22	176.37	176.34	176.27	176.21	176.24	176.36	176.61	176.69	176.73	176.72	176.46	176.44
1965	176.65	176.72	176.66	176.51	176.60	176.70	176.89	176.92	176.92	176.86	176.85	176.66	176.74
1966	176.73	176.79	176.69	176.69	176.68	176.73	176.87	176.86	176.89	176.72	176.52	176.56	176.73
1967	176.70	176.70	176.72	176.65	176.79	176.92	176.97	176.99	176.90	176.77	176.74	176.74	176.80
1968	176.88	176.92	176.82	176.75	176.76	176.82	177.12	177.37	177.42	177.40	177.28	177.13	177.06
1969	177.24	177.22	177.18	177.18	177.33	177.43	177.52	177.57	177.40	177.10	177.04	176.96	177.26
1970	177.03	177.22	177.01	176.91	176.96	177.03	177.08	177.28	177.17	177.06	177.12	177.21	177.09
1971	177.40	177.48	177.41	177.35	177.39	177.47	177.52	177.47	177.47	177.46	177.40	177.27	177.42
1972	177.41	177.36	177.34	177.25	177.42	177.48	177.54	177.60	177.64	177.56	177.56	177.36	177.46
1973	177.48	177.29	177.22	177.25	177.36	177.47	177.57	177.72	177.80	177.52	177.36	177.34	177.45
1974	177.47	177.53	177.44	177.38	177.40	177.56	177.56	177.52	177.41	177.32	177.32	177.34	177.44
1975	177.39	177.58	177.53	177.48	177.45	177.45	177.44	177.40	177.34	177.21	177.12	177.11	177.37
1976	177.22	177.32	177.38	177.26	177.36	177.41	177.39	177.31	177.17	177.02	176.84	176.96	177.22
1977	177.07	177.01	176.88	176.82	176.78	176.77	176.78	176.79	176.81	177.04	177.18	176.99	176.91
1978	177.26	177.33	177.14	176.95	176.95	177.01	177.05	177.14	177.21	177.22	177.13	176.91	177.11
1979	177.15	177.20	177.09	177.01	177.17	177.33	177.49	177.56	177.52	177.32	177.25	177.14	177.27

Station: 907-6060 US Slip below locks, Sault Ste. Marie, Michigan on St Marys

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	177.21	177.13	177.07	177.04	177.16	177.18	177.18	177.20	177.18	177.15	177.05	177.07	177.14
1981	177.18	177.06	176.94	176.95	177.08	177.22	177.30	177.27	177.10	176.88	176.78	176.74	177.04
1982	176.78	176.73	176.72	176.77	176.82	176.92	177.02	177.07	177.07	177.09	177.14	177.15	176.94
1983	177.07	177.14	177.04	177.08	177.29	177.41	177.43	177.44	177.27	177.08	177.10	177.18	177.21
1984	177.30	177.15	177.12	177.09	177.28	177.39	177.48	177.52	177.46	177.24	177.11	177.18	177.28
1985	177.25	177.26	177.31	177.37	177.43	177.41	177.41	177.48	177.60	177.71	177.78	177.68	177.47
1986	177.66	177.61	177.60	177.49	177.61	177.71	177.78	177.79	177.77	177.75	177.56	177.48	177.65
1987	177.41	177.38	177.29	177.25	177.33	177.31	177.21	177.16	177.08	176.99	176.88	176.86	177.18
1988	177.03	176.97	176.95	176.89	176.94	176.88	176.80	176.79	176.78	176.70	176.70	176.82	176.85
1989	177.08	177.07	177.06	176.87	176.86	176.97	177.00	176.98	176.88	176.66	176.58	176.70	176.89
1990	176.80	176.77	176.76	176.63	176.64	176.64	176.75	176.74	176.71	176.65	176.68	176.67	176.70
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1993													
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Station: 907-6060 US Slip below locks, Sault Ste. Marie, Michigan on St Marys

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1903 thru 1990													
	177.03	177.04	177.02	176.94	176.98	177.06	177.13	177.16	177.13	177.06	177.00	176.94	177.04
Monthly and Annual Averages for Period 1981 thru 1990													
	177.16	177.11	177.08	177.04	177.13	177.19	177.22	177.22	177.17	177.08	177.03	177.05	177.12
Highest Monthly and Annual Average for Period 1903 thru 1990													
Level	177.80	177.79	177.74	177.55	177.67	177.71	177.78	177.93	177.88	177.75	177.78	177.74	177.65
Year	1917	1905	1917	1929	1952	1986	1986	1952	1952	1986	1985	1951	1986
Lowest Monthly and Annual Average for Period 1903 thru 1990													
Level	176.22	176.37	176.34	176.27	176.21	176.24	176.36	176.40	176.37	176.33	176.25	176.13	176.38
Year	1964	1964	1964	1964	1964	1964	1964	1963	1926	1963	1963	1963	1963
Highest Monthly Average for Period 1903 thru 1990 177.93 Aug 1952													
Lowest Monthly Average for Period 1903 thru 1990 176.13 Dec 1963													

Station: 907-6070 SW Pier above locks, Sault Ste. Marie, Michigan on the St. M

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860					183.29	183.35	183.37	183.37	183.35	183.36			183.35
1861					183.32	183.39	183.44	183.41	183.41	183.39	183.34		183.39
1862													
1863													
1864													
1865													
1866													
1867							183.26	183.30	183.28	183.21	183.15		183.24
1868					183.06	183.10	183.18	183.20	183.22	183.14			183.15
1869						183.12	183.27	183.41	183.53	183.52	183.41		183.38
1870											183.35	183.28	183.31
1871	183.15	183.10	183.02	183.06	183.24	183.36	183.41	183.39	183.41	183.35	183.28	183.15	183.24
1872	183.08	183.06	182.97	182.97	183.24	183.30	183.42	183.52	183.54	183.49	183.45	183.31	183.28
1873	183.19	183.13	183.14	183.14	183.32	183.36	183.49	183.57	183.59	183.55	183.48	183.41	183.36
1874	183.24	183.19	183.16	183.12	183.25	183.38	183.50	183.51	183.51	183.55	183.48	183.45	183.36
1875	183.31	183.24	183.22	183.30	183.39	183.49	183.52	183.52	183.60	183.56	183.47	183.30	183.41
1876	183.29	183.28	183.20	183.21	183.44	183.62	183.76	183.77	183.78	183.68	183.59	183.44	183.50
1877	183.35	183.36	183.33	183.29	183.29	183.36	183.46	183.49	183.42	183.43	183.36	183.31	183.37
1878	183.24	183.16	183.13	183.13	183.21	183.29	183.32	183.31	183.23	183.26	183.23	183.17	183.22
1879	183.05	182.92	182.85	182.89	183.00	183.04	183.14	183.14	183.12	183.13	183.08	182.95	183.03
1880	182.90	182.88	182.86	182.86	183.09	183.32	183.39	183.35	183.40	183.33	183.34	183.26	183.16
1881	183.16	183.13	183.14	183.10	183.23	183.30	183.36	183.34	183.40	183.54	183.50	183.41	183.30
1882	183.25	183.18	183.14	183.14	183.26	183.28	183.39	183.42	183.40	183.37	183.36	183.27	183.29
1883	183.14	183.11	183.12	183.14	183.14	183.25	183.30	183.43	183.33	183.28	183.25	183.17	183.22
1884	183.14	183.08	183.05	183.00	183.11	183.14	183.21	183.23	183.25	183.27	183.28	183.22	183.17
1885	183.18	183.14	183.10	183.04	183.22	183.32	183.37	183.44	183.37	183.31	183.29	183.21	183.25
1886	183.10	183.05	183.05	183.05	183.17	183.22	183.27	183.32	183.28	183.28	183.23	183.15	183.18
1887	183.08	183.04	183.03	182.99	183.10	183.21	183.32	183.28	183.24	183.29	183.22	183.13	183.16
1888	183.08	182.98	182.99	182.99	183.17	183.43	183.49	183.48	183.46	183.45	183.39	183.28	183.27
1889	183.20	183.11	183.12	183.12	183.28	183.34	183.42	183.42	183.42	183.38	183.28	183.17	183.27
1890	183.19	183.02	183.02	183.00	183.12	183.30	183.41	183.39	183.35	183.33	183.29	183.21	183.22
1891	183.00	183.03	182.99	183.04	183.15	183.14	183.17	183.18	183.15	183.17	183.14	183.08	183.10
1892	183.04	182.94	182.88	182.92	183.06	183.17	183.21	183.21	183.23	183.20	183.11	183.03	183.08
1893	182.97	182.91	182.92	182.99	183.14	183.30	183.36	183.39	183.35	183.33	183.31	183.17	183.18
1894	183.11	183.08	183.05	183.16	183.43	183.50	183.54	183.55	183.51	183.52	183.49	183.42	183.36
1895	183.34	183.30	183.24	183.23	183.31	183.43	183.50	183.51	183.56	183.60	183.44	183.40	183.41
1896	183.25	183.25	183.19	183.21	183.41	183.54	183.58	183.58	183.54	183.41	183.42	183.39	183.40
1897	183.32	183.23	183.23	183.27	183.38	183.49	183.56	183.60	183.56	183.49	183.46	183.31	183.41
1898	183.15	183.09	183.04	183.08	183.17	183.29	183.40	183.43	183.47	183.42	183.37	183.35	183.27
1899	183.20	183.15	183.12	183.12	183.39	183.53	183.59	183.63	183.69	183.59	183.55	183.54	183.42

Station: 907-6070 SW Pier above locks, Sault Ste. Marie, Michigan on the St. M

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	183.35	183.33	183.24	183.24	183.30	183.32	183.40	183.46	183.62	183.63	183.66	183.54	183.42
1901	183.40	183.30	183.24	183.27	183.35	183.39	183.51	183.57	183.53	183.56	183.54	183.43	183.42
1902	183.31	183.22	183.20	183.25	183.31	183.42	183.49	183.49	183.52	183.46	183.49	183.43	183.38
1903	183.29	183.22	183.20	183.27	183.39	183.52	183.56	183.59	183.59	183.64	183.60	183.47	183.44
1904	183.30	183.18	183.16	183.27	183.37	183.45	183.49	183.51	183.54	183.60	183.56	183.44	183.41
1905	183.35	183.22	183.15	183.28	183.36	183.42	183.53	183.56	183.64	183.64	183.56	183.50	183.43
1906	183.40	183.30	183.23	183.25	183.35	183.46	183.50	183.51	183.49	183.45	183.40	183.33	183.39
1907	183.23	183.18	183.15	183.19	183.25	183.37	183.43	183.48	183.54	183.56	183.48	183.38	183.35
1908	183.23	183.12	183.09	183.08	183.22	183.37	183.46	183.49	183.42	183.38	183.29	183.23	183.28
1909	183.11	183.04	183.01	183.00	183.11	183.20	183.27	183.32	183.31	183.29	183.26	183.29	183.18
1910	183.16	183.09	183.04	183.09	183.17	183.20	183.18	183.20	183.18	183.16	183.12	183.00	183.13
1911	182.90	182.83	182.78	182.78	182.87	183.00	183.11	183.26	183.26	183.27	183.22	183.18	183.04
1912	183.13	183.06	183.01	183.05	183.20	183.32	183.32	183.36	183.39	183.40	183.33	183.27	183.24
1913	183.13	183.06	182.99	183.07	183.22	183.30	183.38	183.42	183.42	183.50	183.46	183.44	183.28
1914	183.28	183.23	183.14	183.13	183.27	183.34	183.40	183.41	183.43	183.40	183.34	183.21	183.30
1915	183.10	183.04	183.03	182.98	183.08	183.16	183.28	183.30	183.29	183.41	183.45	183.39	183.21
1916	183.33	183.28	183.20	183.28	183.48	183.61	183.69	183.71	183.73	183.65	183.60	183.50	183.50
1917	183.29	183.22	183.18	183.23	183.26	183.32	183.36	183.41	183.41	183.39	183.31	183.21	183.30
1918	183.09	183.04	183.00	183.01	183.09	183.23	183.31	183.30	183.36	183.31	183.37	183.31	183.20
1919	183.27	183.20	183.13	183.20	183.29	183.33	183.38	183.39	183.38	183.32	183.36	183.31	183.30
1920	183.20	183.13	183.11	183.26	183.29	183.36	183.45	183.42	183.39	183.38	183.33	183.25	183.30
1921	183.18	183.08	183.03	183.08	183.23	183.32	183.37	183.39	183.40	183.33	183.24	183.19	183.24
1922	183.06	183.00	182.92	183.01	183.17	183.25	183.34	183.40	183.41	183.36	183.29	183.22	183.20
1923	183.10	183.04	182.97	182.95	183.05	183.09	183.14	183.20	183.21	183.22	183.18	183.15	183.11
1924	183.04	182.93	182.88	182.85	182.95	182.97	183.02	183.07	183.14	183.13	183.13	183.04	183.01
1925	182.88	182.81	182.79	182.80	182.86	182.96	183.03	183.02	183.00	182.99	182.90	182.85	182.90
1926	182.71	182.60	182.58	182.58	182.64	182.74	182.85	182.91	183.01	183.12	183.10	183.07	182.83
1927	182.97	182.90	182.91	182.99	183.14	183.26	183.39	183.42	183.38	183.39	183.34	183.28	183.20
1928	183.18	183.07	183.01	183.07	183.23	183.31	183.45	183.49	183.54	183.57	183.53	183.42	183.32
1929	183.31	183.28	183.28	183.28	183.31	183.38	183.41	183.46	183.43	183.45	183.47	183.32	183.37
1930	183.27	183.18	183.18	183.16	183.28	183.37	183.46	183.45	183.42	183.44	183.36	183.31	183.32
1931	183.20	183.12	183.06	183.05	183.11	183.17	183.28	183.29	183.27	183.31	183.34	183.32	183.21
1932	183.27	183.21	183.17	183.17	183.25	183.33	183.42	183.47	183.47	183.38	183.32	183.28	183.31
1933	183.19	183.17	183.12	183.17	183.31	183.39	183.43	183.46	183.45	183.46	183.43	183.37	183.33
1934	183.29	183.23	183.19	183.22	183.36	183.41	183.42	183.39	183.41	183.49	183.43	183.40	183.35
1935	183.31	183.27	183.20	183.20	183.31	183.37	183.46	183.49	183.47	183.39	183.35	183.31	183.34
1936	183.32	183.26	183.18	183.23	183.37	183.45	183.46	183.41	183.41	183.39	183.33	183.19	183.33
1937	183.12	183.12	183.13	183.12	183.30	183.37	183.42	183.45	183.48	183.47	183.48	183.37	183.32
1938	183.29	183.22	183.19	183.31	183.46	183.53	183.53	183.52	183.48	183.38	183.40	183.38	183.39
1939	183.32	183.26	183.23	183.25	183.34	183.46	183.56	183.54	183.50	183.44	183.39	183.33	183.38

Station: 907-6070 SW Pier above locks, Sault Ste. Marie, Michigan on the St. M

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	183.22	183.08	183.05	183.04	183.17	183.34	183.42	183.41	183.42	183.35	183.35	183.29	183.26
1941	183.18	183.13	183.04	183.08	183.21	183.32	183.39	183.41	183.49	183.59	183.51	183.43	183.32
1942	183.30	183.25	183.23	183.21	183.37	183.44	183.46	183.48	183.53	183.53	183.55	183.52	183.40
1943	183.40	183.35	183.26	183.29	183.40	183.55	183.61	183.61	183.56	183.48	183.44	183.32	183.44
1944	183.18	183.14	183.05	183.07	183.23	183.40	183.53	183.59	183.59	183.52	183.41	183.39	183.34
1945	183.27	183.22	183.21	183.36	183.35	183.38	183.49	183.53	183.55	183.53	183.42	183.39	183.39
1946	183.30	183.22	183.18	183.30	183.30	183.37	183.46	183.48	183.48	183.47	183.53	183.46	183.38
1947	183.30	183.24	183.16	183.18	183.35	183.51	183.58	183.54	183.54	183.44	183.43	183.36	183.39
1948	183.21	183.09	183.04	183.12	183.29	183.30	183.33	183.40	183.40	183.33	183.32	183.30	183.26
1949	183.21	183.15	183.09	183.12	183.24	183.30	183.44	183.50	183.49	183.47	183.44	183.35	183.32
1950	183.28	183.21	183.16	183.20	183.43	183.56	183.63	183.67	183.63	183.62	183.60	183.50	183.46
1951	183.40	183.32	183.36	183.43	183.51	183.55	183.60	183.59	183.62	183.65	183.60	183.50	183.51
1952	183.45	183.36	183.28	183.38	183.41	183.47	183.63	183.67	183.63	183.53	183.34	183.33	183.46
1953	183.23	183.15	183.10	183.18	183.23	183.39	183.55	183.51	183.48	183.36	183.29	183.27	183.31
1954	183.13	183.06	183.04	183.03	183.30	183.42	183.46	183.41	183.33	183.32	183.27	183.21	183.25
1955	183.11	183.01	183.01	183.05	183.17	183.24	183.25	183.34	183.34	183.39	183.36	183.27	183.21
1956	183.14	183.10	182.97	182.99	183.08	183.19	183.32	183.34	183.35	183.26	183.24	183.16	183.18
1957	183.08	182.95	182.96	183.00	183.14	183.22	183.36	183.37	183.36	183.31	183.33	183.24	183.19
1958	183.10	183.05	183.00	183.00	183.05	183.11	183.22	183.30	183.37	183.32	183.31	183.24	183.17
1959	183.14	183.04	183.02	183.04	183.13	183.26	183.32	183.38	183.49	183.46	183.39	183.27	183.24
1960	183.21	183.12	183.03	183.08	183.35	183.38	183.38	183.37	183.35	183.31	183.29	183.22	183.26
1961	183.09	183.00	183.01	183.07	183.18	183.24	183.27	183.28	183.30	183.31	183.28	183.24	183.19
1962	183.11	183.01	182.97	183.03	183.11	183.23	183.28	183.29	183.37	183.33	183.21	183.18	183.18
1963	183.08	182.98	182.95	183.07	183.12	183.22	183.30	183.32	183.30	183.28	183.26	183.19	183.17
1964	183.08	183.03	182.94	182.90	183.16	183.27	183.35	183.36	183.39	183.35	183.35	183.21	183.20
1965	183.12	183.02	182.96	183.01	183.14	183.22	183.24	183.26	183.25	183.31	183.26	183.25	183.17
1966	183.20	183.11	183.10	183.13	183.25	183.32	183.35	183.41	183.39	183.36	183.31	183.23	183.26
1967	183.16	183.11	183.02	183.16	183.27	183.32	183.38	183.42	183.38	183.32	183.34	183.22	183.26
1968	183.10	183.08	182.98	183.10	183.20	183.37	183.49	183.56	183.61	183.60	183.55	183.47	183.34
1969	183.39	183.36	183.28	183.29	183.38	183.40	183.42	183.44	183.41	183.40	183.37	183.26	183.37
1970	183.17	183.06	183.05	183.03	183.23	183.38	183.47	183.48	183.49	183.46	183.52	183.28	183.30
1971	183.33	183.24	183.23	183.28	183.36	183.47	183.53	183.54	183.49	183.45	183.43	183.41	183.40
1972	183.31	183.23	183.21	183.24	183.37	183.40	183.41	183.49	183.53	183.52	183.42	183.36	183.37
1973	183.26	183.21	183.25	183.32	183.48	183.54	183.59	183.64	183.61	183.59	183.55	183.40	183.45
1974	183.30	183.23	183.20	183.23	183.37	183.47	183.57	183.63	183.67	183.63	183.61	183.52	183.45
1975	183.43	183.34	183.23	183.22	183.37	183.44	183.55	183.54	183.53	183.46	183.45	183.44	183.42
1976	183.32	183.24	183.19	183.35	183.44	183.43	183.51	183.49	183.45	183.35	183.27	183.08	183.34
1977	182.99	182.93	182.95	183.05	183.11	183.17	183.26	183.31	183.43	183.47	183.42	183.37	183.21
1978	183.26	183.13	183.05	183.09	183.18	183.27	183.36	183.39	183.39	183.37	183.25	183.19	183.24
1979	183.07	183.00	183.05	183.15	183.33	183.48	183.50	183.50	183.48	183.44	183.46	183.40	183.32

