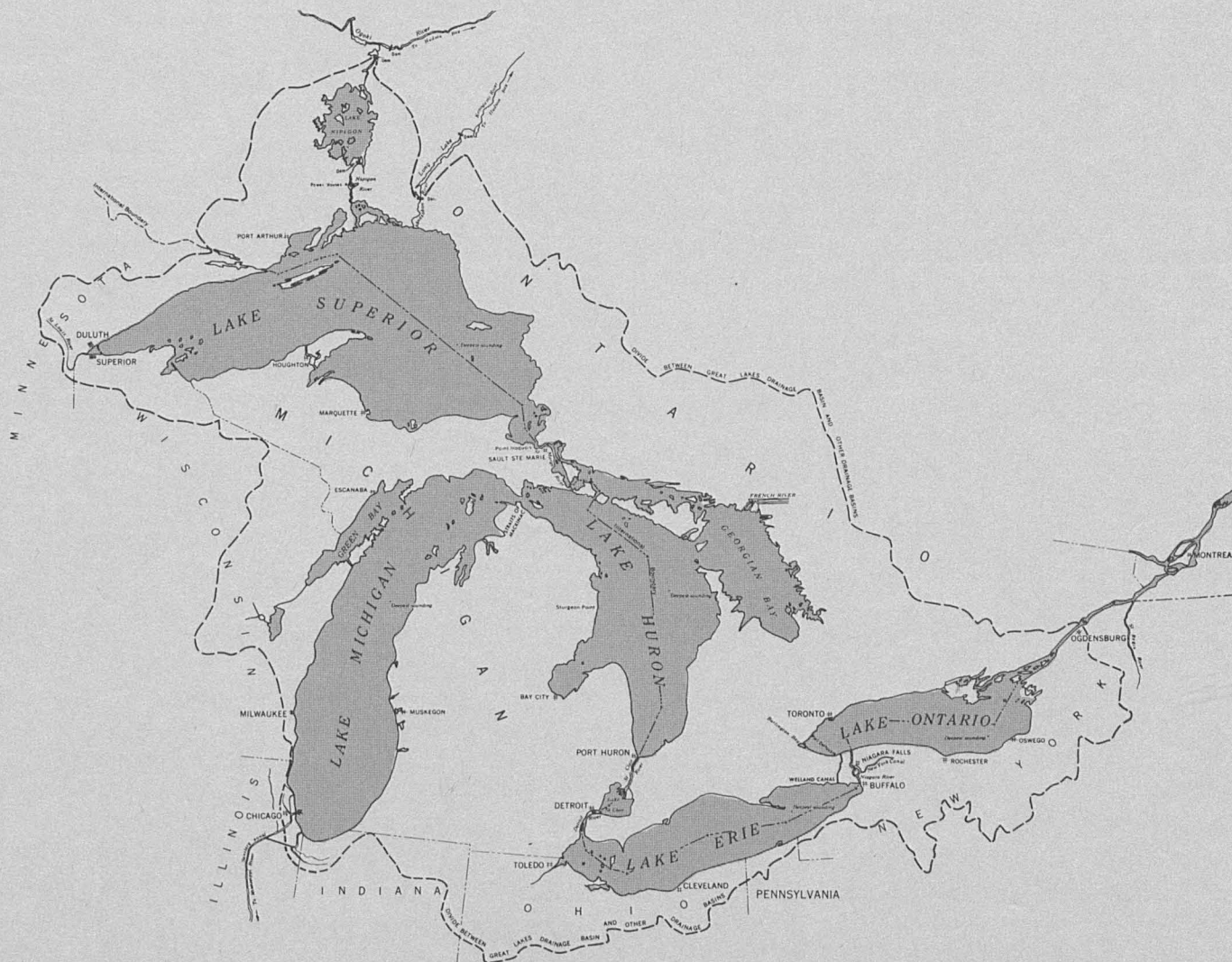




Great Lakes Water Levels, 1976

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

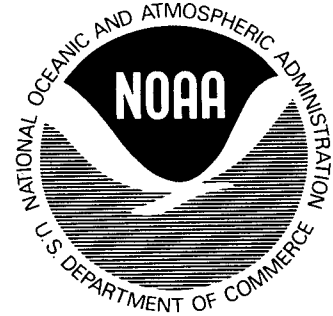




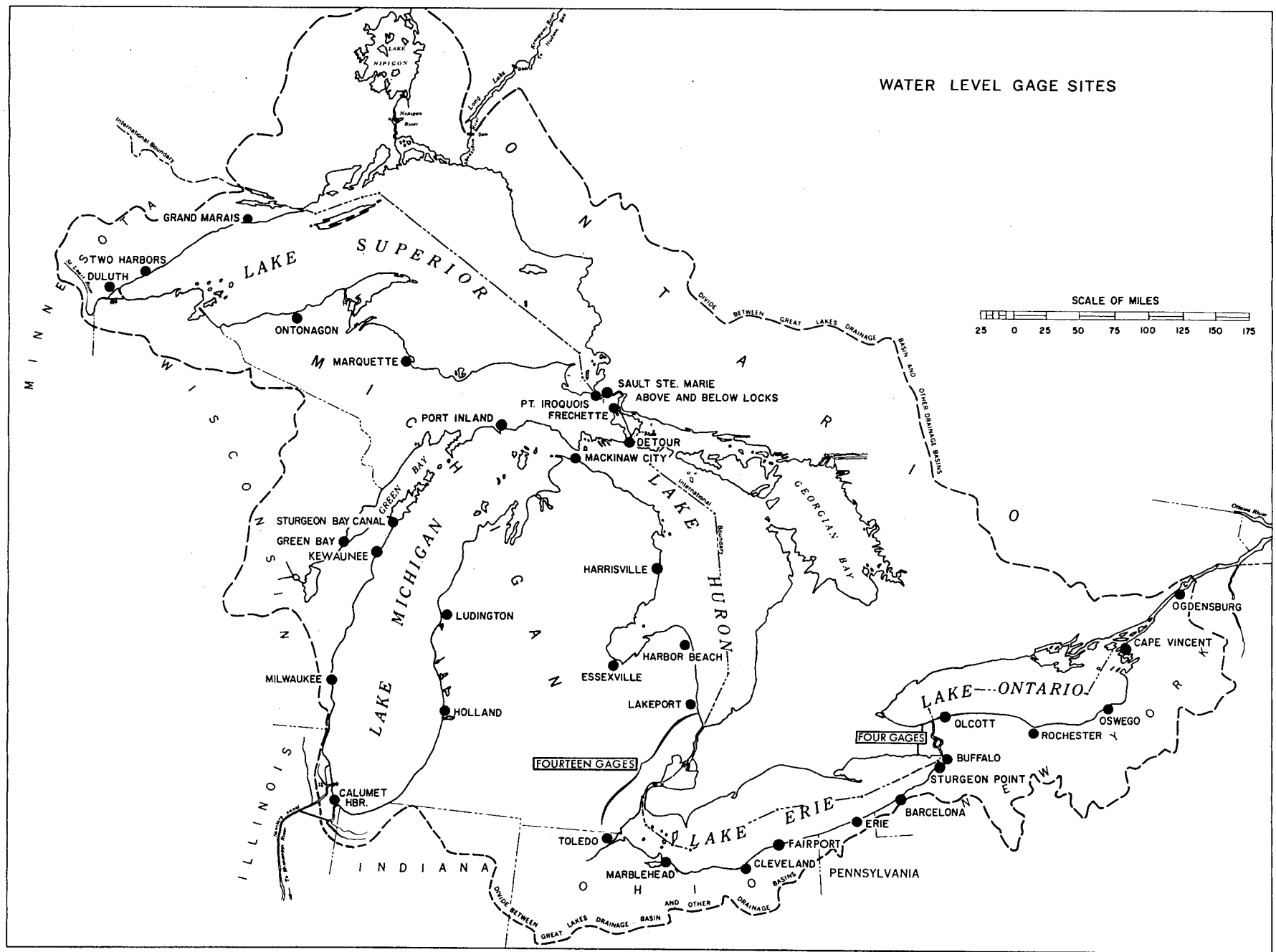
GREAT LAKES WATER LEVELS

1976

Daily and Monthly Average Water Surface Elevations



WATER LEVEL GAGE SITES



I N T R O D U C T I O N

GENERAL. This publication contains Great Lakes water-level gage records and shows in tabular form daily and monthly average levels for each gage in the network for the calendar year and provides a relationship of the water level to the Nautical chart datums. It also contains, in a separate table, the highest and lowest daily average for the month. In addition, a frequency distribution table of daily average levels shows the number of times each month the recorded levels were at or above a specified elevation. The gages record water levels in either analog or digital form on strip charts that are retained for a period of 10 years. Recorded hourly values were used to compute the daily averages, and the monthly values were compiled from the daily averages. The location of the recording water-level gages is shown on the preceding page. An index on the following pages lists the gage location, identification number, and geographic coordinates.

LAKE SURVEY CENTER. The Lake Survey Center was part of the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) and operated under the National Ocean Survey (NOS). Lake Survey was active in Great Lakes hydraulics and hydrography from 1841 to June 30, 1976, when its functions were transferred to the National Ocean Survey at Rockville, Maryland.

DATUM OF REFERENCE: All tabulated elevations are referred to International Great Lakes Datum (1955) and are expressed in feet. An explanation of the datum [IGLD (1955)] can be obtained by writing the National Ocean Survey, Tides and Water Levels Branch, C3314, 6001 Executive Boulevard, Rockville, Maryland 20852.

TABLE OF CONTENTS

STATION NUMBER AND LOCATION	LATITUDE NORTH	LONGITUDE WEST	PAGE NUMBER
<u>ST. LAWRENCE RIVER</u>			
1030 Ogdensburg, New York	44° 42' 10"	75° 29' 40"	1
2000 Cape Vincent, New York	44° 07' 45"	76° 20' 15"	3
<u>LAKE ONTARIO (CHART DATUM 242.8)</u>			
2030 OSWEGO, NEW YORK	43° 27' 51"	76° 30' 42"	5
2058 Rochester, New York	43° 16' 10"	77° 37' 34"	7
2076 Olcott, New York	43° 20' 17"	78° 43' 39"	9
<u>NIAGARA RIVER</u>			
3007 Ashland Avenue, Niagara Falls, New York	43° 06' 00"	79° 03' 35"	11
3009 American Falls, Niagara Falls, New York	43° 04' 54"	79° 03' 42"	13
3012 Niagara Intake, Niagara Falls, New York	43° 04' 40"	79° 00' 55"	17
3117 Ontario St., Buffalo, New York	42° 56' 35"	78° 54' 37"	19
<u>LAKE ERIE (CHART DATUM 568.6)</u>			
3020 Buffalo, New York	42° 52' 39"	78° 53' 27"	21
3028 Sturgeon Point, New York	42° 41' 27"	79° 02' 52"	23
3032 Barcelona, New York	42° 20' 35"	79° 35' 50"	25
3038 Erie, Pennsylvania	42° 09' 15"	80° 04' 32"	27
3053 Fairport, Ohio	41° 45' 00"	81° 17' 00"	29
3063 CLEVELAND, OHIO	41° 32' 27"	81° 38' 08"	31
3079 Marblehead, Ohio	41° 32' 40"	82° 43' 53"	33
3085 Toledo, Ohio	41° 41' 36"	83° 28' 20"	35
3087 Monroe, Michigan	41° 53' 54"	83° 21' 42"	37
3090 Fermi Power Plant, Stony Point, Michigan	41° 57' 35"	83° 15' 30"	39
<u>DETROIT RIVER</u>			
4020 Gibraltar, Michigan	42° 05' 30"	83° 11' 10"	41
4030 Wyandotte, Michigan	42° 12' 12"	83° 08' 50"	43
4036 Fort Wayne, Detroit, Michigan	42° 17' 53"	83° 05' 34"	45
4049 Windmill Point, Detroit, Michigan	42° 21' 26"	82° 55' 45"	47
<u>LAKE ST. CLAIR (CHART DATUM 571.7)</u>			
4052 ST. CLAIR SHORES, MICHIGAN	42° 28' 24"	82° 52' 45"	49

NOTE: Locations shown in CAPITAL letters are master gages.

TABLE OF CONTENTS

STATION NUMBER AND LOCATION	LATITUDE NORTH	LONGITUDE WEST	PAGE NUMBER
<u>ST. CLAIR RIVER</u>			
4070 Algonac, Michigan	42° 37' 15"	82° 31' 37"	51
4080 St. Clair S.P., St. Clair, Michigan	42° 48' 45"	82° 29' 09"	53
4084 Marysville, Michigan	42° 54' 22"	82° 27' 58"	55
4087 Dry Dock, Port Huron, Michigan	42° 56' 43"	82° 26' 37"	57
4090 Mouth of the Black River, Port Huron, MI	42° 58' 25"	82° 25' 16"	59
4096 Dunn Paper Company, Port Huron, Michigan	43° 00' 12"	82° 25' 20"	61
4098 Fort Gratiot, Port Huron, Michigan	43° 00' 23"	82° 25' 21"	63
<u>LAKE HURON (CHART DATUM 576.8)</u>			
5002 Lakeport, Michigan	43° 08' 30"	82° 29' 35"	65
5014 HARBOR BEACH, MICHIGAN	43° 50' 45"	82° 38' 38"	67
5034 Essexville, Michigan	43° 38' 29"	83° 50' 48"	69
5059 Harrisville, Michigan	44° 39' 34"	83° 17' 11"	71
5080 MacKinaw City, Michigan	45° 46' 40"	84° 43' 10"	73
5098 De Tour, Michigan	46° 01' 00"	83° 55' 15"	75
<u>ST. MARYS RIVER</u>			
6050 Frechette Point, Michigan	46° 27' 40"	84° 17' 10"	77
6060 U.S. Slip, Below Locks, Sault Ste. Marie, MI	46° 30' 03"	84° 20' 24"	79
6070 S.W. Pier, Above Locks, Sault Ste. Marie, MI	46° 30' 05"	84° 22' 21"	81
<u>LAKE MICHIGAN (CHART DATUM 576.8)</u>			
7023 Ludington, Michigan	43° 56' 48"	86° 26' 30"	83
7031 Holland, Michigan	42° 46' 05"	86° 12' 06"	85
7044 Calumet Harbor, S. Chicago, Illinois	41° 43' 48"	87° 32' 18"	87
7057 Milwaukee, Wisconsin	43° 00' 05"	87° 53' 13"	89
7068 Kewaunee, Wisconsin	44° 27' 48"	87° 30' 00"	91
7072 Sturgeon Bay Canal, Wisconsin	44° 47' 40"	87° 18' 48"	93
7078 Green Bay, Wisconsin	44° 32' 27"	88° 00' 30"	95
7096 Port Inland, Michigan	45° 58' 10"	85° 52' 20"	97
<u>LAKE SUPERIOR (Chart Datum 600.0)</u>			
9004 POINT IROQUOIS, MICHIGAN	46° 29' 06"	84° 37' 52"	99
9016 Marquette, Michigan	46° 32' 29"	87° 23' 26"	101
9044 Ontonagon, Michigan	46° 52' 40"	89° 19' 15"	103
9064 Duluth, Minnesota	46° 46' 32"	92° 05' 34"	105
9070 Two Harbors, Minnesota	47° 01' 03"	91° 40' 30"	107
9090 Grand Marais, Minnesota	47° 44' 53"	90° 20' 30"	109

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 1030: Ogdensburg, New York on St. Lawrence River

1976 YEARLY MEAN ELEVATION: 244.66 FEET

HIGHEST
Monthly mean elevation: 246.32 May 1976
Daily mean elevation: 246.68 27 May 1976
Instant/hourly Elevation: 246.81 1700/23 May 1976

LOWEST
Monthly mean elevation: 243.37 Dec 1976
Daily mean elevation: 242.94 4 Dec 1976
Instant/hourly Elevation: 242.79 1200/4 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
243.87	14 Jan
244.12	27 Feb
245.69	28 Mar
246.17	29 Apr
246.68	27 May
246.37	7 Jun
246.14	2 Jul
245.36	5 Aug
244.91	4 Sep
244.37	22 Oct
243.99	6 Nov
243.77	14 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
243.01	11 Jan
243.30	18 Feb
243.29	2 Mar
245.43	25 Apr
245.85	7 May
245.73	30 Jun
245.16	29 Jul
244.78	24 Aug
244.09	27 Sep
243.56	9 Oct
243.20	25 Nov
242.94	4 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
246.60					2								246.60	2
246.40					10								246.40	12
246.20					10	8							246.20	30
246.00					7	11	2						246.00	57
245.80					12	2	10						245.80	89
245.60			1	8		1	10						245.60	109
245.40				3			7						245.40	119
245.20			3				3	5					245.20	130
245.00			7				1	16					245.00	154
244.80			1					7	2				244.80	164
244.60			2					3	9				244.60	178
244.40			8						10				244.40	196
244.20			4						5	4			244.20	209
244.00			1						4	7			244.00	223
243.80	1	5	1							11	2		243.80	243
243.60	2	4	1							5	9	3	243.60	267
243.40	16	10	1							4	13	10	243.40	321
243.20	8	8	1								5	14	243.20	357
243.00	4										1	3	243.00	365
242.80												1	242.80	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

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

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		243.18	243.06	243.52	243.52	243.29	243.45	243.53	243.17	243.41	243.23				
11-20 Jan		243.01	243.27	243.49	243.87	243.75	243.78	243.55	243.51	243.48	243.58				
21-31 Jan	243.43	243.46	243.54	243.36	243.26	243.22	243.40	243.48	243.49	243.53	243.38	243.43	0600/14	244.23	1800/2 242.80
1-10 Feb		243.45	243.86	243.64	243.59	243.34	243.44	243.48	243.60	243.46	243.39				
11-20 Feb		243.46	243.31	243.42	243.32	243.35	243.37	243.35	243.30	243.73	243.58				
21-29 Feb	243.59	243.50	243.70	243.76	243.88	243.87	243.91	244.12	243.95	244.11			1200/29	244.40	0500/17 243.09
1-10 Mar		243.89	243.29	243.56	243.79	244.07	244.35	244.55	244.47	244.42	244.44				
11-20 Mar		244.53	244.37	244.82	244.74	244.70	244.32	244.52	244.32	244.43	244.50				
21-31 Mar	244.62	245.02	245.02	245.20	245.16	245.23	245.15	245.29	245.69	245.19	245.02	245.28	0200/28	246.45	0700/2 243.01
1-10 Apr		245.50	245.61	245.79	245.77	246.12	245.99	245.90	245.81	245.84	246.01				
11-20 Apr		245.71	245.80	245.96	245.80	245.81	245.81	245.81	245.79	245.84	245.83				
21-30 Apr	245.84	245.63	245.86	246.01	245.87	245.43	245.60	246.02	246.08	246.17	246.14		0900/23	246.36	0100/26 245.05
1-10 May		245.99	246.04	246.42	246.44	246.37	246.13	245.85	246.39	246.30	246.17				
11-20 May		246.15	246.27	246.27	246.24	246.14	246.02	246.22	246.13	246.43	246.46				
21-31 May	246.32	246.45	246.56	246.64	246.57	246.52	246.56	246.68	246.53	246.39	246.34	246.33	1700/23	246.81	0700/7 245.37
1-10 Jun		246.09	246.23	246.33	246.21	246.23	246.28	246.37	246.30	246.15	246.20				
11-20 Jun		246.22	245.87	246.01	246.14	246.09	246.12	246.04	245.90	245.93	245.96				
21-30 Jun	246.06	245.82	245.86	245.85	245.85	245.92	246.08	246.01	246.04	245.93	245.73		0600/7	246.48	1500/30 245.55
1-10 Jul		245.92	246.14	246.02	245.86	245.91	245.88	245.85	245.84	245.79	245.73				
11-20 Jul		245.74	245.73	245.75	245.72	245.71	245.72	245.89	245.85	245.80	245.79				
21-31 Jul	245.68	245.59	245.46	245.51	245.52	245.42	245.55	245.55	245.27	245.16	245.22	245.27	1700/2	246.33	0600/29 245.09
1-10 Aug		245.24	245.20	245.34	245.34	245.36	245.09	244.87	245.01	245.05	245.09				
11-20 Aug		245.13	245.16	245.20	245.10	245.19	245.23	245.17	245.08	245.07	245.10				
21-31 Aug	245.06	245.10	245.06	244.86	244.78	244.83	244.79	244.79	244.90	244.96	244.82	244.87	1600/3	245.51	1300/9 244.31
1-10 Sep		244.90	244.61	244.69	244.91	244.73	244.61	244.62	244.52	244.42	244.72				
11-20 Sep		244.80	244.57	244.62	244.57	244.44	244.28	244.19	244.34	244.46	244.31				
21-30 Sep	244.50	244.31	244.49	244.65	244.51	244.45	244.18	244.09	244.22	244.53	244.11		1600/23	245.17	1200/27 243.87
1-10 Oct		244.06	244.06	243.96	243.92	243.96	244.00	243.97	243.76	243.56	243.99				
11-20 Oct		243.92	243.95	244.21	244.14	244.20	244.14	243.91	243.88	243.67	243.56				
21-31 Oct	243.94	244.09	244.37	244.22	243.73	243.57	243.57	243.71	244.17	244.25	243.90	243.61	0100/29	244.56	1500/9 242.87
1-10 Nov		243.68	243.73	243.76	243.67	243.71	243.99	243.71	243.58	243.54	243.61				
11-20 Nov		243.53	243.52	243.75	243.97	243.58	243.54	243.52	243.55	243.53	243.30				
21-30 Nov	243.56	243.43	243.56	243.64	243.43	243.20	243.21	243.38	243.30	243.38	243.57		0100/7	244.19	0300/26 243.06
1-10 Dec		243.39	243.40	243.10	242.94	243.36	243.36	243.44	243.13	243.21	243.53				
11-20 Dec		243.72	243.58	243.46	243.77	243.62	243.21	243.35	243.26	243.23	243.25				
21-31 Dec	243.37	243.50	243.44	243.43	243.38	243.44	243.35	243.31	243.11	243.33	243.49	243.42	0500/11	244.56	1200/4 242.79

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 2000: Cape Vincent, New York on the St. Lawrence River

1976 YEARLY MEAN ELEVATION: 245.66 FEET

HIGHEST
Monthly mean elevation: 247.28 Jun 1976
Daily mean elevation: 247.49 27 May 1976
Instant/hourly Elevation: 247.56 2400/31 May 1976

LOWEST
Monthly mean elevation: 244.00 Dec 1976
Daily mean elevation: 243.85 9 Dec 1976
Instant/hourly Elevation: 243.64 1000/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.48	14 Jan
244.96	29 Feb
246.21	28 Mar
247.05	29 Apr
247.49	27 May
247.44	7 Jun
247.26	2 Jul
246.03	29 Aug
245.96	1 Sep
245.20	1 Oct
244.81	6 Nov
244.23	13 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.05	1 Jan
244.40	17 Feb
244.64	2 Mar
246.29	1 Apr
246.96	1 May
247.13	24 Jun
247.24	1 Jul
245.93	30 Aug
245.19	30 Sep
244.67	31 Oct
244.13	25 Nov
243.85	9 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan.	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
247.40					6	4							247.40	10
247.20					9	18	2						247.20	39
247.00				3	13	8							247.00	63
246.80				3	3								246.80	69
246.60				4									246.60	73
246.40				9									246.40	82
246.20			1	2									246.20	85
246.00			4					3					246.00	92
245.80			7					6	5				245.80	110
245.60			6						7				245.60	123
245.40			8						10				245.40	141
245.20			1						7				245.20	149
245.00			1						1	15			245.00	166
244.80		4	1							8	1		244.80	180
244.60		5	2							8	9		244.60	204
244.40	1	3									10		244.40	218
244.20	10	1									7	1	244.20	237
244.00	8										3	8	244.00	256
243.80												17	243.80	273

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 2000: Cape Vincent, New York on the St. Lawrence River

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LWNW			
														Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		244.05	244.05	244.31	244.23	244.14	244.23	244.22	244.07	244.25	244.10						
11-20 Jan		244.09	244.09	244.10	244.48	244.27	244.40	/	/	/	244.39						
21-31 Jan	244.22	244.33	/	/	/	/	/	244.29	/	/	/	/		0200/14	244.78	0600/2	243.80
1-10 Feb		/	/	/	/	/	/	/	/	/	/						
11-20 Feb		/	/	/	/	/	/	244.40	244.42	244.69	244.57						
21-29 Feb	244.70	244.54	244.70	244.72	244.77	244.77	244.81	244.88	244.86	244.96				0900/29	245.21	1300/18	244.30
1-10 Mar		244.77	244.64	245.00	245.11	245.41	245.37	245.54	245.45	245.44	245.52						
11-20 Mar		245.57	245.50	245.79	245.69	245.71	245.56	245.83	245.70	245.75	245.74						
21-31 Mar	245.65	245.95	245.85	245.93	245.91	245.97	245.93	246.09	246.21	246.03	246.01	246.18		2300/27	246.87	0500/2	244.43
1-10 Apr		246.29	246.36	246.43	246.45	246.56	246.52	246.54	246.54	246.56	246.65						
11-20 Apr		246.44	/	/	/	/	/	/	/	/	/						
21-30 Apr	246.67	246.69	246.75	246.90	246.76	246.60	246.86	247.01	247.04	247.05	246.99			0800/23	247.18	0600/4	246.20
1-10 May		246.96	246.97	247.13	247.11	247.06	246.98	247.03	247.24	247.14	247.11						
11-20 May		247.16	247.21	247.14	247.17	247.13	247.09	247.19	247.19	247.37	247.36						
21-31 May	247.23	247.37	247.38	247.40	247.37	247.40	247.44	247.49	247.43	247.42	247.41	247.43		2400/31	247.56	0600/7	246.71
1-10 Jun		247.39	247.41	247.41	247.37	247.39	247.42	247.44	247.39	247.35	247.35						
11-20 Jun		247.34	247.23	247.26	247.27	247.23	247.25	247.25	247.17	247.18	247.23						
21-30 Jun	247.28	247.16	247.18	247.15	247.13	247.25	247.24	247.24	247.25	247.20	247.14			0200/27	247.52	1800/30	246.97
1-10 Jul		247.24	247.26	/	/	/	/	/	/	/	/						
11-20 Jul		/	/	/	/	/	/	/	/	/	/						
21-31 Jul	247.25	/	/	/	/	/	/	/	/	/	/	/		1700/1	247.36	0500/1	247.09
1-10 Aug		/	/	/	/	/	/	/	/	/	/						
11-20 Aug		/	/	/	/	/	/	/	/	/	/						
21-31 Aug	245.98	/	/	246.01	246.01	245.99	245.95	245.94	245.98	246.03	245.93	245.97		2000/28	246.24	2400/29	245.81
1-10 Sep		245.96	245.81	245.84	245.88	245.78	245.72	245.74	245.66	245.60	245.80						
11-20 Sep		245.82	245.64	245.64	245.57	245.50	245.44	245.34	245.48	245.47	245.45						
21-30 Sep	245.56	245.39	245.57	245.59	245.41	245.40	245.30	245.28	245.28	245.36	245.19			1400/1	246.17	0500/17	244.78
1-10 Oct		245.20	245.17	245.12	245.08	245.08	245.08	245.05	244.93	244.90	245.01						
11-20 Oct		244.97	245.01	245.11	245.08	245.11	245.04	244.93	244.89	244.78	244.74						
21-31 Oct	244.96	245.14	245.13	244.95	244.78	244.74	244.72	244.79	244.99	244.86	244.74	244.67		2100/9	245.40	1200/9	244.47
1-10 Nov		244.70	244.72	244.71	244.68	244.70	244.81	244.64	244.60	244.58	244.62						
11-20 Nov		244.53	244.51	244.65	244.62	244.45	244.44	244.40	244.45	244.42	244.29						
21-30 Nov	244.47	244.32	244.42	244.43	244.27	244.13	244.16	244.21	244.13	244.21	244.32			2200/6	244.96	0800/28	243.98
1-10 Dec		244.19	244.16	243.92	243.89	244.00	243.97	244.05	243.99	243.85	244.16						
11-20 Dec		244.09	244.08	244.23	243.95	243.91	243.98	243.89	243.92	244.00	244.06						
21-31 Dec	244.00	243.92	244.06	243.98	243.98	243.90	243.91	/	/	/	/	/		0200/11	244.72	1000/11	243.64

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 2030: Oswego, New York on Lake Ontario

1976 YEARLY MEAN ELEVATION: 245.72 FEET

HIGHEST

Monthly mean elevation: 247.30 May 1976
Daily mean elevation: 247.52 1 Jun 1976
Instant/hourly Elevation: 247.73 0600/7 Jun 1976

LOWEST

Monthly mean elevation: 244.10 Dec 1976
Daily mean elevation: 243.93 6 Dec 1976
Instant/hourly Elevation: 243.76 1200/1 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.60	14 Jan
245.03	28 Feb
246.28	28 Mar
247.15	27 Apr
247.51	27 May
247.52	1 Jun
247.23	2 Jul
246.66	1 Aug
245.95	1 Sep
245.26	14 Oct
244.91	1 Nov
244.37	21 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.09	11 Jan
244.33	10 Feb
245.03	2 Mar
246.35	1 Apr
247.01	5 May
247.14	24 Jun
246.63	31 Jul
245.92	28 Aug
245.29	30 Sep
244.78	30 Oct
244.13	26 Nov
243.93	6 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
247.40					13	8							247.40	21
247.20					9	17	3						247.20	50
247.00				5	9	5	13						247.00	82
246.80				5			7						246.80	94
246.60				16			8	1					246.60	119
246.40				3				6					246.40	128
246.20			2	1				12					246.20	143
246.00			7					8					246.00	158
245.80			5					4	5				245.80	172
245.60			7						9				245.60	188
245.40			6						10				245.40	204
245.20			2						6	5			245.20	217
245.00		1	2							16			245.00	236
244.80		8								9	2		244.80	255
244.60		3								1	12		244.60	271
244.40	8	12									9		244.40	300
244.20	18	5									4	4	244.20	331
244.00	5										3	23	244.00	362
243.80												4	243.80	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 2030: Oswego, New York on Lake Ontario

		Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			244.27	244.17	244.28	244.46	244.26	244.14	244.22	244.26	244.35	244.24					
11-20 Jan			244.09	244.24	244.16	244.60	244.43	244.30	244.38	244.32	244.21	244.34					
21-31 Jan	244.32		244.37	244.56	244.30	244.27	244.18	244.23	244.42	244.45	244.47	244.43	244.38	1400/8	245.24	0100/3	243.90
1-10 Feb			244.43	244.91	244.40	244.55	244.38	244.46	244.51	244.50	244.41	244.33					
11-20 Feb			244.56	244.36	244.48	244.44	244.36	244.45	244.53	244.46	244.74	244.68					
21-29 Feb	244.62		244.65	244.90	244.87	244.83	244.86	244.92	244.98	245.03	245.00			0800/28	245.45	0500/15	244.05
1-10 Mar			245.05	245.03	245.21	245.29	245.47	245.56	245.69	245.60	245.52	245.57					
11-20 Mar			245.74	245.49	245.84	245.77	245.84	245.79	246.02	245.76	245.77	245.79					
21-31 Mar	245.77		246.02	246.00	245.97	245.95	246.05	246.04	246.10	246.28	246.18	246.16	246.21	2100/27	246.67	1100/5	244.32
1-10 Apr			246.35	246.46	246.53	246.57	246.62	246.61	246.65	246.69	246.68	246.70					
11-20 Apr			246.81	246.79	246.75	246.68	246.70	246.76	246.77	246.78	246.78	246.80					
21-30 Apr	246.78		246.79	246.84	246.95	246.86	246.92	247.11	247.15	247.12	247.08	247.06		0900/26	247.21	1200/1	246.12
1-10 May			247.05	247.03	247.14	247.12	247.01	247.13	247.25	247.27	247.20	247.19					
11-20 May			247.24	247.28	247.23	247.21	247.22	247.17	247.23	247.33	247.49	247.46					
21-31 May	247.30		247.43	247.46	247.46	247.47	247.47	247.48	247.51	247.47	247.46	247.46	247.48	1500/19	247.69	1200/5	246.89
1-10 Jun			247.52	247.50	247.47	247.46	247.44	247.42	247.47	247.41	247.39	247.35					
11-20 Jun			247.36	247.34	247.23	247.20	247.22	247.22	247.25	247.22	247.21	247.25					
21-30 Jun	247.30		247.22	247.19	247.17	247.14	247.25	247.22	247.24	247.24	247.24	247.18		0600/7	247.73	2000/14	246.83
1-10 Jul			247.19	247.23	247.21	247.21	247.17	247.12	247.09	247.08	247.06	247.00					
11-20 Jul			247.05	247.16	247.15	247.10	247.01	247.03	247.04	246.97	246.94	246.90					
21-31 Jul	246.97		246.93	246.85	246.78	246.86	246.79	246.72	246.72	246.66	246.64	246.66	246.63	2400/11	247.45	0800/31	246.50
1-10 Aug			246.66	246.55	246.52	246.49	246.46	246.46	246.35	246.36	246.36	246.35					
11-20 Aug			246.31	246.29	246.33	246.33	246.39	246.44	246.38	246.30	246.24	246.20					
21-31 Aug	246.27		246.17	246.14	246.14	246.04	246.01	245.98	245.94	245.92	246.15	246.10	245.98	0100/1	246.81	2100/28	245.68
1-10 Sep			245.95	245.92	245.81	245.80	245.88	245.85	245.79	245.72	245.63	245.74					
11-20 Sep			245.77	245.69	245.63	245.57	245.53	245.48	245.43	245.46	245.50	245.49					
21-30 Sep	245.59		245.48	245.62	245.47	245.48	245.38	245.35	245.37	245.35	245.30	245.29		0600/1	246.16	0800/23	244.85
1-10 Oct			245.25	245.23	245.22	245.14	245.07	245.03	245.13	245.07	245.20	245.22					
11-20 Oct			245.12	245.02	245.09	245.26	245.11	245.17	245.07	245.05	244.90	244.89					
21-31 Oct	245.06		245.14	245.18	245.07	244.88	244.98	244.97	244.93	244.97	244.90	244.78	244.88	1000/15	245.78	2000/30	244.68
1-10 Nov			244.91	244.77	244.76	244.75	244.77	244.81	244.79	244.79	244.64	244.73					
11-20 Nov			244.69	244.66	244.72	244.64	244.51	244.51	244.43	244.51	244.51	244.48					
21-30 Nov	244.55		244.43	244.57	244.55	244.27	244.19	244.13	244.22	244.23	244.32	244.17		0800/1	244.96	0800/26	243.99
1-10 Dec			244.06	244.23	244.11	244.01	244.10	243.93	244.17	244.15	244.12	244.04					
11-20 Dec			244.18	244.13	244.22	244.01	244.05	244.02	244.14	244.12	243.98	244.11					
21-31 Dec	244.10		244.37	244.09	244.04	244.10	243.98	244.05	244.11	243.97	244.11	244.15	244.21	0200/11	244.80	1200/1	243.76

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 2058: Rochester, New York on Lake Ontario

1976 YEARLY MEAN ELEVATION: 245.73 FEET

HIGHEST

Monthly mean elevation: 247.35 May 1976
Daily mean elevation: 247.54 28 May 1976
Instant/hourly Elevation: 247.64 2100/31 May 1976

LOWEST

Monthly mean elevation: 244.07 Dec 1976
Daily mean elevation: 243.99 14 Dec 1976
Instant/hourly Elevation: 243.85 0900/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.49	30 Jan
245.08	28 Feb
246.27	30 Mar
247.12	30 Apr
247.54	28 May
247.53	1 Jun
247.27	3 Jul
246.67	1 Aug
246.00	1 Sep
245.28	1 Oct
244.87	1 Nov
244.20	21 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.19	6 Jan
244.42	15 Feb
245.14	1 Mar
246.38	1 Apr
247.11	5 May
247.19	24 Jun
246.64	31 Jul
245.97	28 Aug
245.27	29 Sep
244.84	28 Oct
244.10	30 Nov
243.99	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
247.40					12	11							247.40	23
247.20					14	18	4						247.20	59
247.00					5	1	13						247.00	84
246.80				10			7						246.80	101
246.60				9			7	2					246.60	119
246.40				4				7					246.40	130
246.20													246.20	145
246.00													246.00	160
245.80													245.80	175
245.60													245.60	189
245.40													245.40	203
245.20													245.20	215
245.00													245.00	234
244.80													244.80	254
244.60													244.60	268
244.40	6	18											244.40	300
244.20	24												244.20	332
244.00	1												244.00	364
243.80													243.80	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 2058: Rochester, New York on Lake Ontario

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		244.31	244.23	244.23	244.31	244.30	244.19	244.22	244.28	244.21	244.27				
11-20 Jan		244.25	244.28	244.24	244.32	244.38	244.32	244.44	244.38	244.28	244.30				
21-31 Jan	244.32	244.34	244.47	244.39	244.34	244.28	244.30	244.41	244.40	244.46	244.49	244.45	1600/27	244.62	0400/3 243.98
1-10 Feb		244.47	244.49	244.43	244.46	244.48	244.43	244.47	244.43	244.47	244.43				
11-20 Feb		244.46	244.44	244.47	244.50	244.42	244.50	244.56	244.55	244.62	244.72				
21-29 Feb	244.63	244.74	244.90	244.90	244.91	244.93	244.98	245.03	245.08	245.05			0600/28	245.30	2200/9 244.21
1-10 Mar		245.14	245.30	245.26	245.37	245.36	245.54	245.56	245.64	245.60	245.63				
11-20 Mar		245.72	245.64	245.72	245.78	245.84	245.85	245.93	245.86	245.86	245.88				
21-31 Mar	245.80	245.98	246.02	246.01	246.03	246.10	246.13	246.13	246.24	246.25	246.27	246.26	1100/31	246.55	1100/5 244.80
1-10 Apr		246.38	246.48	246.54	246.60	246.60	246.65	246.68	246.72	246.72	246.71				
11-20 Apr		246.82	246.78	246.75	246.75	246.77	246.82	246.83	246.84	246.83	246.86				
21-30 Apr	246.81	246.84	246.92	246.94	246.94	247.02	247.08	247.09	247.10	247.11	247.12		0400/26	247.24	1200/1 246.15
1-10 May		247.12	247.13	247.13	247.14	247.11	247.21	247.28	247.26	247.26	247.26				
11-20 May		247.28	247.30	247.28	247.27	247.28	247.28	247.30	247.36	247.39	247.48				
21-31 May	247.35	247.49	247.50	247.51	247.51	247.53	247.53	247.52	247.54	247.52	247.52	247.52	2100/31	247.64	2400/5 247.00
1-10 Jun		247.53	247.53	247.52	247.50	247.48	247.45	247.46	247.45	247.45	247.41				
11-20 Jun		247.42	247.37	247.29	247.27	247.28	247.28	247.33	247.29	247.24	247.27				
21-30 Jun	247.34	247.27	247.24	247.21	247.19	247.25	247.26	247.32	247.28	247.26	247.22		1000/7	247.62	2100/30 247.01
1-10 Jul		247.22	247.25	247.27	247.26	247.19	247.15	247.12	247.13	247.12	247.06				
11-20 Jul		247.01	247.14	247.16	247.10	247.06	247.00	247.02	247.01	246.98	246.93				
21-31 Jul	246.99	246.97	246.91	246.81	246.83	246.80	246.70	246.73	246.71	246.68	246.65	246.64	0100/4	247.35	1800/31 246.55
1-10 Aug		246.67	246.62	246.55	246.51	246.52	246.56	246.48	246.41	246.39	246.38				
11-20 Aug		246.36	246.34	246.41	246.40	246.38	246.37	246.35	246.30	246.25	246.20				
21-31 Aug	246.30	246.18	246.17	246.18	246.10	246.04	246.01	245.98	245.97	246.15	246.12	245.98	0300/2	246.75	1700/27 245.85
1-10 Sep		246.00	245.95	245.84	245.79	245.86	245.82	245.76	245.74	245.69	245.69				
11-20 Sep		245.74	245.71	245.62	245.57	245.55	245.52	245.50	245.47	245.48	245.47				
21-30 Sep	245.59	245.51	245.46	245.42	245.44	245.35	245.36	245.36	245.32	245.27	245.31		1200/1	246.21	1000/23 244.95
1-10 Oct		245.28	245.24	245.20	245.17	245.13	245.11	245.11	245.12	245.18	245.19				
11-20 Oct		245.12	245.06	245.06	245.11	245.05	245.07	245.06	245.00	244.94	244.93				
21-31 Oct	245.04	244.96	244.96	245.00	244.98	244.98	244.96	244.90	244.84	244.84	244.85	244.91	1400/9	245.44	1100/28 244.76
1-10 Nov		244.87	244.77	244.78	244.79	244.76	244.74	244.77	244.77	244.66	244.65				
11-20 Nov		244.66	244.61	244.59	244.55	244.52	244.48	244.43	244.44	244.43	244.44				
21-30 Nov	244.50	244.36	244.30	244.29	244.24	244.22	244.19	244.23	244.21	244.21	244.10		0500/1	244.93	1600/30 244.03
1-10 Dec		244.08	244.12	244.11	244.07	244.06	244.03	244.13	244.14	244.11	244.04				
11-20 Dec		244.11	244.06	244.15	243.99	244.05	244.07	244.10	244.10	244.05	244.08				
21-31 Dec	244.07	244.20	244.08	244.02	244.05	244.02	244.07	244.07	244.02	244.03	243.99	244.09	1700/11	244.30	0900/14 243.85

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 2076: Diccott, New York on Lake Ontario

1976 YEARLY MEAN ELEVATION: 245.74 FEET

HIGHEST

Monthly mean elevation: 247.38 Jun 1976
Daily mean elevation: 247.61 29 May 1976
Instant/hourly Elevation: 247.68 0700/1 Jun 1976

LOWEST

Monthly mean elevation: 244.09 Dec 1976
Daily mean elevation: 243.99 14 Dec 1976
Instant/hourly Elevation: 243.63 0200/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.54	30 Jan
245.09	29 Feb
246.42	30 Mar
247.15	30 Apr
247.61	29 May
247.58	1 Jun
247.29	1 Jul
246.63	1 Aug
245.96	1 Sep
245.30	1 Oct
244.83	3 Nov
244.18	9 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
244.14	9 Jan
244.22	2 Feb
245.18	1 Mar
246.47	1 Apr
247.12	3 May
247.23	24 Jun
246.65	30 Jul
245.98	31 Aug
245.29	29 Sep
244.78	28 Oct
244.11	30 Nov
243.99	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
247.60					1								247.60	1
247.40					11	12							247.40	24
247.20					14	18	5						247.20	61
247.00					5		11						247.00	82
246.80					11		7						246.80	100
246.60					9		8						246.60	121
246.40					5			4					246.40	136
246.20				1				9					246.20	146
246.00				2				8					246.00	162
245.80				7				9					245.80	173
245.60				5				1	5				245.60	190
245.40				9					8				245.40	202
245.20				2					10				245.20	217
245.00				4					7	4			245.00	236
244.80				1						14			244.80	256
244.60										11	4		244.60	268
244.40										2	8		244.40	296
244.20											5		244.20	329
244.00											9		244.00	365
243.80											4	30	243.80	366
												1		

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 2076: Dlcott, New York on Lake Ontario

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		244.33	244.37	244.23	244.25	244.31	244.28	244.25	244.26	244.14	244.28				
11-20 Jan		244.38	244.32	244.39	244.18	244.36	244.35	244.41	244.40	244.38	244.30				
21-31 Jan	244.35	244.34	244.33	244.38	244.42	244.46	244.40	244.46	244.42	244.45	244.54	244.51	0100/30	244.62	0200/14 243.98
1-10 Feb		244.47	244.22	244.44	244.41	244.52	244.44	244.41	244.38	244.47	244.53				
11-20 Feb		244.40	244.49	244.42	244.49	244.48	244.57	244.56	244.71	244.58	244.74				
21-29 Feb	244.64	244.81	244.88	244.92	244.91	244.98	245.02	245.04	245.07	245.09			2300/27	245.36	1900/2 244.03
1-10 Mar		245.18	245.37	245.36	245.40	245.36	245.52	245.51	245.62	245.68	245.66				
11-20 Mar		245.66	245.79	245.67	245.77	245.80	245.89	245.79	245.93	245.91	245.97				
21-31 Mar	245.83	245.91	246.03	246.02	246.10	246.15	246.18	246.19	246.19	246.32	246.42	246.40	1500/27	246.71	1000/3 245.08
1-10 Apr		246.47	246.51	246.54	246.57	246.58	246.64	246.68	246.71	246.74	246.71				
11-20 Apr		246.78	246.73	246.72	246.79	246.83	246.85	246.87	246.87	246.87	246.87				
21-30 Apr	246.82	246.91	246.96	246.93	246.99	247.09	247.00	247.03	247.08	247.12	247.15		0200/25	247.27	0300/1 246.25
1-10 May		247.17	247.18	247.12	247.14	247.17	247.22	247.24	247.24	247.28	247.30				
11-20 May		247.28	247.30	247.34	247.32	247.35	247.38	247.33	247.34	247.27	247.41				
21-31 May	247.37	247.48	247.50	247.50	247.53	247.55	247.54	247.54	247.60	247.61	247.58	247.58	1600/29	247.67	1500/3 247.02
1-10 Jun		247.58	247.56	247.56	247.55	247.50	247.45	247.46	247.48	247.47	247.45				
11-20 Jun		247.43	247.42	247.36	247.35	247.34	247.37	247.33	247.33	247.31	247.30				
21-30 Jun	247.38	247.28	247.25	247.26	247.23	247.28	247.30	247.31	247.30	247.29	247.32		0700/1	247.68	0200/27 247.08
1-10 Jul		247.29	247.28	247.29	247.24	247.21	247.19	247.17	247.16	247.11	247.09				
11-20 Jul		247.05	247.07	247.08	247.07	247.08	247.01	246.98	247.00	246.95	246.93				
21-31 Jul	246.99	246.95	246.90	246.82	246.77	246.75	246.75	246.71	246.70	246.71	246.65	246.65	1700/3	247.36	1300/29 246.49
1-10 Aug		246.63	246.63	246.62	246.62	246.59	246.55	246.50	246.43	246.41	246.36				
11-20 Aug		246.41	246.46	246.44	246.43	246.35	246.32	246.31	246.29	246.26	246.22				
21-31 Aug	246.32	246.20	246.19	246.21	246.09	246.05	246.04	246.08	246.10	246.09	246.03	245.98	1700/27	246.83	2400/31 245.91
1-10 Sep		245.96	245.91	245.83	245.85	245.83	245.75	245.72	245.73	245.70	245.68				
11-20 Sep		245.67	245.63	245.62	245.58	245.56	245.52	245.51	245.47	245.47	245.51				
21-30 Sep	245.58	245.50	245.40	245.41	245.41	245.37	245.38	245.35	245.32	245.29	245.33		1000/1	246.13	0600/29 245.22
1-10 Oct		245.30	245.25	245.22	245.21	245.20	245.16	245.14	245.13	245.11	245.14				
11-20 Oct		245.15	245.12	245.06	245.06	245.07	245.03	245.03	244.97	245.00	244.99				
21-31 Oct	245.04	244.88	244.88	244.96	245.03	244.99	244.95	244.88	244.78	244.79	244.89	244.88	0500/1	245.40	0200/29 244.65
1-10 Nov		244.81	244.82	244.83	244.81	244.80	244.72	244.73	244.71	244.70	244.64				
11-20 Nov		244.65	244.61	244.51	244.49	244.52	244.48	244.50	244.37	244.39	244.38				
21-30 Nov	244.49	244.34	244.19	244.15	244.25	244.26	244.27	244.25	244.22	244.14	244.11		2100/2	244.95	2400/29 243.99
1-10 Dec		244.15	244.10	244.14	244.15	244.07	244.14	244.12	244.09	244.18	244.07				
11-20 Dec		244.09	244.06	244.09	243.99	244.07	244.11	244.06	244.12	244.11	244.10				
21-31 Dec	244.09	244.04	244.06	244.07	244.06	244.06	244.08	244.07	244.15	244.02	244.01	244.03	1000/11	244.31	0200/11 243.63

