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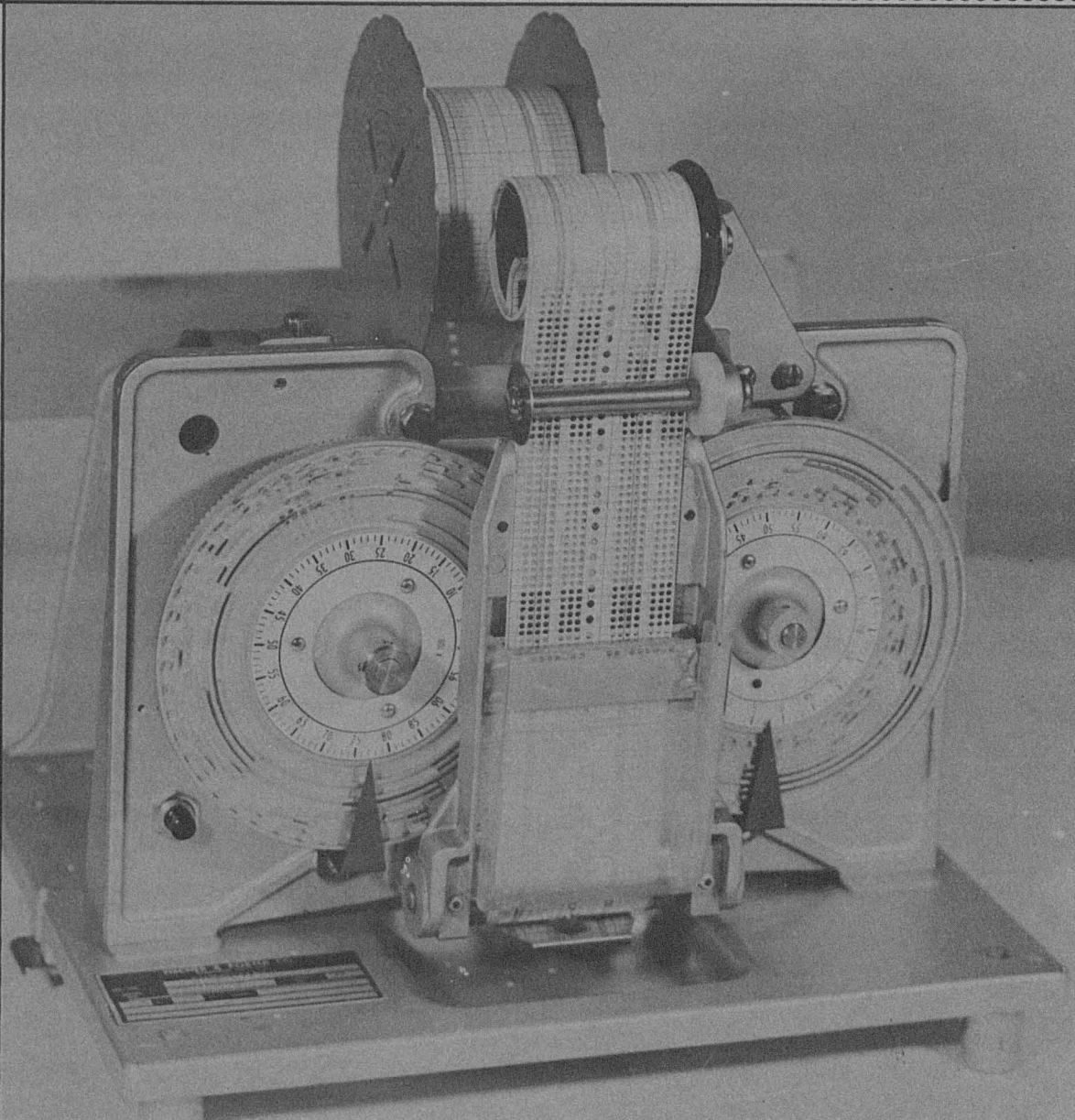
GREAT LAKES WATER LEVELS

U. S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Ocean Survey

1974



Fischer & Porter Water Level Gage
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May 1975

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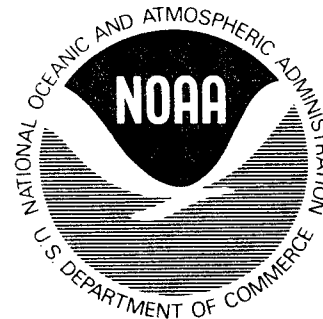
Great Lakes Water Levels 1973. May 1974 (daily mean).



GREAT LAKES WATER LEVELS

1974

Daily and Monthly Average Water Surface Elevations



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WATER LEVEL GAGE SITES

SCALE OF MILES

25 0 25 50 75 100 125 150 175

25 0 25 50 75 100 125 150 175

INTRODUCTION

GENERAL. This publication contains Lake Survey Center Great Lake water-level gage records and shows in tabular form daily and monthly average levels for each gage in the network for the calendar year. 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 above a specified elevation. The gages record water levels in either analog or a 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 preceding page. An index on the following pages lists the gage location, identification number, and geographic coordinates. The stations are arranged by location and are in numerical order.

Lake Survey Center. The Lake Survey Center is a part of the Department of Commerce's National Oceanic and Atmospheric Administration (NOAA) and operates under the National Ocean Survey (NOS). Lake Survey has been active in Great Lakes hydraulics and hydrography since 1841. In addition to operating and maintaining the water-level gaging network, the Lake Survey compiles, prints, and distributes nautical charts of the Great Lakes and connecting channels. More recently the Limnology Division was established to undertake a program of freshwater oceanographic research on the Great Lakes.

Plane of Reference. All tabulated elevations are referred to International Great Lakes Datum (1955) and are expressed in feet. An explanation of the datum (IGLD) can be obtained by writing the Lake Survey Center.

INDEX TO GAGING STATIONS

STATION NUMBER AND LOCATION		LATITUDE NORTH	LONGITUDE WEST	CHART DATUM
<u>ST. LAWRENCE RIVER</u>				
1030	Ogdensburg, New York	44° 42' 10"	75° 29' 40"	
2000	Cape Vincent, New York	44° 07' 45"	76° 20' 15"	
<u>LAKE ONTARIO</u>				
2030	OSWEGO, NEW YORK	43° 27' 51"	76° 30' 42"	242.8
2058	Rochester, New York	43° 16' 10"	77° 37' 34"	242.8
2076	Olcott, New York	43° 20' 17"	78° 43' 39"	242.8
<u>NIAGARA RIVER</u>				
3007	Ashland Avenue, Niagara Falls, New York	43° 06' 00"	79° 03' 35"	
3010	American Falls, Niagara Falls, New York	43° 04' 55"	79° 03' 45"	
3012	Niagara Intake, Niagara Falls, New York	43° 04' 40"	79° 00' 55"	
3017	Black Rock Canal, Buffalo, New York	42° 56' 02"	78° 54' 27"	
3117	Ontario St., Buffalo, New York	42° 56' 35"	78° 54' 37"	
<u>LAKE ERIE</u>				
3020	Buffalo, New York	42° 52' 39"	78° 53' 27"	568.6
3028	Sturgeon Point, New York	42° 41' 27"	79° 02' 52"	568.6
3032	Barcelona, New York	42° 20' 35"	79° 35' 50"	568.6
3038	Erie, Pennsylvania	42° 09' 15"	80° 04' 32"	568.6
3063	CLEVELAND, OHIO	41° 32' 27"	81° 38' 08"	568.6
3079	Marblehead, Ohio	41° 32' 40"	82° 43' 53"	568.6
3085	Toledo, Ohio	41° 41' 36"	83° 28' 20"	568.6
3090	Fermi Power Plant, Stony Point, Michigan	41° 57' 35"	83° 15' 30"	568.6
<u>DETROIT RIVER</u>				
4020	Gibraltar, Michigan	42° 05' 30"	83° 11' 10"	
4030	Wyandotte, Michigan	42° 12' 12"	83° 08' 50"	
4036	Fort Wayne, Detroit, Michigan	42° 17' 53"	83° 05' 34"	
4049	Windmill Point, Detroit, Michigan	42° 21' 26"	82° 55' 45"	
<u>LAKE ST. CLAIR</u>				
4052	ST. CLAIR SHORES, MICHIGAN	42° 28' 24"	82° 52' 45"	571.7

NOTE: Locations shown in CAPITAL letters are master gages.

INDEX TO GAGING STATIONS

STATION NUMBER AND LOCATION		LATITUDE NORTH	LONGITUDE WEST	CHART DATUM
<u>ST. CLAIR RIVER</u>				
4058*	Minnich, Harsens Island, Michigan	42° 34' 35"	82° 39' 20"	
4060*	St. Clair Flats, Michigan	42° 32' 21"	82° 40' 02"	
4070	Algonac, Michigan	42° 37' 15"	82° 31' 37"	
4080	St. Clair S.P., St. Clair, Michigan	42° 48' 45"	82° 29' 09"	
4084	Marysville, Michigan	42° 54' 22"	82° 27' 58"	
4087	Dry Dock, Port Huron, Michigan	42° 56' 43"	82° 26' 37"	
4090	Mouth of the Black River, Port Huron, Michigan	42° 58' 25"	82° 25' 16"	
4096	Dunn Paper Company, Port Huron, Michigan	43° 00' 12"	82° 25' 20"	
4098	Fort Gratiot, Port Huron, Michigan	43° 00' 23"	82° 25' 21"	
<u>LAKE HURON</u>				
5002	Lakeport, Michigan	43° 08' 30"	82° 29' 35"	576.8
5014	HARBOR BEACH, MICHIGAN	43° 50' 45"	82° 38' 38"	576.8
5034	Essexville, Michigan	43° 38' 29"	83° 50' 48"	576.8
5059	Harrisville, Michigan	44° 39' 34"	83° 17' 11"	576.8
5080	Mackinaw City, Michigan	45° 46' 40"	84° 43' 10"	576.8
5098	DeTour, Michigan	46° 01' 00"	83° 55' 15"	
<u>ST. MARYS RIVER</u>				
6050	Frechette Point, Michigan	46° 27' 40"	84° 17' 10"	
6060	U.S. Slip, Below Locks, Sault Ste. Marie, Michigan	46° 30' 03"	84° 20' 24"	
6070	S.W. Pier, Above Locks, Sault Ste. Marie, Michigan	46° 30' 05"	84° 22' 21"	
<u>LAKE MICHIGAN</u>				
7023	Ludington, Michigan	43° 56' 48"	86° 26' 30"	576.8
7031	Holland, Michigan	42° 46' 05"	86° 12' 06"	576.8
7044	Calumet Harbor, S. Chicago, Illinois	41° 43' 48"	87° 32' 18"	576.8
7057	Milwaukee, Wisconsin	43° 00' 05"	87° 53' 13"	576.8
7072	Sturgeon Bay Canal, Wisconsin	44° 47' 40"	87° 18' 48"	576.8
7078	Green Bay, Wisconsin	44° 32' 27"	88° 00' 30"	576.8
7096	Port Inland, Michigan	45° 58' 10"	85° 52' 20"	576.8
<u>LAKE SUPERIOR</u>				
9004	POINT IROQUOIS, MICHIGAN	46° 29' 06"	84° 37' 52"	600.0
9016	Marquette, Michigan	46° 32' 29"	87° 23' 26"	600.0
9044	Ontonagon, Michigan	46° 52' 40"	89° 19' 15"	600.0
9064	Duluth, Minnesota	46° 46' 32"	92° 05' 34"	600.0
9070	Two Harbors, Minnesota	47° 01' 03"	91° 40' 30"	600.0
9090	Grand Marais, Minnesota	47° 44' 53"	90° 20' 30"	600.0

NOTE: Locations shown in CAPITAL letters are master gages.

* Indicates temporary gages.

ANNUAL SUMMARY OF LEVELS
 (IGDENSBURG, N.Y. ON ST. LAWRENCE RIVER)

YEARLY MEAN ELEVATION 244.72 IN 1974

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 246.36 JUNE 1974
 DAILY MEAN ELEVATION 246.82 25 MAY 1974
 INSTANT/HOURLY ELEVATION 247.00 1700 11 JUNE 1974

MONTHLY MEAN ELEVATION 242.97 NOV 1974
 DAILY MEAN ELEVATION 241.81 2 DEC 1974
 INSTANT/HOURLY ELEVATION 241.58 1400 2 DEC 1974

HIGHEST DAILY MEAN
 FOR EACH MONTH

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.19	31	JAN	1974
245.15	23	FEB	1974
245.32	17	MAR	1974
246.20	15	APR	1974
246.82	25	MAY	1974
246.68	11	JUNE	1974
246.45	7	JULY	1974
245.70	1	AUG	1974
244.72	1	SEPT	1974
243.83	7	OCT	1974
243.42	15	NOV	1974
243.36	9	DEC	1974

ELEV.	DAY	MONTH	YEAR
243.85	20	JAN	1974
244.38	22	FEB	1974
244.41	2	MAR	1974
244.66	9	APR	1974
245.77	2	MAY	1974
246.07	26	JUNE	1974
245.57	26	JULY	1974
244.72	29	AUG	1974
243.89	28	SEPT	1974
242.94	30	OCT	1974
242.66	21	NOV	1974
241.81	2	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
247.00													0
246.80					1								1
246.60					4	2							7
246.40					7	7	5						26
246.20				1	6	17	8						58
246.00					4	4	4						70
245.80				7	7		6						90
245.60				7	2		6	2					107
245.40				4			2	6					119
245.20			3	4				3					129
245.00	1	1	5	3				9					148
244.80		1	11	3				9					172
244.60	2	7	6	1				2	2				192
244.40	4	17	6						8				227
244.20	9	2							7				245
244.00	10								9				264
243.80	5								4	1			274
243.60										7			281
243.40										7	1		289
243.20										7	6	4	306
243.00										6	3	13	328
242.80										3	14	10	355
242.60											6	2	363
242.40												1	364
242.20													364
242.00													364
241.80												1	365

DAILY WATER LEVELS

OGDENSBURG, N.Y. ON ST. LAWRENCE RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.												
1	10JAN	74		244.21	244.23	244.21	244.36	244.39	244.31	244.55	244.19	243.87	243.99												
11	20JAN	74		244.07	244.31	244.39	244.55	244.29	244.05	243.97	243.89	244.07	243.85												
21	31JAN	74	244.26	244.09	244.14	244.16	244.18	244.19	244.14	244.66	244.51	244.57	244.67	245.19	31	2100	246.04	9	0700	243.62					
1	10FEB	74		244.86	244.53	244.50	244.63	244.72	244.55	244.58	244.60	244.61	244.54												
11	20FEB	74		244.71	244.55	244.56	244.41	244.47	244.43	244.56	244.46	244.41	244.56												
21	28FEB	74	244.57	244.38	244.38	245.15	244.61	244.49	244.57	244.56	244.61	23 0500 245.92 22 0600 244.08													
1	10MAR	74		244.72	244.41	244.48	244.64	244.82	244.90	245.02	244.57	244.58	244.97												
11	20MAR	74		244.99	244.79	244.91	244.97	244.90	244.80	245.32	245.24	245.20	244.84												
21	31MAR	74	244.85	244.74	245.05	245.04	245.10	244.91	245.14	244.99	244.67	244.45	244.46	244.70	24	2300	245.65	3	0700	244.20					
1	10APR	74		244.84	244.91	244.90	245.06	245.39	245.27	245.51	245.09	244.66	245.27												
11	20APR	74		245.41	245.18	245.33	245.40	246.20	245.78	245.85	245.66	245.49	245.63												
21	30APR	74	245.49	245.65	245.70	245.90	245.63	245.81	245.79	245.80	245.90	245.89	245.86	15 0900 246.55 2 0500 244.50											
1	10MAY	74		245.98	245.77	245.85	245.92	245.79	245.95	246.19	245.93	245.87	246.03												
11	20MAY	74		245.89	246.08	246.41	246.19	246.37	246.28	246.38	246.33	246.26	246.33												
21	31MAY	74	246.27	246.41	246.58	246.63	246.72	246.82	246.70	246.54	246.56	246.50	246.53	246.62	25	1400	246.99	5	2200	245.46					
1	10JUNE	74		246.65	246.54	246.55	246.52	246.52	246.38	246.36	246.36	246.34	246.35												
11	20JUNE	74		246.68	246.49	246.48	246.36	246.32	246.28	246.38	246.36	246.36	246.48												
21	30JUNE	74	246.36	246.34	246.35	246.23	246.21	246.15	246.07	246.09	246.10	246.20	246.33	11 1700 247.00 26 1800 246.00											
1	10JULY	74		246.33	246.32	246.38	246.37	246.45	246.40	246.45	246.40	246.41	246.22												
11	20JULY	74		246.19	246.20	246.26	246.21	246.06	245.97	246.02	246.12	245.99	245.82												
21	31JULY	74	246.04	245.88	245.83	245.81	245.72	245.62	245.57	245.61	245.63	245.58	245.63	245.74	5	1400	246.62	29	1500	245.43					
1	10AUG	74		245.70	245.48	245.50	245.59	245.65	245.55	245.53	245.51	245.16	245.13												
11	20AUG	74		245.20	245.24	245.25	245.10	245.04	245.02	245.03	245.13	245.08	244.99												
21	31AUG	74	245.15	244.97	244.99	244.99	244.95	244.84	244.86	245.01	244.87	244.72	244.78	244.94	5	0100	245.80	29	0500	244.68					
1	10SEPT	74		244.72	244.54	244.30	244.41	244.40	244.34	244.33	244.38	244.51	244.26												
11	20SEPT	74		244.38	244.40	244.54	244.40	244.64	244.38	244.42	244.04	244.16	244.19												
21	30SEPT	74	244.27	244.06	244.06	243.96	243.99	244.16	244.01	243.97	243.89	244.19	244.11	29 2000 245.02 28 2000 243.82											
1	10OCT	74		243.76	243.65	243.71	243.72	243.77	243.71	243.83	243.58	243.54	243.58												
11	20OCT	74		243.34	243.42	243.19	243.59	243.62	243.34	243.57	243.37	243.28	243.17												
21	31OCT	74	243.40	243.26	243.55	243.19	243.09	243.24	243.27	242.99	242.99	243.01	242.94	243.05	7	0500	244.07	27	1200	242.77					
1	10NOV	74		243.04	242.78	242.85	242.92	242.67	242.92	242.97	242.89	242.79	242.75												
11	20NOV	74		242.66	242.89	243.28	243.27	243.42	243.37	243.22	243.25	242.99	242.86												
21	30NOV	74	242.97	242.66	242.85	243.02	243.26	243.01	242.97	242.90	242.84	242.95	242.82	14 1300 244.10 21 1200 242.16											
1	10DEC	74		242.43	241.81	242.74	242.89	242.94	242.88	242.93	243.03	243.36	243.30												
11	20DEC	74		243.19	243.12	243.05	242.87	242.70	242.85	243.09	243.34	243.17	243.09												
21	31DEC	74	242.97	242.91	242.98	243.09	243.06	242.82	243.01	243.32	243.13	243.16	243.04	242.94	9	0400	243.78	2	1400	241.58					

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 1030

ANNUAL SUMMARY OF LEVELS
CAPE VINCENT, N.Y. ON ST. LAWRENCE RIVER

YEARLY MEAN ELEVATION 245.44 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 247.35 JUNE 1974
DAILY MEAN ELEVATION 247.50 5 JULY 1974
INSTANT/HOURLY ELEVATION 247.63 0800 3 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.09	26	JAN	1974
245.86	23	FEB	1974
246.10	17	MAR	1974
245.86	2	APR	1974
		MAY	1974
247.46	22	JUNE	1974
247.50	5	JULY	1974
246.83	1	AUG	1974
245.89	1	SEPT	1974
244.28	26	OCT	1974
244.12	15	NOV	1974
243.58	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 243.34 DEC 1974
DAILY MEAN ELEVATION 242.97 2 DEC 1974
INSTANT/HOURLY ELEVATION 242.63 1100 2 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
244.49	8	JAN	1974
245.39	19	FEB	1974
245.46	2	MAR	1974
245.81	1	APR	1974
		MAY	1974
247.28	28	JUNE	1974
246.85	29	JULY	1974
245.96	30	AUG	1974
245.63	5	SEPT	1974
244.04	30	OCT	1974
243.60	30	NOV	1974
242.97	2	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
247.60													0
247.40						2	8						10
247.20						7	10						27
247.00							5						32
246.80							8	3					43
246.60								5					48
246.40								6					54
246.20								8					62
246.00								7					70
245.80								2					85
245.60													105
245.40													118
245.20													119
245.00													121
244.80													129
244.60													146
244.40													147
244.20													150
244.00													159
243.80													172
243.60													185
243.40													195
243.20													214
243.00													215
242.80													216

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

110002

DAILY WATER LEVELS
CAPE VINCENT, N.Y. ON ST. LAWRENCE RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10JAN	74	244.62	244.63	244.70	244.72	244.76	244.81	244.74	244.49	244.63	244.65				
11	20JAN	74	244.66	244.69	244.77	244.92	244.73	244.73	244.73	244.75	244.74	244.77				
21	31JAN	74	244.78	244.90	244.84	244.90	244.90	244.87	245.09	244.97	245.03		26	2000	245.70	8 1300 244.25
1	10FEB	74														
11	20FEB	74									245.39	245.41				
21	28FEB	74	245.54	245.40	245.45	245.86	245.55	245.55	245.59	245.58	245.59		23	0300	246.64	22 0300 245.24
1	10MAR	74	245.61	245.46	245.53	245.58	245.69	245.69	245.77	245.55	245.63	245.80				
11	20MAR	74	245.76	245.67	245.76	245.78	245.72	245.73	246.10	245.90	245.94	245.70				
21	31MAR	74	245.74	245.78	245.86	245.86	245.93	245.77	245.93	245.82	245.65	245.58	245.60	245.81	24	2100 246.77 4 1500 245.30
1	10APR	74	245.81	245.86												
11	20APR	74														
21	30APR	74	245.84										2	1300	246.17	1 2400 245.19
1	10MAY	74														
11	20MAY	74														
21	31MAY	74														
1	10JUNE	74														
11	20JUNE	74														
21	30JUNE	74	247.35	247.46	247.41	247.39	247.35	247.31	247.29	247.28	247.34	247.34	22	1200	247.58	28 1300 247.20
1	10JULY	74	247.34	247.34	247.44	247.44	247.50	247.47	247.49	247.48	247.46	247.38				
11	20JULY	74	247.40	247.36	247.37	247.32	247.26	247.22	247.21	247.22	247.16	247.11				
21	31JULY	74	247.20	247.10	247.05	247.07	246.97	246.90	246.88	246.87	246.85	246.87	246.88	3	0800	247.63 29 1100 246.46
1	10AUG	74	246.83	246.76	246.78	246.82	246.81	246.75	246.74	246.70	246.55	246.52				
11	20AUG	74	246.48	246.48	246.47	246.40	246.34	246.30	246.31	246.30	246.28	246.22				
21	31AUG	74	246.38	246.21	246.20	246.19	246.15	246.06	246.04	246.10	246.02	245.97	245.96	246.02	4	2400 246.98 31 2300 245.83
1	10SEPT	74	245.89	245.78	245.66	245.69	245.63									
11	20SEPT	74														
21	30SEPT	74	245.73										1	2100	245.95	3 1800 245.55
1	10OCT	74														
11	20OCT	74														
21	31OCT	74	244.14			244.22	244.26	244.28	244.09	244.11	244.08	244.04	244.07	26	1800	244.46 27 1000 243.91
1	10NOV	74	244.03	243.92	243.95	243.98	243.86	243.97	243.96	243.92	243.88	243.81				
11	20NOV	74	243.82	243.88	244.06	244.04	244.12	243.81	243.77	243.74	243.62	243.71				
21	30NOV	74	243.83	243.64	243.69	243.78	243.85	243.71	243.69	243.62	243.67	243.71	243.60	14	1100	244.87 21 1000 243.36
1	10DEC	74	243.38	242.97	243.28	243.22	243.27	243.23	243.24	243.36	243.39	243.43				
11	20DEC	74	243.34	243.35	243.30	243.26	243.17	243.33	243.44	243.58	243.45	243.37				
21	31DEC	74	243.34	243.34	243.40	243.46	243.38	243.32	243.43	243.46	243.41	243.40	243.37	243.31	19	2400 243.83 2 1100 242.63