Station: 907-6070 SW Pier above locks, Sault Ste. Marie, Michigan on the St. M

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.28	183.24	183.19	183.19	183.23	183.27	183.32	183.34	183.40	183.41	183.33	183.18	183.28
1981	183.08	183.04	183.08	183.16	183.23	183.28	183.33	183.30	183.28	183.26	183.24	183.17	183.20
1982	183.12	183.02	182.98	183.05	183.19	183.26	183.34	183.43	183.42	183.47	183.50	183.45	183.27
1983	183.39	183.30	183.29	183.32	183.34	183.40	183.47	183.46	183.48	183.51	183.44	183.43	183.40
1984	183.28	183.26	183.23	183.24	183.33	183.40	183.48	183.48	183.46	183.44	183.47	183.42	183.37
1985	183.34	183.25	183.23	183.28	183.42	183.53	183.61	183.65	183.68	183.71	183.69	183.66	183.50
1986	183.51	183.42	183.41	183.51	183.58	183.58	183.62	183.68	183.63	183.65	183.64	183.55	183.56
1987	183.45	183.32	183.27	183.26	183.24	183.32	183.36	183.43	183.40	183.35	183.28	183.26	183.33
1988	183.13	183.07	182.97	183.05	183.08	183.13	183.14	183.24	183.28	183.29	183.32	183.33	183.17
1989	183.15	183.13	183.03	183.06	183.21	183.32	183.37	183.35	183.34	183.28	183.28	183.11	183.22
1990	183.00	182.94	182.88	182.81	183.02	183.10	183.20	183.21	183.23	183.24	183.24	183.17	183.09
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
2002													
2003													
2004													
2005													
2006													
2007													
2008													
2009													
2010													
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 907-6070 SW Pier above locks, Sault Ste. Marie, Michigan on the St. M

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	183.20	183.13	183.09	183.13	183.24	183.33	183.40	183.42	183.43	183.41	183.37	183.30	183.29
Monthly and Annual Averages for Period 1900 thru 1990													
	183.21	183.14	183.10	183.14	183.25	183.33	183.40	183.43	183.43	183.42	183.38	183.31	183.29
Monthly and Annual Averages for Period 1981 thru 1990													
	183.25	183.18	183.14	183.17	183.26	183.33	183.39	183.42	183.42	183.42	183.41	183.35	183.31
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	183.51	183.42	183.41	183.51	183.58	183.62	183.76	183.77	183.78	183.71	183.69	183.66	183.56
Year	1986	1986	1986	1986	1986	1876	1876	1876	1876	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	182.71	182.60	182.58	182.58	182.64	182.74	182.85	182.91	183.00	182.99	182.90	182.85	182.83
Year	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925	1925	1925	1926
Highest Monthly Average for Period 1860 thru 1990 183.78 Sep 1876													
Lowest Monthly Average for Period 1860 thru 1990 182.58 Mar 1926													

Station: 908-7023 Ludington, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896												176.14	176.14
1897					176.50	176.58	176.63	176.35					176.35
1898								176.62	176.56				176.58
1899													

Station: 908-7023 Ludington, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900						176.52	176.58	176.60	176.61	176.62			176.59
1901													
1902													
1903					176.55	176.56	176.60	176.62	176.64	176.62	176.46		176.46
1904					176.72	176.85	176.86	176.82			176.52		176.59
1905													
1906													
1907											176.64		176.64
1908					176.83	176.87	176.92	176.87	176.78	176.66	176.49	176.44	176.73
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934													
1935					175.81	175.90	175.95	175.94	175.85				175.89
1936								175.91	175.93	175.88	175.81		175.88
1937						175.91	175.94	175.96					175.94
1938													
1939								176.36	176.38				176.37

Station: 908-7023 Ludington, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944					176.59	176.63	176.64	176.60	176.58				176.61
1945					176.48	176.66	176.68						176.60
1946						176.68	176.66	176.58	176.50				176.61
1947					176.50	176.67	176.70	176.74	176.71				176.66
1948													
1949													
1950								176.38	176.37	176.33	176.26	176.28	176.32
1951	176.28	176.29	176.36	176.53	176.70	176.77	176.85	176.87	176.85	176.87	176.87	176.88	176.68
1952	176.89	176.90	176.91	177.02	177.11	177.17	177.20	177.21	177.14	176.96	176.87	176.85	177.02
1953	176.79	176.75	176.77	176.86	176.96	177.02	177.05	177.04	176.94	176.87	176.75	176.66	176.87
1954	176.58	176.54	176.56	176.66	176.78	176.88	176.90	176.87	176.85	176.92	176.89	176.83	176.77
1955	176.78	176.74	176.69	176.77	176.83	176.86	176.83	176.74	176.58	176.48	176.40	176.32	176.67
1956	176.27	176.24	176.29	176.33	176.46	176.52	176.57	176.56	176.50	176.41	176.31	176.23	176.39
1957	176.15	176.13	176.12	176.16	176.24	176.30	176.38	176.32	176.26	176.17	176.14	176.09	176.20
1958	176.07	176.05	176.06	176.11	176.08	176.07	176.11	176.04	176.00	175.92	175.83	175.72	176.01
1959	175.68	175.68	175.74	175.88	176.03	176.06	176.07	176.08	176.04	176.05	176.05	176.06	175.95
1960	176.06	176.10	176.08	176.19	176.46	176.59	176.67	176.73	176.68	176.57	176.51	176.38	176.42
1961	176.31	176.27	176.29	176.32	176.38	176.40	176.42	176.40	176.38	176.32	176.26	176.19	176.33
1962	176.13	176.14	176.16	176.22	176.32	176.35	176.31	176.28	176.20	176.14	176.02	175.91	176.18
1963	175.85	175.81	175.82	175.89	175.99	176.02	176.00	175.99	175.95	175.86	175.74	175.66	175.88
1964	175.58	175.54	175.54	175.59	175.70	175.72	175.74	175.72	175.70	175.64	175.60	175.58	175.64
1965	175.55	175.58	175.65	175.74	175.91	175.98	175.98	175.99	176.04	176.04	176.02	176.05	175.88
1966	176.05	176.04	176.10	176.18	176.22	176.27	176.24	176.19	176.12	176.01	175.97	176.04	176.12
1967	176.03	176.04	176.03	176.19	176.32	176.43	176.46	176.43	176.36	176.29	176.28	176.27	176.26
1968	176.27	176.25	176.24	176.33	176.39	176.46	176.52	176.54	176.58	176.52	176.46	176.46	176.42
1969	176.44	176.44	176.42	176.53	176.68	176.80	176.93	176.91	176.82	176.73	176.68	176.60	176.67
1970	176.56	176.51	176.50	176.58	176.68	176.75	176.78	176.75	176.74	176.71	176.67	176.65	176.66
1971	176.59	176.63	176.65	176.74	176.84	176.93	176.94	176.92	176.89	176.83	176.72	176.70	176.78
1972	176.64	176.61	176.63	176.71	176.89	176.92	176.98	177.04	177.05	176.98	176.98	176.94	176.86
1973	176.94	176.95	177.00	177.10	177.20	177.30	177.28	177.26	177.16	177.11	177.00	177.00	177.11
1974	176.92	176.95	176.98	177.08	177.18	177.28	177.30	177.24	177.10	177.00	176.96	176.89	177.08
1975	176.85	176.84	176.86	176.91	177.06	177.15	177.12	177.08	177.05	176.92	176.86	176.80	176.96
1976	176.74	176.72	176.87	177.00	177.10	177.16	177.13	177.04	176.90	176.76	176.62	176.51	176.88
1977	176.39	176.37	176.44	176.56	176.57	176.54	176.54	176.52	176.52	176.49	176.50	176.52	176.50
1978	176.46	176.45	176.42	176.52	176.61	176.66	176.68	176.67	176.71	176.68	176.61	176.52	176.58
1979	176.49	176.49	176.55	176.72	176.89	176.95	176.97	176.98	176.93	176.88	176.82	176.78	176.79

Station: 908-7023 Ludington, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.76	176.72	176.67	176.78	176.84	176.90	176.92	176.92	176.89	176.80	176.70	176.62	176.79
1981	176.58	176.57	176.58	176.68	176.75	176.80	176.81	176.82	176.78	176.73	176.64	176.58	176.69
1982	176.50	176.46	176.46	176.55	176.64	176.65	176.69	176.68	176.65	176.62	176.59	176.66	176.60
1983	176.66	176.67	176.71	176.78	176.91	177.03	177.01	176.97	176.91	176.86	176.79	176.73	176.84
1984	176.70	176.71	176.72	176.84	176.91	177.02	177.05	177.03	177.01	176.96	176.92	176.86	176.89
1985	176.88	176.86	177.00	177.17	177.25	177.25	177.22	177.18	177.20	177.14	177.21	177.19	177.13
1986	177.13	177.13	177.14	177.25	177.28	177.34	177.40	177.37	177.39	177.50	177.36	177.26	177.30
1987	177.17	177.10	177.08	177.09	177.08	177.08	177.05	176.99	176.91	176.78	176.70	176.68	176.98
1988	176.62	176.59	176.59	176.67	176.72	176.67	176.61	176.57	176.48	176.41	176.46	176.40	176.57
1989	176.38	176.31	176.33	176.42	176.45	176.58	176.58	176.55	176.45	176.34	176.25	176.19	176.40
1990	176.15	176.16	176.20	176.27	176.37	176.46	176.52	176.50	176.45	176.42	176.38	176.40	176.36
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
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2002													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 908-7023 Ludington, Michigan on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1895 thru 1990													
	176.45	176.43	176.46	176.55	176.62	176.66	176.69	176.64	176.61	176.57	176.50	176.49	176.53
Monthly and Annual Averages for Period 1900 thru 1990													
	176.45	176.43	176.46	176.55	176.62	176.67	176.69	176.64	176.61	176.57	176.51	176.49	176.54
Monthly and Annual Averages for Period 1981 thru 1990													
	176.68	176.66	176.68	176.77	176.84	176.89	176.89	176.87	176.82	176.78	176.73	176.69	176.77
Highest Monthly and Annual Average for Period 1895 thru 1990													
Level	177.17	177.13	177.14	177.25	177.28	177.34	177.40	177.37	177.39	177.50	177.36	177.26	177.30
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1895 thru 1990													
Level	175.55	175.54	175.54	175.59	175.70	175.72	175.74	175.72	175.70	175.64	175.60	175.58	175.64
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1895 thru 1990 177.50 Oct 1986													
Lowest Monthly Average for Period 1895 thru 1990 175.54 Mar 1964													

Station: 908-7031 Holland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887													
1888													
1889													
1890													
1891													
1892													
1893													
1894													176.78
1895													176.78
1896													176.25
1897													176.18
1898													176.57
1899													176.61

Station: 908-7031 Holland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900				176.44	176.48								176.46
1901													
1902													
1903					176.55		176.58	176.60	176.64	176.62	176.51		176.58
1904													
1905				176.60		176.55							176.57
1906					176.80	176.85	176.85	176.84	176.74	176.70	176.65		176.78
1907				176.71	176.75	176.86	176.86	176.84	176.85	176.75	176.67		176.79
1908				176.71	176.84	176.89	176.95	176.89	176.78	176.67	176.52		176.78
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931													
1932													
1933													
1934													
1935					175.87	175.93	175.98	175.98	175.90				175.93
1936													
1937													
1938													
1939													

Station: 908-7031 Holland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942								176.45	176.04	176.07	176.12		176.08
1943									176.40	176.33	176.27		176.36
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956					176.49	176.55	176.60	176.58	176.57				176.56
1957													
1958													
1959					176.06	176.08	176.09	176.10	176.06	176.08	176.08	176.11	176.08
1960	176.11	176.16	176.14	176.22	176.49	176.60	176.67	176.73	176.70	176.59	176.51	176.42	176.45
1961	176.36	176.30	176.34	176.36	176.40	176.42	176.44	176.42	176.40	176.36	176.28	176.22	176.36
1962	176.16	176.18	176.20	176.25	176.34	176.37	176.33	176.30	176.22	176.17	176.04	175.95	176.21
1963	175.87	175.84	175.86	175.91	176.01	176.04	176.02	176.01	175.98	175.87	175.77	175.71	175.91
1964	175.60	175.57	175.59	175.62	175.71	175.73	175.77	175.75	175.71	175.65	175.61	175.59	175.66
1965	175.57	175.60	175.68	175.77	175.92	175.99	176.00	176.01	176.04	176.07	176.03	176.07	175.90
1966	176.08	176.07	176.12	176.21	176.24	176.28	176.24	176.20	176.15	176.01	176.01	176.06	176.14
1967	176.04	176.06	176.05	176.21	176.34	176.44	176.48	176.46	176.39	176.32	176.28	176.28	176.28
1968	176.26	176.28	176.24	176.32	176.40	176.46	176.52	176.54	176.58	176.53	176.49	176.48	176.42
1969	176.46	176.47	176.44	176.54	176.69	176.83	176.93	176.91	176.83	176.74	176.70	176.63	176.68
1970	176.60	176.54	176.52	176.56	176.68	176.75	176.79	176.76	176.74	176.71	176.69	176.66	176.67
1971	176.59	176.60	176.65	176.73	176.86	176.94	176.94	176.93	176.90	176.84	176.74	176.73	176.79
1972	176.64	176.64	176.68	176.74	176.90	176.93	176.97	177.04	177.05	176.98	177.00	176.95	176.88
1973	176.94	176.96	177.00	177.12	177.20	177.29	177.27	177.26	177.17	177.13	177.02	177.01	177.11
1974	176.93	176.96	176.99	177.09	177.19	177.28	177.29	177.22	177.11	177.00	176.95	176.90	177.08
1975	176.86	176.86	176.88	176.93	177.06	177.14	177.13	177.09	177.04	176.92	176.88	176.81	176.97
1976	176.77	176.76	176.88	177.02	177.11	177.15	177.14	177.07	176.93	176.80	176.62	176.47	176.89
1977	176.41	176.36	176.44	176.57	176.59	176.55	176.54	176.52	176.52	176.50	176.50	176.53	176.50
1978	176.49	176.46	176.42	176.55	176.63	176.66	176.68	176.67	176.72	176.67	176.60	176.51	176.59
1979	176.50	176.50	176.57	176.72	176.89	176.95	176.98	176.99	176.93	176.89	176.81	176.78	176.79

Station: 908-7031 Holland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.77	176.73	176.68	176.79	176.85	176.91	176.93	176.92	176.88	176.81	176.70	176.63	176.80
1981	176.60	176.57	176.60	176.68	176.77	176.80	176.83	176.83	176.80	176.74	176.65	176.58	176.70
1982	176.53	176.46	176.47	176.54	176.64	176.67	176.69	176.70	176.67	176.60	176.59	176.66	176.60
1983	176.67	176.68	176.74	176.79	176.93	177.02	177.01	176.99	176.90	176.86	176.80	176.75	176.85
1984	176.70	176.73	176.75	176.85	176.92	177.02	177.05	177.04	177.00	176.95	176.92	176.85	176.90
1985	176.89	176.86	176.99	177.17	177.26	177.26	177.22	177.18	177.19	177.13	177.21	177.20	177.13
1986	177.14	177.14	177.14	177.26	177.29	177.34	177.40	177.38	177.39	177.50	177.34	177.26	177.30
1987	177.18	177.12	177.10	177.11	177.08	177.09	177.04	176.99	176.92	176.79	176.72	176.69	176.99
1988	176.61	176.60	176.59	176.70	176.72	176.67	176.62	176.55	176.47	176.42	176.45	176.40	176.56
1989	176.42	176.31	176.35	176.42	176.46	176.59	176.60	176.55	176.46	176.34	176.26	176.19	176.41
1990	176.16	176.17	176.20	176.27	176.38	176.46	176.52	176.50	176.46	176.42	176.36	176.40	176.36
1991													
1992													
1993													
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2015													
2016													
2017													
2018													
2019													

Station: 908-7031 Holland, Michigan on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1894 thru 1990													
	176.48	176.47	176.48	176.57	176.63	176.69	176.71	176.69	176.63	176.58	176.52	176.50	176.56
Monthly and Annual Averages for Period 1900 thru 1990													
	176.48	176.47	176.49	176.59	176.64	176.69	176.71	176.69	176.63	176.59	176.54	176.51	176.57
Monthly and Annual Averages for Period 1981 thru 1990													
	176.69	176.67	176.69	176.78	176.84	176.89	176.90	176.87	176.83	176.78	176.73	176.70	176.78
Highest Monthly and Annual Average for Period 1894 thru 1990													
Level	177.18	177.14	177.14	177.26	177.29	177.34	177.40	177.38	177.39	177.50	177.34	177.26	177.30
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1894 thru 1990													
Level	175.57	175.57	175.59	175.62	175.71	175.73	175.77	175.75	175.71	175.65	175.61	175.59	175.66
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1894 thru 1990 177.50 Oct 1986													
Lowest Monthly Average for Period 1894 thru 1990 175.57 Jan 1965													

Station: 908-7044 Calumet Harbor, Illinois on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903		176.23		176.52	176.55	176.57	176.57	176.57	176.57	176.61	176.50	176.33	176.50
1904	176.38	176.41	176.46	176.60	176.67	176.82	176.85	176.80	176.77	176.73	176.66	176.56	176.64
1905	176.56	176.52	176.56	176.62	176.71	176.81	176.84	176.84	176.79	176.71	176.63	176.58	176.68
1906	176.57	176.60	176.65	176.67	176.74	176.77	176.79	176.78	176.71	176.66	176.60	176.63	176.68
1907	176.59	176.60	176.55	176.62	176.64	176.72	176.68	176.58	176.57	176.58	176.61	176.58	176.61
1908	176.52	176.61	176.52	176.57	176.78	176.85	176.88	176.89	176.82	176.64			176.71
1909	176.34	176.36	176.40	176.46	176.64	176.72	176.72	176.71	176.61	176.47	176.41	176.37	176.52
1910	176.40	176.40	176.35	176.40	176.49	176.55	176.51	176.45	176.48	176.36	176.31	176.21	176.41
1911	176.14	176.20	176.15	176.22	176.32	176.35	176.33	176.32	176.27	176.29	176.19	176.18	176.25
1912	176.21	176.22	176.15	176.20	176.38	176.52	176.54	176.55	176.58	176.51		176.39	176.39
1913	176.35	176.34	176.41	176.62	176.72	176.74	176.76	176.77	176.68	176.61	176.50	176.46	176.58
1914	176.39	176.39	176.39	176.41	176.48	176.57	176.61	176.57	176.51	176.48	176.30	176.24	176.44
1915	176.17	176.25	176.26	176.22	176.28	176.33	176.36	176.44	176.37	176.29	176.19	176.19	176.28
1916	176.12	176.18	176.24	176.37	176.53	176.68	176.75	176.70	176.59	176.54	176.57	176.54	176.48
1917	176.48	176.50	176.50	176.60	176.75	176.84	176.95	176.95	176.89	176.80	176.72	176.64	176.72
1918	176.64	176.64	176.72	176.86	176.92	176.98	177.01	176.95	176.85	176.77	176.72	176.73	176.82
1919	176.62	176.63	176.66	176.74	176.86	176.90	176.83	176.76	176.63	176.59	176.54	176.45	176.68
1920	176.43	176.42	176.43	176.57	176.62	176.65	176.69	176.70	176.64	176.55	176.48	176.39	176.55
1921	176.30	176.32	176.29	176.48	176.56	176.56	176.51	176.44	176.37	176.34	176.30	176.26	176.39
1922	176.15	176.15	176.22	176.34	176.50	176.53	176.57	176.54	176.49	176.37	176.23	176.13	176.35
1923	176.12	176.07	176.11	176.15	176.28	176.30	176.34	176.33	176.30	176.21	176.07	176.00	176.19
1924	175.94	176.01	176.01	176.04	176.14	176.20	176.24	176.29	176.21	176.15	175.99	175.92	176.09
1925	175.91	175.86	175.87	175.91	175.90	175.90	175.94	175.92	175.86	175.74	175.62	175.62	175.84
1926	175.56	175.60	175.66	175.72	175.80	175.88	175.94	175.98	175.98	175.87	175.83	175.87	175.81
1927	175.84	175.90	175.92	176.00	176.11	176.22	176.28	176.27	176.15	176.13	176.09	176.02	176.08
1928	175.97	176.04	176.06	176.12	176.34	176.41	176.50	176.55	176.48	176.49	176.53	176.54	176.34
1929	176.53	176.58	176.57	176.79	176.99	177.05	177.06	177.03	176.94	176.86	176.68	176.60	176.80
1930	176.49	176.54	176.60	176.62	176.71	176.70	176.76	176.72	176.53	176.48	176.32	176.22	176.56
1931	176.12	176.13	176.20	176.13	176.14	176.14	176.12	176.11	175.98	175.93	175.85	175.84	176.06
1932	175.84	175.81	175.82	175.91	175.97	175.97	175.96	175.92	175.87	175.81	175.74	175.68	175.86
1933	175.57	175.55	175.70	175.80	175.96	175.99	176.03	175.97	175.88	175.72	175.66	175.65	175.79
1934	175.59	175.57	175.60	175.66	175.72	175.80	175.84	175.79	175.77	175.66	175.61	175.64	175.69
1935	175.64	175.69	175.72	175.82	175.88	175.91	175.98	175.97	175.89	175.81	175.82	175.80	175.83
1936	175.79	175.75	175.79	175.86	175.94	176.03	176.01	175.96	175.97	175.90	175.80	175.71	175.87
1937	175.71	175.73	175.80	175.85	175.95	175.98	175.99	175.98	175.94	175.85	175.74	175.69	175.85
1938	175.72	175.83	175.87	176.02	176.12	176.21	176.26	176.24	176.30	176.22	176.10	176.02	176.08
1939	176.02	176.00	176.06	176.11	176.24	176.35	176.39	176.40	176.40	176.26	176.20	176.10	176.21