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3007: Ashland Ave., Niagara Falls, New York on Niagara River

1976 YEARLY MEAN ELEVATION: 322.89 FEET

HIGHEST
Monthly mean elevation: 326.13 Apr 1976
Daily mean elevation: 329.50 28 Mar 1976
Instant/hourly Elevation: 333.82 1000/13 Mar 1976

LOWEST
Monthly mean elevation: 318.24 Dec 1976
Daily mean elevation: 315.71 25 Dec 1976
Instant/hourly Elevation: 315.19 0200/12 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
324.66	4 Jan
323.62	19 Feb
329.50	28 Mar
328.09	6 Apr
327.74	4 May
325.63	25 Jun
325.97	2 Jul
324.74	16 Aug
325.23	10 Sep
325.60	22 Oct
322.67	6 Nov
320.97	1 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
317.46	25 Jan
319.04	6 Feb
318.16	2 Mar
322.61	25 Apr
323.71	15 May
323.74	20 Jun
322.74	25 Jul
321.76	7 Aug
321.29	26 Sep
320.66	31 Oct
317.65	21 Nov
315.71	25 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
329.00				1									329.00	1
328.50													328.50	1
328.00				1	1								328.00	3
327.50				1	2	1							327.50	7
327.00					5	1							327.00	13
326.50				2	5	3							326.50	23
326.00				1	5	5							326.00	74
325.50					4	5	1	2			1		325.50	47
325.00					4	9	11	6		1	1		325.00	79
324.50	1			2	5	7	11	2		2	1		324.50	112
324.00	1			3	1	9	4	10	4	2			324.00	146
323.50	1	1		2	1	2	7	10	6	2			323.50	179
323.00								6	7	2			323.00	196
322.50	4	1		7	1		1		3	3	1		322.50	217
322.00	2	4		4				2	1	7			322.00	237
321.50	4	4		1				1	3	7	3		321.50	260
321.00	3	4							3		2		321.00	275
320.50	6	4	2							2	6	2	320.50	297
320.00	3	5	1								7	2	320.00	315
319.50	1	2									5	3	319.50	326
319.00	1	4									2	5	319.00	338
318.50	1											2	318.50	341
318.00	2			1							3	2	318.00	349
317.50											1	1	317.50	351
317.00	1											9	317.00	361
316.50												1	316.50	362
316.00												2	316.00	364
315.50												2	315.50	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3007: Ashland Ave., Niagara Falls, New York on Niagara River

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		318.77	319.36	322.01	324.66	321.80	321.71	321.28	320.98	322.65	320.02						
11-20 Jan		318.35	321.78	319.91	322.78	322.12	321.72	322.59	322.60	320.78	324.01						
21-31 Jan	321.14	323.63	321.34	320.71	318.08	317.46	320.70	320.72	320.40	321.16	320.22	320.91	0700/4	327.92	0300/11	316.43	
1-10 Feb		320.37	320.82	320.61	320.01	319.25	319.04	320.96	322.68	320.07	319.37						
11-20 Feb		320.36	319.65	319.74	319.44	320.15	322.02	321.18	320.60	323.62	322.29						
21-29 Feb	320.95	321.10	321.79	321.10	322.34	321.97	321.65	321.78	322.10	321.49			0600/19	325.68	0300/6	318.45	
1-10 Mar		320.49	318.16	320.90	322.42	326.50	326.97	327.91	324.01	322.61	323.06						
11-20 Mar		322.73	321.58	328.03	326.51	323.80	322.44	323.75	322.23	323.38	322.91						
21-31 Mar	323.61	324.25	324.99	322.80	322.68	322.73	320.82	324.14	329.50	324.89	322.18	322.56	1000/13	333.82	0400/2	316.60	
1-10 Apr		326.06	326.95	326.04	324.56	325.65	328.09	327.33	326.34	326.64	326.83						
11-20 Apr		327.56	326.97	327.54	327.15	326.42	327.22	325.36	325.04	325.11	325.03						
21-30 Apr	326.13	324.69	326.13	325.73	323.80	322.61	325.88	327.28	327.26	326.84	325.77		1600/13	333.03	0600/25	316.71	
1-10 May		324.82	325.52	326.81	327.74	326.00	324.83	324.62	326.23	326.75	326.44						
11-20 May		326.38	326.52	325.80	325.19	323.71	324.17	325.34	326.10	326.37	327.44						
21-31 May	325.63	325.85	325.65	325.19	325.29	325.19	325.21	325.14	325.21	325.13	324.85	324.89	0800/4	330.16	0400/7	317.24	
1-10 Jun		324.79	324.73	324.79	324.79	323.79	324.37	325.42	325.39	325.26	325.09						
11-20 Jun		325.15	324.64	324.03	325.19	325.08	325.28	325.20	324.29	324.45	323.74						
21-30 Jun	324.73	324.19	324.16	324.11	324.09	325.63	325.03	324.82	325.02	324.86	324.43		2000/30	328.55	0500/30	318.04	
1-10 Jul		325.69	325.97	325.11	324.66	325.07	324.78	324.83	325.11	324.26	323.63						
11-20 Jul		324.36	325.24	325.23	324.90	324.67	324.94	324.44	324.73	325.15	324.81						
21-31 Jul	324.55	324.53	323.75	324.27	323.98	322.74	324.53	324.64	323.93	323.88	323.62	323.69	1200/2	328.55	0500/25	316.98	
1-10 Aug		323.44	324.30	324.05	323.84	324.24	323.45	321.76	322.20	324.04	323.82						
11-20 Aug		323.63	324.48	324.63	323.11	323.79	324.74	324.16	323.90	323.86	323.68						
21-31 Aug	323.70	323.07	323.21	324.44	322.32	323.04	323.51	323.60	323.70	324.21	324.33	324.09	1100/30	328.60	0400/7	315.36	
1-10 Sep		324.56	322.41	323.17	324.08	323.33	323.51	324.33	323.94	323.46	325.23						
11-20 Sep		323.83	323.07	323.70	323.24	322.73	321.50	321.34	323.39	323.50	324.09						
21-30 Sep	323.24	323.84	324.77	324.36	322.79	321.83	321.29	321.68	321.96	323.66	322.71		1700/23	328.72	0200/17	315.36	
1-10 Oct		322.08	321.24	321.38	322.03	321.66	322.44	321.75	321.49	321.91	322.81						
11-20 Oct		322.13	322.44	323.58	323.94	324.28	322.85	322.94	322.08	321.58	323.01						
21-31 Oct	322.57	325.19	325.60	323.29	321.75	322.09	321.52	320.97	324.24	324.97	321.88	320.66	1200/15	328.76	0400/31	315.26	
1-10 Nov		319.48	320.94	321.27	320.67	321.35	322.67	320.82	320.03	320.46	320.32						
11-20 Nov		319.70	319.42	320.67	321.84	320.35	319.56	320.10	320.66	320.20	318.36						
21-30 Nov	320.22	317.65	320.84	321.70	320.36	319.93	319.72	318.26	318.15	319.62	321.63		1600/6	323.32	0100/1	315.60	
1-10 Dec		320.97	320.57	319.20	317.05	316.46	317.39	317.30	317.78	320.01	319.61						
11-20 Dec		318.28	319.12	320.15	319.91	319.20	317.17	319.77	316.97	315.72	318.77						
21-31 Dec	318.24	319.47	319.15	318.77	317.03	315.71	317.35	317.16	316.29	317.50	317.36	318.25	2100/31	323.21	0200/12	315.19	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3009: American Falls, Niagara Falls, New York on Niagara River

1976 YEARLY MEAN ELEVATION: 558.50 FEET

HIGHEST
Monthly mean elevation: 558.65 Jul 1976
Daily mean elevation: 559.20 25 Jun 1976
Instant/hourly Elevation: 559.74 0700/25 Jun 1976

LOWEST
Monthly mean elevation: 558.29 Dec 1976
Daily mean elevation: 557.62 24 Dec 1976
Instant/hourly Elevation: 557.34 2100/22 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
	Jan
	Feb
	Mar
	Apr
	May
559.20	25 Jun
559.18	1 Jul
558.77	13 Aug
559.02	23 Sep
558.89	22 Oct
558.98	6 Nov
558.74	14 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
	Jan
	Feb
	Mar
	Apr
	May
558.35	18 Jun
558.41	22 Jul
558.36	7 Aug
558.33	27 Sep
558.21	9 Oct
557.84	21 Nov
557.62	24 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
559.00						1	2		1				559.00	4
558.80						2	4		2	3	3		558.80	18
558.60						6	9	7	5	5	2	4	558.60	56
558.40						7	16	23	15	13	7	10	558.40	147
558.20						1		1	7	10	9	5	558.20	180
558.00											5	7	558.00	192
557.80											4	2	557.80	198
557.60												3	557.60	201

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3009: American Falls, Niagara Falls, New York on Niagara River

		Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		/	/	/	/	/	/	/	/	/	/					
11-20 Jan		/	/	/	/	/	/	/	/	/	/					
21-31 Jan		/	/	/	/	/	/	/	/	/	/	/				
1-10 Feb		/	/	/	/	/	/	/	/	/	/					
11-20 Feb		/	/	/	/	/	/	/	/	/	/					
21-29 Feb		/	/	/	/	/	/	/	/	/	/					
1-10 Mar		/	/	/	/	/	/	/	/	/	/					
11-20 Mar		/	/	/	/	/	/	/	/	/	/					
21-31 Mar		/	/	/	/	/	/	/	/	/	/	/				
1-10 Apr		/	/	/	/	/	/	/	/	/	/					
11-20 Apr		/	/	/	/	/	/	/	/	/	/					
21-30 Apr		/	/	/	/	/	/	/	/	/	/					
1-10 May		/	/	/	/	/	/	/	/	/	/					
11-20 May		/	/	/	/	/	/	/	/	/	/					
21-31 May		/	/	/	/	/	/	/	/	/	/	/				
1-10 Jun		/	/	/	/	/	/	/	/	/	/					
11-20 Jun		/	/	/	558.55	558.65	558.82	558.65	558.35	558.48	558.45					
21-30 Jun	558.63	558.44	558.50	558.66	558.64	559.20	558.81	558.71	558.57	558.59	558.64	0700/25	559.74	2000/18	557.68	
1-10 Jul		559.18	559.14	558.63	558.50	558.57	558.48	558.62	558.58	558.49	558.57					
11-20 Jul		558.82	558.98	558.98	558.73	558.58	558.87	558.77	558.68	558.79	558.68					
21-31 Jul	558.65	558.64	558.41	558.43	558.48	558.42	558.50	558.58	558.46	558.44	558.58	558.63	0700/2	559.58	2100/22	557.80
1-10 Aug		558.56	558.54	558.57	558.55	558.61	558.50	558.36	558.56	558.59	558.60					
11-20 Aug		558.65	558.66	558.77	558.61	558.55	558.54	558.44	558.45	558.48	558.47					
21-31 Aug	558.54	558.49	558.46	558.46	558.44	558.52	558.53	558.64	558.75	558.56	558.42	558.41	0700/28	559.39	2100/29	557.58
1-10 Sep		558.54	558.35	558.45	558.55	558.40	558.58	558.56	558.61	558.54	558.76					
11-20 Sep		558.67	558.46	558.48	558.38	558.40	558.44	558.52	558.92	558.60	558.66					
21-30 Sep	558.55	558.57	558.89	559.02	558.52	558.41	558.37	558.33	558.35	558.55	558.66	1600/23	559.49	1900/28	557.37	
1-10 Oct		558.59	558.65	558.66	558.56	558.55	558.53	558.49	558.42	558.21	558.42					
11-20 Oct		558.46	558.51	558.54	558.69	558.86	558.63	558.50	558.36	558.40	558.40					
21-31 Oct	558.50	558.44	558.89	558.49	558.29	558.31	558.23	558.27	558.70	558.86	558.36	558.33	0600/29	559.51	1700/13	557.50
1-10 Nov		558.55	558.60	558.69	558.44	558.56	558.98	558.39	558.28	558.49	558.36					
11-20 Nov		558.12	558.19	558.29	558.72	558.32	558.23	558.30	558.50	558.32	557.88					
21-30 Nov	558.36	557.84	558.59	558.89	558.38	558.19	557.95	557.97	558.01	558.06	558.85	1600/6	559.21	0500/21	557.60	
1-10 Dec		558.44	558.34	558.15	558.10	558.41	558.26	558.14	558.35	558.53	558.55					
11-20 Dec		558.59	558.66	558.43	558.74	558.64	558.40	558.63	558.45	558.42	558.54					
21-31 Dec	558.29	558.48	558.05	557.80	557.62	557.69	557.97	557.97	558.06	558.30	558.15	558.11	1800/20	558.95	2100/22	557.34

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3010: American Falls, Niagara Falls, New York on Niagara River

1976 YEARLY MEAN ELEVATION: 555.50 FEET

HIGHEST
Monthly mean elevation: 555.72 Apr 1976
Daily mean elevation: 556.10 11 Apr 1976
Instant/hourly Elevation: 556.49 1500/13 Apr 1976

LOWEST
Monthly mean elevation: 555.27 Jan 1976
Daily mean elevation: 554.76 11 Jan 1976
Instant/hourly Elevation: 554.23 1400/3 Feb 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
555.88	4 Jan
555.76	23 Feb
555.91	7 Mar
556.10	11 Apr
555.74	3 May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
554.76	11 Jan
554.78	4 Feb
555.11	2 Mar
555.40	17 Apr
555.58	2 May
	Jun
	Jul
	Aug
	Sep
	Oct
	Nov
	Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
556.00				2									556.00	2
555.80	2		5	9									555.80	18
555.60	2	2	9	11	2								555.60	44
555.40	6	6	13	6	1								555.40	76
555.20	7	11	3	2									555.20	99
555.00	8	5	1										555.00	113
554.80	5	4											554.80	122
554.60	1	1											554.60	124

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3010: American Falls, Niagara Falls, New York on Niagara River

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		554.97	555.09	555.63	555.88	555.66	555.56	555.49	555.44	555.84	555.14				
11-20 Jan		554.76	555.15	555.08	555.45	555.30	555.09	555.31	555.45	555.39	555.28				
21-31 Jan	555.27	555.34	555.56	555.33	554.87	554.84	554.88	554.92	555.06	555.28	555.15	555.04	2300/3	555.99	2200/10 554.51
1-10 Feb		555.00	555.18	555.03	554.78	554.87	555.00	555.24	555.15	555.01	554.90				
11-20 Feb		555.32	555.38	555.27	555.15	555.29	555.58	555.46	555.39	555.72	555.53				
21-29 Feb	555.28	555.33	555.46	555.76	555.55	555.36	555.35	555.35	555.38	555.41			0700/23	556.09	1400/3 554.23
1-10 Mar		555.34	555.11	555.35	555.38	555.71	555.71	555.91	555.55	555.41	555.43				
11-20 Mar		555.48	555.42	555.90	555.71	555.48	555.41	555.52	555.46	555.48	555.53				
21-31 Mar	555.58	555.64	555.86	555.62	555.74	555.78	555.46	555.67	555.85	555.70	555.49	555.81	2200/27	556.27	0600/2 554.91
1-10 Apr		555.90	555.82	555.63	555.48	555.51	555.66	555.86	555.70	555.72	556.08				
11-20 Apr		556.10	555.81	555.96	555.88	555.56	555.51	555.40	555.48	555.71	555.74				
21-30 Apr	555.72	555.81	555.82	555.80	555.64	555.40	555.90	555.80	555.63	555.52	555.78		1500/13	556.49	2200/5 554.86
1-10 May		555.62	555.58	555.74	/	/	/	/	/	/	/				
11-20 May		/	/	/	/	/	/	/	/	/	/				
21-31 May	555.65	/	/	/	/	/	/	/	/	/	/	/	0700/2	555.89	2100/2 555.14
1-10 Jun		/	/	/	/	/	/	/	/	/	/				
11-20 Jun		/	/	/	/	/	/	/	/	/	/				
21-30 Jun		/	/	/	/	/	/	/	/	/	/				
1-10 Jul		/	/	/	/	/	/	/	/	/	/				
11-20 Jul		/	/	/	/	/	/	/	/	/	/				
21-31 Jul		/	/	/	/	/	/	/	/	/	/	/			
1-10 Aug		/	/	/	/	/	/	/	/	/	/				
11-20 Aug		/	/	/	/	/	/	/	/	/	/				
21-31 Aug		/	/	/	/	/	/	/	/	/	/	/			
1-10 Sep		/	/	/	/	/	/	/	/	/	/				
11-20 Sep		/	/	/	/	/	/	/	/	/	/				
21-30 Sep		/	/	/	/	/	/	/	/	/	/				
1-10 Oct		/	/	/	/	/	/	/	/	/	/				
11-20 Oct		/	/	/	/	/	/	/	/	/	/				
21-31 Oct		/	/	/	/	/	/	/	/	/	/	/			
1-10 Nov		/	/	/	/	/	/	/	/	/	/				
11-20 Nov		/	/	/	/	/	/	/	/	/	/				
21-30 Nov		/	/	/	/	/	/	/	/	/	/				
1-10 Dec		/	/	/	/	/	/	/	/	/	/				
11-20 Dec		/	/	/	/	/	/	/	/	/	/				
21-31 Dec		/	/	/	/	/	/	/	/	/	/	/			

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3012: Niagara Intake, Niagara Falls, New York on the Niagara River

1976 YEARLY MEAN ELEVATION: 561.52 FEET

HIGHEST
Monthly mean elevation: 562.14 Mar 1976
Daily mean elevation: 563.26 7 Mar 1976
Instant/hourly Elevation: 563.71 0840/13 Mar 1976

LOWEST
Monthly mean elevation: 560.95 Nov 1976
Daily mean elevation: 560.22 1 Jan 1976
Instant/hourly Elevation: 559.93 0500/21 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
563.02	20 Jan
562.80	19 Feb
563.26	7 Mar
562.34	11 Apr
562.68	3 May
562.21	25 Jun
562.15	1 Jul
561.74	13 Aug
561.93	23 Sep
561.85	22 Oct
561.76	6 Nov
561.79	29 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
560.22	1 Jan
560.73	10 Feb
560.76	2 Mar
561.04	25 Apr
561.04	13 May
561.17	18 Jun
561.20	25 Jul
561.12	7 Aug
561.06	26 Sep
560.91	26 Oct
560.25	21 Nov
560.51	4 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
563.20			2										563.20	2
563.00	1		1										563.00	4
562.80													562.80	4
562.60	3	1	3		1								562.60	12
562.40	4		2		1								562.40	19
562.20	2	2	4	4	1	1							562.20	33
562.00	1	6	6	5	2		2						562.00	55
561.80	3	2	8	9	4		3		2	1			561.80	87
561.60	5	4	1	6	8	6	3	3	2	3	2	3	561.60	173
561.40	2	3	2	4	6	12	12	12	9	2	2	1	561.40	200
561.20	4	4	1	1	5	10	10	15	10	13	4	9	561.20	286
561.00	3	5		1	3	1	1	1	7	7	4	8	561.00	327
560.80		1								5	8	4	560.80	345
560.60	1	1	1								5	2	560.60	355
560.40	1										3	2	560.40	361
560.20	1										2		560.20	364

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3012: Niagara Intake, Niagara Falls, New York on the Niagara River

		Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.				
1-10 Jan			560.22	560.53	561.88	562.58	561.94	561.71	561.52	561.41	562.69	561.37					
11-20 Jan			560.66	561.65	561.29	562.36	562.48	561.96	562.51	562.75	562.41	563.02					
21-31 Jan	561.78		562.66	562.22	561.73	561.18	561.08	561.09	561.28	561.80	562.08	561.79	561.39	0600/20	563.51	0700/2	560.00
1-10 Feb			561.44	561.86	561.33	561.23	561.07	561.13	562.05	562.17	561.06	560.73					
11-20 Feb			561.33	561.30	561.10	560.85	561.18	561.82	561.66	561.48	562.80	562.14					
21-29 Feb	561.63		561.51	562.02	562.19	562.21	561.80	561.72	561.80	562.22	562.01			0750/19	563.09	0915/10	560.49
1-10 Mar			561.39	560.76	561.44	561.94	562.76	563.09	563.26	562.61	562.15	562.19					
11-20 Mar			562.23	561.98	563.21	562.60	562.24	561.85	562.22	561.88	561.93	561.92					
21-31 Mar	562.14		562.30	562.62	562.00	562.05	562.03	561.70	562.06	562.44	561.97	561.53	562.02	0840/13	563.71	0431/2	560.28
1-10 Apr			562.10	561.98	561.57	561.30	561.61	561.93	562.12	561.89	561.97	562.17					
11-20 Apr			562.34	561.79	562.23	562.28	561.70	561.68	561.54	561.49	561.81	561.82					
21-30 Apr	561.84		561.80	561.91	561.87	561.41	561.04	562.28	562.11	561.85	561.66	562.09		1345/13	563.30	2214/24	560.45
1-10 May			561.30	561.66	562.68	561.28	561.22	561.88	561.54	561.75	561.43	561.20					
11-20 May			561.19	561.41	561.04	561.74	561.32	561.37	562.08	562.18	562.43	561.88					
21-31 May	561.66		562.27	561.95	561.64	561.62	561.62	561.82	561.72	561.60	561.61	561.43	561.45	1800/3	563.11	2114/30	560.46
1-10 Jun			561.56	561.55	561.27	561.29	561.23	561.44	561.80	561.69	561.61	561.37					
11-20 Jun			561.62	561.37	561.36	561.57	561.53	561.72	561.55	561.17	561.31	561.23					
21-30 Jun	561.49		561.21	561.26	561.53	561.52	562.21	561.73	561.57	561.48	561.53	561.54		0700/25	562.72	2100/22	560.45
1-10 Jul			562.15	562.12	561.52	561.37	561.46	561.38	561.51	561.47	561.34	561.38					
11-20 Jul			561.71	561.96	561.92	561.61	561.48	561.88	561.60	561.54	561.74	561.58					
21-31 Jul	561.54		561.54	561.24	561.35	561.33	561.20	561.43	561.52	561.33	561.31	561.42	561.40	0637/2	562.64	2107/22	560.46
1-10 Aug			561.37	561.45	561.48	561.49	561.55	561.37	561.12	561.32	561.50	561.51					
11-20 Aug			561.55	561.63	561.74	561.46	561.46	561.52	561.38	561.38	561.40	561.37					
21-31 Aug	561.43		561.29	561.28	561.40	561.22	561.34	561.39	561.51	561.62	561.49	561.37	561.34	0705/13	562.53	2108/24	560.38
1-10 Sep			561.47	561.14	561.26	561.40	561.26	561.41	561.49	561.51	561.36	561.75					
11-20 Sep			561.52	561.28	561.36	561.21	561.17	561.16	561.25	561.74	561.42	561.54					
21-30 Sep	561.38		561.44	561.83	561.93	561.30	561.12	561.06	561.07	561.07	561.39	561.46		1535/23	562.73	1900/28	560.30
1-10 Oct			561.37	561.37	561.39	561.33	561.30	561.31	561.23	561.14	560.96	561.22					
11-20 Oct			561.17	561.25	561.44	561.55	561.79	561.39	561.29	561.09	561.09	561.17					
21-31 Oct	561.28		561.36	561.85	561.26	561.00	561.02	560.91	560.95	561.62	561.78	561.07	560.96	0810/29	562.56	2010/31	560.20
1-10 Nov			561.13	561.24	561.36	561.05	561.21	561.76	561.00	560.84	561.09	560.95					
11-20 Nov			560.64	560.71	560.90	561.43	560.90	560.77	560.86	561.12	560.91	560.30					
21-30 Nov	560.95		560.25	561.30	561.64	560.96	560.72	560.45	560.45	560.48	560.61	561.53		1530/6	562.08	0500/21	559.93
1-10 Dec			561.13	560.94	560.65	560.51	560.87	560.70	560.56	560.82	561.16	561.19					
11-20 Dec			561.14	561.26	561.04	561.50	561.33	560.99	561.32	561.25	/	/					
21-31 Dec	561.14		561.24	561.01	561.32	561.12	561.08	561.29	561.22	561.31	561.79	561.74	561.68	0192/31	562.48	0407/4	560.10

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3117: Ontario St., Buffalo, New York on the Niagara River

1976 YEARLY MEAN ELEVATION: 565.76 FEET

HIGHEST
Monthly mean elevation: 566.26 Mar 1976
Daily mean elevation: 567.43 13 Mar 1976
Instant/hourly Elevation: 568.41 1205/13 Mar 1976

LOWEST
Monthly mean elevation: 565.01 Dec 1976
Daily mean elevation: 564.47 31 Oct 1976
Instant/hourly Elevation: 563.86 0400/2 Mar 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
566.82	15 Jan
566.41	19 Feb
567.43	13 Mar
566.61	26 Apr
566.93	3 May
566.44	25 Jun
566.57	1 Jul
566.13	13 Aug
566.13	10 Sep
566.26	22 Oct
566.06	6 Nov
566.34	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
564.76	1 Jan
564.86	10 Feb
564.74	2 Mar
565.78	4 Apr
565.88	13 May
565.70	12 Jun
565.72	22 Jul
565.31	7 Aug
565.26	16 Sep
564.47	31 Oct
564.66	21 Nov
564.50	6 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
567.40			1										567.40	1
567.20			1										567.20	2
567.00			1										567.00	3
566.80	1		2		1								566.80	7
566.60	3		2	1	1								566.60	14
566.40	1	1	4	4	3	1	2						566.40	30
566.20	4		3	8	6		5			1		1	566.20	58
566.00	2	3	11	6	16	9	8	3	3	2	1		566.00	122
565.80	3	4	2		4	17	15	20	5	2			565.80	194
565.60	4	6	1	1		3	1	6	6	4	3	1	565.60	230
565.40	7	3	1					1	12	5	2	1	565.40	262
565.20	4	5						1	4	8	4	6	565.20	294
565.00		5	1							5	8	4	565.00	317
564.80	1	2								2	7	7	564.80	336
564.60	1		1							1	5	10	564.60	354
564.40										1		1	564.40	356

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3117: Ontario St., Buffalo, New York on the Niagara River

		Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.				
1-10 Jan			564.76	564.95	566.11	566.60	565.72	565.51	565.42	565.40	566.61	565.80					
11-20 Jan			565.46	565.93	565.38	566.64	566.82	566.64	566.33	566.25	566.30	566.40					
21-31 Jan	565.84		566.12	565.98	565.54	565.62	565.46	565.38	565.35	565.75	565.82	565.52	565.43	2358/14	567.59	0240/1	564.37
1-10 Feb			565.42	566.07	565.64	565.37	565.05	565.24	566.04	565.96	565.09	564.86					
11-20 Feb			565.26	565.10	565.02	564.91	565.11	565.31	565.55	565.33	566.41	565.80					
21-29 Feb	565.55		565.50	565.96	566.11	565.99	565.71	565.63	565.70	565.99	565.79			0500/19	567.08	0315/15	564.59
1-10 Mar			565.19	564.74	565.59	565.94	566.97	567.11	567.26	566.54	566.15	566.26					
11-20 Mar			566.24	566.01	567.43	566.81	566.34	566.11	566.61	566.17	566.20	566.08					
21-31 Mar	566.26		566.65	566.44	566.15	566.13	566.13	565.81	566.49	566.55	566.05	565.79	566.10	1205/13	568.41	0400/2	563.86
1-10 Apr			566.23	566.32	566.03	565.78	566.17	566.26	566.17	566.08	566.13	566.34					
11-20 Apr			566.42	566.24	566.43	566.22	566.09	/	/	/	/	/					
21-30 Apr	566.25		/	/	/	/	/	566.61	566.53	566.43	566.24	566.23		1345/13	567.06	1115/4	565.32
1-10 May			566.09	566.24	566.93	566.23	566.13	566.03	566.06	566.38	566.23	566.02					
11-20 May			566.09	566.18	565.88	566.19	565.88	566.00	566.33	566.42	566.77	566.49					
21-31 May	566.20		566.52	566.36	566.19	566.08	566.10	566.18	566.13	566.03	566.03	565.96	566.09	1740/3	567.44	0110/7	564.97
1-10 Jun			565.95	565.91	565.83	565.87	565.84	566.01	566.16	566.09	566.05	565.97					
11-20 Jun			566.20	565.70	565.87	566.01	565.99	566.10	565.99	565.80	565.92	565.85					
21-30 Jun	565.97		565.70	565.81	565.88	565.90	566.44	566.18	566.04	565.99	566.00	565.97		0243/25	567.05	1555/12	565.41
1-10 Jul			566.57	566.44	566.10	565.86	565.93	565.90	565.98	566.03	565.84	566.01					
11-20 Jul			566.28	566.37	566.32	566.03	565.98	566.25	566.23	566.19	566.19	566.11					
21-31 Jul	566.05		565.98	565.72	565.94	565.98	565.82	565.98	566.05	565.82	565.90	565.92	565.94	0825/16	567.06	2230/28	565.33
1-10 Aug			565.85	565.87	565.91	565.92	566.05	565.67	565.31	565.77	565.86	565.92					
11-20 Aug			565.87	566.01	566.13	565.88	565.99	566.00	565.88	565.83	565.83	565.84					
21-31 Aug	565.85		565.79	565.82	565.81	565.58	565.73	565.76	565.88	566.00	565.95	565.81	565.76	0545/13	567.04	1633/7	565.08
1-10 Sep			565.96	565.47	565.60	565.89	565.60	565.58	565.69	565.70	565.58	566.13					
11-20 Sep			565.94	565.66	565.58	565.49	565.43	565.26	565.39	565.75	565.72	565.84					
21-30 Sep	565.65		565.75	566.10	566.11	565.52	565.47	565.30	565.26	565.42	565.85	565.51		1320/23	567.63	2135/16	564.89
1-10 Oct			565.41	565.45	565.43	565.35	565.39	565.51	565.36	565.26	565.16	565.36					
11-20 Oct			565.25	565.40	565.72	565.70	566.07	565.48	565.27	565.17	565.05	565.19					
21-31 Oct	565.40		566.17	566.26	565.65	565.83	564.85	564.90	565.02	565.94	565.73	564.61	564.47	2115/21	566.82	0050/31	563.92
1-10 Nov			564.82	565.32	565.31	565.19	565.34	566.06	565.15	565.11	565.20	565.15					
11-20 Nov			564.89	564.99	565.42	565.61	564.94	564.95	564.99	565.21	565.12	564.67					
21-30 Nov	565.15		564.66	565.59	565.70	565.10	564.76	564.70	564.83	564.74	565.09	565.75		1655/30	566.43	0615/21	564.28
1-10 Dec			565.14	565.15	564.61	564.72	564.78	564.50	564.63	564.78	564.99	565.21					
11-20 Dec			564.91	565.24	564.91	565.32	564.94	564.66	565.12	564.65	564.61	564.89					
21-31 Dec	565.01		565.29	565.27	565.50	565.08	564.90	564.82	564.68	564.64	565.37	565.71	566.34	1850/31	567.09	0630/4	564.21

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3020: Buffalo Harbor, Buffalo, New York on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.25 FEET

HIGHEST
Monthly mean elevation: 572.88 May 1976
Daily mean elevation: 573.86 13 Mar 1976
Instant/hourly Elevation: 576.41 2000/27 Mar 1976

LOWEST
Monthly mean elevation: 571.21 Dec 1976
Daily mean elevation: 570.61 28 Dec 1976
Instant/hourly Elevation: 569.85 0100/2 Mar 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
573.17	14 Jan
572.46	19 Feb
573.86	13 Mar
573.14	28 Apr
573.57	3 May
573.14	25 Jun
573.41	1 Jul
572.87	5 Aug
572.78	10 Sep
573.06	22 Oct
572.81	6 Nov
571.86	23 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.96	25 Jan
571.19	5 Feb
570.96	2 Mar
571.47	25 Apr
572.40	6 May
572.33	12 Jun
572.44	22 Jul
571.87	7 Aug
571.71	27 Sep
571.20	26 Oct
571.13	25 Nov
570.61	28 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.80			1										573.80	1
573.60													573.60	1
573.40			2		1		1						573.40	5
573.20			4		1								573.20	10
573.00	3		1	2	7	1	7			2			573.00	33
572.80			1	12	9	9	7	2			1		572.80	74
572.60	1		13	11	11	14	14	8	5	3			572.60	154
572.40		1	4	3	1	5		15	3				572.40	188
572.20		1	2		1	1		4	7	2	5		572.20	211
572.00	5	8	1	1				1	6	1			572.00	234
571.80	6	2						1	6	7	1	2	571.80	259
571.60	7	6							3	6	8	4	571.60	293
571.40	5	4	1	1						5	8	4	571.40	321
571.20	2	6								4	5	2	571.20	340
571.00	1	1								1	2	8	571.00	353
570.80	1		1									7	570.80	362
570.60												4	570.60	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

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

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.42	571.64	572.80	573.05	572.06	571.99	571.79	571.95	573.13	571.97					
11-20 Jan		572.02	572.02	571.50	573.17	571.95	572.02	571.43	571.53	571.73	572.02					
21-31 Jan	571.87	571.96	571.69	571.15	571.24	570.96	571.73	571.66	571.77	571.81	571.36	571.58	0100/4	574.29	1800/25	570.09
1-10 Feb		571.65	572.18	571.48	571.63	571.19	571.51	571.79	571.85	571.32	571.38					
11-20 Feb		571.66	571.37	571.39	571.30	571.53	571.29	571.85	571.54	572.46	571.80					
21-29 Feb	571.76	571.80	572.20	572.12	572.15	572.09	572.06	572.13	572.31	572.11			0400/19	573.69	2200/16	570.62
1-10 Mar		571.50	570.96	572.03	572.32	573.49	573.30	573.42	572.70	572.41	572.79					
11-20 Mar		572.66	572.42	573.86	573.08	572.75	572.61	573.21	572.70	572.82	572.70					
21-31 Mar	572.72	573.36	572.67	572.70	572.72	572.78	572.58	573.31	572.65	572.39	572.60	572.79	2000/27	576.41	0100/2	569.85
1-10 Apr		572.89	572.96	572.74	572.44	572.95	572.87	572.73	572.71	572.76	572.94					
11-20 Apr		572.81	572.90	572.86	572.69	572.73	572.71	572.65	572.64	572.73	572.58					
21-30 Apr	572.74	572.52	572.98	572.87	572.10	571.47	572.91	573.12	573.14	572.98	572.76		1700/4	573.67	1600/25	570.33
1-10 May		572.76	573.02	573.57	573.11	573.15	572.40	572.66	573.13	573.04	572.87					
11-20 May		572.96	573.00	572.70	572.88	572.55	572.75	572.88	572.85	573.31	573.16					
21-31 May	572.88	573.03	572.91	572.85	572.71	572.75	572.80	572.75	572.65	572.66	572.63	572.82	2400/2	574.43	0100/7	571.12
1-10 Jun		572.64	572.57	572.58	572.63	572.66	572.85	572.91	572.82	572.79	572.75					
11-20 Jun		573.00	572.33	572.65	572.76	572.79	572.85	572.71	572.57	572.76	572.65					
21-30 Jun	572.73	572.42	572.56	572.63	572.66	573.14	572.96	572.83	572.79	572.85	572.81		0200/25	574.23	1000/12	572.04
1-10 Jul		573.41	573.16	572.96	572.69	572.75	572.71	572.76	572.86	572.65	572.86					
11-20 Jul		573.13	573.09	573.02	572.74	572.77	573.08	573.08	573.02	572.97	572.91					
21-31 Jul	572.85	572.72	572.44	572.75	572.79	572.63	572.83	572.88	572.56	572.75	572.68	572.76	0700/1	574.08	1400/21	572.25
1-10 Aug		572.63	572.58	572.60	572.61	572.87	572.32	571.87	572.52	572.56	572.69					
11-20 Aug		572.53	572.75	572.85	572.49	572.71	572.69	572.61	572.50	572.44	572.44					
21-31 Aug	572.52	572.43	572.54	572.43	572.13	572.30	572.38	572.49	572.66	572.57	572.46	572.40	0600/13	573.96	0800/7	571.50
1-10 Sep		572.62	571.97	572.20	572.65	572.21	572.13	572.26	572.26	572.08	572.78					
11-20 Sep		572.53	572.25	572.14	572.06	572.00	571.73	571.92	572.37	572.30	572.44					
21-30 Sep	572.22	572.33	572.72	572.63	572.00	572.05	571.76	571.71	571.97	572.54	571.93		1300/23	575.08	1900/23	570.90
1-10 Oct		571.79	571.83	571.82	571.73	571.82	572.00	571.75	571.68	571.58	572.04					
11-20 Oct		571.61	571.88	572.27	572.37	572.78	571.94	571.65	571.52	571.38	571.58					
21-31 Oct	571.88	573.02	573.06	571.87	571.41	571.23	571.20	571.30	572.70	572.65	571.48	571.26	2100/21	574.00	1000/9	570.60
1-10 Nov		571.44	571.77	571.66	571.63	571.84	572.81	571.59	571.60	571.68	571.64					
11-20 Nov		571.36	571.49	572.21	572.23	571.34	571.46	571.44	571.72	571.64	571.16					
21-30 Nov	571.67	571.24	572.31	572.21	571.55	571.13	571.22	571.43	571.23	571.72	572.37		0700/6	573.38	2300/27	570.67
1-10 Dec		571.56	571.66	570.99	571.20	571.12	570.78	570.99	571.12	571.25	571.74					
11-20 Dec		571.14	571.66	571.08	571.68	571.07	570.87	571.42	570.80	570.85	571.12					
21-31 Dec	571.21	571.54	571.58	571.86	571.18	570.99	570.92	570.83	570.61	571.22	570.80	571.85	2300/12	572.95	1000/11	570.09

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3028: Sturgeon Point, New York on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.22 FEET

HIGHEST
Monthly mean elevation: 572.84 May 1976
Daily mean elevation: 573.86 13 Mar 1976
Instant/hourly Elevation: 576.23 1900/27 Mar 1976

LOWEST
Monthly mean elevation: 571.14 Dec 1976
Daily mean elevation: 570.68 28 Dec 1976
Instant/hourly Elevation: 569.90 2400/1 Mar 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
573.10	14 Jan
572.38	19 Feb
573.86	13 Mar
573.07	27 Apr
573.39	3 May
572.99	25 Jun
573.43	1 Jul
572.77	5 Aug
572.76	10 Sep
572.91	21 Oct
572.44	6 Nov
571.91	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.03	25 Jan
571.19	5 Feb
571.48	1 Mar
571.69	25 Apr
572.44	6 May
572.34	12 Jun
572.42	22 Jul
571.94	7 Aug
571.72	16 Sep
571.24	26 Oct
571.13	20 Nov
570.68	28 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.80			1										573.80	1
573.60							1						573.60	1
573.40													573.40	2
573.20			3		2								573.20	7
573.00	1		2	3	2		1						573.00	16
572.80	2		5	11	13	5	4			1			572.80	57
572.60	1		11	11	12	18	10		7	2			572.60	130
572.40			3	3	2	6	3	16	5	1	1		572.40	170
572.20		3				1		6	7	3	1		572.20	191
572.00	4	7		1				1	8				572.00	212
571.80	6	2						1	6	4	1	1	571.80	233
571.60	8	7		1					3	12	5	1	571.60	270
571.40	5	3	2							1	9	3	571.40	293
571.20	2	6								7	4	2	571.20	314
571.00	2	1									1	2	571.00	320
570.80												6	570.80	326
570.60												3	570.60	329

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3028: Sturgeon Point, New York on Lake Erie

	Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.46	571.63	572.67	572.87	572.00	571.88	571.74	571.98	572.95	571.89						
11-20 Jan		572.02	571.98	571.55	573.10	571.90	572.03	571.48	571.56	571.78	572.06						
21-31 Jan	571.86	572.01	571.68	571.18	571.30	571.03	571.72	571.69	571.79	571.79	571.39	571.59	0100/4	573.92	1800/25	570.17	
1-10 Feb		571.68	572.16	571.45	571.65	571.19	571.54	571.80	571.82	571.30	571.38						
11-20 Feb		571.64	571.37	571.36	571.28	571.57	571.24	571.88	571.63	572.38	571.80						
21-29 Feb	571.77	571.80	572.21	572.14	572.14	572.13	572.09	572.15	572.30	572.18			0100/19	573.64	2100/16	570.55	
1-10 Mar		571.48	571.53	/	/	/	/	573.20	572.71	572.46	572.84						
11-20 Mar		572.68	572.47	573.86	573.15	572.79	572.71	573.26	572.77	572.91	572.77						
21-31 Mar	572.78	573.37	572.75	572.78	572.81	572.87	572.67	573.36	572.74	572.51	572.73	572.90	1900/27	576.23	2400/1	569.90.	
1-10 Apr		572.99	573.03	572.77	572.50	573.00	572.90	572.78	572.74	572.78	572.95						
11-20 Apr		572.84	572.89	572.86	572.70	572.76	572.73	572.66	572.65	572.70	572.58						
21-30 Apr	572.75	572.52	572.91	572.82	572.16	571.69	572.90	573.07	573.03	572.92	572.73		1600/4	573.67	1600/25	570.38	
1-10 May		572.74	573.00	573.39	572.99	573.02	572.44	572.70	573.00	572.97	572.85						
11-20 May		572.94	572.93	572.68	572.84	572.57	572.73	572.85	572.86	573.24	573.07						
21-31 May	572.84	572.98	572.89	572.81	572.71	572.75	572.78	572.73	572.64	572.64	572.62	572.79	2400/2	574.39	0200/7	571.21	
1-10 Jun		572.65	572.59	572.56	572.62	572.64	572.81	572.84	572.78	572.76	572.72						
11-20 Jun		572.92	572.34	572.61	572.69	572.74	572.78	572.66	572.55	572.68	572.62						
21-30 Jun	572.69	572.43	572.52	572.59	572.64	572.99	572.90	572.78	572.75	572.77	572.79		0200/25	574.08	1100/12	572.02	
1-10 Jul		573.43	/	/	/	/	/	/	/	/	/						
11-20 Jul		/	/	/	572.67	572.72	573.01	572.95	572.90	572.87	572.82						
21-31 Jul	572.77	572.67	572.42	572.70	572.77	572.60	572.73	572.79	572.52	572.74	572.65	572.69	0700/1	573.92	1300/21	572.19	
1-10 Aug		572.62	572.57	572.58	572.61	572.77	572.27	571.94	572.50	572.50	572.59						
11-20 Aug		572.51	572.66	572.76	572.49	572.64	572.63	572.55	572.45	572.43	572.44						
21-31 Aug	572.48	572.40	572.48	572.39	572.11	572.27	572.36	572.44	572.58	572.46	572.42	572.36	0500/13	574.11	0800/7	571.45	
1-10 Sep		572.51	572.01	572.18	572.52	572.19	572.10	572.19	572.22	572.12	572.76						
11-20 Sep		572.52	572.23	572.11	572.02	571.97	571.72	571.92	572.32	572.23	572.40						
21-30 Sep	572.18	572.33	572.60	572.49	571.97	572.00	571.75	571.74	571.94	572.39	571.91		1300/23	574.49	1900/23	570.98	
1-10 Oct		571.79	571.83	571.80	571.72	571.79	571.94	571.76	571.71	571.63	572.00						
11-20 Oct		571.62	571.85	572.21	572.22	572.61	571.80	571.65	571.52	571.38	571.62						
21-31 Oct	571.82	572.91	572.74	571.68	571.38	571.26	571.24	571.34	572.49	572.22	571.33	571.32	2000/21	573.79	2400/30	570.61	
1-10 Nov		571.42	571.71	571.54	571.59	571.73	572.44	571.50	571.46	571.74	571.58						
11-20 Nov		571.34	571.66	572.30	571.81	571.30	571.38	571.56	571.48	571.52	571.13						
21-30 Nov	571.60	571.24	571.74	/	/	/	/	/	/	/	/		0500/6	572.95	0200/20	570.76	
1-10 Dec		/	/	/	/	/	/	/	/	/	/						
11-20 Dec		/	/	/	571.57	570.93	570.87	571.34	570.74	570.81	571.07						
21-31 Dec	571.14	571.49	571.44	571.74	571.05	570.93	570.95	570.83	570.68	571.34	570.78	571.91	1900/23	572.88	2100/27	570.17	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3032: Barcelona, New York on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.23 FEET

HIGHEST
Monthly mean elevation: 572.79 Sep 1976
Daily mean elevation: 573.21 17 Mar 1976
Instant/hourly Elevation: 573.49 0800/17 Mar 1976

LOWEST
Monthly mean elevation: 570.97 Dec 1976
Daily mean elevation: 570.68 28 Dec 1976
Instant/hourly Elevation: 570.11 1000/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.55	4 Jan
572.21	24 Feb
573.21	17 Mar
573.02	27 Apr
573.02	19 May
572.78	25 Jun
573.03	1 Jul
572.82	28 Aug
572.96	4 Sep
	Oct
572.03	6 Nov
571.41	2 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.08	25 Jan
571.29	17 Feb
570.70	2 Mar
571.68	25 Apr
572.48	6 May
572.41	12 Jun
572.44	22 Jul
571.86	7 Aug
572.57	2 Sep
	Oct
571.01	26 Nov
570.68	28 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.20			1										573.20	1
573.00			1	1	2		1						573.00	6
572.80			5	4	9		5	1	3				572.80	33
572.60			14	20	19	18	20	11	1				572.60	136
572.40	1		5	2	1	12	5	12	1				572.40	175
572.20	1	1	1	1				2					572.20	181
572.00	1	7		1				1			1		572.00	192
571.80	9	3						1					571.80	205
571.60	7	4	1	1							6		571.60	224
571.40	8	4									7	1	571.40	244
571.20	3	10									9	3	571.20	269
571.00	1										6	9	571.00	285
570.80												11	570.80	296
570.60			1									7	570.60	304

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3032: Barcelona, New York on Lake Erie