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

ANNUAL SUMMARY OF LEVELS
OSWEGO, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 245.77 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 247.44 JUNE 1974
DAILY MEAN ELEVATION 247.56 1 JUNE 1974
INSTANT/HOURLY ELEVATION 247.95 1000 3 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.54	31	JAN	1974
246.11	23	FEB	1974
246.35	17	MAR	1974
246.82	30	APR	1974
247.53	30	MAY	1974
247.56	1	JUNE	1974
247.50	10	JULY	1974
246.83	1	AUG	1974
245.90	2	SEPT	1974
245.11	2	OCT	1974
244.18	21	NOV	1974
244.25	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 244.00 NOV 1974
DAILY MEAN ELEVATION 243.83 7 DEC 1974
INSTANT/HOURLY ELEVATION 243.65 0300 14 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
244.80	3	JAN	1974
245.45	2	FEB	1974
245.53	3	MAR	1974
245.99	3	APR	1974
246.81	2	MAY	1974
247.34	30	JUNE	1974
246.79	29	JULY	1974
245.94	31	AUG	1974
245.04	28	SEPT	1974
244.07	31	OCT	1974
243.84	11	NOV	1974
243.83	7	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
247.60													0
247.40					9	25	10						44
247.20					7	5	9						65
247.00					4		3						72
246.80				2	11		8	2					95
246.60				13			1	7					116
246.40				2				5					123
246.20			1	9				7					140
246.00		1	8	3				7					159
245.80			14	1				3	3				180
245.60		11	7					6	6				204
245.40	1	16	1					9	9				231
245.20	4							7	7				242
245.00	10							5	5	3			260
244.80	16									3			279
244.60										8			287
244.40										7			294
244.20										6		1	301
244.00										4	16	19	340
243.80											14	11	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

DAILY WATER LEVELS
OSWEGO, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10JAN	74	244.83	244.81	244.80	244.89	244.86	244.86	244.99	244.91	244.81	244.88				
11	20JAN	74	244.90	245.00	245.03	244.93	245.01	245.00	244.99	244.92	245.01	244.89				
21	31JAN	74	245.02	244.96	245.09	245.15	245.12	245.14	245.09	245.26	245.28	245.33	245.32	245.54	31 1700	244.40
1	10FEB	74	245.50	245.45	245.50	245.53	245.59	245.46	245.58	245.53	245.57	245.55				
11	20FEB	74	245.77	245.58	245.60	245.60	245.59	245.54	245.70	245.57	245.50	245.69				
21	28FEB	74	245.61	245.54	245.60	246.11	245.69	245.74	245.54	245.61	245.63		23 1100	246.34	21 2300	245.18
1	10MAR	74	245.74	245.65	245.53	245.66	245.78	245.77	245.87	245.82	245.82	246.06				
11	20MAR	74	245.93	245.96	246.05	245.99	245.89	245.90	246.35	246.09	246.03	245.93				
21	31MAR	74	245.91	246.00	245.99	245.94	246.12	245.97	246.02	245.99	245.91	245.73	245.77	246.02	17 1600	244.69
1	10APR	74	246.01	246.01	245.99	246.09	246.20	246.29	246.28	246.31	246.36	246.38				
11	20APR	74	246.37	246.33	246.39	246.40	246.61	246.60	246.57	246.60	246.63	246.61				
21	30APR	74	246.48	246.61	246.65	246.76	246.81	246.78	246.79	246.77	246.76	246.79	246.82	29 1600	245.57	
1	10MAY	74	246.93	246.81	246.87	246.91	246.82	246.86	246.91	246.85	246.85	246.95				
11	20MAY	74	246.91	247.01	247.14	247.06	247.14	247.20	247.33	247.37	247.38	247.36				
21	31MAY	74	247.19	247.39	247.39	247.44	247.47	247.49	247.49	247.50	247.50	247.51	247.53	247.49	17 0500	246.70
1	10JUNE	74	247.56	247.54	247.52	247.51	247.50	247.47	247.40	247.44	247.42	247.40				
11	20JUNE	74	247.45	247.46	247.44	247.43	247.35	247.42	247.43	247.41	247.44	247.48				
21	30JUNE	74	247.44	247.46	247.52	247.50	247.49	247.45	247.44	247.39	247.34	247.35	247.34	6 1300	247.18	
1	10JULY	74	247.33	247.31	247.50	247.43	247.50	247.50	247.47	247.47	247.46	247.50				
11	20JULY	74	247.44	247.42	247.39	247.33	247.36	247.30	247.26	247.19	247.28	247.22				
21	31JULY	74	247.21	247.15	247.05	246.96	246.94	246.90	246.86	246.84	246.81	246.79	246.83	246.85	3 1000	246.59
1	10AUG	74	246.83	246.79	246.76	246.77	246.82	246.77	246.74	246.70	246.64	246.52				
11	20AUG	74	246.43	246.42	246.44	246.41	246.34	246.30	246.32	246.33	246.30	246.26				
21	31AUG	74	246.38	246.23	246.18	246.16	246.19	246.11	246.04	246.06	246.05	245.99	245.97	245.94	4 2000	245.86
1	10SEPT	74	245.90	245.90	245.83	245.71	245.68	245.62	245.61	245.55	245.54	245.53				
11	20SEPT	74	245.51	245.54	245.60	245.63	245.54	245.51	245.44	245.42	245.32	245.33				
21	30SEPT	74	245.45	245.31	245.36	245.24	245.13	245.07	245.09	245.05	245.04	245.21	245.21	2 1200	244.88	
1	10OCT	74	245.01	245.11	245.03	244.90	244.83	244.79	244.90	244.77	244.70	244.74				
11	20OCT	74	244.62	244.64	244.53	244.47	244.63	244.54	244.56	244.60	244.52	244.51				
21	31OCT	74	244.54	244.40	244.32	244.33	244.24	244.27	244.27	244.21	244.11	244.10	244.07	244.07	2 0900	243.97
1	10NOV	74	244.07	244.04	243.97	244.06	244.03	244.06	244.05	244.03	243.99	243.91				
11	20NOV	74	243.84	243.91	243.99	243.95	244.01	244.03	243.92	243.94	243.89	243.91				
21	30NOV	74	244.00	244.18	244.03	243.93	244.00	244.12	244.17	243.99	244.02	244.05	243.96	5 0700	243.65	
1	10DEC	74	243.87	243.94	244.15	244.01	243.96	243.90	243.83	243.96	244.10	244.11				
11	20DEC	74	243.97	243.99	244.03	244.05	243.91	243.96	244.09	244.25	244.07	244.10				
21	31DEC	74	244.03	244.08	244.12	244.06	244.07	244.11	244.08	244.10	244.06	244.04	244.10	243.98	18 1100	243.70

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

ANNUAL SUMMARY OF LEVELS
ROCHESTER, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 245.79 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 247.50 JUNE 1974
DAILY MEAN ELEVATION 247.60 2 JUNE 1974
INSTANT/HOURLY ELEVATION 247.96 0400 17 MAY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.42	31	JAN	1974
245.77	24	FEB	1974
246.08	17	MAR	1974
246.89	30	APR	1974
247.57	30	MAY	1974
247.60	2	JUNE	1974
247.54	5	JULY	1974
246.89	1	AUG	1974
245.96	1	SEPT	1974
245.04	2	OCT	1974
244.13	25	NOV	1974
244.28	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 244.01 NOV 1974
DAILY MEAN ELEVATION 243.91 13 NOV 1974
INSTANT/HOURLY ELEVATION 243.61 0300 11 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
244.76	1	JAN	1974
245.53	2	FEB	1974
245.64	3	MAR	1974
245.97	1	APR	1974
246.89	3	MAY	1974
247.37	30	JUNE	1974
246.79	29	JULY	1974
245.91	31	AUG	1974
245.04	25	SEPT	1974
244.12	31	OCT	1974
243.91	13	NOV	1974
243.93	7	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
247.80													0
247.60						1							1
247.40					14	26	11						52
247.20					3	3	8						66
247.00					4		3						73
246.80				7	10		8	4					102
246.60				8			1	5					116
246.40				6				6					128
246.20				5				7					140
246.00			9	3				7					159
245.80			17	1				2	3				182
245.60		18	5						6				211
245.40	1	10							9				231
245.20	5								5				241
245.00	10								7				260
244.80	13									2			278
244.60	2									5			286
244.40										6			293
244.20										7			301
244.00										4	18	25	348
243.80											12	5	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2058

DAILY WATER LEVELS
ROCHESTER, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY	LOW TIME ELEV.
1	10JAN	74	244.76	244.78	244.81	244.83	244.81	244.83	244.86	244.92	244.93	244.92			
11	20JAN	74	245.00	244.97	244.94	244.94	245.04	245.06	245.02	245.03	245.05	244.97			
21	31JAN	74	245.03	244.98	245.06	245.10	245.17	245.18	245.20	245.21	245.32	245.36	245.39	245.42	31 2300 245.63 11 1000 244.48
1	10FEB	74	245.54	245.53	245.54	245.54	245.58	245.56	245.59	245.60	245.59	245.58			
11	20FEB	74	245.65	245.63	245.64	245.67	245.62	245.59	245.63	245.63	245.61	245.65			
21	28FEB	74	245.63	245.62	245.67	245.76	245.77	245.75	245.72	245.68	245.68		24 0800 245.89	22 0500 245.42	
1	10MAR	74	245.73	245.75	245.64	245.78	245.78	245.84	245.90	245.93	245.91	245.98			
11	20MAR	74	245.99	245.98	246.00	245.98	245.94	245.94	246.08	246.05	246.00	246.03			
21	31MAR	74	245.93	246.00	245.98	245.99	246.04	246.02	245.96	246.00	245.96	245.86	245.88	245.96	5 0700 246.57 4 1700 245.23
1	10APR	74	245.97	246.00	246.11	246.13	246.22	246.29	246.29	246.39	246.41	246.38			
11	20APR	74	246.40	246.42	246.46	246.48	246.53	246.61	246.61	246.66	246.66	246.66			
21	30APR	74	246.52	246.66	246.68	246.77	246.82	246.81	246.83	246.83	246.82	246.86	246.89	14 1900 247.20	1 2000 245.12
1	10MAY	74	246.89	246.90	246.89	246.92	246.91	246.90	246.93	246.92	246.92	246.96			
11	20MAY	74	247.01	247.07	247.11	247.16	247.20	247.25	247.38	247.40	247.42	247.41			
21	31MAY	74	247.23	247.42	247.43	247.47	247.49	247.52	247.54	247.55	247.56	247.56	247.57	247.55	17 0400 247.96 11 2300 246.69
1	10JUNE	74	247.59	247.60	247.58	247.58	247.56	247.56	247.52	247.51	247.49	247.47			
11	20JUNE	74	247.51	247.55	247.52	247.50	247.45	247.48	247.46	247.46	247.52	247.51			
21	30JUNE	74	247.50	247.54	247.56	247.53	247.50	247.48	247.44	247.40	247.38	247.38	247.37	21 1100 247.85	28 2000 247.22
1	10JULY	74	247.37	247.40	247.48	247.50	247.54	247.49	247.46	247.44	247.44	247.48			
11	20JULY	74	247.44	247.40	247.35	247.34	247.36	247.30	247.25	247.18	247.30	247.21			
21	31JULY	74	247.22	247.12	247.06	246.97	246.96	246.92	246.89	246.84	246.86	246.79	246.88	246.89	3 0700 247.83 29 1600 246.44
1	10AUG	74	246.89	246.82	246.73	246.78	246.81	246.80	246.72	246.67	246.66	246.57			
11	20AUG	74	246.48	246.44	246.45	246.42	246.40	246.37	246.36	246.36	246.34	246.29			
21	31AUG	74	246.40	246.24	246.19	246.16	246.21	246.14	246.04	246.02	246.08	246.02	245.98	245.91	1 1700 246.95 27 0300 245.80
1	10SEPT	74	245.96	245.91	245.89	245.76	245.73	245.67	245.63	245.59	245.55	245.59			
11	20SEPT	74	245.58	245.58	245.60	245.60	245.49	245.52	245.43	245.41	245.32	245.29			
21	30SEPT	74	245.45	245.31	245.31	245.23	245.13	245.04	245.09	245.10	245.07	245.05	245.12	1 0100 246.08	29 1000 244.89
1	10OCT	74	245.01	245.04	244.97	244.87	244.82	244.80	244.83	244.77	244.71	244.67			
11	20OCT	74	244.67	244.62	244.59	244.52	244.61	244.56	244.52	244.55	244.49	244.44			
21	31OCT	74	244.53	244.37	244.29	244.32	244.26	244.27	244.23	244.21	244.16	244.14	244.12	244.12	2 0900 245.11 31 2100 244.03
1	10NOV	74	244.09	244.10	244.05	244.05	244.02	244.03	244.03	244.03	244.01	244.00			
11	20NOV	74	243.91	243.93	243.91	243.94	243.92	243.94	243.93	243.93	243.94	243.94			
21	30NOV	74	244.01	244.12	244.05	243.99	244.00	244.13	244.11	244.05	244.05	244.07	243.99	10 2200 244.36	11 0300 243.61
1	10DEC	74	244.01	244.28	244.02	244.02	243.93	243.95	243.93	243.96	244.01	244.04			
11	20DEC	74	244.01	244.03	244.04	244.07	244.01	243.99	244.06	244.08	244.08	244.13			
21	31DEC	74	244.05	244.12	244.12	244.07	244.06	244.13	244.10	244.06	244.04	244.03	244.06	244.03	2 1200 244.60 7 1400 243.77

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2058

ANNUAL SUMMARY OF LEVELS
OLCOTT, N.Y. ON LAKE ONTARIO

YEARLY MEAN ELEVATION 245.82 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 247.55 JUNE 1974
DAILY MEAN ELEVATION 247.64 7 JUNE 1974
INSTANT/HOURLY ELEVATION 247.87 0800 18 MAY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
245.43	30	JAN	1974
245.79	24	FEB	1974
246.08	20	MAR	1974
246.92	30	APR	1974
247.61	31	MAY	1974
247.64	7	JUNE	1974
247.55	4	JULY	1974
246.86	2	AUG	1974
245.96	1	SEPT	1974
245.02	1	OCT	1974
244.13	5	NOV	1974
244.19	21	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 244.04 NOV 1974
DAILY MEAN ELEVATION 243.89 16 NOV 1974
INSTANT/HOURLY ELEVATION 243.65 1100 14 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
244.73	1	JAN	1974
245.52	1	FEB	1974
245.72	1	MAR	1974
246.11	2	APR	1974
246.85	1	MAY	1974
247.43	29	JUNE	1974
246.92	31	JULY	1974
245.98	31	AUG	1974
244.99	30	SEPT	1974
244.16	31	OCT	1974
243.89	16	NOV	1974
243.95	10	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
247.80													0
247.60					3	7							10
247.40					11	23	10						54
247.20					4		9						67
247.00					3		5						75
246.80					10		7	5					104
246.60				7				4					115
246.40				8				8					131
246.20				5				7					143
246.00			9	3				5					160
245.80			20					2	3				185
245.60		21	2						10				218
245.40	1	7							4				230
245.20	5								7				242
245.00	12								4	1			259
244.80	10								2	5			276
244.60	3									10			289
244.40										4			293
244.20										8			301
244.00										3	20	25	349
243.80											10	6	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

DAILY WATER LEVELS
OLCOTT, N.Y. ON LAKE ONTARIO

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.									
1	10JAN	74	244.73	244.79	244.84	244.81	244.83	244.86	244.76	244.94	245.00	244.99										
11	20JAN	74	244.97	244.97	244.96	244.94	245.04	245.13	245.16	245.13	245.05	245.21										
21	31JAN	74	245.06	245.07	245.14	245.15	245.18	245.19	245.27	245.17	245.33	245.38	245.43	245.36	30	2200	245.52	7	1200	244.63		
1	10FEB	74	245.52	245.62	245.59	245.55	245.54	245.68	245.62	245.64	245.64	245.65										
11	20FEB	74	245.58	245.67	245.64	245.68	245.64	245.64	245.59	245.65	245.69	245.60										
21	28FEB	74	245.65	245.71	245.72	245.56	245.79	245.73	245.70	245.75	245.75	22 0900 245.90 23 0100 245.19										
1	10MAR	74	245.72	245.80	245.80	245.75	245.80	245.90	245.89	246.00	246.01	245.91										
11	20MAR	74	245.96	245.99	245.96	245.93	245.98	246.02	245.81	245.95	245.95	246.08										
21	31MAR	74	245.94	246.00	245.99	246.01	245.97	246.01	245.94	245.96	245.99	246.06	246.07	245.97	20	0800	246.87	4	1300	245.51		
1	10APR	74	246.11	246.11	246.21	246.18	246.22	246.27	246.32	246.44	246.42	246.37										
11	20APR	74	246.44	246.54	246.49	246.52	246.47	246.57	246.63	246.65	246.68	246.70										
21	30APR	74	246.55	246.71	246.74	246.75	246.82	246.84	246.85	246.88	246.86	246.89	246.92	29	1300	247.09	2	0700	245.85			
1	10MAY	74	246.85	246.98	246.90	246.93	246.95	246.92	246.91	246.96	246.99	246.99										
11	20MAY	74	247.11	247.08	247.10	247.24	247.20	247.26	247.37	247.44	247.44	247.46										
21	31MAY	74	247.26	247.46	247.47	247.48	247.53	247.54	247.55	247.56	247.56	247.60	247.60	247.61	18	0800	247.87	3	2100	246.67		
1	10JUNE	74	247.58	247.62	247.63	247.64	247.62	247.62	247.64	247.60	247.58	247.58										
11	20JUNE	74	247.57	247.54	247.56	247.53	247.52	247.57	247.54	247.55	247.57	247.55										
21	30JUNE	74	247.55	247.57	247.57	247.52	247.50	247.51	247.46	247.45	247.45	247.43	247.45	10	2000	247.81	30	1100	247.30			
1	10JULY	74	247.46	247.44	247.53	247.55	247.53	247.49	247.45	247.45	247.43	247.50										
11	20JULY	74	247.38	247.37	247.35	247.36	247.34	247.28	247.24	247.24	247.22	247.13										
21	31JULY	74	247.24	247.10	247.06	247.01	247.02	246.98	246.94	246.92	246.92	246.96	246.93	246.92	3	2200	247.73	31	0500	246.76		
1	10AUG	74	246.86	246.86	246.81	246.82	246.80	246.77	246.72	246.69	246.67	246.58										
11	20AUG	74	246.56	246.53	246.51	246.52	246.51	246.44	246.40	246.37	246.36	246.33										
21	31AUG	74	246.44	246.28	246.27	246.25	246.21	246.15	246.10	246.16	246.06	246.01	245.98	245.98	2	1300	246.94	30	0800	245.79		
1	10SEPT	74	245.96	245.87	245.82	245.76	245.76	245.76	245.69	245.67	245.68	245.67										
11	20SEPT	74	245.62	245.63	245.61	245.55	245.50	245.50	245.43	245.38	245.32	245.30										
21	30SEPT	74	245.47	245.29	245.28	245.24	245.21	245.16	245.15	245.10	245.10	244.99	244.99	1	0100	246.10	29	1700	244.70			
1	10OCT	74	245.02	244.99	244.91	244.91	244.90	244.86	244.77	244.78	244.75	244.71										
11	20OCT	74	244.70	244.66	244.66	244.60	244.60	244.62	244.54	244.52	244.48	244.44										
21	31OCT	74	244.55	244.37	244.30	244.32	244.31	244.25	244.22	244.25	244.21	244.19	244.19	244.16	2	0200	245.11	26	2100	244.06		
1	10NOV	74	244.13	244.13	244.08	244.06	244.13	244.06	244.03	244.05	244.05	244.10										
11	20NOV	74	243.99	243.99	243.98	243.97	243.90	243.89	243.94	243.94	243.97	243.98										
21	30NOV	74	244.04	244.07	244.07	244.05	244.07	244.10	244.07	244.10	244.09	244.09	244.12	3	0600	244.29	14	1100	243.65			
1	10DEC	74	244.13	244.11	243.95	243.99	243.99	244.02	244.00	243.99	243.94	243.95										
11	20DEC	74	244.03	244.05	244.07	244.10	244.18	244.16	244.11	244.02	244.15	244.17										
21	31DEC	74	244.07	244.19	244.13	244.10	244.09	244.15	244.09	244.02	244.04	244.05	244.01	244.09	23	0600	244.33	7	1000	243.80		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

11000

ANNUAL SUMMARY OF LEVELS
ASHLAND AVE. NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 323.61 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 327.64 APR 1974
DAILY MEAN ELEVATION 332.36 15 APR 1974
INSTANT/HOURLY ELEVATION 338.40 0300 15 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
326.95	15	JAN	1974
330.74	23	FEB	1974
326.84	24	MAR	1974
332.36	15	APR	1974
328.43	13	MAY	1974
327.54	11	JUNE	1974
326.95	8	JULY	1974
325.62	5	AUG	1974
324.11	29	SEPT	1974
324.04	17	OCT	1974
325.26	15	NOV	1974
323.30	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 319.78 NOV 1974
DAILY MEAN ELEVATION 315.40 1 DEC 1974
INSTANT/HOURLY ELEVATION 315.21 0100 20 OCT 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
316.34	18	JAN	1974
317.82	2	FEB	1974
319.70	29	MAR	1974
325.06	9	APR	1974
326.06	11	MAY	1974
325.14	23	JUNE	1974
323.23	28	JULY	1974
322.16	24	AUG	1974
321.68	21	SEPT	1974
320.62	20	OCT	1974
315.89	3	NOV	1974
315.40	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
332.50													0
332.00				1									1
331.50													1
331.00													1
330.50		1											2
330.00													2
329.50				1									3
329.00				1									4
328.50				3									7
328.00				2	1								10
327.50				8	4	1							23
327.00				6	9	1							39
326.50	1		1	4	11	9	4						69
326.00			2	2	6	10	6						95
325.50			1			8	5	1					110
325.00		1	3	2		1	6			1			124
324.50	1		3				4	4					136
324.00	1	1	3				4	6	1	1			153
323.50	2	1	3				1	8	3	2	1		174
323.00	1	2	5				1	5	4	1		2	195
322.50	4	4	3					4	7	5	1	3	226
322.00	9	4	2					3	12	6	1	3	266
321.50	2	5	3						3	5		3	287
321.00	3	4	1							3	4	7	309
320.50	2	1								8	3	4	327
320.00	1	2									3	4	337
319.50		1	1								2		341
319.00	3										6	2	352
318.50													352