Station: 908-7044 Calumet Harbor, Illinois on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.03	176.06	176.01	176.03	176.10	176.15	176.20	176.25	176.24	176.16	176.01	176.00	176.10
1941	176.05	176.03	176.02	176.06	176.12	176.16	176.12	176.06	176.00	176.03	176.08	176.07	176.07
1942	176.04	176.12	176.14	176.25	176.35	176.48	176.46	176.43	176.36	176.30	176.23	176.18	176.28
1943	176.20	176.19	176.26	176.40	176.55	176.73	176.84	176.86	176.80	176.78	176.69	176.54	176.57
1944	176.49	176.50	176.51	176.59	176.63	176.66	176.67	176.62	176.58	176.57	176.50	176.36	176.56
1945	176.31	176.28	176.32	176.41	176.53	176.70	176.72	176.68	176.67	176.58	176.55	176.53	176.52
1946	176.46	176.52	176.64	176.66	176.68	176.72	176.73	176.65	176.54	176.42	176.31	176.22	176.55
1947	176.20	176.22	176.21	176.37	176.54	176.69	176.76	176.78	176.72	176.67	176.58	176.49	176.52
1948	176.42	176.39	176.48	176.58	176.71	176.69	176.68	176.63	176.55	176.36	176.25	176.18	176.49
1949	176.14	176.11	176.16	176.25	176.29	176.31	176.36	176.31	176.13	176.07	175.97	175.86	176.16
1950	175.89	175.98	175.99	176.16	176.26	176.28	176.38	176.44	176.45	176.36	176.29	176.28	176.23
1951	176.30	176.31	176.40	176.55	176.73	176.80	176.87	176.92	176.86	176.91	176.88	176.86	176.70
1952	176.86	176.93	176.95	177.06	177.13	177.17	177.18	177.25	177.16	176.97	176.87	176.86	177.03
1953	176.82	176.73	176.80	176.89	176.97	177.02	177.06	177.08	176.96	176.91	176.75	176.62	176.88
1954	176.60	176.55	176.62	176.68	176.79	176.88	176.92	176.92	176.88	176.95	176.90	176.86	176.80
1955	176.79	176.76	176.74	176.81	176.86	176.89	176.85	176.77	176.62	176.48	176.37	176.30	176.69
1956	176.28	176.24	176.30	176.33	176.47	176.50	176.57	176.60	176.50	176.40	176.28	176.19	176.39
1957	176.10	176.12	176.13	176.18	176.24	176.29	176.37	176.35	176.28	176.23	176.09	176.09	176.21
1958	176.12	176.13	176.13	176.15	176.12	176.10	176.14	176.06	175.99	175.91	175.79	175.72	176.03
1959	175.70	175.70	175.80	175.92	176.07	176.12	176.10	176.08	176.05	176.08	176.06	176.10	175.98
1960	176.09	176.17	176.15	176.22	176.50	176.62	176.69	176.72	176.71	176.58	176.46	176.38	176.44
1961	176.34	176.29	176.35	176.36	176.41	176.42	176.44	176.43	176.39	176.34	176.27	176.19	176.35
1962	176.11	176.17	176.22	176.25	176.35	176.40	176.37	176.32	176.24	176.18	176.05	175.93	176.22
1963	175.83	175.81	175.84	175.91	175.98	176.06	176.04	176.02	176.02	175.88	175.75	175.68	175.90
1964	175.57	175.55	175.60	175.63	175.71	175.74	175.78	175.75	175.71	175.64	175.59	175.58	175.66
1965	175.57	175.58	175.69	175.80	175.92	176.01	176.00	176.02	176.04	176.07	176.01	176.06	175.90
1966	176.08	176.08	176.12	176.23	176.26	176.28	176.26	176.21	176.18	175.98	176.03	176.05	176.15
1967	176.01	176.05	176.06	176.21	176.36	176.44	176.49	176.48	176.43	176.30	176.29	176.28	176.28
1968	176.28	176.30	176.27	176.32	176.42	176.46	176.51	176.54	176.56	176.50	176.51	176.46	176.43
1969	176.43	176.50	176.47	176.57	176.70	176.81	176.95	176.89	176.85	176.72	176.68	176.64	176.68
1970	176.58	176.53	176.56	176.58	176.68	176.76	176.78	176.75	176.73	176.71	176.67	176.65	176.67
1971	176.58	176.59	176.68	176.75	176.86	176.94	176.92	176.93	176.90				176.79
1972					176.95	176.95	176.97	177.04	177.05	177.00	177.01	176.94	176.99
1973	176.93	177.00	177.06	177.14	177.21	177.28	177.28			177.10	177.01	177.01	177.10
1974	176.91	177.02	177.00	177.09	177.19	177.28	177.28	177.22	177.11	176.99	176.95	176.90	177.08
1975	176.81	176.84	176.92	176.95	177.06	177.12	177.11	177.09	177.08	176.93	176.84	176.82	176.96
1976	176.72	176.73	176.87	177.04	177.12	177.14	177.14	177.08	176.95	176.81	176.59	176.46	176.89
1977	176.39	176.37	176.44	176.58	176.59	176.57	176.54	176.50			176.49	176.50	176.50
1978	176.51	176.48	176.45	176.56	176.64	176.66	176.68	176.65	176.74	176.65	176.60	176.49	176.59
1979	176.51	176.52	176.56	176.74	176.91	176.96	177.00	176.99	176.95	176.89	176.78	176.77	176.80

Station: 908-7044 Calumet Harbor, Illinois on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.74	176.74	176.70	176.81	176.85	176.92	176.93	176.92	176.88	176.81	176.70	176.64	176.80
1981	176.60	176.54	176.61	176.67	176.80	176.79	176.85	176.83	176.83	176.75	176.68	176.56	176.71
1982	176.49	176.46	176.46	176.55	176.66	176.68	176.69	176.69	176.67	176.58	176.56	176.62	176.59
1983	176.67	176.69	176.79	176.80	176.94	177.03	177.00	177.00	176.88	176.87	176.82	176.72	176.85
1984	176.67	176.75	176.77	176.87	176.91	177.02	177.05	177.06	177.00	176.94	176.90	176.84	176.90
1985	176.89	176.88	177.00	177.16	177.26	177.26	177.22	177.19	177.18	177.13	177.24	177.15	177.13
1986	177.12	177.16	177.13	177.27	177.30	177.35	177.39	177.39	177.38	177.50	177.32	177.22	177.29
1987	177.16	177.14	177.13	177.13	177.09	177.08	177.03	177.00	176.92	176.77	176.70	176.67	176.98
1988	176.56	176.60	176.59	176.70	176.73	176.69	176.62	176.54	176.46	176.41	176.41	176.36	176.55
1989	176.33	176.33	176.39	176.42	176.46	176.60	176.63	176.55	176.49	176.37	176.24	176.18	176.42
1990	176.11	176.17	176.20	176.27	176.39	176.44	176.53	176.52	176.46	176.40	176.35	176.37	176.35
1991													
1992													
1993													
1994													
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2015													
2016													
2017													
2018													
2019													

Station: 908-7044 Calumet Harbor, Illinois on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1903 thru 1990													
	176.29	176.30	176.34	176.42	176.52	176.58	176.60	176.57	176.52	176.45	176.38	176.33	176.45
Monthly and Annual Averages for Period 1981 thru 1990													
	176.66	176.67	176.71	176.79	176.85	176.89	176.90	176.88	176.83	176.77	176.72	176.67	176.78
Highest Monthly and Annual Average for Period 1903 thru 1990													
Level	177.16	177.16	177.13	177.27	177.30	177.35	177.39	177.39	177.38	177.50	177.32	177.22	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1903 thru 1990													
Level	175.56	175.55	175.60	175.63	175.71	175.74	175.78	175.75	175.71	175.64	175.59	175.58	175.66
Year	1926	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1903 thru 1990 177.50 Oct 1986													
Lowest Monthly Average for Period 1903 thru 1990 175.55 Feb 1964													

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 908-7057 Milwaukee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
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1966													
1967													
1968													
1969													
1970	176.56	176.51	176.53	176.57	176.67	176.74	176.76	176.73	176.72	176.70	176.67	176.65	176.65
1971	176.57	176.58	176.66	176.73	176.84	176.93	176.89		176.86	176.81	176.72	176.71	176.75
1972	176.61	176.63	176.66	176.74	176.88	176.92	176.96	177.03	177.03	176.98	176.98	176.93	176.86
1973	176.92	176.96	177.01	177.12	177.20	177.27	177.26	177.25	177.17	177.12	177.00	177.01	177.11
1974	176.91	176.98	176.99	177.09	177.18	177.27	177.27	177.21	177.10	177.00	176.94	176.89	177.07
1975	176.84	176.83	176.88	176.92	177.05	177.12	177.10	177.08	177.06	176.92	176.85	176.81	176.95
1976	176.72	176.72	176.87	177.02	177.10	177.13	177.12	177.06	176.92	176.78	176.57	176.45	176.87
1977	176.37	176.36	176.44	176.57	176.57	176.54	176.52	176.49	176.51	176.49	176.48	176.50	176.49
1978	176.48	176.44	176.42	176.54	176.62	176.65	176.67	176.64	176.72	176.65	176.60	176.49	176.58
1979	176.48	176.50	176.55	176.72	176.90	176.94	176.98	176.98	176.93	176.88	176.79	176.77	176.78

Station: 908-7057 Milwaukee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.74	176.72	176.68	176.79	176.84	176.90	176.92	176.91	176.87	176.79	176.69	176.63	176.79
1981	176.58	176.55	176.59	176.68	176.77	176.79	176.83	176.83	176.81	176.74	176.66	176.56	176.70
1982	176.49	176.45	176.44	176.55	176.64	176.66	176.68	176.68	176.65	176.59	176.57	176.64	176.59
1983	176.67	176.68	176.75	176.80	176.92	177.03	177.00	176.98	176.88	176.86	176.81	176.71	176.84
1984	176.68	176.73	176.75	176.86	176.91	177.01	177.04	177.04	177.00	176.94	176.90	176.84	176.89
1985	176.89	176.87	177.03	177.18	177.27	177.26	177.23	177.20	177.20	177.14	177.26	177.16	177.14
1986	177.13	177.14	177.14	177.27	177.30	177.35	177.40	177.38	177.40	177.52	177.34	177.24	177.30
1987	177.18	177.14	177.13	177.12	177.09	177.08	177.03	177.00	176.91	176.76	176.70	176.67	176.98
1988	176.58	176.58	176.59	176.68	176.72	176.67	176.61	176.54	176.46	176.40	176.43	176.37	176.55
1989	176.36	176.31	176.36	176.43	176.46	176.59	176.61	176.55	176.47	176.36	176.24	176.18	176.41
1990	176.13	176.17	176.20	176.27	176.38	176.45	176.52	176.52	176.46	176.41	176.36	176.38	176.36
1991													
1992													
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2015													
2016													
2017													
2018													
2019													

Station: 908-7057 Milwaukee, Wisconsin on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1970 thru 1990													
	176.66	176.66	176.70	176.79	176.87	176.92	176.92	176.90	176.86	176.80	176.74	176.69	176.79
Monthly and Annual Averages for Period 1981 thru 1990													
	176.67	176.66	176.70	176.78	176.85	176.89	176.90	176.87	176.83	176.77	176.73	176.68	176.78
Highest Monthly and Annual Average for Period 1970 thru 1990													
Level	177.18	177.14	177.14	177.27	177.30	177.35	177.40	177.38	177.40	177.52	177.34	177.24	177.30
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1970 thru 1990													
Level	176.13	176.17	176.20	176.27	176.38	176.45	176.52	176.49	176.46	176.36	176.24	176.18	176.36
Year	1990	1990	1990	1990	1990	1990	1990	1977	1990	1989	1989	1989	1990
Highest Monthly Average for Period 1970 thru 1990 177.52 Oct 1986													
Lowest Monthly Average for Period 1970 thru 1990 176.13 Jan 1990													

Station: 908-7058 Milwaukee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	177.11	177.16	177.17	177.21	177.25	177.29	177.30	177.24	177.18	177.08	176.98	176.94	177.16
1861	176.90	176.93	177.05	177.08	177.21	177.26	177.30	177.37	177.27	177.24	177.17	177.12	177.16
1862	177.06	177.01	177.10	177.15	177.23	177.26	177.24	177.23	177.21	177.18	177.06	177.02	177.14
1863	176.99	177.01	177.01	177.01	177.07	177.10	177.08	177.04	176.99	176.96	176.91	176.93	177.01
1864	176.86	176.82	176.89	176.94	176.96	176.96	176.93	176.87	176.79	176.67	176.62	176.58	176.82
1865	176.52	176.54	176.60	176.74	176.79	176.80	176.94	176.94	176.90	176.83	176.66	176.57	176.74
1866	176.49	176.42	176.43	176.57	176.62	176.71	176.79	176.81	176.76	176.73	176.70	176.62	176.64
1867	176.62	176.63	176.69	176.77	176.84	176.94	176.98	176.96	176.88	176.78	176.64	176.53	176.77
1868	176.48	176.47	176.68	176.65	176.73	176.80	176.80	176.70	176.63	176.56	176.54	176.45	176.62
1869	176.42	176.44	176.36	176.48	176.58	176.74	176.85	176.93	176.90	176.79	176.75	176.67	176.66
1870	176.69	176.71	176.80	176.93	177.04	177.08	177.11	177.08	177.13	177.01	176.88	176.78	176.94
1871	176.82	176.80	176.98	177.04	177.15	177.16	177.17	177.10	176.90	176.69	176.67	176.49	176.91
1872	176.45	176.45	176.38	176.46	176.54	176.65	176.75	176.74	176.72	176.69	176.60	176.40	176.57
1873	176.40	176.41	176.50	176.68	176.85	176.95	176.94	176.97	176.91	176.89	176.82	176.81	176.76
1874	176.80	176.88	176.93	176.90	176.89	177.01	176.98	176.99	176.91	176.79	176.73	176.62	176.87
1875	176.58	176.54	176.56	176.67	176.84	176.91	176.92	176.97	176.95	176.90	176.84	176.78	176.79
1876	176.77	176.83	176.93	176.99	177.18	177.30	177.41	177.39	177.37	177.20	177.23	177.08	177.14
1877	177.04	177.04	177.04	177.16	177.12	177.15	177.14	177.10	177.04	177.04	177.00	176.98	177.07
1878	176.95	176.93	176.98	176.98	177.07	177.12	177.12	177.02	176.96	176.93	176.89	176.79	176.98
1879	176.70	176.70	176.71	176.71	176.75	176.77	176.80	176.74	176.70	176.63	176.57	176.58	176.70
1880	176.59	176.56	176.57	176.62	176.73	176.88	176.95	176.96	176.87	176.76	176.67	176.62	176.73
1881	176.62	176.68	176.77	177.05	176.90	176.97	176.96	176.96	176.89	176.99	176.94	176.91	176.89
1882	176.84	176.84	176.95	176.99	177.02	177.10	177.12	177.18	177.14	177.02	176.95	176.85	177.00
1883	176.77	176.79	176.81	176.88	177.02	177.13	177.32	177.31	177.25	177.18	176.96	177.02	177.04
1884	176.95	176.99	177.07	177.12	177.19	177.24	177.19	177.14	177.07	177.07	176.96	176.95	177.08
1885	176.95	177.02	177.01	177.07	177.18	177.24	177.27	177.33	177.29	177.25	177.16	177.07	177.15
1886	177.14	177.14	177.23	177.31	177.39	177.41	177.35	177.28	177.21	177.18	177.08	176.98	177.22
1887	176.95	177.06	177.11	177.10	177.16	177.20	177.18	177.14	177.03	176.89	176.80	176.76	177.03
1888	176.70	176.69	176.74	176.81	176.92	177.01	177.01	176.97	176.93	176.85	176.84	176.66	176.84
1889	176.65	176.64	176.64	176.64	176.66	176.80	176.86	176.79	176.74	176.66	176.55	176.50	176.68
1890	176.52	176.51	176.50	176.60	176.67	176.80	176.82	176.79	176.73	176.70	176.60	176.49	176.64
1891	176.48	176.41	176.47	176.56	176.59	176.64	176.58	176.56	176.49	176.38	176.26	176.25	176.47
1892	176.28	176.34	176.31	176.33	176.45	176.59	176.62	176.64	176.58	176.51	176.42	176.34	176.45
1893	176.34	176.38	176.42	176.56	176.65	176.75	176.75	176.70	176.60	176.56	176.44	176.42	176.55
1894	176.42	176.43	176.51	176.56	176.72	176.77	176.78	176.76	176.62	176.56	176.48	176.37	176.58
1895	176.32	176.28	176.28	176.33	176.38	176.40	176.37	176.33	176.25	176.13	176.07	176.03	176.26
1896	176.06	176.07	176.07	176.13	176.21	176.31	176.29	176.27	176.24	176.23	176.16	176.14	176.18
1897	176.14	176.16	176.26	176.31	176.46	176.54	176.60	176.58	176.51	176.42	176.34	176.27	176.38
1898	176.26	176.30	176.40	176.49	176.58	176.62	176.61	176.55	176.44	176.44	176.32	176.21	176.44
1899	176.20	176.22	176.28	176.37	176.50	176.60	176.66	176.64	176.60	176.50	176.44	176.29	176.44