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.42	571.54	572.02	572.55	571.93	571.75	571.71	571.82	572.39	571.83					
11-20 Jan		571.67	571.89	571.54	572.00	571.86	571.82	571.55	571.59	571.64	571.85					
21-31 Jan	571.71	571.81	571.74	571.38	571.25	571.08	571.36	571.60	571.67	571.74	571.47	571.51	0800/4	572.84	1900/25	570.55
1-10 Feb		571.62	571.93	571.58	571.56	571.33	571.39	571.62	571.74	571.37	571.35					
11-20 Feb		571.54	571.35	571.42	571.32	571.38	571.34	571.29	571.37	571.92	571.89					
21-29 Feb	571.69	571.73	572.04	572.07	572.21	572.14	572.12	572.17	572.19	572.07			0700/28	572.39	2300/16	570.89
1-10 Mar		571.76	570.70	/	/	573.12	572.70	572.92	572.63	572.45	572.67					
11-20 Mar		572.63	572.29	572.96	572.94	572.76	572.61	573.21	572.80	572.78	572.72					
21-31 Mar	572.63	572.94	572.56	572.72	572.73	572.78	572.66	572.86	572.54	572.43	572.60	572.72	0800/17	573.49	0300/2	570.59
1-10 Apr		572.85	572.93	572.75	572.19	572.63	572.80	572.70	572.63	572.70	572.80					
11-20 Apr		572.68	572.65	572.69	572.65	572.67	572.68	572.66	572.66	572.67	572.60					
21-30 Apr	572.65	572.47	572.71	572.68	572.26	571.68	572.61	573.02	572.94	572.85	572.76		1700/27	573.10	1700/25	571.27
1-10 May		572.72	572.80	573.01	572.86	572.90	572.48	572.64	572.87	572.85	572.79					
11-20 May		572.84	572.78	572.68	572.74	572.63	572.67	572.81	572.85	573.02	572.87					
21-31 May	572.76	572.78	572.83	572.77	572.69	572.74	572.74	572.70	572.63	572.63	572.62	572.64	1800/19	573.28	2400/6	571.66
1-10 Jun		572.62	572.58	572.58	572.63	572.60	572.72	572.75	572.74	572.72	572.69					
11-20 Jun		572.76	572.41	572.52	572.63	572.64	572.72	572.65	572.53	572.58	572.54					
21-30 Jun	572.63	572.44	572.50	572.56	572.51	572.78	572.77	572.73	572.68	572.73	572.68		1800/25	573.01	1200/12	572.23
1-10 Jul		573.03	572.91	572.82	572.66	572.70	572.69	572.69	572.76	572.60	572.66					
11-20 Jul		572.87	572.93	572.93	572.72	572.67	572.73	572.76	572.79	572.78	572.74					
21-31 Jul	572.71	572.64	572.44	572.61	572.72	572.57	572.65	572.69	572.55	572.63	572.61	572.59	0900/1	573.29	1800/22	572.36
1-10 Aug		572.52	572.52	572.53	572.50	572.47	572.19	571.86	572.39	572.53	572.56					
11-20 Aug		572.45	572.54	572.56	572.51	572.69	572.77	572.79	/	/	572.68					
21-31 Aug	572.56	572.65	572.66	/	572.40	572.57	572.71	572.72	572.82	572.76	572.72	572.74	1800/29	573.05	0800/7	571.60
1-10 Sep		572.89	572.57	572.67	572.96	572.88	/	/	/	/	/					
11-20 Sep		/	/	/	/	/	/	/	/	/	/					
21-30 Sep	572.79	/	/	/	/	/	/	/	/	/	/		0500/1	573.21	0200/2	572.39
1-10 Oct		/	/	/	/	/	/	/	/	/	/					
11-20 Oct		/	/	/	/	/	/	/	/	/	/					
21-31 Oct		/	/	/	/	/	/	/	/	/	/	/				
1-10 Nov		/	571.66	571.52	571.49	571.60	572.03	571.43	571.52	571.49	571.47					
11-20 Nov		571.30	571.37	571.72	571.66	571.22	571.27	571.22	571.31	571.29	571.10					
21-30 Nov	571.40	571.15	571.64	571.73	571.27	571.02	571.01	571.03	571.04	571.32	571.66		0900/6	572.22	2400/27	570.63
1-10 Dec		571.18	571.41	570.94	570.98	570.94	570.71	570.92	570.89	571.03	571.15					
11-20 Dec		570.82	571.07	571.01	571.12	570.84	570.72	571.08	570.75	570.76	570.90					
21-31 Dec	570.97	571.36	571.16	571.28	570.88	570.83	570.85	570.78	570.68	571.02	570.68	571.23	0100/13	571.76	1000/11	570.11

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3038: Erie, Pennsylvania on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.17 FEET

HIGHEST
Monthly mean elevation: 572.85 May 1976
Daily mean elevation: 573.53 13 Mar 1976
Instant/hourly Elevation: 574.46 2045/27 Mar 1976

LOWEST
Monthly mean elevation: 570.98 Dec 1976
Daily mean elevation: 570.66 30 Dec 1976
Instant/hourly Elevation: 570.07 0700/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.45	4 Jan
572.24	28 Feb
573.53	13 Mar
573.06	27 Apr
573.21	3 May
572.86	30 Jun
573.00	12 Jul
572.76	1 Aug
572.40	11 Sep
572.50	21 Oct
571.95	6 Nov
571.37	21 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.15	25 Jan
571.27	5 Feb
571.69	2 Mar
572.27	25 Apr
572.58	6 May
572.53	12 Jun
572.56	22 Jul
572.26	31 Aug
571.85	16 Sep
571.31	30 Oct
570.94	25 Nov
570.66	30 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.40			1										573.40	1
573.20			2		1								573.20	4
573.00			5	1	1								573.00	11
572.80			2	14	21	4	6						572.80	58
572.60			16	13	7	24	24	7					572.60	149
572.40	2		1		1	2	1	18		1			572.40	175
572.20	2	1	1	2				6		1			572.20	195
572.00		8							14	2			572.00	219
571.80	3	2	1						7	3	1		571.80	236
571.60	12	7	1							14	4		571.60	274
571.40	8	4								9	12		571.40	307
571.20	3	7								1	7	4	571.20	329
571.00	1										4	9	571.00	343
570.80											2	10	570.80	355
570.60												8	570.60	363

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3038: Erie, Pennsylvania on Lake Erie

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.63	571.65	572.25	572.45	571.81	571.65	571.65	571.86	572.24	571.68						
11-20 Jan		571.79	571.83	571.52	572.43	571.71	571.76	571.56	571.56	571.58	571.77						
21-31 Jan	571.71	571.80	571.67	571.33	571.39	571.15	571.54	571.59	571.56	571.63	571.39	571.50	0345/4	573.14	1840/25	570.52	
1-10 Feb		571.63	571.93	571.45	571.62	571.27	571.52	571.70	571.72	571.33	571.38						
11-20 Feb		571.58	571.35	571.38	571.30	571.48	571.32	571.73	571.61	572.08	571.81						
21-29 Feb	571.73	571.80	572.19	572.14	572.09	572.12	572.12	572.15	572.24	572.15			0300/19	572.93	2135/16	570.80	
1-10 Mar		571.85	571.69	572.24	/	573.40	573.03	573.17	572.75	572.55	572.78						
11-20 Mar		572.75	572.64	573.53	573.02	572.75	572.80	573.23	572.76	572.77	572.70						
21-31 Mar	572.77	573.12	572.76	572.74	572.74	572.82	572.69	573.04	572.72	572.62	572.76	572.81	2045/27	574.46	0100/2	570.73	
1-10 Apr		572.97	572.97	572.81	572.66	572.92	572.85	572.83	572.80	572.82	572.86						
11-20 Apr		572.90	572.85	572.77	572.74	572.76	572.74	572.73	572.72	572.75	572.67						
21-30 Apr	572.79	572.63	572.85	572.75	572.39	572.27	572.99	573.06	572.94	572.86	572.80		1550/4	573.41	1545/25	571.63	
1-10 May		572.81	572.98	573.21	572.91	572.85	572.58	572.85	572.91	572.90	572.83						
11-20 May		572.89	572.86	572.71	572.82	572.68	572.82	572.89	572.92	573.10	572.96						
21-31 May	572.85	572.90	572.87	572.84	572.78	572.82	572.82	572.77	572.71	572.71	572.70	572.83	2245/2	574.01	2353/6	571.81	
1-10 Jun		572.70	572.65	572.66	572.68	572.68	572.71	572.71	572.72	572.68	572.69						
11-20 Jun		572.78	572.53	572.62	572.64	572.69	572.69	572.68	572.64	572.74	572.73						
21-30 Jun	572.70	572.58	572.65	572.66	572.67	572.85	572.82	572.77	572.76	572.81	572.86		1520/28	573.39	1715/28	572.17	
1-10 Jul		572.68	572.74	572.84	572.76	572.77	572.76	572.78	572.78	572.69	572.80						
11-20 Jul		572.92	573.00	572.94	572.74	572.77	572.91	572.83	572.77	572.77	572.74						
21-31 Jul	572.77	572.74	572.56	572.74	572.79	572.70	572.72	572.76	572.63	572.80	572.75	572.80	0510/16	573.47	0012/15	572.32	
1-10 Aug		572.76	572.64	572.57	572.56	572.64	572.43	572.29	572.59	572.57	572.58						
11-20 Aug		572.55	572.61	572.63	572.51	572.63	572.61	572.54	572.49	572.46	572.46						
21-31 Aug	572.50	572.42	572.46	572.44	572.27	572.36	572.41	572.38	572.43	572.43	572.38	572.26	0345/13	573.35	0635/7	571.90	
1-10 Sep		572.30	572.07	572.12	572.24	572.11	572.01	572.05	/	/	572.30						
11-20 Sep		572.40	572.11	572.06	572.02	572.01	571.85	572.00	572.35	572.22	572.23						
21-30 Sep	572.10	572.18	572.20	572.19	571.97	571.95	571.85	571.91	572.02	572.18	571.93		1200/23	573.28	2055/16	571.59	
1-10 Oct		571.79	571.78	571.78	571.72	571.69	571.79	571.74	571.73	571.77	571.91						
11-20 Oct		571.60	571.68	571.94	571.90	572.09	571.69	571.68	571.57	571.48	571.68						
21-31 Oct	571.74	572.50	572.32	571.56	571.45	571.47	571.46	571.45	572.02	571.78	571.31	571.48	1910/21	573.37	2137/30	570.79	
1-10 Nov		571.46	571.58	571.50	571.51	571.62	571.95	571.50	571.66	571.45	571.48						
11-20 Nov		571.35	571.43	571.71	571.51	571.22	571.25	571.25	571.28	571.34	571.17						
21-30 Nov	571.40	571.23	571.65	571.56	571.19	570.94	570.98	571.09	571.17	571.48	571.50		0400/6	572.36	2230/27	570.55	
1-10 Dec		571.17	571.33	570.86	571.07	570.91	570.75	570.96	571.18	570.96	571.17						
11-20 Dec		570.83	571.28	570.98	571.01	570.78	570.82	571.09	570.74	570.75	570.99						
21-31 Dec	570.98	571.37	571.07	571.33	570.83	570.80	570.91	570.78	570.73	571.03	570.66	571.17	1905/23	572.52	0700/11	570.07	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3053: Fairport Harbor, Ohio on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.34 FEET

HIGHEST
Monthly mean elevation: 572.93 May 1976
Daily mean elevation: 573.16 25 Apr 1976
Instant/hourly Elevation: 573.83 1010/28 Jun 1976

LOWEST
Monthly mean elevation: 571.32 Nov 1976
Daily mean elevation: 571.10 17 Nov 1976
Instant/hourly Elevation: 570.84 1637/17 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.89	1 Jan
572.27	29 Feb
573.02	16 Mar
573.16	25 Apr
573.07	18 May
572.95	1 Jun
573.00	12 Jul
572.89	1 Aug
572.44	2 Sep
572.18	9 Oct
571.54	1 Nov
	Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.53	6 Jan
571.38	12 Feb
572.42	1 Mar
572.80	19 Apr
572.77	5 May
572.76	14 Jun
572.78	20 Jul
572.40	31 Aug
571.99	29 Sep
571.33	29 Oct
571.10	17 Nov
	Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.00			1	4	2								573.00	7
572.80			13	25	28	20	27	3					572.80	123
572.60			16	1	1	10	4	18					572.60	173
572.40			1					9	1				572.40	184
572.20		5						1	12				572.20	202
572.00		3							16	5			572.00	226
571.80	6	2							1	9			571.80	244
571.60	21	4								12			571.60	281
571.40	3	12								4	6		571.40	306
571.20		2								1	8		571.20	317
571.00											4		571.00	321

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3053: Fairport Harbor, Ohio on Lake Erie

		Monthly means	----- Daily Means -----											HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			571.89	571.84	571.82	571.88	571.75	571.53	571.74	571.78	571.53	571.63					
11-20 Jan			571.69	571.68	571.83	571.68	571.68	571.77	571.82	571.75	/	571.65					
21-31 Jan	571.70		571.68	571.66	571.69	571.68	571.63	571.68	571.67	571.58	571.65	571.67	571.62	2000/13	572.63	0330/14	571.23
1-10 Feb			571.72	571.50	571.51	571.50	/	571.51	571.44	571.44	571.44	571.40					
11-20 Feb			571.43	571.38	571.45	571.45	571.42	571.57	571.65	571.79	571.72	571.92					
21-29 Feb	571.75		572.00	572.21	572.18	572.14	572.18	572.22	572.23	572.21	572.27			2050/29	572.58	0915/17	571.08
1-10 Mar			572.42	572.67	572.67	572.64	572.65	572.71	572.75	572.79	572.81	572.78					
11-20 Mar			572.82	572.80	572.82	572.76	572.84	573.02	572.89	572.77	572.76	572.75					
21-31 Mar	572.79		572.81	572.84	572.81	572.77	572.79	572.83	572.79	572.89	572.92	572.93	572.90	1817/27	573.53	1229/2	571.88
1-10 Apr			572.95	572.98	572.96	573.07	572.91	572.92	572.93	572.97	572.93	572.86					
11-20 Apr			573.03	572.87	572.82	572.84	572.82	572.82	572.85	572.82	572.80	572.82					
21-30 Apr	572.91		572.84	572.82	572.81	572.86	573.16	573.08	572.94	572.93	572.92	572.93		1730/25	573.79	1357/21	572.30
1-10 May			572.94	572.94	572.94	572.88	572.77	572.94	573.03	572.92	572.90	572.93					
11-20 May			572.97	572.92	572.91	572.94	572.95	572.96	572.99	573.07	572.98	572.92					
21-31 May	572.93		572.94	572.96	572.96	572.95	572.93	572.91	572.89	572.91	572.89	572.90	572.90	0358/7	573.57	0035/3	572.37
1-10 Jun			572.95	572.89	572.89	572.88	572.89	572.86	572.88	572.85	572.83	572.84					
11-20 Jun			572.81	572.85	572.78	572.76	572.76	572.80	572.80	572.81	572.79	572.85					
21-30 Jun	572.83		572.85	572.77	572.76	572.76	572.79	572.81	572.81	572.90	572.85	572.95		1010/28	573.83	1725/28	572.28
1-10 Jul			572.97	572.91	572.92	572.88	572.82	572.82	572.85	572.88	572.88	572.84					
11-20 Jul			572.93	573.00	572.92	572.92	572.92	572.88	572.91	572.82	572.80	572.78					
21-31 Jul	572.87		572.88	572.88	572.86	572.89	572.86	572.79	572.78	572.84	572.87	572.91	572.91	0555/12	573.53	0928/10	572.20
1-10 Aug			572.89	572.84	572.79	572.75	572.71	572.79	572.89	572.76	572.73	572.66					
11-20 Aug			572.67	572.64	572.69	572.75	572.73	572.68	572.67	572.66	572.66	572.63					
21-31 Aug	572.66		572.58	572.59	572.61	572.60	572.57	572.56	572.53	572.53	572.57	572.48	572.40	1645/7	573.13	0540/13	572.20
1-10 Sep			572.39	572.44	572.34	572.26	572.34	572.25	572.20	572.20	572.29	572.28					
11-20 Sep			572.25	572.13	572.13	572.14	572.15	572.18	572.29	572.26	572.20	572.23					
21-30 Sep	572.20		572.31	572.16	572.08	572.09	572.04	572.07	572.20	572.12	571.99	572.02		2055/9	573.41	1210/23	571.51
1-10 Oct			571.93	571.94	571.96	572.01	571.94	572.01	572.06	572.01	572.18	571.95					
11-20 Oct			571.89	571.79	571.89	571.86	571.67	571.78	571.82	571.74	571.68	571.78					
21-31 Oct	571.78		571.74	571.62	571.54	571.60	571.72	571.70	571.63	571.43	571.33	571.42	571.68	2045/13	572.73	2115/21	571.15
1-10 Nov			571.54	571.35	571.43	571.43	571.46	571.27	571.50	571.48	571.26	571.37					
11-20 Nov			571.33	571.33	571.21	571.12	571.21	571.16	571.10	571.15	/	/					
21-30 Nov	571.32		/	/	/	/	/	/	/	/	/	/		2300/7	571.95	1637/17	570.84
1-10 Dec			/	/	/	/	/	/	/	/	/	/					
11-20 Dec			/	/	/	/	/	/	/	/	/	/					
21-31 Dec			/	/	/	/	/	/	/	/	/	/	/				

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3063: Cleveland, Ohio on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.13 FEET

HIGHEST
Monthly mean elevation: 572.90 May 1976
Daily mean elevation: 573.39 25 Apr 1976
Instant/hourly Elevation: 573.89 1700/25 Apr 1976

LOWEST
Monthly mean elevation: 570.70 Dec 1976
Daily mean elevation: 570.32 31 Dec 1976
Instant/hourly Elevation: 570.00 1600/31 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.87	1 Jan
572.21	29 Feb
573.09	16 Mar
573.39	25 Apr
573.05	18 May
572.94	1 Jun
572.91	12 Jul
572.92	7 Aug
572.37	2 Sep
572.19	9 Oct
571.43	1 Nov
571.07	7 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.20	9 Jan
571.18	7 Feb
572.54	5 Mar
572.75	15 Apr
572.65	5 May
572.65	15 Jun
572.62	20 Jul
572.24	31 Aug
571.83	29 Sep
571.04	29 Oct
570.57	30 Nov
570.32	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.20				1									573.20	1
573.00			1	3	2								573.00	7
572.80			13	13	27	11	12	1					572.80	84
572.60			15	13	2	19	19	9					572.60	161
572.40			2					17					572.40	180
572.20		1						4					572.20	191
572.00		7							6	2			572.00	220
571.80	2	3							4	9			571.80	238
571.60	15	4								10			571.60	267
571.40	13	6								4	3		571.40	293
571.20		7								4	6		571.20	310
571.00	1	1								2	8	1	571.00	323
570.80											11	9	570.80	343
570.60											1	13	570.60	357
570.40											1	5	570.40	363
570.20												3	570.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3063: Cleveland, Ohio on Lake Erie

	Monthly means	----- Daily Means -----											HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.87	571.73	571.61	571.61	571.64	571.48	571.76	571.74	571.20	571.56					
11-20 Jan		571.58	571.56	571.80	571.42	571.58	571.62	571.82	571.67	571.41	571.48					
21-31 Jan	571.61	571.54	571.61	571.69	571.69	571.72	571.56	571.62	571.44	571.58	571.66	571.51	2200/13	572.93	0500/14	570.95
1-10 Feb		571.63	571.34	571.46	571.45	571.61	571.46	571.18	571.30	571.38	571.27					
11-20 Feb		571.35	571.25	571.41	571.43	571.30	571.59	571.61	571.81	571.65	571.91					
21-29 Feb	571.67	571.93	572.19	572.09	572.06	572.11	572.18	572.17	572.17	572.21			2100/29	572.51	2000/7	570.80
1-10 Mar		572.55	572.89	572.68	572.70	572.54	572.66	572.66	572.81	572.90	572.76					
11-20 Mar		572.86	572.85	572.73	572.67	572.84	573.09	572.90	572.72	572.71	572.72					
21-31 Mar	572.79	572.80	572.86	572.80	572.73	572.79	572.85	572.74	572.94	572.97	572.91	572.90	1900/16	573.67	2000/27	572.05
1-10 Apr		572.87	572.93	572.92	573.10	572.81	572.85	572.88	572.95	572.88	572.80					
11-20 Apr		573.06	572.80	572.77	572.79	572.75	572.78	572.79	572.79	572.75	572.79					
21-30 Apr	572.88	572.79	572.75	572.79	572.96	573.39	573.08	572.90	572.87	572.90	572.89		1700/25	573.89	1000/22	572.51
1-10 May		572.88	572.78	572.91	572.83	572.65	573.00	573.01	572.86	572.83	572.87					
11-20 May		572.91	572.88	572.91	572.86	572.98	572.92	572.95	573.05	572.93	572.87					
21-31 May	572.90	572.94	572.92	572.93	572.95	572.92	572.89	572.88	572.88	572.87	572.90	572.86	2400/6	573.70	0100/3	572.26
1-10 Jun		572.94	572.91	572.90	572.88	572.87	572.80	572.82	572.80	572.79	572.79					
11-20 Jun		572.75	572.91	572.77	572.71	572.65	572.77	572.77	572.77	572.79	572.81					
21-30 Jun	572.79	572.84	572.76	572.73	572.68	572.71	572.73	572.77	572.74	572.81	572.84		2400/29	573.39	0500/29	572.37
1-10 Jul		572.84	572.81	572.84	572.89	572.81	572.80	572.75	572.78	572.82	572.65					
11-20 Jul		572.80	572.91	572.82	572.82	572.85	572.76	572.75	572.71	572.66	572.62					
21-31 Jul	572.77	572.77	572.85	572.75	572.78	572.77	572.65	572.66	572.74	572.72	572.78	572.83	0600/12	573.34	0600/16	572.20
1-10 Aug		572.79	572.77	572.72	572.65	572.55	572.76	572.92	572.69	572.64	572.60					
11-20 Aug		572.57	572.50	572.51	572.67	572.63	572.58	572.57	572.58	572.56	572.52					
21-31 Aug	572.57	572.52	572.48	572.52	572.58	572.50	572.41	572.36	572.34	572.50	572.38	572.24	0900/7	573.20	2000/13	572.08
1-10 Sep		572.27	572.37	572.20	572.08	572.26	572.16	572.07	572.06	572.22	572.23					
11-20 Sep		572.08	572.05	572.06	572.06	572.06	572.18	572.26	572.15	572.12	572.14					
21-30 Sep	572.11	572.18	572.04	571.92	572.02	571.93	572.05	572.20	572.06	571.83	571.98		2100/9	573.47	1200/23	571.26
1-10 Oct		572.00	571.97	571.96	571.96	571.82	571.91	572.04	571.97	572.19	571.86					
11-20 Oct		571.83	571.61	571.78	571.66	571.41	571.69	571.76	571.68	571.60	571.71					
21-31 Oct	571.68	571.35	571.36	571.39	571.48	571.70	571.70	571.60	571.12	571.04	571.31	571.69	1000/9	572.72	0200/29	570.72
1-10 Nov		571.43	571.14	571.27	571.26	571.28	570.92	571.42	571.41	571.03	571.25					
11-20 Nov		571.27	571.25	571.00	570.92	571.12	571.04	570.93	570.96	571.00	571.07					
21-30 Nov	571.06	571.12	571.04	570.79	570.87	570.85	570.83	570.92	571.03	570.87	570.57		2200/7	571.89	1600/30	570.34
1-10 Dec		570.70	570.90	570.84	570.84	570.83	570.83	571.07	570.92	570.72	570.50					
11-20 Dec		570.80	570.71	570.86	570.37	570.67	570.77	570.63	570.76	570.67	570.89					
21-31 Dec	570.70	570.94	570.36	570.47	570.49	570.59	570.72	570.62	570.73	570.52	570.67	570.32	1900/26	571.56	1600/31	570.00

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3079: Marblehead, Ohio on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.08 FEET

HIGHEST
Monthly mean elevation: 572.95 Apr 1976
Daily mean elevation: 573.83 25 Apr 1976
Instant/hourly Elevation: 574.58 1515/25 Apr 1976

LOWEST
Monthly mean elevation: 570.45 Dec 1976
Daily mean elevation: 569.74 23 Dec 1976
Instant/hourly Elevation: 569.25 2245/23 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
571.99	1 Jan
572.22	29 Feb
573.22	2 Mar
573.83	25 Apr
573.22	15 May
573.15	2 Jun
573.07	22 Jul
573.18	7 Aug
572.57	2 Sep
572.18	7 Oct
571.41	1 Nov
570.88	30 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.63	9 Jan
570.74	7 Feb
572.05	5 Mar
572.60	22 Apr
572.47	3 May
572.58	30 Jun
572.57	1 Jul
572.28	31 Aug
571.70	11 Sep
570.55	21 Oct
570.18	30 Nov
569.74	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.80				1									573.80	1
573.60													573.60	1
573.40													573.40	1
573.20			1	2	1								573.20	5
573.00			3	5	10	5	1	2					573.00	31
572.80			10	17	14	16	15	4					572.80	107
572.60			9	4	3	8	13	14					572.60	158
572.40			2	1	3	1	2	9	2				572.40	178
572.20		1	4					2	6				572.20	191
572.00		6	2						15	7			572.00	221
571.80	3	5							6	5			571.80	240
571.60	7	1							1	9			571.60	258
571.40	12	6								5			571.40	282
571.20	5	6									1		571.20	295
571.00		2									2		571.00	306
570.80	2										9		570.80	318
570.60	2	2								1	7	2	570.60	336
570.40										3	6	5	570.40	343
570.20										1	1	5	570.20	351
570.00											3	5	570.00	355
569.80											1	3	569.80	355
569.60												1	569.60	356

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3079: Marblehead, Ohio on Lake Erie

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.				
1-10 Jan		571.99	571.76	571.00	570.82	571.52	571.49	571.74	571.45	570.63	571.51					
11-20 Jan		571.35	571.31	571.72	570.73	571.54	571.42	571.79	571.69	571.43	571.27					
21-31 Jan	571.47	571.26	571.51	571.88	571.74	571.99	571.49	571.56	571.37	571.43	571.79	571.48	1825/25	572.82	0427/4	569.92
1-10 Feb		571.45	571.01	571.49	571.33	571.82	571.34	570.74	570.80	571.42	571.21					
11-20 Feb		571.06	571.24	571.39	571.53	571.22	571.70	571.52	571.84	571.43	571.94					
21-29 Feb	571.59	572.02	572.08	571.96	571.97	572.07	572.16	572.15	572.14	572.22			2258/21	572.69	0025/8	569.83
1-10 Mar		572.95	573.22	572.75	572.74	572.05	572.25	572.21	572.84	573.06	572.73					
11-20 Mar		572.96	572.99	572.08	572.47	572.88	572.89	572.48	572.75	572.64	572.70					
21-31 Mar	572.72	572.35	572.92	572.79	572.71	572.74	572.89	572.36	573.04	573.15	572.92	572.85	0045/2	574.18	0850/13	570.73
1-10 Apr		572.74	572.89	573.13	573.37	572.82	572.92	573.00	573.06	572.95	572.79					
11-20 Apr		573.07	573.07	572.81	572.81	572.78	572.82	572.84	572.85	572.80	572.94					
21-30 Apr	572.95	572.92	572.60	572.84	573.37	573.83	573.03	572.82	572.82	572.90	572.97		1515/25	574.58	0905/22	572.15
1-10 May		572.92	572.59	572.47	572.75	572.48	573.19	573.01	572.85	572.80	572.88					
11-20 May		572.91	572.94	573.06	572.91	573.22	573.01	573.04	573.11	572.81	572.79					
21-31 May	572.93	572.98	572.99	573.01	573.09	573.00	572.96	572.99	572.98	573.01	573.03	572.94	0100/7	574.06	0130/3	571.60
1-10 Jun		573.09	573.15	573.11	573.04	572.96	572.87	572.84	572.82	572.85	572.84					
11-20 Jun		572.70	573.15	572.83	572.76	572.62	572.70	572.83	572.84	572.82	572.87					
21-30 Jun	572.85	572.97	572.90	572.81	572.71	572.69	572.75	572.81	572.75	572.87	572.58		1135/12	573.54	0100/25	571.96
1-10 Jul		572.57	572.78	572.86	572.94	572.86	572.84	572.77	572.79	572.88	572.66					
11-20 Jul		572.71	572.90	572.81	572.87	572.85	572.73	572.76	572.71	572.63	572.57					
21-31 Jul	572.79	572.81	573.07	572.75	572.87	572.91	572.68	572.69	572.86	572.70	572.85	572.92	2125/31	573.38	1155/10	572.08
1-10 Aug		572.90	572.88	572.81	572.71	572.51	573.02	573.18	572.73	572.71	572.71					
11-20 Aug		572.65	572.47	572.51	572.73	572.73	572.66	572.64	572.68	572.66	572.63					
21-31 Aug	572.66	572.63	572.53	572.60	572.89	572.64	572.52	572.41	572.35	572.56	572.45	572.28	1100/7	573.66	0740/31	571.93
1-10 Sep		572.25	572.57	572.26	571.99	572.35	572.29	572.11	572.06	572.14	571.94					
11-20 Sep		571.70	572.02	572.01	572.04	572.05	572.29	572.20	572.00	572.11	572.01					
21-30 Sep	572.11	572.02	571.88	571.82	572.18	572.11	572.29	572.47	572.18	571.82	572.12		1950/23	573.13	1140/23	570.70
1-10 Oct		572.12	572.03	572.03	572.09	571.95	571.93	572.18	572.07	572.13	571.79					
11-20 Oct		571.96	571.64	571.42	571.53	570.94	571.63	571.70	571.72	571.70	571.61					
21-31 Oct	571.62	570.55	570.74	571.44	571.58	571.82	571.83	571.70	570.74	570.70	571.42	571.62	1000/9	572.71	0315/29	569.83
1-10 Nov		571.41	571.09	571.20	571.19	571.10	570.46	571.25	571.11	570.91	571.03					
11-20 Nov		571.24	571.07	570.65	570.67	571.07	570.97	570.82	570.72	570.82	571.03					
21-30 Nov	570.87	570.97	570.40	570.29	570.65	570.92	570.80	570.80	570.89	570.39	570.18		2030/7	571.78	2232/29	569.65
1-10 Dec		570.50	570.30	/	/	/	/	/	/	/	/					
11-20 Dec		/	570.12	570.82	570.20	570.62	570.62	570.33	570.71	570.56	570.38					
21-31 Dec	570.45	570.25	570.02	569.74	570.43	570.55	570.58	570.65	570.77	570.40	570.88	/	0520/13	571.43	2245/23	569.25

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3085: Toledo, Ohio on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.05 FEET

HIGHEST
Monthly mean elevation: 572.99 Apr 1976
Daily mean elevation: 574.53 25 Apr 1976
Instant/hourly Elevation: 575.80 1400/25 Apr 1976

LOWEST
Monthly mean elevation: 570.42 Dec 1976
Daily mean elevation: 569.22 23 Dec 1976
Instant/hourly Elevation: 568.04 1400/2 Feb 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.25	25 Jan
572.34	21 Feb
573.73	2 Mar
574.53	25 Apr
573.52	15 May
573.43	12 Jun
573.27	22 Jul
573.49	7 Aug
572.71	2 Sep
572.27	7 Oct
571.40	1 Nov
571.06	6 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.12	4 Jan
570.86	8 Feb
571.31	5 Mar
572.30	22 Apr
571.67	3 May
572.41	15 Jun
572.28	1 Jul
572.22	28 Aug
571.30	11 Sep
569.70	21 Oct
569.36	30 Nov
569.22	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
574.40				1									574.40	1
574.20													574.20	1
574.00				1									574.00	2
573.80													573.80	2
573.60			1										573.60	3
573.40			2	1	2	1		1					573.40	10
573.20			2	1	2	3	1	1					573.20	20
573.00			3	5	12	3	1	1					573.00	45
572.80			6	12	7	11	11	4					572.80	96
572.60			6	7	4	7	9	14	1				572.60	144
572.40			3		1	5	8	5	2				572.40	168
572.20	1	3	1	2	1		1	5	7	2			572.20	191
572.00	1	5	1		1				10	7			572.00	216
571.80	5	5	3						3	4			571.80	236
571.60	4	1	1		1				3	6			571.60	252
571.40	10	6							3	5			571.40	276
571.20	6	5	2						1	1	1		571.20	292
571.00		1								1	4	2	571.00	300
570.80		3									8	3	570.80	314
570.60											8	7	570.60	329
570.40	1										3	8	570.40	341
570.20	2									3	1	2	570.20	349
570.00	1									1	1	3	570.00	355
569.80												5	569.80	360
569.60										1	3		569.60	364
569.40													569.40	364
569.20											1	1	569.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3085: Toledo, Ohio on Lake Erie

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		572.15	571.88	570.38	570.12	571.54	571.60	571.76	571.33	570.46	571.65					
11-20 Jan		571.31	571.25	571.84	570.33	571.57	571.37	571.81	571.76	571.57	571.35					
21-31 Jan	571.46	571.32	571.54	571.95	571.75	572.25	571.50	571.58	571.54	571.43	571.90	571.53	1800/25	573.30	0600/4	568.78
1-10 Feb		571.46	570.88	571.59	571.36	571.86	571.38	570.94	570.86	571.52	571.37					
11-20 Feb		571.05	571.42	571.49	571.65	571.32	571.92	571.47	571.93	571.40	572.17					
21-29 Feb	571.66	572.34	572.08	571.96	571.95	572.10	572.17	572.15	572.22	572.25			0100/22	573.30	1400/2	568.04
1-10 Mar		573.60	573.73	572.84	572.89	571.31	571.87	571.75	572.94	573.26	572.66					
11-20 Mar		573.14	573.12	571.39	572.21	572.94	572.59	572.12	572.78	572.59	572.66					
21-31 Mar	572.66	571.83	573.01	572.78	572.59	572.71	572.93	572.00	573.23	573.45	572.74	572.81	2300/1	575.27	1700/5	569.54
1-10 Apr		572.37	572.79	573.32	573.46	572.77	572.94	573.13	573.15	573.00	572.74					
11-20 Apr		573.07	572.84	572.88	572.87	572.75	572.83	572.85	572.84	572.79	573.14					
21-30 Apr	572.99	572.99	572.30	572.95	574.12	574.53	572.83	572.69	572.76	572.87	573.05		1400/25	575.80	0900/22	571.72
1-10 May		572.94	572.30	571.67	572.55	572.13	573.51	573.03	572.80	572.69	572.83					
11-20 May		572.88	573.01	573.23	572.88	573.52	573.02	572.99	573.07	572.63	572.63					
21-31 May	572.91	572.93	573.04	573.08	573.16	573.13	572.99	573.09	573.12	573.27	573.19	573.02	2400/6	574.69	2300/2	570.98
1-10 Jun		573.21	573.30	573.37	573.17	573.06	572.88	572.85	572.82	572.86	572.76					
11-20 Jun		572.57	573.43	572.81	572.71	572.41	572.52	572.89	572.87	572.84	572.89					
21-30 Jun	572.86	573.00	573.02	572.90	572.75	572.53	572.62	572.79	572.74	572.79	572.42		1400/12	574.24	1800/30	571.35
1-10 Jul		572.28	572.70	572.86	572.99	572.89	572.87	572.74	572.88	572.97	572.56					
11-20 Jul		572.41	572.78	572.76	572.86	572.78	572.58	572.69	572.60	572.56	572.42					
21-31 Jul	572.76	572.77	573.27	572.66	572.95	573.04	572.60	572.62	572.89	572.60	572.93	572.90	0100/12	573.76	0500/1	571.45
1-10 Aug		572.86	572.88	572.83	572.71	572.37	573.29	573.49	572.75	572.75	572.76					
11-20 Aug		572.62	572.38	572.46	572.82	572.71	572.68	572.64	572.69	572.69	572.66					
21-31 Aug	572.67	572.65	572.51	572.66	573.12	572.68	572.53	572.34	572.22	572.46	572.44	572.23	1400/13	574.00	0700/13	571.40
1-10 Sep		572.21	572.71	572.28	571.79	572.33	572.36	572.09	572.02	571.97	571.43					
11-20 Sep		571.30	572.08	572.10	572.13	572.24	572.54	572.35	571.99	572.18	571.85					
21-30 Sep	572.06	571.77	571.79	571.54	572.13	572.05	572.39	572.50	572.05	571.55	572.06		2100/23	573.61	1000/11	569.83
1-10 Oct		572.13	572.08	572.06	572.23	572.02	571.84	572.27	572.14	572.01	571.75					
11-20 Oct		572.07	571.62	571.02	571.40	570.40	571.53	571.61	571.79	571.83	571.45					
21-31 Oct	571.53	569.70	570.13	571.53	571.68	571.88	571.82	571.70	570.31	570.38	571.53	571.48	2000/7	572.77	2000/21	569.02
1-10 Nov		571.40	571.01	571.09	571.14	570.92	570.07	571.00	570.70	570.79	570.77					
11-20 Nov		571.19	570.86	570.28	570.41	571.00	570.90	570.61	570.51	570.69	570.99					
21-30 Nov	570.64	570.81	569.77	569.77	570.43	570.99	570.75	570.61	570.67	569.75	569.36		0100/11	571.90	1300/30	568.28
1-10 Dec		570.44	570.07	571.03	570.56	570.82	571.06	570.88	570.58	570.60	569.93					
11-20 Dec		570.77	570.03	570.64	569.93	570.61	570.64	570.23	570.90	570.69	570.15					
21-31 Dec	570.42	569.91	569.86	569.22	570.42	570.52	570.44	570.54	570.65	570.29	570.74	569.93	1100/11	572.17	2100/23	568.37

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3087: Monroe, Michigan on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.03 FEET

HIGHEST
Monthly mean elevation: 572.93 Apr 1976
Daily mean elevation: 573.95 25 Apr 1976
Instant/hourly Elevation: 575.27 1300/25 Apr 1976

LOWEST
Monthly mean elevation: 570.20 Dec 1976
Daily mean elevation: 568.75 23 Dec 1976
Instant/hourly Elevation: 568.27 1900/23 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.19	25 Jan
572.30	29 Feb
573.59	2 Mar
573.95	25 Apr
573.37	15 May
573.31	12 Jun
573.20	22 Jul
573.17	7 Aug
572.62	2 Sep
572.19	4 Oct
571.41	1 Nov
570.74	30 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.04	9 Jan
570.86	8 Feb
571.59	13 Mar
572.41	22 Apr
572.00	3 May
572.47	30 Jun
572.33	1 Jul
572.27	28 Aug
571.42	11 Sep
569.88	21 Oct
569.86	22 Nov
568.75	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.80				2									573.80	2
573.60													573.60	2
573.40			1										573.40	3
573.20			3	2	2	1							573.20	11
573.00			5	4	3	5		1					573.00	37
572.80			9	12	12	16	10	4					572.80	100
572.60			4	8	4	6	13	15	1				572.60	151
572.40			2	2	3	2	5	8					572.40	173
572.20		5					1	3					572.20	189
572.00	2	4	3						13	8			572.00	219
571.80	3	4	1		1				3	2			571.80	233
571.60	7		1						3	8			571.60	252
571.40	7	8	2						3	5	1		571.40	278
571.20	8	4								2			571.20	292
571.00		2								1	5		571.00	300
570.80		2									8		570.80	310
570.60										1	8	2	570.60	321
570.40	2									2	2	5	570.40	332
570.20	1									1	1	2	570.20	337
570.00	1										2	1	570.00	341
569.80										1	3	1	569.80	346
569.60												1	569.60	347
569.40													569.40	347
569.20													569.20	347
569.00													569.00	347
568.80													568.80	347
568.60												1	568.60	348

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 3087: Monroe, Michigan on Lake Erie

Monthly means		----- Daily Means -----										HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		572.05	571.92	570.53	570.22	571.28	571.69	571.66	571.32	570.04	571.47				
11-20 Jan		571.34	571.34	571.71	570.46	571.61	571.35	571.76	571.74	571.56	571.37				
21-31 Jan	571.44	571.31	571.53	571.94	571.75	572.19	571.52	571.60	571.54	571.40	571.84	571.56	1800/25	573.11	0500/4 569.07
1-10 Feb		571.42	571.01	571.57	571.34	571.82	571.37	570.96	570.86	571.51	571.36				
11-20 Feb		571.08	571.42	571.46	571.58	571.36	571.81	571.52	571.95	571.43	572.11				
21-29 Feb	571.67	572.26	571.94	572.01	572.09	572.19	572.22	572.24	572.21	572.30			0500/18	573.14	0500/17 569.79
1-10 Mar		573.19	573.59	572.89	572.87	571.60	572.03	571.78	572.89	573.21	572.74				
11-20 Mar		573.07	573.25	571.59	572.41	572.89	572.57	572.10	572.87	572.70	572.85				
21-31 Mar	572.71	571.89	573.01	572.84	572.78	572.75	573.06	572.18	573.18	573.36	572.88	572.94	0100/2	574.97	2000/5 569.95
1-10 Apr		572.50	572.77	573.22	573.22	572.79	572.92	573.04	573.00	572.96	572.75				
11-20 Apr		572.93	572.77	572.86	572.87	572.82	572.85	572.85	572.88	572.80	573.01				
21-30 Apr	572.93	573.01	572.41	572.90	573.86	573.95	572.67	572.62	572.73	572.84	573.04		1300/25	575.27	0800/22 571.77
1-10 May		572.93	572.48	572.00	572.66	572.49	573.26	572.92	572.78	572.75	572.87				
11-20 May		572.85	572.98	573.19	572.92	573.37	573.03	572.94	572.97	572.60	572.71				
21-31 May	572.91	572.91	573.02	573.03	573.10	573.00	572.93	573.03	573.08	573.20	573.15	573.00	2300/6	574.10	1500/3 571.03
1-10 Jun		573.11	573.18	573.20	573.06	573.00	572.84	572.86	572.80	572.86	572.81				
11-20 Jun		572.61	573.31	572.87	572.79	572.71	572.55	572.88	572.89	572.83	572.84				
21-30 Jun	572.86	572.96	573.05	572.86	572.83	572.64	572.67	572.81	572.82	572.84	572.47		1000/14	574.03	1800/30 571.65
1-10 Jul		572.33	572.69	572.85	572.98	572.87	572.86	572.73	572.79	573.02	572.62				
11-20 Jul		572.48	572.69	572.74	572.88	572.84	572.58	572.63	572.68	572.59	572.57				
21-31 Jul	572.75	572.79	573.20	572.73	572.81	572.99	572.64	572.58	572.91	572.61	572.82	572.78	1400/16	573.68	0400/1 571.66
1-10 Aug		572.79	572.81	572.82	572.69	572.46	572.98	573.17	572.66	572.74	572.73				
11-20 Aug		572.68	572.48	572.54	572.74	572.66	572.67	572.63	572.68	572.69	572.63				
21-31 Aug	572.64	572.65	572.52	572.59	572.97	572.65	572.54	572.44	572.27	572.42	572.35	572.33	1300/13	573.95	0700/30 571.71
1-10 Sep		572.18	572.62	572.35	571.87	572.26	572.32	572.11	572.05	571.94	571.48				
11-20 Sep		571.42	572.08	572.14	572.14	572.17	572.40	572.23	572.02	572.18	571.88				
21-30 Sep	572.05	571.76	571.78	571.61	572.08	572.02	572.35	572.32	572.03	571.60	572.02		2100/23	573.45	0900/11 569.86
1-10 Oct		572.07	572.04	572.09	572.19	572.10	571.80	572.09	572.04	571.87	571.72				
11-20 Oct		572.08	571.76	571.11	571.51	570.63	571.48	571.52	571.70	571.83	571.39				
21-31 Oct	571.52	569.88	570.25	571.57	571.66	571.72	571.63	571.62	570.44	570.54	571.46	571.38	1900/4	572.58	1700/21 569.01
1-10 Nov		571.41	571.07	571.11	571.17	570.96	570.20	570.94	570.65	570.97	570.80				
11-20 Nov		571.16	570.85	570.33	570.54	571.00	570.92	570.75	570.62	570.72	570.96				
21-30 Nov	570.71	570.71	569.86	569.93	570.52	571.05	570.90	570.71	570.64	569.96	570.01		0100/11	571.77	2100/29 569.04
1-10 Dec		570.45	570.02	/	/	/	/	/	/	/	/				
11-20 Dec		/	/	/	/	/	/	/	/	/	570.27	569.85			
21-31 Dec	570.20	/	/	568.75	570.27	570.53	570.43	570.56	570.63	570.41	570.74	569.67	0100/28	571.29	1900/23 568.27

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 3090: Fermi Power Plant, Stony Point, Michigan on Lake Erie

1976 YEARLY MEAN ELEVATION: 572.04 FEET

HIGHEST
Monthly mean elevation: 572.89 Apr 1976
Daily mean elevation: 573.71 25 Apr 1976
Instant/hourly Elevation: 574.86 1400/25 Apr 1976

LOWEST
Monthly mean elevation: 570.48 Dec 1976
Daily mean elevation: 569.54 23 Dec 1976
Instant/hourly Elevation: 568.64 2000/23 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.13	25 Jan
572.26	29 Feb
573.40	2 Mar
573.71	25 Apr
573.30	15 May
573.24	12 Jun
573.13	22 Jul
573.06	7 Aug
572.56	2 Sep
572.16	4 Oct
571.37	1 Nov
571.02	6 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.47	4 Jan
570.85	8 Feb
571.67	5 Mar
572.50	22 Apr
572.08	3 May
572.52	30 Jun
572.32	1 Jul
572.24	28 Aug
571.48	10 Sep
570.04	21 Oct
569.73	30 Nov
569.54	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.60				2									573.60	2
573.40													573.40	2
573.20			3		1	1							573.20	7
573.00			4	3	7	4	1	1					573.00	27
572.80			8	13	15	12	7	2					572.80	84
572.60			7	10	5	9	17	14					572.60	146
572.40			2	2	2	4	5	10	1				572.40	172
572.20		2					1	4	6				572.20	185
572.00	1	5			1				13	7			572.00	215
571.80	3	4	2						4	3			571.80	231
571.60	7	2	2						4	7			571.60	253
571.40	9	4							2	7			571.40	275
571.20	7	8								1	1		571.20	292
571.00		1								1	5	1	571.00	300
570.80		3									9	3	570.80	315
570.60	2									1	7	9	570.60	334
570.40	2									2	2	7	570.40	347
570.20										1	2	5	570.20	355
570.00										1	1	3	570.00	360
569.80											2	2	569.80	364
569.60											1		569.60	365
569.40												1	569.40	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 3090: Fermi Power Plant, Stony Point, Michigan on Lake Erie