DAILY WATER LEVELS

ASHLAND AVE. NIAGARA FALLS, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10JAN	74	322.30	322.27	320.84	321.39	321.34	321.74	323.64	323.46	322.29	320.78				
11	20JAN	74	320.30	321.54	322.09	322.61	326.95	322.91	319.34	316.34	319.23	319.25				
21	31JAN	74 321.98	322.55	324.01	322.67	322.45	322.33	321.29	324.85	322.24	322.33	322.36	323.60	27 0900	332.69	18 0500 315.41
1	10FEB	74	323.19	317.82	320.40	320.55	321.90	320.43	322.64	322.09	322.75	322.67				
11	20FEB	74	324.12	322.08	321.56	319.92	321.06	321.48	321.67	321.48	321.47	322.25				
21	28FEB	74 322.25	321.75	322.89	330.74	325.15	323.70	323.09	322.17	321.88			23 1500	338.07	2 0800	316.52
1	10MAR	74	322.79	321.78	322.21	322.77	324.66	325.18	323.99	321.24	321.59	323.34				
11	20MAR	74	323.14	322.22	323.45	324.37	323.03	325.10	326.16	326.18	324.11	322.55				
21	31MAR	74 323.68	324.73	325.02	324.42	326.84	323.84	324.91	323.78	321.76	319.70	323.42	325.75	24 1900	334.47	29 0500 317.12
1	10APR	74	326.72	327.71	327.73	327.74	329.49	328.64	327.51	325.18	325.06	327.59				
11	20APR	74	327.27	326.72	327.89	328.24	332.36	329.90	328.76	328.41	327.69	327.30				
21	30APR	74 327.64	327.29	327.31	328.63	327.59	326.79	327.10	326.41	326.31	327.07	326.77	15 0300	338.40	9 0300	317.28
1	10MAY	74	327.05	326.39	326.77	326.73	326.13	327.10	327.67	326.31	327.91	327.15				
11	20MAY	74	326.06	327.26	328.43	326.95	327.98	326.63	327.13	327.20	326.08	326.45				
21	31MAY	74 326.98	326.76	326.99	327.70	327.46	326.92	327.04	327.04	326.88	326.92	326.73	326.71	15 1900	332.15	16 2300 321.16
1	10JUNE	74	326.57	326.75	326.69	326.73	326.48	326.35	325.98	326.39	326.30	326.63				
11	20JUNE	74	327.54	327.37	326.20	326.27	326.33	326.54	326.76	326.68	325.98	326.27				
21	30JUNE	74 326.33	326.51	326.49	325.14	325.96	325.89	325.83	325.76	325.56	325.74	326.08	17 1400	330.39	23 0700	319.77
1	10JULY	74	326.46	326.58	326.90	326.76	326.42	326.04	325.93	326.95	326.14	326.24				
11	20JULY	74	324.95	325.71	325.39	325.65	326.20	325.66	325.25	325.31	325.53	324.02				
21	31JULY	74 325.42	324.67	325.02	324.68	324.45	324.42	324.25	323.66	323.23	324.81	325.30	325.45	5 1700	330.08	28 2400 318.13
1	10AUG	74	324.52	324.15	323.32	324.16	325.62	324.32	323.89	323.94	323.85	322.49				
11	20AUG	74	322.76	324.84	324.84	324.06	323.88	323.78	323.58	323.11	324.58	324.06				
21	31AUG	74 323.71	323.37	323.22	322.96	322.16	322.38	323.82	324.35	322.93	322.89	323.45	323.81	4 2100	328.89	24 2300 316.13
1	10SEPT	74	322.97	322.26	321.79	322.50	322.80	322.28	322.33	322.48	323.31	322.96				
11	20SEPT	74	323.08	323.12	323.21	322.17	323.50	321.89	322.67	322.30	322.36	322.83				
21	30SEPT	74 322.66	321.68	322.08	322.46	322.17	323.68	322.62	322.15	322.20	324.11	323.77	25 1400	328.69	3 0100	315.34
1	10OCT	74	323.54	323.20	322.50	322.73	322.73	322.45	323.54	322.17	322.50	322.43				
11	20OCT	74	321.91	321.31	320.93	322.39	322.16	321.26	324.04	321.63	320.97	320.62				
21	31OCT	74 321.94	321.24	322.90	322.01	320.98	321.82	321.74	321.53	320.85	320.76	320.68	320.71	17 1900	328.78	20 0100 315.21
1	10NOV	74	317.75	315.99	315.89	318.42	318.01	320.50	319.23	319.29	317.66	316.68				
11	20NOV	74	319.52	320.93	322.51	322.41	325.26	321.25	320.30	320.85	319.08	321.04				
21	30NOV	74 319.78	323.91	321.01	319.20	320.49	319.45	319.69	319.02	321.25	320.06	316.90	15 1700	329.59	5 0500	315.35
1	10DEC	74	315.40	316.65	320.21	320.82	320.94	320.49	319.03	320.45	322.60	322.93				
11	20DEC	74	321.14	320.55	320.49	319.22	317.95	320.76	322.14	323.30	323.19	322.39				
21	31DEC	74 320.92	321.02	321.22	321.38	321.44	321.65	322.37	322.80	321.48	321.85	321.62	321.03	19 2000	329.75	1 1900 315.30

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3007

110011

ANNUAL SUMMARY OF LEVELS
AMERICAN FALLS, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 555.41 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 555.53 JULY 1974
DAILY MEAN ELEVATION 555.92 15 NOV 1974
INSTANT/HOURLY ELEVATION 556.15 0600.30 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
555.77	7	JAN	1974
555.66	7	FEB	1974
555.63	6	MAR	1974
555.70	15	APR	1974
555.73	13	MAY	1974
555.83	30	JUNE	1974
555.75	1	JULY	1974
555.61	25	AUG	1974
555.62	29	SEPT	1974
555.57	15	OCT	1974
555.92	15	NOV	1974
555.83	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 555.28 FEB 1974
DAILY MEAN ELEVATION 554.83 13 NOV 1974
INSTANT/HOURLY ELEVATION 554.30 2200 2 APR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
554.92	18	JAN	1974
554.99	18	FEB	1974
555.14	29	MAR	1974
555.02	4	APR	1974
554.83	9	MAY	1974
555.28	2	JUNE	1974
555.37	26	JULY	1974
555.37	22	AUG	1974
555.32	3	SEPT	1974
555.30	24	OCT	1974
554.83	13	NOV	1974
555.14	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
556.00													0
555.80						1					1	2	4
555.60	2	3	2	3	5	9	10	1	2		1	3	45
555.40	10	6	10	7	3	6	18	23	24	17	18	17	204
555.20	13	10	18	11	19	14	3	7	4	14	8	8	333
555.00	4	8	1	9	2							1	358
554.80	2	1			2						2		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

DAILY WATER LEVELS

AMERICAN FALLS, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74		555.52	555.50	555.33	555.46	555.44	555.45	555.77	555.72	555.38	555.18							
11	20JAN	74		555.28	555.42	555.27	555.29	555.52	555.29	555.07	554.92	554.99	555.09							
21	31JAN	74	555.35	555.28	555.49	555.33	555.34	555.28	555.15	555.47	555.34	555.31	555.34	555.55	7	2100	556.11	18	2100	554.82
1	10FEB	74		555.59	555.08	555.22	555.24	555.49	555.26	555.66	555.36	555.27	555.50							
11	20FEB	74		555.60	555.20	555.01	555.07	555.04	555.00	555.00	554.99	555.01	555.24							
21	28FEB	74	555.28	555.14	555.21	555.62	555.55	555.51	555.40	555.35	555.32				7	1800	555.88	18	2100	554.96
1	10MAR	74		555.31	555.29	555.31	555.31	555.47	555.63	555.59	555.32	555.27	555.43							
11	20MAR	74		555.59	555.35	555.39	555.40	555.30	555.34	555.61	555.39	555.31	555.31							
21	31MAR	74	555.38	555.31	555.57	555.34	555.40	555.52	555.45	555.28	555.24	555.14	555.30	555.48	17	2200	556.04	29	1100	554.99
1	10APR	74		555.33	555.08	555.13	555.02	555.41	555.44	555.28	555.31	555.17	555.29							
11	20APR	74		555.27	555.20	555.28	555.46	555.70	555.25	555.13	555.16	555.15	555.12							
21	30APR	74	555.32	555.19	555.64	555.66	555.51	555.58	555.43	555.29	555.40	555.36	555.31		15	2300	555.97	2	2200	554.30
1	10MAY	74		555.23	555.14	555.27	555.17	555.23	555.52	555.72	555.56	554.83	554.88							
11	20MAY	74		555.32	555.73	555.73	555.72	555.61	555.22	555.49	555.25	555.25	555.26							
21	31MAY	74	555.34	555.25	555.28	555.28	555.29	555.34	555.35	555.33	555.32	555.32	555.36	555.36	15	1600	555.76	10	1200	554.79
1	10JUNE	74		555.31	555.28	555.30	555.30	555.30	555.39	555.37	555.37	555.31	555.32							
11	20JUNE	74		555.68	555.34	555.39	555.33	555.39	555.46	555.46	555.49	555.52	555.58							
21	30JUNE	74	555.48	555.60	555.60	555.56	555.73	555.64	555.67	555.62	555.64	555.72	555.83		30	0600	556.15	2	2100	554.96
1	10JULY	74		555.75	555.69	555.72	555.68	555.65	555.64	555.66	555.55	555.70	555.63							
11	20JULY	74		555.45	555.55	555.59	555.63	555.58	555.51	555.51	555.57	555.50	555.42							
21	31JULY	74	555.53	555.40	555.38	555.40	555.42	555.39	555.37	555.41	555.47	555.45	555.47	555.44	1	0500	556.02	22	2000	554.98
1	10AUG	74		555.41	555.38	555.41	555.53	555.54	555.39	555.40	555.42	555.39	555.37							
11	20AUG	74		555.40	555.45	555.48	555.43	555.43	555.45	555.50	555.46	555.44	555.39							
21	31AUG	74	555.45	555.37	555.37	555.46	555.53	555.61	555.57	555.53	555.46	555.49	555.46	555.56	25	0600	555.95	11	2000	554.92
1	10SEPT	74		555.47	555.42	555.32	555.35	555.37	555.42	555.42	555.47	555.49	555.44							
11	20SEPT	74		555.40	555.45	555.47	555.44	555.61	555.47	555.50	555.48	555.47	555.49							
21	30SEPT	74	555.46	555.50	555.44	555.43	555.44	555.54	555.48	555.47	555.39	555.62	555.52		29	2100	555.98	28	2000	554.92
1	10OCT	74		555.54	555.46	555.47	555.53	555.50	555.50	555.48	555.46	555.52	555.53							
11	20OCT	74		555.49	555.54	555.56	555.43	555.57	555.35	555.48	555.30	555.36	555.32							
21	31OCT	74	555.43	555.36	555.45	555.38	555.30	555.34	555.34	555.34	555.36	555.36	555.34	555.34	4	0700	555.81	26	1900	554.78
1	10NOV	74		555.48	555.44	555.48	555.43	555.47	555.46	555.45	555.44	555.42	555.41							
11	20NOV	74		555.34	554.83	554.83	555.53	555.92	555.54	555.43	555.38	555.39	555.50							
21	30NOV	74	555.41	555.74	555.41	555.43	555.38	555.36	555.33	555.35	555.45	555.44	555.28		15	1900	556.03	12	2000	554.42
1	10DEC	74		555.14	555.21	555.46	555.45	555.47	555.41	555.38	555.45	555.76	555.83							
11	20DEC	74		555.46	555.44	555.36	555.32	555.36	555.44	555.59	555.83	555.60	555.59							
21	31DEC	74	555.46	555.32	555.38	555.41	555.40	555.42	555.57	555.63	555.40	555.46	555.43	555.32	20	0400	555.97	1	2400	554.79

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

110013

ANNUAL SUMMARY OF LEVELS
 NIAGARA INTAKE, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 561.63 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 561.95 APR 1974
 DAILY MEAN ELEVATION 563.43 15 APR 1974
 INSTANT/HOURLY ELEVATION 564.00 1340 23 FEB 1974

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
562.98	15	JAN	1974
563.20	23	FEB	1974
562.76	6	MAR	1974
563.43	15	APR	1974
562.85	13	MAY	1974
562.55	11	JUNE	1974
561.84	9	JULY	1974
561.79	5	AUG	1974
561.88	29	SEPT	1974
561.66	14	OCT	1974
562.72	15	NOV	1974
562.33	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 561.25 NOV 1974
 DAILY MEAN ELEVATION 560.18 12 NOV 1974
 INSTANT/HOURLY ELEVATION 559.59 0140 13 NOV 1974

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
560.51	18	JAN	1974
560.80	2	FEB	1974
561.22	29	MAR	1974
561.42	20	APR	1974
560.77	9	MAY	1974
561.38	18	JUNE	1974
561.39	11	JULY	1974
561.23	10	AUG	1974
561.25	3	SEPT	1974
561.08	20	OCT	1974
560.18	12	NOV	1974
560.53	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
563.60													0
563.40				1									1
563.20		1											2
563.00													2
562.80	1			1	1								5
562.60			1	1	1						1		9
562.40	1	4	3	2	2	1							22
562.20	4	2	3	2	2						1	2	38
562.00	1	1	4	2	2							1	49
561.80	5	6	4	9		2	2		2			4	83
561.60	8	5	13	5	13	19	17	6	3	1	1	1	175
561.40	2	6	2	7	7	6	11	18	19	13	3	8	277
561.20	2	2	1		1	1	1	7	6	7	12	7	324
561.00	4									10	9	6	353
560.80	2	1			1						1		358
560.60					1							1	360
560.40	1											1	362
560.20											1		363
560.00											1		364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

DAILY WATER LEVELS

NIAGARA INTAKE, NIAGARA FALLS, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74		561.68	561.64	561.14	561.58	561.39	561.45	562.40	562.28	561.61	560.98							
11	20JAN	74		561.19	561.81	561.89	561.77	562.98	562.10	560.85	560.51	561.06	561.22							
21	31JAN	74	561.68	561.73	562.25	561.84	561.80	561.70	561.14	562.31	561.73	561.75	561.84	562.39	15	1210	563.83	18	0215	560.32
1	10FEB	74		562.18	560.80	561.27	561.29	561.79	561.48	562.46	561.90	561.83	562.20							
11	20FEB	74		562.41	561.80	561.63	561.48	561.45	561.51	561.62	561.44	561.47	561.84							
21	28FEB	74	561.84	561.61	561.96	563.20	562.59	562.48	562.25	561.89	561.76			23	1340	564.00	2	1245	560.44	
1	10MAR	74		561.94	561.60	561.68	561.85	562.55	562.76	562.36	561.58	561.70	562.10							
11	20MAR	74		562.23	561.70	561.72	561.79	561.71	561.86	562.57	561.86	561.75	561.70							
21	31MAR	74	561.94	561.77	562.58	561.74	562.13	562.27	562.09	561.76	561.52	561.22	561.77	562.16	17	1806	563.48	29	0400	560.59
1	10APR	74		561.86	561.84	561.93	561.88	562.68	562.13	561.79	561.67	561.48	561.80							
11	20APR	74		561.71	561.57	561.81	562.26	563.43	561.83	561.51	561.58	561.47	561.42							
21	30APR	74	561.95	561.56	562.41	562.87	562.40	562.33	562.00	561.68	561.93	561.97	561.75		15	0055	563.84	20	2105	560.75
1	10MAY	74		561.61	561.39	561.69	561.44	561.58	562.37	562.66	562.01	560.77	560.89							
11	20MAY	74		561.70	562.54	562.85	562.51	562.24	561.46	562.06	561.55	561.48	561.55							
21	31MAY	74	561.77	561.56	561.65	561.67	561.68	561.74	561.78	561.70	561.70	561.70	561.77	561.73	13	0138	563.07	8	2122	560.54
1	10JUNE	74		561.68	561.62	561.62	561.61	561.59	561.73	561.72	561.72	561.63	561.71							
11	20JUNE	74		562.55	561.70	561.73	561.60	561.66	561.88		561.38	561.63	561.71							
21	30JUNE	74	561.68	561.73	561.69	561.50	561.78	561.56	561.59	561.48	561.48	561.65	561.88		11	0642	563.44	22	2112	560.91
1	10JULY	74		561.74	561.66	561.75	561.70	561.65	561.64	561.72	561.55	561.84	561.74							
11	20JULY	74		561.39	561.64	561.73	561.83	561.75	561.61	561.58	561.73	561.64	561.43							
21	31JULY	74	561.62	561.50	561.51	561.50	561.57	561.52	561.47	561.45	561.53	561.63	561.67	561.67	8	1116	562.50	28	2110	560.84
1	10AUG	74		561.55	561.46	561.44	561.74	561.79	561.46	561.46	561.47	561.40	561.23							
11	20AUG	74		561.28	561.56	561.60	561.45	561.46	561.48	561.52	561.38	561.49	561.34							
21	31AUG	74	561.48	561.27	561.24	561.39	561.46	561.63	561.67	561.59	561.40	561.48	561.52	561.76	26	0700	562.32	11	2100	560.62
1	10SEPT	74		561.52	561.42	561.25	561.39	561.46	561.51	561.45	561.57	561.64	561.50							
11	20SEPT	74		561.44	561.51	561.55	561.41	561.87	561.48	561.53	561.51	561.50	561.51							
21	30SEPT	74	561.51	561.48	561.38	561.39	561.39	561.68	561.52	561.48	561.34	561.88	561.65		29	2000	562.39	22	1905	560.60
1	10OCT	74		561.56	561.44	561.44	561.58	561.54	561.51	561.51	561.38	561.49	561.53							
11	20OCT	74		561.38	561.37	561.38	561.66	561.48	561.46	561.46	561.19	561.17	561.08							
21	31OCT	74	561.35	561.19	561.52	561.32	561.12	561.24	561.20	561.15	561.18	561.17	561.14	561.13	7	0705	562.32	24	1910	560.32
1	10NOV	74		561.26	561.08	561.24	561.16	561.29	561.33	561.26	561.25	561.11	561.08							
11	20NOV	74		561.04	560.18	560.30	561.65	562.72	561.58	561.29	561.20	561.17	561.54							
21	30NOV	74	561.25	562.28	561.27	561.29	561.21	561.11	561.05	561.08	561.44	561.34	560.87		15	1635	563.43	13	0140	559.59
1	10DEC	74		560.53	560.76	561.41	561.40	561.44	561.22	561.08	561.34	562.12	562.23							
11	20DEC	74		561.44	561.36	561.14	561.01	561.05	561.40	561.82	562.33	561.97	561.85							
21	31DEC	74	561.43	561.12	561.22	561.39	561.31	561.43	561.78	561.98	561.34	561.52	561.41	561.10	19	2102	563.45	1	1945	559.86

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

140075

ANNUAL SUMMARY OF LEVELS
BLACK ROCK CANAL, BUFFALO, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 566.39 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 566.92 MAY 1974
DAILY MEAN ELEVATION 568.13 15 APR 1974
INSTANT/HOURLY ELEVATION 569.02 0245 15 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.88	27	JAN	1974
567.77	23	FEB	1974
567.45	17	MAR	1974
568.13	15	APR	1974
567.57	13	MAY	1974
567.62	11	JUNE	1974
567.07	3	JULY	1974
566.86	4	AUG	1974
566.83	16	SEPT	1974
566.45	17	OCT	1974
567.34	15	NOV	1974
566.56	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 565.81 NOV 1974
DAILY MEAN ELEVATION 564.13 1 DEC 1974
INSTANT/HOURLY ELEVATION 563.20 2130 1 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
565.22	18	JAN	1974
565.15	2	FEB	1974
565.80	29	MAR	1974
566.13	8	APR	1974
566.54	2	MAY	1974
566.55	23	JUNE	1974
566.48	23	JULY	1974
566.21	10	AUG	1974
565.80	3	SEPT	1974
565.56	13	OCT	1974
564.98	30	NOV	1974
564.13	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
568.20													0
568.00				1									1
567.80													1
567.60		1				1							3
567.40			1	1	1								6
567.20					4						1		11
567.00			3	6	5	2	1						28
566.80	3	2	3	11	11	19	15	2	1				95
566.60	1	1	7	8	9	6	7	4	1		1		140
566.40	2	6	8	2	1	2	8	19	5	1	1	3	198
566.20	10	7	3					6	16	2		3	245
566.00	5	5	4	1					6	8	4	3	281
565.80	2	2	2						1	9	3	11	311
565.60	4	3								8	9	5	340
565.40	2									3	9	4	358
565.20	2												360
565.00		1											361
564.80											1		362
564.60													362
564.40												1	363
564.20													363
564.00												1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3017