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 908-7058 Milwaukee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	176.24	176.28	176.33	176.37	176.44	176.48	176.51	176.56	176.54	176.55	176.50	176.40	176.43
1901	176.33	176.32	176.45	176.50	176.63	176.64	176.67	176.69	176.63	176.52	176.42	176.33	176.51
1902	176.27	176.23	176.30	176.32	176.43	176.49	176.60	176.60	176.48	176.43	176.40	176.31	176.40
1903	176.25	176.30	176.36	176.44	176.47	176.53	176.58	176.56	176.58	176.52	176.41	176.30	176.44
1904	176.32	176.32	176.41	176.55	176.66	176.78	176.78	176.75	176.73	176.69	176.60	176.49	176.59
1905	176.45	176.41	176.47	176.58	176.66	176.78	176.82	176.81	176.78	176.65	176.57	176.52	176.63
1906	176.52	176.56	176.61	176.66	176.74	176.78	176.78	176.77	176.66	176.61	176.56	176.54	176.65
1907	176.52	176.54	176.56	176.63	176.68	176.79	176.79	176.77	176.76	176.69	176.56	176.53	176.65
1908	176.48	176.50	176.52	176.61	176.79	176.83	176.89	176.85	176.72	176.61	176.41	176.37	176.63
1909	176.29	176.34	176.36	176.44	176.60	176.66	176.65	176.66	176.57	176.43	176.38	176.38	176.48
1910	176.31	176.31	176.33	176.44	176.48	176.50	176.48	176.43	176.42	176.36	176.26	176.16	176.37
1911	176.09	176.15	176.10	176.17	176.26	176.34	176.29	176.28	176.26	176.22	176.13	176.16	176.20
1912	176.11	176.12	176.13	176.19	176.34	176.47	176.50	176.52	176.55	176.46	176.46	176.39	176.35
1913	176.34	176.28	176.37	176.58	176.68	176.72	176.72	176.72	176.63	176.57	176.47	176.42	176.54
1914	176.35	176.35	176.34	176.38	176.45	176.53	176.58	176.55	176.49	176.45	176.28	176.20	176.41
1915	176.17	176.24	176.22	176.20	176.25	176.30	176.33	176.39	176.33	176.27	176.17	176.16	176.25
1916	176.07	176.12	176.16	176.31	176.49	176.68	176.74	176.66	176.54	176.52	176.53	176.51	176.44
1917	176.47	176.44	176.48	176.60	176.70	176.83	176.94	176.92	176.86	176.76	176.70	176.57	176.69
1918	176.58	176.59	176.68	176.79	176.87	176.94	176.94	176.90	176.79	176.70	176.66	176.68	176.76
1919	176.57	176.55	176.58	176.68	176.78	176.82	176.75	176.68	176.57	176.54	176.46	176.36	176.61
1920	176.34	176.35	176.39	176.51	176.58	176.62	176.66	176.67	176.62	176.52	176.43	176.37	176.50
1921	176.31	176.30	176.33	176.47	176.53	176.53	176.48	176.39	176.34	176.30	176.24	176.19	176.37
1922	176.12	176.11	176.18	176.35	176.49	176.52	176.56	176.53	176.47	176.34	176.21	176.07	176.33
1923	176.06	175.98	176.04	176.11	176.24	176.30	176.32	176.27	176.24	176.16	176.06	175.97	176.15
1924	175.89	175.96	175.96	176.03	176.12	176.17	176.20	176.24	176.20	176.12	175.97	175.87	176.06
1925	175.82	175.80	175.83	175.88	175.87	175.88	175.91	175.89	175.83	175.70	175.63	175.57	175.80
1926	175.54	175.58	175.61	175.69	175.80	175.87	175.91	175.95	175.92	175.84	175.83	175.81	175.78
1927	175.80	175.81	175.90	176.00	176.11	176.18	176.22	176.18	176.11	176.07	176.01	175.96	176.03
1928	175.93	175.99	176.02	176.21	176.34	176.41	176.48	176.52	176.47	176.49	176.53	176.55	176.33
1929	176.51	176.56	176.55	176.80	176.97	177.03	177.07	177.02	176.90	176.82	176.68	176.60	176.79
1930	176.53	176.52	176.56	176.60	176.65	176.67	176.73	176.69	176.54	176.43	176.29	176.17	176.53
1931	176.10	176.06	176.10	176.06	176.09	176.11	176.08	176.03	175.94	175.88	175.83	175.82	176.01
1932	175.83	175.78	175.79	175.87	175.93	175.95	175.92	175.89	175.80	175.76	175.71	175.63	175.82
1933	175.64	175.62	175.66	175.76	175.92	175.96	175.97	175.90	175.81	175.70	175.64	175.60	175.76
1934	175.59	175.59	175.58	175.65	175.72	175.75	175.78	175.75	175.74	175.64	175.63	175.65	175.67
1935	175.62	175.65	175.69	175.78	175.82	175.88	175.94	175.93	175.86	175.78	175.79	175.75	175.79
1936	175.74	175.71	175.76	175.82	175.92	175.98	175.96	175.92	175.94	175.87	175.77	175.69	175.84
1937	175.70	175.71	175.74	175.82	175.92	175.95	175.97	175.96	175.91	175.82	175.73	175.67	175.82
1938	175.69	175.79	175.84	175.99	176.10	176.18	176.24	176.23	176.28	176.20	176.10	176.01	176.06
1939	175.99	175.99	176.03	176.08	176.21	176.34	176.37	176.37	176.36	176.24	176.17	176.07	176.18

Station: 908-7058 Milwaukee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	175.99	176.01	175.96	175.98	176.06	176.13	176.17	176.22	176.19	176.12	176.00	175.98	176.07
1941	176.02	175.98	175.98	176.02	176.09	176.12	176.09	176.03	175.98	176.02	176.07	176.06	176.04
1942	176.02	176.06	176.11	176.22	176.33	176.44	176.43	176.41	176.35	176.28	176.23	176.16	176.25
1943	176.19	176.17	176.26	176.36	176.51	176.70	176.80	176.84	176.77	176.73	176.66	176.51	176.54
1944	176.47	176.45	176.48	176.53	176.59	176.63	176.63	176.59	176.57	176.53	176.48	176.33	176.52
1945	176.27	176.25	176.30	176.38	176.49	176.66	176.70	176.66	176.63	176.54	176.54	176.49	176.49
1946	176.45	176.49	176.59	176.62	176.66	176.69	176.72	176.64	176.54	176.41	176.31	176.21	176.53
1947	176.20	176.16	176.16	176.32	176.51	176.68	176.72	176.74	176.70	176.69	176.58	176.49	176.50
1948	176.38	176.33	176.42	176.56	176.65	176.67	176.66	176.58	176.52	176.34	176.26	176.16	176.46
1949	176.11	176.12	176.12	176.18	176.24	176.28	176.32	176.28	176.11	176.04	175.93	175.83	176.13
1950	175.85	175.93	175.94	176.12	176.22	176.25	176.34	176.39	176.39	176.32	176.24	176.25	176.19
1951	176.26	176.28	176.36	176.52	176.69	176.76	176.83	176.90	176.84	176.89	176.88	176.88	176.67
1952	176.89	176.93	176.94	177.06	177.12	177.17	177.18	177.23	177.13	176.95	176.88	176.85	177.03
1953	176.80	176.73	176.79	176.88	176.97	177.02	177.05	177.05	176.94	176.88	176.74	176.64	176.87
1954	176.60	176.56	176.59	176.68	176.77	176.88	176.90	176.90	176.88	176.93	176.89	176.85	176.78
1955	176.77	176.74	176.70	176.79	176.82	176.86	176.81	176.73	176.57	176.47	176.37	176.30	176.66
1956	176.28	176.24	176.30	176.32	176.45	176.51	176.57	176.56	176.50	176.41	176.30	176.21	176.39
1957	176.13	176.14	176.13	176.17	176.26	176.30	176.36	176.33	176.27	176.20	176.11	176.09	176.21
1958	176.10	176.07	176.08	176.09	176.04	176.05	176.11	176.04	175.98	175.91	175.80	175.73	176.00
1959	175.70	175.70	175.78	175.90	176.05	176.08	176.06	176.07	176.03	176.06	176.06	176.09	175.96
1960	176.08	176.14	176.13	176.21	176.48	176.60	176.67	176.73	176.70	176.58	176.48	176.38	176.43
1961	176.33	176.30	176.34	176.35	176.40	176.40	176.43	176.42	176.38	176.32	176.26	176.19	176.34
1962	176.12	176.17	176.20	176.24	176.33	176.36	176.32	176.29	176.19	176.15	176.03	175.91	176.19
1963	175.83	175.81	175.84	175.91	175.99	176.03	176.01	176.00	175.98	175.86	175.73	175.66	175.89
1964	175.57	175.54	175.57	175.62	175.70	175.73	175.77	175.74	175.70	175.64	175.60	175.58	175.65
1965	175.56	175.58	175.67	175.77	175.92	175.99	175.99	176.01	176.04	176.06	176.01	176.06	175.89
1966	176.06	176.06	176.13	176.20	176.23	176.25	176.24	176.20	176.17	175.99	176.00	176.04	176.13
1967	176.01	176.04	176.04	176.21	176.33	176.43	176.46	176.45	176.40	176.31	176.29		176.27
1968		176.21	176.26	176.33	176.42	176.46	176.51	176.53	176.57	176.51	176.49	176.46	176.43
1969	176.42		176.46	176.55	176.70	176.80	176.92	176.89	176.84	176.74	176.66	176.62	176.69
1970													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													

Station Relocated

Station: 908-7058 Milwaukee, Wisconsin on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1969													
	176.34	176.34	176.38	176.46	176.55	176.62	176.64	176.63	176.57	176.50	176.43	176.36	176.49
Monthly and Annual Averages for Period 1900 thru 1969													
	176.16	176.16	176.20	176.29	176.38	176.44	176.47	176.45	176.40	176.33	176.26	176.20	176.31
Monthly and Annual Averages for Period 1960 thru 1969													
	176.00	175.98	176.06	176.14	176.25	176.31	176.33	176.33	176.30	176.22	176.16	176.10	176.19
Highest Monthly and Annual Average for Period 1860 thru 1969													
Level	177.14	177.16	177.23	177.31	177.39	177.41	177.41	177.39	177.37	177.25	177.23	177.12	177.22
Year	1886	1860	1886	1886	1886	1886	1876	1876	1876	1885	1876	1861	1886
Lowest Monthly and Annual Average for Period 1860 thru 1969													
Level	175.54	175.54	175.57	175.62	175.70	175.73	175.77	175.74	175.70	175.64	175.60	175.57	175.65
Year	1926	1964	1964	1964	1964	1964	1964	1964	1964	1934	1964	1925	1964
Highest Monthly Average for Period 1860 thru 1969 177.41 Jun 1886													
Lowest Monthly Average for Period 1860 thru 1969 175.54 Jan 1926													

Station: 908-7068 Kewaunee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg	
1940														
1941														
1942														
1943														
1944														
1945														
1946														
1947														
1948														
1949														
1950														
1951														
1952														
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1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974	176.91	176.93	176.96			177.16	177.26	177.27	177.22	177.09	176.99	176.94	176.88	177.06
1975	176.83	176.82	176.85	176.89	177.03	177.10	177.10	177.08	177.05	176.92	176.85	176.80	176.80	176.94
1976	176.72	176.72	176.87	177.00	177.10	177.12	177.12	177.04	176.91	176.77	176.58	176.46	176.46	176.87
1977	176.38	176.37	176.45	176.56	176.58	176.55	176.54	176.52	176.54	176.51	176.50	176.51	176.51	176.50
1978	176.46	176.45	176.43	176.53	176.62	176.67	176.68	176.66	176.73	176.66	176.61	176.51	176.51	176.58
1979	176.48	176.49	176.55	176.73	176.90	176.96	176.98	176.99	176.94	176.88	176.80	176.78	176.78	176.79

Station: 908-7068 Kewaunee, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.75	176.71	176.68	176.79	176.85	176.91	176.92	176.93	176.89	176.80	176.67	176.62	176.79
1981	176.58	176.56	176.59	176.68	176.76	176.80	176.83	176.83	176.79	176.74	176.65	176.57	176.70
1982	176.49	176.46	176.46	176.53	176.65	176.66	176.69	176.68	176.65	176.61	176.59	176.65	176.59
1983	176.67	176.68	176.72	176.79	176.92	177.03	177.01	176.98	176.90	176.87	176.83	176.74	176.84
1984	176.69	176.72	176.73	176.84	176.92	177.02	177.04	177.04	177.01	176.96	176.92	176.86	176.90
1985	176.87	176.86	177.01	177.17	177.26	177.26	177.22	177.20	177.20	177.15	177.22	177.17	177.13
1986	177.13	177.14	177.16	177.26	177.28	177.33	177.38	177.38	177.40	177.50	177.34	177.24	177.30
1987	177.17	177.12	177.10	177.10	177.09	177.08	177.04	177.00	176.92	176.77	176.71	176.68	176.98
1988	176.61	176.59	176.60	176.69	176.73	176.68	176.62	176.56	176.48	176.41	176.44	176.40	176.57
1989	176.39	176.32	176.36	176.42	176.46	176.58	176.60	176.55	176.45	176.32	176.22	176.15	176.40
1990	176.12	176.14	176.19	176.24	176.35	176.44	176.52	176.51	176.46	176.40	176.37	176.38	176.34
1991													
1992													
1993													
1994													
1995													
1996													
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2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 908-7068 Kewaunee, Wisconsin on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1974 thru 1990													
	176.66	176.65	176.69	176.76	176.86	176.91	176.92	176.89	176.85	176.78	176.72	176.67	176.78
Monthly and Annual Averages for Period 1981 thru 1990													
	176.67	176.66	176.69	176.77	176.84	176.89	176.90	176.87	176.82	176.77	176.73	176.68	176.78
Highest Monthly and Annual Average for Period 1974 thru 1990													
Level	177.17	177.14	177.16	177.26	177.28	177.33	177.38	177.38	177.40	177.50	177.34	177.24	177.30
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1974 thru 1990													
Level	176.12	176.14	176.19	176.24	176.35	176.44	176.52	176.51	176.45	176.32	176.22	176.15	176.34
Year	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1989	1990
Highest Monthly Average for Period 1974 thru 1990 177.50 Oct 1986													
Lowest Monthly Average for Period 1974 thru 1990 176.12 Jan 1990													

Station: 908-7072 Sturgeon Bay Canal, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905	176.48	176.50	176.54	176.60	176.75	176.88	176.93	176.92	176.88	176.73	176.64	176.57	176.70
1906	176.58	176.56	176.62	176.73	176.82	176.90	176.90	176.87	176.74	176.66	176.65	176.61	176.72
1907	176.56	176.58	176.64	176.72	176.78	176.91	176.93	176.91	176.88	176.79	176.72	176.68	176.76
1908	176.68	176.66	176.72	176.78	176.96	177.03	176.95	176.92	176.80	176.67	176.51	176.49	176.77
1909	176.46	176.42	176.41	176.55	176.72	176.78	176.76	176.74	176.65	176.54	176.50	176.45	176.58
1910	176.42	176.41	176.44	176.52	176.56	176.60	176.57	176.52	176.54	176.44	176.33	176.28	176.47
1911	176.27	176.23	176.21	176.27	176.34	176.44	176.38	176.36	176.30	176.30	176.21	176.23	176.30
1912	176.10	176.17	176.15	176.26	176.42	176.57	176.59	176.62	176.62	176.55	176.56	176.50	176.42
1913	176.48	176.43	176.46	176.66	176.77	176.79	176.83	176.85	176.75	176.63	176.54	176.50	176.64
1914	176.44	176.40	176.43	176.44	176.53	176.69	176.63	176.59	176.55	176.51	176.36	176.25	176.48
1915	176.24	176.29	176.30	176.30	176.31	176.36	176.39	176.44	176.41	176.37	176.27	176.26	176.33
1916	176.22	176.23	176.28	176.39	176.58	176.74	176.81	176.77	176.66	176.60	176.60	176.56	176.54
1917	176.51	176.49	176.48	176.64	176.74	176.90	177.03	177.01	176.92	176.84	176.79	176.68	176.75
1918	176.63	176.59	176.70	176.84	176.90	177.00	177.01	176.98	176.87	176.76	176.75	176.72	176.81
1919	176.68	176.61	176.62										176.64
1920													
1921													
1922					176.56								176.56
1923													
1924													
1925					175.94								175.94
1926													
1927							176.29	176.26	176.19	176.15			176.22
1928	176.08	176.11	176.14	176.29	176.38	176.48	176.56	176.59	176.56	176.57	176.59	176.59	176.41
1929	176.57	176.56	176.65	176.87	177.03	177.11	177.14	177.08	176.97	176.88	176.73	176.65	176.85
1930	176.61	176.62	176.63	176.65	176.73	176.75	176.82	176.76	176.61	176.49	176.37	176.24	176.61
1931	176.16	176.12	176.13	176.10	176.14	176.17	176.18	176.08	176.03	175.96	175.90	175.88	176.07
1932	175.89	175.87	175.85	175.91	175.97	176.00	175.98	175.96	175.88	175.82	175.78	175.69	175.88
1933	175.70	175.68	175.67	175.81	175.97	176.04	176.03	175.96	175.86	175.75	175.71	175.65	175.82
1934	175.65	175.62	175.63	175.71	175.78	175.81	175.83	175.79	175.79	175.70	175.69	175.73	175.73
1935	175.69	175.69	175.76	175.82	175.86	175.95	176.01	176.00	175.93	175.83	175.85	175.81	175.85
1936	175.81	175.76	175.82	175.95	175.97	176.03	176.01	175.95	175.98	175.92	175.83	175.77	175.90
1937	175.78	175.80	175.77	175.86	175.96	175.99	176.02	176.00	175.94	175.87	175.80	175.75	175.88
1938	175.74	175.82	175.89	176.04	176.05	176.23	176.31	176.30	176.32	176.26	176.17	176.07	176.10
1939	176.00	176.04	176.04	176.11	176.25	176.39	176.40	176.41	176.40	176.28	176.23	176.10	176.22

Station: 908-7072 Sturgeon Bay Canal, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	176.04	176.04	175.98	176.00	176.10	176.18	176.22	176.26	176.23	176.16	176.07	176.02	176.11
1941	176.05	176.03	176.04	176.08	176.15	176.16	176.12	176.06	176.06	176.08	176.16	176.12	176.09
1942	176.10	176.10	176.13	176.26						176.34	176.28		176.20
1943				176.42	176.56	176.76	176.88	176.90	176.84	176.78	176.71	176.59	176.72
1944					176.62	176.66	176.68	176.66	176.60				176.64
1945	176.37	176.30	176.34	176.42	176.53	176.70	176.64	176.70	176.67	176.60	176.59	176.55	176.54
1946	176.52	176.55	176.64	176.67	176.68	176.72	176.73	176.65	176.56	176.44	176.35	176.24	176.56
1947	176.22	176.21	176.20	176.38	176.54	176.70	176.76	176.78	176.74	176.70	176.60	176.51	176.53
1948	176.42	176.40	176.46	176.59	176.68	176.70	176.70	176.62	176.53	176.36	176.29	176.19	176.49
1949	176.15	176.14	176.15	176.23	176.29	176.32	176.36	176.31	176.15	176.10	175.98	175.90	176.17
1950	175.91	175.96	175.98	176.16	176.26	176.31	176.39	176.42	176.42	176.36	176.28	176.31	176.23
1951	176.31	176.32	176.40	176.57	176.74	176.80	176.88	176.92	176.87	176.91	176.90	176.91	176.71
1952	176.92	176.95	176.97	177.06	177.15	177.20	177.23	177.26	177.18	176.98	176.94	176.89	177.06
1953	176.82	176.78	176.81	176.91	177.00	177.06	177.09	177.09	176.98	176.91	176.78	176.68	176.91
1954	176.62	176.57	176.60	176.68	176.81	176.90	176.94	176.92	176.89	176.94	176.92	176.86	176.80
1955	176.80	176.77	176.73	176.82	176.88	176.90	176.86	176.78	176.62	176.51	176.41	176.35	176.70
1956	176.30	176.27	176.32	176.37	176.50	176.56	176.61	176.60	176.53	176.44	176.33	176.24	176.42
1957	176.17	176.16	176.15	176.20	176.28	176.33	176.41	176.36	176.29	176.21	176.15	176.12	176.24
1958	176.13	176.10	176.11	176.14	176.12	176.10	176.15	176.08	176.02	175.92	175.81	175.68	176.03
1959	175.64	175.63	175.71	175.84	176.05	176.08	176.09	176.10	176.07	176.08	176.06	176.10	175.95
1960	176.09	176.13	176.12	176.23	176.49	176.62	176.70	176.75	176.71	176.59	176.52	176.39	176.45
1961	176.33	176.30	176.32	176.35	176.40	176.42	176.46	176.43	176.40	176.34	176.27	176.18	176.35
1962	176.10	176.14	176.16	176.22	176.35	176.38	176.36	176.31	176.22	176.15	176.04	175.92	176.20
1963	175.85	175.85	175.86	175.92	176.01	176.05	176.03	176.03	175.99	175.89	175.78	175.67	175.91
1964	175.59	175.56	175.58	175.63	175.69	175.76	175.79	175.77	175.74	175.66	175.62	175.59	175.67
1965	175.56	175.58	175.67	175.76	175.93	176.00	176.01	176.02	176.05	176.06	176.03	176.08	175.89
1966	176.06	176.06	176.13	176.21	176.25	176.29	176.24	176.22	176.14	176.01	175.99	176.05	176.14
1967	176.04	176.05	176.05	176.22	176.33	176.43	176.47	176.45	176.39	176.31	176.28	176.28	176.28
1968	176.27	176.26	176.26	176.34	176.41	176.52	176.52	176.54	176.60	176.54	176.50	176.47	176.44
1969	176.46	176.46	176.44	176.55	176.69	176.80	176.93	176.91	176.83	176.73	176.68	176.63	176.68
1970	176.56	176.52	176.52	176.57	176.68	176.76	176.79	176.76	176.75	176.73	176.68	176.66	176.66
1971	176.59	176.61	176.66	176.74	176.86	176.94	176.94	176.94	176.90	176.84	176.75	176.73	176.79
1972	176.64	176.65	176.66	176.73	176.89	176.92	176.97	177.03	177.06	176.99	177.00	176.95	176.88
1973	176.94	176.96	177.02	177.12	177.21	177.30	177.29	177.28		177.12	177.01	177.01	177.12
1974	176.93	176.96	177.00	177.09	177.18	177.28	177.30	177.24	177.11	177.01	176.96	176.90	177.08
1975	176.85	176.84	176.88	176.92	177.06	177.14	177.13	177.10	177.05	176.93	176.86	176.81	176.96
1976	176.74	176.73	176.89	177.02	177.11	177.15	177.14	177.06	176.92	176.77	176.58	176.46	176.88
1977	176.38	176.38	176.45	176.57	176.58	176.55	176.54	176.52	176.54	176.50	176.50	176.51	176.50
1978	176.45	176.44	176.42	176.52	176.61	176.65	176.67	176.67	176.74	176.66	176.60	176.51	176.58
1979	176.48	176.49	176.55	176.72	176.90	176.94	176.98	176.99	176.94	176.88	176.80	176.77	176.79