	Monthly means	----- Daily Means -----										HIGH----Instant/hourly-----LOW			
												Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		571.99	571.89	570.61	570.47	571.57	571.61	571.64	571.34	570.67	571.60				
11-20 Jan		571.35	571.35	571.67	570.53	571.59	571.34	571.73	571.71	571.56	571.35				
21-31 Jan	571.46	571.29	571.50	571.86	571.69	572.13	571.46	571.52	571.51	571.37	571.80	1700/25	573.11	0500/4	569.36
1-10 Feb		571.38	571.00	571.53	571.31	571.77	571.33	570.95	570.85	571.46	571.34				
11-20 Feb		571.06	571.38	571.40	571.53	571.32	571.76	571.45	571.84	571.34	571.99				
21-29 Feb	571.62	572.16	571.85	571.98	572.06	572.15	572.18	572.22	572.15	572.26		0500/18	572.96	0800/17	569.87
1-10 Mar		573.07	573.40	572.73	572.78	571.67	572.03	571.82	572.80	573.12	572.68				
11-20 Mar		572.98	573.21	571.68	572.45	572.84	572.51	572.11	572.85	572.72	572.86				
21-31 Mar	572.68	571.96	572.95	572.83	572.80	572.73	573.01	572.20	573.11	573.27	572.93	0100/2	574.74	1900/5	569.93
1-10 Apr		572.54	572.77	573.16	573.14	572.77	572.88	572.98	572.94	572.92	572.76				
11-20 Apr		572.76	572.77	572.84	572.86	572.78	572.82	572.85	572.85	572.76	572.96				
21-30 Apr	572.89	572.97	572.50	572.86	573.66	573.71	572.70	572.63	572.72	572.83	573.01	1400/25	574.86	2400/25	572.03
1-10 May		572.91	572.48	572.08	572.68	572.61	573.18	572.90	572.79	572.77	572.87				
11-20 May		572.82	572.96	573.15	572.89	573.30	572.98	572.89	572.90	572.57	572.71				
21-31 May	572.88	572.89	572.97	572.96	573.01	572.93	572.90	573.01	573.03	573.12	573.08	2400/6	573.96	1500/3	571.22
1-10 Jun		573.01	573.07	573.11	573.03	572.95	572.83	572.82	572.78	572.82	572.81				
11-20 Jun		572.59	573.24	572.84	572.78	572.70	572.56	572.80	572.88	572.81	572.78				
21-30 Jun	572.82	572.90	572.94	572.81	572.83	572.57	572.65	572.78	572.76	572.77	572.52	1400/12	573.82	0200/25	571.67
1-10 Jul		572.32	572.65	572.77	572.90	572.82	572.82	572.75	572.79	572.91	572.75				
11-20 Jul		572.51	572.64	572.67	572.85	572.79	572.54	572.67	572.63	572.60	572.57				
21-31 Jul	572.73	572.75	573.13	572.71	572.80	572.94	572.65	572.61	572.87	572.58	572.79	1400/16	573.53	0300/1	571.66
1-10 Aug		572.75	572.76	572.78	572.68	572.47	572.93	573.06	572.67	572.66	572.68				
11-20 Aug		572.65	572.47	572.48	572.67	572.62	572.60	572.59	572.64	572.64	572.59				
21-31 Aug	572.61	572.61	572.49	572.53	572.90	572.61	572.52	572.42	572.24	572.35	572.36	1300/13	573.76	0700/30	571.68
1-10 Sep		572.15	572.56	572.35	571.86	572.24	572.30	572.11	572.03	571.92	571.48				
11-20 Sep		571.51	572.09	572.11	572.14	572.12	572.37	572.20	571.97	572.18	571.86				
21-30 Sep	572.03	571.77	571.76	571.62	572.06	572.02	572.29	572.27	572.01	571.63	572.04	2100/23	573.30	1200/23	570.14
1-10 Oct		572.08	572.02	572.01	572.16	572.06	571.77	572.05	571.99	571.83	571.73				
11-20 Oct		572.05	571.78	571.09	571.47	570.64	571.47	571.48	571.69	571.81	571.42				
21-31 Oct	571.51	570.04	570.35	571.55	571.63	571.66	571.61	571.58	570.53	570.60	571.45	2000/4	572.51	2000/15	569.04
1-10 Nov		571.37	571.14	571.12	571.16	571.00	570.29	570.95	570.70	570.96	570.80				
11-20 Nov		571.12	570.86	570.39	570.52	570.99	570.92	570.81	570.65	570.71	570.97				
21-30 Nov	570.72	570.78	569.94	569.99	570.54	571.03	570.91	570.72	570.63	570.02	569.73	0700/7	571.72	1500/30	568.91
1-10 Dec		570.54	570.13	570.98	570.57	570.82	571.02	570.77	570.60	570.72	570.23				
11-20 Dec		570.74	570.10	570.62	570.33	570.63	570.65	570.28	570.85	570.73	570.16				
21-31 Dec	570.48	569.83	570.25	569.54	570.58	570.53	570.44	570.56	570.61	570.32	570.70	1000/11	572.00	2000/23	568.64

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4020: Gibraltar, Michigan on Detroit River

1976 YEARLY MEAN ELEVATION: 572.22 FEET

HIGHEST
Monthly mean elevation: 573.02 May 1976
Daily mean elevation: 573.74 1 Mar 1976
Instant/hourly Elevation: 574.93 0100/2 Mar 1976

LOWEST
Monthly mean elevation: 570.76 Dec 1976
Daily mean elevation: 569.94 23 Dec 1976
Instant/hourly Elevation: 569.05 2200/12 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.33	25 Jan
572.48	29 Feb
573.74	1 Mar
573.68	24 Apr
573.40	15 May
573.38	12 Jun
573.28	22 Jul
573.14	7 Aug
572.72	2 Sep
572.35	4 Oct
571.55	1 Nov
571.27	6 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
570.29	3 Jan
571.09	8 Feb
571.91	13 Mar
572.70	22 Apr
572.20	3 May
572.76	11 Jun
572.44	1 Jul
572.45	28 Aug
571.68	10 Sep
570.44	21 Oct
570.12	30 Nov
569.94	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
573.60			1	2									573.60	3
573.40			2										573.40	5
573.20			3	1	5	2	1						573.20	17
573.00			8	9	14	9	5	3					573.00	65
572.80			8	13	9	15	17	11					572.80	138
572.60			2	5	2	4	7	14	1				572.60	173
572.40		1	1				1	3	4				572.40	183
572.20	1	7	2						12	4			572.20	209
572.00	1	2	1		1				7	6			572.00	227
571.80	12	3	3						4	4			571.80	253
571.60	9	4							2	9			571.60	277
571.40	3	8								2	2		571.40	292
571.20		2								1	6	2	571.20	303
571.00	1	2									7	4	571.00	317
570.80	1									3	7	13	570.80	341
570.60	1									1	4	5	570.60	352
570.40										1		3	570.40	356
570.20	1										3	2	570.20	362
570.00											1	1	570.00	364
569.80												1	569.80	365

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 4020: Gibraltar, Michigan on Detroit River

	Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		571.88	/	570.29	570.78	571.82	571.92	571.85	571.61	571.10	571.89						
11-20 Jan		571.69	571.63	571.87	570.85	571.85	571.56	571.86	571.93	571.85	571.63						
21-31 Jan	571.66	571.53	571.73	572.07	571.91	572.33	571.69	571.74	571.76	571.53	571.93	571.71	1800/25	573.24	1800/3	569.77	
1-10 Feb		571.51	571.25	571.73	571.51	571.92	571.52	571.20	571.09	571.66	571.52						
11-20 Feb		571.25	571.60	571.55	571.69	571.53	571.91	571.64	572.04	571.56	572.15						
21-29 Feb	571.81	572.29	572.00	572.22	572.26	572.33	572.25	572.39	572.30	572.48			0100/29	573.13	0800/17	570.11	
1-10 Mar		573.74	573.49	572.88	572.91	571.95	572.30	572.00	572.94	573.23	572.84						
11-20 Mar		573.09	573.43	571.91	572.66	572.96	572.61	572.24	573.04	572.90	573.09						
21-31 Mar	572.86	572.10	573.10	572.99	573.01	572.88	573.16	572.44	573.23	573.40	573.11	573.03	0100/2	574.93	2000/5	570.41	
1-10 Apr		572.71	572.88	573.27	573.19	572.92	573.01	573.08	573.03	573.05	572.90						
11-20 Apr		572.80	572.91	572.98	573.00	572.96	572.97	572.98	572.99	572.89	573.05						
21-30 Apr	573.01	573.13	572.70	573.01	573.68	573.68	572.75	572.73	572.85	572.95	573.14		1400/25	574.78	2400/25	572.13	
1-10 May		573.04	572.74	572.20	572.88	572.89	573.22	573.02	572.93	572.95	573.04						
11-20 May		572.94	573.10	573.29	573.03	573.40	573.13	572.99	572.97	572.68	572.86						
21-31 May	573.02	572.99	573.10	573.07	573.10	573.03	573.03	573.13	573.17	573.25	573.22	573.09	0100/7	574.07	1500/3	571.36	
1-10 Jun		573.13	573.19	573.23	573.16	573.09	572.98	572.96	572.92	572.96	572.96						
11-20 Jun		572.76	573.38	573.01	572.96	572.94	572.77	572.98	573.07	572.98	572.94						
21-30 Jun	572.99	573.03	573.11	572.98	573.12	572.78	572.84	572.95	572.96	572.89	572.79		1400/12	574.07	0200/25	571.98	
1-10 Jul		572.44	572.85	572.92	573.04	572.98	572.97	572.90	572.95	573.08	572.93						
11-20 Jul		572.70	572.78	572.82	573.02	572.98	572.70	572.84	572.81	572.80	572.80						
21-31 Jul	572.89	572.92	573.28	572.88	572.94	573.08	572.85	572.78	573.05	572.76	572.98	572.90	1300/16	573.63	0400/1	571.92	
1-10 Aug		572.91	572.92	572.97	572.88	572.70	573.02	573.14	572.86	572.82	572.86						
11-20 Aug		572.86	572.68	572.66	572.84	572.76	572.77	572.76	572.81	572.81	572.77						
21-31 Aug	572.78	572.79	572.68	572.67	573.04	572.78	572.71	572.65	572.45	572.48	572.55	572.63	1300/13	573.77	0700/30	571.84	
1-10 Sep		572.34	572.72	572.60	572.09	572.40	572.48	572.32	572.24	572.12	571.68						
11-20 Sep		571.75	572.29	572.32	572.35	572.28	572.49	572.35	572.15	572.36	572.05						
21-30 Sep	572.22	571.95	571.96	571.88	572.23	572.20	572.45	572.37	572.16	571.83	572.20		2100/23	573.36	1200/23	570.43	
1-10 Oct		572.26	572.20	572.18	572.35	572.29	571.95	572.17	572.13	571.95	571.91						
11-20 Oct		572.25	572.09	571.33	571.71	571.00	571.62	571.61	571.84	572.01	571.59						
21-31 Oct	571.71	570.44	570.65	571.74	571.80	571.77	571.70	571.72	570.88	570.91	571.61	571.45	2000/4	572.76	2000/21	569.81	
1-10 Nov		571.55	571.41	571.33	571.35	571.21	570.62	571.11	570.89	571.27	571.00						
11-20 Nov		571.28	571.06	570.65	570.78	571.17	571.12	571.09	570.88	570.90	571.14						
21-30 Nov	570.96	570.96	570.23	570.31	570.77	571.28	571.15	570.95	570.81	570.37	570.12		2400/27	571.91	1500/30	569.40	
1-10 Dec		570.83	570.34	571.23	570.84	571.04	571.27	570.90	570.85	571.04	570.69						
11-20 Dec		570.97	570.42	570.81	570.73	570.92	570.89	570.50	571.03	570.94	570.33						
21-31 Dec	570.76	570.02	570.66	569.94	570.94	570.85	570.68	570.84	570.86	570.65	571.01	570.44	1000/11	572.12	2200/12	569.05	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4030: Wyandotte, Michigan on Detroit River

1976 YEARLY MEAN ELEVATION: 573.52 FEET

HIGHEST
Monthly mean elevation: 574.22 May 1976
Daily mean elevation: 574.80 25 Apr 1976
Instant/hourly Elevation: 575.31 1300/25 Apr 1976

LOWEST
Monthly mean elevation: 572.24 Dec 1976
Daily mean elevation: 571.75 30 Nov 1976
Instant/hourly Elevation: 571.42 1400/30 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
573.69	8 Jan
573.71	25 Feb
574.46	2 Mar
574.80	25 Apr
574.45	15 May
574.40	12 Jun
574.38	22 Jul
574.34	7 Aug
573.93	2 Sep
573.51	7 Oct
572.89	1 Nov
572.56	6 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
572.54	4 Jan
572.39	8 Feb
573.47	13 Mar
573.86	22 Apr
573.66	3 May
574.03	16 Jun
573.89	1 Jul
573.78	28 Aug
573.23	29 Sep
572.29	22 Oct
571.75	30 Nov
571.83	21 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
574.60				1									574.60	1
574.40			1	1	1								574.40	4
574.20			5	4	23	12	13	4					574.20	65
574.00			13	21	4	18	17	16					574.00	154
573.80			5	3	2		1	10	1				573.80	176
573.60	2	4	3		1			1	9				573.60	196
573.40	7	2	4						14	8			573.40	231
573.20	10	1							6	5			573.20	253
573.00	8	3								7			573.00	271
572.80	1	2								6	1		572.80	281
572.60		8								1	4		572.60	294
572.40	2	2								1	11	4	572.40	314
572.20		1								3	9	15	572.20	342
572.00											2	8	572.00	352
571.80											2	4	571.80	358
571.60											1		571.60	359

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 4030: Wyandotte, Michigan on Detroit River

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			573.42	573.33	572.60	572.54	573.11	573.46	573.65	573.69	573.36	573.51						
11-20 Jan			573.43	573.33	573.44	573.01	573.29	573.29	573.29	573.21	573.14	573.12						
21-31 Jan	573.25		573.22	573.36	573.44	573.30	573.41	573.15	573.11	573.07	572.99	573.14			1800/25	573.87	2100/3	572.01
1-10 Feb			/	/	572.67	572.58	572.82	572.62	572.45	572.39	572.74	572.76						
11-20 Feb			572.61	572.73	572.72	572.83	572.77	573.09	573.13	573.39	573.18	573.48						
21-29 Feb	573.01		/	/	/	/	573.71	573.69	573.67	573.60	573.69				0200/29	574.02	2200/7	572.13
1-10 Mar			574.10	574.46	574.17	574.24	573.57	573.81	573.59	574.20	574.36	574.10						
11-20 Mar			574.21	574.39	573.47	573.79	574.06	573.93	573.61	574.05	573.95	574.01						
21-31 Mar	574.01		573.48	574.09	574.02	573.98	573.99	574.16	573.72	574.20	574.35	574.12	574.05		0200/2	575.18	1800/21	572.83
1-10 Apr			573.91	574.00	574.26	574.30	574.09	574.14	574.20	574.16	574.14	574.02						
11-20 Apr			574.07	574.08	574.08	574.10	574.05	574.07	574.09	574.07	574.01	574.13						
21-30 Apr	574.15		574.16	573.86	574.10	574.58	574.80	574.18	574.12	574.19	574.23	574.31			1300/25	575.31	0900/22	573.56
1-10 May			574.23	574.01	573.66	574.00	573.94	574.40	574.37	574.28	574.27	574.29						
11-20 May			574.27	574.32	574.40	574.24	574.45	574.30	574.26	574.24	574.03	574.09						
21-31 May	574.22		574.22	574.27	574.27	574.28	574.25	574.20	574.26	574.28	574.33	574.31	574.25		0200/7	574.83	1600/3	573.31
1-10 Jun			574.32	574.33	574.37	574.32	574.29	574.20	574.17	574.14	574.15	574.12						
11-20 Jun			574.04	574.40	574.18	574.09	574.06	574.03	574.17	574.21	574.21	574.22						
21-30 Jun	574.19		574.25	574.26	574.20	574.27	574.07	574.10	574.17	574.16	574.16	574.14			1500/12	574.75	1700/25	573.81
1-10 Jul			573.89	574.12	574.19	574.28	574.23	574.22	574.16	574.22	574.26	574.18						
11-20 Jul			574.07	574.16	574.17	574.27	574.25	574.08	574.10	574.08	574.06	574.03						
21-31 Jul	574.17		574.17	574.38	574.13	574.20	574.28	574.08	574.09	574.24	574.22	574.32	574.25		2400/28	574.66	0900/1	573.64
1-10 Aug			574.24	574.23	574.20	574.12	574.01	574.25	574.34	574.09	574.10	574.09						
11-20 Aug			574.06	573.93	573.97	574.10	574.04	574.05	574.03	574.04	574.03	574.00						
21-31 Aug	574.04		574.01	573.93	573.97	574.16	574.02	573.96	573.90	573.78	573.82	573.89	573.85		1400/13	574.60	0800/30	573.55
1-10 Sep			573.73	573.93	573.78	573.50	573.72	573.75	573.62	573.57	573.51	573.27						
11-20 Sep			573.27	573.56	573.58	573.59	573.60	573.71	573.67	573.52	573.59	573.47						
21-30 Sep	573.55		573.38	573.31	573.29	573.52	573.47	573.65	573.65	573.48	573.23	573.45			1600/2	574.19	1300/23	572.65
1-10 Oct			573.47	573.45	573.42	573.50	573.45	573.34	573.51	573.45	573.35	573.28						
11-20 Oct			573.43	573.29	572.89	573.03	572.61	572.97	573.02	573.13	573.23	573.00						
21-31 Oct	573.07		572.31	572.29	572.92	573.06	573.03	573.05	573.03	572.47	572.40	572.88	572.87		2100/4	573.69	2200/21	571.94
1-10 Nov			572.89	572.74	572.71	572.74	572.60	572.25	572.53	572.43	572.58	572.48						
11-20 Nov			572.64	572.48	572.22	572.28	572.51	572.48	572.41	572.30	572.33	572.50						
21-30 Nov	572.39		572.39	571.91	571.94	572.19	572.46	572.37	572.31	572.28	572.01	571.75			1600/1	573.06	1400/30	571.42
1-10 Dec			572.24	571.98	572.45	572.31	572.42	572.56	572.40	572.40	572.41	572.25						
11-20 Dec			572.38	572.25	572.34	572.18	572.37	572.37	572.08	572.36	572.27	572.02						
21-31 Dec	572.24		571.83	572.09	571.90	572.30	572.27	572.17	572.18	572.20	572.06	572.27	572.00		1100/11	572.91	1700/23	571.54

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4036: Fort Wayne, Detroit, Michigan on Detroit River

1976 YEARLY MEAN ELEVATION: 574.01 FEET

HIGHEST
Monthly mean elevation: 574.68 May 1976
Daily mean elevation: 575.18 25 Apr 1976
Instant/hourly Elevation: 575.68 0200/12 Apr 1976

LOWEST
Monthly mean elevation: 572.73 Dec 1976
Daily mean elevation: 572.31 30 Nov 1976
Instant/hourly Elevation: 572.11 1400/30 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
574.43	11 Jan
574.24	23 Feb
574.81	2 Mar
575.18	25 Apr
574.87	7 May
574.79	3 Jun
574.82	30 Jul
574.76	7 Aug
574.36	2 Sep
573.99	7 Oct
573.37	1 Nov
573.01	6 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
573.14	4 Jan
572.96	11 Feb
573.95	21 Mar
574.30	22 Apr
574.20	3 May
574.51	15 Jun
574.44	1 Jul
574.22	28 Aug
573.76	29 Sep
572.88	22 Oct
572.31	30 Nov
572.41	21 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
575.00				1									575.00	1
574.80			1	1	3		1						574.80	7
574.60			7	7	22	22	19	5					574.60	89
574.40	1		9	19	4	8	11	18					574.40	159
574.20	3	1	8	2	1			8	1				574.20	183
574.00	6	9	4		1				17				574.00	220
573.80	8	1							10	10			573.80	251
573.60	4	1	2						2	4			573.60	262
573.40	6	2								9			573.40	279
573.20	1	5								3	4		573.20	292
573.00	2	9								2	4	1	573.00	310
572.80		1								3	14	10	572.80	338
572.60											4	13	572.60	355
572.40											3	7	572.40	365
572.20											1		572.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 4036: Fort Wayne, Detroit, Michigan on Detroit River

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			573.89	573.78	573.17	573.14	573.56	573.87	574.04	574.11	574.11	574.39						
11-20 Jan			574.43	574.37	574.32	574.01	574.16	573.94	573.95	574.01	573.99	573.83						
21-31 Jan	573.84		573.80	573.81	573.85	573.68	573.76	573.60	573.59	573.55	573.50	573.57	573.37	0700/11	574.60	2000/3	572.69	
1-10 Feb			573.22	573.10	573.24	573.11	573.24	573.18	573.06	573.05	573.27	573.12						
11-20 Feb			572.96	573.08	573.07	573.21	573.20	573.47	573.58	573.83	573.72	574.01						
21-29 Feb	573.55		574.15	574.17	574.24	574.15	574.18	574.16	574.12	574.07	574.12			1000/21	574.50	2100/7	572.80	
1-10 Mar			574.48	574.81	574.61	574.70	574.15	574.33	574.15	574.65	574.75	574.54						
11-20 Mar			574.62	574.75	574.00	574.22	574.46	574.37	574.09	574.42	574.34	574.38						
21-31 Mar	574.43		573.95	574.45	574.40	574.37	574.40	574.53	574.16	574.56	574.69	574.50	574.44	0200/2	575.37	1800/27	573.46	
1-10 Apr			574.34	574.41	574.62	574.68	574.50	574.55	574.59	574.55	574.54	574.43						
11-20 Apr			574.50	574.54	574.49	574.51	574.46	574.49	574.49	574.46	574.44	574.53						
21-30 Apr	574.57		574.53	574.30	574.52	574.89	575.18	574.67	574.62	574.68	574.71	574.74		0200/12	575.68	1000/22	574.02	
1-10 May			574.69	574.51	574.20	574.47	574.40	574.84	574.87	574.77	574.75	574.78						
11-20 May			574.77	574.79	574.79	574.71	574.84	574.75	574.73	574.68	574.53	574.58						
21-31 May	574.68		574.69	574.72	574.72	574.73	574.68	574.66	574.69	574.70	574.74	574.72	574.70	0200/7	575.19	1700/3	573.92	
1-10 Jun			574.76	574.77	574.79	574.74	574.72	574.66	574.62	574.60	574.61	574.57						
11-20 Jun			574.52	574.77	574.61	574.54	574.51	574.51	574.63	574.64	574.67	574.69						
21-30 Jun	574.65		574.70	574.71	574.66	574.72	574.57	574.60	574.63	574.62	574.62	574.63		1800/24	575.04	1400/14	574.35	
1-10 Jul			574.44	574.60	574.66	574.74	574.70	574.68	574.64	574.68	574.71	574.66						
11-20 Jul			574.57	574.68	574.67	574.73	574.73	574.56	574.59	574.56	574.53	574.48						
21-31 Jul	574.65		574.64	574.79	574.60	574.68	574.71	574.56	574.56	574.70	574.76	574.82	574.75	2300/28	575.12	1300/1	574.24	
1-10 Aug			574.74	574.71	574.63	574.60	574.51	574.71	574.76	574.56	574.57	574.57						
11-20 Aug			574.52	574.40	574.44	574.56	574.51	574.51	574.50	574.52	574.50	574.47						
21-31 Aug	574.50		574.46	574.40	574.42	574.55	574.46	574.40	574.34	574.22	574.27	574.33	574.27	1300/7	574.91	1000/3	573.63	
1-10 Sep			574.20	574.36	574.20	573.99	574.17	574.19	574.07	574.06	574.02	573.82						
11-20 Sep			573.82	574.03	574.07	574.06	574.10	574.15	574.15	574.02	574.07	573.98						
21-30 Sep	574.03		573.88	573.82	573.80	574.00	573.96	574.12	574.11	573.96	573.76	573.93		1600/2	574.51	1000/23	573.37	
1-10 Oct			573.94	573.92	573.90	573.94	573.88	573.86	573.99	573.93	573.84	573.79						
11-20 Oct			573.89	573.74	573.44	573.54	573.17	573.48	573.51	573.62	573.68	573.50						
21-31 Oct	573.57		572.92	572.88	573.39	573.53	573.53	573.52	573.50	573.01	572.98	573.36	573.36	1100/7	574.12	2200/21	572.59	
1-10 Nov			573.37	573.24	573.21	573.23	573.10	572.81	573.03	572.96	573.08	572.99						
11-20 Nov			573.10	573.00	572.76	572.81	572.99	572.96	572.87	572.81	572.84	572.98						
21-30 Nov	572.90		572.88	572.48	572.48	572.71	572.92	572.83	572.78	572.77	572.55	572.31		1500/1	573.50	1400/30	572.11	
1-10 Dec			572.71	572.50	572.90	572.81	572.92	573.01	572.90	572.89	572.93	572.76						
11-20 Dec			572.87	572.79	572.84	572.69	572.84	572.83	572.60	572.80	572.73	572.55						
21-31 Dec	572.73		572.41	572.58	572.46	572.75	572.78	572.67	572.67	572.67	572.49	572.68	572.64	1200/11	573.24	1600/23	572.19	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4049: Windmill Point, Detroit, Michigan on the Detroit River

1976 YEARLY MEAN ELEVATION: 574.85 FEET

HIGHEST
Monthly mean elevation: 575.56 May 1976
Daily mean elevation: 575.96 25 Apr 1976
Instant/hourly Elevation: 576.45 1200/25 Apr 1976

LOWEST
Monthly mean elevation: 573.59 Dec. 1976
Daily mean elevation: 573.21 30 Dec 1976
Instant/hourly Elevation: 573.10 1200/30 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
575.02	11 Jan
575.25	22 Feb
575.61	3 Mar
575.96	25 Apr
575.78	7 May
575.62	2 Jun
575.74	29 Jul
575.66	1 Aug
575.18	2 Sep
574.75	1 Oct
574.21	1 Nov
573.85	7 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
574.00	31 Jan
573.60	11 Feb
574.95	21 Mar
575.14	22 Apr
575.19	5 May
575.32	15 Jun
575.38	20 Jul
575.08	31 Aug
574.66	29 Sep
573.89	22 Oct
573.30	30 Nov
573.21	30 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
575.80				1									575.80	1
575.60			1	4	12	3	6	2					575.60	29
575.40			7	8	15	24	24	10					575.40	117
575.20		2	10	16	3	3	1	15					575.20	167
575.00	2	7	11	1	1			4	5				575.00	198
574.80	5	1	1						20				574.80	225
574.60	6	2							5	7			574.60	245
574.40	4	1								5			574.40	255
574.20	6	1								8	1		574.20	271
574.00	7	1								3	3		574.00	285
573.80	1	2								4	10	4	573.80	306
573.60		11									11	11	573.60	339
573.40		1									4	12	573.40	356
573.20											1	4	573.20	361

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 4049: Windmill Point, Detroit, Michigan on the Detroit River

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LWN			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		574.79	574.65	574.29	574.28	574.45	574.66	574.78	574.90	574.91	575.01					
11-20 Jan		575.02	574.98	574.91	574.81	574.77	574.64	574.59	574.58	574.49	574.38					
21-31 Jan	574.51	574.35	574.34	574.31	574.18	574.13	574.12	574.11	574.12	574.13	574.17	574.00	2000/10	575.08	1900/31	573.91
1-10 Feb		573.84	573.75	573.70	573.61	573.66	573.69	573.68	573.65	573.76	573.67					
11-20 Feb		573.60	573.68	573.78	573.96	574.01	574.26	574.50	574.71	574.79	574.97					
21-29 Feb	574.32	575.11	575.25	575.21	575.19	575.15	575.10	575.02	575.01	575.01			0300/23	575.34	1500/11	573.53
1-10 Mar		575.26	575.48	575.61	/	575.07	575.35	575.30	575.57	575.59	575.47					
11-20 Mar		575.48	575.42	575.09	575.07	575.32	575.28	575.12	575.20	575.14	575.09					
21-31 Mar	575.27	574.95	575.20	575.19	575.10	575.26	575.27	575.05	575.33	575.44	575.25	575.26	1900/2	575.74	1200/5	574.38
1-10 Apr		575.22	575.28	575.41	575.56	575.37	575.42	575.44	575.43	575.36	575.29					
11-20 Apr		575.44	575.36	575.32	575.33	575.26	575.31	575.30	575.27	575.27	575.34					
21-30 Apr	575.41	575.32	575.14	575.34	575.59	575.96	575.63	575.62	575.63	575.62	575.58		1200/25	576.45	0800/22	574.76
1-10 May		575.52	575.37	575.26	575.32	575.19	575.72	575.78	575.72	575.71	575.68					
11-20 May		575.73	575.68	575.64	575.55	575.64	575.61	575.65	575.62	575.48	575.49					
21-31 May	575.56	575.58	575.58	575.59	575.58	575.56	575.51	575.50	575.52	575.54	575.54	575.55	2100/6	575.96	1800/5	574.94
1-10 Jun		575.61	575.62	575.62	575.59	575.55	575.52	575.49	575.48	575.47	575.41					
11-20 Jun		575.42	575.52	575.43	575.36	575.32	575.40	575.48	575.46	575.54	575.56					
21-30 Jun	575.50	575.57	575.53	575.51	575.52	575.51	575.48	575.50	575.49	575.51	575.52		0300/30	575.73	1300/14	575.12
1-10 Jul		575.44	575.50	575.55	575.59	575.59	575.57	575.52	575.57	575.54	575.51					
11-20 Jul		575.55	575.64	575.62	575.61	575.60	575.54	575.48	575.46	575.42	575.38					
21-31 Jul	575.55	575.53	575.57	575.50	575.57	575.55	575.42	575.45	575.53	575.74	575.74	575.70	2300/28	576.00	1100/20	575.25
1-10 Aug		575.66	575.63	575.53	575.46	575.41	575.60	575.60	575.45	575.47	575.44					
11-20 Aug		575.35	575.28	575.32	575.43	575.42	575.40	575.39	575.38	575.35	575.32					
21-31 Aug	575.37	575.30	575.25	575.32	575.34	575.30	575.25	575.18	575.12	575.19	575.22	575.08	2200/5	575.79	1500/31	575.00
1-10 Sep		575.15	575.18	574.99	574.92	575.05	575.03	574.94	574.94	574.93	574.84					
11-20 Sep		574.82	574.91	574.92	574.89	574.96	575.00	575.03	574.94	574.92	574.92					
21-30 Sep	574.91	574.82	574.76	574.71	574.86	574.80	574.94	574.95	574.83	574.66	574.77		1900/1	575.29	0800/23	574.45
1-10 Oct		574.75	574.75	574.74	574.72	574.66	574.74	/	/	/	/					
11-20 Oct		574.66	574.52	574.39	574.40	574.16	574.36	574.42	574.46	574.48	574.37					
21-31 Oct	574.38	573.99	573.89	574.17	574.34	574.37	574.41	574.34	573.96	573.93	574.17	574.24	1400/6	574.99	0900/29	573.67
1-10 Nov		574.21	574.07	574.08	574.10	573.99	573.79	573.95	573.91	573.88	573.91					
11-20 Nov		573.95	573.90	573.72	573.74	573.85	573.83	573.69	573.69	573.74	573.83					
21-30 Nov	573.78	573.77	573.48	573.46	573.59	573.67	573.61	573.64	573.68	573.50	573.30		0700/1	574.30	1200/30	573.10
1-10 Dec		573.56	573.51	573.68	573.72	573.80	573.81	573.85	573.82	573.82	573.68					
11-20 Dec		573.76	573.73	573.76	573.56	573.72	573.71	573.59	573.68	573.62	573.59					
21-31 Dec	573.59	573.49	573.47	573.42	573.52	573.52	573.45	573.41	573.38	573.24	573.21	573.24	1500/8	573.92	2400/29	573.13

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4052: St. Clair Shores, Michigan on Lake St. Clair

1976 YEARLY MEAN ELEVATION: 575.08 FEET

HIGHEST
Monthly mean elevation: 575.77 May 1976
Daily mean elevation: 575.96 8 May 1976
Instant/hourly Elevation: 576.33 1200/25 Apr 1976

LOWEST
Monthly mean elevation: 573.87 Dec 1976
Daily mean elevation: 573.43 30 Dec 1976
Instant/hourly Elevation: 573.42 1800/30 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
575.22	11 Jan
575.56	23 Feb
575.85	4 Mar
575.94	25 Apr
575.96	8 May
575.79	2 Jun
575.93	29 Jul
575.84	1 Aug
575.36	2 Sep
575.02	7 Oct
574.46	1 Nov
574.14	9 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
574.25	31 Jan
573.80	4 Feb
575.19	21 Mar
575.39	22 Apr
575.52	3 May
575.60	11 Jun
575.62	20 Jul
575.35	28 Aug
574.94	29 Sep
574.23	22 Oct
573.69	30 Nov
573.43	30 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
575.80			1	6	11		4	1					575.80	23
575.60			10	4	17	27	27	9					575.60	117
575.40		4	12	19	3	3		17					575.40	175
575.20	1	6	7	1				4	5				575.20	199
575.00	8	2	1						19	1			575.00	230
574.80	6								6	10			574.80	252
574.60	3	1								5			574.60	261
574.40	5	1								10	1		574.40	278
574.20	8	1								5	4		574.20	296
574.00		3									11	9	574.00	319
573.80		10									11	12	573.80	352
573.60		1									3	7	573.60	363
573.40												3	573.40	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

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

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			575.02	574.94	574.63	574.60	574.75	574.86	574.97	575.14	575.17	575.20						
11-20 Jan			575.22	575.18	575.09	575.11	575.05	574.92	574.88	574.81	574.69	574.59						
21-31 Jan	574.74		574.57	574.55	574.47	574.36	574.28	574.30	574.29	574.32	574.33	574.36	574.25		0700/11	575.24	2300/31	574.16
1-10 Feb			574.09	574.02	573.88	573.80	573.81	573.86	573.91	573.85	573.93	573.85						
11-20 Feb			573.83	573.91	573.98	574.16	574.29	574.46	574.79	575.04	575.13	575.21						
21-29 Feb	574.56		575.32	575.53	575.56	575.48	575.42	575.33	575.24	575.23	575.22				1000/23	575.62	1600/4	573.77
1-10 Mar			575.40	575.64	575.76	575.85	575.62	575.67	575.59	575.78	575.79	575.70						
11-20 Mar			575.69	575.67	575.38	575.37	575.51	575.46	575.34	575.44	575.39	575.39						
21-31 Mar	575.53		575.19	575.41	575.44	575.42	575.48	575.50	575.32	575.51	575.64	575.51	575.50		0700/5	576.00	1600/27	574.83
1-10 Apr			575.46	575.48	575.59	575.67	575.59	575.61	575.62	575.58	575.56	575.51						
11-20 Apr			575.55	575.56	575.54	575.55	575.49	575.52	575.50	575.48	575.46	575.51						
21-30 Apr	575.60		575.52	575.39	575.52	575.71	575.94	575.82	575.86	575.86	575.84	575.82			1200/25	576.33	0800/22	575.21
1-10 May			575.76	575.65	575.52	575.59	575.54	575.84	575.95	575.96	575.96	575.94						
11-20 May			575.92	575.88	575.86	575.79	575.83	575.82	575.81	575.79	575.70	575.72						
21-31 May	575.77		575.76	575.76	575.76	575.74	575.74	575.70	575.71	575.71	575.73	575.74	575.76		1200/8	576.05	1700/5	575.38
1-10 Jun			575.77	575.79	575.78	575.76	575.75	575.70	575.69	575.66	575.64	575.62						
11-20 Jun			575.60	575.71	575.64	575.60	575.60	575.62	575.66	575.67	575.73	575.73						
21-30 Jun	575.70		575.73	575.72	575.70	575.74	575.71	575.71	575.70	575.71	575.69	575.74			0300/30	575.88	1200/14	575.41
1-10 Jul			575.64	575.69	575.74	575.77	575.76	575.76	575.73	575.75	575.73	575.79						
11-20 Jul			575.77	575.78	575.79	575.81	575.79	575.72	575.67	575.66	575.64	575.62						
21-31 Jul	575.74		575.71	575.74	575.70	575.74	575.74	575.65	575.66	575.71	575.93	575.93	575.87		0200/29	576.09	1600/7	575.51
1-10 Aug			575.84	575.79	575.73	575.68	575.63	575.73	575.70	575.64	575.65	575.64						
11-20 Aug			575.58	575.51	575.52	575.60	575.60	575.59	575.58	575.57	575.55	575.53						
21-31 Aug	575.56		575.50	575.46	575.48	575.51	575.48	575.46	575.43	575.35	575.37	575.40	575.35		1400/1	575.90	2200/28	575.24
1-10 Sep			575.35	575.36	575.27	575.17	575.22	575.24	575.19	575.16	575.12	575.06						
11-20 Sep			575.07	575.14	575.14	575.13	575.15	575.16	575.20	575.14	575.14	575.12						
21-30 Sep	575.12		575.03	575.00	574.96	575.07	575.04	575.06	574.99	574.98	574.94	574.97			2000/1	575.44	2000/9	574.78
1-10 Oct			574.96	574.94	574.93	574.94	574.89	574.90	575.02	575.00	574.92	574.91						
11-20 Oct			574.90	574.80	574.64	574.66	574.50	574.57	574.59	574.65	574.70	574.60						
21-31 Oct	574.66		574.35	574.23	574.43	574.55	574.54	574.54	574.54	574.30	574.29	574.41	574.39		1700/7	575.17	1200/22	574.12
1-10 Nov			574.46	574.38	574.33	574.34	574.23	574.13	574.14	574.12	574.18	574.16						
11-20 Nov			574.15	574.12	574.00	574.04	574.08	574.07	574.00	573.97	573.98	574.05						
21-30 Nov	574.05		573.98	573.78	573.80	573.87	573.93	573.92	573.91	573.91	573.82	573.69			1300/1	574.57	0900/27	573.51
1-10 Dec			573.85	573.76	573.95	574.00	574.04	574.09	574.05	574.11	574.14	574.02						
11-20 Dec			574.03	574.01	574.02	573.96	573.96	573.95	573.87	573.93	573.90	573.81						
21-31 Dec	573.87		573.78	573.82	573.75	573.81	573.75	573.72	573.71	573.65	573.51	573.43	573.46		1200/8	574.20	1800/30	573.42

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4070: Algonac, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 575.67 FEET

HIGHEST
Monthly mean elevation: 576.27 Jul 1976
Daily mean elevation: 576.48 9 May 1976
Instant/hourly Elevation: 577.28 1340/5 Mar 1976

LOWEST
Monthly mean elevation: 574.73 Dec 1976
Daily mean elevation: 574.44 19 Dec 1976
Instant/hourly Elevation: 574.27 1320/19 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
576.35	10 Jan
576.05	23 Feb
576.47	5 Mar
576.35	27 Apr
576.48	9 May
576.35	30 Jun
576.48	29 Jul
576.33	1 Aug
575.91	2 Sep
575.50	6 Oct
575.10	2 Nov
575.46	26 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
574.85	31 Jan
574.46	3 Feb
575.60	1 Mar
575.91	20 Apr
576.14	24 May
576.10	12 Jun
576.18	21 Jul
575.94	30 Aug
575.50	30 Sep
574.83	31 Oct
574.53	25 Nov
574.44	19 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
576.40			1		3		2						576.40	6
576.20	2		2	5	15	20	25	3					576.20	78
576.00	5	1	12	6	13	10	4	18					576.00	147
575.80	1	3	14	19				10	5				575.80	199
575.60	2	7	1						21				575.60	230
575.40	3	1	1						4	11		1	575.40	251
575.20	10	3								6		2	575.20	272
575.00	5	2								8	2	2	575.00	291
574.80	3	2								6	12	2	574.80	316
574.60		6									12	10	574.60	344
574.40		4									4	14	574.40	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 4070: Algonac, Michigan on St. Clair River

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.
1-10 Jan		575.38	575.38	575.44	575.35	575.30	575.30	575.44	575.66	576.14	576.35			
11-20 Jan		576.17	576.07	576.19	576.29	576.02	575.89	575.79	575.48	575.24	575.38			
21-31 Jan	575.51	575.40	575.39	575.09	575.00	574.96	575.04	575.15	575.11	575.28	575.14	574.85	2340/13	576.59 2140/31 574.75
1-10 Feb		574.79	574.71	574.46	574.52	574.59	574.68	574.68	574.79	574.66	574.59			
11-20 Feb		574.83	574.87	575.31	575.36	575.07	575.15	575.37	575.55	575.66	575.69			
21-29 Feb	575.23	575.75	575.95	576.05	575.91	575.83	575.75	575.70	575.67	575.64			1836/23	576.27 1130/3 574.44
1-10 Mar		575.60	575.79	576.01	576.16	576.47	576.39	576.31	576.19	576.14	576.12			
11-20 Mar		576.04	576.05	576.05	576.07	575.96	575.96	575.98	575.95	575.93	575.92			
21-31 Mar	576.03	575.97	575.92	575.96	576.00	575.99	575.93	576.04	575.98	575.98	576.01	576.02	1340/5	577.28 2125/1 575.40
1-10 Apr		576.04	575.95	575.98	575.98	576.07	576.04	576.00	575.96	575.98	576.00			
11-20 Apr		575.93	576.01	576.00	575.97	575.97	575.96	575.94	575.93	575.94	575.91			
21-30 Apr	576.04	575.96	576.04	576.00	575.99	576.08	576.29	576.35	576.35	576.30	576.25		1907/27	576.43 0524/11 575.75
1-10 May		576.20	576.31	576.22	576.19	576.33	576.16	576.36	576.46	576.48	576.43			
11-20 May		576.35	576.33	576.28	576.27	576.23	576.28	576.27	576.24	576.26	576.26			
21-31 May	576.25	576.22	576.20	576.16	576.14	576.15	576.16	576.15	576.14	576.14	576.16	576.18	1100/20	576.34 0112/6 575.89
1-10 Jun		576.24	576.25	576.25	576.26	576.23	576.23	576.21	576.17	576.14	576.13			
11-20 Jun		576.12	576.10	576.11	576.14	576.19	576.22	576.19	576.20	576.28	576.26			
21-30 Jun	576.22	576.25	576.24	576.23	576.30	576.31	576.29	576.25	576.26	576.23	576.35		2045/24	576.63 1450/11 575.98
1-10 Jul		576.29	576.26	576.24	576.24	576.25	576.25	576.27	576.24	576.24	576.31			
11-20 Jul		576.34	576.35	576.35	576.32	576.30	576.28	576.26	576.24	576.23	576.24			
21-31 Jul	576.27	576.18	576.19	576.23	576.21	576.22	576.24	576.20	576.18	576.48	576.42	576.39	0745/10	576.60 2155/21 575.99
1-10 Aug		576.33	576.27	576.23	576.19	576.15	576.03	576.00	576.01	576.07	576.14			
11-20 Aug		576.14	576.13	576.15	576.13	576.11	576.11	576.11	576.10	576.06	576.05			
21-31 Aug	576.08	576.02	576.00	575.98	575.98	575.98	575.98	576.01	576.00	575.96	575.94	575.99	1150/1	576.39 0405/29 575.80
1-10 Sep		575.90	575.91	575.91	575.84	575.75	575.77	575.77	575.71	575.74	575.83			
11-20 Sep		575.78	575.71	575.72	575.70	575.68	575.68	575.71	575.73	575.72	575.71			
21-30 Sep	575.71	575.70	575.68	575.69	575.61	575.61	575.55	575.55	575.58	575.61	575.50		1910/9	576.05 0320/30 575.39
1-10 Oct		575.48	575.46	575.45	575.41	575.41	575.50	575.48	575.45	575.44	575.45			
11-20 Oct		575.39	575.42	575.36	575.38	575.38	575.25	575.16	575.17	575.16	575.15			
21-31 Oct	575.24	575.21	575.15	575.01	574.99	574.96	574.96	574.96	575.10	575.02	574.84	574.83	1130/6	575.86 2300/30 574.69
1-10 Nov		574.96	575.10	575.00	574.93	574.96	575.01	574.88	574.86	574.94	574.83			
11-20 Nov		574.83	574.84	574.89	574.84	574.74	574.72	574.77	574.70	574.69	574.64			
21-30 Nov	574.78	574.63	574.71	574.68	574.58	574.53	574.56	574.62	574.58	574.65	574.73		1415/2	575.25 1950/25 574.41
1-10 Dec		574.59	574.55	574.55	574.56	574.56	574.56	574.61	574.70	574.71	574.70			
11-20 Dec		574.63	574.68	574.66	574.60	574.59	574.53	574.56	574.48	574.44	574.49			
21-31 Dec	574.73	574.56	574.68	574.92	574.90	575.32	575.46	575.25	575.13	575.01	574.75	574.78	2345/27	575.80 1320/19 574.27

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4080: St. Clair S.P., St. Clair, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 577.26 FEET

HIGHEST
Monthly mean elevation: 577.81 Jul 1976
Daily mean elevation: 578.57 22 Jan 1976
Instant/hourly Elevation: 579.26 1500/1 Feb 1976

LOWEST
Monthly mean elevation: 576.21 Dec 1976
Daily mean elevation: 575.80 19 Dec 1976
Instant/hourly Elevation: 575.41 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.57	22 Jan
578.43	2 Feb
577.64	7 Mar
577.87	26 Apr
577.87	8 May
577.86	30 Jun
578.02	12 Jul
577.84	2 Aug
577.48	10 Sep
577.20	6 Oct
576.53	1 Nov
577.23	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
576.59	2 Jan
576.38	15 Feb
577.02	1 Mar
577.34	17 Apr
577.61	1 May
577.58	13 Jun
577.71	26 Jul
577.43	27 Aug
576.99	30 Sep
576.46	30 Oct
575.98	25 Nov
575.80	19 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
578.40	1	1											578.40	2
578.20	1												578.20	3
578.00	5	2					1						578.00	11
577.80	8	3		2	6	1	15	2					577.80	48
577.60	2	3	1	5	25	28	15	14					577.60	141
577.40	4	2	3	15		1		15	4				577.40	185
577.20	2	1	17	8					18			1	577.20	232
577.00		10	10						6	3		2	577.00	263
576.80	4	3							2	11		1	576.80	284
576.60	3	3								14		2	576.60	306
576.40	1									3			576.40	317
576.20		1									7		576.20	332
576.00											11	3	576.00	345
575.80											10	13	575.80	365
575.60											2	8	575.60	366
												1		

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 4080: St. Clair S.P., St. Clair, Michigan on St. Clair River