110016

DAILY WATER LEVELS

BLACK ROCK CANAL, BUFFALO, N.Y. ON NIAGARA RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW ELEV.
1	10JAN	74	566.18	566.03	565.65	566.06	565.92	566.04	566.83	566.29	565.76	565.48			
11	20JAN	74	565.55	566.23	566.40	566.56	566.78	566.33	565.24	565.22	565.71	565.70			
21	31JAN	74	566.12	566.26	566.35	566.35	566.22	566.20	565.85	566.88	566.16	566.27	566.29	566.86	27 1100 568.29 18 0437 564.70
1	10FEB	74	566.59	565.15	565.71	565.77	566.28	565.77	566.38	566.41	566.34	566.49			
11	20FEB	74	566.91	566.27	566.19	565.91	565.91	566.08	566.29	566.02	566.01	566.35			
21	28FEB	74	566.29	566.00	566.50	567.77	566.67	566.56	566.84	566.52	566.32		23 1020 568.52	2 1600 564.80	
1	10MAR	74	566.52	566.16	566.24	566.35	566.78	566.74	566.60	565.80	566.19	566.61			
11	20MAR	74	566.54	566.09	566.47	566.63	566.36	566.73	567.45	567.10	566.59	566.44			
21	31MAR	74	566.55	566.56	567.08	566.57	567.02	566.85	566.87	566.65	566.01	565.80	566.40	566.81	17 1810 567.97 8 2130 565.29
1	10APR	74	566.42	566.79	566.61	566.89	567.14	566.99	566.87	566.13	566.44	566.99			
11	20APR	74	566.78	566.66	566.85	567.08	568.13	567.03	566.82	566.81	566.64	566.66			
21	30APR	74	566.88	566.71	567.02	567.43	567.14	567.03	566.91	566.74	566.88	566.97	566.83	15 0245 569.02	9 0215 565.67
1	10MAY	74	566.91	566.54	566.80	566.74	566.68	567.27	567.36	566.74	566.69	566.63			
11	20MAY	74	566.66	567.21	567.57	567.18	567.24	566.72	567.07	566.91	566.67	566.63			
21	31MAY	74	566.92	566.81	566.92	567.07	567.07	567.06	566.98	566.93	566.86	566.97	566.89	566.90	13 0115 568.14 8 2100 566.31
1	10JUNE	74	566.90	566.84	566.85	566.84	566.83	566.81	566.76	566.85	566.81	566.96			
11	20JUNE	74	567.62	567.02	566.87	566.76	566.81	566.89	566.94	566.92	566.83	566.89			
21	30JUNE	74	566.85	566.96	566.91	566.55	566.77	566.69	566.70	566.61	566.59	566.82	567.01	11 0800 568.24	23 1000 566.30
1	10JULY	74	566.90	566.91	567.07	566.96	566.98	566.87	566.86	566.86	566.96	566.90			
11	20JULY	74	566.60	566.80	566.83	566.90	566.92	566.74	566.71	566.81	566.88	566.53			
21	31JULY	74	566.76	566.57	566.53	566.48	566.59	566.55	566.52	566.57	566.60	566.71	566.76	566.77	3 1215 567.25 23 2315 566.36
1	10AUG	74	566.64	566.52	566.56	566.86	566.84	566.52	566.47	566.45	566.35	566.21			
11	20AUG	74	566.33	566.53	566.55	566.41	566.40	566.40	566.62	566.50	566.55	566.48			
21	31AUG	74	566.49	566.42	566.38	566.49	566.42	566.40	566.48	566.67	566.26	566.30	566.40	566.76	4 2100 567.20 28 2330 566.09
1	10SEPT	74	566.39	566.17	565.80	566.20	566.21	566.21	566.25	566.33	566.38	566.33			
11	20SEPT	74	566.33	566.42	566.43	566.50	566.27	566.83	566.26	566.45	566.21	566.26			
21	30SEPT	74	566.30	566.20	566.19	566.12	566.10	566.51	566.25	566.11	566.08	566.72	566.39	29 1807 567.66	3 0545 565.61
1	10OCT	74	566.38	566.13	565.95	566.18	566.14	566.02	566.17	565.83	565.94	566.00			
11	20OCT	74	565.83	565.87	565.56	566.09	566.13	565.88	566.45	565.71	565.70	565.61			
21	31OCT	74	565.90	565.77	566.24	565.94	565.64	565.88	565.83	565.74	565.59	565.59	565.62	565.66	17 1255 567.00 27 2245 565.43
1	10NOV	74	565.69	565.52	565.59	565.58	565.59	566.08	565.74	565.73	565.65	565.56			
11	20NOV	74	565.60	565.59	565.95	566.49	567.34	566.12	565.85		565.48	566.08			
21	30NOV	74	565.81	566.69	565.69	565.68	565.84	565.62	565.55	565.45	566.04	565.69	564.98	15 1600 568.28	30 2150 564.36
1	10DEC	74	564.13	564.53	565.86	565.81	565.85	565.62	565.57	565.97	566.50	566.51			
11	20DEC	74	565.83	565.79	565.64	565.58	565.43	565.82	566.29	566.56	566.36	566.08			
21	31DEC	74	565.82	565.69	565.83	565.87	565.71	566.04	566.13	566.25	565.82	565.97	565.84	565.55	19 2140 567.81 1 2130 563.20

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3017

110017

ANNUAL SUMMARY OF LEVELS
ONTARIO STREET, BUFFALO, N.Y. ON NIAGARA RIVER

YEARLY MEAN ELEVATION 565.88 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 566.36 APR 1974
DAILY MEAN ELEVATION 567.46 15 APR 1974
INSTANT/HOURLY ELEVATION 568.75 0145 15 APR 1974

LOWEST

MONTHLY MEAN ELEVATION 565.36 NOV 1974
DAILY MEAN ELEVATION 564.00 1 DEC 1974
INSTANT/HOURLY ELEVATION 562.75 1955 1 DEC 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.44	27	JAN	1974
566.98	23	FEB	1974
567.07	17	MAR	1974
567.46	15	APR	1974
566.94	13	MAY	1974
566.42	30	JUNE	1974
566.48	3	JULY	1974
566.30	4	AUG	1974
566.29	15	SEPT	1974
565.97	1	OCT	1974
566.91	15	NOV	1974
566.19	18	DEC	1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
564.66	17	JAN	1974
564.62	2	FEB	1974
565.34	8	MAR	1974
565.63	8	APR	1974
565.97	2	MAY	1974
566.02	27	JUNE	1974
565.82	23	JULY	1974
565.70	28	AUG	1974
565.35	3	SEPT	1974
565.06	24	OCT	1974
564.57	30	NOV	1974
564.00	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
567.60													0
567.40				1									1
567.20													1
567.00			1										2
566.80		1		1	2						1		7
566.60			3	3	4								17
566.40	2	1	3	8		1	1						33
566.20	2	1	5	8	2	1	17	2	2		1		74
566.00	1	6	8	6	7	3	5	10			1	4	125
565.80	5	6	5	2	1		8	16	9	3		2	182
565.60	8	3	3	1				2	13	6	3	3	224
565.40	4	6	2						5	4	4	11	260
565.20	2	3	1						1	10	9	5	291
565.00	4									8	9	4	316
564.80	1										1		318
564.60	2	1											321
564.40											1		322
564.20												1	323
564.00												1	324

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

DAILY WATER LEVELS

ONTARIO STREET, BUFFALO, N.Y. ON NIAGARA RIVER

		MONTHLY MEANS											HIGH INSTANT/HOURLY LOW					
DAY	MONTH												DAY	TIME	ELEV.	DAY	TIME	ELEV.
1	10JAN	74		565.68	565.49	565.14	565.55	565.43	565.54	566.36	565.75	565.30	564.94					
11	20JAN	74		565.09	565.77	565.92	566.17	566.26	565.78	564.66	564.79	565.17	565.16					
21	31JAN	74	565.62	565.82	565.85	565.91	565.66	565.69	565.36	566.44	565.63	565.75	565.83	566.42	27 0920	568.20	18 0345	564.19
1	10FEB	74		565.90	564.62	565.24	565.31	565.80	565.28	566.00	565.93	565.87	566.06					
11	20FEB	74		566.42	565.76	565.73	565.43	565.42	565.56	565.78	565.49	565.51	565.82					
21	28FEB	74	565.78	565.48	566.09	566.98	566.17	566.12	566.34	566.01	565.81			22 2400	567.53	1 1200	562.94	
1	10MAR	74		565.97	565.62	565.74	565.86	566.31	566.31	566.17	565.34	565.86	566.18					
11	20MAR	74		566.11	565.70	566.11	566.20	565.91	566.36	567.07	566.61	566.16	566.01					
21	31MAR	74	566.12	566.15	566.71	566.12	566.67	566.43	566.44	566.27	565.54	565.46	565.97	566.41	24 1737	568.03	8 1600	564.88
1	10APR	74		565.97	566.42	566.15	566.55	566.72	566.50	566.39	565.63	565.96	566.40					
11	20APR	74		566.22	566.14	566.33	566.72	567.46	566.43	566.24	566.24	566.10	566.06					
21	30APR	74	566.36	566.13	566.50	566.90	566.68	566.43	566.35	566.19	566.36	566.42	566.26		15 0145	568.75	9 0042	565.06
1	10MAY	74		566.28	565.97	566.24	566.12	566.12	566.74	566.80	566.12	566.09	566.02					
11	20MAY	74		566.12	566.77	566.94	566.65	566.65	566.18									
21	31MAY	74	566.36												12 2400	567.71	8 1800	565.49
1	10JUNE	74																
11	20JUNE	74																
21	30JUNE	74	566.17					566.13	566.02	566.04	566.24	566.42			30 1000	566.83	27 1900	565.80
1	10JULY	74		566.35	566.36	566.48	566.33	566.32	566.24	566.30	566.25	566.35	566.27					
11	20JULY	74		565.95	566.19	566.24	566.35	566.32	566.21	566.11	566.29	566.36	565.97					
21	31JULY	74	566.17	566.01	565.90	565.82	565.99	565.94	566.00	565.95	565.97	566.14	566.22	566.25	3 0300	566.77	23 2100	565.63
1	10AUG	74		566.17	566.00	565.92	566.30	566.23	565.90	565.96	566.19	565.88	565.71					
11	20AUG	74		565.89	565.99	566.09	565.91	565.90	565.90	566.16	566.04	566.05	565.92					
21	31AUG	74	565.98	565.86	565.94	566.02	565.90	565.93	566.11	565.70	565.80	565.86	566.19	31 1300	566.73	28 2300	565.49	
1	10SEPT	74		565.83	565.57	565.35	565.68	565.71	565.70	565.74	565.83	565.89	565.78					
11	20SEPT	74		565.80	565.90	565.96	565.78	566.29	565.72	565.90	565.60	565.69	565.72					
21	30SEPT	74	565.76	565.69	565.65	565.58	565.57	565.94	565.74	565.57	565.49	566.25	565.81		29 1545	567.39	3 0232	564.95
1	10OCT	74		565.97	565.82	565.60	565.68	565.62	565.54	565.66	565.36	565.48	565.53					
11	20OCT	74		565.32	565.39	565.13	565.72	565.46	565.29	565.88	565.22	565.20	565.12					
21	31OCT	74	565.40	565.31	565.67	565.30	565.06	565.33	565.34	565.14	565.08	565.07	565.09	565.13	17 1117	566.72	27 2055	564.68
1	10NOV	74		565.25	565.01	565.18	565.02	565.24	565.33	565.22	565.26	565.12	565.00					
11	20NOV	74		565.13	564.97	565.44	566.06	566.91	565.67	565.53	565.40	565.11	565.73					
21	30NOV	74	565.36	566.24	565.29	565.28	565.42	565.22	565.15	565.06	565.63	565.26	564.57		14 0822	568.25	30 2025	563.82
1	10DEC	74		564.00	564.28	565.47	565.40	565.43	565.20	565.16	565.59	566.10	566.12					
11	20DEC	74		565.42	565.37	565.22	565.17	565.02	565.42	565.91	566.19	566.01	565.60					
21	31DEC	74	565.43	565.28	565.41	565.48	565.32	565.66	565.75	565.88	565.43	565.59	565.47	565.16	19 2020	567.63	1 1955	562.75

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

110019

ANNUAL SUMMARY OF LEVELS
BUFFALO HARBOR, BUFFALO, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.55 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.26 MAY 1974
DAILY MEAN ELEVATION 574.15 14 APR 1974
INSTANT/HOURLY ELEVATION 578.11 0800 14 NOV 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.45	27	JAN	1974
573.35	23	FEB	1974
573.85	17	MAR	1974
574.15	14	APR	1974
573.62	6	MAY	1974
573.83	11	JUNE	1974
573.42	3	JULY	1974
573.38	4	AUG	1974
572.99	15	SEPT	1974
572.46	1	OCT	1974
573.66	15	NOV	1974
572.64	9	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.86 OCT 1974
DAILY MEAN ELEVATION 569.52 1 DEC 1974
INSTANT/HOURLY ELEVATION 568.31 2000 1 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.84	17	JAN	1974
570.98	2	FEB	1974
571.71	8	MAR	1974
572.09	8	APR	1974
572.70	8	MAY	1974
572.82	23	JUNE	1974
572.74	23	JULY	1974
572.31	28	AUG	1974
571.74	3	SEPT	1974
571.41	13	OCT	1974
570.76	30	NOV	1974
569.52	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
574.20													0
574.00				1									1
573.80			1	1		1							4
573.60			1	1	1						1		8
573.40	1		1	3	7	1	1						22
573.20	1	1	3	11	11	11	7	1					68
573.00	1		3	9	7	13	12	1					114
572.80		2	5	1	4	4	7	7	2		1		147
572.60			10	1	1		4	15	1			3	182
572.40	4	8	2	1				6	9	2	3	2	219
572.20	8	5	2					1	10	3	1	4	253
572.00	6	6	2	1					7	4	3	4	286
571.80	2	4								8	2	9	311
571.60	4		1						1	8	10	6	341
571.40	1	1								6	6	1	356
571.20	2										2		360
571.00													360
570.80	1	1											362
570.60											1		363
570.40												1	364
570.20													364
570.00													364
569.80													364
569.60													364
569.40												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

110020

DAILY WATER LEVELS
BUFFALO HARBOR, BUFFALO, N.Y. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS													HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	INSTANT/HOURLY TIME ELEV.
1	10JAN	74	572.33	571.96	571.73	572.20	572.06	572.22	573.06	571.87	571.70	571.44						
11	20JAN	74	571.65	572.24	572.07	572.49	572.17	572.20	570.84	571.32	571.61	571.38						
21	31JAN	74	572.12	572.53	572.03	572.53	572.27	572.30	572.01	573.45	572.07	572.33	572.46	573.34	27 0800	577.15	18 0300	570.26
1	10FEB	74	572.43	570.98	571.85	572.06	572.18	571.55	572.18	572.25	572.46	572.55						
11	20FEB	74	572.99	572.29	572.34	571.88	571.97	572.30	572.46	572.11	572.17	572.46						
21	28FEB	74	572.26	572.00	572.85	573.35	571.95	572.45	572.53	572.36	572.49			23 0400	574.88	2 0900	570.59	
1	10MAR	74	572.65	572.26	572.46	572.51	572.77	572.61	572.63	571.71	572.60	572.85						
11	20MAR	74	572.70	572.31	572.74	572.90	572.70	573.32	573.85	573.22	573.07	572.75						
21	31MAR	74	572.80	573.06	573.43	572.96	573.67	572.87	573.15	572.89	572.14	572.14	572.75	573.21	24 1700	577.10	8 1600	571.20
1	10APR	74	572.57	573.25	572.79	573.41	573.37	573.32	573.40	572.09	572.83	573.36						
11	20APR	74	573.09	573.08	573.24	574.15	573.99	573.42	573.31	573.23	573.06	573.05						
21	30APR	74	573.21	573.13	573.27	573.66	573.19	573.26	573.13	573.07	573.21	573.28	573.19	14 2200	577.31	8 1300	571.29	
1	10MAY	74	573.18	572.92	573.18	573.10	573.08	573.62	573.49	572.70	573.34	573.17						
11	20MAY	74	572.97	573.54	573.54	573.33	573.50	573.04	573.36	573.26	572.98	572.94						
21	31MAY	74	573.26	573.18	573.35	573.54	573.49	573.37	573.32	573.21	573.35	573.22	573.25	12 2300	575.07	8 1800	571.20	
1	10JUNE	74	573.28	573.25	573.24	573.18	573.15	573.11	573.10	573.18	573.16	573.43						
11	20JUNE	74	573.83	573.35	573.23	573.06	573.16	573.29	573.36	573.27	573.16	573.18						
21	30JUNE	74	573.19	573.31	573.20	572.82	573.04	572.99	573.07	572.92	572.96	573.19	573.38	11 0400	575.14	23 0800	572.11	
1	10JULY	74	573.27	573.33	573.42	573.31	573.23	573.11	573.15	573.14	573.24	573.10						
11	20JULY	74	572.78	573.09	573.12	573.21	573.15	573.06	572.97	573.22	573.13	572.76						
21	31JULY	74	573.05	572.86	572.81	572.74	572.91	572.81	572.79	572.88	572.87	573.01	573.07	573.10	4 2100	574.05	11 0500	572.30
1	10AUG	74	572.95	572.78	572.87	573.38	573.06	572.75	572.65	572.70	572.56	572.44						
11	20AUG	74	572.63	572.83	572.81	572.61	572.63	572.61	572.91	572.76	572.79	572.65						
21	31AUG	74	572.71	572.62	572.63	572.76	572.56	572.51	572.60	572.85	572.31	572.42	572.52	572.92	4 2000	574.62	28 0700	572.23
1	10SEPT	74	572.46	572.08	571.74	572.23	572.24	572.21	572.31	572.44	572.45	572.40						
11	20SEPT	74	572.43	572.54	572.61	572.40	572.99	572.25	572.54	572.07	572.25	572.27						
21	30SEPT	74	572.32	572.22	572.15	572.10	572.10	572.54	572.34	572.08	572.01	572.95	572.28	29 1300	574.90	3 0500	571.29	
1	10OCT	74	572.46	571.96	571.95	572.21	572.11	572.06	572.15	571.79	571.92	572.00						
11	20OCT	74	571.75	571.83	571.41	572.30	571.86	571.74	572.45	571.65	571.64	571.57						
21	31OCT	74	571.86	571.87	572.28	571.75	571.47	571.86	571.94	571.60	571.49	571.56	571.60	17 1100	573.72	24 0300	570.90	
1	10NOV	74	571.67	571.31	571.50	571.37	571.74	571.89	571.69	571.75	571.56	571.40						
11	20NOV	74	571.67	571.79	572.56	572.96	573.66	572.18	572.19	571.98	571.55	572.48						
21	30NOV	74	571.88	572.54	571.69	571.79	572.00	571.70	571.58	571.54	572.33	571.63	570.76	14 0800	578.11	30 2000	569.79	
1	10DEC	74	569.52	570.51	571.99	571.88	571.98	571.69	571.70	572.33	572.64	572.53						
11	20DEC	74	571.88	571.86	571.74	571.70	571.48	571.99	572.49	572.61	572.62	571.82						
21	31DEC	74	571.92	571.86	571.98	572.11	571.78	572.29	572.30	572.34	572.01	572.19	572.02	571.65	19 1800	575.05	1 2000	568.31

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

110021

ANNUAL SUMMARY OF LEVELS
STURGEON POINT, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.51 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.21 MAY 1974
DAILY MEAN ELEVATION 573.79 15 APR 1974
INSTANT/HOURLY ELEVATION 576.64 0800 14 NOV 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.97	27	JAN	1974
573.32	23	FEB	1974
573.79	17	MAR	1974
573.79	15	APR	1974
573.47	23	MAY	1974
573.62	11	JUNE	1974
573.35	3	JULY	1974
573.24	4	AUG	1974
572.82	29	SEPT	1974
572.44	1	OCT	1974
573.31	15	NOV	1974
572.54	9	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.82 OCT 1974
DAILY MEAN ELEVATION 569.74 1 DEC 1974
INSTANT/HOURLY ELEVATION 568.56 1900 1 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.98	17	JAN	1974
571.12	2	FEB	1974
571.76	8	MAR	1974
572.16	8	APR	1974
572.72	8	MAY	1974
572.85	23	JUNE	1974
572.70	23	JULY	1974
572.29	28	AUG	1974
571.89	3	SEPT	1974
571.46	13	OCT	1974
570.82	30	NOV	1974
569.74	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
573.80													0
573.60			2	2		1							5
573.40				1	6								12
573.20		1	2	12	12	10	3	1			1		54
573.00			5	11	9	16	16						111
572.80	3	2	5	1	3	3	6	5	2				141
572.60			10	1	1		6	13			1		173
572.40	2	7	2	1				11	5	1	1	3	206
572.20	6	7	3					1	14	1	3	6	247
572.00	8	5	1	1					7	5	2	2	278
571.80	4	4							2	10	4	11	313
571.60	4	1	1							6	10	6	341
571.40	3									8	5	1	358
571.20											2		360
571.00		1											361
570.80	1										1		363
570.60												1	364
570.40													364
570.20													364
570.00													364
569.80													364
569.60												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

110022

DAILY WATER LEVELS
STURGEON POINT, N.Y. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10JAN	74	572.27	571.94	571.75	572.12	572.00	572.18	572.90	571.81	571.73	571.49					
11	20JAN	74	571.70	572.23	572.02	572.39	572.10	572.19	570.98	571.42	571.63	571.44					
21	31JAN	74	572.06	572.42	571.97	572.40	572.19	572.22	571.97	572.97	572.03	572.29	572.39	572.91	27 0800	575.48	18 0300 570.52
1	10FEB	74	572.39	571.12	571.91	572.08	572.17	571.62	572.22	572.24	572.45	572.54					
11	20FEB	74	572.96	572.28	572.33	571.89	571.97	572.29	572.42	572.09	572.16	572.42					
21	28FEB	74	572.27	572.00	572.81	573.32	571.99	572.50	572.54	572.38	572.49			23 0300	574.89	2 0400 570.76	
1	10MAR	74	572.67	572.28	572.49	572.52	572.75	572.63	572.66	571.76	572.68	572.87					
11	20MAR	74	572.73	572.37	572.78	572.89	572.71	573.32	573.79	573.19	573.06	572.76					
21	31MAR	74	572.81	573.07	573.39	572.96	573.62	572.88	573.12	572.89	572.15	572.24	572.77	573.18	24 1700	576.34	8 1500 571.18
1	10APR	74	572.58	573.23	572.76	573.38	573.25	573.25	573.27	572.16	572.92	573.28					
11	20APR	74	573.08	573.07	573.20	573.62	573.79	573.35	573.22	573.19	573.07	573.03					
21	30APR	74	573.16	573.10	573.23	573.55	573.19	573.20	573.11	573.05	573.16	573.22	573.18		14 2400	575.71	8 1300 571.36
1	10MAY	74	573.14	572.92	573.16	573.07	573.05	573.45	573.34	572.72	573.25	573.13					
11	20MAY	74	572.95	573.46	573.37	573.28	573.41	573.02	573.33	573.27	573.01	572.96					
21	31MAY	74	573.21	573.16	573.30	573.47	573.46	573.41	573.32	573.29	573.18	573.33	573.21	573.22	12 2200	574.54	8 1800 571.36
1	10JUNE	74	573.24	573.22	573.20	573.15	573.12	573.09	573.05	573.14	573.12	573.38					
11	20JUNE	74	573.62	573.25	573.20	573.02	573.07	573.25	573.28	573.19	573.16	573.15					
21	30JUNE	74	573.15	573.27	573.16	572.85	573.04	573.00	573.06	572.92	572.94	573.15	573.29		11 0500	574.65	15 2000 572.10
1	10JULY	74	573.19	573.29	573.35	573.27	573.17	573.09	573.11	573.10	573.19	573.09					
11	20JULY	74	572.79	573.04	573.06	573.14	573.10	573.02	572.93	573.12	573.08	572.76					
21	31JULY	74	573.01	572.81	572.79	572.70	572.87	572.78	572.77	572.83	572.82	572.98	573.00	573.01	4 2200	574.09	29 1100 572.19
1	10AUG	74	572.88	572.73	572.82	573.24	572.96	572.71	572.62	572.67	572.54	572.45					
11	20AUG	74	572.60	572.78	572.74	572.57	572.60	572.58	572.85	572.73	572.74	572.61					
21	31AUG	74	572.66	572.58	572.59	572.71	572.51	572.47	572.57	572.75	572.29	572.42	572.49	572.80	4 2000	574.19	14 0700 572.14
1	10SEPT	74	572.45	572.05	571.89	572.24	572.20	572.23	572.29	572.39	572.38	572.36					
11	20SEPT	74	572.37	572.46	572.55	572.39	572.82	572.21	572.46	572.08	572.22	572.22					
21	30SEPT	74	572.28	572.19	572.14	572.09	572.06	572.42	572.25	572.04	571.99	572.82	572.27		29 1300	574.60	3 0100 571.30
1	10OCT	74	572.44	571.97	571.93	572.14	572.03	571.99	572.10	571.78	571.89	571.94					
11	20OCT	74	571.74	571.81	571.46	572.18	571.82	571.73	572.31	571.67	571.65	571.59					
21	31OCT	74	571.82	571.81	572.11	571.71	571.48	571.80	571.84	571.58	571.49	571.47	571.53	571.57	17 1100	573.44	24 0300 570.90
1	10NOV	74	571.63	571.35	571.52	571.37	571.81	571.85	571.68	571.72	571.56	571.44					
11	20NOV	74	571.66	571.77	572.37	572.71	573.31	572.04	572.07	571.90	571.51	572.38					
21	30NOV	74	571.83	572.44	571.66	571.74	571.92	571.73	571.61	571.54	572.25	571.62	570.82		14 0800	576.64	30 2100 569.97
1	10DEC	74	569.74	570.71	571.98	571.87	571.92	571.69	571.69	572.26	572.54	572.38					
11	20DEC	74	571.85	571.85	571.74	571.70	571.50	571.97	572.39	572.47	572.50	571.80					
21	31DEC	74	571.89	571.84	571.96	572.03	571.75	572.27	572.22	572.25	571.95	572.06	571.99	571.66	19 1800	574.46	1 1900 568.56