Station: 908-7072 Sturgeon Bay Canal, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.75	176.71	176.67	176.78	176.85	176.90	176.92	176.93	176.89	176.80	176.69	176.61	176.79
1981	176.58	176.56	176.59	176.68	176.75	176.79	176.83	176.83	176.79	176.74	176.65	176.56	176.70
1982	176.49	176.45	176.46	176.55	176.64	176.66	176.69	176.68	176.65	176.60	176.58	176.65	176.59
1983	176.66	176.68	176.72	176.79	176.92	177.03	177.01	176.99	176.90	176.87	176.79	176.72	176.84
1984	176.69	176.71	176.72	176.83	176.90	177.02	177.05	177.05	177.01	176.96	176.91	176.85	176.89
1985	176.87	176.86	177.01	177.17	177.26	177.26	177.23	177.20	177.20	177.14	177.21	177.16	177.13
1986	177.12	177.13	177.14	177.26	177.28	177.33	177.40	177.38	177.39	177.49	177.33	177.24	177.29
1987	177.16	177.11	177.08	177.09	177.08	177.08	177.04	176.99	176.91	176.77	176.70	176.67	176.97
1988	176.60	176.58	176.59	176.67	176.72	176.67	176.61	176.56	176.47	176.40	176.43	176.38	176.56
1989	176.38	176.30	176.34	176.42	176.45	176.58	176.59	176.54	176.45	176.33	176.23	176.17	176.40
1990	176.14	176.15	176.20	176.26	176.36	176.44	176.51	176.50	176.45	176.40	176.36	176.37	176.35
1991													
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2018													
2019													

Station: 908-7072 Sturgeon Bay Canal, Wisconsin on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1905 thru 1990													
	176.35	176.34	176.37	176.46	176.55	176.62	176.64	176.62	176.56	176.49	176.43	176.39	176.48
Monthly and Annual Averages for Period 1981 thru 1990													
	176.67	176.65	176.68	176.77	176.84	176.89	176.90	176.87	176.82	176.77	176.72	176.68	176.77
Highest Monthly and Annual Average for Period 1905 thru 1990													
Level	177.16	177.13	177.14	177.26	177.28	177.33	177.40	177.38	177.39	177.49	177.33	177.24	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1905 thru 1990													
Level	175.56	175.56	175.58	175.63	175.69	175.76	175.79	175.77	175.74	175.66	175.62	175.59	175.67
Year	1965	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1905 thru 1990 177.49 Oct 1986													
Lowest Monthly Average for Period 1905 thru 1990 175.56 Jan 1965													

Station: 908-7078 Green Bay, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg	
1940														
1941														
1942														
1943														
1944														
1945														
1946														
1947														
1948														
1949														
1950														
1951														
1952														
1953								177.09	177.09	176.97	176.94	176.76	176.65	176.92
1954	176.56		176.53	176.67				176.96	176.93	176.90	176.95	176.91	176.85	176.81
1955	176.80	176.76	176.72	176.83	176.88	176.91	176.87	176.78	176.63	176.51	176.37	176.34	176.70	
1956	176.30	176.27	176.33	176.40	176.52	176.57	176.64	176.61	176.54	176.44	176.33	176.23	176.43	
1957	176.17	176.17	176.16	176.21	176.33	176.34	176.42	176.38	176.31	176.22	176.09	176.11	176.24	
1958	176.13	176.08	176.11	176.15	176.13	176.11	176.15	176.07	176.00	175.93	175.77	175.69	176.03	
1959	175.69	175.72	175.78	175.93	176.08	176.10	176.09	176.12	176.07	176.07	176.04	176.11	175.98	
1960	176.09	176.15	176.14	176.26	176.54	176.63	176.68	176.74	176.71	176.56	176.46	176.35	176.44	
1961	176.30	176.28	176.31	176.36	176.42	176.44	176.45	176.41	176.39	176.34	176.24	176.18	176.34	
1962	176.12	176.15	176.17	176.23	176.35	176.38	176.36	176.29	176.20	176.15	176.02	175.90	176.19	
1963	175.84	175.87	175.90	175.98	176.00	176.04	176.02	176.02	175.98	175.86	175.71	175.64	175.90	
1964	175.56	175.53	175.56	175.60	175.72	175.74	175.79	175.75	175.70	175.62	175.59	175.57	175.64	
1965	175.58	175.59	175.69	175.83	175.94	176.01	176.02	176.03	176.04	176.04	176.01	176.10	175.91	
1966	176.07	176.07	176.17	176.23	176.24	176.27	176.26	176.22	176.14	175.96	176.02	176.03	176.14	
1967	176.03	176.05	176.05	176.22	176.35	176.45	176.48	176.47	176.40	176.30	176.26	176.26	176.28	
1968	176.26	176.23	176.25	176.29	176.43	176.50	176.51	176.55	176.58	176.50	176.48	176.45	176.42	
1969	176.43	176.43	176.41	176.56	176.71	176.81	176.96	176.90	176.83	176.71	176.66	176.62	176.67	
1970	176.57	176.54	176.53	176.61	176.73	176.77	176.78	176.74	176.73	176.69	176.66	176.63	176.67	
1971	176.56	176.63	176.69	176.76	176.86	176.92	176.94	176.96	176.91	176.81	176.68	176.68	176.78	
1972	176.59	176.64	176.66	176.73	176.92	176.95	176.97	177.07	177.05	177.00	177.02	176.91	176.88	
1973	176.91	176.93	177.01	177.07	177.18	177.29	177.28	177.27	177.20	177.14			177.13	
1974			177.04	177.09	177.18	177.32	177.31	177.25	177.12	177.01	176.95	176.90	177.12	
1975	176.83	176.84	176.90	176.92	177.07	177.14	177.12	177.10	177.04	176.91	176.87	176.76	176.96	
1976	176.70	176.69	176.88	177.03	177.12	177.15	177.15	177.07	176.92	176.77	176.54	176.43	176.87	
1977	176.31	176.34	176.43	176.57	176.63	176.55	176.54	176.50	176.53	176.48	176.54	176.53	176.50	
1978	176.46	176.46	176.43	176.55	176.61	176.65	176.66	176.66	176.73	176.64	176.58	176.48	176.58	
1979	176.45	176.47	176.54	176.71	176.89	176.94	176.99	176.98	176.98	176.88	176.76	176.74	176.78	

Station: 908-7078 Green Bay, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.73	176.70	176.67	176.80	176.85	176.91	176.92	176.92	176.86	176.72	176.67	176.60	176.78
1981	176.56	176.56	176.57	176.67	176.77	176.78	176.84	176.85	176.78	176.72			176.71
1982	<i>Station Relocated</i>												
1983													
1984													
1985													
1986													
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Station: 908-7078 Green Bay, Wisconsin on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1953 thru 1981													
	176.32	176.31	176.38	176.47	176.57	176.62	176.66	176.65	176.60	176.51	176.41	176.36	176.51
Monthly and Annual Averages for Period 1972 thru 1981													
	176.62	176.63	176.71	176.81	176.92	176.97	176.98	176.97	176.92	176.83	176.74	176.67	176.83
Highest Monthly and Annual Average for Period 1953 thru 1981													
Level	176.91	176.93	177.04	177.09	177.18	177.32	177.31	177.27	177.20	177.14	177.02	176.91	177.13
Year	1973	1973	1974	1974	1973	1974	1974	1973	1973	1973	1972	1972	1973
Lowest Monthly and Annual Average for Period 1953 thru 1981													
Level	175.56	175.53	175.56	175.60	175.72	175.74	175.79	175.75	175.70	175.62	175.59	175.57	175.64
Year	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964	1964
Highest Monthly Average for Period 1953 thru 1981 177.32 Jun 1974													
Lowest Monthly Average for Period 1953 thru 1981 175.53 Feb 1964													

Station: 908-7079 Green Bay, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
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1974													
1975													
1976													
1977													
1978													
1979													
									176.93	176.88	176.77	176.75	176.83

Station: 908-7079 Green Bay, Wisconsin on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.73	176.71	176.68	176.78	176.91	176.92	176.92	176.92	176.88	176.78	176.68	176.60	176.79
1981	176.56	176.56	176.58	176.62	176.78	176.79	176.84	176.84	176.79	176.72	176.64	176.54	176.69
1982	176.48	176.45	176.45	176.55	176.66	176.68	176.68	176.67	176.66	176.59	176.56	176.62	176.59
1983	176.66	176.67	176.75	176.81	176.95	177.03	177.01	176.99	176.88	176.87	176.81	176.71	176.84
1984	176.69	176.71	176.72	176.86	176.91	177.01	177.04	177.04	177.00	176.94	176.89	176.82	176.89
1985	176.85	176.85	177.02	177.18	177.27	177.26	177.22	177.20	177.19	177.13	177.23	177.15	177.13
1986	177.12	177.12	177.14	177.27	177.30	177.36	177.40	177.37	177.40	177.49	177.28	177.20	177.29
1987	177.15	177.11	177.10	177.12	177.10	177.08	177.03	176.99	176.91	176.75	176.70	176.65	176.97
1988	176.59	176.58	176.60	176.70	176.73	176.69	176.62	176.55	176.48	176.38	176.42	176.34	176.56
1989	176.38	176.30	176.34	176.43	176.45	176.60	176.61	176.54	176.44	176.36	176.20	176.16	176.40
1990	176.14	176.15	176.20	176.27	176.39	176.46	176.53	176.52	176.46	176.40	176.34	176.38	176.35
1991													
1992													
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2016													
2017													
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Station: 908-7079 Green Bay, Wisconsin on Lake Michigan

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1979 thru 1990

176.67	176.66	176.69	176.78	176.86	176.90	176.90	176.88	176.83	176.77	176.71	176.66	176.78
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Monthly and Annual Averages for Period 1981 thru 1990

176.66	176.65	176.69	176.78	176.85	176.89	176.90	176.87	176.82	176.76	176.71	176.66	176.77
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Highest Monthly and Annual Average for Period 1979 thru 1990

Level	177.15	177.12	177.14	177.27	177.30	177.36	177.40	177.37	177.40	177.49	177.28	177.20	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986

Lowest Monthly and Annual Average for Period 1979 thru 1990

Level	176.14	176.15	176.20	176.27	176.39	176.46	176.53	176.52	176.44	176.36	176.20	176.16	176.35
Year	1990	1990	1990	1990	1990	1990	1990	1990	1989	1989	1989	1989	1990

Highest Monthly Average for Period 1979 thru 1990 177.49 Oct 1986

Lowest Monthly Average for Period 1979 thru 1990 176.14 Jan 1990

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 908-7096 Port Inland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964												175.63	175.63
1965	175.59	175.62	175.67	175.78	175.97	176.02	176.04	176.04	176.09	176.09	176.08	176.11	175.92
1966	176.08	176.08	176.16	176.23	176.27	176.31	176.29	176.24	176.16	176.08	176.00	176.07	176.16
1967	176.06	176.06	176.08	176.23	176.35	176.45	176.50	176.46	176.40	176.34	176.31	176.32	176.30
1968	176.29	176.25	176.26	176.35	176.41	176.48	176.54	176.57	176.62	176.58	176.50	176.48	176.44
1969	176.47	176.45	176.44	176.55	176.71	176.83	176.94	176.95	176.85	176.77	176.72	176.64	176.70
1970	176.60	176.55	176.54	176.60	176.70	176.78	176.81	176.78	176.77	176.77	176.71	176.68	176.69
1971	176.61	176.63	176.66	176.75	176.86	176.95	176.97	176.95	176.92	176.87	176.78	176.76	176.81
1972	176.70	176.65	176.65	176.72	176.90	176.93	176.99	177.06	177.08	177.02	177.00	176.95	176.89
1973	176.97	176.96	177.00	177.10	177.21	177.30	177.30	177.30	177.20	177.14	177.02	177.00	177.12
1974	176.94	176.95	176.99	177.08	177.19	177.28	177.32	177.27	177.14	177.04	176.98	176.92	177.09
1975	176.89	176.85	176.88	176.90	177.06	177.16	177.15	177.11	177.07	176.97	176.88	176.82	176.98
1976	176.74	176.73	176.88	177.01	177.11	177.16	177.14	177.06	176.92	176.78	176.60	176.48	176.89
1977	176.41	176.39	176.44	176.55	176.58	176.55	176.55	176.55	176.55	176.51	176.52	176.51	176.51
1978	176.44	176.43	176.42	176.51	176.60	176.67	176.69	176.69	176.73	176.69	176.62	176.52	176.58
1979	176.48	176.47	176.54	176.71	176.88	176.95	176.98	177.00	176.96	176.87	176.82	176.79	176.79

Station: 908-7096 Port Inland, Michigan on Lake Michigan

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	176.76	176.71	176.65	176.76	176.84	176.90	176.92	176.95	176.91	176.80	176.70	176.62	176.79
1981	176.58	176.57	176.58	176.67	176.74	176.81	176.82	176.81	176.76	176.73	176.65	176.58	176.69
1982	176.49	176.46	176.46	176.54	176.63	176.66	176.70	176.68	176.64	176.63	176.61	176.67	176.60
1983	176.66	176.66	176.67	176.77	176.89	177.02	177.02	176.98	176.93	176.87	176.78	176.72	176.83
1984	176.70	176.69	176.69	176.80	176.91	177.02	177.05	177.04	177.02	176.97	176.92	176.86	176.89
1985	176.86	176.85	176.98	177.15	177.25	177.25	177.22	177.20	177.21	177.17	177.19	177.18	177.13
1986	177.12	177.10	177.13	177.24	177.26	177.32	177.40	177.37	177.39	177.49	177.36	177.26	177.29
1987	177.16	177.08	177.05	177.05	177.07	177.07	177.04	176.99	176.90	176.76	176.70	176.67	176.96
1988	176.61	176.58	176.57	176.65	176.69	176.66	176.60	176.57	176.48	176.40	176.44	176.40	176.56
1989	176.39	176.32	176.31	176.41	176.44	176.56	176.56	176.52	176.45	176.32	176.24	176.16	176.39
1990	176.17	176.15	176.18	176.25	176.32	176.47	176.49	176.47	176.42	176.40	176.38	176.37	176.34
1991													
1992													
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Station: 908-7096 Port Inland, Michigan on Lake Michigan

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1964 thru 1990													
	176.57	176.55	176.57	176.67	176.76	176.83	176.85	176.83	176.79	176.73	176.67	176.60	176.67
Monthly and Annual Averages for Period 1981 thru 1990													
	176.67	176.65	176.66	176.75	176.82	176.88	176.89	176.86	176.82	176.77	176.73	176.69	176.77
Highest Monthly and Annual Average for Period 1964 thru 1990													
Level	177.16	177.10	177.13	177.24	177.26	177.32	177.40	177.37	177.39	177.49	177.36	177.26	177.29
Year	1987	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986	1986
Lowest Monthly and Annual Average for Period 1964 thru 1990													
Level	175.59	175.62	175.67	175.78	175.97	176.02	176.04	176.04	176.09	176.08	176.00	175.63	175.63
Year	1965	1965	1965	1965	1965	1965	1965	1965	1965	1966	1966	1964	1964
Highest Monthly Average for Period 1964 thru 1990 177.49 Oct 1986													
Lowest Monthly Average for Period 1964 thru 1990 175.59 Jan 1965													

Station: 909-9004 Point Iroquois, Brimley, Michigan on Lake Superior (Whitefis

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900													
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
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1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930													
1931	183.35	183.28		183.20	183.23	183.29	183.40	183.41	183.40	183.42	183.48	183.46	183.47
1932	183.40	183.38	183.33	183.31	183.39	183.45	183.54	183.60	183.60	183.50	183.46	183.41	183.45
1933	183.32	183.31	183.26	183.29	183.43	183.51	183.56	183.58	183.57	183.59	183.56	183.50	183.46
1934	183.43	183.39	183.36	183.38	183.47	183.55	183.58	183.56	183.58	183.63	183.59	183.57	183.51
1935	183.50	183.44	183.39	183.41	183.48	183.53	183.62	183.66	183.64	183.58	183.54	183.46	183.52
1936	183.42	183.38	183.35	183.38	183.52	183.61	183.61	183.57	183.57	183.54	183.47	183.34	183.48
1937	183.33	183.32	183.30	183.27	183.43	183.51	183.55	183.60	183.63	183.61	183.61	183.53	183.47
1938	183.45	183.40	183.36	183.44	183.62	183.72	183.74	183.73	183.70	183.60	183.59	183.53	183.57
1939	183.48	183.44	183.42	183.44	183.53	183.66	183.76	183.76	183.72	183.64	183.52	183.46	183.57

Station: 909-9004 Point Iroquois, Brimley, Michigan on Lake Superior (Whitefis)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	183.38	183.26	183.20	183.18	183.30	183.46	183.53	183.55	183.55	183.49	183.48	183.42	183.40
1941	183.34	183.29	183.21	183.21	183.34	183.44	183.51	183.54	183.61	183.73	183.69	183.59	183.46
1942	183.50	183.43	183.39	183.38	183.51	183.60	183.61	183.62	183.67	183.64	183.67	183.64	183.56
1943	183.55	183.51	183.46	183.46	183.56	183.73	183.81	183.81	183.77	183.68	183.62	183.52	183.62
1944	183.38	183.31	183.24	183.24	183.37	183.54	183.67	183.76	183.78				183.48
1945													
1946													
1947													
1948													
1949													
1950											183.81	183.72	183.77
1951	183.60	183.52	183.55	183.62	183.72	183.76	183.82	183.81	183.83	183.85	183.82	183.73	183.72
1952	183.66	183.58	183.51	183.55	183.61	183.64	183.77	183.87	183.84	183.72	183.55	183.49	183.65
1953	183.40	183.36	183.30	183.35	183.40	183.57	183.69	183.72	183.69	183.58	183.48	183.43	183.50
1954	183.33	183.27	183.24	183.22	183.45	183.57	183.63	183.61	183.53	183.50	183.42	183.35	183.43
1955	183.27	183.18	183.19	183.21	183.31	183.38	183.40	183.49	183.46	183.51	183.51	183.43	183.36
1956	183.33	183.28	183.17	183.18	183.23	183.32	183.45	183.49	183.50	183.41	183.40	183.32	183.34
1957	183.26	183.15	183.13	183.14	183.26	183.35	183.48	183.50	183.50	183.46	183.44	183.37	183.34
1958	183.28	183.24	183.18	183.14	183.18	183.24	183.35	183.42	183.48	183.46	183.46	183.41	183.32
1959	183.34	183.24	183.21	183.20	183.29	183.41	183.46	183.51	183.62	183.65	183.60	183.45	183.41
1960	183.39	183.32	183.23	183.23	183.46	183.55	183.56	183.55	183.54	183.47	183.43	183.37	183.42
1961	183.26	183.18	183.17	183.19	183.30	183.36	183.38	183.39	183.42	183.42	183.41	183.37	183.32
1962	183.29	183.21	183.18	183.17	183.24	183.35	183.39	183.42	183.50	183.47	183.36	183.32	183.32
1963	183.24	183.17	183.12	183.20	183.25	183.35	183.42	183.45	183.44	183.41	183.39	183.33	183.31
1964	183.23	183.18	183.11	183.08	183.30	183.41	183.49	183.52	183.55	183.52	183.47	183.38	183.35
1965	183.33	183.25	183.19	183.20	183.30	183.38	183.42	183.45	183.44	183.46	183.43	183.40	183.35
1966	183.37	183.30	183.27	183.29	183.38	183.49	183.50	183.55	183.54	183.51	183.45	183.38	183.42
1967	183.33	183.28	183.20	183.29	183.40	183.45	183.51	183.55	183.50	183.44	183.45	183.36	183.40
1968	183.25	183.24	183.14	183.22	183.33	183.49	183.64	183.73	183.78	183.78	183.73	183.62	183.50
1969	183.57	183.55	183.48	183.46	183.55	183.57	183.58	183.59	183.55	183.51	183.47	183.37	183.52
1970	183.33	183.28	183.21	183.18	183.36	183.50	183.59	183.62	183.61	183.58	183.67	183.60	183.46
1971	183.56	183.47	183.46	183.48	183.56	183.66	183.71	183.71	183.66	183.64	183.63	183.58	183.59
1972	183.53	183.44	183.43	183.44	183.55	183.59	183.60	183.67	183.71	183.70	183.62	183.52	183.57
1973	183.46	183.38	183.39	183.44	183.59	183.66	183.74	183.81	183.82	183.76	183.70	183.58	183.61
1974	183.53	183.46	183.41	183.41	183.53	183.64	183.72	183.78	183.81	183.77	183.77	183.70	183.63
1975	183.63	183.59	183.50	183.46	183.55	183.61	183.69	183.68	183.67	183.60	183.60	183.59	183.60
1976	183.51	183.45	183.41	183.50	183.59	183.58	183.65	183.63	183.58	183.49	183.40	183.27	183.51
1977	183.19	183.11	183.12	183.20	183.25	183.31	183.39	183.44	183.58	183.65	183.62	183.55	183.37
1978	183.51	183.38	183.31	183.30	183.34	183.43	183.51	183.56	183.58	183.56	183.45	183.37	183.44
1979	183.30	183.22	183.25	183.32	183.50	183.65	183.69	183.69	183.68	183.62	183.63	183.55	183.51