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW			
												Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		576.81	576.59	576.78	576.91	576.71	576.61	576.95	577.00	577.36	577.62				
11-20 Jan		577.56	577.42	577.45	577.65	577.84	577.91	578.15	578.04	577.37	577.87				
21-31 Jan	577.56	578.08	578.57	578.24	578.08	578.03	577.86	577.81	577.41	577.87	578.00	577.83	1100/22	578.82	1600/2 576.24
1-10 Feb		578.12	578.43	577.70	577.87	577.99	577.84	577.48	578.02	577.58	577.68				
11-20 Feb		577.75	577.06	577.04	576.73	576.38	576.62	576.77	576.81	576.97	577.01				
21-29 Feb	577.30	577.10	577.34	577.18	577.12	577.04	577.01	577.05	577.03	576.96			1500/1	579.26	1100/15 576.13
1-10 Mar		577.02	577.06	577.15	577.39	577.50	577.59	577.64	577.46	577.35	577.35				
11-20 Mar		577.34	577.13	577.36	577.31	577.35	577.32	577.40	577.19	577.18	577.11				
21-31 Mar	577.30	577.35	577.27	577.22	577.16	577.32	577.13	577.34	577.39	577.24	577.20	577.35	1300/5	578.29	0600/2 576.78
1-10 Apr		577.40	577.41	577.41	577.47	577.48	577.46	577.44	577.46	577.42	577.43				
11-20 Apr		577.61	577.48	577.47	577.37	577.36	577.35	577.34	577.34	577.42	577.40				
21-30 Apr	577.50	577.36	577.46	577.52	577.46	577.74	577.87	577.84	577.80	577.74	577.64		0100/26	578.09	0300/15 577.18
1-10 May		577.61	577.71	577.72	577.67	577.73	577.72	577.86	577.87	577.87	577.79				
11-20 May		577.85	577.79	577.70	577.70	577.70	577.67	577.81	577.80	577.84	577.79				
21-31 May	577.74	577.78	577.74	577.70	577.73	577.72	577.69	577.67	577.64	577.64	577.69	577.73	2100/5	578.58	0400/5 577.44
1-10 Jun		577.73	577.76	577.75	577.76	577.72	577.71	577.73	577.72	577.68	577.65				
11-20 Jun		577.73	577.66	577.58	577.66	577.66	577.76	577.72	577.62	577.80	577.77				
21-30 Jun	577.72	577.75	577.73	577.71	577.73	577.74	577.78	577.74	577.76	577.73	577.86		2000/26	578.15	0800/16 577.45
1-10 Jul		577.87	577.84	577.83	577.83	577.81	577.81	577.77	577.81	577.75	577.77				
11-20 Jul		577.87	578.02	577.92	577.82	577.79	577.83	577.82	577.79	577.77	577.79				
21-31 Jul	577.81	577.79	577.72	577.76	577.80	577.74	577.71	577.75	577.72	577.93	577.89	577.93	0300/12	578.38	0600/10 577.45
1-10 Aug		577.82	577.84	577.77	577.75	577.73	577.74	577.72	577.73	577.69	577.62				
11-20 Aug		577.58	577.58	577.66	577.65	577.68	577.67	577.63	577.58	577.51	577.54				
21-31 Aug	577.62	577.51	577.53	577.59	577.50	577.48	577.45	577.43	577.52	577.63	577.49	577.45	1100/2	578.00	0800/12 577.24
1-10 Sep		577.47	577.39	577.21	577.41	577.42	577.33	577.26	577.26	577.33	577.48				
11-20 Sep		577.36	577.25	577.22	577.19	577.24	577.22	577.30	577.30	577.22	577.28				
21-30 Sep	577.25	577.25	577.26	577.24	577.15	577.14	577.00	577.10	577.07	577.09	576.99		1200/10	577.81	2400/30 576.86
1-10 Oct		576.93	576.93	576.96	576.85	576.82	577.20	577.08	577.00	577.07	577.00				
11-20 Oct		576.77	576.74	576.93	576.93	576.82	576.86	576.80	576.76	576.64	576.70				
21-31 Oct	576.80	576.71	576.78	576.68	576.55	576.62	576.68	576.56	576.62	576.71	576.46	576.66	1200/6	577.62	2300/30 576.33
1-10 Nov		576.53	576.44	576.47	576.37	576.41	576.51	576.50	576.43	576.32	576.37				
11-20 Nov		576.33	576.31	576.35	576.39	576.20	576.18	576.13	576.22	576.24	576.17				
21-30 Nov	576.27	576.14	576.27	576.26	576.08	575.98	575.98	576.11	576.12	576.13	576.12		1600/2	576.67	0600/26 575.69
1-10 Dec		576.06	576.17	576.04	575.97	576.03	575.91	576.21	576.13	576.09	575.92				
11-20 Dec		576.01	576.16	576.07	575.81	576.03	575.88	576.03	575.87	575.80	576.01				
21-31 Dec	576.21	576.11	575.92	576.22	576.00	576.39	576.72	576.62	576.87	577.07	577.12	577.23	2100/31	577.48	1000/14 575.41

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4084: Marysville, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 577.99 FEET

HIGHEST
Monthly mean elevation: 578.64 Jul 1976
Daily mean elevation: 579.39 12 Jul 1976
Instant/hourly Elevation: 580.38 0250/12 Jul 1976

LOWEST
Monthly mean elevation: 576.88 Dec 1976
Daily mean elevation: 576.46 14 Dec 1976
Instant/hourly Elevation: 575.80 0955/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.87	22 Jan
578.72	2 Feb
578.28	7 Mar
578.62	26 Apr
578.66	19 May
578.68	30 Jun
579.39	12 Jul
578.69	1 Aug
578.40	10 Sep
578.08	6 Oct
577.36	7 Nov
577.54	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
577.22	2 Jan
577.09	15 Feb
577.65	3 Mar
578.08	15 Apr
578.35	1 May
578.35	13 Jun
578.49	10 Jul
578.21	27 Aug
577.80	26 Sep
577.26	30 Oct
576.73	25 Nov
576.46	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
579.20							1						579.20	1
579.00													579.00	1
578.80	1												578.80	2
578.60	1	1		1	6	2	18	2					578.60	33
578.40	2	3		5	24	26	12	15					578.40	120
578.20	8	3	1	8	1	2		14					578.20	164
578.00	5	3	11	16					7	1			578.00	215
577.80	5	2	13						15	3			577.80	244
577.60	4	12	6						6	10			577.60	278
577.40	3	3							2	13		2	577.40	299
577.20	2	1								4	6	3	577.20	315
577.00		1									12	3	577.00	331
576.80											10	12	576.80	353
576.60											2	6	576.60	361
576.40												5	576.40	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 4084: Marysville, Michigan on St. Clair River

	Monthly means	----- Daily Means -----											HIGH----Instant/hourly----LOW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		577.59	577.22	577.49	577.71	577.43	577.31	577.73	577.71	577.96	578.09					
11-20 Jan		577.95	577.84	577.96	578.15	578.28	578.33	578.61	578.29	577.73	578.22					
21-31 Jan	578.03	578.44	578.87	578.48	578.31	578.28	578.13	578.17	577.83	578.28	578.31	578.08	1040/22	579.20	1531/2	576.75
1-10 Feb		578.46	578.72	578.30	578.47	578.40	578.27	577.94	578.45	577.96	578.07					
11-20 Feb		578.19	577.61	577.71	577.45	577.09	577.37	577.42	577.44	577.62	577.69					
21-29 Feb	577.87	577.75	578.04	577.76	577.73	577.66	577.69	577.73	577.69	577.67			1431/1	579.51	0914/15	576.65
1-10 Mar		577.81	577.68	577.65	577.97	578.01	578.15	578.28	578.10	577.99	577.98					
11-20 Mar		578.01	577.70	578.01	577.93	578.07	578.03	578.16	577.84	577.83	577.74					
21-31 Mar	577.95	578.09	577.99	577.88	577.79	577.99	577.75	577.99	578.13	577.94	577.84	578.01	1320/5	578.77	0048/3	577.28
1-10 Apr		578.10	578.16	578.16	578.22	578.19	578.17	578.18	578.22	578.13	578.19					
11-20 Apr		578.48	578.25	578.21	578.10	578.08	578.12	578.13	578.10	578.21	578.19					
21-30 Apr	578.25	578.13	578.19	578.33	578.23	578.59	578.62	578.59	578.52	578.48	578.36		0150/11	579.03	1103/21	577.72
1-10 May		578.35	578.45	578.50	578.43	578.43	578.56	578.61	578.64	578.60	578.52					
11-20 May		578.64	578.56	578.46	578.46	578.50	578.46	578.64	578.62	578.66	578.58					
21-31 May	578.53	578.60	578.57	578.53	578.55	578.54	578.51	578.48	578.44	578.45	578.50	578.54	2045/5	579.47	0945/5	578.10
1-10 Jun		578.63	578.57	578.55	578.55	578.51	578.53	578.54	578.52	578.51	578.46					
11-20 Jun		578.55	578.46	578.35	578.46	578.43	578.56	578.53	578.40	578.60	578.57					
21-30 Jun	578.53	578.57	578.54	578.50	578.51	578.52	578.54	578.53	578.56	578.53	578.68		1030/19	578.96	0130/29	578.09
1-10 Jul		578.69	578.64	578.63	578.65	578.62	578.59	578.56	578.62	578.54	578.49					
11-20 Jul		578.67	579.39	578.76	578.65	578.61	578.68	578.65	578.61	578.56	578.57					
21-31 Jul	578.64	578.62	578.55	578.57	578.68	578.56	578.50	578.58	578.56	578.71	578.67	578.76	0250/12	580.38	0659/26	578.20
1-10 Aug		578.69	578.68	578.57	578.55	578.55	578.60	578.57	578.58	578.53	578.42					
11-20 Aug		578.36	578.40	578.49	578.50	578.53	578.51	578.47	578.40	578.36	578.36					
21-31 Aug	578.45	578.33	578.36	578.47	578.34	578.31	578.26	578.21	578.36	578.53	578.32	578.25	0029/29	578.95	1234/12	578.00
1-10 Sep		578.34	578.22	577.95	578.26	578.33	578.15	578.08	578.11	578.21	578.40					
11-20 Sep		578.21	578.10	578.04	578.02	578.12	578.07	578.16	578.13	578.05	578.12					
21-30 Sep	578.09	578.09	578.12	578.06	577.97	577.95	577.80	577.94	577.88	577.90	577.80		1200/10	578.82	2202/30	577.61
1-10 Oct		577.71	577.72	577.75	577.61	577.56	578.08	577.93	577.81	577.92	577.80					
11-20 Oct		577.50	577.44	577.69	577.75	577.58	577.72	577.66	577.60	577.42	577.48					
21-31 Oct	577.60	577.50	577.61	577.50	577.37	577.47	577.53	577.34	577.35	577.50	577.26	577.51	1200/6	578.50	2245/30	577.13
1-10 Nov		577.30	577.14	577.26	577.16	577.20	577.29	577.36	577.29	577.07	577.20					
11-20 Nov		577.16	577.15	577.15	577.22	577.01	576.97	576.88	577.00	577.10	577.00					
21-30 Nov	577.07	576.96	577.09	577.09	576.87	576.73	576.74	576.90	576.96	576.92	576.86		2230/7	577.56	1950/25	576.44
1-10 Dec		576.85	577.01	576.84	576.73	576.81	576.64	577.05	576.91	576.83	576.60					
11-20 Dec		576.77	576.97	576.85	576.46	576.79	576.60	576.81	576.64	576.53	576.84					
21-31 Dec	576.88	576.94	576.57	576.90	576.62	576.90	577.21	577.11	577.28	577.39	577.43	577.54	2055/12	578.03	0955/14	575.80

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4087: Dry Dock, Port Huron, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 578.42 FEET

HIGHEST
Monthly mean elevation: 579.11 Jul 1976
Daily mean elevation: 579.39 12 Jul 1976
Instant/hourly Elevation: 579.80 0400/12 Jul 1976

LOWEST
Monthly mean elevation: 577.28 Dec 1976
Daily mean elevation: 576.81 14 Dec 1976
Instant/hourly Elevation: 576.07 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.14	22 Jan
578.95	2 Feb
578.73	7 Mar
579.12	25 Apr
579.14	19 May
579.15	30 Jun
579.39	12 Jul
579.18	1 Aug
578.95	10 Sep
578.59	6 Oct
577.85	7 Nov
577.76	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
577.59	2 Jan
577.48	15 Feb
578.03	12 Mar
578.52	18 Apr
578.80	1 May
578.79	13 Jun
578.92	26 Jul
578.65	27 Aug
578.27	26 Sep
577.69	30 Oct
577.13	26 Nov
576.81	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
579.20							4						579.20	4
579.00	1			4	14	16	25	10					579.00	74
578.80	1	1		3	16	13	2	12	2				578.80	124
578.60	3	4	3	15	1	1		9	10				578.60	170
578.40	10	4	10	8					13	3			578.40	218
578.20	5	2	9						5	5			578.20	244
578.00	6	12	5							9			578.00	276
577.80	3	5								10	1		577.80	295
577.60	1									4	8	3	577.60	311
577.40	1	1									14	5	577.40	332
577.20											5	13	577.20	350
577.00											2	3	577.00	355
576.80												5	576.80	360

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

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

	Monthly means	----- Daily Means -----										HIGH-----Instant/hourly-----LOW			
												Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		578.03	577.59	577.88	578.20	577.88	577.70	578.19	578.14	578.34	578.41				
11-20 Jan		578.22	578.14	578.25	578.49	578.61	578.60	578.88	578.57	577.95	578.46				
21-31 Jan	578.34	578.73	579.14	578.69	578.50	578.50	578.36	578.45	578.13	578.59	578.58	578.30	1100/22	579.47	1900/2 577.11
1-10 Feb		578.73	578.95	578.51	578.69	578.61	578.50	578.22	578.72	578.18	578.31				
11-20 Feb		578.49	577.92	578.13	577.87	577.48	577.85	577.90	577.84	578.02	578.08				
21-29 Feb	578.21	578.16	578.50	578.10	578.09	578.02	578.08	578.11	578.06	578.04			1500/1	579.73	0900/15 576.97
1-10 Mar		578.26	578.08	/	/	/	/	578.73	578.52	578.39	578.37				
11-20 Mar		578.43	578.03	578.42	578.33	578.52	578.47	578.63	578.22	578.22	578.10				
21-31 Mar	578.36	578.54	578.44	578.29	578.18	578.43	578.17	578.41	578.62	578.37	578.22	578.43	1800/7	579.05	1400/12 577.77
1-10 Apr		578.54	578.62	578.63	578.74	578.67	578.65	578.67	578.73	578.59	578.66				
11-20 Apr		579.04	578.72	578.70	578.55	578.58	578.58	578.54	578.52	578.68	578.66				
21-30 Apr	578.72	578.55	578.61	578.82	578.70	579.12	579.12	579.07	578.98	578.91	578.79		0200/11	579.57	1100/21 578.17
1-10 May		578.80	578.86	578.99	578.89	578.84	579.01	579.08	579.08	579.00	578.94				
11-20 May		579.09	579.00	578.88	578.87	578.94	578.89	579.12	579.11	579.14	579.07				
21-31 May	578.98	579.07	579.05	579.01	579.04	579.04	578.97	578.94	578.90	578.89	578.96	579.02	2000/5	579.64	0500/5 578.55
1-10 Jun		579.13	579.07	579.03	579.03	579.00	579.03	579.03	579.02	578.98	578.92				
11-20 Jun		579.03	578.96	578.79	578.90	578.86	579.01	579.01	578.86	579.11	579.05				
21-30 Jun	579.00	579.06	579.00	578.97	578.96	578.98	579.01	578.99	579.02	579.00	579.15		1200/19	579.46	0800/13 578.60
1-10 Jul		579.22	579.16	579.15	579.18	579.13	579.10	579.07	579.14	579.03	578.94				
11-20 Jul		579.20	579.39	579.26	579.13	579.07	579.15	579.14	579.09	579.03	579.03				
21-31 Jul	579.11	579.12	579.02	579.03	579.19	579.04	578.92	579.05	579.03	579.16	579.12	579.23	0400/12	579.80	0400/10 578.65
1-10 Aug		579.18	579.17	579.03	579.04	579.01	579.08	579.10	579.06	579.00	578.87				
11-20 Aug		578.79	578.84	578.95	578.98	579.01	578.99	578.95	578.85	578.81	578.80				
21-31 Aug	578.91	578.78	578.80	578.96	578.82	578.77	578.69	578.65	578.79	579.05	578.81	578.66	2400/7	579.43	2400/26 578.44
1-10 Sep		578.80	578.68	578.35	578.70	578.83	578.63	578.50	578.55	578.65	578.95				
11-20 Sep		578.70	578.56	578.50	578.48	578.62	578.59	578.67	578.62	578.52	578.61				
21-30 Sep	578.56	578.56	578.60	578.51	578.48	578.42	578.27	578.42	578.37	578.36	578.27		1300/10	579.38	0900/23 578.07
1-10 Oct		578.21	578.20	578.24	578.07	577.99	578.59	578.41	578.29	578.41	578.26				
11-20 Oct		577.89	577.82	578.13	578.19	578.01	578.22	578.14	578.08	577.85	577.93				
21-31 Oct	578.06	577.92	578.06	577.95	577.78	577.94	578.02	577.79	577.77	577.94	577.69	577.99	1300/6	578.96	0400/30 577.51
1-10 Nov		577.74	577.57	577.71	577.59	577.62	577.73	577.85	577.75	577.47	577.67				
11-20 Nov		577.61	577.59	577.59	577.67	577.45	577.41	577.31	577.45	577.56	577.45				
21-30 Nov	577.51	577.41	577.54	577.55	577.31	577.14	577.13	577.33	577.43	577.36	577.27		2200/7	578.00	0700/26 576.80
1-10 Dec		577.29	577.48	577.36	/	/	577.21	577.53	577.32	577.23	576.96				
11-20 Dec		577.18	577.28	577.25	576.81	577.23	577.02	577.29	577.09	576.95	577.32				
21-31 Dec	577.28	577.43	576.92	577.29	576.96	577.23	577.51	577.40	577.52	577.61	577.65	577.76	1000/2	578.13	1000/14 576.07

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4090: Mouth of Black River, Port Huron, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 578.79 FEET

HIGHEST
Monthly mean elevation: 579.50 Jul 1976
Daily mean elevation: 579.84 12 Jul 1976
Instant/hourly Elevation: 580.52 2017/5 May 1976

LOWEST
Monthly mean elevation: 577.65 Dec 1976
Daily mean elevation: 577.22 14 Dec 1976
Instant/hourly Elevation: 576.38 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.29	22 Jan
579.09	2 Feb
579.09	7 Mar
579.58	26 Apr
579.59	19 May
579.58	30 Jun
579.84	12 Jul
579.66	1 Aug
579.35	10 Sep
579.07	6 Oct
578.30	7 Nov
578.09	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
577.82	2 Jan
577.79	15 Feb
578.28	12 Mar
578.90	1 Apr
579.20	1 May
579.22	13 Jun
579.21	26 Jul
579.07	27 Aug
578.59	26 Sep
578.10	30 Oct
577.50	26 Nov
577.22	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
579.80							1						579.80	1
579.60							4	1					579.60	6
579.40				4	17	17	20	13					579.40	77
579.20	1			3	13	13	6	14	3				579.20	130
579.00	1	1	2	12	1			3	10	1			579.00	161
578.80	4	3	6	11					10	2			578.80	197
578.60	8	6	13						6	4			578.60	234
578.40	9	8	7						1	11			578.40	270
578.20	4	6	3							8	1		578.20	292
578.00	2	4								5	10	1	578.00	314
577.80	2										12	8	577.80	336
577.60		1									5	11	577.60	353
577.40											2	5	577.40	360
577.20												6	577.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 4090: Mouth of Black River, Port Huron, Michigan on St. Clair River

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			578.37	577.82	578.20	578.52	578.17	578.00	578.55	578.45	578.58	578.59						
11-20 Jan			578.43	578.32	578.53	578.72	578.83	578.83	579.10	578.98	578.26	578.67						
21-31 Jan	578.57		578.89	579.29	578.79	578.63	578.63	578.51	578.62	578.30	578.78	578.74	578.44	1035/22	579.66	1530/2	577.31	
1-10 Feb			578.88	579.09	578.64	578.80	578.74	578.65	578.36	578.89	578.32	578.45						
11-20 Feb			578.67	578.14	578.41	578.18	577.79	578.19	578.27	578.15	578.34	578.44						
21-29 Feb	578.48		578.48	579.00	578.66	578.42	578.31	578.41	578.47	578.44	578.39			1430/1	579.87	1040/15	577.38	
1-10 Mar			578.58	578.39	578.31	578.69	578.65	578.86	579.09	578.86	578.70	578.67						
11-20 Mar			578.74	578.28	578.72	578.61	578.86	578.82	579.01	578.56	578.56	578.45						
21-31 Mar	578.69		578.91	578.80	578.63	578.49	578.76	578.54	578.74	578.98	578.72	578.58	578.78	1716/7	579.53	0032/3	577.76	
1-10 Apr			578.90	578.99	579.00	579.13	579.03	579.02	579.04	579.12	578.96	579.05						
11-20 Apr			579.44	579.09	579.07	578.91	578.90	578.93	578.91	578.90	579.06	579.05						
21-30 Apr	579.11		578.90	578.99	579.23	579.08	579.56	579.58	579.50	579.40	579.35	579.18		0140/11	580.10	2050/24	577.71	
1-10 May			579.20	579.26	579.42	579.32	579.26	579.45	579.50	579.50	579.44	579.34						
11-20 May			579.53	579.44	579.30	579.30	579.36	579.30	579.55	579.54	579.59	579.45						
21-31 May	579.41		579.52	579.46	579.42	579.48	579.48	579.40	579.36	579.32	579.32	579.39	579.44	2017/5	580.52	0318/5	578.85	
1-10 Jun			579.56	579.49	579.46	579.44	579.40	579.44	579.44	579.42	579.39	579.34						
11-20 Jun			579.46	579.34	579.22	579.34	579.25	579.42	579.41	579.28	579.57	579.46						
21-30 Jun	579.41		579.49	579.45	579.38	579.38	579.39	579.40	579.39	579.42	579.42	579.58		0925/19	580.01	0007/28	578.90	
1-10 Jul			579.65	579.58	579.56	579.59	579.53	579.51	579.45	579.54	579.43	579.35						
11-20 Jul			579.61	579.84	579.67	579.55	579.47	579.57	579.56	579.50	579.45	579.45						
21-31 Jul	579.50		579.57	579.46	579.42	579.47	579.32	579.21	579.35	579.30	579.40	579.51	579.70	0235/12	580.31	0715/10	578.54	
1-10 Aug			579.66	579.60	579.48	579.45	579.43	579.54	579.50	579.50	579.44	579.31						
11-20 Aug			579.21	579.28	579.39	579.43	579.47	579.42	579.39	579.31	579.24	579.26						
21-31 Aug	579.36		579.22	579.25	579.44	579.26	579.22	579.14	579.07	579.27	579.52	579.27	579.11	0100/1	579.88	1150/12	578.81	
1-10 Sep			579.25	579.12	578.75	579.16	579.26	579.03	578.96	578.99	579.12	579.35						
11-20 Sep			579.11	578.97	578.90	578.88	579.05	578.99	579.11	579.04	578.93	579.02						
21-30 Sep	578.97		578.97	579.01	578.94	578.86	578.78	578.59	578.79	578.72	578.76	578.67		1130/10	579.88	0813/26	578.35	
1-10 Oct			578.54	578.53	578.58	578.42	578.36	579.07	578.86	578.69	578.84	578.68						
11-20 Oct			578.28	578.17	578.58	578.64	578.43	578.66	578.57	578.50	578.25	578.34						
21-31 Oct	578.46		578.32	578.48	578.37	578.20	578.36	578.47	578.19	578.16	578.34	578.10	578.42	2120/13	579.45	0730/28	577.92	
1-10 Nov			578.14	577.94	578.12	578.01	578.04	578.17	578.30	578.20	577.87	578.08						
11-20 Nov			578.04	578.02	578.00	578.08	577.85	577.81	577.67	577.86	577.99	577.88						
21-30 Nov	577.92		577.83	577.94	577.96	577.70	577.51	577.50	577.73	577.84	577.76	577.63		1620/7	578.57	0608/26	577.03	
1-10 Dec			577.68	577.90	577.63	577.46	577.56	577.38	577.95	577.72	577.62	577.33						
11-20 Dec			577.62	577.87	577.72	577.22	577.68	577.44	577.70	577.49	577.34	577.76						
21-31 Dec	577.65		577.85	577.28	577.66	577.32	577.58	577.85	577.75	577.87	577.95	577.96	578.09	0055/12	579.21	1000/14	576.38	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4096: Dunn Paper Co., Port Huron, Michigan on the St. Clair River

1976 YEARLY MEAN ELEVATION: 579.07 FEET

HIGHEST
Monthly mean elevation: 579.90 May 1976
Daily mean elevation: 580.14 19 May 1976
Instant/hourly Elevation: 581.22 2035/5 May 1976

LOWEST
Monthly mean elevation: 577.96 Dec 1976
Daily mean elevation: 577.42 14 Dec 1976
Instant/hourly Elevation: 576.45 0940/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.55	22 Jan
579.34	2 Feb
579.44	7 Mar
580.07	25 Apr
580.14	19 May
	Jun
	Jul
579.94	29 Aug
579.78	10 Sep
579.46	6 Oct
578.71	7 Nov
578.41	2 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.25	2 Jan
578.21	15 Feb
578.67	3 Mar
579.40	16 Apr
579.70	1 May
	Jun
	Jul
579.46	27 Aug
579.05	26 Sep
578.52	30 Oct
577.84	26 Nov
577.42	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.00				1	6								580.00	7
579.80				4	16			2					579.80	29
579.60				1	5			4	3				579.60	42
579.40	2		1	1				3	13	1			579.40	63
579.20	1	3	4	1					9	2			579.20	83
579.00	10	4	10					5		5			579.00	117
578.80	8	10	3							10			578.80	148
578.60	6	9	3							10	1		578.60	177
578.40	3	2								3	8	1	578.40	194
578.20	1	1									13	3	578.20	212
578.00											6	9	578.00	227
577.80											2	11	577.80	240
577.60												4	577.60	244
577.40												3	577.40	247

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 4096: Dunn Paper Co., Port Huron, Michigan on the St. Clair River

	Monthly means	----- Daily Means -----										HIGH----Instant/hourly-----LOW			
												Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		578.83	578.25	578.68	579.06	578.56	578.53	579.08	578.95	579.05	579.01				
11-20 Jan		578.80	578.68	579.00	579.10	579.19	579.16	579.44	578.97	578.42	578.95				
21-31 Jan	578.93	579.24	579.55	579.07	578.90	578.90	578.79	578.96	578.65	579.16	579.06	578.70	0850/22	580.04	1800/2 577.74
1-10 Feb		579.21	579.34	578.91	579.10	579.05	578.98	578.68	579.25	578.62	578.78				
11-20 Feb		579.01	578.52	578.90	578.68	578.21	578.72	578.69	578.57	578.75	578.82				
21-29 Feb	578.85	578.92	579.20	578.76	578.82	578.75	578.87	578.89	578.82	578.85			1420/1	580.42	2010/7 577.61
1-10 Mar		579.05	578.74	578.67	579.04	578.93	579.18	579.44	579.26	579.10	579.10				
11-20 Mar		579.19	578.68	579.15	579.04	579.33	579.26	/	/	/	/				
21-31 Mar	579.07	/	/	579.06	578.90	579.24	578.98	579.19	/	/	/	/	1828/27	579.87	0035/3 577.99
1-10 Apr		/	/	/	/	/	/	/	/	/	/				
11-20 Apr		/	/	/	/	579.42	579.40	/	/	/	/				
21-30 Apr	579.77	/	/	/	/	580.07	579.99	579.90	579.86	579.83	579.69		2000/25	580.33	2400/15 579.18
1-10 May		579.70	579.74	579.93	579.82	579.71	579.92	579.85	579.84	579.77	579.75				
11-20 May		579.98	579.89	579.82	579.81	579.88	579.82	580.13	580.12	580.14	579.98				
21-31 May	579.90	580.06	579.98	579.95	580.01	580.02	/	579.88	579.87	/	/	/	2035/5	581.22	0500/5 579.24
1-10 Jun		/	/	/	/	/	/	/	/	/	/				
11-20 Jun		/	/	/	/	/	/	/	/	/	/				
21-30 Jun		/	/	/	/	/	/	/	/	/	/				
1-10 Jul		/	/	/	/	/	/	/	/	/	/				
11-20 Jul		/	/	/	/	/	/	/	/	/	/				
21-31 Jul		/	/	/	/	/	/	/	/	/	/	/			
1-10 Aug		/	/	/	/	/	/	/	/	/	/				
11-20 Aug		/	/	/	/	/	/	/	/	/	/				
21-31 Aug	579.67	/	/	579.88	579.69	579.63	579.55	579.46	579.68	579.94	579.67	579.52	0020/29	580.56	2138/26 579.18
1-10 Sep		579.70	579.49	579.11	579.60	579.69	579.44	579.36	579.41	579.57	579.78				
11-20 Sep		579.52	579.41	579.32	579.29	579.47	579.41	579.50	579.45	579.35	579.44				
21-30 Sep	579.39	579.38	579.45	579.34	579.28	579.24	579.05	579.25	579.15	579.16	579.08		1140/10	580.45	0503/23 578.55
1-10 Oct		578.96	578.97	579.01	578.84	578.76	579.46	579.27	579.10	579.23	579.08				
11-20 Oct		578.69	578.55	578.97	579.06	578.79	579.07	579.00	578.92	578.67	578.76				
21-31 Oct	578.88	578.70	578.91	578.84	578.62	578.79	578.87	578.62	578.56	578.77	578.52	578.84	2135/13	579.93	0145/15 578.00
1-10 Nov		578.55	578.28	578.49	578.37	578.40	578.50	578.71	578.58	578.23	578.49				
11-20 Nov		578.43	578.41	578.38	578.50	578.24	578.20	578.02	578.23	578.39	578.24				
21-30 Nov	578.29	578.21	578.35	578.34	578.08	577.88	577.84	578.10	578.23	578.14	578.02		1630/7	579.01	0615/26 577.27
1-10 Dec		578.14	578.41	578.14	577.96	578.05	577.79	578.36	578.10	577.97	577.61				
11-20 Dec		577.93	578.21	578.02	577.42	578.00	577.74	578.06	577.83	577.68	578.13				
21-31 Dec	577.96	578.24	577.57	577.97	577.55	577.85	578.08	577.93	577.94	577.99	578.00	578.06	2045/12	579.84	0940/14 576.45

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 4098: Fort Gratiot, Port Huron, Michigan on St. Clair River

1976 YEARLY MEAN ELEVATION: 579.66 FEET

HIGHEST
Monthly mean elevation: 580.51 Jul 1976
Daily mean elevation: 580.81 25 May 1976
Instant/hourly Elevation: 582.34 1400/26 Apr 1976

LOWEST
Monthly mean elevation: 578.37 Dec 1976
Daily mean elevation: 577.79 14 Dec 1976
Instant/hourly Elevation: 576.81 2000/24 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.79	22 Jan
579.68	22 Feb
579.88	28 Mar
580.64	26 Apr
580.81	25 May
580.72	2 Jun
580.81	12 Jul
580.62	2 Aug
580.28	1 Sep
580.08	6 Oct
579.26	7 Nov
578.91	7 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.56	19 Jan
578.60	15 Feb
578.93	3 Mar
579.76	1 Apr
580.06	1 May
580.35	16 Jun
580.25	26 Jul
579.89	26 Aug
579.49	26 Sep
578.93	12 Oct
578.28	26 Nov
577.79	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.80					2		1						580.80	3
580.60				2	7	3	8	1					580.60	24
580.40				1	8	22	12	1					580.40	68
580.20				2	8	5	10	5	3				580.20	101
580.00				7	6			3	3	1			580.00	121
579.80			3	13				1	12	1			579.80	151
579.60	2	1	7	5					8	3			579.60	177
579.40	5	2	9						4	9			579.40	206
579.20	8	8	8							8	1		579.20	239
579.00	8	11	3							6	3		579.00	270
578.80	5	3	1							3	11	2	578.80	295
578.60	2	3									9	3	578.60	312
578.40	1	1									4	9	578.40	327
578.20											2	9	578.20	338
578.00												4	578.00	342
577.80												3	577.80	345
577.60												1	577.60	346

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 409R: Fort Gratiot, Port Huron, Michigan on St. Clair River

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		579.29	578.63	579.06	579.50	579.01	578.82	579.54	579.30	579.34	579.22					
11-20 Jan		578.97	578.82	579.28	579.36	579.40	579.46	579.63	579.06	578.56	579.14					
21-31 Jan	579.17	579.46	579.79	579.18	579.01	579.04	578.96	579.15	578.81	579.42	579.24	578.78	1000/22	580.29	0800/19	577.78
1-10 Feb		579.40	579.42	578.97	579.22	579.19	579.13	578.78	579.46	578.73	578.97					
11-20 Feb		579.24	578.75	579.28	579.02	578.60	579.10	579.10	578.90	579.09	579.16					
21-29 Feb	579.12	579.31	579.68	579.02	579.15	579.04	579.18	579.25	579.24	579.21			1300/1	580.75	2300/9	577.75
1-10 Mar		579.49	579.16	578.93	579.38	579.21	579.48	579.82	579.62	579.46	579.48					
11-20 Mar		579.55	579.01	579.55	579.39	579.76	579.64	579.81	579.76	579.29	579.14					
21-31 Mar	579.47	579.79	579.60	579.40	579.21	579.60	579.22	579.61	579.88	579.55	579.30	579.62	0600/28	580.40	1400/5	578.37
1-10 Apr		579.76	579.91	579.93	580.08	579.91	579.90	579.96	580.06	579.84	579.99					
11-20 Apr		580.50	579.96	579.94	579.78	579.85	579.82	579.80	579.79	580.00	580.01					
21-30 Apr	580.03	579.79	579.89	580.17	580.04	580.61	580.64	580.37	580.27	580.20	580.05		1400/26	582.34	1000/21	579.29
1-10 May		580.06	580.10	580.34	580.18	580.07	580.39	580.35	580.29	580.23	580.15					
11-20 May		580.50	580.47	580.36	580.07	580.31	580.26	580.44	580.55	580.64	580.74					
21-31 May	580.44	580.71	580.77	580.70	580.71	580.81	580.81	580.66	580.54	580.47	580.46	580.48	1800/5	581.23	0300/5	579.63
1-10 Jun		580.57	580.72	580.71	580.63	580.55	580.51	580.50	580.49	580.48	580.43					
11-20 Jun		580.43	580.56	580.45	580.38	580.36	580.35	580.45	580.41	580.44	580.60					
21-30 Jun	580.49	580.58	580.58	580.50	580.43	580.40	580.40	580.42	580.44	580.45	580.54		0700/3	580.73	0100/16	580.31
1-10 Jul		580.70	580.72	580.67	580.70	580.69	580.65	580.53	580.57	580.64	580.26					
11-20 Jul		580.51	580.81	580.60	580.40	580.39	580.57	580.64	580.54	580.47	580.41					
21-31 Jul	580.51	580.52	580.40	580.31	580.54	580.33	580.25	580.37	580.33	580.41	580.38	580.59	0200/12	581.27	0700/10	579.53
1-10 Aug		580.47	580.62	/	/	/	/	/	/	/	/					
11-20 Aug		580.02	580.14	580.28	580.35	/	/	/	/	/	/					
21-31 Aug	580.25	/	/	/	/	580.04	579.89	/	/	580.35	580.28	580.27	0300/14	581.26	1200/12	579.50
1-10 Sep		580.28	579.96	579.52	580.08	580.22	579.90	579.80	579.87	580.05	580.28					
11-20 Sep		580.00	579.85	579.74	579.73	579.96	579.95	580.08	579.92	579.80	579.91					
21-30 Sep	579.86	579.85	579.91	579.81	579.72	579.70	579.49	579.74	579.60	579.61	579.51		2100/9	580.88	0600/23	579.06
1-10 Oct		579.42	579.42	579.48	579.29	579.17	580.08	580.00	579.69	579.78	579.55					
11-20 Oct		579.08	578.93	579.47	579.49	579.26	579.61	579.52	579.44	579.13	579.23					
21-31 Oct	579.37	579.14	579.38	579.32	579.08	579.28	579.42	579.10	579.00	579.25	578.99	579.38	2000/6	580.48	1500/2	578.45
1-10 Nov		579.04	578.71	578.97	578.86	578.87	579.02	579.26	579.10	578.69	579.00					
11-20 Nov		578.93	578.90	578.87	578.99	578.72	578.68	578.46	578.73	578.88	578.74					
21-30 Nov	578.78	578.72	578.84	578.85	578.56	578.35	578.28	578.57	578.73	578.62	578.45		1600/7	579.55	0600/26	577.82
1-10 Dec		578.55	578.86	578.54	578.34	578.46	578.18	578.91	578.58	578.41	578.00					
11-20 Dec		578.37	578.69	578.48	577.79	578.48	578.19	578.54	578.30	578.14	578.66					
21-31 Dec	578.37	578.77	577.94	578.38	577.87	578.20	578.46	578.26	578.25	578.24	578.24	578.39	2100/12	580.12	2000/24	576.81

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 5002: Lakeport, Michigan on Lake Huron

1976 YEARLY MEAN ELEVATION: 579.71 FEET

HIGHEST
Monthly mean elevation: 580.55 Jul 1976
Daily mean elevation: 580.89 12 Jul 1976
Instant/hourly Elevation: 581.54 2000/5 May 1976

LOWEST
Monthly mean elevation: 578.44 Dec 1976
Daily mean elevation: 577.97 14 Dec 1976
Instant/hourly Elevation: 577.12 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.69	22 Jan
579.62	22 Feb
579.95	28 Mar
580.59	25 Apr
580.67	19 May
580.64	30 Jun
580.89	12 Jul
580.60	2 Aug
580.40	10 Sep
580.01	6 Oct
579.34	7 Nov
578.91	2 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.68	19 Jan
578.71	15 Feb
579.07	12 Mar
579.85	15 Apr
580.15	1 May
580.21	13 Jun
580.24	10 Jul
579.98	27 Aug
579.61	26 Sep
579.10	30 Oct
578.42	26 Nov
577.97	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.80							1						580.80	1
580.60					2	2	10						580.60	15
580.40				4	15	20	18	13					580.40	85
580.20				3	12	8	2	12	3				580.20	125
580.00				13	2			5	10	1			580.00	156
579.80				10				1	11	2			579.80	185
579.60			5						6	3			579.60	204
579.40			8							11			579.40	232
579.20	1	1	9							10			579.20	269
579.00	6	2	5							4	1		579.00	299
578.80	9	12	1								8		578.80	320
578.60	9	8									10	3	578.60	337
578.40	4	4									7	6	578.40	349
578.20	2	2									4	8	578.20	359
578.00												10	578.00	361
577.80												2	577.80	363

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 5002: Lakeport, Michigan on Lake Huron

		----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
Monthly means																
1-10 Jan		579.39	578.75	579.15	579.58	579.15	579.03	579.56	579.39	579.40	579.26					
11-20 Jan		578.99	578.89	579.26	579.37	579.46	579.36	579.57	579.13	578.68	579.16					
21-31 Jan	579.21	579.41	579.69	579.20	579.05	579.11	579.01	579.22	578.91	579.43	579.25	578.85	1600/21	580.11	0900/19	578.05
1-10 Feb		579.34	579.42	579.02	579.24	579.27	579.22	578.90	579.47	578.80	578.98					
11-20 Feb		579.25	578.87	579.33	579.13	578.71	579.20	579.20	578.98	579.14	579.22					
21-29 Feb	579.18	579.36	579.62	579.10	579.20	579.12	579.23	579.36	579.34	579.32			1400/1	580.56	1900/7	577.90
1-10 Mar		579.56	579.26	579.61	579.92	/	/	/	579.59	579.53	579.54					
11-20 Mar		579.65	579.07	579.60	579.46	579.82	579.74	579.94	579.47	579.40	579.29					
21-31 Mar	579.58	579.81	579.70	579.50	579.35	579.66	579.32	579.66	579.95	579.61	579.41	579.72	0600/28	580.44	0300/13	578.70
1-10 Apr		579.88	580.01	579.98	580.12	580.01	580.02	580.04	580.13	580.00	580.04					
11-20 Apr		580.50	580.12	580.06	579.88	579.85	579.93	579.90	579.90	580.07	580.13					
21-30 Apr	580.11	579.94	580.00	580.29	580.18	580.59	580.50	580.44	580.39	580.32	580.15		1100/28	581.28	2000/14	579.52
1-10 May		580.15	580.23	580.42	580.31	580.17	580.59	580.45	580.39	580.33	580.23					
11-20 May		580.54	580.40	580.28	580.28	580.37	580.28	580.60	580.61	580.67	580.57					
21-31 May	580.42	580.60	580.55	580.47	580.57	580.54	580.45	580.42	580.34	580.36	580.41	580.46	2000/5	581.54	1100/28	579.67
1-10 Jun		580.62	580.53	580.49	580.49	580.44	580.48	580.51	580.48	580.43	580.35					
11-20 Jun		580.53	580.34	580.21	580.34	580.26	580.50	580.47	580.28	580.57	580.50					
21-30 Jun	580.44	580.52	580.46	580.41	580.39	580.37	580.45	580.42	580.43	580.44	580.64		1000/19	580.97	2300/12	579.96
1-10 Jul		580.67	580.62	580.62	580.64	580.59	580.56	580.47	580.60	580.47	580.24					
11-20 Jul		580.62	580.89	580.72	580.47	580.53	580.63	580.58	580.51	580.47	580.48					
21-31 Jul	580.55	580.62	580.46	580.44	580.63	580.44	580.33	580.49	580.46	580.53	580.47	580.65	0200/12	581.33	2200/14	579.94
1-10 Aug		580.58	580.60	580.42	580.43	580.40	580.56	580.54	580.48	580.43	580.29					
11-20 Aug		580.16	580.24	580.36	580.41	580.46	580.42	580.38	580.27	580.22	580.23					
21-31 Aug	580.34	580.20	580.23	580.44	580.24	580.17	580.10	579.98	580.28	580.56	580.26	580.07	2400/28	581.06	1700/27	579.83
1-10 Sep		580.23	580.09	579.66	580.20	580.30	580.04	579.93	579.96	580.11	580.40					
11-20 Sep		580.11	579.97	579.93	579.86	580.06	580.02	580.11	580.03	579.92	579.98					
21-30 Sep	579.96	579.94	580.01	579.93	579.86	579.80	579.61	579.82	579.71	579.73	579.61		1100/10	581.00	0600/23	579.30
1-10 Oct		579.53	579.54	579.58	579.39	579.29	580.01	579.85	579.69	579.84	579.68					
11-20 Oct		579.22	579.11	579.56	579.60	579.36	579.68	579.57	579.52	579.26	579.37					
21-31 Oct	579.45	579.25	579.50	579.45	579.23	579.39	579.44	579.20	579.12	579.36	579.10	579.42	1900/13	580.45	0100/15	578.80
1-10 Nov		579.15	578.84	579.08	578.96	578.99	579.12	579.34	579.19	578.80	579.09					
11-20 Nov		579.04	579.01	578.95	579.11	578.83	578.78	578.60	578.85	579.00	578.86					
21-30 Nov	578.89	578.80	578.95	578.97	578.67	578.47	578.42	578.65	578.80	578.71	578.55		2200/7	579.53	0300/26	578.07
1-10 Dec		578.67	578.91	578.64	578.44	578.58	578.31	578.91	578.62	578.54	578.12					
11-20 Dec		578.50	578.83	578.58	577.97	578.59	578.28	578.62	578.40	578.25	578.66					
21-31 Dec	578.44	578.74	578.06	578.43	577.97	578.22	578.43	578.28	578.30	578.28	578.25	578.35	2100/12	580.53	1000/14	577.12

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 5014: Harbor Beach, Michigan on Lake Huron

1976 YEARLY MEAN ELEVATION: 579.69 FEET

HIGHEST
Monthly mean elevation: 580.52 Jul 1976
Daily mean elevation: 580.75 12 Jul 1976
Instant/hourly Elevation: 580.95 0300/12 Jul 1976

LOWEST
Monthly mean elevation: 578.46 Dec 1976
Daily mean elevation: 578.22 22 Dec 1976
Instant/hourly Elevation: 577.89 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.54	4 Jan
579.42	8 Feb
579.91	28 Mar
580.37	27 Apr
580.55	19 May
580.63	30 Jun
580.75	12 Jul
580.51	1 Aug
580.28	10 Sep
579.78	6 Oct
579.23	7 Nov
578.80	2 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.88	2 Jan
578.82	15 Feb
578.91	3 Mar
579.87	1 Apr
580.17	1 May
580.23	13 Jun
580.33	10 Jul
580.05	27 Aug
579.59	26 Sep
579.11	30 Oct
578.51	26 Nov
578.22	22 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.60						1	4						580.60	5
580.40					11	18	25	6					580.40	65
580.20				6	19	11	2	17	1				580.20	121
580.00				10	1			8	6				580.00	146
579.80			2	14					16				579.80	178
579.60			9						5	4			579.60	196
579.40	5	2	14						2	11			579.40	230
579.20	13	12	3							12	1		579.20	271
579.00	7	11	2							4	8		579.00	303
578.80	6	4	1								11		578.80	325
578.60											8	7	578.60	340
578.40											2	9	578.40	351
578.20												15	578.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 5014: Harbor Beach, Michigan on Lake Huron