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

110023

ANNUAL SUMMARY OF LEVELS
BARCELONA, N.Y. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.44 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.13 MAY 1974
DAILY MEAN ELEVATION 573.50 11 JUNE 1974
INSTANT/HOURLY ELEVATION 574.22 0500 11 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.40	7	JAN	1974
572.47	26	FEB	1974
573.32	17	MAR	1974
573.34	23	APR	1974
573.38	24	MAY	1974
573.50	11	JUNE	1974
573.26	3	JULY	1974
573.05	4	AUG	1974
572.56	15	SEPT	1974
572.15	1	OCT	1974
572.54	15	NOV	1974
572.21	18	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.68 NOV 1974
DAILY MEAN ELEVATION 570.03 1 DEC 1974
INSTANT/HOURLY ELEVATION 569.41 2000 1 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.56	10	JAN	1974
572.36	28	FEB	1974
571.87	8	MAR	1974
572.32	8	APR	1974
572.59	8	MAY	1974
572.89	23	JUNE	1974
572.73	23	JULY	1974
572.26	28	AUG	1974
571.89	3	SEPT	1974
571.36	24	OCT	1974
570.92	30	NOV	1974
570.03	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
573.60													0
573.40						1							1
573.20			2	4	12	8	3						30
573.00			4	21	13	16	14	1					99
572.80			6	1	5	5	12	2					130
572.60			7	1			2	16					156
572.40	1	1	4	2	1			10			1		181
572.20		2	5	1				2	10			1	202
572.00	3		2						12	3	2	5	229
571.80	5		1						3	10	4	10	262
571.60	2									10	13	12	299
571.40	1									7	7	1	315
571.20										1	2		318
571.00												1	319
570.80											1		320
570.60													320
570.40													320
570.20													320
570.00												1	321

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

DAILY WATER LEVELS
BARCELONA, N.Y. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	INSTANT/HOURLY TIME ELEV.
1	10JAN	74				571.88	571.94	572.02	572.40	571.84	571.65	571.56						
11	20JAN	74	571.70	572.11	571.95	572.03	571.86											
21	31JAN	74	571.91										7	1800	572.76	10	2400	571.29
1	10FEB	74																
11	20FEB	74																
21	28FEB	74	572.41			572.47	572.39	572.36					26	2000	572.50	28	2300	572.25
1	10MAR	74	572.40	572.18	572.36	572.38	572.55	572.56	572.61	571.87	572.35	572.78						
11	20MAR	74	572.70	572.10	572.58	572.84	572.76	573.03	573.32	573.04	572.88	572.69						
21	31MAR	74	572.68	572.78	573.01	572.91	573.26	572.85	572.91	572.83	572.29	572.28	572.77	573.10	24	2000	573.92	8 1200 571.49
1	10APR	74	572.59	573.06	572.78	573.10	573.12	573.18	573.16	572.32	572.52	573.03						
11	20APR	74	573.05	573.03	573.18	573.21	573.23	573.07	573.08	573.12	572.98	573.01						
21	30APR	74	573.04	573.07	573.14	573.34	573.22	573.14	573.12	573.04	573.09	573.11	573.05	15	0400	573.93	8 1300	571.68
1	10MAY	74	573.07	572.86	573.04	573.06	572.99	573.15	573.15	572.59	572.96	573.08						
11	20MAY	74	572.93	573.19	573.32	573.20	573.24	573.05	573.19	573.25	573.06	572.97						
21	31MAY	74	573.13	573.12	573.23	573.34	573.38	573.33	573.26	573.25	573.17	573.28	573.22	573.16	13	0300	573.65	8 1800 571.79
1	10JUNE	74	573.24	573.22	573.19	573.17	573.14	573.10	573.03	573.10	573.12	573.36						
11	20JUNE	74	573.50	573.20	573.03	572.99	572.97	573.23	573.21	573.17	573.16	573.14						
21	30JUNE	74	573.13	573.24	573.14	572.89	573.03	573.01	573.08	572.99	572.97	573.12	573.25	11	0500	574.22	23	0700 572.42
1	10JULY	74	573.18	573.22	573.26	573.23	573.15	573.12	573.10	573.11	573.17	573.13						
11	20JULY	74	572.80	573.00	573.02	573.10	573.06	573.02	572.93	573.04	573.07	572.81						
21	31JULY	74	572.99	572.83	572.80	572.73	572.83	572.82	572.79	572.83	572.85	572.86	572.95	572.94	4	2300	573.48	11 0500 572.41
1	10AUG	74	572.84	572.71	572.76	573.05	572.91	572.71	572.60	572.62	572.60	572.46						
11	20AUG	74	572.59	572.73	572.68	572.54	572.60	572.56	572.76	572.73	572.72	572.63						
21	31AUG	74	572.63	572.59	572.58	572.66	572.52	572.50	572.56	572.66	572.26	572.35	572.47	572.68	4	2100	573.50	28 0500 572.17
1	10SEPT	74	572.44	572.09	571.89	572.18	572.27	572.24	572.30	572.38	572.36	572.34						
11	20SEPT	74	572.33	572.42	572.46	572.33	572.56	572.16	572.31	572.06	572.18	572.15						
21	30SEPT	74	572.22	572.16	572.15	572.09	572.01	572.22	572.12	571.99	571.95	572.50	572.13	29	1600	573.75	3 0300	571.48
1	10OCT	74	572.15	571.96	571.92	572.03	571.96	571.88	571.97	571.74	571.83	571.83						
11	20OCT	74	571.68	571.81	571.47	571.96	571.78	571.68	572.00	571.60	571.64	571.60						
21	31OCT	74	571.73	571.72	571.83	571.56	571.36	571.63	571.63	571.57	571.47	571.45	571.49	571.54	17	1400	572.66	24 0300 571.04
1	10NOV	74	571.56	571.38	571.47	571.42	571.43	571.77	571.66	571.69	571.58	571.39						
11	20NOV	74	571.65	571.74	572.12	571.82	572.54	571.87	571.87	571.68	571.51	571.79						
21	30NOV	74	571.68	572.11	571.63	571.65	571.76	571.66	571.61	571.52	571.91	571.64	570.92	15	1800	573.17	30 2000	570.30
1	10DEC	74	570.03	571.12	571.95	571.82	571.83	571.68	571.65	572.01	572.17	572.09						
11	20DEC	74	571.72	571.74	571.72	571.70	571.42	571.81	572.14	572.21	571.88	571.61						
21	31DEC	74	571.75	571.73	571.84	571.76	571.68	571.89	572.02	571.99	571.82	571.87	571.78	571.60	19	2200	572.56	1 2000 569.41

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

ANNUAL SUMMARY OF LEVELS
ERIE, PA. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.51 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.20 JUNE 1974
DAILY MEAN ELEVATION 573.47 11 JUNE 1974
INSTANT/HOURLY ELEVATION 574.55 2245 14 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.61	31	JAN	1974
572.40	1	FEB	1974
573.39	17	MAR	1974
573.43	15	APR	1974
573.41	13	MAY	1974
573.47	11	JUNE	1974
573.20	4	JULY	1974
573.12	4	AUG	1974
572.51	15	SEPT	1974
572.38	1	OCT	1974
572.44	15	NOV	1974
572.27	9	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.75 NOV 1974
DAILY MEAN ELEVATION 570.59 1 DEC 1974
INSTANT/HOURLY ELEVATION 569.98 1235 1 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.64	17	JAN	1974
572.40	1	FEB	1974
572.18	8	MAR	1974
572.64	8	APR	1974
572.79	8	MAY	1974
573.07	28	JUNE	1974
572.81	23	JULY	1974
572.41	28	AUG	1974
571.98	27	SEPT	1974
571.48	24	OCT	1974
571.10	30	NOV	1974
570.59	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
573.60													0
573.40				2	1	2							5
573.20				3	16	12	2						40
573.00			5	21	9	16	15	1					107
572.80			7		3		14	4					135
572.60			8	3	1			21					169
572.40	1		3					5	6		1		186
572.20	4	1	1						16	1	1	1	210
572.00	6		1						7	4	3	8	239
571.80	11								1	10	2	9	272
571.60	4									11	16	8	311
571.40										5	6	3	325
571.20													325
571.00											1		326
570.80													326
570.60													326
570.40												1	327

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3038

DAILY WATER LEVELS
ERIE, PA. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10JAN	74	572.11	571.89	571.80	571.97	571.89	571.98	572.36	571.80	571.78	571.65				
11	20JAN	74	571.78	572.15	571.86	572.00	571.83	571.88	571.64							
21	31JAN	74 572.02		571.91	572.23	572.12	572.13	571.96	572.52	572.12	572.28	572.33	572.61	31 1500	573.55	10 2100 571.42
1	10FEB	74	572.40													
11	20FEB	74														
21	28FEB	74 572.40												1 0400	573.28	1 1100 571.76
1	10MAR	74	572.43	572.33	572.42	572.51	572.70			572.18	572.72	572.85				
11	20MAR	74	572.76	572.66		572.82	572.78	573.14	573.39	573.12		572.74				
21	31MAR	74 572.80	573.01	573.16	572.88	573.34	572.85	572.89	572.82	572.62	572.65	572.82	573.04	24 1900	574.49	8 1000 571.86
1	10APR	74	572.67	573.01	572.77	573.16	573.13	573.15	573.12	572.64		573.05				
11	20APR	74	573.07	573.08	573.15	573.40	573.43	573.21	573.14	573.14	573.12	573.08				
21	30APR	74 573.10	573.11	573.14	573.34	573.21	573.13	573.10	573.07	573.12	573.15	573.09		14 2245	574.55	8 1055 572.00
1	10MAY	74	573.07	572.96	573.09	573.04	572.99	573.25	573.16	572.79	573.13	573.10				
11	20MAY	74	572.98	573.30	573.41		573.27	573.15	573.26	573.29	573.16	573.12				
21	31MAY	74 573.19	573.24	573.31	573.38	573.38	573.33	573.29	573.27	573.23	573.30	573.24	573.27	12 2300	574.00	8 1600 572.04
1	10JUNE	74	573.29	573.28	573.27	573.25	573.20	573.17	573.11	573.19	573.21	573.40				
11	20JUNE	74	573.47	573.23	573.16	573.09	573.14	573.31	573.24	573.19	573.16	573.19				
21	30JUNE	74 573.20	573.23	573.21	573.07	573.16	573.14	573.15	573.09	573.07	573.17	573.26		11 0218	574.09	15 1755 572.43
1	10JULY	74	573.18	573.19	573.20	573.20	573.16	573.14	573.15	573.13	573.17	573.16				
11	20JULY	74	572.98	573.09	573.09	573.08	573.08	573.08	572.97	573.05	573.07	572.91				
21	31JULY	74 573.02	572.89	572.87	572.81	572.91	572.87	572.83	572.86	572.85	572.82	572.94	572.93	14 2315	573.93	29 0900 571.63
1	10AUG	74	572.84	572.77	572.83	573.12	572.88	572.73	572.67	572.73	572.69	572.60				
11	20AUG	74	572.69	572.77	572.78	572.65	572.70	572.68	572.81	572.76	572.76	572.69				
21	31AUG	74 572.70	572.67	572.66	572.73	572.59	572.59	572.64	572.71	572.41	572.51	572.56	572.67	4 1815	573.64	31 1915 572.23
1	10SEPT	74	572.49	572.23	572.21	572.40	572.35	572.33	572.37	572.42	572.38	572.36				
11	20SEPT	74	572.34	572.39	572.45	572.37	572.51	572.17	572.29	572.19	572.22	572.19				
21	30SEPT	74 572.27	572.22	572.22	572.12	572.02	572.20	572.11	571.98	572.00	572.50	572.24		29 1530	573.81	25 2015 571.55
1	10OCT	74	572.38	572.08	571.97	572.00	571.94	571.92	572.05	571.84	571.83	571.88				
11	20OCT	74	571.79	571.84	571.64	571.98	571.84	571.78	572.05	571.76	571.72	571.70				
21	31OCT	74 571.80	571.76	571.80	571.68	571.48	571.73	571.70	571.62	571.53	571.53	571.58	571.58	1 2400	572.88	24 0140 571.15
1	10NOV	74	571.57	571.48	571.54	571.51	571.77	571.79	571.68	571.68	571.61	571.52				
11	20NOV	74	571.66	571.74	571.98	572.13	572.44	571.76	571.76	571.70	571.52	572.14				
21	30NOV	74 571.75	572.34	571.69	571.64	571.77	571.83	571.69	571.62	572.07	571.70	571.10		14 0918	573.64	30 1928 570.58
1	10DEC	74	570.59	571.46	572.04	571.90	571.85	571.69	571.67	572.07	572.27	572.03				
11	20DEC	74	571.75	571.80	571.78	571.54	571.87	572.09	572.19	572.18	571.76					
21	31DEC	74 571.83		571.50	571.86	571.75	572.16	572.03	571.98	571.85	571.86	571.91	571.72	19 1922	573.48	1 1235 569.98

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3038

110927

ANNUAL SUMMARY OF LEVELS
CLEVELAND, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.52 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.24 JUNE 1974
DAILY MEAN ELEVATION 573.68 8 APR 1974
INSTANT/HOURLY ELEVATION 574.03 1400 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.32	28	JAN	1974
572.72	2	FEB	1974
573.15	29	MAR	1974
573.68	8	APR	1974
573.33	26	MAY	1974
573.45	23	JUNE	1974
573.27	11	JULY	1974
572.86	1	AUG	1974
572.85	3	SEPT	1974
572.37	2	OCT	1974
572.09	21	NOV	1974
572.57	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.67 NOV 1974
DAILY MEAN ELEVATION 571.16 15 NOV 1974
INSTANT/HOURLY ELEVATION 570.55 0900 14 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.60	14	JAN	1974
572.14	1	FEB	1974
572.42	1	MAR	1974
572.93	2	APR	1974
572.96	6	MAY	1974
573.12	30	JUNE	1974
572.87	31	JULY	1974
572.47	31	AUG	1974
571.96	26	SEPT	1974
571.39	22	OCT	1974
571.16	15	NOV	1974
571.61	10	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
573.80													0
573.60				1									1
573.40				1		1							3
573.20				13	11	21	5						53
573.00			4	14	19	8	15						113
572.80			3	1	1		11	8	1				138
572.60		2	3					19	1				163
572.40		9	4					4	6			2	188
572.20	3	16							13	2		1	223
572.00	13	1							7	1	1		246
571.80	11								2	13	5	16	293
571.60	4									13	15	12	337
571.40										1	8		346
571.20										1			347
571.00											1		348

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

DAILY WATER LEVELS
CLEVELAND, OHIO ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.										
1	10JAN	74	571.95	571.99	572.10	571.93	571.92	571.85	571.63	571.89	572.05	572.11											
11	20JAN	74	572.06	571.92	571.80	571.60	571.71	571.68	572.14	572.07	571.98	572.13											
21	31JAN	74	571.99	571.86	572.01	572.00	572.05	572.04	572.13	571.99	572.32	572.28	572.21	572.19	27	1400	572.72	14	2200	571.17			
1	10FEB	74	572.14	572.72	572.51	572.50	572.43	572.64	572.51	572.43	572.34	572.25											
11	20FEB	74	572.24	572.30	572.34	572.52	572.42	572.29	572.26	572.25	572.33	572.27											
21	28FEB	74	572.38	572.38	572.35	572.28	572.48	572.48	572.37	572.32	572.32	6 2300 573.01 1 0400 571.77											
1	10MAR	74	572.42	572.53	572.45	572.54	572.61	572.64	572.73	573.10	572.94	572.94											
11	20MAR	74	572.98																				
21	31MAR	74	572.79												573.15	573.04	573.00	8	1600	573.46	1	0700	572.02
1	10APR	74	573.18	572.93	573.07	573.05	573.18	573.19	573.15	573.68	573.41	573.21											
11	20APR	74	573.26	573.23	573.23	573.20	573.14	573.22	573.22	573.20	573.29	573.26											
21	30APR	74	573.20	573.18	573.18	573.16	573.27	573.20	573.20	573.19	573.11	573.03	573.06	8 1400 574.03 14 2400 572.49									
1	10MAY	74	573.06	573.12	573.07	573.07	573.06	572.96	573.03	573.18	573.17	573.17											
11	20MAY	74	573.20	573.20	573.16	573.12	573.16	573.19	573.10	573.12	573.14	573.17											
21	31MAY	74	573.17	573.18	573.19	573.20	573.29	573.32	573.33	573.30	573.29	573.29	573.31	573.27	8	1800	573.78	8	1200	572.71			
1	10JUNE	74	573.26	573.28	573.30	573.30	573.29	573.27	573.24	573.25	573.21	573.20											
11	20JUNE	74	573.15	573.19	573.16	573.16	573.21	573.22	573.22	573.18	573.17	573.23											
21	30JUNE	74	573.24	573.24	573.28	573.45	573.32	573.30	573.25	573.26	573.23	573.15	573.12	15 1500 573.94 10 2200 572.76									
1	10JULY	74	573.18	573.11	573.14	573.16	573.25	573.22	573.20	573.17	573.13	573.20											
11	20JULY	74	573.27	573.13	573.08	573.09	573.17	573.13	573.08	572.96	573.06	573.11											
21	31JULY	74	573.06	573.01	572.94	572.99	572.92	572.92	572.93	572.88	572.87	572.92	572.94	572.87	4	1700	573.83	29	0800	572.55			
1	10AUG	74	572.86	572.85	572.76	572.72	572.81	572.82	572.80	572.73	572.80	572.82											
11	20AUG	74	572.67	572.73	572.76	572.82	572.75	572.74	572.75	572.75	572.74	572.76											
21	31AUG	74	572.72	572.74	572.70	572.65	572.73	572.67	572.58	572.54	572.68	572.61	572.56	572.47	17	0700	573.10	31	0500	572.30			
1	10SEPT	74	572.58	572.75	572.85	572.58	572.52	572.50	572.47	572.40	572.38	572.36											
11	20SEPT	74	572.32	572.26	572.39	572.39	572.11	572.30	572.19	572.36	572.22	572.30											
21	30SEPT	74	572.31	572.28	572.36	572.19	572.04	571.99	571.96	572.00	572.08	572.09	572.20	3 0100 573.20 25 1400 571.62									
1	10OCT	74	572.35	572.37	572.09	571.78	571.78	571.85	571.94	571.84	571.81	571.81											
11	20OCT	74	571.84	571.84	571.96	571.66	571.92	571.84	571.69	571.88	571.85	571.95											
21	31OCT	74	571.79	571.66	571.39	571.62	571.71	571.61	571.58	571.61	571.63	571.60	571.60	571.60	1	1100	573.00	17	0600	571.23			
1	10NOV	74	571.59	571.71	571.67	571.84	571.74	571.81	571.79	571.74	571.76	571.79											
11	20NOV	74	571.62	571.79	571.48	571.41	571.16	571.47	571.40	571.48	571.58	571.65											
21	30NOV	74	571.67	572.09	571.75	571.52	571.60	571.97	571.80	571.66	571.63	571.77	571.93	21 1500 572.86 14 0900 570.55									
1	10DEC	74	572.44	572.57	572.21	571.93	571.81	571.83	571.76	571.85	571.92	571.61											
11	20DEC	74	571.75	571.79	571.87	571.91	571.84	571.77	571.72	571.70	571.63	571.88											
21	31DEC	74	571.86	571.86	571.81	571.75	571.90	571.97	571.74	571.69	571.82	571.74	571.85	571.92	2	1100	573.22	19	2000	570.93			

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

110020

ANNUAL SUMMARY OF LEVELS
MARBLEHEAD, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.53 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.32 MAY 1974
DAILY MEAN ELEVATION 574.28 8 APR 1974
INSTANT/HOURLY ELEVATION 575.22 1210 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.50	17	JAN	1974
573.38	2	FEB	1974
573.64	29	MAR	1974
574.28	8	APR	1974
573.65	20	MAY	1974
573.65	23	JUNE	1974
573.48	11	JULY	1974
573.05	10	AUG	1974
573.04	2	SEPT	1974
572.13	13	OCT	1974
572.54	30	NOV	1974
573.56	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.53 NOV 1974
DAILY MEAN ELEVATION 570.05 15 NOV 1974
INSTANT/HOURLY ELEVATION 569.25 1445 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.24	7	JAN	1974
571.94	23	FEB	1974
572.33	1	MAR	1974
572.81	14	APR	1974
573.04	7	MAY	1974
572.91	11	JUNE	1974
572.79	29	JULY	1974
572.33	31	AUG	1974
571.47	25	SEPT	1974
571.24	22	OCT	1974
570.05	15	NOV	1974
571.19	19	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
574.40													0
574.20				1									1
574.00													1
573.80													1
573.60			3		2	1							7
573.40			1	2	6	3	1				1		21
573.20		1	3	16	18	19	9						87
573.00			7	7	5	5	15	1	2				129
572.80		2	7	4		2	5	14			1		164
572.60		4	5				1	12	2				188
572.40	2	7	4					3	4		1		209
572.20	5	10	1					1	12				238
572.00	9	1							4	3	1		258
571.80	7	3							1	13	3	10	295
571.60	5								3	8	12	8	331
571.40	2								2	6	4	7	352
571.20	1									1	4	1	359
571.00											3	1	363
570.80											1		364
570.60													364
570.40													364
570.20													364
570.00											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