Station: 909-9004 Point Iroquois, Brimley, Michigan on Lake Superior (Whitefis)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.50	183.42	183.35	183.37	183.39	183.43	183.47	183.49	183.55	183.56	183.48	183.40	183.45
1981	183.30	183.23	183.24	183.32	183.40	183.46	183.51	183.48	183.43	183.38	183.37	183.30	183.37
1982	183.27	183.18	183.14	183.20	183.33	183.41	183.50	183.58	183.58	183.64	183.68	183.62	183.43
1983	183.57	183.49	183.47	183.48	183.52	183.58	183.64	183.64	183.63	183.65	183.61	183.61	183.57
1984	183.50	183.44	183.41	183.40	183.50	183.58	183.65	183.66	183.63	183.59	183.60	183.57	183.54
1985	183.52	183.44	183.41	183.45	183.57	183.66	183.74	183.80	183.85	183.91	183.91	183.86	183.68
1986	183.72	183.64	183.62	183.68	183.75	183.76	183.80	183.85	183.81	183.81	183.77	183.69	183.74
1987	183.60	183.50	183.44	183.41	183.40	183.46	183.49	183.56	183.53	183.48	183.42	183.39	183.48
1988	183.31	183.24	183.16	183.22	183.23	183.26	183.27	183.39	183.44	183.44	183.47	183.49	183.33
1989	183.42	183.37	183.28	183.31	183.39	183.50	183.54	183.52	183.51	183.43	183.41	183.29	183.41
1990	183.20	183.14	183.08	183.08	183.18	183.24	183.34	183.35	183.38	183.40	183.40	183.34	183.26
1991													
1992													
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Station: 909-9004 Point Iroquois, Brimley, Michigan on Lake Superior (Whitefis)

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
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Monthly and Annual Averages for Period 1930 thru 1990

183.41	183.34	183.30	183.32	183.42	183.50	183.57	183.60	183.60	183.57	183.55	183.48	183.48
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Monthly and Annual Averages for Period 1981 thru 1990

183.44	183.37	183.33	183.35	183.43	183.49	183.55	183.58	183.58	183.57	183.56	183.52	183.48
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Highest Monthly and Annual Average for Period 1930 thru 1990

Level	183.72	183.64	183.62	183.68	183.75	183.76	183.82	183.87	183.85	183.91	183.91	183.86	183.77
Year	1986	1986	1986	1986	1986	1986	1951	1952	1985	1985	1985	1985	1950

Lowest Monthly and Annual Average for Period 1930 thru 1990

Level	183.19	183.11	183.08	183.08	183.18	183.24	183.27	183.35	183.38	183.38	183.36	183.27	183.26
Year	1977	1977	1990	1964	1990	1958	1988	1990	1990	1981	1962	1976	1990

Highest Monthly Average for Period 1930 thru 1990 183.91 Nov 1985

Lowest Monthly Average for Period 1930 thru 1990 183.08 Apr 1964

Station: 909-9016 Marquette, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860	183.10	183.09	183.19	183.22	183.26	183.35	183.34	183.34	183.37	183.34	183.32	183.20	183.26
1861	183.12	183.11	183.10	183.11	183.31	183.44	183.41	183.40	183.39	183.37	183.28	183.26	183.28
1862	183.23	183.09	183.05	183.04	183.16	183.20	183.22	183.28	183.30	183.31	183.23	183.17	183.19
1863	183.09	183.04	183.00	182.96	182.99	183.00	183.04	183.13	183.18	183.17	183.20	183.09	183.08
1864	183.01	182.97	182.94	182.90	183.01	183.03	183.06	183.11	183.12	183.06	182.97	183.01	183.02
1865	182.93	182.82	182.82	182.94	183.11	183.21	183.30	183.30	183.29	183.27	183.13	183.04	183.10
1866	182.90	182.77	182.83	182.98	183.04	183.13	183.19	183.23	183.21	183.23	183.20	183.03	183.06
1867	182.94	183.02	183.05	183.06	183.17	183.14	183.21	183.27	183.25	183.26	183.25	183.07	183.14
1868	183.02	182.84	183.00	183.12	183.10	183.10	183.13	183.13	183.18	183.18	183.17	183.17	183.10
1869	183.02	182.95	182.82	182.98	183.11	183.11	183.22	183.36	183.39	183.39	183.36	183.16	183.16
1870	183.09	183.02	183.02	183.05	183.10	183.34	183.40	183.40	183.45	183.40	183.35	183.07	183.23
1871	183.04	182.86	182.98	183.13	183.30	183.34	183.36	183.37	183.40	183.39	183.36	183.20	183.23
1872	183.10	183.07	183.03	183.00	183.20	183.32	183.40	183.45	183.50	183.47	183.42	183.33	183.28
1873	183.30	183.24	183.25	183.26	183.36	183.45	183.54	183.62	183.64	183.63	183.57	183.48	183.45
1874	183.40	183.30	183.29	183.32	183.34	183.40	183.52	183.55	183.58	183.60	183.54	183.45	183.44
1875	183.35	183.34	183.35	183.35	183.42	183.53	183.52	183.55	183.62	183.58	183.53	183.47	183.47
1876	183.41	183.35	183.32	183.33	183.49	183.70	183.82	183.85	183.82	183.72	183.67	183.58	183.59
1877	183.48	183.40	183.32	183.30	183.30	183.37	183.48	183.49	183.44	183.44	183.38	183.36	183.40
1878	183.32	183.36	183.12	183.12	183.20	183.29	183.31	183.28	183.22	183.25	183.18	183.09	183.23
1879	183.07	183.11	183.20	183.08	182.97	183.04	183.11	183.15	183.12	183.14	183.12	182.98	183.09
1880	182.93	182.92	182.89	182.89	183.12	183.36	183.41	183.40	183.40	183.39	183.37	183.29	183.20
1881	183.21	183.18	183.16	183.13	183.22	183.36	183.37	183.39	183.46	183.56	183.54	183.46	183.34
1882	183.35	183.27	183.24	183.22	183.26	183.27	183.36	183.41	183.41	183.36	183.35	183.30	183.32
1883	183.23	183.14	183.14	183.22	183.22	183.26	183.32	183.34	183.32	183.27	183.23	183.18	183.24
1884	183.17	183.12	183.08	183.03	183.11	183.13	183.19	183.20	183.30	183.40	183.36	183.30	183.20
1885	183.23	183.17	183.15	183.13	183.26	183.34	183.41	183.44	183.42	183.36	183.32	183.23	183.29
1886	183.12	183.08	183.06	183.08	183.16	183.20	183.23	183.22	183.22	183.25	183.22	183.17	183.17
1887	183.06	183.07	183.16	183.21	183.13	183.20	183.30	183.31	183.26	183.26	183.18	183.12	183.19
1888	183.08	183.08	183.06	183.06	183.20	183.43	183.50	183.55	183.53	183.50	183.44	183.33	183.32
1889	183.27	183.19	183.12	183.12	183.23	183.28	183.35	183.39	183.43	183.39	183.30	183.18	183.27
1890	183.16	183.12	183.05	183.04	183.13	183.24	183.33	183.38	183.42	183.41	183.34	183.23	183.24
1891	183.11	183.07	183.06	183.05	183.11	183.11	183.12	183.16	183.12	183.17	183.12	183.09	183.11
1892	183.09	183.01	182.97	182.97	183.07	183.18	183.20	183.23	183.25	183.22	183.16	183.08	183.12
1893	182.99	182.97	182.98	183.01	183.16	183.33	183.41	183.43	183.40	183.40	183.35	183.28	183.23
1894	183.22	183.17	183.20	183.24	183.48	183.54	183.55	183.59	183.57	183.58	183.57	183.50	183.43
1895	183.41	183.34	183.29	183.26	183.37	183.47	183.53	183.55	183.59	183.61	183.52	183.42	183.45
1896	183.36	183.30	183.24	183.27	183.47	183.56	183.60	183.61	183.55	183.46	183.48	183.44	183.44
1897	183.39	183.32	183.29	183.30	183.40	183.50	183.59	183.62	183.61	183.54	183.45	183.32	183.44
1898	183.21	183.15	183.10	183.09	183.17	183.31	183.44	183.48	183.50	183.49	183.43	183.36	183.31
1899	183.25	183.18	183.20	183.18	183.40	183.55	183.63	183.68	183.73	183.68	183.65	183.58	183.48

Station: 909-9016 Marquette, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	183.46	183.40	183.34	183.31	183.36	183.38	183.44	183.55	183.71	183.74	183.73	183.61	183.50
1901	183.51	183.41	183.35	183.34	183.42	183.45	183.60	183.64	183.58	183.59	183.57	183.48	183.50
1902	183.36	183.30	183.26	183.27	183.37	183.46	183.54	183.54	183.55	183.52	183.53	183.48	183.43
1903	183.38	183.33	183.27	183.32	183.44	183.55	183.61	183.66	183.66	183.71	183.64	183.55	183.51
1904	183.42	183.36	183.34	183.32	183.41	183.50	183.53	183.55	183.59	183.64	183.61	183.49	183.48
1905	183.41	183.30	183.28	183.34	183.41	183.47	183.56	183.60	183.67	183.67	183.62	183.56	183.49
1906	183.48	183.40	183.33	183.31	183.41	183.50	183.54	183.55	183.55	183.52	183.47	183.40	183.46
1907	183.33	183.28	183.25	183.25	183.30	183.43	183.48	183.54	183.62	183.61	183.53	183.42	183.42
1908	183.29	183.22	183.17	183.15	183.27	183.43	183.52	183.54	183.49	183.44	183.34	183.26	183.34
1909	183.17	183.10	183.07	183.05	183.15	183.25	183.32	183.39	183.39	183.35	183.34	183.34	183.24
1910	183.27	183.18	183.12	183.15	183.19	183.23	183.23	183.26	183.25	183.24	183.17	183.08	183.20
1911	182.98	182.93	182.85	182.82	182.90	183.05	183.15	183.30	183.33	183.32	183.27	183.23	183.09
1912	183.20	183.12	183.09	183.09	183.23	183.33	183.37	183.43	183.47	183.45	183.40	183.33	183.29
1913	183.23	183.14	183.12	183.16	183.29	183.38	183.45	183.49	183.51	183.58	183.53	183.48	183.36
1914	183.39	183.33	183.24	183.22	183.34	183.40	183.47	183.49	183.51	183.48	183.40	183.29	183.38
1915	183.21	183.17	183.10	183.05	183.14	183.23	183.34	183.37	183.38	183.48	183.51	183.48	183.29
1916	183.44	183.39	183.31	183.36	183.55	183.70	183.75	183.78	183.81	183.76	183.71	183.61	183.60
1917	183.49	183.38	183.36	183.34	183.37	183.42	183.45	183.48	183.48	183.46	183.40	183.30	183.41
1918	183.24	183.16	183.12	183.09	183.17	183.30	183.34	183.37	183.42	183.40	183.42	183.40	183.28
1919	183.34	183.28	183.22	183.26	183.33	183.39	183.42	183.43	183.42	183.38	183.40	183.36	183.35
1920	183.26	183.23	183.22	183.32	183.37	183.46	183.53	183.53	183.48	183.44	183.39	183.32	183.38
1921	183.26	183.17	183.12	183.17	183.28	183.36	183.42	183.45	183.45	183.40	183.31	183.24	183.30
1922	183.14	183.07	183.03	183.09	183.24	183.30	183.40	183.44	183.46	183.40	183.34	183.27	183.26
1923	183.20	183.14	183.10	183.08	183.13	183.16	183.22	183.26	183.27	183.26	183.23	183.18	183.19
1924	183.14	183.04	182.98	182.96	183.00	183.03	183.05	183.13	183.20	183.21	183.16	183.09	183.08
1925	182.98	182.93	182.88	182.91	182.94	183.02	183.08	183.11	183.09	183.07	182.97	182.90	182.99
1926	182.79	182.73	182.71	182.69	182.71	182.81	182.92	182.97	183.06	183.15	183.17	183.16	182.90
1927	183.09	183.06	183.05	183.08	183.22	183.34	183.46	183.50	183.47	183.46	183.43	183.37	183.30
1928	183.30	183.21	183.17	183.21	183.31	183.40	183.52	183.56	183.65	183.70	183.64	183.54	183.43
1929	183.44	183.39	183.40	183.44	183.43	183.47	183.53	183.53	183.52	183.52	183.49	183.42	183.46
1930	183.35	183.30	183.28	183.24	183.34	183.44	183.54	183.54	183.49	183.49	183.44	183.38	183.40
1931	183.29	183.21	183.16	183.12	183.17	183.25	183.34	183.36	183.35	183.38	183.39	183.37	183.28
1932	183.32	183.29	183.29	183.23	183.32	183.39	183.47	183.53	183.54	183.44	183.40	183.34	183.38
1933	183.28	183.25	183.21	183.23	183.37	183.47	183.50	183.53	183.52	183.53	183.51	183.44	183.40
1934	183.39	183.34	183.30	183.32	183.42	183.50	183.52	183.50	183.53	183.56	183.55	183.52	183.45
1935	183.44	183.39	183.36	183.35	183.42	183.48	183.56	183.60	183.58	183.52	183.48	183.41	183.46
1936	183.37	183.31	183.29	183.31	183.46	183.54	183.54	183.52	183.52	183.47	183.39	183.29	183.42
1937	183.26	183.25	183.23	183.22	183.38	183.45	183.49	183.55	183.57	183.54	183.53	183.46	183.41
1938	183.41	183.36	183.31	183.39	183.58	183.68	183.69	183.68	183.65	183.56	183.53	183.46	183.52
1939	183.44	183.40	183.37	183.38	183.48	183.62	183.71	183.70	183.67	183.58	183.48	183.41	183.52

Station: 909-9016 Marquette, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	183.33	183.22	183.16	183.13	183.25	183.41	183.49	183.52	183.50	183.44	183.43	183.37	183.35
1941	183.31	183.24	183.16	183.17	183.30	183.40	183.45	183.48	183.56	183.67	183.63	183.55	183.41
1942	183.45	183.38	183.35	183.35	183.48	183.55	183.57	183.58	183.61	183.61	183.62	183.58	183.51
1943	183.51	183.47	183.43	183.41	183.53	183.70	183.78	183.78	183.72	183.64	183.57	183.46	183.58
1944	183.34	183.26	183.21	183.20	183.34	183.52	183.64	183.73	183.75	183.68	183.59	183.52	183.48
1945	183.42	183.36	183.35	183.49	183.50	183.53	183.60	183.63	183.67	183.62	183.56	183.51	183.52
1946	183.44	183.38	183.34	183.40	183.43	183.49	183.58	183.59	183.59	183.59	183.61	183.54	183.50
1947	183.45	183.39	183.32	183.33	183.46	183.64	183.73	183.70	183.70	183.63	183.55	183.45	183.53
1948	183.35	183.25	183.20	183.24	183.38	183.40	183.43	183.48	183.50	183.42	183.41	183.38	183.37
1949	183.32	183.27	183.20	183.21	183.33	183.41	183.54	183.61	183.58	183.57	183.54	183.45	183.42
1950	183.42	183.36	183.32	183.35	183.54	183.72	183.80	183.84	183.81	183.80	183.76	183.67	183.62
1951	183.56	183.50	183.50	183.57	183.69	183.72	183.78	183.78	183.80	183.81	183.76	183.68	183.68
1952	183.62	183.54	183.48	183.50	183.56	183.60	183.75	183.84	183.80	183.65	183.50	183.44	183.60
1953	183.36	183.31	183.26	183.31	183.38	183.54	183.66	183.68	183.66	183.56	183.44	183.39	183.46
1954	183.31	183.23	183.20	183.20	183.42	183.53	183.59	183.57	183.50	183.46	183.39	183.32	183.39
1955	183.23	183.16	183.15	183.18	183.28	183.35	183.37	183.44	183.43	183.47	183.46	183.37	183.32
1956	183.30	183.24	183.15	183.15	183.20	183.30	183.42	183.47	183.46	183.40	183.36	183.29	183.31
1957	183.20	183.12	183.10	183.12	183.24	183.33	183.45	183.46	183.46	183.41	183.38	183.33	183.30
1958	183.25	183.21	183.14	183.12	183.15	183.21	183.33	183.39	183.46	183.43	183.41	183.36	183.29
1959	183.28	183.21	183.18	183.16	183.27	183.39	183.44	183.50	183.60	183.63	183.55	183.44	183.39
1960	183.37	183.30	183.22	183.23	183.46	183.54	183.55	183.53	183.51	183.43	183.39	183.33	183.40
1961	183.24	183.18	183.15	183.17	183.27	183.34	183.37	183.38	183.40	183.40	183.38	183.33	183.30
1962	183.26	183.17	183.11	183.12	183.23	183.33	183.37	183.39	183.46	183.44	183.34	183.28	183.29
1963	183.18	183.12	183.09	183.15	183.23	183.34	183.40	183.44	183.43	183.39	183.36	183.29	183.28
1964	183.20	183.14	183.08	183.08	183.28	183.39	183.47	183.50	183.53	183.50	183.45	183.36	183.33
1965	183.27	183.20	183.15	183.16	183.30	183.37	183.41	183.43	183.41	183.45	183.39	183.38	183.33
1966	183.34	183.26	183.25	183.27	183.35	183.46	183.48	183.53	183.52	183.46	183.42	183.36	183.39
1967	183.30	183.25	183.19	183.26	183.38	183.44	183.49	183.53	183.48	183.43	183.40	183.33	183.37
1968	183.25	183.21	183.13	183.21	183.32	183.48	183.62	183.72	183.78	183.76	183.69	183.60	183.48
1969	183.55	183.51	183.44	183.43	183.54	183.56	183.58	183.58	183.53	183.48	183.43	183.35	183.50
1970	183.29	183.23	183.16	183.16	183.36	183.49	183.59	183.61	183.59	183.59	183.65	183.60	183.44
1971	183.52	183.44	183.44	183.45	183.55	183.66	183.70	183.70	183.66	183.64	183.62	183.55	183.58
1972	183.48	183.42	183.41	183.42	183.54	183.57	183.59	183.68	183.70	183.68	183.60	183.50	183.55
1973	183.43	183.37	183.38	183.43	183.58	183.67	183.74	183.81	183.80	183.74	183.65	183.58	183.60
1974	183.50	183.44	183.39	183.40	183.51	183.63	183.72	183.76	183.81	183.78	183.78	183.69	183.62
1975	183.63	183.58	183.52	183.46	183.56	183.63	183.70	183.68	183.65	183.59	183.59	183.57	183.60
1976	183.49	183.42	183.40	183.47	183.56	183.60	183.64	183.64	183.57	183.47	183.35	183.25	183.49
1977	183.16	183.10	183.12	183.20	183.26	183.30	183.40	183.45	183.58	183.65	183.61	183.54	183.37
1978	183.50	183.38	183.31	183.29	183.35	183.44	183.52	183.57	183.59	183.55	183.43	183.34	183.44
1979	183.26	183.21	183.24	183.30	183.49	183.65	183.68	183.68	183.67	183.62	183.61	183.53	183.49