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.
1-10 Jan		579.29	578.88	579.25	579.54	579.25	579.20	579.41	579.37	579.42	579.28		
11-20 Jan		579.04	579.00	579.21	579.39	579.50	579.30	579.40	579.14	578.90	579.18		
21-31 Jan	579.22	579.38	579.49	579.18	578.99	579.06	578.97	579.22	579.03	579.35	579.22	578.98	0400/15 579.73 1100/2 578.53
1-10 Feb		579.27	579.36	579.13	579.20	579.23	579.18	579.09	579.42	579.00	579.02		
11-20 Feb		579.23	579.00	579.24	579.14	578.82	579.19	579.15	578.98	579.16	579.21		
21-29 Feb	579.18	579.25	579.42	579.16	579.23	579.15	579.21	579.33	579.27	579.22			0200/2 579.68 2200/9 578.51
1-10 Mar		579.47	579.09	578.91	579.33	579.28	579.59	579.77	579.67	579.50	579.49		
11-20 Mar		579.58	579.20	579.57	579.56	579.76	579.66	579.82	579.50	579.44	579.41		
21-31 Mar	579.53	579.78	579.72	579.56	579.50	579.65	579.38	579.66	579.91	579.59	579.47	579.70	2000/21 580.06 2000/2 578.53
1-10 Apr		579.87	579.99	579.91	579.93	579.99	579.97	579.97	580.02	579.94	580.04		
11-20 Apr		580.18	580.08	580.05	579.88	579.91	579.95	579.92	579.93	580.07	580.07		
21-30 Apr	580.06	579.92	580.03	580.28	580.06	580.29	580.30	580.37	580.30	580.28	580.15		1400/23 580.52 0100/17 579.65
1-10 May		580.17	580.24	580.40	580.34	580.26	580.45	580.35	580.38	580.32	580.28		
11-20 May		580.42	580.38	580.27	580.27	580.32	580.26	580.51	580.51	580.55	580.49		
21-31 May	580.38	580.54	580.49	580.40	580.44	580.44	580.40	580.38	580.32	580.33	580.38	580.42	0200/6 580.82 0500/1 580.00
1-10 Jun		580.52	580.46	580.42	580.45	580.40	580.46	580.48	580.46	580.43	580.38		
11-20 Jun		580.53	580.35	580.23	580.38	580.36	580.51	580.46	580.30	580.50	580.52		
21-30 Jun	580.43	580.47	580.43	580.37	580.37	580.40	580.47	580.43	580.44	580.40	580.63		2100/30 580.85 0600/13 580.01
1-10 Jul		580.65	580.60	580.57	580.58	580.55	580.52	580.49	580.54	580.46	580.33		
11-20 Jul		580.60	580.75	580.66	580.51	580.50	580.60	580.62	580.52	580.48	580.51		
21-31 Jul	580.52	580.56	580.42	580.41	580.57	580.43	580.35	580.48	580.42	580.46	580.41	580.52	0300/12 580.95 0400/10 579.82
1-10 Aug		580.51	580.49	580.43	580.47	580.43	580.40	580.39	580.40	580.36	580.29		
11-20 Aug		580.22	580.27	580.38	580.33	580.35	580.38	580.35	580.26	580.20	580.23		
21-31 Aug	580.30	580.19	580.23	580.33	580.12	580.12	580.11	580.05	580.26	580.45	580.19	580.05	0300/2 580.73 0400/31 579.92
1-10 Sep		580.13	580.07	579.80	580.15	580.19	580.00	579.95	579.95	580.02	580.28		
11-20 Sep		580.07	579.95	579.92	579.89	579.98	579.91	579.97	579.97	579.90	579.89		
21-30 Sep	579.92	579.91	580.00	579.87	579.86	579.74	579.59	579.68	579.69	579.74	579.60		1000/10 580.50 2300/30 579.40
1-10 Oct		579.53	579.49	579.52	579.39	579.32	579.78	579.73	579.58	579.64	579.60		
11-20 Oct		579.27	579.23	579.52	579.65	579.38	579.59	579.43	579.39	579.23	579.28		
21-31 Oct	579.41	579.31	579.53	579.43	579.16	579.24	579.25	579.16	579.18	579.42	579.11	579.23	0300/14 579.96 0300/28 578.96
1-10 Nov		579.11	578.93	579.09	578.96	579.02	579.14	579.23	579.09	578.84	579.02		
11-20 Nov		579.03	578.97	578.98	579.14	578.83	578.80	578.70	578.84	578.96	578.83		
21-30 Nov	578.90	578.73	578.96	578.98	578.70	578.55	578.51	578.70	578.80	578.74	578.67		2200/7 579.31 0700/26 578.27
1-10 Dec		578.73	578.80	578.68	578.47	578.59	578.38	578.78	578.61	578.61	578.26		
11-20 Dec		578.59	578.73	578.57	578.27	578.58	578.30	578.58	578.45	578.26	578.49		
21-31 Dec	578.46	578.57	578.22	578.40	578.24	578.28	578.38	578.31	578.27	578.28	578.23	578.37	0800/13 578.82 1000/14 577.89

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 5034: Essexville, Michigan on Lake Huron (Saginaw Bay)

1976 YEARLY MEAN ELEVATION: 579.77 FEET

HIGHEST
Monthly mean elevation: 580.51 Jul 1976
Daily mean elevation: 581.87 25 Apr 1976
Instant/hourly Elevation: 583.14 1245/25 Apr 1976

LOWEST
Monthly mean elevation: 578.65 Nov 1976
Daily mean elevation: 578.04 30 Nov 1976
Instant/hourly Elevation: 576.61 1445/5 Mar 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.32	19 Jan
579.69	22 Feb
579.99	28 Mar
581.87	25 Apr
580.76	24 May
581.80	30 Jun
580.87	12 Jul
580.73	23 Aug
580.33	1 Sep
580.18	6 Oct
579.21	7 Nov
	Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.88	31 Jan
578.78	9 Feb
578.48	5 Mar
579.68	22 Apr
580.04	5 May
580.01	15 Jun
580.12	26 Jul
579.89	27 Aug
579.15	3 Sep
578.35	28 Oct
578.04	30 Nov
	Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
581.80				1									581.80	1
581.60						1							581.60	2
581.40													581.40	2
581.20													581.20	2
581.00													581.00	2
580.80						1	1						580.80	4
580.60				2	5	2	8	3					580.60	24
580.40				1	13	14	16	7					580.40	75
580.20				7	8	9	5	8	3				580.20	115
580.00				7	5	3	1	12	7	1			580.00	151
579.80			3	10				1	10	2			579.80	177
579.60		1	8	2					5	4			579.60	197
579.40		2	9						3	9			579.40	220
579.20	7	7	7						1	8	1		579.20	251
579.00	9	10	3						1	3	2		579.00	279
578.80	3	1								2	4		578.80	289
578.60		2								1	9		578.60	301
578.40				1							8		578.40	310
578.20											1		578.20	312
578.00											3		578.00	315

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

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

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			579.16	/	/	/	/	579.06	579.29	/	/	/						
11-20 Jan			/	578.94	579.13	/	/	579.06	/	/	579.32	579.10						
21-31 Jan	579.13		579.14	579.32	579.22	579.21	579.25	578.97	579.02	579.02	579.16	579.23	578.88	1020/7	579.60	2220/12	578.68	
1-10 Feb			578.99	/	/	/	/	/	/	579.18	578.78	579.03						
11-20 Feb			579.16	579.10	579.19	579.11	578.78	579.25	579.12	579.01	579.07	579.26						
21-29 Feb	579.18		579.58	579.69	579.31	579.32	579.17	579.24	579.42	579.22	579.21			1900/21	579.93	2400/18	578.58	
1-10 Mar			579.84	579.81	579.05	579.56	578.48	579.24	579.51	579.53	579.45	579.47						
11-20 Mar			579.62	579.25	579.53	579.09	579.68	579.61	579.69	579.41	579.38	579.24						
21-31 Mar	579.45		579.63	579.61	579.27	579.17	579.66	579.38	579.57	579.99	579.68	579.23	579.46	0710/2	580.46	1445/5	576.61	
1-10 Apr			579.86	579.96	580.35	580.31	579.91	580.02	580.14	580.28	579.87	579.90						
11-20 Apr			580.61	580.01	579.92	579.86	579.79	579.86	579.90	579.87	580.05	580.19						
21-30 Apr	580.16		580.07	579.68	580.29	580.63	581.87	580.53	580.35	580.31	580.29	580.03		1245/25	583.14	1200/30	578.99	
1-10 May			580.12	580.27	580.14	580.05	580.04	580.73	580.47	580.24	580.26	580.06						
11-20 May			580.51	580.31	580.27	580.34	580.50	580.27	580.67	580.68	580.59	580.50						
21-31 May	580.42		580.59	580.58	580.54	580.76	580.61	580.43	580.39	580.43	580.47	580.54	580.56	2035/5	581.49	0800/5	579.30	
1-10 Jun			580.92	580.58	580.39	580.41	580.42	580.45	580.44	580.43	580.40	580.26						
11-20 Jun			580.64	580.48	580.16	580.27	580.01	580.24	580.50	580.14	580.61	580.46						
21-30 Jun	580.46		580.56	580.51	580.45	580.40	580.24	580.32	580.38	580.46	580.45	581.80		2100/30	582.52	2325/15	579.54	
1-10 Jul			580.55	580.50	580.55	580.59	580.51	580.47	580.42	580.63	580.36	580.25						
11-20 Jul			580.60	580.87	580.65	580.58	580.45	580.62	580.48	580.41	580.39	580.27						
21-31 Jul	580.51		580.72	580.48	580.43	580.65	580.42	580.12	580.53	580.63	580.68	580.40	580.69	0400/12	581.44	1045/20	579.58	
1-10 Aug			580.56	580.59	580.27	580.27	580.20	580.64	580.55	580.43	580.39	580.25						
11-20 Aug			580.09	580.10	580.41	580.65	580.44	580.36	580.34	580.24	580.07	580.14						
21-31 Aug	580.30		580.11	580.16	580.73	580.32	580.12	580.02	579.89	580.11	580.53	580.20	580.05	1130/23	581.72	0840/5	579.36	
1-10 Sep			580.33	580.14	579.15	580.01	580.13	579.85	579.72	579.88	580.03	580.13						
11-20 Sep			580.01	579.84	579.78	579.79	580.22	580.23	580.11	579.93	579.83	579.97						
21-30 Sep	579.86		579.82	579.85	579.71	579.67	579.81	579.60	579.84	579.55	579.37	579.59		0918/1	580.81	1010/3	578.71	
1-10 Oct			579.49	579.47	579.64	579.36	579.37	580.18	579.96	579.71	579.83	579.56						
11-20 Oct			579.21	579.03	579.38	579.44	578.85	579.61	579.50	579.43	579.24	579.29						
21-31 Oct	579.37		578.80	578.90	579.36	579.49	579.52	579.62	579.29	578.35	579.07	579.01	579.55	0830/31	580.74	0730/28	577.91	
1-10 Nov			579.18	/	/	578.92	578.78	578.76	579.21	579.01	578.60	578.93						
11-20 Nov			578.86	578.82	578.45	578.77	578.65	578.47	578.15	578.61	578.75	578.77						
21-30 Nov	578.65		578.72	578.38	578.51	578.47	578.53	578.43	578.71	578.44	578.14	578.04		1348/7	579.56	2200/29	577.48	
1-10 Dec			/	/	/	/	/	/	/	/	/	/						
11-20 Dec			/	/	/	/	/	/	/	/	/	/						
21-31 Dec			/	/	/	/	/	/	/	/	/	/						

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS. 1976
Station 5059: Harrisville, Michigan on Lake Huron

1976 YEARLY MEAN ELEVATION: 579.61 FEET

HIGHEST
Monthly mean elevation: 580.43 Jul 1976
Daily mean elevation: 580.55 1 Jul 1976
Instant/hourly Elevation: 580.85 0200/10 Jul 1976

LOWEST
Monthly mean elevation: 578.41 Dec 1976
Daily mean elevation: 578.20 30 Dec 1976
Instant/hourly Elevation: 577.97 2255/24 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.30	4 Jan
579.20	8 Feb
579.82	28 Mar
580.24	27 Apr
580.46	21 May
580.53	30 Jun
580.55	1 Jul
580.36	4 Aug
580.10	1 Sep
579.55	6 Oct
579.10	6 Nov
578.66	1 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.86	18 Jan
578.90	15 Feb
578.94	3 Mar
579.75	7 Apr
580.13	1 May
580.21	13 Jun
580.20	28 Jul
580.03	27 Aug
579.51	30 Sep
579.00	24 Oct
578.38	26 Nov
578.20	30 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.40					7	15	20						580.40	42
580.20				3	20	15	6	16					580.20	102
580.00				7	4		1	15					580.00	135
579.80			1	16					6				579.80	166
579.60			2	2					6				579.60	176
579.40			18						4	10			579.40	208
579.20	7		7							11			579.20	233
579.00	16	27	2						9		4		579.00	291
578.80	5	2	1							1	11		578.80	311
578.60											9	2	578.60	322
578.40											5	12	578.40	339
578.20											1	16	578.20	356
578.00												1	578.00	357

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 5059: Harrisville, Michigan on Lake Huron

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LWN Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			579.18	578.94	579.24	579.30	579.22	579.21	579.19	579.25	579.29	579.22						
11-20 Jan			579.05	579.01	579.10	579.20	/	/	/	578.86	578.97	579.12						
21-31 Jan	579.12		579.18	579.19	579.14	578.97	579.05	578.92	579.11	579.04	579.16	579.13	579.01	0405/1	579.39	2100/2	578.59	
1-10 Feb			579.06	579.12	579.14	579.03	579.14	579.05	579.12	579.20	579.03	579.04						
11-20 Feb			579.09	579.07	579.10	579.08	578.90	579.12	579.03	578.97	579.05	579.18						
21-29 Feb	579.09		579.09	579.16	579.18	579.16	579.05	579.07	579.18	579.06	579.10			1700/27	579.39	2200/18	578.65	
1-10 Mar			579.21	579.20	578.94	579.31	579.11	579.51	579.60	579.56	579.39	579.38						
11-20 Mar			579.47	579.31	579.37	579.37	579.60	579.44	579.60	579.47	579.41	579.43						
21-31 Mar	579.46		579.54	579.62	579.58	579.55	579.59	579.49	579.59	579.82	579.54	579.46	579.73	1654/27	580.03	1315/5	578.49	
1-10 Apr			579.81	579.89	/	/	579.91	580.00	579.75	579.80	579.81	579.99						
11-20 Apr			579.94	580.03	580.03	579.87	579.96	579.91	579.92	579.91	580.02	579.98						
21-30 Apr	579.98		579.92	579.97	580.16	579.94	580.08	580.14	580.24	580.24	580.23	580.11		0705/24	580.37	1316/20	579.54	
1-10 May			580.13	580.15	580.28	580.36	580.24	580.25	580.20	580.40	580.28	580.25						
11-20 May			580.39	580.36	580.23	580.19	580.23	580.22	580.41	580.43	580.45	580.45						
21-31 May	580.31		580.46	580.45	580.35	580.43	580.38	580.38	580.29	580.22	580.22	580.27	580.39	1810/21	580.61	0310/3	579.84	
1-10 Jun			580.43	580.46	580.40	580.43	580.31	580.43	580.43	580.44	580.40	580.36						
11-20 Jun			580.45	580.29	580.21	580.41	580.39	580.44	580.40	580.25	580.43	580.45						
21-30 Jun	580.40		580.44	580.45	580.34	580.37	580.39	580.44	580.38	580.38	580.34	580.53		2200/5	580.50	0428/16	579.87	
1-10 Jul			580.55	580.53	580.49	580.52	580.48	580.47	580.45	580.45	580.41	580.40						
11-20 Jul			580.49	580.55	580.53	580.45	580.44	580.43	580.53	580.46	580.44	580.50						
21-31 Jul	580.43		580.44	580.37	580.30	/	/	/	/	580.20	580.26	580.30	580.30	0200/10	580.85	0812/10	579.98	
1-10 Aug			580.28	580.30	580.35	580.36	580.32	580.27	580.28	580.30	580.27	580.21						
11-20 Aug			580.18	580.20	580.26	580.21	580.23	580.28	580.26	580.21	580.15	580.16						
21-31 Aug	580.20		580.12	580.14	580.17	580.08	580.06	580.04	580.03	580.14	580.20	580.11	580.05	0310/2	580.53	1535/26	579.76	
1-10 Sep			580.10	580.03	579.88	580.03	580.02	579.97	579.94	579.92	579.87	580.04						
11-20 Sep			580.01	579.91	579.89	579.88	579.87	579.81	579.83	579.87	579.86	579.76						
21-30 Sep	579.84		579.78	579.88	579.69	579.79	579.66	579.55	579.55	579.60	579.69	579.51		0700/1	580.34	2200/30	579.41	
1-10 Oct			579.48	579.45	579.42	579.36	579.35	579.55	579.53	579.46	579.43	579.47						
11-20 Oct			579.30	579.25	579.33	579.52	579.27	579.45	579.32	579.33	579.20	579.19						
21-31 Oct	579.30		579.18	579.33	579.31	579.00	579.06	579.02	579.02	579.16	579.37	579.06	579.02	0130/7	579.78	1400/31	578.82	
1-10 Nov			579.05	578.99	579.09	578.92	578.97	579.10	579.03	578.93	578.83	578.84						
11-20 Nov			578.88	578.79	578.88	578.99	578.75	578.76	578.73	578.78	578.82	578.70						
21-30 Nov	578.80		578.56	578.76	578.83	578.60	578.50	578.38	578.56	578.65	578.64	578.58		1415/6	579.21	0730/26	578.25	
1-10 Dec			578.66	578.62	578.56	578.39	578.48	578.30	578.47	578.43	578.58	578.22						
11-20 Dec			578.53	578.55	578.45	578.41	578.56	578.28	578.48	578.47	578.31	578.35						
21-31 Dec	578.41		578.37	578.39	578.37	578.35	578.32	578.32	578.35	578.26	578.31	578.20	578.33	0700/11	578.80	2255/24	577.97	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 5080: Mackinaw City, Michigan on Straits of Mackinac

1976 YEARLY MEAN ELEVATION: 579.60 FEET

HIGHEST
Monthly mean elevation: 580.43 Jun 1976
Daily mean elevation: 580.56 15 Jun 1976
Instant/hourly Elevation: 581.15 0600/20 Jul 1976

LOWEST
Monthly mean elevation: 578.32 Dec 1976
Daily mean elevation: 577.96 20 Dec 1976
Instant/hourly Elevation: 577.71 1800/12 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.48	5 Jan
579.36	23 Feb
579.87	31 Mar
580.23	30 Apr
580.38	31 May
580.56	15 Jun
580.54	10 Jul
580.42	3 Aug
580.20	3 Sep
579.53	1 Oct
579.12	2 Nov
578.66	11 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.95	16 Jan
578.82	1 Feb
579.13	1 Mar
579.67	11 Apr
580.11	2 May
580.34	30 Jun
580.24	31 Jul
579.91	29 Aug
579.45	27 Sep
578.92	31 Oct
578.51	26 Nov
577.96	20 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.40						20	18	2					580.40	40
580.20				1	26	10	13	13					580.20	103
580.00				9	5			12	1				580.00	170
579.80			2	16				2	9				579.80	159
579.60			10	4					13				579.60	186
579.40	3		10						7	7			579.40	213
579.20	7	7	8							11			579.20	246
579.00	16	14	1							11	4		579.00	292
578.80	5	8								2	9		578.80	316
578.60											12	2	578.60	330
578.40											5	9	578.40	344
578.20												11	578.20	355
578.00												8	578.00	363
577.80												1	577.80	364

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 5080: Mackinaw City, Michigan on Straits of Mackinac

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			579.18	579.47	579.21	579.14	579.48	579.42	578.98	579.23	579.16	579.19						
11-20 Jan			579.19	579.39	579.10	579.04	579.17	578.95	579.05	579.31	579.37	579.12						
21-31 Jan	579.17		578.96	578.97	579.13	579.12	579.17	579.09	579.13	579.28	578.98	579.07	579.28	1800/2	579.91	0200/29	578.62	
1-10 Feb			578.82	578.99	579.25	578.96	579.02	578.94	579.26	578.93	579.31	579.04						
11-20 Feb			578.96	579.28	578.89	579.12	579.15	579.04	579.15	579.12	579.07	579.17						
21-29 Feb	579.11		578.97	579.05	579.36	579.30	579.23	579.19	579.16	579.18	579.14			1600/23	579.88	1300/1	578.15	
1-10 Mar			579.13	579.22	579.30	579.26	579.36	579.56	579.29	579.50	579.44	579.41						
11-20 Mar			579.46	579.57	579.33	579.61	579.54	579.40	579.46	579.62	579.58	579.74						
21-31 Mar	579.53		579.34	579.67	579.76	579.77	579.63	579.76	579.48	579.72	579.71	579.86	579.87	0900/31	580.17	1700/5	578.63	
1-10 Apr			579.79	579.87	579.73	579.76	579.92	579.88	579.83	579.88	579.96	579.91						
11-20 Apr			579.67	579.97	579.94	580.01	580.00	580.02	580.04	580.10	580.04	579.94						
21-30 Apr	579.96		579.98	580.08	579.99	579.90	579.94	579.99	580.08	580.10	580.16	580.23		0900/30	580.38	0600/4	579.40	
1-10 May			580.21	580.11	580.11	580.33	580.25	580.17	580.22	580.34	580.27	580.35						
11-20 May			580.20	580.29	580.27	580.29	580.20	580.30	580.31	580.34	580.30	580.36						
21-31 May	580.29		580.31	580.34	580.30	580.30	580.32	580.35	580.37	580.36	580.35	580.35	580.38	0700/5	580.66	0300/6	579.89	
1-10 Jun			580.35	580.38	580.39	580.39	580.39	580.40	580.44	580.43	580.41	580.48						
11-20 Jun			580.39	580.36	580.49	580.47	580.56	580.46	580.41	580.48	580.46	580.47						
21-30 Jun	580.43		580.42	580.43	580.41	580.41	580.49	580.46	580.44	580.42	580.40	580.34		2100/15	580.96	0400/14	579.95	
1-10 Jul			580.44	580.47	580.43	580.42	580.45	580.50	580.47	580.42	580.50	580.54						
11-20 Jul			580.39	580.33	580.39	580.42	580.44	580.36	580.45	580.44	580.51	580.51						
21-31 Jul	580.41		580.34	580.40	580.42	580.38	580.39	580.46	580.35	580.28	580.32	580.40	580.24	0600/20	581.15	1600/31	580.07	
1-10 Aug			580.32	580.33	580.42	580.41	580.32	580.21	580.25	580.23	/	580.36						
11-20 Aug			580.28	580.34	/	580.19	580.18	580.18	580.15	580.21	580.28	580.20						
21-31 Aug	580.20		580.21	580.14	580.03	580.07	580.10	580.12	580.21	580.04	579.91	580.01	579.98	0200/5	580.66	0200/29	579.72	
1-10 Sep			579.82	579.97	580.20	579.86	579.80	579.91	579.93	579.88	579.73	579.77						
11-20 Sep			579.84	579.90	579.99	579.80	579.70	579.70	579.70	579.74	579.76	579.63						
21-30 Sep	579.74		579.59	579.65	579.49	579.72	579.48	579.52	579.45	579.62	579.56	579.48		1800/3	580.75	1800/23	579.11	
1-10 Oct			579.53	579.42	579.40	579.53	579.42	579.33	579.39	579.43	579.35	579.35						
11-20 Oct			579.45	579.50	579.29	579.38	579.30	579.20	579.14	579.18	579.19	579.21						
21-31 Oct	579.26		579.23	579.18	579.10	579.03	579.04	578.97	579.06	579.33	579.17	579.02	578.92	2400/14	579.92	0900/31	578.81	
1-10 Nov			579.02	579.12	579.02	578.92	579.08	578.96	578.85	578.86	578.93	578.81						
11-20 Nov			578.85	578.79	578.85	578.79	578.74	578.80	578.89	578.76	578.68	578.61						
21-30 Nov	578.78		578.57	578.64	578.58	578.60	578.60	578.51	578.62	578.61	578.65	578.65		2000/5	579.32	1900/26	578.31	
1-10 Dec			578.57	578.31	578.52	578.49	578.46	578.46	578.32	578.37	578.51	578.38						
11-20 Dec			578.66	578.22	578.44	578.64	578.31	578.32	578.21	578.35	578.25	577.96						
21-31 Dec	578.32		578.08	578.45	578.13	578.47	578.17	578.10	578.22	578.08	578.18	578.11	578.10	1100/11	579.10	1800/12	577.71	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 5098: DeTour, Michigan on Lake Huron

1976 YEARLY MEAN ELEVATION: 579.57 FEET

HIGHEST
Monthly mean elevation: 580.43 Jun 1976
Daily mean elevation: 580.57 20 Jun 1976
Instant/hourly Elevation: 580.85 0100/16 Jun 1976

LOWEST
Monthly mean elevation: 578.20 Dec 1976
Daily mean elevation: 577.84 20 Dec 1976
Instant/hourly Elevation: 577.62 2135/20 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.54	6 Jan
579.31	12 Feb
579.79	31 Mar
580.25	30 Apr
580.43	4 May
580.57	20 Jun
580.51	10 Jul
580.37	3 Aug
580.07	3 Sep
579.50	4 Oct
579.08	2 Nov
578.67	1 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.90	16 Jan
578.88	13 Feb
578.92	2 Mar
579.62	11 Apr
580.12	3 May
580.31	30 Jun
580.27	31 Jul
579.91	29 Aug
579.39	23 Sep
578.71	31 Oct
578.41	21 Nov
577.84	20 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.40					4	18	13						580.40	35
580.20				2	23	12	18	9					580.20	99
580.00				9	4			18	1				580.00	171
579.80				14				4	9				579.80	158
579.60				5					12				579.60	185
579.40			10						6	7			579.40	212
579.20	4		10						2	11			579.20	243
579.00	7	6	5							8	3		579.00	283
578.80	14	11	4							4	2		578.80	307
578.60	5	11	2							1	9	1	578.60	318
578.40											5	4	578.40	327
578.20												3	578.20	330
578.00												8	578.00	338
577.80												4	577.80	342

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 5098: DeTour, Michigan on Lake Huron

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LNW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		579.09	579.32	579.15	579.11	579.44	579.54	578.97	579.22	579.25	579.26					
11-20 Jan		579.05	/	579.03	579.01	579.44	578.90	579.02	579.25	579.45	579.15					
21-31 Jan	579.16	579.05	578.96	579.11	578.98	579.11	578.99	579.17	579.31	579.05	579.07	579.26	1045/2	579.80	1330/16	578.63
1-10 Feb		579.08	/	579.27	578.93	579.03	578.92	579.28	578.95	579.29	578.99					
11-20 Feb		578.95	579.31	578.88	579.18	579.06	579.04	578.97	579.00	578.99	579.17					
21-29 Feb	579.09	578.92	578.92	579.28	579.31	579.16	579.15	579.20	579.13	579.11			1550/23	579.65	0215/19	578.53
1-10 Mar		579.12	578.92	578.93	579.15	579.16	579.56	579.36	579.57	579.42	579.34					
11-20 Mar		579.46	579.46	579.13	579.60	579.59	579.37	579.45	579.62	579.47	579.67					
21-31 Mar	579.46	579.37	579.68	579.73	579.76	579.63	579.66	579.38	579.77	579.58	579.64	579.79	1545/24	580.02	1915/5	578.68
1-10 Apr		579.76	579.86	579.73	579.63	579.93	579.88	579.80	579.81	579.90	579.92					
11-20 Apr		579.62	579.94	579.99	579.94	580.00	580.01	580.04	580.08	580.04	580.02					
21-30 Apr	579.95	579.94	580.03	580.14	579.92	579.86	579.95	580.10	580.12	580.21	580.25		2113/30	580.39	0600/4	579.43
1-10 May		580.21	580.13	580.12	580.43	580.29	580.23	580.18	580.39	580.34	580.36					
11-20 May		580.25	580.35	580.34	580.27	580.28	580.27	580.36	580.38	580.33	580.43					
21-31 May	580.31	580.35	580.41	580.34	580.34	580.38	580.39	580.42	580.29	580.19	580.22	580.25	0423/20	580.62	0130/3	579.68
1-10 Jun		580.33	580.32	580.38	580.36	580.45	580.40	580.46	580.40	580.42	580.46					
11-20 Jun		580.39	580.34	580.37	580.42	580.56	580.55	580.50	580.42	580.46	580.57					
21-30 Jun	580.43	580.44	580.49	580.41	580.38	580.46	580.57	580.42	580.47	580.39	580.31		0100/16	580.85	1437/30	580.08
1-10 Jul		580.48	580.49	580.39	580.42	580.42	580.49	580.45	580.41	580.48	580.51					
11-20 Jul		580.40	580.30	580.38	580.38	580.40	580.31	580.46	580.40	580.45	580.49					
21-31 Jul	580.40	580.36	580.35	580.35	580.39	580.39	580.40	580.36	580.29	580.28	580.42	580.27	0329/10	580.78	0007/29	580.07
1-10 Aug		580.31	580.27	580.37	580.37	580.30	580.13	580.19	580.19	580.20	580.21					
11-20 Aug		580.25	580.23	580.19	580.10	580.06	580.14	580.14	580.15	580.21	580.18					
21-31 Aug	580.15	580.15	580.11	580.03	580.03	580.06	580.06	580.16	579.99	579.91	579.97	579.94	0317/5	580.59	1900/28	579.67
1-10 Sep		579.78	579.92	580.07	579.89	579.79	579.85	579.87	579.85	579.67	579.74					
11-20 Sep		579.86	579.85	579.94	579.81	579.69	579.64	579.68	579.72	579.78	579.58					
21-30 Sep	579.71	579.59	579.68	579.39	579.71	579.48	579.45	579.39	579.50	579.61	579.47		1850/3	580.34	1150/23	578.76
1-10 Oct		579.47	579.42	579.39	579.50	579.40	579.31	579.41	579.40	579.28	579.38					
11-20 Oct		579.43	579.45	579.25	579.50	579.25	579.26	579.10	579.19	579.19	579.14					
21-31 Oct	579.24	579.19	579.19	579.26	578.93	578.94	578.87	578.93	579.20	579.39	579.07	578.71	2310/14	579.84	0945/31	578.49
1-10 Nov		579.02	579.08	579.08	/	/	/	/	/	/	578.64					
11-20 Nov		/	/	/	/	578.70	578.81	/	578.89	578.74	578.62					
21-30 Nov	578.70	578.41	578.59	578.74	578.64	578.64	578.42	578.47	578.58	578.68	578.64		1104/2	579.26	1345/27	578.16
1-10 Dec		578.67	578.28	/	/	/	/	/	/	/	/					
11-20 Dec		/	/	/	578.57	578.46	578.24	578.20	578.39	578.15	577.84					
21-31 Dec	578.20	577.90	578.45	578.09	578.45	578.13	578.01	578.13	577.96	578.06	578.03	577.99	1050/14	578.87	2135/20	577.62

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 6050: Frechette Point, Michigan on the St. Marys River

1976 YEARLY MEAN ELEVATION: 580.21 FEET

HIGHEST
Monthly mean elevation: 580.84 Jul 1976
Daily mean elevation: 581.13 10 Jul 1976
Instant/hourly Elevation: 581.37 0755/10 Jul 1976

LOWEST
Monthly mean elevation: 579.08 Nov 1976
Daily mean elevation: 578.62 21 Nov 1976
Instant/hourly Elevation: 578.41 1807/21 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
580.35	19 Jan
580.34	24 Feb
580.86	24 Mar
580.80	1 Apr
580.89	27 May
580.98	12 Jun
581.13	10 Jul
580.93	4 Aug
580.66	3 Sep
580.07	4 Oct
579.49	2 Nov
579.76	14 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.59	1 Jan
579.83	2 Feb
580.09	3 Mar
580.19	26 Apr
580.08	3 May
580.69	19 Jun
580.44	12 Jul
580.14	29 Aug
579.70	23 Sep
579.08	31 Oct
578.62	21 Nov
579.06	7 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
581.00							4						581.00	4
580.80			3		10	16	16	3					580.80	52
580.60			13	7	17	14	9	15	1				580.60	128
580.40			9	17	3		2	11	1				580.40	171
580.20	5	11	2	5				1	9				580.20	204
580.00	11	16	4	1	1			1	10	1			580.00	249
579.80	12	2							7	10			579.80	280
579.60	2								2	7		3	579.60	294
579.40	1									9	3	19	579.40	326
579.20										3	4	5	579.20	378
579.00										1	13	4	579.00	356
578.80											6		578.80	362
578.60											4		578.60	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 6050: Frechette Point, Michigan on the St. Marys River

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		579.59	580.02	579.66	579.72	580.08	580.31	579.93	579.98	580.15	580.28						
11-20 Jan		580.18	580.16	580.32	580.13	580.23	580.01	579.85	579.96	580.35	580.13						
21-31 Jan	580.02	580.10	580.00	579.92	579.84	579.89	579.86	580.00	580.15	579.93	579.96	580.04	2300/12	580.52	0400/1	579.49	
1-10 Feb		579.99	579.83	580.27	580.15	580.18	580.12	580.27	580.14	580.24	580.18						
11-20 Feb		580.05	580.28	580.05	580.15	580.19	580.14	580.05	580.12	580.07	580.21						
21-29 Feb	580.16	580.11	580.02	580.27	580.34	580.26	580.20	580.22	580.21	580.23			2200/7	580.51	0600/2	579.55	
1-10 Mar		580.18	580.12	580.09	580.20	580.38	580.59	580.57	580.65	580.58	580.48						
11-20 Mar		580.49	580.60	580.36	580.70	580.63	580.68	580.53	580.70	580.60	580.70						
21-31 Mar	580.59	580.58	580.69	580.78	580.86	580.77	580.78	580.77	580.86	580.79	580.72	580.82	1915/24	581.09	1630/3	580.02	
1-10 Apr		580.80	580.76	580.70	580.49	580.67	580.63	580.54	580.52	580.61	580.60						
11-20 Apr		580.25	580.48	580.53	580.44	580.44	580.48	580.51	580.57	580.41	580.46						
21-30 Apr	580.49	580.43	580.44	580.43	580.40	580.21	580.19	580.24	580.33	580.52	580.66		0100/1	580.86	1210/27	580.04	
1-10 May		580.61	580.47	580.08	580.82	580.75	580.72	580.61	580.81	580.80	580.82						
11-20 May		580.48	580.68	580.84	580.71	580.79	580.71	580.65	580.66	580.63	580.79						
21-31 May	580.71	580.55	580.76	580.71	580.68	580.78	580.82	580.89	580.88	580.82	580.83	580.82	0012/5	581.11	0430/3	579.76	
1-10 Jun		580.79	580.74	580.75	580.86	580.81	580.79	580.80	580.81	580.85	580.89						
11-20 Jun		580.73	580.98	580.89	580.88	580.98	580.83	580.84	580.98	580.69	580.83						
21-30 Jun	580.82	580.74	580.80	580.79	580.86	580.78	580.85	580.78	580.88	580.74	580.72		1305/12	581.25	0515/11	580.27	
1-10 Jul		580.72	580.88	580.80	580.84	580.87	581.01	580.88	580.80	581.04	581.13						
11-20 Jul		580.70	580.44	580.74	580.96	580.87	580.50	580.80	580.90	580.96	581.03						
21-31 Jul	580.84	580.84	580.94	580.87	580.84	580.93	580.86	580.76	580.83	580.70	580.88	580.64	0755/10	581.37	1618/16	580.13	
1-10 Aug		580.70	580.80	580.87	580.93	580.83	580.64	580.69	580.71	580.72	580.73						
11-20 Aug		580.75	580.73	580.62	580.58	580.42	580.44	580.58	580.64	580.73	580.70						
21-31 Aug	580.63	580.66	580.54	580.48	580.58	580.57	580.60	580.71	580.37	580.14	580.47	580.48	0540/5	581.17	2210/28	579.78	
1-10 Sep		580.11	580.39	580.66	580.29	580.06	580.32	580.36	580.35	580.11	579.95						
11-20 Sep		580.31	580.34	580.42	580.25	580.09	580.02	580.07	580.08	580.18	579.96						
21-30 Sep	580.13	579.87	579.94	579.70	580.21	579.96	579.94	579.80	579.95	580.04	580.04		1845/3	580.90	1640/23	578.86	
1-10 Oct		580.00	579.90	579.87	580.07	579.84	579.63	579.82	579.86	579.71	579.76						
11-20 Oct		579.91	579.96	579.50	579.85	579.71	579.57	579.45	579.56	579.67	579.62						
21-31 Oct	579.66	579.59	579.52	579.66	579.41	579.33	579.23	579.30	579.56	579.83	579.57	579.08	2315/14	580.46	1330/31	578.91	
1-10 Nov		579.43	579.49	579.46	579.16	579.20	579.29	579.05	579.06	579.37	578.96						
11-20 Nov		579.15	579.02	578.98	579.23	579.12	579.07	579.32	579.12	579.01	578.98						
21-30 Nov	579.08	578.62	578.67	578.94	578.97	579.02	578.79	578.75	578.85	579.08	579.11		0935/2	579.77	1807/21	578.41	
1-10 Dec		579.22	579.16	579.44	579.36	579.41	579.42	579.06	579.21	579.50	579.55						
11-20 Dec		579.65	579.57	579.41	579.76	579.64	579.48	579.41	579.42	579.36	579.19						
21-31 Dec	579.42	579.06	579.55	579.52	579.60	579.58	579.46	579.45	579.43	579.25	579.46	579.49	1505/11	580.03	1235/21	578.97	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 6060: US Slip below locks, Sault Ste Marie, Michigan on St Marys River

1976 YEARLY MEAN ELEVATION: 580.55 FEET

HIGHEST
Monthly mean elevation: 581.15 Jun 1976
Daily mean elevation: 581.38 10 Jul 1976
Instant/hourly Elevation: 581.82 0151/10 Jul 1976

LOWEST
Monthly mean elevation: 579.31 Nov 1976
Daily mean elevation: 578.87 21 Nov 1976
Instant/hourly Elevation: 578.40 1603/26 Nov 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
580.90	28 Jan
581.00	4 Feb
581.28	24 Mar
580.99	1 Apr
581.18	28 May
581.32	18 Jun
581.38	10 Jul
581.20	4 Aug
580.93	3 Sep
580.28	4 Oct
579.67	2 Nov
580.04	31 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.90	1 Jan
580.53	2 Feb
580.72	2 Mar
580.38	26 Apr
580.26	3 May
581.01	30 Jun
580.68	12 Jul
580.34	29 Aug
579.95	23 Sep
579.34	31 Oct
578.87	21 Nov
579.25	7 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
581.20			6			4	5						581.20	15
581.00			17		18	26	19	4					581.00	99
580.80	3	24	5	5	10		5	14	1				580.80	166
580.60	13	4	3	20	2		2	11	7				580.60	228
580.40	9	1		3				1	7				580.40	249
580.20	3			2	1			1	8	3			580.20	267
580.00	1								6	7		1	580.00	282
579.80	2								1	10		13	579.80	308
579.60										7	3	7	579.60	325
579.40										3	5	6	579.40	349
579.20										1	15	4	579.20	359
579.00											5		579.00	364
578.80											2		578.80	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 6060: US Slip below locks, Sault Ste Marie, Michigan on St Marys River

	Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LOW			
														Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		579.90	580.31	579.96	580.03	580.43	580.66	580.31	580.51	580.68	580.70						
11-20 Jan		580.62	580.60	580.78	580.55	580.66	580.45	580.30	580.51	580.82	580.65						
21-31 Jan	580.55	580.68	580.49	580.54	580.56	580.65	580.66	580.75	580.90	580.74	580.76	580.84	1742/19	581.22	1800/1	579.82	
1-10 Feb		580.85	580.53	580.99	581.00	581.00	580.92	581.00	580.92	580.90	580.94						
11-20 Feb		580.79	580.95	580.81	580.85	580.91	580.89	580.80	580.85	580.80	580.90						
21-29 Feb	580.88	580.81	580.71	580.91	581.00	580.91	580.86	580.88	580.89	580.86			2200/7	581.42	0610/2	580.26	
1-10 Mar		580.80	580.72	580.72	580.84	581.01	581.16	581.18	581.22	581.18	581.07						
11-20 Mar		581.04	581.15	580.96	581.24	581.18	581.27	581.07	581.24	581.13	581.18						
21-31 Mar	581.08	581.10	581.17	581.26	581.28	581.13	581.09	580.97	581.05	580.99	580.92	581.01	1023/14	581.62	1628/2	580.60	
1-10 Apr		580.99	580.93	580.89	580.68	580.83	580.80	580.71	580.70	580.79	580.78						
11-20 Apr		580.42	580.67	580.72	580.66	580.63	580.69	580.74	580.80	580.63	580.67						
21-30 Apr	580.69	580.66	580.66	580.64	580.62	580.40	580.38	580.44	580.51	580.68	580.86		1408/1	581.19	2400/25	580.14	
1-10 May		580.82	580.72	580.26	580.98	581.03	580.96	580.88	581.05	581.07	581.09						
11-20 May		580.76	580.94	581.12	581.02	581.12	581.03	580.96	580.97	580.94	581.11						
21-31 May	580.99	580.85	581.08	581.04	580.97	581.12	581.12	581.16	581.18	581.12	581.11	581.09	2131/26	581.52	0634/3	579.92	
1-10 Jun		581.09	581.13	581.11	581.20	581.17	581.13	581.18	581.15	581.16	581.18						
11-20 Jun		581.03	581.29	581.20	581.20	581.26	581.09	581.14	581.32	581.02	581.22						
21-30 Jun	581.15	581.12	581.14	581.16	581.17	581.16	581.14	581.07	581.16	581.08	581.01		1546/12	581.78	1543/11	580.40	
1-10 Jul		581.00	581.14	581.02	581.08	581.10	581.21	581.13	581.05	581.25	581.38						
11-20 Jul		580.98	580.68	580.98	581.20	581.08	580.71	581.05	581.16	581.21	581.28						
21-31 Jul	581.09	581.12	581.18	581.13	581.12	581.18	581.12	581.03	581.09	580.94	581.13	580.92	0151/10	581.82	1626/16	580.04	
1-10 Aug		580.95	581.06	581.10	581.20	581.08	580.89	580.94	580.97	580.99	580.94						
11-20 Aug		580.95	580.95	580.82	580.80	580.62	580.61	580.78	580.84	580.95	580.91						
21-31 Aug	580.85	580.84	580.77	580.68	580.77	580.79	580.80	580.92	580.60	580.34	580.66	580.72	0600/5	581.46	0327/29	579.92	
1-10 Sep		580.41	580.66	580.93	580.64	580.41	580.63	580.63	580.62	580.41	580.22						
11-20 Sep		580.58	580.62	580.69	580.50	580.36	580.26	580.29	580.30	580.41	580.21						
21-30 Sep	580.38	580.12	580.13	579.95	580.43	580.19	580.16	580.01	580.16	580.31	580.30		1830/3	581.52	1628/23	579.00	
1-10 Oct		580.24	580.15	580.11	580.28	580.08	579.88	580.06	580.08	579.99	580.00						
11-20 Oct		580.15	580.21	579.75	579.99	579.98	579.77	579.71	579.78	579.90	579.87						
21-31 Oct	579.89	579.83	579.76	579.86	579.67	579.54	579.47	579.53	579.79	580.06	579.84	579.34	1927/4	580.78	1616/31	578.94	
1-10 Nov		579.62	579.67	579.65	579.35	579.41	579.51	579.24	579.26	579.60	579.15						
11-20 Nov		579.40	579.26	579.21	579.46	579.35	579.29	579.54	579.36	579.23	579.22						
21-30 Nov	579.31	578.87	578.90	579.17	579.25	579.29	579.08	579.04	579.18	579.34	579.34		0700/17	580.08	1603/26	578.40	
1-10 Dec		579.40	579.31	579.60	579.56	579.58	579.61	579.25	579.47	579.55	579.81						
11-20 Dec		579.92	579.85	579.66	580.00	579.87	579.72	579.62	579.65	579.63	579.45						
21-31 Dec	579.70	579.32	579.83	579.83	579.96	579.94	579.82	579.85	579.87	579.69	579.98	580.04	1557/11	580.48	1302/7	578.92	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 6070: SW Pier above locks, Sault Ste Marie, Michigan on St Marys River

1976 YEARLY MEAN ELEVATION: 600.62 FEET

HIGHEST
Monthly mean elevation: 601.18 Jul 1976
Daily mean elevation: 601.51 23 Sep 1976
Instant/hourly Elevation: 602.54 1358/11 Aug 1976

LOWEST
Monthly mean elevation: 599.76 Dec 1976
Daily mean elevation: 599.32 18 Dec 1976
Instant/hourly Elevation: 598.52 1841/9 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.26	14 Jan
600.73	1 Feb
600.50	7 Mar
601.11	22 Apr
601.32	3 May
601.25	30 Jun
601.42	12 Jul
601.38	28 Aug
601.51	23 Sep
601.11	13 Oct
600.79	13 Nov
600.37	1 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.15	25 Jan
599.98	14 Feb
599.82	2 Mar
600.23	14 Apr
600.73	28 May
600.47	12 Jun
600.86	9 Jul
600.91	10 Aug
600.61	30 Sep
600.38	4 Oct
599.91	25 Nov
599.32	18 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.40							1		1				601.40	2
601.20	1				1	1	12	7	3				601.20	27
601.00	1			4	11	6	17	15	5	2			601.00	88
600.80	5			4	14	16	1	9	16	3			600.80	196
600.60	4	1		6	5	6			5	10	3		600.60	196
600.40	9	5	5	12		1				14	12		600.40	254
600.20	7	10	4	4						2	12	4	600.20	297
600.00	4	12	13								2	5	600.00	373
599.80		1	9								1	3	599.80	347
599.60												8	599.60	355
599.40												8	599.40	363
599.20												3	599.20	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 6070: SW Pier above locks, Sault Ste Marie, Michigan on St Marys River

		Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			600.63	600.36	601.09	600.88	600.59	600.86	600.92	600.92	600.82	600.47						
11-20 Jan			600.39	600.17	600.73	601.26	600.39	600.76	600.49	600.19	600.46	600.60						
21-31 Jan	600.56		600.76	600.53	600.21	600.19	600.15	600.47	600.46	600.32	600.48	600.35	600.35	2223/14	601.74	0852/2	599.14	
1-10 Feb			600.73	600.54	600.39	600.54	600.40	600.53	600.29	600.46	600.01	600.31						
11-20 Feb			600.37	600.06	600.50	599.98	600.18	600.14	600.14	600.22	600.30	600.14						
21-29 Feb	600.27		600.31	600.29	600.02	600.13	600.13	600.14	600.16	600.14	600.30			0620/1	601.80	1500/14	599.30	
1-10 Mar			600.05	599.82	600.05	600.14	600.26	600.20	600.50	600.17	600.13	600.23						
11-20 Mar			600.00	600.03	600.23	600.36	600.15	600.42	600.11	599.97	599.99	599.96						
21-31 Mar	600.13		600.46	600.02	599.97	600.05	600.13	599.94	600.43	599.97	599.86	600.08	600.41	1028/27	601.36	2250/24	598.98	
1-10 Apr			600.50	600.38	600.45	600.44	600.46	600.54	600.63	600.51	600.37	600.57						
11-20 Apr			600.66	600.51	600.48	600.23	600.53	600.40	600.45	600.50	600.70	600.71						
21-30 Apr	600.65		600.68	601.11	600.94	600.89	600.94	601.01	601.10	601.04	600.89	600.78		1458/24	601.90	1858/14	599.22	
1-10 May			600.93	601.06	601.32	600.77	601.13	600.89	601.01	600.81	600.84	600.87						
11-20 May			601.11	600.85	600.75	600.85	600.74	601.03	601.11	601.06	600.87	600.98						
21-31 May	600.93		601.08	601.01	601.02	601.02	600.92	600.82	600.76	600.73	600.84	600.81	600.92	1148/21	601.78	2225/4	599.98	
1-10 Jun			600.92	600.89	600.86	600.84	600.79	600.84	600.84	600.83	600.72	600.75						
11-20 Jun			600.99	600.47	600.66	600.75	600.78	601.10	600.82	600.87	601.04	601.01						
21-30 Jun	600.91		600.93	601.00	600.95	601.00	600.98	601.11	601.04	600.99	601.16	601.25		0852/11	601.95	0504/13	599.16	
1-10 Jul			601.34	601.28	601.26	601.22	601.11	601.05	601.17	601.12	600.86	601.07						
11-20 Jul			601.34	601.42	601.18	601.04	601.13	601.37	601.28	601.15	601.04	601.24						
21-31 Jul	601.18		601.21	601.02	601.15	601.24	601.02	601.13	601.24	601.06	601.18	601.15	601.37	0737/20	602.25	0813/14	599.72	
1-10 Aug			601.36	601.18	601.12	601.12	601.28	601.19	601.13	601.17	601.10	600.91						
11-20 Aug			601.02	601.16	601.30	601.22	601.25	601.20	601.11	600.93	600.94	601.01						
21-31 Aug	601.11		600.94	601.18	601.14	600.96	600.93	600.91	600.92	601.38	601.30	600.95	601.10	1358/11	602.54	1615/10	599.07	
1-10 Sep			601.27	600.85	600.85	601.25	601.06	600.75	600.83	600.91	601.17	601.18						
11-20 Sep			600.95	600.78	600.76	601.09	600.98	600.91	600.97	600.91	600.98	600.93						
21-30 Sep	600.97		601.34	600.87	601.51	601.05	600.86	600.76	600.91	600.81	600.93	600.61		1018/23	602.44	0346/3	599.94	
1-10 Oct			600.63	600.81	600.59	600.38	600.77	600.92	600.71	600.55	600.66	600.61						
11-20 Oct			600.39	600.55	601.11	600.42	600.96	600.75	600.76	600.60	600.49	600.49						
21-31 Oct	600.64		600.76	601.04	600.68	600.55	600.56	600.50	600.45	600.63	600.45	600.45	600.50	1630/13	601.90	2204/14	598.76	
1-10 Nov			600.26	600.50	600.52	600.44	600.39	600.71	600.57	600.24	600.26	600.45						
11-20 Nov			600.43	600.58	600.79	600.48	600.32	600.20	600.29	600.32	600.43	600.16						
21-30 Nov	600.39		600.47	600.75	600.53	600.24	599.91	600.26	600.21	600.42	600.32	600.34		1322/2	601.38	0126/9	599.36	
1-10 Dec			600.37	600.21	599.72	599.85	600.06	600.09	600.06	600.30	599.44	600.23						
11-20 Dec			599.58	600.08	599.37	599.66	599.54	599.53	599.91	599.32	599.74	600.03						
21-31 Dec	599.76		599.64	599.58	599.82	599.42	599.69	599.65	599.38	599.64	599.48	599.51	599.77	2242/10	601.62	1841/9	598.52	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7023: Ludington, Michigan on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.82 FEET