110030

DAILY WATER LEVELS

MARBLEHEAD, OHIO ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.								
1	10JAN	74	571.82	572.05	572.15	571.88	571.90	571.77	571.24	571.99	572.06	572.25									
11	20JAN	74	572.02	571.60	571.85	571.42	571.64	571.56	572.50	572.25	572.17	572.33									
21	31JAN	74	571.96	571.71	572.11	571.89	572.03	572.02	572.24	571.63	572.45	572.27	572.17	571.90	28	2015	573.02	27	0700	570.29	
1	10FEB	74	572.46	573.38	572.66	572.62	572.57	572.98	572.52	572.46	572.28	572.04									
11	20FEB	74	571.99	572.35	572.40	572.73	572.60	572.30	572.24	572.40	572.37	572.23									
21	28FEB	74	572.43	572.54	571.96	571.94	572.87	572.36	572.28	572.32	572.27				2	0500	573.80	23	0320	570.79	
1	10MAR	74	572.33	572.66	572.42	572.54	572.60	572.69	572.79	573.57	573.04	573.05									
11	20MAR	74	573.20	573.60	573.26	573.06	573.14	572.87	572.77	572.89	573.04	573.22									
21	31MAR	74	572.96	572.90	572.55	573.03	572.53	572.99	572.83	572.99	573.64	573.16	572.94	12	1040	574.62	24	1930	571.40		
1	10APR	74	573.38	572.90	573.20	572.84	573.13	573.15	573.22	574.28	573.46	573.26									
11	20APR	74	573.37	573.33	573.27	572.81	572.88	573.24	573.26	573.28	573.42	573.36									
21	30APR	74	573.23	573.21	573.18	573.05	573.33	573.26	573.29	573.26	573.16	573.13	573.16			8	1210	575.22	14	2251	571.28
1	10MAY	74	573.26	573.36	573.22	573.28	573.15	573.06	573.04	573.49	573.19	573.23									
11	20MAY	74	573.33	573.07	573.24	573.25	573.25	573.51	573.36	573.44	573.65	573.65									
21	31MAY	74	573.32	573.46	573.36	573.28	573.28	573.36	573.38	573.36	573.31	573.32	573.46	573.40	8	1510	574.26	6	1302	572.34	
1	10JUNE	74	573.38	573.37	573.35	573.36	573.37	573.37	573.36	573.32	573.27	572.91									
11	20JUNE	74	572.91	573.17	573.18	573.27	573.20	573.24	573.14	573.16	573.22	573.31									
21	30JUNE	74	573.28	573.23	573.34	573.65	573.44	573.43	573.31	573.41	573.36	573.22	573.09			23	1045	574.01	11	0020	571.98
1	10JULY	74	573.24	573.10	573.14	573.14	573.27	573.28	573.26	573.22	573.14	573.24									
11	20JULY	74	573.48	573.21	573.15	573.07	573.25	573.18	573.18	572.90	573.03	573.28									
21	31JULY	74	573.12	573.18	573.16	573.15	573.01	573.04	573.04	572.91	572.93	572.79	572.83	572.82	11	0647	574.08	29	2248	572.35	
1	10AUG	74	572.95	572.96	572.83	572.45	572.77	572.91	572.94	572.84	572.94	573.05									
11	20AUG	74	572.81	572.71	572.74	572.92	572.82	572.80	572.72	572.78	572.71	572.78									
21	31AUG	74	572.77	572.80	572.75	572.63	572.83	572.78	572.60	572.52	572.91	572.70	572.57	572.33	2	1710	573.37	31	1040	571.90	
1	10SEPT	74	572.62	573.04	573.03	572.62	572.59	572.59	572.49	572.38	572.39	572.35									
11	20SEPT	74	572.31	572.19	572.25	572.31	571.63	572.36	572.14	572.49	572.30	572.38									
21	30SEPT	74	572.26	572.27	572.38	572.25	572.11	571.47	571.57	571.61	571.63	572.05	571.99			3	0345	573.51	15	1330	571.16
1	10OCT	74	571.84	572.11	572.07	571.74	571.66	571.80	571.80	571.89	571.81	571.82									
11	20OCT	74	571.90	571.85	572.13	571.56	571.89	571.88	571.47	571.87	571.84	571.94									
21	31OCT	74	571.75	571.58	571.24	571.55	571.76	571.56	571.53	571.60	571.70	571.69	571.63	571.64	17	1942	572.76	17	0645	570.57	
1	10NOV	74	571.60	571.75	571.70	572.08	571.55	571.72	571.75	571.68	571.76	571.86									
11	20NOV	74	571.56	571.63	571.15	570.91	570.05	571.33	571.24	571.39	571.65	571.01									
21	30NOV	74	571.53	571.05	571.72	571.51	571.50	571.84	571.83	571.68	571.22	571.74	572.54			30	2120	573.30	15	1445	569.25
1	10DEC	74	573.56	572.86	571.89	571.87	571.81	571.95	571.90	571.60	571.44	571.40									
11	20DEC	74	571.79	571.82	571.92	572.00	572.15	571.75	571.40	571.34	571.19	571.84									
21	31DEC	74	571.79	571.77	571.70	571.59	571.83	571.42	571.46	571.44	571.68	571.69	571.95	1	1437	574.38	19	1900	569.82		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

110031

ANNUAL SUMMARY OF LEVELS
TOLEDO, OHIO ON LAKE ERIE

YEARLY MEAN ELEVATION 572.50 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.35 MAY 1974
DAILY MEAN ELEVATION 574.94 8 APR 1974
INSTANT/HOURLY ELEVATION 576.58 1200 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.79	17	JAN	1974
573.04	24	FEB	1974
574.33	28	MAR	1974
574.94	8	APR	1974
573.99	8	MAY	1974
573.83	23	JUNE	1974
573.64	11	JULY	1974
573.38	10	AUG	1974
573.36	2	SEPT	1974
572.31	13	OCT	1974
573.42	30	NOV	1974
574.70	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.46 NOV 1974
DAILY MEAN ELEVATION 569.24 15 NOV 1974
INSTANT/HOURLY ELEVATION 567.61 1500 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.14	14	JAN	1974
571.43	23	FEB	1974
571.93	24	MAR	1974
571.70	15	APR	1974
572.66	12	MAY	1974
572.37	10	JUNE	1974
572.58	29	JULY	1974
572.01	4	AUG	1974
570.98	29	SEPT	1974
571.11	22	OCT	1974
569.24	15	NOV	1974
570.96	9	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
575.00													0
574.80				1									1
574.60												1	2
574.40													2
574.20			1										3
574.00			3										6
573.80					3	1							10
573.60				1	2		1						14
573.40			1	2	8	8	1				1		35
573.20			3	8	7	10	12	1	1				77
573.00		1	7	5	9	7	9	5	1				121
572.80			2	5		3	4	11				1	147
572.60	1	3	6	5	2		3	9	4				180
572.40	1	3	3				1	3	4			1	196
572.20	3	7	3	1		1				1	1		221
572.00	5	1	1					2	5	1	1	6	243
571.80	3	1	1	1					2	12	3	7	273
571.60	2			1					1	8	11	5	301
571.40	4	2							3	6	3	3	322
571.20	1									2	3	3	331
571.00	1									1	1	3	337
570.80									1		2	1	341
570.60													341
570.40											2		343
570.20													343
570.00											1		344
569.80													344
569.60													344
569.40													344

DAILY WATER LEVELS
TOLEDO, OHIO ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10JAN	74	571.78	572.08	572.11	571.90	571.93	571.79	571.23	572.00	572.07	572.24				
11	20JAN	74	572.02	571.51	571.87	571.14	571.54	571.49	572.79	572.37	572.23	572.48				
21	31JAN	74	571.91	571.49									17	1600	573.70	16 1000 570.36
1	10FEB	74														
11	20FEB	74	571.84	572.43	572.43	572.78	572.65	572.29	572.21	572.53	572.34	572.21				
21	28FEB	74	572.30	572.73	571.51	571.43	573.04	572.31	572.23	572.27	572.13		24	2000	573.56	23 0300 569.34
1	10MAR	74	572.26	572.78	572.31	572.52	572.58	572.72	573.12	574.05	573.14	573.14				
11	20MAR	74	573.47	574.03	573.27	573.14	573.23	572.59	572.36	572.74	573.02	573.35				
21	31MAR	74	572.99	572.64	572.18	572.87	571.93	572.99	572.70	573.02	574.33	574.14	573.14	572.78	28	1900 575.75 24 1800 570.62
1	10APR	74	573.67	572.75	573.26	572.30	572.85	573.02	572.95	574.94	572.84	572.78				
11	20APR	74	572.96	572.72	572.62	571.82	571.70	573.21	573.20	573.36	573.51	573.44				
21	30APR	74	573.03	573.03	572.98	572.69	573.25	573.22	573.32	573.27	573.07	573.04	573.02	8	1200	576.58 14 2400 569.48
1	10MAY	74	573.40	573.57	573.14	573.54	573.08	572.75	573.03	573.99	573.18	573.31				
11	20MAY	74	573.42	572.66	573.11	573.07	573.07	573.70	573.38	573.58	573.94	573.98				
21	31MAY	74	573.35	573.56	573.31	573.12	573.05	573.29	573.39	573.43	573.30	573.37	573.68	573.49	8	1500 575.19 12 2200 571.43
1	10JUNE	74	573.44	573.40	573.34	573.38	573.39	573.43	573.41	573.34	573.22	572.37				
11	20JUNE	74	572.94	573.07	573.07	573.27	573.12	573.00	572.94	573.07	573.20	573.36				
21	30JUNE	74	573.25	573.14	573.53	573.83	573.40	573.38	573.34	573.52	573.48	573.17	572.88	23	1100	574.67 11 0100 570.68
1	10JULY	74	573.22	572.98	573.04	573.04	573.29	573.31	573.27	573.24	573.08	573.32				
11	20JULY	74	573.64	573.22	573.08	572.97	573.33	573.17	573.24	572.73	573.07	573.42				
21	31JULY	74	573.11	573.23	573.25	573.25	573.03	573.09	573.09	572.90	572.95	572.58	572.68	572.70	11	0500 574.56 29 2100 571.85
1	10AUG	74	572.88	572.95	572.70	572.01	572.65	572.96	573.08	572.90	573.13	573.38				
11	20AUG	74	573.02	572.77	572.74	573.10	572.92	572.83	572.62	572.79	572.70	572.83				
21	31AUG	74	572.80	572.90	572.80	572.60	572.97	572.92	572.59	572.43	573.04	572.77	572.57	572.17	14	0700 573.94 4 2000 571.45
1	10SEPT	74	572.70	573.36	573.14	572.68	572.76	572.75	572.55	572.38	572.42	572.36				
11	20SEPT	74	572.32	572.19	571.99	572.24	571.54	572.49	571.94	572.46	572.23	572.34				
21	30SEPT	74	572.26	572.18	572.29	572.25	572.15	571.52	571.79	572.07	572.17	570.98	571.58	3	0200	573.92 29 1300 568.92
1	10OCT	74	571.43	571.97	572.11	571.75	571.55	571.72	571.74	571.88	571.85	571.82				
11	20OCT	74	571.94	571.95	572.31	571.38	571.90	571.88	571.26	571.87	571.84	571.95				
21	31OCT	74	571.73	571.52	571.11	571.53	571.88	571.54	571.50	571.62	571.79	571.77	571.66	571.70	17	2200 573.36 17 1000 570.00
1	10NOV	74	571.62	571.85	571.77	572.21	571.63	571.71	571.75	571.72	571.85	572.03				
11	20NOV	74	571.58	571.48	570.92	570.14	569.24	571.23	571.16	571.36	571.76	570.47				
21	30NOV	74	571.46	570.40	571.71	571.55	571.38	571.69	571.87	571.71	570.83	571.78	573.42	30	2000	574.60 15 1500 567.61
1	10DEC	74	574.70	572.87	571.56	571.76	571.78	572.07	572.01	571.32	570.96	571.23				
11	20DEC	74	571.81	571.84	571.93	572.12	572.45	571.72	571.13	571.14	571.02	572.00				
21	31DEC	74	571.83	571.93	571.89	571.76	572.03	571.22	571.49	571.51	571.82	571.74	571.83	572.17	1	2000 575.55 19 2000 569.04

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3085

1100324

ANNUAL SUMMARY OF LEVELS
FERMI POWER PLANT, STONY POINT, MI. ON LAKE ERIE

YEARLY MEAN ELEVATION 572.51 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.30 MAY 1974
DAILY MEAN ELEVATION 574.22 8 APR 1974
INSTANT/HOURLY ELEVATION 575.72 1200 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.56	17	JAN	1974
573.27	2	FEB	1974
573.89	28	MAR	1974
574.22	8	APR	1974
573.79	8	MAY	1974
573.48	7	JUNE	1974
573.43	11	JULY	1974
573.19	10	AUG	1974
572.92	2	SEPT	1974
572.19	13	OCT	1974
572.83	30	NOV	1974
573.76	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.48 NOV 1974
DAILY MEAN ELEVATION 569.89 15 NOV 1974
INSTANT/HOURLY ELEVATION 568.50 1500 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.29	7	JAN	1974
571.33	23	FEB	1974
572.10	24	MAR	1974
572.55	14	APR	1974
572.74	6	MAY	1974
572.69	11	JUNE	1974
572.60	29	JULY	1974
572.22	4	AUG	1974
571.12	29	SEPT	1974
571.27	22	OCT	1974
569.89	15	NOV	1974
571.07	9	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
574.40													0
574.20				1									1
574.00													1
573.80			2										3
573.60			1		4							1	9
573.40			1	4	6	5	1						26
573.20		1	3	13	12	15	8						78
573.00		1	6	7	6	7	14	2					121
572.80			5	1	2		5	15	2		1		152
572.60		5	6	3	1	2	3	9	4				185
572.40	3	6	4	1				3	6				208
572.20	4	9	2					2	7			1	233
572.00	8	3	1						6	2		2	255
571.80	5	1							1	10	5	8	285
571.60	7	1							3	11	11	8	326
571.40	3									6	4	3	342
571.20	1	1								2	3	6	355
571.00									1		2	2	360
570.80													360
570.60											1		361
570.40											2		363
570.20													363
570.00													363
569.80											1		364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3090

DAILY WATER LEVELS

FERMI POWER PLANT, STONY POINT, MI. ON LAKE ERIE

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY FLEV. DAY TIME	LOW FLEV.
1	10JAN	74	571.76	572.05	572.08	571.88	571.91	571.77	571.29	571.97	572.04	572.19			
11	20JAN	74	571.98	571.53	571.88	571.47	571.68	571.63	572.56	572.30	572.16	572.43			
21	31JAN	74	571.95	571.63	572.14	571.78	572.07	572.05	572.34	571.48	572.41	572.24	572.26	571.63	17 1600 573.26 27 0800 569.57
1	10FEB	74	572.35	573.27	572.61	572.53	572.60	573.04	572.44	572.44	572.24	572.13			
11	20FEB	74	571.89	572.37	572.36	572.65	572.59	572.26	572.18	572.50	572.31	572.19			
21	28FEB	74	572.38	572.61	571.73	571.33	572.75	572.25	572.30	572.46	572.28		2 0300 573.91 23 0200 569.61		
1	10MAR	74	572.26	572.71	572.55	572.57	572.54	572.73	572.79	573.73	573.01	572.99			
11	20MAR	74	573.24	573.46	573.10	573.06	573.19	572.65	572.34	572.86	572.95	573.25			
21	31MAR	74	572.93	572.69	572.52	572.87	572.10	573.09	572.78	573.01	573.89	573.83	573.20	572.80	28 1800 574.92 24 1800 570.95
1	10APR	74	573.55	572.90	573.32	572.77	573.02	573.11	573.25	574.22	573.32	573.30			
11	20APR	74	573.43	573.50	573.31	572.55	572.69	573.22	573.36	573.32	573.39	573.49			
21	30APR	74	573.22	573.30	573.11	572.75	573.18	573.26	573.33	573.32	573.17	573.15	573.09	8 1200 575.72 14 2300 570.23	
1	10MAY	74	573.31	573.46	573.08	573.36	573.11	572.74	572.99	573.79	573.09	573.21			
11	20MAY	74	573.41	572.81	573.12	573.32	573.16	573.61	573.31	573.42	573.68	573.76			
21	31MAY	74	573.30	573.49	573.35	573.20	573.10	573.26	573.33	573.35	573.38	573.29	573.47	573.40	8 1500 574.93 12 2200 571.79
1	10JUNE	74	573.36	573.36	573.35	573.38	573.40	573.47	573.48	573.31	573.32	572.73			
11	20JUNE	74	572.69	573.08	573.11	573.28	573.14		573.04	573.15	573.24	573.31			
21	30JUNE	74	573.24	573.16	573.31	573.42	573.30	573.35	573.26	573.40	573.36	573.20	573.01	23 1000 574.06 11 0100 571.13	
1	10JULY	74	573.23	573.12	573.13	573.13	573.23	573.26	573.22	573.20	573.10	573.15			
11	20JULY	74	573.43	573.16	573.09	573.02	573.15	573.11	573.22	572.86	572.99	573.21			
21	31JULY	74	573.08	573.14	573.20	573.13	572.97	573.04	573.05	572.89	572.92	572.60	572.71	572.71	11 0700 574.07 29 2200 572.02
1	10AUG	74	572.85	572.90	572.80	572.22	572.63	572.90	572.99	572.83	572.95	573.19			
11	20AUG	74	573.00	572.71	572.74	572.97	572.84	572.81	572.61	572.78	572.69	572.80			
21	31AUG	74	572.76	572.83	572.78	572.59	572.80	572.80	572.62	572.44	572.92	572.71	572.56	572.24	14 0600 573.63 31 0900 571.65
1	10SEPT	74	572.62	572.92	572.84	572.61	572.66	572.66	572.54	572.42	572.42	572.40			
11	20SEPT	74	572.38	572.28	572.04	572.21	571.73	572.40	572.02	572.43	572.30	572.26			
21	30SEPT	74	572.25	572.17	572.16	572.26	572.26	571.64	571.89	572.09	572.17	571.12	571.60	3 0100 573.34 29 1400 569.19	
1	10OCT	74	571.43	571.89	572.07	571.88	571.75	571.78	571.70	571.91	571.84	571.80			
11	20OCT	74	571.93	571.85	572.19	571.52	571.84	571.88	571.31	571.77	571.75	571.78			
21	31OCT	74	571.73	571.58	571.27	571.51	571.83	571.51	571.49	571.62	571.75	571.75	571.69	571.68	17 2200 572.73 17 1000 570.35
1	10NOV	74	571.64	571.80	571.72	571.97	571.50	571.65	571.73	571.69	571.81	571.99			
11	20NOV	74	571.69	571.51	571.12	570.49	569.89	571.33	571.27	571.39	571.73	570.65			
21	30NOV	74	571.48	570.49	571.70	571.67	571.47	571.51	571.84	571.75	571.01	571.70	572.83	30 1900 573.70 15 1500 568.50	
1	10DEC	74	573.76	571.41	571.37	571.71	571.74	572.00	571.95	571.31	571.07	571.34			
11	20DEC	74	571.80	571.79	571.86	571.99	572.38	571.76	571.24	571.26	571.18	571.94			
21	31DEC	74	571.74	571.84	571.88	571.75	571.92	571.26	571.56	571.53	571.79	571.72	571.75	572.07	1 1400 574.49 19 1900 569.42

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3090

ANNUAL SUMMARY OF LEVELS
GIBRALTAR, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 572.67 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 573.43 MAY 1974
DAILY MEAN ELEVATION 574.17 8 APR 1974
INSTANT/HOURLY ELEVATION 575.29 1300 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.65	17	JAN	1974
573.26	2	FEB	1974
573.88	28	MAR	1974
574.17	8	APR	1974
573.92	8	MAY	1974
573.65	7	JUNE	1974
573.54	11	JULY	1974
573.37	10	AUG	1974
572.98	2	SEPT	1974
572.35	13	OCT	1974
572.79	30	NOV	1974
573.65	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 571.68 NOV 1974
DAILY MEAN ELEVATION 570.41 15 NOV 1974
INSTANT/HOURLY ELEVATION 569.14 0800 21 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.71	7	JAN	1974
571.59	23	FEB	1974
572.24	24	MAR	1974
572.81	14	APR	1974
572.83	6	MAY	1974
572.86	11	JUNE	1974
572.82	29	JULY	1974
572.46	31	AUG	1974
571.40	29	SEPT	1974
571.53	17	OCT	1974
570.41	15	NOV	1974
571.27	9	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
574.20													0
574.00				1									1
573.80			2		2								5
573.60			1	2	3	2						1	14
573.40			1	9	13	15	3						55
573.20		1	5	12	9	11	19	2					114
573.00		1	6	2	2	1	6	12					144
572.80			8	4	2	1	3	11	4				177
572.60	2	10	5					4	7		1		206
572.40	6	7	2					2	8			1	232
572.20	9	6	1						6	2		1	257
572.00	4	1							2	9	3	8	284
571.80	6	1							1	13	12	10	327
571.60	4								1	5	5	3	345
571.40		1							1	2	4	6	359
571.20											1	1	361
571.00													361
570.80											2		363
570.60											1		364
570.40											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

DAILY WATER LEVELS
GIBRALTAR, MI. ON DETROIT RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	FLFV.	
1	10JAN	74	571.93	572.24	572.31	572.09	572.16	572.07	571.71	572.32	572.35	572.43					
11	20JAN	74	572.22	571.72	572.14	571.77	571.91	571.89	572.65	572.42	572.27	572.61					
21	31JAN	74	572.17	571.85	572.28	571.94	572.25	572.22	572.54	571.79	572.52	572.41	572.46	571.85	27 1700	573.44	27 0700 570.05
1	10FEB	74	572.44	573.26	572.72	572.61	572.74	573.13	572.59	572.64	572.38	572.34					
11	20FEB	74	572.07	572.55	572.45	572.67	572.69	572.38	572.27	572.65	572.42	572.32					
21	28FEB	74	572.51	572.71	571.95	571.59	572.77	572.34	572.46	572.67	572.44			2 0400	573.87	23 0200 569.86	
1	10MAR	74	572.40	572.82	572.73	572.74	572.67	572.88	572.91	573.79	573.12	573.08					
11	20MAR	74	573.33	573.45	573.18	573.18	573.30	572.76	572.41	572.99	573.03	573.33					
21	31MAR	74	573.03	572.82	572.76	572.97	572.24	573.27	572.91	573.07	573.88	573.83	573.25	572.85	12 1100	574.82	24 1800 571.14
1	10APR	74	573.63	573.00	573.48	572.96	573.12	573.22	573.37	574.17	573.37	573.42					
11	20APR	74	573.53	573.64	573.43	572.81	572.82	573.33	573.37	573.33	573.43	573.54					
21	30APR	74	573.33	573.46	573.22	572.85	573.24	573.34	573.39	573.41	573.28	573.40	573.21	8 1300	575.29	14 2400 570.43	
1	10MAY	74	573.39	573.57	573.18	573.48	573.27	572.83	573.13	573.92	573.20	573.34					
11	20MAY	74	573.56	572.99	573.26	573.50	573.34	573.72	573.46	573.54	573.75	573.85					
21	31MAY	74	573.43	573.62	573.49	573.35	573.23	573.38	573.45	573.47	573.54	573.45	573.58	573.52	8 1500	574.90	12 2200 571.97
1	10JUNE	74	573.49	573.49	573.47	573.53	573.55	573.63	573.65	573.47	573.49	573.02					
11	20JUNE	74	572.86	573.21	573.29	573.43	573.36	573.20	573.23	573.30	573.40	573.44					
21	30JUNE	74	573.38	573.32	573.42	573.46	573.38	573.44	573.38	573.52	573.51	573.34	573.24	23 1000	574.09	11 0100 571.32	
1	10JULY	74	573.37	573.32	573.32	573.31	573.37	573.42	573.38	573.38	573.26	573.28					
11	20JULY	74	573.54	573.33	573.28	573.19	573.30	573.28	573.41	573.07	573.15	573.35					
21	31JULY	74	573.25	573.30	573.36	573.30	573.14	573.23	573.24	573.08	573.11	572.82	572.90	572.89	11 0700	574.13	29 2200 572.28
1	10AUG	74	573.02	573.12	573.04	572.49	572.81	573.06	573.15	573.03	573.12	573.37					
11	20AUG	74	573.24	572.89	572.92	573.11	573.02	573.01	572.78	572.96	572.88	572.99					
21	31AUG	74	572.95	573.02	572.98	572.78	572.95	572.99	572.85	572.63	573.05	572.89	572.76	572.46	2 1600	574.01	31 1000 571.92
1	10SEPT	74	572.75	572.98	572.95	572.76	572.81	572.82	572.71	572.61	572.61	572.61					
11	20SEPT	74	572.61	572.51	572.24	572.40	572.02	572.57	572.24	572.59	572.51	572.41					
21	30SEPT	74	572.44	572.34	572.29	572.45	572.53	571.90	572.13	572.29	572.36	571.40	571.79	2 2400	573.42	29 1500 569.71	
1	10OCT	74	571.66	571.96	572.25	572.17	572.02	572.01	571.86	572.13	572.02	571.98					
11	20OCT	74	572.12	571.99	572.35	571.77	572.01	572.08	571.53	571.92	571.91	571.91					
21	31OCT	74	571.92	571.83	571.54	571.71	572.00	571.68	571.69	571.80	571.92	571.92	571.87	571.86	17 2200	572.74	17 1000 570.75
1	10NOV	74	571.80	571.95	571.90	572.09	571.69	571.79	571.88	571.86	571.96	572.13					
11	20NOV	74	571.93	571.69	571.40	570.90	570.41	571.56	571.49	571.58	571.88	570.92					
21	30NOV	74	571.68	570.71	571.86	571.91	571.64	571.60	571.98	572.02	571.26	571.85	572.79	30 1900	573.56	21 0800 569.14	
1	10DEC	74	573.65	572.19	571.54	571.86	571.91	572.17	572.10	571.48	571.27	571.60					
11	20DEC	74	571.98	571.94	572.01	572.12	572.58	571.98	571.48	571.50	571.49	572.11					
21	31DEC	74	571.93	571.98	572.08	571.94	572.07	571.47	571.78	571.74	571.96	571.91	571.90	572.22	1 1300	574.44	19 2000 569.97