Station: 909-9016 Marquette, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.48	183.41	183.34	183.35	183.39	183.42	183.46	183.49	183.53				183.43
1981						<i>Station Relocated</i>							
1982													
1983													
1984													
1985													
1986													
1987													
1988													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 909-9016 Marquette, Michigan on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1980													
	183.28	183.22	183.19	183.20	183.30	183.39	183.45	183.49	183.49	183.48	183.43	183.36	183.36
Monthly and Annual Averages for Period 1900 thru 1980													
	183.33	183.27	183.23	183.24	183.34	183.43	183.50	183.53	183.54	183.52	183.48	183.41	183.40
Monthly and Annual Averages for Period 1971 thru 1980													
	183.44	183.38	183.35	183.38	183.48	183.56	183.62	183.65	183.66	183.63	183.58	183.51	183.52
Highest Monthly and Annual Average for Period 1860 thru 1980													
Level	183.63	183.58	183.52	183.57	183.69	183.72	183.82	183.85	183.82	183.81	183.78	183.69	183.68
Year	1975	1975	1975	1951	1951	1951	1876	1876	1876	1951	1974	1974	1951
Lowest Monthly and Annual Average for Period 1860 thru 1980													
Level	182.79	182.73	182.71	182.69	182.71	182.81	182.92	182.97	183.06	183.06	182.97	182.90	182.90
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1864	1925	1925	1926
Highest Monthly Average for Period 1860 thru 1980 183.85 Aug 1876													
Lowest Monthly Average for Period 1860 thru 1980 182.69 Apr 1926													

Station: 909-9018 Marquette C.G., Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.48	183.42	183.34	183.36	183.39	183.42	183.46	183.49	183.55	183.54	183.47	183.38	183.44
1981	183.29	183.23	183.23	183.31	183.39	183.46	183.50	183.48	183.41	183.37	183.35	183.29	183.36
1982	183.24	183.16	183.13	183.19	183.34	183.40	183.50	183.57	183.58	183.64	183.67	183.61	183.42
1983	183.56	183.50	183.48	183.48	183.51	183.59	183.63	183.63	183.62	183.64	183.62	183.59	183.57
1984	183.50	183.44	183.41	183.40	183.49	183.58	183.65	183.66	183.63	183.60	183.59	183.56	183.54
1985	183.50	183.43	183.41	183.45	183.58	183.66	183.74	183.81	183.85	183.91	183.91	183.83	183.67
1986	183.72	183.64	183.62	183.68	183.75	183.76	183.81	183.85	183.81	183.80	183.75	183.68	183.74
1987	183.59	183.51	183.45	183.42	183.42	183.46	183.50	183.55	183.54	183.47	183.41	183.38	183.47
1988	183.30	183.24	183.18	183.21	183.24	183.26	183.27	183.38	183.44	183.43	183.48	183.48	183.32
1989	183.42	183.35	183.29	183.31	183.39	183.50	183.54	183.52	183.50	183.43	183.39	183.29	183.41
1990	183.20	183.14	183.09	183.09	183.18	183.26	183.35	183.36	183.38	183.40	183.38	183.32	183.26
1991													
1992													
1993													
1994													
1995													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 909-9018 Marquette C.G., Michigan on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1980 thru 1990													
	183.44	183.37	183.33	183.35	183.42	183.49	183.54	183.57	183.57	183.57	183.55	183.49	183.47
Monthly and Annual Averages for Period 1981 thru 1990													
	183.43	183.36	183.33	183.35	183.43	183.50	183.55	183.58	183.58	183.57	183.56	183.50	183.48
Highest Monthly and Annual Average for Period 1980 thru 1990													
Level	183.72	183.64	183.62	183.68	183.75	183.76	183.81	183.85	183.85	183.91	183.91	183.83	183.74
Year	1986	1986	1986	1986	1986	1986	1986	1986	1985	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1980 thru 1990													
Level	183.20	183.14	183.09	183.09	183.18	183.26	183.27	183.36	183.38	183.37	183.35	183.29	183.26
Year	1990	1990	1990	1990	1990	1990	1988	1990	1990	1981	1981	1981	1990
Highest Monthly Average for Period 1980 thru 1990 183.91 Oct 1985													
Lowest Monthly Average for Period 1980 thru 1990 183.09 Apr 1990													

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 909-9044 Ontonagon, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959								183.47	183.59	183.60	183.51	183.41	183.52
1960	183.33	183.25	183.18	183.28	183.47	183.52	183.52	183.52	183.49	183.41	183.38	183.28	183.38
1961	183.18	183.13	183.13	183.16	183.25	183.31	183.35	183.34	183.36	183.37	183.34	183.29	183.27
1962	183.19	183.14	183.11	183.12	183.24	183.31	183.35	183.38	183.44	183.41	183.31	183.25	183.27
1963	183.15	183.09	183.09		183.22	183.32	183.39	183.40	183.41	183.38	183.32	183.26	183.28
1964	183.17	183.10	183.04	183.07	183.28	183.38	183.44	183.47	183.51	183.47	183.40	183.37	183.31
1965	183.27	183.18	183.14	183.19	183.30	183.36	183.40	183.41	183.41	183.42	183.39	183.36	183.32
1966	183.30	183.23	183.23	183.24	183.29	183.40	183.43	183.48	183.46	183.42	183.35	183.33	183.35
1967	183.28	183.23	183.17	183.26	183.34	183.41	183.47	183.48	183.45	183.40	183.38	183.32	183.35
1968	183.22	183.13	183.13	183.20	183.30	183.47	183.60	183.69	183.75	183.76	183.67	183.54	183.46
1969		183.52	183.44	183.44	183.53	183.55	183.56	183.57	183.51	183.46	183.41	183.29	183.48
1970	183.26	183.22				183.48	183.57	183.60	183.59	183.57	183.60	183.53	183.49
1971	183.42	183.37	183.35	183.43	183.54	183.64	183.68	183.66	183.64	183.62	183.60	183.45	183.53
1972	183.34	183.34		183.42	183.53	183.57	183.59	183.64	183.69	183.65	183.57	183.46	183.52
1973	183.42	183.35	183.41	183.45	183.51	183.65	183.71	183.79	183.77	183.72	183.63	183.56	183.58
1974	183.47	183.40	183.34	183.36	183.46	183.62	183.71	183.76	183.75	183.74	183.74	183.67	183.58
1975	183.60			183.42	183.52	183.61	183.67	183.67	183.62	183.58	183.56	183.56	183.58
1976				183.50	183.55	183.59	183.62	183.60	183.54	183.44	183.30		183.52
1977			183.15	183.15	183.26	183.29	183.39	183.43	183.57	183.64	183.62		183.39
1978				183.28	183.32	183.43	183.50	183.56	183.60	183.54	183.44		183.46
1979				183.36	183.49	183.65	183.68	183.68	183.66	183.61	183.60		183.59

Station: 909-9044 Ontonagon, Michigan on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980				183.37	183.37	183.42	183.46	183.48	183.53	183.52	183.45	183.36	183.44
1981	183.29		183.28	183.31	183.38	183.47	183.49	183.47	183.40	183.37	183.33	183.26	183.37
1982	183.23	183.13	183.10	183.19	183.35	183.40	183.50	183.56	183.57	183.65	183.67	183.59	183.41
1983	183.55	183.48	183.46	183.46	183.50	183.59	183.63	183.62	183.61	183.62	183.60	183.58	183.56
1984	183.48	183.44	183.40	183.41	183.50	183.59	183.65	183.65	183.62	183.60	183.58	183.54	183.54
1985	183.48	183.41	183.42	183.46	183.58	183.67	183.74	183.81	183.84	183.91	183.90	183.80	183.67
1986	183.70	183.63	183.62	183.69	183.74	183.76	183.81	183.84	183.81	183.79	183.74	183.68	183.73
1987	183.59	183.51	183.45	183.42	183.43	183.48	183.51	183.56	183.53	183.47	183.40	183.38	183.48
1988	183.30	183.22	183.19	183.21	183.24	183.27	183.28	183.39	183.45	183.43	183.49	183.49	183.33
1989	183.44	183.35	183.31	183.34	183.41	183.54	183.55	183.54	183.52	183.40	183.35	183.27	183.42
1990	183.20	183.13	183.10	183.08	183.18	183.26	183.35	183.36	183.36	183.39	183.38	183.32	183.26
1991													
1992													
1993													
1994													
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1996													
1997													
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2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 909-9044 Ontonagon, Michigan on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1959 thru 1990													
	183.35	183.29	183.26	183.32	183.40	183.48	183.54	183.56	183.56	183.54	183.50	183.44	183.45
Monthly and Annual Averages for Period 1981 thru 1990													
	183.43	183.37	183.33	183.36	183.43	183.50	183.55	183.58	183.57	183.56	183.54	183.49	183.48
Highest Monthly and Annual Average for Period 1959 thru 1990													
Level	183.70	183.63	183.62	183.69	183.74	183.76	183.81	183.84	183.84	183.91	183.90	183.80	183.73
Year	1986	1986	1986	1986	1986	1986	1986	1986	1985	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1959 thru 1990													
Level	183.15	183.09	183.04	183.07	183.18	183.26	183.28	183.34	183.36	183.37	183.30	183.25	183.26
Year	1963	1963	1964	1964	1990	1990	1988	1961	1961	1981	1976	1962	1990
Highest Monthly Average for Period 1959 thru 1990 183.91 Oct 1985													
Lowest Monthly Average for Period 1959 thru 1990 183.04 Mar 1964													

Station: 909-9064 Duluth, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860				183.06	183.13	183.18	183.17	183.18	183.18	183.19	183.14		183.15
1861		182.89	182.85	182.98	183.17	183.21	183.26	183.25	183.22	183.23	183.13	183.01	183.11
1862	182.91	182.85	182.86	182.88	183.08	183.08	183.07	183.12	183.16	183.14	183.04	182.96	183.01
1863	182.90	182.86	182.80	182.82	182.86	182.83	182.88	182.97	183.04	183.02	182.94	182.88	182.90
1864	182.81	182.74	182.77	182.77	182.82	182.87	182.89	182.90	182.94	182.86	182.80	182.76	182.83
1865	182.67	182.67	182.63	182.77	182.92	183.04	183.14	183.16	183.16	183.10	182.94	182.84	182.92
1866	182.76	182.69	182.69	182.83	182.91	182.96	183.05	183.12	183.04	183.05	182.95	182.98	182.92
1867	182.90	182.86	182.80	182.87	182.87	183.06	183.16	183.12	183.14	183.14	183.01	182.91	182.99
1868	182.86	182.68	182.79	182.85	182.97	182.94	183.01	182.98	183.02	183.02	183.06	182.93	182.93
1869	182.87	182.79	182.66	182.83	182.96	182.96	183.07	183.21	183.47	183.31	183.21	183.01	183.03
1870	182.93	182.87	182.87	182.90	183.25	183.19	183.25	183.25	183.30	183.25	183.20	182.91	183.10
1871	182.88	182.70	182.83	182.98	183.14	183.18	183.20	183.22	183.25	183.23	183.21	182.98	183.07
1872						183.17	183.25	183.33	183.37	183.32	183.27	183.18	183.27
1873	183.13	183.09	183.10	183.11	183.19	183.30	183.39	183.48	183.44				183.25
1874													
1875													
1876													
1877													
1878													
1879													
1880					182.98	183.21	183.25	183.28	183.21	183.26	183.24		183.20
1881				182.94	183.11	183.24	183.21	183.24	183.36	183.41	183.40		183.24
1882				183.04	183.19	183.19	183.22	183.28	183.30	183.32	183.31		183.23
1883					183.04	183.11	183.20	183.20	183.24	183.15			183.16
1884					182.96	183.14			183.18	183.26	183.21	183.12	183.14
1885	183.06				183.15	183.24	183.30	183.31	183.26	183.21	183.19	183.03	183.20
1886				182.94	183.03	183.07	183.11	183.10	183.07	183.12	183.08		183.06
1887					183.03	183.09	183.18	183.20	183.15	183.10	183.02	183.00	183.10
1888	182.90	182.87	182.89	182.91	183.10	183.36	183.42	183.38	183.41	183.39	183.32	183.14	183.17
1889	183.07	183.02	182.97	182.97	183.11	183.16	183.21	183.26	183.30	183.26	183.15	183.05	183.13
1890	182.96	182.91	182.88	182.89	182.91	183.12	183.22	183.26	183.29	183.30	183.21	183.07	183.09
1891	182.96	182.91	182.90	182.92	182.97	183.02	183.02	183.05	183.03	183.05	182.96	182.94	182.98
1892	182.85	182.83	182.79	182.83	182.95	183.05	183.06	183.07	183.10	183.10	182.98	182.88	182.96
1893	182.79	182.77	182.78	182.86	183.01	183.19	183.23	183.25	183.24	183.25	183.15	183.10	183.05
1894	183.05	182.98	183.01	183.13	183.35	183.39	183.40	183.44	183.39	183.44	183.38	183.31	183.27
1895	183.21	183.14	183.11	183.14	183.25	183.35	183.40	183.41	183.44	183.43	183.37	183.26	183.29
1896	183.21	183.13	183.09	183.18	183.38	183.44	183.46	183.46	183.41	183.32	183.33	183.28	183.31
1897	183.21	183.18	183.16	183.19	183.27	183.40	183.51	183.50	183.49	183.42	183.31	183.15	183.32
1898	183.06	183.01	182.96	182.97	183.04	183.20	183.33	183.35	183.35	183.35	183.29	183.17	183.17
1899	183.10	183.04	183.05	183.07	183.30	183.46	183.51	183.60	183.61	183.59	183.51	183.40	183.35

Station: 909-9064 Duluth, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900	183.30	183.23	183.19	183.18	183.23	183.25	183.32	183.48	183.60	183.65	183.57	183.44	183.37
1901	183.33	183.24	183.22	183.22	183.30	183.36	183.49	183.51	183.47	183.45	183.41	183.31	183.36
1902	183.20	183.14	183.17	183.14	183.27	183.32	183.41	183.40	183.42	183.37	183.39	183.32	183.30
1903	183.21	183.12	183.13	183.20	183.36	183.43	183.46	183.53	183.55	183.57	183.49	183.37	183.37
1904	183.28	183.22	183.21	183.19	183.29	183.40	183.42	183.43	183.49	183.54	183.48	183.37	183.36
1905	183.23	183.16	183.16	183.20	183.33	183.39	183.47	183.52	183.62	183.56	183.51	183.42	183.38
1906	183.35	183.26	183.20	183.22	183.31	183.41	183.44	183.46	183.46	183.40	183.37	183.29	183.35
1907	183.20	183.14	183.12	183.14	183.20	183.34	183.37	183.43	183.48	183.49	183.39	183.29	183.30
1908	183.13	183.07	183.04	183.04	183.17	183.34	183.41	183.42	183.38	183.36	183.20	183.12	183.22
1909	183.04	182.97	182.94	182.96	183.06	183.15	183.21	183.31	183.28	183.23	183.27	183.23	183.14
1910	183.12	183.04	182.98	183.06	183.07	183.12	183.13	183.15	183.15	183.12	183.00	182.91	183.07
1911	182.83	182.79	182.73	182.72	182.81	182.96	183.03	183.19	183.24	183.21	183.12	183.12	182.98
1912	183.00	182.98	182.96	182.99	183.16	183.22	183.26	183.33	183.36	183.31	183.25	183.17	183.17
1913	183.06	182.96	182.97	183.05	183.18	183.25	183.32	183.39	183.42	183.45	183.39	183.33	183.23
1914	183.25	183.14	183.11	183.11	183.25	183.32	183.37	183.39	183.42	183.38	183.24	183.12	183.26
1915	183.06	183.05	182.96	182.95	183.06	183.15	183.24	183.27	183.30	183.38	183.37	183.35	183.18
1916	183.28	183.23	183.21	183.27	183.46	183.61	183.67	183.68	183.70	183.64	183.56	183.46	183.48
1917	183.33	183.22	183.24	183.24	183.25	183.32	183.34	183.37	183.38	183.33	183.27	183.14	183.28
1918	183.07	183.04	183.00	182.99	183.07	183.16	183.24	183.29	183.28	183.29	183.28	183.29	183.17
1919	183.19	183.14	183.12	183.18	183.23	183.30	183.32	183.29	183.30	183.27	183.28	183.20	183.24
1920	183.14	183.10	183.12	183.19	183.28	183.39	183.43	183.46	183.41	183.35	183.27	183.20	183.28
1921	183.15	183.05	183.02	183.10	183.20	183.30	183.33	183.34	183.34	183.27	183.19	183.08	183.20
1922	182.99	182.96	182.94	183.00	183.16	183.22	183.31	183.36	183.39	183.32	183.25	183.14	183.17
1923	183.09	182.97	182.96	182.96	183.05	183.07	183.14	183.15	183.20	183.15	183.12	183.07	183.08
1924	182.98	182.93	182.87	182.87	182.90	182.94	182.98	183.06	183.12	183.15	183.04	182.93	182.98
1925	182.86	182.82	182.78	182.82	182.83	182.94	182.98	183.02	183.03	182.95	182.85	182.75	182.89
1926	182.67	182.62	182.59	182.56	182.63	182.70	182.83	182.90	183.01	183.06	183.06	183.04	182.80
1927	182.96	182.92	182.93	183.00	183.16	183.26	183.37	183.38	183.36	183.36	183.32	183.24	183.19
1928	183.14	183.09	183.04	183.11	183.20	183.31	183.43	183.49	183.56	183.60	183.53	183.42	183.33
1929	183.29	183.28	183.30	183.35	183.32	183.38	183.42	183.42	183.43	183.42	183.37	183.30	183.36
1930	183.21	183.20	183.15	183.14	183.28	183.33	183.44	183.44	183.39	183.38	183.33	183.26	183.30
1931	183.18	183.10	183.06	183.02	183.10	183.18	183.25	183.28	183.26	183.28	183.26	183.29	183.19
1932	183.23	183.18	183.13	183.16	183.26	183.33	183.38	183.46	183.43	183.35	183.32	183.24	183.29
1933	183.20	183.11	183.10	183.15	183.32	183.40	183.45	183.45	183.46	183.43	183.39	183.32	183.32
1934	183.27	183.22	183.20	183.24	183.36	183.42	183.46	183.42	183.46	183.48	183.47	183.41	183.37
1935	183.33	183.27	183.29	183.28	183.36	183.41	183.50	183.55	183.51	183.44	183.40	183.31	183.39
1936	183.26	183.18	183.20	183.22	183.40	183.47	183.48	183.46	183.47	183.37	183.28	183.20	183.33
1937	183.17	183.13	183.12	183.16	183.30	183.38	183.42	183.49	183.49	183.43	183.41	183.35	183.32
1938	183.28	183.26	183.21	183.31	183.52	183.60	183.61	183.59	183.57	183.52	183.44	183.33	183.44
1939	183.33	183.31	183.27	183.29	183.42	183.55	183.63	183.63	183.60	183.48	183.37	183.28	183.43