HIGHEST
Monthly mean elevation: 580.74 Jun 1976
Daily mean elevation: 580.88 13 Jun 1976
Instant/hourly Elevation: 581.20 0600/13 Jun 1976

LOWEST
Monthly mean elevation: 578.61 Dec 1976
Daily mean elevation: 578.28 23 Dec 1976
Instant/hourly Elevation: 578.04 0900/12 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.71	2 Jan
579.55	18 Feb
580.36	30 Mar
580.49	25 Apr
580.79	30 May
580.88	13 Jun
580.75	9 Jul
580.54	12 Aug
580.12	1 Sep
579.80	2 Oct
579.25	23 Nov
579.29	1 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.00	15 Jan
579.08	8 Feb
579.41	7 Mar
580.02	2 Apr
580.25	3 May
580.63	7 Jun
580.41	18 Jul
580.07	29 Aug
579.55	29 Sep
578.79	29 Oct
578.52	14 Nov
578.28	23 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.80						6							580.80	6
580.60					10	24	20						580.60	60
580.40					18		9						580.40	98
580.20			1	13	3			9					580.20	134
580.00			2	15				3					580.00	163
579.80			11						12				579.80	186
579.60			11						7	11			579.60	216
579.40	1		11						2	5			579.40	246
579.20	7	10	6										579.20	292
579.00	21	11								10			579.00	323
578.80	1	8								3	11	8	578.80	337
578.60										1	12		578.60	342
578.40											3	1	578.40	349
578.20											1	15	578.20	364

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7023: Ludington, Michigan on Lake Michigan

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		579.56	579.71	579.47	579.33	579.31	579.25	579.34	579.26	579.21	579.24						
11-20 Jan		579.60	579.51	579.40	579.13	579.00	579.35	579.28	579.36	579.35	579.36						
21-31 Jan	579.35	579.25	579.22	579.35	579.50	579.46	579.54	579.34	579.39	579.21	579.35	579.37	0500/28	580.32	0400/15	578.78	
1-10 Feb		579.19	579.15	579.20	579.22	579.22	579.25	579.18	579.08	579.17	579.33						
11-20 Feb		579.21	579.25	579.19	579.17	579.42	579.28	579.41	579.55	579.37	579.32						
21-29 Feb	579.31	579.48	579.41	579.36	579.32	579.49	579.46	579.43	579.47	579.50			1600/18	579.81	1500/8	578.90	
1-10 Mar		579.52	579.89	579.97	579.76	579.94	579.68	579.41	579.48	579.64	579.70						
11-20 Mar		579.60	579.99	579.89	579.70	579.55	579.68	579.55	579.74	579.82	579.81						
21-31 Mar	579.79	579.65	579.66	579.70	579.81	579.75	579.99	579.95	579.86	580.17	580.36	580.13	2000/30	580.57	0400/1	579.23	
1-10 Apr		580.10	580.02	580.14	580.20	580.02	580.10	580.13	580.11	580.11	580.05						
11-20 Apr		580.08	580.05	580.03	580.23	580.18	580.26	580.30	580.31	580.24	580.30						
21-30 Apr	580.21	580.45	580.32	580.15	580.40	580.49	580.34	580.25	580.30	580.29	580.40		1900/21	580.81	0100/3	579.86	
1-10 May		580.41	580.42	580.25	580.28	580.42	580.48	580.50	580.39	580.51	580.58						
11-20 May		580.46	580.46	580.58	580.63	580.60	580.77	580.52	580.54	580.54	580.58						
21-31 May	580.55	580.52	580.56	580.61	580.60	580.62	580.64	580.63	580.72	580.76	580.79	580.79	0900/16	580.96	2300/3	580.04	
1-10 Jun		580.75	580.74	580.73	580.70	580.77	580.70	580.63	580.66	580.72	580.70						
11-20 Jun		580.68	580.81	580.88	580.72	580.81	580.70	580.75	580.86	580.69	580.66						
21-30 Jun	580.74	580.75	580.70	580.74	580.79	580.75	580.71	580.78	580.81	580.82	580.76		0600/13	581.20	0700/14	580.49	
1-10 Jul		580.66	580.67	580.74	580.71	580.69	580.69	580.73	580.71	580.75	580.65						
11-20 Jul		580.57	580.52	580.53	580.65	580.66	580.53	580.45	580.41	/	/						
21-31 Jul	580.63	580.66	580.71	580.70	580.62	580.68	580.62	580.60	580.65	580.67	580.56	580.59	1300/19	581.12	2400/31	580.30	
1-10 Aug		580.52	580.48	580.38	580.37	580.45	580.46	580.39	580.34	580.38	580.40						
11-20 Aug		580.46	580.54	580.46	580.51	580.42	580.30	580.29	580.32	580.32	580.30						
21-31 Aug	580.36	580.32	580.31	580.32	580.33	580.30	580.33	580.37	580.25	580.07	580.15	580.18	1500/10	580.75	1400/29	579.93	
1-10 Sep		580.12	580.08	580.06	580.03	579.96	580.00	580.01	580.01	580.02	579.81						
11-20 Sep		579.91	579.94	579.91	579.97	580.02	580.01	579.91	579.84	579.84	579.92						
21-30 Sep	579.88	579.79	579.66	579.70	579.60	579.75	579.86	579.80	579.65	579.55	579.73		0200/1	580.28	0300/24	579.44	
1-10 Oct		579.73	579.80	579.78	579.80	579.79	579.63	579.63	579.68	579.67	579.53						
11-20 Oct		579.64	579.67	579.52	579.37	579.49	579.28	579.40	579.39	579.49	579.53						
21-31 Oct	579.44	579.33	579.01	579.05	579.37	579.29	579.29	579.27	578.98	578.79	579.18	579.30	1200/5	580.00	1000/29	578.68	
1-10 Nov		579.14	579.21	579.05	579.24	579.20	578.94	578.88	578.96	579.04	578.87						
11-20 Nov		578.77	578.86	578.68	578.52	578.81	578.82	578.83	579.01	579.06	578.86						
21-30 Nov	578.96	578.86	579.15	579.25	579.02	578.89	578.79	578.84	579.13	579.11	579.12		1900/4	579.40	1200/14	578.38	
1-10 Dec		579.29	579.18	579.11	579.03	579.04	579.07	579.05	579.10	579.01	578.79						
11-20 Dec		578.40	578.34	578.41	578.37	578.32	578.58	578.39	578.40	578.60	578.44						
21-31 Dec	578.61	578.40	578.37	578.28	578.28	578.35	578.32	578.35	578.45	578.40	578.42	578.37	1400/1	579.35	0900/12	578.04	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7031: Holland, Michigan on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.73 FEET

HIGHEST
Monthly mean elevation: 580.56 Jun 1976
Daily mean elevation: 580.72 30 Jun 1976
Instant/hourly Elevation: 580.96 0550/13 Jun 1976

LOWEST
Monthly mean elevation: 578.36 Dec 1976
Daily mean elevation: 578.00 24 Dec 1976
Instant/hourly Elevation: 577.72 1510/24 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.60	11 Jan
579.58	29 Feb
580.11	30 Mar
580.62	25 Apr
580.68	16 May
580.72	30 Jun
580.69	31 Jul
580.60	14 Aug
580.28	1 Sep
579.87	5 Oct
579.35	4 Nov
578.64	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.87	15 Jan
579.06	3 Feb
579.45	7 Mar
579.88	12 Apr
580.10	4 May
580.45	7 Jun
580.38	17 Jul
580.03	30 Aug
579.47	29 Sep
578.65	29 Oct
578.41	23 Nov
578.00	24 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.60				1	5	9	9						580.60	24
580.40				2	16	21	21	7					580.40	91
580.20				5	8		1	19	1				580.20	125
580.00			1	16	2			5					580.00	149
579.80			9	6					20	1			579.80	185
579.60			8						7	8			579.60	208
579.40	10	5	13						2	8			579.40	246
579.20	14	11								8	1		579.20	280
579.00	4	9								4	7		579.00	304
578.80	2									1	8		578.80	315
578.60										1	7	2	578.60	325
578.40											7	9	578.40	341
578.20												16	578.20	357
578.00												3	578.00	360
577.80												1	577.80	361

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7031: Holland, Michigan on Lake Michigan

		Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			/	579.51	579.48	579.35	579.04	578.96	579.47	579.20	579.21	579.21					
11-20 Jan			579.60	579.24	579.40	579.12	578.87	579.45	579.31	579.20	579.22	579.32					
21-31 Jan	579.32		579.39	579.37	579.38	579.54	579.50	579.56	579.46	579.24	579.35	579.42	579.26	1625/11	579.87	1640/15	578.61
1-10 Feb			579.52	579.17	579.06	579.34	579.20	579.29	579.09	579.20	579.07	579.34					
11-20 Feb			579.20	579.17	579.38	579.20	579.37	579.38	579.40	/	579.26	579.29					
21-29 Feb	579.31		/	/	579.26	579.38	579.45	/	579.51	579.54	579.58			1230/1	580.22	1540/12	578.83
1-10 Mar			579.52	579.86	580.00	579.81	579.82	579.63	579.45	579.45	579.58	579.65					
11-20 Mar			579.51	579.84	579.98	579.60	579.53	579.67	579.46	579.56	579.64	579.52					
21-31 Mar	579.69		579.69	579.51	579.45	579.51	579.61	579.69	579.93	579.70	580.00	580.11	579.99	0207/13	580.74	1849/7	579.27
1-10 Apr			580.05	579.91	580.19	580.21	579.90	580.05	580.14	580.03	579.99	579.99					
11-20 Apr			580.25	579.88	579.94	580.06	580.03	580.09	580.10	580.12	580.07	580.20					
21-30 Apr	580.14		580.36	580.19	580.13	580.44	580.62	580.41	580.22	580.20	580.19	580.22		0958/25	580.90	1730/12	579.64
1-10 May			580.31	580.38	580.16	580.10	580.31	580.46	580.43	580.25	580.39	580.35					
11-20 May			580.43	580.35	580.47	580.50	580.52	580.68	580.54	580.43	580.40	580.42					
21-31 May	580.46		580.47	580.46	580.60	580.58	580.53	580.53	580.51	580.62	580.68	580.68	580.67	1420/16	580.83	1237/4	579.88
1-10 Jun			580.67	580.64	580.61	580.60	580.66	580.56	580.45	580.45	580.49	580.48					
11-20 Jun			580.48	580.54	580.62	580.57	580.52	580.52	580.56	580.64	580.50	580.47					
21-30 Jun	580.56		580.55	580.52	580.58	580.63	580.52	580.48	580.56	580.60	580.69	580.72		0550/13	580.96	0540/26	580.25
1-10 Jul			580.52	580.52	580.66	580.60	580.59	580.55	580.59	580.62	580.53	580.66					
11-20 Jul			580.66	580.55	580.45	580.55	580.58	580.51	580.38	580.46	580.43	580.42					
21-31 Jul	580.56		580.64	580.61	580.55	580.55	580.57	580.48	580.51	580.62	580.66	580.50	580.69	0608/31	580.92	0505/20	580.15
1-10 Aug			580.49	580.46	580.28	580.22	580.42	580.53	580.39	580.32	580.34	580.31					
11-20 Aug			580.34	580.38	580.49	580.60	580.46	580.26	580.25	580.26	580.22	580.24					
21-31 Aug	580.30		580.25	580.22	580.31	580.28	580.22	580.21	580.16	580.20	580.04	580.03	580.13	1430/14	580.73	2027/29	579.91
1-10 Sep			580.28	580.00	579.86	579.95	579.91	579.83	579.85	579.87	579.98	579.72					
11-20 Sep			579.81	579.87	579.77	579.91	579.99	579.96	579.88	579.77	579.78	579.95					
21-30 Sep	579.84		579.83	579.65	579.84	579.64	579.85	579.90	579.86	579.57	579.47	579.71		0630/1	580.46	1300/29	579.34
1-10 Oct			579.64	579.77	579.75	579.68	579.87	579.68	579.68	579.61	579.65	579.50					
11-20 Oct			579.59	579.56	579.50	579.17	579.51	579.27	579.40	579.30	579.41	579.44					
21-31 Oct	579.42		579.40	579.09	579.09	579.44	579.30	579.36	579.27	578.83	578.65	579.11	579.37	1115/5	580.24	1000/29	578.47
1-10 Nov			579.06	579.08	579.03	579.35	579.14	578.98	579.06	578.96	579.08	579.04					
11-20 Nov			578.88	578.96	578.70	578.55	578.82	578.74	578.66	578.62	578.55	578.78					
21-30 Nov	578.83		578.91	578.56	578.41	578.64	578.69	578.96	578.87	578.59	578.59	578.52		2225/4	579.55	1710/18	578.19
1-10 Dec			578.35	578.53	578.33	578.64	578.39	578.55	578.49	578.42	578.29	578.54					
11-20 Dec			578.01	578.35	578.28	578.01	578.17	578.47	578.34	578.23	578.51	578.63					
21-31 Dec	578.36		578.42	578.25	578.40	578.00	578.30	578.38	578.25	578.52	578.35	578.38	578.37	0045/7	578.89	1510/24	577.72

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7044: Calumet Harbor, Illinois on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.80 FEET

HIGHEST
Monthly mean elevation: 580.63 Jun 1976
Daily mean elevation: 581.47 25 Apr 1976
Instant/hourly Elevation: 582.00 0900/25 Apr 1976

LOWEST
Monthly mean elevation: 578.39 Dec 1976
Daily mean elevation: 577.57 14 Dec 1976
Instant/hourly Elevation: 577.11 1000/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.80	7 Jan
580.24	21 Feb
580.21	2 Mar
581.47	25 Apr
580.87	6 May
580.99	30 Jun
581.01	31 Jul
580.88	6 Aug
580.59	1 Sep
580.20	6 Oct
579.61	4 Nov
579.05	20 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.65	19 Jan
578.53	7 Feb
579.33	6 Mar
579.96	13 Apr
580.00	4 May
580.38	14 Jun
580.28	20 Jul
580.01	31 Aug
579.52	29 Sep
578.47	29 Oct
578.34	30 Nov
577.57	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
581.40				1									581.40	1
581.20													581.20	1
581.00				1			1						581.00	3
580.80					3	5		3					580.80	14
580.60				2	15	10	20	3					580.60	64
580.40				1	6	13	8	9	1				580.40	102
580.20			1	11	5	2	2	12	5				580.20	141
580.00			3	12	1			4	5	2			580.00	168
579.80			8	2	1				13	5			579.80	197
579.60	4	2	8						5	8	1		579.60	225
579.40	9	7	7						1	7			579.40	256
579.20	3	8	4							4	1		579.20	276
579.00	9	6								3	7	1	579.00	302
578.80	3	3									8	2	578.80	318
578.60	3	1									4	2	578.60	328
578.40		1								2	6	11	578.40	348
578.20											3	9	578.20	360
578.00												3	578.00	363
577.80												1	577.80	364
577.60												1	577.60	365
577.40												1	577.40	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7044: Calumet Harbor, Illinois on Lake Michigan

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		579.63	579.15	579.12	579.32	578.75	578.67	579.80	579.09	579.03	579.13					
11-20 Jan		579.51	579.08	579.48	579.03	578.85	579.68	579.60	579.00	578.65	579.02					
21-31 Jan	579.26	579.53	579.46	579.48	579.53	579.66	579.55	579.31	578.95	579.32	579.52	579.02	0500/21	580.15	2400/18	577.96
1-10 Feb		579.73	579.20	578.83	579.45	579.48	579.29	578.53	579.00	578.71	579.23					
11-20 Feb		579.19	578.82	579.29	579.18	579.07	579.39	579.42	579.40	579.23	579.39					
21-29 Feb	579.29	580.24	579.78	579.06	579.17	579.35	579.45	579.48	579.47	579.51			1200/1	581.11	1700/7	577.75
1-10 Mar		579.91	580.21	580.12	579.86	579.34	579.33	579.43	579.55	579.66	579.76					
11-20 Mar		579.67	579.73	579.99	579.56	579.68	579.93	579.59	579.49	579.54	579.49					
21-31 Mar	579.72	579.84	579.62	579.39	579.34	579.68	579.71	580.02	579.93	580.18	579.91	579.98	0100/27	580.92	0800/5	578.37
1-10 Apr		580.15	580.03	580.38	580.51	579.99	580.14	580.34	580.29	580.11	580.06					
11-20 Apr		580.75	580.10	579.96	580.02	580.03	580.07	580.14	580.13	580.14	580.40					
21-30 Apr	580.31	580.40	580.23	580.36	581.01	581.47	580.77	580.37	580.31	580.28	580.31		0900/25	582.00	2000/15	579.38
1-10 May		580.37	580.45	580.21	580.00	580.09	580.87	580.65	580.23	580.33	580.31					
11-20 May		580.63	580.53	580.55	580.56	580.82	580.77	580.77	580.62	580.41	580.52					
21-31 May	580.57	580.62	580.70	580.82	580.80	580.68	580.63	580.67	580.76	580.79	580.79	580.79	2000/5	581.44	0600/5	579.47
1-10 Jun		580.86	580.87	580.84	580.83	580.80	580.71	580.55	580.56	580.56	580.45					
11-20 Jun		580.53	580.69	580.68	580.38	580.44	580.44	580.59	580.67	580.54	580.56					
21-30 Jun	580.63	580.61	580.63	580.69	580.74	580.52	580.39	580.57	580.46	580.79	580.99		0100/30	581.33	0800/14	579.67
1-10 Jul		580.65	580.62	580.77	580.80	580.75	580.62	580.64	580.71	580.55	580.56					
11-20 Jul		580.67	580.74	580.61	580.64	580.63	580.71	580.50	580.52	580.34	580.28					
21-31 Jul	580.63	580.76	580.72	580.60	580.63	580.65	580.42	580.49	580.67	580.76	580.59	581.01	1200/31	581.53	0200/20	579.87
1-10 Aug		580.82	580.74	580.46	580.28	580.57	580.88	580.70	580.51	580.47	580.39					
11-20 Aug		580.32	580.28	580.51	580.84	580.69	580.49	580.49	580.39	580.32	580.29					
21-31 Aug	580.42	580.29	580.25	580.46	580.44	580.32	580.24	580.06	580.20	580.30	580.15	580.01	2200/5	581.22	1400/10	579.78
1-10 Sep		580.59	580.29	579.77	579.95	580.12	579.97	579.82	579.90	580.19	579.97					
11-20 Sep		579.86	579.86	579.74	579.93	580.26	580.26	580.13	579.91	579.98	580.24					
21-30 Sep	579.99	580.15	579.84	579.97	579.72	579.97	580.09	580.22	579.74	579.52	579.79		1100/1	580.90	0700/29	579.34
1-10 Oct		579.75	579.92	579.93	579.71	580.19	580.20	579.97	579.83	579.83	579.63					
11-20 Oct		579.53	579.40	579.48	579.05	579.46	579.58	579.76	579.46	579.52	579.60					
21-31 Oct	579.53	579.30	579.02	579.18	579.66	579.63	579.75	579.39	578.51	578.47	579.21	579.64	0100/6	580.55	1600/28	578.03
1-10 Nov		579.13	578.93	579.05	579.61	579.03	578.81	579.22	578.97	578.95	579.07					
11-20 Nov		579.00	579.02	578.61	578.48	578.83	578.66	578.41	578.55	578.58	578.87					
21-30 Nov	578.81	579.03	578.60	578.40	578.52	578.61	579.16	578.98	578.63	578.39	578.34		2100/4	579.96	1200/17	578.09
1-10 Dec		578.25	578.81	578.43	578.74	578.54	578.72	578.81	578.56	578.18	578.36					
11-20 Dec		578.09	578.43	578.28	577.57	578.20	578.49	578.46	578.32	578.53	579.05					
21-31 Dec	578.39	578.52	577.87	578.25	577.76	578.36	578.50	578.33	578.57	578.34	578.56	578.33	1900/12	579.25	1000/14	577.11

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7057: Milwaukee, Wisconsin on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.78 FEET

HIGHEST
Monthly mean elevation: 580.62 Jun 1976
Daily mean elevation: 580.99 25 Apr 1976
Instant/hourly Elevation: 581.53 0700/25 Apr 1976

LOWEST
Monthly mean elevation: 578.38 Dec 1976
Daily mean elevation: 578.00 14 Dec 1976
Instant/hourly Elevation: 572.73 0500/29 May 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.66	1 Jan
579.87	21 Feb
580.25	30 Mar
580.99	25 Apr
580.74	16 May
580.74	23 Jun
580.73	3 Jul
580.71	14 Aug
580.34	1 Sep
579.88	5 Oct
579.38	4 Nov
578.69	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.00	14 Jan
578.87	7 Feb
579.37	6 Mar
580.00	2 Apr
580.17	3 May
580.49	10 Jun
580.41	20 Jul
580.09	28 Aug
579.52	29 Sep
578.66	29 Oct
578.36	30 Nov
578.00	14 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.80				2									580.80	2
580.60					9	17	19	4					580.60	51
580.40				3	17	13	12	10					580.40	106
580.20			2	11	3			12	2				580.20	176
580.00			2	13	2			5	6				580.00	164
579.80		1	8	1					18	5			579.80	197
579.60	1		11						3	6			579.60	218
579.40	9	7	6						1	8			579.40	249
579.20	10	11	2							7	1		579.20	280
579.00	10	8								2	6		579.00	306
578.80	1	2								1	10		578.80	320
578.60										2	3	5	578.60	370
578.40											8	8	578.40	346
578.20											2	12	578.20	360
578.00												5	578.00	365
577.80												1	577.80	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7057: Milwaukee, Wisconsin on Lake Michigan

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		579.66	579.42	579.21	579.25	579.03	579.05	579.43	579.04	579.05	579.34					
11-20 Jan		579.51	579.27	579.30	579.00	579.08	579.41	579.33	579.18	579.06	579.17					
21-31 Jan	579.28	579.23	579.28	579.51	579.53	579.58	579.41	579.25	579.16	579.22	579.44	579.14	2400/25	579.91	2300/5	578.63
1-10 Feb		579.40	579.14	579.03	579.21	579.33	579.12	578.87	579.05	579.00	579.28					
11-20 Feb		579.12	579.09	579.16	579.17	579.27	579.35	579.41	579.43	579.27	579.34					
21-29 Feb	579.29	579.87	579.50	579.25	579.30	579.47	579.39	579.45	579.51	579.54			1700/21	580.31	1500/7	578.42
1-10 Mar		579.85	580.14	579.97	579.97	579.59	579.37	579.37	579.48	579.68	579.70					
11-20 Mar		579.70	579.98	579.89	579.57	579.59	579.70	579.59	579.72	579.76	579.67					
21-31 Mar	579.77	579.67	579.63	579.56	579.63	579.73	579.89	579.91	579.93	580.22	580.25	580.04	0800/30	580.67	0800/5	578.82
1-10 Apr		580.08	580.00	580.35	580.30	580.01	580.11	580.18	580.12	580.08	580.12					
11-20 Apr		580.44	580.04	580.04	580.18	580.12	580.21	580.25	580.18	580.16	580.31					
21-30 Apr	580.26	580.52	580.24	580.27	580.85	580.99	580.53	580.30	580.31	580.29	580.35		0700/25	581.53	2000/15	579.66
1-10 May		580.36	580.42	580.17	580.17	580.34	580.56	580.54	580.34	580.48	580.46					
11-20 May		580.46	580.44	580.57	580.57	580.68	580.74	580.58	580.57	580.50	580.55					
21-31 May	580.52	580.48	580.54	580.65	580.66	580.62	580.61	580.61	580.72	580.68	580.51	580.51	1600/16	580.95	0500/29	572.73
1-10 Jun		580.60	580.69	580.67	580.67	580.69	580.64	580.62	580.59	580.59	580.49					
11-20 Jun		580.52	580.67	580.63	580.57	580.58	580.53	580.64	580.71	580.51	580.54					
21-30 Jun	580.62	580.62	580.63	580.74	580.74	580.56	580.50	580.62	580.59	580.70	580.70		0600/13	581.23	0400/14	580.00
1-10 Jul		580.61	580.65	580.73	580.70	580.69	580.65	580.67	580.65	580.62	580.67					
11-20 Jul		580.62	580.59	580.56	580.65	580.66	580.55	580.47	580.54	580.45	580.41					
21-31 Jul	580.61	580.62	580.65	580.60	580.52	580.64	580.47	580.50	580.68	580.68	580.56	580.73	1400/31	581.04	0200/20	580.20
1-10 Aug		580.65	580.63	580.45	580.36	580.51	580.64	580.51	580.45	580.46	580.45					
11-20 Aug		580.43	580.40	580.47	580.71	580.59	580.41	580.40	580.40	580.30	580.27					
21-31 Aug	580.38	580.27	580.23	580.34	580.35	580.31	580.30	580.19	580.09	580.10	580.14	580.11	2300/5	580.96	0700/28	579.83
1-10 Sep		580.34	580.22	579.93	579.94	580.05	580.00	579.90	579.95	580.03	579.83					
11-20 Sep		579.91	579.95	579.83	579.93	580.06	580.14	580.03	579.91	579.94	580.06					
21-30 Sep	579.94	579.96	579.84	579.89	579.72	579.91	579.98	579.97	579.73	579.52	579.75		1900/1	580.57	0800/29	579.34
1-10 Oct		579.73	579.81	579.85	579.79	579.88	579.80	579.83	579.82	579.77	579.61					
11-20 Oct		579.69	579.58	579.39	579.27	579.33	579.36	579.53	579.45	579.56	579.50					
21-31 Oct	579.47	579.16	578.96	579.21	579.57	579.41	579.55	579.36	578.68	578.66	579.18	579.38	1100/5	580.11	2200/28	578.41
1-10 Nov		579.12	579.06	579.02	579.38	579.04	578.87	578.98	579.01	578.99	579.00					
11-20 Nov		578.88	578.90	578.56	578.52	578.82	578.74	578.57	578.60	578.54	578.84					
21-30 Nov	578.79	578.87	578.46	578.39	578.67	578.85	579.07	578.76	578.51	578.42	578.36		2100/4	579.58	1700/18	578.03
1-10 Dec		578.30	578.64	578.53	578.69	578.55	578.65	578.59	578.46	578.44	578.51					
11-20 Dec		578.07	578.27	578.31	578.00	578.25	578.46	578.36	578.38	578.62	578.66					
21-31 Dec	578.38	578.40	578.16	578.20	578.11	578.30	578.34	578.34	578.42	578.31	578.37	578.15	1200/6	578.91	1600/11	577.77

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7068: Kewaunee, Wisconsin on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.68 FEET

HIGHEST
Monthly mean elevation: 580.52 Jul 1976
Daily mean elevation: 580.68 30 May 1976
Instant/hourly Elevation: 580.99 0900/13 Jun 1976

LOWEST
Monthly mean elevation: 578.34 Dec 1976
Daily mean elevation: 578.10 31 Dec 1976
Instant/hourly Elevation: 577.93 2300/14 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.62	2 Jan
579.41	18 Feb
580.27	30 Mar
580.43	21 Apr
580.68	30 May
580.63	5 Jun
580.65	9 Jul
580.51	1 Aug
580.19	2 Sep
579.75	3 Oct
579.18	4 Nov
578.65	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.88	14 Jan
578.89	8 Feb
579.22	7 Mar
579.91	10 Apr
580.13	3 May
580.34	16 Jun
580.34	20 Jul
579.92	29 Aug
579.43	29 Sep
578.67	29 Oct
578.32	30 Nov
578.10	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.60					4	2	6						580.60	12
580.40				2	16	26	22	5					580.40	83
580.20			1	3	10	2	3	16					580.20	118
580.00			1	18	1			9	2				580.00	149
579.80			5	7				1	14				579.80	176
579.60	1		11						13	9			579.60	210
579.40	4	2	10						1	4			579.40	231
579.20	6	12	3							12			579.20	264
579.00	17	11								3	5		579.00	300
578.80	3	4								2	5		578.80	314
578.60										1	12	1	578.60	328
578.40											6	10	578.40	344
578.20											2	15	578.20	361
578.00												5	578.00	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7068: Kewaunee, Wisconsin on Lake Michigan

	Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		579.59	579.62	579.14	579.14	579.18	579.05	579.11	579.01	578.95	579.19						
11-20 Jan		579.50	579.52	579.14	578.88	579.02	579.16	579.20	579.28	579.10	579.10						
21-31 Jan	579.21	578.98	579.15	579.39	579.44	579.36	579.35	579.16	579.15	579.07	579.27	579.21	0300/2	579.97	2400/16	578.62	
1-10 Feb		578.98	579.01	579.01	579.04	579.10	579.01	578.98	578.89	579.07	579.12						
11-20 Feb		579.09	579.19	578.99	579.15	579.26	579.13	579.30	579.41	579.24	579.24						
21-29 Feb	579.18	579.32	579.38	579.30	579.24	579.34	579.32	579.29	579.41	579.38			0200/22	579.82	0900/1	578.68	
1-10 Mar		579.51	580.00	579.90	579.70	579.69	579.38	579.22	579.40	579.56	579.58						
11-20 Mar		579.60	579.88	579.76	579.53	579.46	579.50	579.50	579.66	579.76	579.69						
21-31 Mar	579.68	579.50	579.60	579.63	579.67	579.63	579.87	579.76	579.75	580.09	580.27	579.97	1700/30	580.50	1000/28	578.96	
1-10 Apr		579.97	579.93	580.02	580.09	579.93	579.97	580.01	580.02	580.05	579.91						
11-20 Apr		580.08	579.99	579.97	580.15	580.08	580.19	580.19	580.19	580.09	580.15						
21-30 Apr	580.12	580.43	580.17	580.03	580.35	580.42	580.31	580.18	580.19	580.20	580.29		0300/25	580.65	1300/15	579.62	
1-10 May		580.30	580.26	580.13	580.22	580.22	580.35	580.41	580.33	580.38	580.42						
11-20 May		580.33	580.37	580.47	580.52	580.47	580.61	580.41	580.45	580.43	580.45						
21-31 May	580.43	580.39	580.45	580.48	580.48	580.50	580.52	580.51	580.56	580.63	580.68	580.65	0600/16	580.75	2000/5	579.93	
1-10 Jun		580.59	580.54	580.51	580.47	580.63	580.51	580.52	580.54	580.51	580.49						
11-20 Jun		580.37	580.62	580.58	580.44	580.46	580.34	580.41	580.60	580.42	580.48						
21-30 Jun	580.51	580.54	580.52	580.58	580.59	580.55	580.48	580.52	580.56	580.54	580.52		0900/13	580.99	1000/17	580.11	
1-10 Jul		580.60	580.57	580.62	580.57	580.61	580.62	580.59	580.56	580.65	580.65						
11-20 Jul		580.45	580.48	580.51	580.61	580.57	580.45	580.42	580.47	580.45	580.34						
21-31 Jul	580.52	580.40	580.53	580.48	580.43	580.52	580.45	580.39	580.52	580.51	580.47	580.49	2100/14	580.84	1600/30	580.18	
1-10 Aug		580.51	580.46	580.34	580.31	580.31	580.43	580.37	580.33	580.34	580.38						
11-20 Aug		580.35	580.31	580.27	580.48	580.43	580.30	580.27	580.31	580.21	580.15						
21-31 Aug	580.26	580.18	580.10	580.13	580.22	580.19	580.21	580.19	580.02	579.92	580.05	580.03	1200/1	580.60	0400/29	579.76	
1-10 Sep		580.06	580.19	579.96	579.78	579.85	579.93	579.86	579.86	579.84	579.73						
11-20 Sep		579.84	579.90	579.81	579.79	579.86	579.94	579.85	579.80	579.78	579.89						
21-30 Sep	579.81	579.76	579.72	579.65	579.61	579.73	579.82	579.75	579.62	579.43	579.64		1900/2	580.29	0900/29	579.35	
1-10 Oct		579.66	579.67	579.75	579.75	579.69	579.55	579.67	579.70	579.64	579.52						
11-20 Oct		579.67	579.54	579.28	579.30	579.23	579.23	579.38	579.33	579.45	579.38						
21-31 Oct	579.37	579.12	578.92	579.04	579.37	579.29	579.30	579.26	578.82	578.67	579.06	579.23	1400/5	579.94	0400/29	578.49	
1-10 Nov		579.15	579.09	578.93	579.18	579.11	578.78	578.79	579.02	578.98	578.88						
11-20 Nov		578.82	578.84	578.57	578.45	578.77	578.76	578.69	578.61	578.53	578.79						
21-30 Nov	578.75	578.75	578.43	578.35	578.62	578.79	578.77	578.72	578.47	578.41	578.32		0200/2	579.31	2400/30	578.25	
1-10 Dec		578.23	578.46	578.56	578.65	578.46	578.59	578.43	578.38	578.51	578.46						
11-20 Dec		578.12	578.19	578.38	578.19	578.21	578.48	578.29	578.46	578.50	578.33						
21-31 Dec	578.34	578.35	578.24	578.15	578.21	578.22	578.24	578.36	578.33	578.27	578.25	578.10	0300/10	578.85	2300/14	577.93	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7072: Sturgeon Bay Canal, Wisconsin on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.70 FEET

HIGHEST
Monthly mean elevation: 580.57 Jun 1976
Daily mean elevation: 580.72 10 Jul 1976
Instant/hourly Elevation: 580.99 0900/13 Jun 1976

LOWEST
Monthly mean elevation: 578.32 Dec 1976
Daily mean elevation: 578.09 31 Dec 1976
Instant/hourly Elevation: 577.84 0300/15 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.65	1 Jan
579.45	28 Feb
580.33	30 Mar
580.48	25 Apr
580.66	29 May
580.68	13 Jun
580.72	10 Jul
580.54	1 Aug
580.14	2 Sep
579.74	3 Oct
579.17	4 Nov
578.65	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.96	14 Jan
578.92	1 Feb
579.29	7 Mar
579.94	10 Apr
580.16	3 May
580.43	11 Jun
580.40	20 Jul
580.00	29 Aug
579.43	29 Sep
578.66	29 Oct
578.28	30 Nov
578.09	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.60					4	8	8						580.60	20
580.40				2	17	22	22	6					580.40	89
580.20			1	9	9		1	19					580.20	128
580.00			3	14	1			5	2				580.00	153
579.80			4	5				1	17				579.80	180
579.60	2		14						10	8			579.60	214
579.40	5	5	8					1	5				579.40	238
579.20	10	10	1							11			579.20	270
579.00	13	12								4	4		579.00	303
578.80	1	2								1	6		578.80	313
578.60										2	11	1	578.60	327
578.40											6	9	578.40	342
578.20											3	12	578.20	357
578.00												9	578.00	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976
Station 7072: Sturgeon Bay Canal, Wisconsin on Lake Michigan

		Monthly means	----- Daily Means -----											HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			579.65	579.63	579.26	579.20	579.23	579.05	579.14	579.07	579.01	579.25					
11-20 Jan			579.53	579.49	579.20	578.96	579.02	579.19	579.24	579.35	579.19	579.17					
21-31 Jan	579.26		579.02	579.17	579.40	579.54	579.45	579.41	579.22	579.25	579.06	579.29	579.28	2400/1	579.84	0200/15	578.62
1-10 Feb			578.92	579.08	579.10	579.05	579.17	579.08	579.06	578.92	579.20	579.13					
11-20 Feb			579.10	579.24	579.03	579.19	579.32	579.15	579.36	579.41	579.30	579.30					
21-29 Feb	579.22		579.24	579.38	579.34	579.23	579.42	579.40	579.41	579.45	579.41			0700/17	579.72	1000/1	578.58
1-10 Mar			579.60	580.00	580.02	579.70	579.79	579.44	579.29	579.45	579.64	579.64					
11-20 Mar			579.66	579.94	579.79	579.59	579.50	579.51	579.56	579.69	579.80	579.74					
21-31 Mar	579.73		579.54	579.64	579.71	579.73	579.68	579.93	579.82	579.78	580.19	580.33	580.03	0400/30	580.52	1100/7	579.10
1-10 Apr			580.01	580.00	580.08	580.11	579.95	580.01	580.06	580.05	580.07	579.94					
11-20 Apr			580.09	580.00	579.96	580.18	580.09	580.21	580.22	580.26	580.15	580.18					
21-30 Apr	580.15		580.45	580.23	580.09	580.39	580.48	580.33	580.20	580.21	580.25	580.35		0600/25	580.61	2300/15	579.71
1-10 May			580.36	580.36	580.16	580.24	580.27	580.36	580.45	580.35	580.38	580.42					
11-20 May			580.36	580.35	580.46	580.48	580.47	580.61	580.46	580.48	580.43	580.48					
21-31 May	580.45		580.41	580.49	580.53	580.49	580.51	580.51	580.53	580.58	580.66	580.66	580.64	0800/16	580.78	2000/5	579.91
1-10 Jun			580.60	580.57	580.57	580.60	580.63	580.54	580.50	580.56	580.60	580.53					
11-20 Jun			580.43	580.67	580.68	580.55	580.56	580.47	580.54	580.67	580.51	580.51					
21-30 Jun	580.57		580.57	580.56	580.62	580.61	580.59	580.51	580.58	580.61	580.59	580.61		0900/13	580.99	1500/14	580.28
1-10 Jul			580.63	580.62	580.63	580.59	580.63	580.62	580.61	580.60	580.60	580.72					
11-20 Jul			580.52	580.53	580.54	580.62	580.60	580.48	580.46	580.49	580.47	580.40					
21-31 Jul	580.55		580.47	580.59	580.58	580.49	580.58	580.47	580.44	580.55	580.55	580.51	580.53	1800/10	580.91	1900/30	580.22
1-10 Aug			580.54	580.48	580.38	580.35	580.33	580.44	580.40	580.38	580.35	580.34					
11-20 Aug			580.39	580.43	580.35	580.52	580.47	580.27	580.28	580.34	580.25	580.23					
21-31 Aug	580.30		580.23	580.17	580.17	580.26	580.25	580.24	580.23	580.04	580.00	580.12	580.08	2000/10	580.69	1900/31	579.80
1-10 Sep			580.11	580.14	579.96	579.79	579.89	579.95	579.93	579.91	579.90	579.82					
11-20 Sep			579.89	579.95	579.84	579.85	579.92	579.98	579.89	579.83	579.82	579.97					
21-30 Sep	579.84		579.76	579.73	579.64	579.61	579.70	579.79	579.76	579.63	579.43	579.69		0500/2	580.24	0500/29	579.30
1-10 Oct			579.67	579.66	579.74	579.70	579.62	579.51	579.62	579.66	579.58	579.49					
11-20 Oct			579.63	579.53	579.31	579.32	579.20	579.23	579.40	579.32	579.41	579.37					
21-31 Oct	579.35		579.12	578.90	579.01	579.36	579.22	579.29	579.22	578.72	578.66	579.03	579.22	1200/8	579.86	0100/29	578.47
1-10 Nov			579.13	579.10	578.91	579.17	579.03	578.76	578.79	578.96	578.94	578.88					
11-20 Nov			578.82	578.82	578.52	578.44	578.78	578.75	578.66	578.49	578.50	578.73					
21-30 Nov	578.72		578.74	578.41	578.33	578.62	578.75	578.79	578.73	578.42	578.38	578.28		1800/4	579.32	2300/30	578.04
1-10 Dec			578.21	578.43	578.56	578.65	578.44	578.55	578.38	578.32	578.53	578.45					
11-20 Dec			578.16	578.12	578.35	578.19	578.19	578.49	578.25	578.45	578.46	578.29					
21-31 Dec	578.32		578.32	578.21	578.10	578.19	578.19	578.17	578.28	578.32	578.28	578.23	578.09	0200/10	578.91	0300/15	577.84

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7078: Green Bay, Wisconsin on Lake Michigan (Green Bay)

1976 YEARLY MEAN ELEVATION: 579.61 FEET

HIGHEST
Monthly mean elevation: 580.56 Jun 1976
Daily mean elevation: 581.26 25 Apr 1976
Instant/hourly Elevation: 582.42 1700/30 Jul 1976

LOWEST
Monthly mean elevation: 577.82 Dec 1976
Daily mean elevation: 577.31 31 Dec 1976
Instant/hourly Elevation: 576.51 2200/23 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.67	1 Jan
579.28	18 Feb
580.37	30 Mar
581.26	25 Apr
580.85	16 May
580.91	30 Jun
580.87	31 Jul
580.87	14 Aug
580.47	1 Sep
579.86	2 Oct
579.45	4 Nov
578.33	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.73	14 Jan
578.57	1 Feb
579.13	7 Mar
579.85	12 Apr
579.89	4 May
580.14	15 Jun
580.20	19 Jul
579.98	28 Aug
579.23	29 Sep
577.95	28 Oct
577.93	23 Nov
577.31	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
581.20				1									581.20	1
581.00													581.00	1
580.80					1	1	1	1					580.80	5
580.60				2	4	10	10	1					580.60	32
580.40				1	12	16	15	5	1				580.40	82
580.20			1	4	8	2	4	13	1				580.20	115
580.00			2	14	2	1	1	10	2				580.00	147
579.80			7	8	1			1	12	1			579.80	177
579.60			8						9	10			579.60	205
579.40	1		8						3	7	1		579.40	226
579.20	2		8						2	4			579.20	249
579.00	5	8	4							4			579.00	271
579.00	5	11	1							4	1		579.00	271
578.80	12	8								1	6		578.80	298
578.60	2	1								1	8		578.60	310
578.40		1								1	4		578.40	316
578.40			1							1	3	4	578.20	324
578.20											4	6	578.00	334
578.00											1	3	577.80	339
577.80												7	577.60	346
577.60												6	577.40	352
577.40												2	577.20	354
577.20														

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7078: Green Bay, Wisconsin on Lake Michigan (Green Bay)

	Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LNW			
													Hrs/day	Elev.	Hrs/day	Elev.
1-10 Jan		579.67	579.41	578.98	578.91	578.96	578.90	578.86	578.81	578.78	579.10					
11-20 Jan		579.42	579.36	579.04	578.73	578.91	578.92	/	/	/	/					
21-31 Jan	579.08	578.87	578.93	579.34	579.39	579.27	579.25	579.00	579.18	578.85	579.13	579.12	1600/12	580.17	0400/29	577.60
1-10 Feb		578.57	578.87	578.96	578.84	579.00	578.84	578.92	578.71	579.16	579.02					
11-20 Feb		578.99	579.09	578.81	579.09	579.22	579.01	579.21	579.28	579.08	579.09					
21-29 Feb	579.05	579.12	579.10	579.13	579.11	579.24	579.26	579.23	579.26	579.23			1500/24	580.27	2400/1	577.36
1-10 Mar		579.56	580.05	579.82	579.64	579.77	579.23	579.13	579.35	579.59	579.57					
11-20 Mar		579.61	579.99	579.63	579.48	579.38	579.34	579.49	579.65	579.81	579.76					
21-31 Mar	579.67	579.42	579.55	579.55	579.63	579.71	579.92	579.83	579.81	580.14	580.37	579.99	1800/30	581.03	1700/5	577.94
1-10 Apr		579.91	579.89	580.35	580.14	579.86	579.96	580.04	580.01	579.94	580.12					
11-20 Apr		580.33	579.85	579.90	580.05	580.08	580.14	580.16	580.10	579.93	580.27					
21-30 Apr	580.17	580.61	580.06	580.14	580.80	581.26	580.56	580.15	580.15	580.12	580.24		0700/25	582.37	2400/12	579.08
1-10 May		580.26	580.36	580.04	579.89	580.35	580.51	580.38	580.16	580.31	580.33					
11-20 May		580.48	580.30	580.47	580.42	580.69	580.85	580.69	580.51	580.36	580.45					
21-31 May	580.45	580.53	580.53	580.77	580.68	580.55	580.51	580.51	580.59	/	/	/	2300/6	582.03	0900/6	579.43
1-10 Jun		580.80	580.65	580.59	580.58	580.63	580.52	580.44	580.51	580.55	580.45					
11-20 Jun		580.54	580.65	580.58	580.47	580.14	580.37	580.44	580.62	580.45	580.43					
21-30 Jun	580.56	580.56	580.59	580.62	580.67	580.36	580.51	580.69	580.65	580.71	580.91		2300/29	581.32	1800/15	579.47
1-10 Jul		580.70	580.58	580.65	580.60	580.62	580.57	580.60	580.64	580.50	580.69					
11-20 Jul		580.76	580.63	580.52	580.62	580.59	580.45	580.37	580.39	580.20	580.29					
21-31 Jul	580.55	580.54	580.60	580.50	580.52	580.57	580.34	580.46	580.74	580.62	580.44	580.87	1700/30	582.42	0700/20	579.45
1-10 Aug		580.62	580.38	580.20	580.12	580.56	580.59	580.40	580.33	580.32	580.28					
11-20 Aug		580.42	580.37	580.56	580.87	580.49	580.24	580.22	580.21	580.12	580.10					
21-31 Aug	580.29	580.14	580.20	580.30	580.28	580.23	580.21	580.09	579.98	580.02	580.01	580.17	1200/14	581.61	1600/28	579.50
1-10 Sep		580.47	580.04	579.60	579.79	579.94	579.85	579.78	579.90	580.00	579.71					
11-20 Sep		579.76	579.80	579.67	579.98	580.21	580.06	579.85	579.76	579.91	580.00					
21-30 Sep	579.82	579.84	579.61	579.58	579.49	579.89	579.85	579.94	579.37	579.23	579.62		0500/1	581.23	1100/23	578.21
1-10 Oct		579.63	579.86	579.75	579.64	579.63	579.75	579.68	579.56	579.62	579.46					
11-20 Oct		579.51	579.42	579.17	579.16	578.98	579.24	579.43	579.42	579.61	579.29					
21-31 Oct	579.32	578.76	578.58	579.10	579.61	579.44	579.62	579.05	577.95	578.36	579.30	579.29	0200/6	580.77	2400/28	577.69
1-10 Nov		579.01	578.83	578.82	579.45	578.64	578.64	578.79	578.84	578.76	578.91					
11-20 Nov		578.66	578.62	577.96	578.12	578.60	578.51	578.34	578.30	578.32	578.75					
21-30 Nov	578.56	578.77	578.10	577.93	578.50	578.82	578.96	578.56	578.09	578.07	577.99		0700/4	580.02	2300/30	576.92
1-10 Dec		578.01	578.26	578.27	578.33	578.18	578.32	578.09	578.14	/	/					
11-20 Dec		/	/	/	577.66	577.71	578.03	577.79	577.98	578.01	577.66					
21-31 Dec	577.82	577.70	577.53	577.33	577.64	577.59	577.53	577.59	577.61	577.60	577.55	577.31	0600/7	578.83	2200/23	576.51