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

ANNUAL SUMMARY OF LEVELS
WYANDOTTE, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 573.96 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 574.57 MAY 1974
DAILY MEAN ELEVATION 575.07 8 APR 1974
INSTANT/HOURLY ELEVATION 575.88 1200 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.37	10	JAN	1974
574.37	2	FEB	1974
574.82	8	MAR	1974
575.07	8	APR	1974
574.98	20	MAY	1974
574.68	27	JUNE	1974
574.74	11	JULY	1974
574.54	10	AUG	1974
574.26	2	SEPT	1974
573.64	13	OCT	1974
573.82	30	NOV	1974
574.50	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 573.11 NOV 1974
DAILY MEAN ELEVATION 572.20 15 NOV 1974
INSTANT/HOURLY ELEVATION 571.66 1500 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.36	21	JAN	1974
573.35	23	FEB	1974
573.65	24	MAR	1974
573.90	14	APR	1974
574.15	6	MAY	1974
574.14	11	JUNE	1974
574.22	31	JULY	1974
573.89	31	AUG	1974
573.16	29	SEPT	1974
573.04	22	OCT	1974
572.20	15	NOV	1974
572.89	8	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
575.20													0
575.00				1									1
574.80			1		5								7
574.60			3	1	10	13	4						38
574.40			5	9	11	14	21	2				1	101
574.20	3	1	6	14	4	2	6	21	2				160
574.00	1	1	8	3	1	1		6	5				186
573.80	8	12	4	2				2	10		1		225
573.60	11	10	3						8	1		1	259
573.40	6	3							3	10	2	1	284
573.20	1	1							1	14	11	14	326
573.00									1	4	8	6	345
572.80											4	5	354
572.60											2		356
572.40											1		357
572.20											1		358

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4030

DAILY WATER LEVELS
WYANDOTTE, MI. ON DETROIT RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY		INSTANT/HOURLY TIME		ELEV.		LOW DAY		ELEV.	
1	10JAN	74	573.45	573.61	573.70	573.58	573.59	573.63	573.60	574.12	574.32	574.37										
11	20JAN	74	574.23	573.98	573.98	573.68	573.60	573.52	573.86	573.78	573.65	573.80										
21	31JAN	74	573.76	573.36	573.63	573.45	573.61	573.78	573.87	573.90	573.85	573.87	573.45	10	0900	574.52	31	1600	572.80			
1	10FEB	74	573.89	574.37	573.94	573.98	573.94	574.10	573.80	573.84	573.70	573.70										
11	20FEB	74	573.48	573.76	573.68	573.85	573.92	573.74	573.66	573.87	573.70	573.59										
21	28FEB	74	573.79	573.82	573.56	573.35	573.98	573.71	573.74	573.84	573.74		2	0400	574.73	23	0300	572.61				
1	10MAR	74	573.70		573.72	573.96	574.04	574.20	574.26	574.82	574.51	574.49										
11	20MAR	74	574.56	574.69	574.45	574.35	574.40	574.09	573.82	574.10	574.19	574.36										
21	31MAR	74	574.22	574.03	573.92	574.08	573.65	574.22	573.99	574.15	574.66	574.69	574.33	574.05	12	1100	575.39	24	1800	573.09		
1	10APR	74	574.54	574.12	574.42	574.14	574.33	574.40	574.49	575.07	574.62	574.53										
11	20APR	74	574.56	574.51	574.35	573.90	573.93	574.35	574.35	574.36	574.44	574.48										
21	30APR	74	574.36	574.37	574.25	574.02	574.31	574.34	574.39	574.38	574.28	574.26	574.29	8	1200	575.88	14	2400	572.70			
1	10MAY	74	574.46	574.56	574.34	574.50	574.37	574.15	574.30	574.83	574.41	574.47										
11	20MAY	74	574.61	574.26	574.40	574.54	574.52	574.80	574.70	574.77	574.93	574.98										
21	31MAY	74	574.57	574.83	574.70	574.53	574.48	574.55	574.61	574.61	574.60	574.60	574.67	574.62	8	1500	575.51	12	2300	573.73		
1	10JUNE	74	574.60	574.62	574.58	574.59	574.62	574.65	574.66	574.57	574.54	574.25										
11	20JUNE	74	574.14	574.40	574.44	574.54	574.51	574.41	574.39	574.47	574.57	574.60										
21	30JUNE	74	574.54	574.54	574.63	574.68	574.61	574.64	574.60	574.68	574.66	574.55	574.47	23	1100	574.99	11	0200	573.31			
1	10JULY	74	574.56	574.50	574.54	574.51	574.59	574.62	574.61	574.59	574.53	574.57										
11	20JULY	74	574.74	574.58	574.52	574.49	574.55	574.55	574.58	574.34	574.45	574.60										
21	31JULY	74	574.50	574.52	574.56	574.57	574.44	574.48	574.48	574.35	574.38	574.22	574.22	574.22	11	0900	575.06	29	2300	573.93		
1	10AUG	74	574.29	574.37	574.29	573.94	574.14	574.29	574.37	574.32	574.39	574.54										
11	20AUG	74	574.42	574.22	574.26	574.37	574.30	574.31	574.20	574.28	574.22	574.26										
21	31AUG	74	574.25	574.27	574.24	574.15	574.27	574.26	574.16	574.04	574.29	574.19	574.10	573.89	10	1700	574.70	31	1100	573.62		
1	10SEPT	74	574.10	574.26	574.25	574.11	574.12	574.14	574.05	573.96	573.94	573.93										
11	20SEPT	74	573.87	573.88	573.68	573.80	573.51	573.88	573.69	573.90	573.82	573.81										
21	30SEPT	74	573.82	573.76	573.72	573.78	573.79	573.41	573.52	573.63	573.69	573.16	573.38	3	0100	574.50	29	1500	572.38			
1	10OCT	74	573.27	573.44			573.42	573.41	573.36	573.49	573.45	573.42										
11	20OCT	74	573.48	573.43	573.64	573.24	573.39	573.44	573.10	573.40	573.37	573.36										
21	31OCT	74	573.33	573.25	573.04	573.23	573.35	573.16	573.17	573.21	573.27	573.27	573.24	573.23	17	2300	573.79	17	1100	572.68		
1	10NOV	74	573.20	573.29	573.27	573.41	573.31	573.25	573.28	573.26	573.32	573.40										
11	20NOV	74	573.24	573.13	572.91	572.71	572.20	572.93	572.92	573.00	573.17	572.70										
21	30NOV	74	573.11	572.56	573.18	573.18	573.06	573.11	573.28	573.31	572.84	573.19	573.82	30	2200	574.26	15	1500	571.66			
1	10DEC	74	574.50			573.33	573.41	573.37	573.04	572.89	572.99	573.24										
11	20DEC	74	573.25	573.31	573.38	573.63	573.26	572.95	572.93	573.00		573.29										
21	31DEC	74	573.25	573.30	573.29	573.24	573.33	572.98	573.08	573.07	573.19	573.17	573.23	573.39	1	1500	574.91	18	2000	572.29		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4030

ANNUAL SUMMARY OF LEVELS
FORT WAYNE, DETROIT, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 574.45 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 575.02 MAY 1974
DAILY MEAN ELEVATION 575.44 8 APR 1974
INSTANT/HOURLY ELEVATION 575.81 1400 8 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.78	10	JAN	1974
574.78	2	FEB	1974
575.27	8	MAR	1974
575.44	8	APR	1974
575.38	20	MAY	1974
575.12	23	JUNE	1974
575.19	11	JULY	1974
574.99	10	AUG	1974
574.73	2	SEPT	1974
574.12	3	OCT	1974
574.18	30	NOV	1974
574.70	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 573.62 NOV 1974
DAILY MEAN ELEVATION 572.83 15 NOV 1974
INSTANT/HOURLY ELEVATION 572.49 1500 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.91	21	JAN	1974
573.78	22	FEB	1974
574.32	24	MAR	1974
574.51	14	APR	1974
574.66	6	MAY	1974
574.64	11	JUNE	1974
574.74	30	JULY	1974
574.42	31	AUG	1974
573.76	29	SEPT	1974
573.59	22	OCT	1974
572.83	15	NOV	1974
573.43	18	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
575.60													0
575.40				1									1
575.20			1		6								8
575.00			7	5	11	18	17						66
574.80			4	18	11	10	11	7					127
574.60	3	1	6	4	3	2	3	21	6			1	177
574.40	4	6	10	2				3	5				207
574.20	7	13	3						12				242
574.00	15	7							4	5	1	2	276
573.80	2								2	14	5	5	304
573.60		1							1	11	14	14	345
573.40										1	6	9	361
573.20											2		363
573.00											1		364
572.80											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

DAILY WATER LEVELS

FORT WAYNE, DETROIT, MI. ON DETROIT RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY		INSTANT/HOURLY TIME		LOW DAY	
ELEV. DAY TIME ELEV.																		
1	10JAN	74		574.04	574.16	574.21	574.12	574.12	574.15	574.14	574.54	574.74	574.78					
11	20JAN	74		574.70	574.53	574.49	574.19	574.09	574.01	574.25	574.20	574.08	574.21					
21	31JAN	74	574.24	573.91	574.16	574.04	574.15	574.16	574.30	573.93	574.42	574.39	574.37	574.02	10 0900	574.88 27 0600 573.10		
1	10FEB	74		574.40	574.78	574.42	574.45	574.43	574.54	574.28	574.28	574.16	574.18					
11	20FEB	74		574.04	574.24	574.15	574.30	574.24	574.11	574.26	574.24	574.06	574.20					
21	28FEB	74	574.28	574.36	573.78	574.40	574.35	574.25	574.34	574.32	574.19			2 0400	575.01 22 1000 573.48			
1	10MAR	74		574.42	574.40	574.38	574.49	574.72	574.75	575.10	575.27	575.00	575.03					
11	20MAR	74		575.06	575.16	574.95	574.85	574.87	574.62	574.38	574.59	574.67	574.80					
21	31MAR	74	574.72	574.54	574.40	574.55	574.32	574.57	574.47	574.62	575.02	575.07	574.79	574.54	12 1100	575.65 24 1300 573.82		
1	10APR	74		574.94	574.62	574.88	574.66	574.85	574.91	575.00	575.44	575.12	575.02					
11	20APR	74		575.04	575.04	574.90	574.51	574.54	574.90	574.90	574.91	574.97	574.99					
21	30APR	74	574.88	574.90	574.82	574.64	574.87	574.90	574.94	574.92	574.85	574.79	574.80		8 1400	575.81 14 2100 573.60		
1	10MAY	74		574.91	574.99	574.81	574.94	574.83	574.66	574.78	575.23	574.90	574.96					
11	20MAY	74		575.06	574.77	574.88	575.06	575.02	575.22	575.13	575.22	575.34	575.38					
21	31MAY	74	575.02	575.26	575.14	574.98	574.93	574.99	575.03	575.02	575.00	575.01	575.08	575.02	8 1500	575.77 6 1400 574.35		
1	10JUNE	74		575.01	575.00	575.00	575.00	575.03	575.06	575.06	574.98	574.98	574.71					
11	20JUNE	74		574.64	574.86	574.88	574.97	574.95	574.88	574.85	574.94	575.02	575.04					
21	30JUNE	74	574.98	575.01	575.09	575.12	575.05	575.08	575.06	575.11	575.11	575.02	574.96		23 1100	575.38 11 0200 573.95		
1	10JULY	74		575.05	574.99	575.01	574.97	575.05	575.08	575.08	575.06	575.02	575.06					
11	20JULY	74		575.19	575.05	575.00	574.96	575.02	575.02	575.03	574.84	574.93	575.05					
21	31JULY	74	574.98	574.98	575.02	575.02	574.94	574.95	574.94	574.85	574.85	574.75	574.74	574.77	31 0800	575.68 29 1600 574.50		
1	10AUG	74		574.81	574.85	574.77	574.47	574.65	574.77	574.83	574.79	574.86	574.99					
11	20AUG	74		574.87	574.71	574.75	574.83	574.78	574.79	574.72	574.75	574.72	574.75					
21	31AUG	74	574.73	574.74	574.71	574.65	574.75	574.74	574.64	574.56	574.76	574.68	574.61	574.42	10 1700	575.11 31 1500 574.22		
1	10SEPT	74		574.60	574.73	574.72	574.60	574.60	574.63	574.55	574.46	574.44	574.42					
11	20SEPT	74		574.38	574.40	574.22	574.32	574.07	574.37	574.23	574.39	574.31	574.31					
21	30SEPT	74	574.33	574.27	574.24	574.28	574.26	573.97	574.05	574.14	574.18	573.76	573.93		3 0100	574.88 29 1400 573.17		
1	10OCT	74		573.84	574.00	574.12	574.04	573.93	573.93	573.89	574.01	573.96	573.93					
11	20OCT	74		573.97	573.94	574.11	573.78	573.90	573.94	573.67	573.92	573.89	573.89					
21	31OCT	74	573.86	573.78	573.59	573.77	573.85	573.71	573.71	573.73	573.77	573.75	573.74	573.74	17 2400	574.24 17 1100 573.30		
1	10NOV	74		573.69	573.78	573.77	573.88	573.86	573.76	573.80	573.77	573.81	573.87					
11	20NOV	74		573.75	573.64	573.43	573.30	572.83	573.44	573.43	573.51	573.65	573.28					
21	30NOV	74	573.62	573.16	573.65	573.66	573.57	573.64	573.76	573.78	573.40	573.67	574.18		30 2000	574.58 15 1500 572.49		
1	10DEC	74		574.70	574.18	573.73	573.80	573.79	573.85	573.82	573.57	573.44	573.50					
11	20DEC	74		573.69	573.72	573.78	573.83	574.03	573.70	573.46	573.43	573.50	573.67					
21	31DEC	74	573.72	573.66	573.73	573.69	573.77	573.49	573.56	573.56	573.64	573.63	573.69	573.81	1 1500	575.04 19 2000 572.93		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

ANNUAL SUMMARY OF LEVELS
WINDMILL POINT, DETROIT, MI. ON DETROIT RIVER

YEARLY MEAN ELEVATION 575.31 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 575.85 MAY 1974
DAILY MEAN ELEVATION 576.25 20 MAY 1974
INSTANT/HOURLY ELEVATION 576.34 0700 20 MAY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.46	11	JAN	1974
575.57	2	FEB	1974
576.01	12	MAR	1974
576.16	8	APR	1974
576.25	20	MAY	1974
576.01	23	JUNE	1974
576.02	11	JULY	1974
575.79	10	AUG	1974
575.60	2	SEPT	1974
575.01	3	OCT	1974
574.93	30	NOV	1974
575.26	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 574.55 NOV 1974
DAILY MEAN ELEVATION 573.92 15 NOV 1974
INSTANT/HOURLY ELEVATION 573.64 1200 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.81	16	JAN	1974
574.92	11	FEB	1974
575.11	1	MAR	1974
575.31	14	APR	1974
575.57	6	MAY	1974
575.52	10	JUNE	1974
575.63	30	JULY	1974
575.37	31	AUG	1974
574.85	29	SEPT	1974
574.54	22	OCT	1974
573.92	15	NOV	1974
574.37	18	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
576.40													0
576.20					2								2
576.00			1	1	5	1	1						11
575.80			5	3	11	18	23						71
575.60			5	17	12	9	7	21	1				143
575.40	2	1	6	7	1	2		9	6				177
575.20	7	6	10	2				1	9			1	213
575.00	13	15	4						8	1		1	255
574.80	9	6							4	17	2		293
574.60										12	13	12	330
574.40										1	9	16	356
574.20											5	1	362
574.00													362
573.80											1		363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

DAILY WATER LEVELS
WINDMILL POINT, DETROIT, MI. ON DETROIT RIVER

MONTHLY MEANS														HIGH DAY TIME		INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME ELEV.	
1	10JAN	74	575.04	575.06	575.11	575.05	575.01	575.01	575.00	575.21	575.38	575.46							
11	20JAN	74	575.46	575.39	575.26	574.98	574.85	574.81	574.89	574.90	574.86	574.94							
21	31JAN	74	575.09	574.86	575.01	575.01	575.10	575.14	575.18	574.90	575.37	575.36	575.27	575.06	10 2100	575.54	27 0400 573.99		
1	10FEB	74	575.38	575.57	575.34	575.36	575.29	575.26	575.15	575.10	575.03	575.00							
11	20FEB	74	574.92	574.95	574.94	575.01	575.06	575.03	574.99	575.02	574.97	574.95							
21	28FEB	74	575.12	575.00	575.08	575.10	575.28	575.18	575.15	575.13	575.09						2 0800 575.65	11 0300 574.87	
1	10MAR	74	575.11	575.21	575.14	575.30	575.43	575.59	575.69	575.94	575.91	575.96							
11	20MAR	74	575.91	576.01	575.82	575.68	575.64	575.50	575.32	575.37	575.48	575.52							
21	31MAR	74	575.50	575.37	575.19	575.33	575.15	575.27	575.23	575.37	575.60	575.67	575.52	575.38	12 1500	576.14	23 0300 574.85		
1	10APR	74	575.57	575.38	575.53	575.44	575.66	575.74	575.80	576.16	575.98	575.82							
11	20APR	74	575.79	575.72	575.70	575.31	575.53	575.71	575.65	575.70	575.73	575.71							
21	30APR	74	575.66	575.60	575.58	575.54	575.70	575.66	575.68	575.67	575.60	575.59	575.62	8 0900	576.30	14 2100 574.71			
1	10MAY	74	575.71	575.71	575.62	575.70	575.61	575.57	575.60	575.88	575.75	575.75							
11	20MAY	74	575.79	575.64	575.72	575.76	575.84	576.03	576.07	576.15	576.23	576.25							
21	31MAY	74	575.85	576.16	576.07	575.91	575.88	575.89	575.91	575.88	575.82	575.87	575.90	575.85	20 0700	576.34	7 0700 575.30		
1	10JUNE	74	575.85	575.85	575.84	575.81	575.82	575.83	575.80	575.79	575.76	575.52							
11	20JUNE	74	575.57	575.74	575.71	575.77	575.76	575.74	575.69	575.79	575.85	575.86							
21	30JUNE	74	575.82	575.88	575.97	576.01	575.93	575.92	575.90	575.92	575.93	575.88	575.83	26 1800	576.27	11 0100 575.11			
1	10JULY	74	575.88	575.82	575.87	575.83	575.91	575.94	575.94	575.93	575.90	575.97							
11	20JULY	74	576.02	575.92	575.86	575.85	575.92	575.89	575.85	575.73	575.85	575.90							
21	31JULY	74	575.85	575.84	575.87	575.89	575.83	575.81	575.79	575.74	575.69	575.63	575.65	11 0300	576.17	4 1500 575.48			
1	10AUG	74	575.67	575.71	575.62	575.44	575.57	575.62	575.67	575.69	575.74	575.79							
11	20AUG	74	575.66	575.61	575.63	575.69	575.63	575.64	575.65	575.65	575.63	575.61							
21	31AUG	74	575.61	575.60	575.57	575.57	575.63	575.60	575.50	575.49	575.59	575.54	575.49	575.37	9 1600	575.91	4 2100 575.25		
1	10SEPT	74	575.51	575.60	575.56	575.50	575.48	575.49	575.42	575.33	575.33	575.30							
11	20SEPT	74	575.24	575.28	575.19	575.23	575.03	575.25	575.17	575.26	575.15	575.25							
21	30SEPT	74	575.23		575.16	575.07	574.95	574.97	575.01	575.04	574.85	574.93						2 2100 575.80	29 1300 574.56
1	10OCT	74	574.87	574.98	575.01	574.91	574.83	574.82	574.86	574.89	574.89	574.87							
11	20OCT	74	574.87	574.89	574.96	574.71	574.82	574.83	574.70	574.86	574.83	574.84							
21	31OCT	74	574.79	574.69	574.54	574.73	574.72	574.67	574.66	574.65	574.64	574.64	574.61	574.63	13 0100	575.10	22 0700 574.38		
1	10NOV	74	574.60	574.70	574.66	574.79	574.84	574.73	574.71	574.70	574.72	574.73							
11	20NOV	74	574.61	574.58	574.42	574.29	573.92	574.32	574.35	574.42	574.52	574.32							
21	30NOV	74	574.55	574.29	574.56	574.50	574.52	574.61	574.67	574.61	574.42	574.58	574.93	30 2400	575.22	15 1200 573.64			
1	10DEC	74	575.26	575.13	574.79	574.77	574.71	574.70	574.66	574.54	574.47	574.42							
11	20DEC	74	574.54	574.60	574.64	574.69	574.76	574.53	574.40	574.37	574.43	574.54							
21	31DEC	74	574.61	574.64	574.55	574.56	574.63	574.45	574.41	574.45	574.50	574.50	574.57	574.62	1 1500	575.59	19 1700 574.21		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

110042

ANNUAL SUMMARY OF LEVELS
ST. CLAIR SHORES, MI. ON LAKE ST. CLAIR

YEARLY MEAN ELEVATION 575.53 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 576.06 MAY 1974
DAILY MEAN ELEVATION 576.42 20 MAY 1974
INSTANT/HOURLY ELEVATION 576.50 2100 19 MAY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.68	11	JAN	1974
575.66	2	FEB	1974
576.15	10	MAR	1974
576.21	8	APR	1974
576.42	20	MAY	1974
576.11	28	JUNE	1974
576.17	11	JULY	1974
576.00	10	AUG	1974
575.74	2	SEPT	1974
575.22	3	OCT	1974
575.00	5	NOV	1974
575.18	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 574.79 NOV 1974
DAILY MEAN ELEVATION 574.42 15 NOV 1974
INSTANT/HOURLY ELEVATION 574.20 0500 21 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.05	16	JAN	1974
575.20	13	FEB	1974
575.36	1	MAR	1974
575.61	2	APR	1974
575.77	6	MAY	1974
575.82	11	JUNE	1974
575.87	30	JULY	1974
575.61	31	AUG	1974
575.09	29	SEPT	1974
574.86	31	OCT	1974
574.42	15	NOV	1974
574.65	18	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
576.60													0
576.40					2								2
576.20				1	5								8
576.00			5	2	12	22	25	1					75
575.80			6	19	11	8	6	21					146
575.60	4	3	7	8	1			9	7				185
575.40	8	11	12						12				228
575.20	14	14	1						9	1			267
575.00	5								2	18	1	3	296
574.80										12	14	15	337
574.60											12	13	362
574.40											3		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4052