Station: 909-9064 Duluth, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940	183.15	183.12	183.04	183.05	183.15	183.32	183.42	183.44	183.41	183.37	183.32	183.25	183.25
1941	183.20	183.09	183.05	183.12	183.23	183.34	183.37	183.40	183.52	183.58	183.52	183.45	183.32
1942	183.33	183.27	183.26	183.28	183.41	183.49	183.50	183.51	183.52	183.52	183.52	183.48	183.42
1943	183.40	183.35	183.34	183.34	183.47	183.63	183.70	183.68	183.62	183.56	183.45	183.32	183.49
1944	183.22	183.14	183.14	183.13	183.29	183.47	183.54	183.65	183.68	183.59	183.54	183.38	183.40
1945	183.30	183.26	183.28	183.41	183.42	183.48	183.54	183.55	183.61	183.52	183.48	183.40	183.44
1946	183.32	183.28	183.27	183.33	183.36	183.44	183.50	183.51	183.53	183.52	183.51	183.45	183.42
1947	183.35	183.23	183.19	183.30	183.41	183.59	183.65	183.65	183.63	183.58	183.46	183.36	183.45
1948	183.26	183.16	183.10	183.17	183.30	183.33	183.36	183.42	183.45	183.36	183.34	183.29	183.30
1949	183.24	183.18	183.13	183.15	183.28	183.36	183.50	183.56	183.49	183.49	183.45	183.37	183.35
1950	183.32	183.28	183.24	183.29	183.50	183.65	183.74	183.77	183.76	183.74	183.66	183.59	183.54
1951	183.46	183.42	183.42	183.50	183.62	183.67	183.71	183.72	183.74	183.76	183.68	183.60	183.61
1952	183.53	183.48	183.42	183.43	183.49	183.54	183.68	183.77	183.70	183.52	183.42	183.34	183.53
1953	183.26	183.20	183.19	183.24	183.34	183.49	183.59	183.64	183.55	183.49	183.36	183.28	183.38
1954	183.23	183.15	183.10	183.14	183.36	183.50	183.53	183.49	183.44	183.37	183.31	183.23	183.32
1955	183.14	183.09	183.04	183.14	183.24	183.29	183.32	183.39	183.38	183.40	183.36	183.31	183.26
1956	183.24	183.15	183.09	183.08	183.16	183.24	183.35	183.41	183.40	183.35	183.28	183.21	183.25
1957	183.09	183.04	183.04	183.07	183.20	183.28	183.40	183.41	183.40	183.36	183.30	183.24	183.24
1958	183.19	183.10	183.08	183.07	183.10	183.16	183.29	183.31	183.41	183.37	183.34	183.27	183.22
1959	183.18	183.12	183.12	183.11	183.24	183.34	183.40	183.47	183.57	183.56	183.46	183.38	183.33
1960	183.28	183.22	183.15	183.18	183.42	183.49	183.48	183.51	183.47	183.36	183.31	183.23	183.34
1961	183.15	183.12	183.11	183.13	183.24	183.29	183.32	183.31	183.35	183.35	183.31	183.24	183.24
1962	183.13	183.11	183.10	183.09	183.21	183.30	183.32	183.36	183.40	183.38	183.28	183.19	183.24
1963	183.09	183.06	183.07	183.14	183.20	183.30	183.36	183.39	183.40	183.36	183.28	183.21	183.24
1964	183.14	183.06	183.03	183.07	183.25	183.36	183.43	183.46	183.48	183.44	183.39	183.30	183.28
1965	183.19	183.13	183.11	183.14	183.28	183.34	183.36	183.39	183.40	183.39	183.34	183.34	183.28
1966	183.25	183.20	183.24	183.24	183.32	183.42	183.44	183.50	183.45	183.40	183.35	183.30	183.34
1967	183.25	183.19	183.16	183.26	183.35	183.42	183.44	183.48	183.44	183.39	183.33	183.26	183.33
1968	183.20	183.08	183.08	183.19	183.30	183.46	183.58	183.67	183.75	183.73	183.65	183.57	183.44
1969	183.51	183.47	183.39	183.43	183.52	183.53	183.54	183.52	183.48	183.44	183.37	183.30	183.46
1970	183.22	183.16	183.13	183.16	183.35	183.47	183.55	183.56	183.55	183.56	183.60	183.55	183.40
1971	183.42	183.39	183.39	183.43	183.52	183.64	183.66	183.66	183.63	183.61	183.58	183.50	183.54
1972	183.39	183.36	183.38	183.41	183.52	183.54	183.56	183.65	183.68	183.62	183.56	183.45	183.51
1973	183.38	183.33	183.36	183.41	183.55	183.64	183.70	183.78	183.75	183.71	183.59	183.55	183.56
1974	183.44	183.41	183.36	183.38	183.50	183.60	183.68	183.73	183.72	183.71	183.71	183.64	183.57
1975	183.56	183.50	183.48	183.44	183.52	183.60	183.64	183.64	183.62	183.57	183.56	183.53	183.56
1976	183.43	183.37	183.38	183.47	183.54	183.58	183.61	183.60	183.50	183.41	183.26	183.16	183.44
1977	183.07	183.05	183.11	183.18	183.25	183.28	183.37	183.39	183.56	183.62	183.58	183.52	183.33
1978	183.40	183.32	183.26	183.29	183.33	183.42	183.50	183.55	183.62	183.51	183.39	183.29	183.41
1979	183.19	183.19	183.23	183.30	183.50	183.64	183.66	183.66	183.64	183.59	183.56	183.48	183.47

Station: 909-9064 Duluth, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.42	183.38	183.31	183.34	183.37	183.42	183.45	183.48	183.53	183.49	183.43	183.31	183.41
1981	183.22	183.19	183.20	183.30	183.39	183.46	183.50	183.50	183.40	183.38	183.32	183.25	183.34
1982	183.18	183.13	183.11	183.18	183.37	183.40	183.50	183.56	183.58	183.66	183.64	183.58	183.41
1983	183.54	183.49	183.50	183.48	183.51	183.60	183.63	183.62	183.58	183.62	183.61	183.53	183.56
1984	183.45	183.43	183.39	183.40	183.49	183.59	183.64	183.66	183.62	183.62	183.56	183.51	183.53
1985	183.44	183.40	183.43	183.46	183.59	183.66	183.73	183.80	183.86	183.90	183.88	183.75	183.66
1986	183.68	183.63	183.61	183.70	183.75	183.77	183.82	183.83	183.83	183.79	183.72	183.64	183.73
1987	183.56	183.51	183.47	183.42	183.44	183.46	183.53	183.55	183.52	183.44	183.39	183.35	183.47
1988	183.27	183.18	183.19	183.20	183.26	183.27	183.28	183.40	183.44	183.39	183.47	183.44	183.31
1989	183.41	183.28	183.29	183.32	183.40	183.53	183.55	183.53	183.49	183.40	183.34	183.25	183.40
1990	183.17	183.12	183.09	183.08	183.19	183.28	183.37	183.38	183.39	183.40	183.36	183.30	183.26
1991													
1992													
1993													
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2014													
2015													
2016													
2017													
2018													
2019													

Station: 909-9064 Duluth, Minnesota on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1860 thru 1990													
	183.18	183.12	183.10	183.14	183.24	183.32	183.38	183.41	183.42	183.39	183.34	183.26	183.27
Monthly and Annual Averages for Period 1900 thru 1990													
	183.24	183.18	183.16	183.19	183.30	183.38	183.44	183.47	183.48	183.45	183.40	183.32	183.33
Monthly and Annual Averages for Period 1981 thru 1990													
	183.39	183.34	183.33	183.35	183.44	183.50	183.56	183.58	183.57	183.56	183.53	183.46	183.47
Highest Monthly and Annual Average for Period 1860 thru 1990													
Level	183.68	183.63	183.61	183.70	183.75	183.77	183.82	183.83	183.86	183.90	183.88	183.75	183.73
Year	1986	1986	1986	1986	1986	1986	1986	1986	1985	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1860 thru 1990													
Level	182.67	182.62	182.59	182.56	182.63	182.70	182.83	182.90	182.94	182.86	182.80	182.75	182.80
Year	1926	1926	1926	1926	1926	1926	1926	1926	1864	1864	1864	1925	1926
Highest Monthly Average for Period 1860 thru 1990 183.90 Oct 1985													
Lowest Monthly Average for Period 1860 thru 1990 182.56 Apr 1926													

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 909-9070 Two Harbors, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1860													
1861													
1862													
1863													
1864													
1865													
1866													
1867													
1868													
1869													
1870													
1871													
1872													
1873													
1874													
1875													
1876													
1877													
1878													
1879													
1880													
1881													
1882													
1883													
1884													
1885													
1886													
1887						183.14	183.22	183.26	183.22	183.15			183.20
1888													
1889													
1890													
1891													
1892													
1893													
1894													
1895													
1896													
1897													
1898													
1899							183.56	183.64	183.67	183.63			183.63

U. S. Department of Commerce
 NOAA - NOS Rockville, Maryland
 Great Lakes Water Levels

Monthly and Annual Average Elevations
 Water Levels in Meters, IGLD (1985)

Station: 909-9070 Two Harbors, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1900									183.60	183.67			183.64
1901													
1902													
1903													
1904													
1905													
1906													
1907													
1908													
1909													
1910													
1911													
1912													
1913													
1914													
1915													
1916													
1917													
1918													
1919													
1920													
1921													
1922													
1923													
1924													
1925													
1926													
1927													
1928													
1929													
1930										183.42	183.38		183.40
1931						183.20	183.28	183.31	183.30	183.31			183.28
1932													
1933													
1934													
1935						183.44	183.52	183.56	183.53				183.51
1936													
1937													
1938													
1939													

Station: 909-9070 Two Harbors, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940									183.54	183.62	183.56	183.48	183.55
1941									183.55	183.56	183.56	183.51	183.46
1942	183.37	183.32	183.30	183.31	183.44	183.52	183.53	183.53	183.66	183.59	183.50	183.36	183.52
1943	183.43	183.39	183.38	183.36	183.50	183.66	183.73	183.71	183.72	183.62	183.56	183.43	183.43
1944	183.26	183.18	183.17	183.15	183.31	183.49	183.59	183.69	183.62	183.56	183.49	183.44	183.47
1945	183.36	183.30	183.31	183.44	183.45	183.50	183.57	183.58	183.57	183.56	183.55	183.47	183.45
1946	183.37	183.33	183.31	183.36	183.39	183.44	183.53	183.54	183.66	183.61	183.51	183.38	183.48
1947	183.38	183.29	183.25	183.31	183.42	183.61	183.69	183.68	183.47	183.38	183.36	183.33	183.33
1948	183.29	183.20	183.16	183.22	183.34	183.35	183.38	183.44	183.51	183.52	183.49	183.41	183.38
1949	183.27	183.22	183.17	183.19	183.30	183.38	183.51	183.58	183.80	183.77	183.71	183.62	183.58
1950	183.36	183.31	183.28	183.32	183.53	183.70	183.79	183.82	183.77	183.80	183.73	183.63	183.65
1951	183.50	183.46	183.47	183.54	183.66	183.71	183.75	183.76	183.77	183.58	183.46	183.38	183.57
1952	183.57	183.52	183.46	183.47	183.52	183.58	183.72	183.83	183.77	183.53	183.39	183.32	183.42
1953	183.30	183.25	183.22	183.26	183.36	183.52	183.62	183.66	183.58	183.40	183.35	183.26	183.35
1954	183.26	183.19	183.12	183.16	183.38	183.52	183.55	183.52	183.46	183.44	183.39	183.34	183.29
1955	183.17	183.12	183.08	183.16	183.26	183.32	183.35	183.41	183.39	183.38	183.31	183.25	183.28
1956	183.27	183.18	183.11	183.10	183.18	183.28	183.38	183.43	183.43	183.39	183.34	183.29	183.27
1957	183.14	183.09	183.08	183.11	183.23	183.31	183.43	183.44	183.44	183.41	183.38	183.31	183.26
1958	183.21	183.14	183.11	183.10	183.13	183.19	183.31	183.34	183.44	183.60	183.51	183.40	183.42
1959	183.22	183.22			183.32	183.37	183.42	183.50	183.61	183.40	183.35	183.27	183.37
1960	183.32	183.25	183.19	183.21	183.45	183.52	183.51	183.53	183.50	183.38	183.35	183.29	183.28
1961	183.18	183.16	183.14	183.16	183.26	183.32	183.35	183.34	183.38	183.41	183.32	183.22	183.27
1962	183.17	183.15	183.13	183.12	183.24	183.32	183.35	183.39	183.43	183.39	183.31	183.25	183.27
1963	183.12	183.09	183.10	183.16	183.23	183.33	183.38	183.41	183.43	183.48	183.42	183.34	183.32
1964	183.17	183.10	183.06	183.09	183.28	183.39	183.46	183.49	183.51	183.42	183.38	183.36	183.32
1965	183.23	183.17	183.15	183.17	183.31	183.38	183.40	183.42	183.42	183.43	183.38	183.33	183.36
1966	183.28	183.23	183.25	183.26	183.34	183.44	183.46	183.51	183.47	183.42	183.37	183.27	183.36
1967	183.28	183.22	183.19	183.28	183.37	183.44	183.47	183.50	183.47	183.75	183.67	183.58	183.46
1968	183.23	183.11	183.11	183.21	183.32	183.48	183.60	183.70	183.77	183.46	183.40	183.33	183.48
1969	183.53	183.49	183.41	183.44	183.54	183.55	183.56	183.55	183.51	183.59	183.63	183.58	183.42
1970	183.24	183.18	183.15	183.16	183.35	183.49	183.57	183.58	183.66	183.63	183.60	183.53	183.56
1971	183.45	183.42	183.42	183.44	183.54	183.65	183.68	183.67	183.69	183.65	183.58	183.47	183.53
1972	183.42	183.38	183.40	183.42	183.54	183.56	183.58	183.66	183.72	183.62	183.57	183.57	183.54
1973	183.40	183.35	183.38	183.42	183.55	183.66	183.72		183.76	183.74	183.74	183.67	183.60
1974	183.47	183.43	183.38	183.40	183.52	183.62	183.70	183.76	183.75	183.59	183.58	183.56	183.58
1975	183.60	183.53	183.50	183.45	183.55	183.62	183.66	183.66	183.64	183.43	183.29	183.19	183.46
1976	183.46	183.40	183.40	183.49	183.56	183.59	183.62	183.61	183.52	183.63	183.60	183.53	183.35
1977	183.09	183.07	183.12	183.19	183.26	183.29	183.38	183.41	183.57	183.59	183.42	183.31	183.43
1978	183.42	183.34	183.28	183.30	183.34	183.43	183.51	183.56	183.62	183.60	183.58	183.50	183.49
1979	183.22	183.21	183.25	183.32	183.51	183.65	183.67	183.68	183.65				

Station: 909-9070 Two Harbors, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.44	183.39	183.32	183.35	183.38	183.42	183.46	183.49	183.54	183.51	183.45	183.34	183.43
1981	183.24	183.21	183.21	183.31	183.40	183.47	183.51	183.50	183.41	183.39	183.34	183.28	183.36
1982	183.20	183.15	183.12	183.19	183.37	183.41	183.50	183.57	183.59	183.66	183.66	183.60	183.42
1983	183.55	183.51	183.50	183.48	183.52	183.61	183.64	183.63	183.60	183.63	183.62	183.55	183.57
1984	183.47	183.44	183.40	183.41	183.50	183.61	183.64	183.66	183.63	183.62	183.58	183.53	183.54
1985	183.45	183.41	183.43	183.46	183.60	183.67	183.74	183.81	183.86	183.91	183.90	183.77	183.67
1986	183.69	183.64	183.63	183.69	183.75	183.77	183.82	183.83	183.82	183.80	183.73	183.66	183.74
1987	183.57	183.51	183.46	183.42	183.43	183.46	183.46	183.55	183.52	183.45	183.40	183.36	183.47
1988	183.28	183.19	183.18	183.20	183.26	183.27	183.29						183.24
1989						<i>Station Closed</i>							
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
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2013													
2014													
2015													
2016													
2017													
2018													
2019													

Station: 909-9070 Two Harbors, Minnesota on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1887 thru 1988													
	183.34	183.29	183.27	183.30	183.40	183.47	183.53	183.57	183.57	183.54	183.50	183.42	183.44
Monthly and Annual Averages for Period 1900 thru 1988													
	183.34	183.29	183.27	183.30	183.40	183.48	183.54	183.57	183.57	183.55	183.50	183.42	183.44
Monthly and Annual Averages for Period 1979 thru 1988													
	183.41	183.37	183.35	183.38	183.47	183.53	183.57	183.64	183.63	183.62	183.58	183.51	183.49
Highest Monthly and Annual Average for Period 1887 thru 1988													
Level	183.69	183.64	183.63	183.69	183.75	183.77	183.82	183.83	183.86	183.91	183.90	183.77	183.74
Year	1986	1986	1986	1986	1986	1986	1986	1986	1985	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1887 thru 1988													
Level	183.09	183.07	183.06	183.09	183.13	183.14	183.22	183.26	183.22	183.15	183.29	183.19	183.20
Year	1977	1977	1964	1964	1958	1887	1887	1887	1887	1887	1976	1976	1887
Highest Monthly Average for Period 1887 thru 1988										183.91	Oct	1985	
Lowest Monthly Average for Period 1887 thru 1988										183.06	Mar	1964	

Station: 909-9090 Grand Marais, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1940													
1941													
1942													
1943													
1944													
1945													
1946													
1947													
1948													
1949													
1950													
1951													
1952													
1953													
1954													
1955													
1956													
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966	183.28	183.26	183.27	183.28	183.37	183.46	183.48	183.53	183.50	183.46	183.40	183.35	183.39
1967	183.30	183.24	183.22	183.28	183.39	183.46	183.50	183.52	183.50	183.44	183.40	183.31	183.38
1968	183.25	183.15	183.13	183.22	183.34	183.49	183.63	183.71	183.79	183.78	183.70	183.60	183.48
1969	183.56	183.51	183.44	183.45	183.56	183.57	183.57	183.56	183.52	183.48	183.43	183.35	183.50
1970	183.27	183.21	183.17	183.18	183.36	183.50	183.58	183.59	183.59	183.60	183.65	183.60	183.44
1971	183.49	183.44	183.44	183.46	183.56	183.66	183.70	183.68	183.67	183.65	183.63	183.56	183.58
1972	183.46	183.41	183.42	183.44	183.56	183.58	183.60	183.67	183.71	183.67	183.60	183.49	183.55
1973	183.42	183.37	183.39	183.43	183.58	183.67	183.73	183.81	183.78	183.74	183.64	183.58	183.60
1974	183.49	183.45	183.40	183.41	183.53	183.64	183.71	183.76	183.76	183.76	183.76	183.68	183.61
1975	183.61	183.55	183.50	183.45	183.55	183.62	183.68	183.66	183.65	183.60	183.59	183.57	183.59
1976	183.48	183.42	183.41	183.50	183.57	183.60	183.63	183.62	183.54	183.45	183.32	183.22	183.48
1977	183.15		183.18	183.21	183.27	183.30	183.40	183.43	183.58	183.66	183.63	183.55	183.40
1978	183.45	183.35	183.30	183.30	183.35	183.44	183.51	183.56	183.62	183.55	183.43	183.33	183.43
1979	183.24	183.22	183.26	183.32	183.51	183.66	183.68	183.68	183.67	183.61	183.60	183.52	183.50

Station: 909-9090 Grand Marais, Minnesota on Lake Superior

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
1980	183.46	183.40	183.34	183.35	183.39	183.43	183.46	183.49	183.54	183.52	183.46	183.35	183.43
1981	183.25	183.21	183.21	183.31	183.39	183.48	183.51	183.49	183.41	183.38	183.35	183.28	183.36
1982	183.20	183.16	183.13	183.19	183.37	183.41	183.50	183.57	183.58	183.66	183.67	183.61	183.42
1983	183.56	183.50	183.48	183.48	183.52	183.60	183.63	183.62	183.60	183.64	183.62	183.57	183.57
1984	183.48	183.44	183.40	183.40	183.50	183.60	183.65	183.66	183.63	183.62	183.58	183.54	183.54
1985	183.46	183.42	183.42	183.46	183.59	183.67	183.73	183.81	183.86	183.91	183.90	183.80	183.67
1986	183.70	183.65	183.63	183.69	183.76	183.77	183.81	183.84	183.82	183.80	183.74	183.67	183.74
1987	183.58	183.51	183.45	183.42	183.42	183.46	183.50	183.55	183.52	183.46	183.40	183.37	183.47
1988	183.29	183.21	183.18	183.20	183.25	183.26	183.27	183.38	183.44	183.42	183.48	183.47	183.32
1989	183.43	183.32	183.30	183.32	183.40	183.52	183.55	183.53	183.50	183.41	183.37	183.27	183.41
1990	183.20	183.13	183.10	183.09	183.18	183.27	183.36	183.37	183.38	183.40	183.38	183.31	183.26
1991													
1992													
1993													
1994													
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2017													
2018													
2019													

Station: 909-9090 Grand Marais, Minnesota on Lake Superior

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Avg
Monthly and Annual Averages for Period 1966 thru 1990													
	183.40	183.36	183.33	183.35	183.45	183.53	183.58	183.60	183.61	183.59	183.55	183.48	183.48
Monthly and Annual Averages for Period 1981 thru 1990													
	183.42	183.35	183.33	183.36	183.44	183.50	183.55	183.58	183.58	183.57	183.55	183.49	183.48
Highest Monthly and Annual Average for Period 1966 thru 1990													
Level	183.70	183.65	183.63	183.69	183.76	183.77	183.81	183.84	183.86	183.91	183.90	183.80	183.74
Year	1986	1986	1986	1986	1986	1986	1986	1986	1985	1985	1985	1985	1986
Lowest Monthly and Annual Average for Period 1966 thru 1990													
Level	183.15	183.13	183.10	183.09	183.18	183.26	183.27	183.37	183.38	183.38	183.32	183.22	183.26
Year	1977	1990	1990	1990	1990	1988	1988	1990	1990	1981	1976	1976	1990
Highest Monthly Average for Period 1966 thru 1990 183.91 Oct 1985													
Lowest Monthly Average for Period 1966 thru 1990 183.09 Apr 1990													