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 7096: Port Inland, Michigan on Lake Michigan

1976 YEARLY MEAN ELEVATION: 579.64 FEET

HIGHEST
Monthly mean elevation: 580.54 Jun 1976
Daily mean elevation: 580.75 13 Jun 1976
Instant/hourly Elevation: 581.30 0107/14 Jun 1976

LOWEST
Monthly mean elevation: 578.31 Dec 1976
Daily mean elevation: 578.00 20 Dec 1976
Instant/hourly Elevation: 577.67 0020/21 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
579.85	2 Jan
579.45	23 Feb
580.24	30 Mar
580.34	30 Apr
580.53	30 May
580.75	13 Jun
580.73	10 Jul
580.38	4 Aug
580.24	3 Sep
579.69	4 Oct
579.19	2 Nov
578.67	4 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
578.78	14 Jan
578.69	1 Feb
579.08	1 Mar
579.80	3 Apr
580.04	3 May
580.40	11 Jun
580.29	12 Jul
579.78	29 Aug
579.42	29 Sep
578.88	29 Oct
578.33	23 Nov
578.00	20 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
580.60						4	3						580.60	7
580.40					11	24	18						580.40	60
580.20			1	2	16	1	10	21	1				580.20	112
580.00				14	4			8	3				580.00	141
579.80	1		6	13				1	6				579.80	168
579.60			11	1				1	12	3			579.60	196
579.40	2	1	9						8	7			579.40	223
579.20		11	3							9			579.20	253
579.00	10	13	1							9	3		579.00	289
578.80	6	3								3	6		578.80	307
578.60	1	1									11	3	578.60	323
578.40											6	6	578.40	335
578.20											4	12	578.20	351
578.00												9	578.00	360
577.80												1	577.80	361

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 7036: Port Inland, Michigan on Lake Michigan

		Monthly means	----- Daily Means -----											HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			579.35	579.85	579.18	579.14	579.46	579.19	578.99	579.07	578.95	/					
11-20 Jan			/	/	/	578.78	578.88	579.00	579.08	579.43	579.27	579.15					
21-31 Jan	579.17		578.91	579.06	579.20	579.33	579.23	579.38	579.17	579.30	578.94	579.09	579.33	1903/2	580.41	2355/14 578.40	
1-10 Feb			578.69	579.09	579.18	578.99	579.02	579.08	579.24	578.83	579.35	579.02					
11-20 Feb			579.05	579.32	578.94	579.11	579.29	579.03	579.18	579.23	579.18	579.21					
21-29 Feb	579.14		579.02	579.12	579.45	579.26	579.34	579.28	579.12	579.28	579.22			1645/23	580.26	1115/1 577.77	
1-10 Mar			579.08	579.50	579.85	579.27	579.66	579.48	579.22	579.43	579.51	579.48					
11-20 Mar			579.43	579.74	579.75	579.61	579.47	579.43	579.48	579.63	579.70	579.86					
21-31 Mar	579.62		579.35	579.67	579.80	579.86	579.62	579.94	579.64	579.66	579.99	580.24	579.96	1529/30	580.91	0231/1 578.73	
1-10 Apr			579.87	579.89	579.80	579.94	579.92	579.92	579.87	579.92	580.04	579.88					
11-20 Apr			579.81	579.98	579.96	580.19	580.15	580.18	580.19	580.18	580.08	580.00					
21-30 Apr	580.04		580.30	580.20	579.95	580.14	580.09	580.06	580.05	580.12	580.20	580.34		0417/22	580.69	2307/10 579.10	
1-10 May			580.30	580.18	580.04	580.36	580.20	580.20	580.33	580.37	580.37	580.41					
11-20 May			580.22	580.34	580.40	580.46	580.38	580.52	580.27	580.35	580.39	580.46					
21-31 May	580.37		580.35	580.38	580.38	580.35	580.41	580.45	580.48	580.52	580.52	580.53	580.53	0540/14	580.89	1910/5 579.52	
1-10 Jun			/	580.48	580.49	580.49	580.56	580.50	580.49	580.50	580.55	580.58					
11-20 Jun			580.40	580.60	580.75	580.53	580.64	580.42	580.49	580.68	580.47	580.49					
21-30 Jun	580.54		580.52	580.51	580.59	580.57	580.64	580.53	580.59	580.60	580.58	580.42		0107/14	581.30	0430/14 579.60	
1-10 Jul			580.46	580.48	580.55	580.49	580.52	580.57	580.54	580.47	580.61	580.73					
11-20 Jul			580.37	580.29	580.36	580.51	580.52	580.32	580.34	580.42	580.50	580.37					
21-31 Jul	580.47		580.40	580.51	580.52	580.40	580.49	580.72	580.39	580.48	580.47	580.46	580.32	1525/9	581.28	2215/11 579.81	
1-10 Aug			580.32	580.37	580.36	580.38	580.26	580.30	580.26	580.24	580.31	580.36					
11-20 Aug			580.36	580.32	580.22	580.25	580.21	580.13	580.14	580.27	580.30	580.22					
21-31 Aug	580.22		580.27	580.16	580.10	580.19	580.17	580.21	580.29	579.98	579.78	580.05	580.04	0635/12	580.81	1913/31 579.42	
1-10 Sep			579.81	580.07	580.24	579.80	579.80	579.99	579.97	579.94	579.76	579.66					
11-20 Sep			579.88	580.01	580.02	579.80	579.80	579.81	579.80	579.79	579.77	579.80					
21-30 Sep	579.76		579.49	579.55	579.45	579.59	579.55	579.65	579.47	579.58	579.42	579.61		1540/3	580.93	1855/23 579.06	
1-10 Oct			579.63	579.52	579.57	579.69	579.55	579.28	579.46	579.57	579.51	579.39					
11-20 Oct			579.63	579.60	579.24	579.39	579.29	579.16	579.26	579.21	579.40	579.34					
21-31 Oct	579.30		579.14	578.90	578.95	579.19	579.07	579.04	579.14	579.15	578.88	579.03	579.07	2230/14	579.97	2350/22 578.59	
1-10 Nov			579.07	579.19	578.88	578.93	579.16	578.78	578.67	578.86	578.96	578.75					
11-20 Nov			578.73	578.77	578.69	578.53	578.80	578.82	578.84	578.72	578.52	578.71					
21-30 Nov	578.71		578.65	578.35	578.33	578.56	578.67	578.57	578.59	578.39	578.44	578.36		0710/2	579.56	1330/19 578.12	
1-10 Dec			578.21	578.26	578.49	578.67	578.38	578.65	578.27	578.27	578.64	578.56					
11-20 Dec			578.43	578.06	578.42	578.58	578.21	578.50	578.10	578.39	578.33	578.00					
21-31 Dec	578.31		578.18	578.31	578.06	578.39	578.16	578.11	578.22	578.19	578.22	578.17	578.13	0110/14	579.17	0020/21 577.67	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9004: Pt. Iroquois, Brimley, Michigan, Lake Superior (Whitefish Bay)

1976 YEARLY MEAN ELEVATION: 600.82 FEET

HIGHEST
Monthly mean elevation: 601.29 Jul 1976
Daily mean elevation: 601.47 12 Jul 1976
Instant/hourly Elevation: 601.89 1000/23 Sep 1976

LOWEST
Monthly mean elevation: 600.05 Dec 1976
Daily mean elevation: 599.68 18 Dec 1976
Instant/hourly Elevation: 599.31 1800/9 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.37	14 Jan
601.03	1 Feb
600.86	7 Mar
601.17	22 Apr
601.28	3 May
601.40	30 Jun
601.47	12 Jul
601.42	1 Aug
601.40	23 Sep
601.09	13 Oct
600.77	7 Nov
600.46	10 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.48	25 Jan
600.36	14 Feb
600.20	2 Mar
600.44	14 Apr
600.90	4 May
600.70	12 Jun
601.07	9 Jul
601.07	18 Aug
600.76	30 Sep
600.54	29 Oct
600.08	25 Nov
599.68	18 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.40							5	3					601.40	8
601.20	1				4	3	20	16	6				601.20	58
601.00	9	1		7	19	16	6	12	13	4			601.00	145
600.80	3	4	2	5	8	10			10	7			600.80	194
600.60	13	10	6	14		1			1	14	6		600.60	259
600.40	5	12	13	4						6	11	2	600.40	312
600.20		2	9								12	4	600.20	339
600.00			1								1	10	600.00	351
599.80												10	599.80	361
599.60												5	599.60	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9004: Pt. Iroquois, Brimley, Michigan, Lake Superior (Whitefish Bay)

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		600.80	600.65	601.16	601.05	600.86	601.03	601.16	601.16	601.08	600.79						
11-20 Jan		600.75	600.54	601.01	601.37	600.71	601.07	600.79	600.53	600.78	600.90						
21-31 Jan	600.84	601.08	600.82	600.54	600.50	600.48	600.78	600.75	600.69	600.79	600.66	600.67	2200/14	601.69	0800/2	599.89	
1-10 Feb		601.03	600.81	600.70	600.84	600.75	600.85	600.65	600.78	600.38	600.67						
11-20 Feb		600.70	600.42	600.86	600.36	600.57	600.51	600.49	600.59	600.65	600.51						
21-29 Feb	600.62	600.68	600.64	600.41	600.49	600.51	600.53	600.52	600.49	600.66			0600/1	601.68	1400/14	599.95	
1-10 Mar		600.40	600.20	600.42	600.51	600.66	600.61	600.86	600.54	600.53	600.60						
11-20 Mar		600.37	600.43	600.55	600.73	600.51	600.80	600.47	600.35	600.37	600.36						
21-31 Mar	600.51	600.81	600.41	600.37	600.46	600.51	600.34	600.77	600.37	600.28	600.46	600.73	2400/6	601.52	2100/2	599.73	
1-10 Apr		600.79	600.68	600.69	600.65	600.65	600.68	600.74	600.69	600.56	600.74						
11-20 Apr		600.78	600.65	600.62	600.44	600.69	600.58	600.60	600.68	600.85	600.86						
21-30 Apr	600.81	600.88	601.17	601.05	601.05	601.11	601.13	601.17	601.12	600.98	600.94		1400/24	601.45	0400/16	600.07	
1-10 May		601.06	601.18	601.28	600.90	601.23	601.06	601.15	600.98	600.99	601.08						
11-20 May		601.20	601.01	600.96	601.01	600.96	601.17	601.24	601.20	601.05	601.13						
21-31 May	601.08	601.22	601.16	601.16	601.14	601.07	601.01	600.95	600.93	601.01	601.00	601.07	1000/21	601.51	1700/4	600.67	
1-10 Jun		601.08	601.04	601.01	601.00	600.97	600.97	600.97	601.01	600.93	600.95						
11-20 Jun		601.09	600.70	600.88	600.92	600.96	601.20	600.96	601.10	601.17	601.15						
21-30 Jun	601.07	601.13	601.16	601.11	601.13	601.11	601.19	601.21	601.17	601.29	601.40		1100/30	601.56	0400/13	600.41	
1-10 Jul		601.42	601.37	601.33	601.28	601.24	601.19	601.26	601.23	601.07	601.20						
11-20 Jul		601.41	601.47	601.28	601.23	601.26	601.42	601.38	601.27	601.16	601.35						
21-31 Jul	601.29	601.31	601.19	601.29	601.35	601.18	601.28	601.33	601.22	601.27	601.28	601.44	1200/12	601.82	2300/13	600.73	
1-10 Aug		601.42	601.30	601.24	601.19	601.41	601.30	601.26	601.26	601.21	601.14						
11-20 Aug		601.18	601.29	601.36	601.33	601.34	601.29	601.21	601.07	601.10	601.12						
21-31 Aug	601.23	601.09	601.31	601.25	601.11	601.08	601.07	601.10	601.42	601.39	601.10	601.23	1600/28	601.80	1500/10	600.47	
1-10 Sep		601.34	600.99	600.97	601.32	601.17	600.92	600.99	601.08	601.27	601.24						
11-20 Sep		601.07	600.93	600.94	601.20	601.11	601.06	601.04	601.02	601.10	601.08						
21-30 Sep	601.08	601.36	601.01	601.40	601.09	600.98	600.91	601.02	600.91	600.99	600.76		1000/23	601.89	1000/30	600.48	
1-10 Oct		600.81	600.94	600.72	600.62	600.90	601.02	600.85	600.69	600.80	600.76						
11-20 Oct		600.56	600.70	601.09	600.59	601.01	600.88	600.83	600.69	600.65	600.64						
21-31 Oct	600.75	600.86	601.01	600.76	600.70	600.70	600.64	600.59	600.61	600.54	600.59	600.58	1800/15	601.51	2000/14	600.00	
1-10 Nov		600.40	600.57	600.65	600.57	600.49	600.74	600.77	600.38	600.42	600.56						
11-20 Nov		600.53	600.61	600.73	600.50	600.40	600.31	600.35	600.38	600.48	600.28						
21-30 Nov	600.47	600.52	600.68	600.50	600.29	600.08	600.35	600.30	600.41	600.37	600.38		0600/7	601.02	1500/25	599.91	
1-10 Dec		600.43	600.37	600.01	600.07	600.16	600.19	600.20	600.39	599.77	600.46						
11-20 Dec		599.97	600.36	599.91	600.13	599.94	599.93	600.20	599.68	600.00	600.21						
21-31 Dec	600.05	599.95	599.93	600.12	599.80	600.01	600.00	599.75	600.00	599.78	599.87	600.10	2200/10	601.39	1800/9	599.31	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9016: Marquette, Michigan on Lake Superior

1976 YEARLY MEAN ELEVATION: 600.86 FEET

HIGHEST
Monthly mean elevation: 601.37 Jul 1976
Daily mean elevation: 601.47 5 Aug 1976
Instant/hourly Elevation: 602.02 1000/11 Aug 1976

LOWEST
Monthly mean elevation: 600.08 Dec 1976
Daily mean elevation: 599.92 22 Dec 1976
Instant/hourly Elevation: 599.46 0800/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.08	3 Jan
601.04	1 Feb
600.74	5 Mar
601.07	25 Apr
601.20	17 May
601.42	30 Jun
601.45	31 Jul
601.47	5 Aug
601.28	21 Sep
600.96	1 Oct
600.69	4 Nov
600.30	20 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.67	18 Jan
600.49	9 Feb
600.43	23 Mar
600.61	5 Apr
600.99	4 May
601.07	12 Jun
601.30	9 Jul
601.22	30 Aug
600.91	28 Sep
600.53	28 Oct
600.17	25 Nov
599.92	22 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.40						2	2	6					601.40	10
601.20						13	29	25	3				601.20	80
601.00	2	1		6	30	15			19				601.00	153
600.80	17			6	1				4	14			600.80	195
600.60	12	20	9	18						15	3		600.60	272
600.40		8	22							2	11		600.40	315
600.20											13	4	600.20	372
600.00											3	18	600.00	353
599.80												9	599.80	362

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9016: Marquette, Michigan on Lake Superior

	Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		600.99	600.98	601.08	601.03	600.82	600.97	600.96	600.94	600.95	600.90						
11-20 Jan		600.90	600.77	600.89	600.95	600.88	600.99	600.87	600.67	600.79	600.80						
21-31 Jan	600.85	600.96	600.91	600.68	600.68	600.69	600.75	600.75	600.72	600.82	600.74	600.67	2000/6	601.32	0800/23	600.33	
1-10 Feb		601.04	600.80	600.69	600.75	600.68	600.66	600.62	600.75	600.49	600.68						
11-20 Feb		600.69	600.61	600.67	600.52	600.61	600.66	600.58	600.62	600.66	600.64						
21-29 Feb	600.65	600.67	600.70	600.51	600.59	600.59	600.58	600.63	600.60	600.63			0200/28	601.41	0500/29	599.99	
1-10 Mar		600.59	600.53	600.55	600.60	600.74	600.58	600.64	600.59	600.59	600.61						
11-20 Mar		600.51	600.72	600.62	600.58	600.58	600.66	600.56	600.50	600.52	600.55						
21-31 Mar	600.57	600.69	600.46	600.43	600.53	600.43	600.47	600.57	600.47	600.51	600.64	600.74	0500/5	601.15	1600/26	599.84	
1-10 Apr		600.70	600.63	600.65	600.62	600.61	600.64	600.65	600.65	600.62	600.71						
11-20 Apr		600.71	600.62	600.63	600.65	600.70	600.75	600.76	600.77	600.90	600.87						
21-30 Apr	600.80	600.97	601.00	600.97	601.06	601.07	601.06	601.06	601.01	600.98	601.02		2400/18	601.56	2300/15	600.23	
1-10 May		601.05	601.08	601.10	600.99	601.08	601.08	601.10	601.06	601.03	601.08						
11-20 May		601.10	601.05	601.03	601.10	601.13	601.19	601.20	601.16	601.15	601.17						
21-31 May	601.12	601.17	601.15	601.15	601.15	601.14	601.14	601.16	601.16	601.14	601.16	601.15	0600/18	601.27	1500/4	600.81	
1-10 Jun		601.14	601.14	601.14	601.15	601.14	601.14	601.14	601.16	601.14	601.15						
11-20 Jun		601.13	601.07	601.13	601.14	601.21	601.22	601.20	601.24	601.29	601.31						
21-30 Jun	601.23	601.30	601.31	601.35	601.33	601.33	601.32	601.36	601.37	601.41	601.42		1400/15	601.93	0900/13	600.62	
1-10 Jul		601.40	601.39	601.38	601.37	601.36	601.38	601.38	601.35	601.30	601.36						
11-20 Jul		601.34	601.36	601.32	601.34	601.36	601.36	601.38	601.39	601.37	601.40						
21-31 Jul	601.37	601.42	601.39	601.38	601.39	601.33	601.36	601.39	601.40	601.36	601.40	601.45	0500/20	601.79	1500/9	600.96	
1-10 Aug		601.42	601.39	601.39	601.37	601.47	601.41	601.35	601.39	601.37	601.33						
11-20 Aug		601.40	601.43	601.47	601.43	601.37	601.32	601.36	601.33	601.30	601.30						
21-31 Aug	601.35	601.30	601.33	601.34	601.30	601.27	601.25	601.26	601.32	601.32	601.22	601.23	1000/11	602.02	2000/11	600.82	
1-10 Sep		601.26	601.15	601.13	601.20	601.16	601.11	601.12	601.18	601.19	601.18						
11-20 Sep		601.16	601.13	601.14	601.25	601.20	601.11	601.10	601.11	601.20	601.18						
21-30 Sep	601.13	601.28	601.18	/	/	/	/	600.98	600.91	600.93	600.92		0100/1	601.44	2300/29	600.74	
1-10 Oct		600.96	600.94	600.87	600.84	600.92	600.94	600.90	600.80	600.83	600.82						
11-20 Oct		600.74	600.78	600.87	600.77	600.88	600.91	600.85	600.74	600.76	600.73						
21-31 Oct	600.79	600.83	600.80	600.75	600.73	600.78	600.74	600.63	600.53	600.58	600.68	600.63	1500/1	601.10	0600/28	600.20	
1-10 Nov		600.57	600.57	600.66	600.69	600.50	600.57	600.66	600.46	600.46	600.52						
11-20 Nov		600.48	600.48	600.41	600.38	600.39	600.34	600.33	600.34	600.42	600.37						
21-30 Nov	600.41	600.40	600.39	600.32	600.23	600.17	600.32	600.30	600.19	600.23	600.18		1500/18	601.01	0900/25	599.87	
1-10 Dec		600.27	600.28	600.14	600.14	600.13	600.20	600.17	600.14	600.10	600.11						
11-20 Dec		600.03	600.22	600.04	600.06	600.06	600.05	600.13	599.97	600.08	600.30						
21-31 Dec	600.08	600.02	599.92	599.99	599.92	599.94	599.98	599.93	599.96	599.93	600.02	600.14	1900/11	600.57	0800/11	599.46	

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9044: Ontonagon, Michigan on Lake Superior

1976 YEARLY MEAN ELEVATION: 601.03 FEET

HIGHEST
Monthly mean elevation: 601.35 Jul 1976
Daily mean elevation: 601.46 20 Jul 1976
Instant/hourly Elevation: 602.18 2114/12 Jun 1976

LOWEST
Monthly mean elevation: 600.33 Nov 1976
Daily mean elevation: 600.16 13 Nov 1976
Instant/hourly Elevation: 598.90 1201/14 May 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
	Jan
	Feb
	Mar
601.12	24 Apr
601.22	15 May
601.44	29 Jun
601.46	20 Jul
601.36	4 Aug
601.19	12 Sep
600.99	3 Oct
600.56	1 Nov
	Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
	Jan
	Feb
	Mar
600.72	14 Apr
601.08	17 May
601.01	1 Jun
601.27	1 Jul
601.22	15 Aug
600.80	28 Sep
600.40	28 Oct
600.16	13 Nov
	Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.40						5	8						601.40	13
601.20					1	13	23	31					601.20	31
601.00				10	30	12			27				601.00	160
600.80				5					2	15			600.80	132
600.60				2					1	10			600.60	195
600.40										5	9		600.40	209
600.20										1	15		600.20	225
600.00											5		600.00	230

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9044: Ontonagon, Michigan on Lake Superior

Monthly means		----- Daily Means -----											HIGH----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan		/	/	/	/	/	/	/	/	/	/	/				
11-20 Jan		/	/	/	/	/	/	/	/	/	/	/				
21-31 Jan		/	/	/	/	/	/	/	/	/	/	/				/
1-10 Feb		/	/	/	/	/	/	/	/	/	/	/				
11-20 Feb		/	/	/	/	/	/	/	/	/	/	/				
21-29 Feb		/	/	/	/	/	/	/	/	/	/	/				
1-10 Mar		/	/	/	/	/	/	/	/	/	/	/				
11-20 Mar		/	/	/	/	/	/	/	/	/	/	/				
21-31 Mar		/	/	/	/	/	/	/	/	/	/	/				/
1-10 Apr		/	/	/	/	/	/	/	/	/	/	/				
11-20 Apr		/	/	/	600.78	600.79	600.94	600.94	600.85	600.92	601.01					
21-30 Apr	600.99	601.02	600.96	601.07	601.12	601.07	601.03	601.02	601.04	601.10	601.10		0455/18	601.60	0915/18	600.29
1-10 May		601.11	601.15	601.11	601.18	601.18	601.18	601.11	601.14	601.18	601.14					
11-20 May		601.12	601.16	601.19	601.15	601.22	601.14	601.08	601.12	601.20	601.12					
21-31 May	601.14	601.10	601.10	601.10	601.09	601.11	601.13	601.15	601.16	601.13	601.15	601.10	1550/19	601.48	1201/14	598.90
1-10 Jun		601.01	601.12	601.12	601.15	601.15	601.11	601.10	601.16	601.18	601.14					
11-20 Jun		601.10	601.32	601.21	601.17	601.31	601.24	601.40	601.34	601.32	601.37					
21-30 Jun	601.27	601.38	601.40	601.42	601.42	601.37	601.42	601.38	601.42	601.44	601.31		2114/12	602.18	2344/12	599.83
1-10 Jul		601.27	601.29	601.29	601.30	601.29	601.29	601.29	601.33	601.37	601.27					
11-20 Jul		601.28	601.28	601.38	601.33	601.31	601.35	601.36	601.42	601.43	601.46					
21-31 Jul	601.35	601.35	601.41	601.35	601.41	601.38	601.38	601.45	601.41	601.39	601.43	601.34	1050/19	601.92	1150/19	600.63
1-10 Aug		601.34	601.31	601.34	601.36	601.33	601.27	601.26	601.28	601.30	601.31					
11-20 Aug		601.30	601.33	601.30	601.30	601.22	601.25	601.29	601.32	601.31	601.33					
21-31 Aug	601.30	601.34	601.28	601.30	601.30	601.27	601.29	601.29	601.33	601.30	601.31	601.25	0630/11	601.81	1122/11	600.83
1-10 Sep		601.13	601.16	601.16	601.12	601.13	601.17	601.18	601.12	601.15	601.12					
11-20 Sep		601.13	601.19	601.19	601.11	601.10	601.07	601.05	601.03	601.17	601.04					
21-30 Sep	601.09	601.19	601.07	601.13	601.07	601.07	601.02	600.92	600.80	601.02	600.98		1300/19	601.43	1005/23	600.07
1-10 Oct		600.96	600.92	600.99	600.95	600.92	600.89	600.88	600.89	600.86	600.86					
11-20 Oct		600.90	600.86	600.81	600.89	600.83	600.72	600.63	600.57	600.71	600.76					
21-31 Oct	600.76	600.75	600.70	600.71	600.67	600.74	600.75	600.58	600.40	600.53	600.52	600.47	1530/14	601.32	0545/28	599.84
1-10 Nov		600.56	600.49	600.56	600.52	600.42	600.47	600.42	600.44	600.46	600.34					
11-20 Nov		600.35	600.30	600.16	600.32	600.29	600.29	600.29	600.27	600.31	600.33					
21-30 Nov	600.33	600.21	600.17	600.20	600.24	600.23	600.22	600.20	600.18	600.25	/		1630/1	600.75	1215/13	600.07
1-10 Dec		/	/	/	/	/	/	/	/	/	/					
11-20 Dec		/	/	/	/	/	/	/	/	/	/					
21-31 Dec		/	/	/	/	/	/	/	/	/	/					/

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9064: Duluth, Minnesota on Lake Superior

1976 YEARLY MEAN ELEVATION: 600.91 FEET

HIGHEST
Monthly mean elevation: 601.45 Jul 1976
Daily mean elevation: 601.64 13 Jul 1976
Instant/hourly Elevation: 602.13 1500/13 Jul 1976

LOWEST
Monthly mean elevation: 599.99 Dec 1976
Daily mean elevation: 599.65 31 Dec 1976
Instant/hourly Elevation: 599.12 1300/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.35	1 Jan
600.94	27 Feb
601.43	2 Mar
601.36	24 Apr
601.33	19 May
601.58	24 Jun
601.64	13 Jul
601.54	18 Aug
601.41	2 Sep
601.17	3 Oct
600.79	1 Nov
600.44	9 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.64	14 Jan
600.40	7 Feb
600.38	14 Mar
600.73	1 Apr
601.08	10 May
601.17	10 Jun
601.29	16 Jul
601.11	28 Aug
600.77	28 Sep
600.31	28 Oct
600.01	13 Nov
599.65	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.60							2						601.60	2
601.40			1			11	19	23	1				601.40	57
601.20	1			3	20	17	10	7	5				601.20	120
601.00	6		2	11	11	2		1	20	2			601.00	175
600.80	13	4	5	12					3	12			600.80	224
600.60	11	20	13	4					1	13	1		600.60	287
600.40		4	9							3	5	1	600.40	309
600.20		1	1							1	17	4	600.20	333
600.00											7	10	600.00	350
599.80												13	599.80	363
599.60												3	599.60	366

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9064: Duluth, Minnesota on Lake Superior

	Monthly means	----- Daily Means -----												HIGH-----Instant/hourly-----LOW Hrs/day Elev. Hrs/day Elev.
1-10 Jan		601.35	601.20	600.90	600.88	600.95	601.02	600.69	600.73	600.90	601.12			
11-20 Jan		601.02	600.95	600.74	600.64	601.05	600.77	600.85	600.82	600.85	600.73			
21-31 Jan	600.88	600.74	600.91	601.04	600.98	600.90	600.64	600.82	600.68	600.87	600.79	600.65	0600/2	601.76 2000/28 600.21
1-10 Feb		600.68	600.58	600.76	600.58	600.63	600.45	600.40	600.67	600.69	600.62			
11-20 Feb		600.61	600.66	600.45	600.83	600.76	600.82	600.86	600.73	600.77	600.70			
21-29 Feb	600.68	600.68	600.73	600.63	600.72	600.69	600.62	600.94	600.80	600.62			1300/27	601.28 2200/12 600.01
1-10 Mar		601.19	601.43	600.67	600.80	600.58	600.46	600.45	600.64	600.89	600.66			
11-20 Mar		600.91	601.07	600.61	600.38	600.57	600.51	600.68	600.75	600.76	600.56			
21-31 Mar	600.72	600.52	600.44	600.70	600.53	600.81	600.74	600.62	600.99	600.93	600.74	600.74	0500/2	601.74 0700/7 600.06
1-10 Apr		600.73	600.86	600.99	600.82	600.79	600.80	600.82	600.82	600.83	600.92			
11-20 Apr		600.82	600.80	600.93	600.93	601.00	601.16	601.13	601.02	600.96	601.20			
21-30 Apr	601.01	601.09	601.04	601.29	601.36	601.20	601.19	601.12	601.17	601.22	601.16		2000/16	601.67 2400/18 600.37
1-10 May		601.16	601.09	601.09	601.24	601.16	601.21	601.20	601.17	601.27	601.08			
11-20 May		601.19	601.28	601.26	601.25	601.30	601.19	601.19	601.26	601.33	601.17			
21-31 May	601.22	601.21	601.23	601.22	601.22	601.27	601.28	601.30	601.32	601.26	601.28	601.22	1700/15	601.60 0700/10 600.85
1-10 Jun		601.27	601.23	601.24	601.26	601.25	601.23	601.20	601.25	601.25	601.17			
11-20 Jun		601.37	601.53	601.31	601.27	601.29	601.29	601.52	601.27	601.28	601.40			
21-30 Jun	601.35	601.47	601.44	601.53	601.58	601.43	601.50	601.42	601.46	601.43	601.37		1400/26	601.82 2200/15 600.80
1-10 Jul		601.38	601.37	601.40	601.41	601.42	601.41	601.39	601.48	601.57	601.46			
11-20 Jul		601.36	601.43	601.64	601.46	601.36	601.29	601.32	601.42	601.52	601.41			
21-31 Jul	601.45	601.50	601.53	601.35	601.49	601.54	601.39	601.54	601.61	601.55	601.49	601.43	1500/13	602.13 0100/16 601.02
1-10 Aug		601.45	601.35	601.41	601.44	601.44	601.42	601.42	601.43	601.52	601.49			
11-20 Aug		601.47	601.42	601.51	601.52	601.42	601.43	601.53	601.54	601.46	601.45			
21-31 Aug	601.42	601.39	601.33	601.49	601.47	601.45	601.47	601.30	601.11	601.30	601.33	601.34	1800/10	601.82 0900/28 600.69
1-10 Sep		601.30	601.41	601.09	601.12	601.29	601.29	601.28	601.10	601.07	601.10			
11-20 Sep		601.12	601.24	601.16	601.13	601.19	601.15	601.14	601.09	601.17	601.03			
21-30 Sep	601.12	601.02	601.07	600.87	600.98	601.11	601.18	601.02	600.77	600.96	601.03		1800/2	601.67 2400/28 600.46
1-10 Oct		601.00	601.00	601.17	601.00	600.87	600.86	600.93	600.99	600.90	600.94			
11-20 Oct		601.01	600.81	600.68	600.96	600.70	600.74	600.79	600.82	600.78	600.73			
21-31 Oct	600.79	600.54	600.58	600.78	600.72	600.76	600.74	600.46	600.31	600.64	600.70	600.61	1100/14	601.37 0300/28 600.01
1-10 Nov		600.79	600.35	600.47	600.56	600.40	600.35	600.37	600.60	600.47	600.40			
11-20 Nov		600.35	600.25	600.01	600.34	600.38	600.39	600.26	600.24	600.35	600.50			
21-30 Nov	600.32	600.24	600.04	600.19	600.35	600.38	600.24	600.10	600.08	600.12	600.05		1600/1	600.95 2000/18 599.76
1-10 Dec		600.23	600.12	600.27	600.10	600.23	600.03	600.07	600.06	600.44	599.81			
11-20 Dec		599.86	599.97	600.06	599.75	600.21	599.98	600.06	600.14	600.02	599.84			
21-31 Dec	599.99	599.95	599.83	599.84	599.91	599.93	599.88	600.03	599.76	599.92	599.89	599.65	1700/9	600.77 1300/11 599.12

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9070: Two Harbors, Minnesota on Lake Superior

1976 YEARLY MEAN ELEVATION: 600.88 FEET

HIGHEST
Monthly mean elevation: 601.40 Jul 1976
Daily mean elevation: 601.54 13 Jul 1976
Instant/hourly Elevation: 601.82 1500/13 Jul 1976

LOWEST
Monthly mean elevation: 599.98 Dec 1976
Daily mean elevation: 599.66 31 Dec 1976
Instant/hourly Elevation: 599.29 1200/11 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.28	1 Jan
600.83	17 Feb
601.14	2 Mar
601.24	24 Apr
601.31	19 May
601.47	24 Jun
601.54	13 Jul
601.48	18 Aug
601.35	2 Sep
601.11	3 Oct
600.73	1 Nov
600.38	9 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.64	14 Jan
600.45	7 Feb
600.38	14 Mar
600.69	1 Apr
601.09	3 May
601.15	10 Jun
601.29	16 Jul
601.10	28 Aug
600.52	23 Sep
600.35	28 Oct
600.06	13 Nov
599.66	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.40						7	13	13					601.40	73
601.20	1			2	14	18	18	17	5				601.20	108
601.00	5		2	12	17	5		1	16	1			601.00	167
600.80	14	2	5	6					4	12			600.80	210
600.60	11	20	12	10					1	13	1		600.60	278
600.40		7	11						1	4	6		600.40	307
600.20			1							1	16	3	600.20	328
600.00											7	10	600.00	345
599.80												15	599.80	360
599.60												3	599.60	363

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9070: Two Harbors, Minnesota on Lake Superior

		Monthly means	----- Daily Means -----											HIGH----Instant/hourly-----LNW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			601.28	601.17	600.92	600.91	600.96	600.98	600.72	600.76	600.90	601.10					
11-20 Jan			601.02	600.95	600.75	600.64	601.01	600.76	600.85	600.84	600.84	600.76					
21-31 Jan	600.87		600.73	600.89	601.01	600.97	600.90	600.66	600.81	600.67	600.84	600.79	600.67	0600/2	601.63	2000/28	600.21
1-10 Feb			600.64	600.58	600.74	600.58	600.63	600.47	600.45	600.65	600.68	600.62					
11-20 Feb			600.60	600.64	600.46	600.80	600.73	600.80	600.83	600.71	600.73	600.68					
21-29 Feb	600.66		600.66	600.71	600.63	600.71	600.67	600.60	600.83	600.75	600.62			1300/27	601.14	2200/12	600.05
1-10 Mar			601.04	601.14	600.60	600.72	600.57	600.49	600.46	600.64	600.83	600.64					
11-20 Mar			600.82	600.92	600.61	600.38	600.57	600.49	600.64	600.71	600.72	600.59					
21-31 Mar	600.67		600.50	600.46	600.67	600.54	600.73	600.68	600.60	600.90	600.86	600.68	600.69	1400/2	601.40	0700/7	600.12
1-10 Apr			600.69	600.79	600.85	600.78	600.75	600.76	600.78	600.78	600.79	600.85					
11-20 Apr			600.77	600.80	600.94	600.88	600.92	601.07	601.09	601.01	600.95	601.13					
21-30 Apr	600.96		601.05	601.02	601.19	601.24	601.13	601.14	601.09	601.14	601.21	601.16		2000/16	601.50	2300/14	600.42
1-10 May			601.16	601.10	601.09	601.25	601.17	601.19	601.17	601.18	601.25	601.10					
11-20 May			601.16	601.25	601.23	601.21	601.27	601.17	601.17	601.23	601.31	601.15					
21-31 May	601.20		601.18	601.20	601.19	601.18	601.23	601.25	601.27	601.27	601.22	601.24	601.18	1600/15	601.50	0600/11	600.89
1-10 Jun			601.21	601.20	601.21	601.22	601.22	601.18	601.17	601.20	601.21	601.15					
11-20 Jun			601.23	601.41	601.30	601.24	601.29	601.26	601.46	601.27	601.28	601.37					
21-30 Jun	601.31		601.42	601.40	601.46	601.47	601.40	601.44	601.38	601.43	601.38	601.33		1400/26	601.68	2200/15	600.92
1-10 Jul			601.33	601.32	601.35	601.36	601.38	601.37	601.35	601.43	601.46	601.34					
11-20 Jul			601.34	601.37	601.54	601.42	601.34	601.29	601.30	601.39	601.48	601.36					
21-31 Jul	601.40		601.47	601.49	601.35	601.45	601.50	601.36	601.47	601.54	601.49	601.45	601.38	1500/13	601.82	1000/12	601.07
1-10 Aug			601.42	601.33	601.36	601.40	601.37	601.36	601.39	601.39	601.46	601.46					
11-20 Aug			601.42	601.38	601.44	601.44	601.36	601.37	601.47	601.48	601.42	601.41					
21-31 Aug	601.37		601.35	601.29	601.40	601.43	601.41	601.42	601.29	601.10	601.25	601.27	601.25	0600/10	601.77	0900/28	600.75
1-10 Sep			601.24	601.35	601.11	601.08	601.19	601.24	601.22	601.07	601.04	601.06					
11-20 Sep			601.10	601.21	601.11	601.08	601.12	601.10	601.04	600.98	/	601.02					
21-30 Sep	601.06		/	/	600.52	600.93	601.07	601.11	600.97	600.77	600.95	601.01		0100/3	601.53	2300/28	600.52
1-10 Oct			600.96	600.95	601.11	600.99	600.86	600.84	600.91	600.96	600.88	600.91					
11-20 Oct			600.98	600.81	600.68	600.96	600.71	600.73	600.75	600.80	600.78	600.74					
21-31 Oct	600.77		600.56	600.57	600.74	600.69	600.72	600.70	600.49	600.35	600.62	600.64	600.59	1400/14	601.29	2100/27	600.09
1-10 Nov			600.73	600.40	600.49	600.54	600.42	600.36	600.37	600.58	600.47	600.39					
11-20 Nov			600.36	600.25	600.06	600.34	600.36	600.37	600.26	600.26	600.34	600.47					
21-30 Nov	600.32		600.22	600.06	600.19	600.33	600.35	600.23	600.10	600.09	600.12	600.07		1600/8	600.90	2000/30	599.83
1-10 Dec			600.19	600.10	600.26	600.12	600.21	600.03	600.06	600.04	600.38	599.83					
11-20 Dec			599.89	599.96	600.06	599.77	600.17	600.00	600.03	600.12	599.98	599.82					
21-31 Dec	599.98		599.93	599.82	599.85	599.90	599.90	599.85	599.99	599.75	599.89	599.87	599.66	1500/9	600.64	1200/11	599.29

INTERNATIONAL
GREAT LAKES
DATUM (1955)

ANNUAL SUMMARY OF LEVELS, 1976
Station 9030: Grand Marais, Minnesota on Lake Superior

1976 YEARLY MEAN ELEVATION: 600.80 FEET

HIGHEST
Monthly mean elevation: 601.29 Jul 1976
Daily mean elevation: 601.37 25 Jun 1976
Instant/hourly Elevation: 601.82 0100/13 Jun 1976

LOWEST
Monthly mean elevation: 599.93 Dec 1976
Daily mean elevation: 599.68 31 Dec 1976
Instant/hourly Elevation: 599.49 0400/31 Dec 1976

HIGHEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
601.05	1 Jan
600.70	14 Feb
600.91	2 Mar
601.12	29 Apr
601.16	19 May
601.37	25 Jun
601.37	25 Jul
601.31	4 Aug
601.18	2 Sep
600.95	3 Oct
600.60	1 Nov
600.19	3 Dec

LOWEST DAILY MEAN
FOR EACH MONTH

Elev.	Date
600.65	14 Jan
600.43	13 Feb
600.39	14 Mar
600.61	1 Apr
601.04	3 May
601.06	8 Jun
601.23	1 Jul
601.06	28 Aug
600.80	28 Sep
600.38	28 Oct
600.06	30 Nov
599.68	31 Dec

Elev. (ft.)	~~~~~ FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS, 1976 ~~~~~												Elev. (ft.)	No. of days above elev.
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
601.20						15	31	26					601.20	72
601.00	2			8	30	15		5	16				601.00	148
600.80	11		1	7					13	8			600.80	188
600.60	18	14	8	15					1	14			600.60	258
600.40		15	21							8	6		600.40	308
600.20			1							1	15		600.20	325
600.00											9	11	600.00	345
599.80												15	599.80	360
599.60												5	599.60	365

INTERNATIONAL
GREAT LAKES
DATUM (1955)

DAILY MEAN WATER LEVELS, MONTHLY MEANS AND EXTREMES, 1976

Station 9090: Grand Marais, Minnesota on Lake Superior

		Monthly means	----- Daily Means -----												HIGH----Instant/hourly-----LNW Hrs/day Elev. Hrs/day Elev.			
1-10 Jan			601.05	601.05	600.88	600.90	600.97	600.89	600.78	600.79	600.85	600.97						
11-20 Jan			600.96	600.91	600.79	600.65	600.86	600.70	600.79	600.79	600.75	600.77						
21-31 Jan	600.81		600.69	600.77	600.91	600.84	600.80	600.66	600.75	600.65	600.72	600.71	600.66	0500/2	601.39	1900/28	600.21	
1-10 Feb			600.55	600.58	600.65	600.58	600.61	600.50	600.54	600.59	600.65	600.58						
11-20 Feb			600.57	600.53	600.43	600.70	600.57	600.67	600.70	600.61	600.61	600.62						
21-29 Feb	600.59		600.59	600.60	600.61	600.63	600.61	600.53	600.65	600.64	600.55			1500/27	601.18	0700/11	600.17	
1-10 Mar			600.70	600.91	600.60	600.61	600.52	600.51	600.45	600.58	600.64	600.54						
11-20 Mar			600.60	600.63	600.57	600.39	600.56	600.43	600.54	600.57	600.60	600.57						
21-31 Mar	600.57		600.42	600.49	600.56	600.54	600.53	600.54	600.50	600.68	600.70	600.64	600.62	1100/2	601.11	0200/21	600.16	
1-10 Apr			600.61	600.69	600.69	600.69	600.68	600.68	600.69	600.70	600.72	600.73						
11-20 Apr			600.66	600.69	600.75	600.80	600.79	600.88	600.96	600.88	600.88	600.98						
21-30 Apr	600.85		600.95	600.92	601.07	601.04	601.02	601.02	601.01	601.04	601.12	601.11		0400/16	601.34	0900/15	600.46	
1-10 May			601.08	601.06	601.04	/	601.06	601.10	601.06	601.11	601.15	601.05						
11-20 May			601.05	601.11	601.14	601.14	601.11	601.09	601.08	601.11	601.16	601.08						
21-31 May	601.10		601.08	601.10	601.08	601.07	601.11	601.12	601.15	601.15	601.09	601.11	601.08	1400/14	601.41	1000/5	600.72	
1-10 Jun			601.08	601.09	601.11	601.10	601.10	601.09	601.07	601.06	601.15	601.10						
11-20 Jun			601.08	601.21	601.20	601.17	601.18	601.18	601.30	601.27	601.23	601.28						
21-30 Jun	601.20		601.30	601.27	601.32	601.30	601.37	601.34	601.31	601.30	601.27	601.23		0100/13	601.82	2000/12	600.16	
1-10 Jul			601.23	601.23	601.26	601.27	601.28	601.27	601.25	601.30	601.36	601.31						
11-20 Jul			601.24	601.26	601.33	601.31	601.30	601.24	601.25	601.30	601.33	601.31						
21-31 Jul	601.29		601.32	601.33	601.29	601.28	601.37	601.26	601.31	601.35	601.33	601.32	601.26	1600/9	601.77	1200/11	600.98	
1-10 Aug			601.29	601.26	601.28	601.31	601.24	601.26	601.28	601.28	601.29	601.30						
11-20 Aug			601.29	601.29	601.27	601.27	601.23	601.22	601.28	601.31	601.27	601.28						
21-31 Aug	601.24		601.25	601.18	601.23	601.25	601.24	601.25	601.21	601.06	601.15	601.16	601.11	0300/12	601.61	1600/27	600.82	
1-10 Sep			601.08	601.18	601.09	601.01	601.08	601.10	601.11	601.06	601.00	601.03						
11-20 Sep			601.03	601.09	601.06	601.00	601.00	601.01	601.02	601.01	601.01	600.98						
21-30 Sep	601.00		600.92	600.98	600.84	600.90	600.93	600.98	600.88	600.80	600.86	600.93		2400/2	601.39	2300/28	600.57	
1-10 Oct			600.86	600.84	600.95	600.91	600.78	600.78	600.81	600.84	600.78	600.79						
11-20 Oct			600.86	600.76	600.66	600.85	600.66	600.67	600.66	600.69	600.70	600.70						
21-31 Oct	600.70		600.56	600.54	600.64	600.62	600.60	600.58	600.49	600.38	600.54	600.54	600.51	1500/14	601.13	0200/28	600.23	
1-10 Nov			600.60	600.44	600.45	600.46	600.43	600.33	600.33	600.48	600.40	600.33						
11-20 Nov			600.34	600.27	600.14	600.32	600.32	600.34	600.27	600.22	600.28	600.34						
21-30 Nov	600.28		600.15	600.08	600.16	600.21	600.26	600.18	600.09	600.10	600.11	600.06		1600/8	600.73	1900/30	599.83	
1-10 Dec			600.08	600.03	600.19	600.08	600.14	600.03	600.02	599.97	600.19	599.88						
11-20 Dec			599.94	599.89	600.03	599.82	600.05	599.92	599.95	600.01	599.89	599.80						
21-31 Dec	599.93		599.92	599.81	599.85	599.87	599.85	599.77	599.88	599.76	599.82	599.80	599.68	1600/9	600.46	0400/31	599.49	