DAILY WATER LEVELS
ST. CLAIR SHORES, MI. ON LAKE ST. CLAIR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74	575.33	575.35	575.38	575.35	575.31	575.29	575.29	575.40	575.58	575.66								
11	20JAN	74	575.68	575.64	575.50	575.24	575.08	575.05	575.08	575.15	575.15	575.23								
21	31JAN	74	575.36	575.20	575.26	575.35	575.42	575.44	575.43	575.33	575.59	575.62	575.57	575.36	11	0700	575.72	27	0500	574.80
1	10FEB	74	575.57	575.66	575.61	575.60	575.53	575.52	575.48	575.41	575.34	575.28								
11	20FEB	74	575.22	575.20	575.20	575.26	575.29	575.30	575.28	575.28	575.25	575.27								
21	28FEB	74	575.39	575.26	575.40	575.41	575.52	575.51	575.46	575.42	575.36									
2 0800 575.71 28 2200 575.14																				
1	10MAR	74	575.36	575.43	575.44	575.51	575.67	575.83	575.90	576.09	576.12	576.15								
11	20MAR	74	576.10	576.11	575.97	575.88	575.85	575.69	575.50	575.62	575.65	575.70								
21	31MAR	74	575.71	575.58	575.50	575.54	575.42	575.52	575.45	575.56	575.71	575.80	575.72	575.59	9	0300	576.27	24	1700	575.19
1	10APR	74	575.73	575.61	575.73	575.75	575.87	575.94	575.98	576.21	576.12	576.03								
11	20APR	74	575.99	575.95	575.84	575.63	575.68	575.85	575.83	575.89	575.91	575.91								
21	30APR	74	575.85	575.83	575.79	575.73	575.85	575.86	575.88	575.87	575.81	575.80	575.81							
8 0900 576.31 14 1500 575.19																				
1	10MAY	74	575.89	575.93	575.83	575.87	575.87	575.77	575.81	576.03	575.93	575.95								
11	20MAY	74	575.99	575.91	575.94	576.03	576.06	576.23	576.26	576.34	576.41	576.42								
21	31MAY	74	576.06	576.36	576.27	576.13	576.10	576.08	576.09	576.06	576.04	576.06	576.06	576.05	19	2100	576.50	12	1700	575.53
1	10JUNE	74	576.04	576.04	576.04	576.01	576.03	576.04	576.04	576.00	575.99	575.86								
11	20JUNE	74	575.82	575.94	575.94	575.99	576.00	575.96	575.95	576.01	576.06	576.07								
21	30JUNE	74	576.02	576.07	576.10	576.11	576.09	576.10	576.09	576.10	576.11	576.10	576.07							
26 1800 576.28 11 0100 575.45																				
1	10JULY	74	576.08	576.06	576.11	576.07	576.11	576.13	576.14	576.12	576.09	576.13								
11	20JULY	74	576.17	576.11	576.08	576.05	576.10	576.08	576.07	575.99	576.05	576.07								
21	31JULY	74	576.05	576.04	576.07	576.08	576.03	576.02	575.98	575.97	575.92	575.87	575.88	14	1900	576.39	29	0500	575.77	
1	10AUG	74	575.89	575.91	575.88	575.74	575.78	575.83	575.87	575.90	575.93	576.00								
11	20AUG	74	575.92	575.83	575.83	575.87	575.85	575.85	575.86	575.86	575.83	575.82								
21	31AUG	74	575.82	575.82	575.80	575.79	575.81	575.81	575.75	575.71	575.76	575.74	575.72	575.61	16	2100	576.14	31	0900	575.54
1	10SEPT	74	575.70	575.74	575.71	575.69	575.69	575.69	575.63	575.58	575.56	575.54								
11	20SEPT	74	575.49	575.53	575.43	575.46	575.35	575.45	575.39	575.47	575.41	575.41								
21	30SEPT	74	575.45	575.38	575.36	575.40	575.34	575.20	575.23	575.24	575.27	575.09	575.16							
2 2100 575.86 29 1000 574.71																				
1	10OCT	74	575.08	575.12	575.22	575.18	575.11	575.08	575.07	575.12	575.11	575.10								
11	20OCT	74	575.10	575.10	575.16	575.00	575.03	575.05	574.93	575.04	575.02	575.02								
21	31OCT	74	575.01	574.94	574.86	574.95	574.93	574.89	574.88	574.88	574.87	574.87	574.86	574.86	3	1600	575.29	22	1000	574.78
1	10NOV	74	574.84	574.88	574.87	574.97	575.00	574.91	574.93	574.91	574.94	574.95								
11	20NOV	74	574.88	574.80	574.73	574.63	574.42	574.62	574.64	574.67	574.74	574.59								
21	30NOV	74	574.79	574.48	574.78	574.77	574.76	574.75	574.86	574.87	574.69	574.78	574.98							
5 0600 575.17 21 0500 574.20																				
1	10DEC	74	575.18	575.15	574.94	574.99	574.95	574.93	574.88	574.76	574.70	574.72								
11	20DEC	74	574.79	574.82	574.85	574.88	575.01	574.80	574.68	574.65	574.72	574.77								
21	31DEC	74	574.83	574.83	574.82	574.80	574.83	574.70	574.70	574.71	574.74	574.75	574.81	574.88	2	0400	575.37	18	0900	574.52

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4052

ANNUAL SUMMARY OF LEVELS
MINNICH'S DOCK, HARSSENS IS. MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 575.66 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 576.21 MAY 1974
DAILY MEAN ELEVATION 576.35 23 MAY 1974
INSTANT/HOURLY ELEVATION 576.70 1510 4 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.87	27	JAN	1974
575.77	4	FEB	1974
576.20	10	MAR	1974
		APR	1974
576.35	23	MAY	1974
576.24	30	JUNE	1974
576.28	4	JULY	1974
576.11	4	AUG	1974
575.80	4	SEPT	1974
575.45	4	OCT	1974
575.22	15	NOV	1974
575.18	4	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 574.99 NOV 1974
DAILY MEAN ELEVATION 574.81 30 NOV 1974
INSTANT/HOURLY ELEVATION 574.59 1345 21 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.26	16	JAN	1974
575.42	19	FEB	1974
575.53	1	MAR	1974
		APR	1974
576.13	30	MAY	1974
576.05	12	JUNE	1974
576.06	31	JULY	1974
575.83	28	AUG	1974
575.39	30	SEPT	1974
574.98	29	OCT	1974
574.81	30	NOV	1974
574.82	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
576.40													0
576.20			1		3	2	12						18
576.00			5		7	28	19	8					85
575.80	5		11					23	1				125
575.60	6	13	9						16				169
575.40	8	15	2						11	1			206
575.20	6								2	14	1		229
575.00										13	14	12	268
574.80										3	15	19	305

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4058

DAILY WATER LEVELS

MINNICH'S DOCK, HARSENS IS. MI. ON ST. CLAIR RIVER

			MONTHLY MEANS											HIGH INSTANT/HOURLY LOW											
DAY	MONTH													DAY	TIME	ELEV.	DAY	TIME	FLEV.						
1	10JAN	74												575.49	575.54	575.70	575.78								
11	20JAN	74	575.84	575.81	575.69	575.41	575.30	575.26	575.29	575.34	575.31	575.39													
21	31JAN	74	575.57	575.42	575.40	575.53	575.59	575.60	575.57	575.87	575.71	575.79	575.82	575.81	27	0400	576.47	16	1600	575.23					
1	10FEB	74	575.64	575.61	575.73	575.77	575.68	575.68	575.67	575.59	575.54	575.49													
11	20FEB	74	575.47	575.43	575.43	575.46	575.49	575.49	575.47	575.44	575.42	575.45													
21	28FEB	74	575.57	575.44	575.64	575.70	575.71	575.74	575.70	575.63	575.58									4	1000	575.84	19	0600	575.39
1	10MAR	74	575.53	575.54	575.65	575.64	575.85	575.96	575.95	576.08	576.18	576.20													
11	20MAR	74	576.15	576.01	576.01	575.99	575.91	575.83	575.79	575.83	575.76	575.78													
21	31MAR	74	575.85	575.81	575.86	575.76	575.79	575.83	575.70	575.74	575.80									8	2000	576.31	1	1400	575.48
1	10APR	74																							
11	20APR	74																							
21	30APR	74																							
1	10MAY	74																							
11	20MAY	74																							
21	31MAY	74	576.21	576.35	576.35	576.28	576.19	576.16	576.15	576.16	576.14	576.13	576.16	23	1500	576.47	31	1800	576.04						
1	10JUNE	74	576.13	576.12	576.11	576.12	576.11	576.12	576.15	576.10	576.12	576.23													
11	20JUNE	74	576.08	576.05	576.08	576.10	576.13	576.13	576.16	576.13	576.16	576.14													
21	30JUNE	74	576.13	576.15	576.13	576.09	576.13	576.14	576.17	576.18	576.18	576.19	576.24	10	1835	576.47	13	1955	575.95						
1	10JULY	74	576.23	576.28	576.28	576.28	576.21	576.23	576.23	576.22	576.21	576.17													
11	20JULY	74	576.19	576.20	576.21	576.18	576.14	576.18	576.19	576.20	576.11	576.09													
21	31JULY	74	576.17	576.12	576.12	576.13	576.12	576.12	576.12	576.11	576.08	576.10	576.08	576.06	4	1510	576.70	14	1814	575.77					
1	10AUG	74	576.06	576.03	576.08	576.11	575.94	575.96	575.96	575.99	576.02	576.04													
11	20AUG	74	576.05	575.96	575.95	575.94	575.95	575.96	576.00	575.97	575.93	575.94													
21	31AUG	74	575.95	575.93	575.93	575.90	575.88	575.90	575.90	575.86	575.83	575.84	575.85	575.86	4	1312	576.25	27	1550	575.73					
1	10SEPT	74	575.78	575.72	575.76	575.80	575.78	575.76	575.74	575.74	575.70	575.68													
11	20SEPT	74	575.68	575.71	575.67	575.65	575.68	575.56	575.59	575.55	575.60	575.49													
21	30SEPT	74	575.61	575.52	575.45	575.52	575.61	575.49	575.46	575.40	575.39	575.39	15	0530	575.87	30	1520	575.27							
1	10OCT	74	575.35	575.28	575.35	575.45	575.36	575.31	575.21	575.30	575.24	575.24													
11	20OCT	74	575.23	575.18	575.18	575.27	575.16	575.21	575.18	575.12	575.11	575.09													
21	31OCT	74	575.17	575.21	575.20	575.05	575.05	575.02	575.04	575.03	574.98	574.98	575.01	574.99	4	0700	575.52	31	1800	574.96					
1	10NOV	74	574.98	574.97	575.00	575.02	575.07	575.07	575.07	575.05	575.03	575.03													
11	20NOV	74	575.13	575.00	575.08	575.15	575.22	574.96	574.93	574.88	574.87	574.93													
21	30NOV	74	574.99	574.82	574.95	575.02	574.95	574.89	574.95	575.05	574.98	574.87	574.81	15	1115	575.42	21	1345	574.59						
1	10DEC	74	574.82	575.01	575.14	575.18	575.12	575.07	574.99	574.98	574.96	575.04													
11	20DEC	74	574.97	574.95	574.95	574.96	575.03	575.06	575.01	574.98	575.05	574.94													
21	31DEC	74	575.00	574.92	575.04	574.98	574.94	574.99	575.07	574.99	574.99	574.99	574.93	574.95	5	0028	575.28	1	1655	574.68					

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4058

ANNUAL SUMMARY OF LEVELS
ST. CLAIR FLATS, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 575.61 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 576.23 JULY 1974
DAILY MEAN ELEVATION 576.35 20 MAY 1974
INSTANT/HOURLY ELEVATION 576.70 1906 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.73	11	JAN	1974
575.70	25	FEB	1974
576.16	10	MAR	1974
576.10	9	APR	1974
576.35	20	MAY	1974
576.16	30	JUNE	1974
576.33	13	JULY	1974
576.16	3	AUG	1974
575.89	5	SEPT	1974
575.46	1	OCT	1974
575.03	5	NOV	1974
575.06	4	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 574.87 NOV 1974
DAILY MEAN ELEVATION 574.66 21 NOV 1974
INSTANT/HOURLY ELEVATION 574.41 1320 21 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.11	16	JAN	1974
575.31	11	FEB	1974
575.13	27	MAR	1974
575.18	1	APR	1974
575.80	7	MAY	1974
575.89	11	JUNE	1974
576.10	8	JULY	1974
575.92	31	AUG	1974
575.50	27	SEPT	1974
574.91	29	OCT	1974
574.66	21	NOV	1974
574.81	20	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
576.40													0
576.20					5		22						27
576.00			7	4	14	22	9	23					106
575.80			5	23	12	6		8	12				172
575.60	9	7	2	2					12				204
575.40	10	13	8						6	1			242
575.20	8	6	5							6			267
575.00	4		4	1						15	6	3	300
574.80										9	15	28	352
574.60											9		361

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

DAILY WATER LEVELS

ST. CLAIR FLATS, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10JAN	74		575.44	575.41	575.44	575.40	575.36	575.34	575.35	575.44	575.63	575.71						
11	20JAN	74		575.73	575.69	575.55	575.29	575.14	575.11	575.13	575.20	575.19	575.26						
21	31JAN	74	575.44	575.28	575.28	575.42	575.47	575.50	575.47	575.68	575.63	575.68	575.68	575.63	27 0400	576.12	27 0115 574.89		
1	10FEB	74		575.57	575.58	575.64	575.66	575.58	575.55	575.53	575.45	575.39	575.34						
11	20FEB	74		575.31	575.33	575.33	575.38	575.41	575.45	575.45	575.43	575.42	575.44						
21	28FEB	74	575.50	575.44	575.64	575.66	575.70	575.70	575.67					22 2000	575.81	11 1900 575.29			
1	10MAR	74		575.54	575.58	575.65	575.67	575.87	575.98	576.00	576.11	576.16	576.16						
11	20MAR	74		576.12	576.03	576.00	575.95	575.86	575.80	575.50	575.48	575.50	575.52						
21	31MAR	74	575.63	575.51	575.44	575.34	575.33	575.28	575.14	575.13	575.17	575.27	575.25	575.18	8 2100	576.26	26 1400 575.03		
1	10APR	74		575.18	575.69	575.71	575.91	575.94	575.99	576.02	576.08	576.10	576.05						
11	20APR	74		575.98	575.96	575.91	575.98	575.82	575.83	575.86	575.85	575.86	575.89						
21	30APR	74	575.87	575.86	575.89	575.85	575.82	575.87	575.87	575.85	575.82	575.84	575.85		9 0500	576.14	1 0500 575.17		
1	10MAY	74		575.81	575.87	575.84	575.85	575.87	575.80	575.80	575.87	575.91	575.92						
11	20MAY	74		575.95	576.00	575.99	576.10	576.19	576.19	576.18	576.25	576.32	576.35						
21	31MAY	74	576.03	576.29	576.22	576.17	576.12	576.06	576.02	576.01	576.01	576.00	576.00	576.00	20 1900	576.38	5 1600 575.67		
1	10JUNE	74		575.99			576.08	576.09	576.09	576.10	576.07	576.09	576.01						
11	20JUNE	74		575.89	575.92	575.94	575.93	575.94	576.05	576.03	576.08	576.11	576.10						
21	30JUNE	74	576.06	576.10	576.08	576.07	576.09	576.12	576.13	576.14	576.14	576.13	576.16		30 0700	576.29	12 1800 575.84		
1	10JULY	74		576.15	576.16	576.18	576.23	576.20	576.17	576.12	576.10	576.20	576.30						
11	20JULY	74		576.32	576.32	576.33	576.30	576.29	576.29	576.29	576.29	576.25	576.23						
21	31JULY	74	576.23	576.24	576.26	576.26	576.24	576.23	576.23	576.21	576.19	576.20	576.18	576.15	14 1906	576.70	14 1748 575.76		
1	10AUG	74		576.13	576.13	576.16	576.15	576.04	576.06	576.07	576.10	576.14	576.13						
11	20AUG	74		576.12	576.05	576.04	576.04	576.04	576.06	576.11	576.08	576.05	576.04						
21	31AUG	74	576.04	576.02	576.02	576.00	575.99	575.99	575.98	575.94	575.93	575.93	575.94	575.92	16 2100	576.33	31 2200 575.87		
1	10SEPT	74		575.87	575.85	575.86	575.89	575.89	575.87	575.86	575.85	575.82	575.80						
11	20SEPT	74		575.78	575.82	575.80	575.76	575.75	575.69	575.69	575.68	575.69	575.63						
21	30SEPT	74	575.72	575.64	575.60	575.64	575.66	575.57	575.54	575.50	575.51	575.52	575.52		3 1900	575.94	30 1400 575.38		
1	10OCT	74		575.46	575.31	575.27	575.32	575.26	575.22	575.16	575.22	575.17	575.16						
11	20OCT	74		575.15	575.12	575.13	575.16	575.10	575.13	575.07	575.07	575.06	575.04						
21	31OCT	74	575.10	575.10	575.05	574.98	574.98	574.96	574.98	574.95	574.92	574.91	574.92	574.92	1 2000	575.54	29 1217 574.76		
1	10NOV	74		574.92	574.92	574.93	574.98	575.03	575.02	575.02	575.00	574.98	574.97						
11	20NOV	74		575.02	574.94	574.96	575.00	574.96	574.83	574.75	574.69	574.70	574.74						
21	30NOV	74	574.87	574.66	574.79	574.82	574.80	574.78	574.84	574.89	574.83	574.76	574.74		11 1005	575.21	21 1320 574.41		
1	10DEC	74		574.83	574.98	575.02	575.06	575.00	574.95	574.89	574.88	574.84	574.88						
11	20DEC	74		574.84	574.85	574.86	574.88	574.92	574.90	574.85	574.82	574.86	574.81						
21	31DEC	74	574.88	574.83	574.89	574.86	574.84	574.87	574.89	574.84	574.85	574.84	574.82	574.85	4 2020	575.16	18 0050 574.63		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

ANNUAL SUMMARY OF LEVELS
ALGUNAC, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 576.11 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 576.60 JULY 1974
DAILY MEAN ELEVATION 576.83 20 MAY 1974
INSTANT/HOURLY ELEVATION 577.20 1940 14 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
576.65	13	JAN	1974
576.73	5	FEB	1974
576.50	10	MAR	1974
576.54	14	APR	1974
576.83	20	MAY	1974
576.68	30	JUNE	1974
576.68	4	JULY	1974
576.57	4	AUG	1974
576.23	4	SEPT	1974
575.90	1	OCT	1974
575.70	15	NOV	1974
575.58	3	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 575.41 DEC 1974
DAILY MEAN ELEVATION 575.25 30 NOV 1974
INSTANT/HOURLY ELEVATION 575.12 2055 30 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
575.76	22	JAN	1974
575.81	21	FEB	1974
575.87	2	MAR	1974
576.06	1	APR	1974
576.27	1	MAY	1974
576.45	6	JUNE	1974
576.52	31	JULY	1974
576.29	28	AUG	1974
575.86	28	SEPT	1974
575.43	29	OCT	1974
575.25	30	NOV	1974
575.28	1	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
577.00					4								0
576.80					6	6	17						4
576.60	1	3			12	24	14	18					37
576.40		3	3	4	9			13	5				115
576.20	5	5	7	23					17				182
576.00	8	10	15	3					8				235
575.80	13	7	6							5			274
575.60	4									14	2		294
575.40										12	24	17	347
575.20											4	14	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

DAILY WATER LEVELS
ALGONAC, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY	LOW TIME ELEV.
1	10JAN	74	575.90	575.85	575.83	575.85	575.82	575.82	575.87	575.91	576.04	576.10			
11	20JAN	74	576.17	576.26	576.65	576.24	576.35	576.22	576.01	575.76	575.80	575.77			
21	31JAN	74 576.00	575.77	575.76	575.89	575.94	575.95	575.90	576.22	576.07	576.11	576.12	576.17	27 0455	575.60
1	10FEB	74	576.01	575.96	576.07	576.40	576.73	576.64	576.61	576.47	576.37	576.22			
11	20FEB	74	576.24	576.13	576.08	576.04	576.05	576.03	575.99	575.87	575.88	575.89			
21	28FEB	74 576.17	575.81	576.01	576.09	576.20	576.55	576.36	576.04	575.92			5	1215	575.73
1	10MAR	74	575.90	575.87	575.93	575.98	576.18	576.26	576.26	576.34	576.48	576.50			
11	20MAR	74	576.45	576.30	576.33	576.29	576.20	576.16	576.17	576.14	576.06	576.06			
21	31MAR	74 576.15	576.08	576.16	576.09	576.13	576.08	576.04	575.98	575.99	576.05	576.08	576.08	10 0515	575.73
1	10APR	74	576.06	576.14	576.11	576.37	576.36	576.39	576.42	576.39	576.46	576.43			
11	20APR	74	576.35	576.32	576.32	576.54	576.35	576.31	576.32	576.30	576.28	576.31			
21	30APR	74 576.33	576.33	576.38	576.36	576.29	576.33	576.32	576.29	576.30	576.34	576.33	14	1940	575.82
1	10MAY	74	576.27	576.30	576.30	576.32	576.38	576.31	576.33	576.32	576.38	576.40			
11	20MAY	74	576.40	576.53	576.51	576.59	576.66	576.65	576.70	576.80	576.83	576.83			
21	31MAY	74 576.53	576.80	576.75	576.75	576.67	576.59	576.55	576.52	576.53	576.50	576.48	576.50	20 2000	576.07
1	10JUNE	74	576.51	576.46	576.45	576.45	576.45	576.45	576.47	576.46	576.49	576.64			
11	20JUNE	74	576.52	576.46	576.49	576.50	576.54	576.55	576.58	576.55	576.57	576.57			
21	30JUNE	74 576.54	576.58	576.56	576.53	576.56	576.58	576.62	576.61	576.62	576.62	576.68	30	0907	576.25
1	10JULY	74	576.64	576.67	576.68	576.68	576.62	576.64	576.63	576.63	576.63	576.61			
11	20JULY	74	576.60	576.62	576.62	576.61	576.59	576.61	576.61	576.64	576.57	576.54			
21	31JULY	74 576.60	576.57	576.56	576.57	576.57	576.56	576.55	576.55	576.54	576.57	576.55	576.52	2 1520	576.23
1	10AUG	74	576.50	576.46	576.53	576.57	576.40	576.40	576.41	576.43	576.46	576.43			
11	20AUG	74	576.45	576.42	576.43	576.41	576.40	576.42	576.45	576.40	576.37	576.36			
21	31AUG	74 576.39	576.34	576.32	576.33	576.33	576.32	576.33	576.32	576.29	576.30	576.31	576.32	4 1225	576.14
1	10SEPT	74	576.23	576.17	576.21	576.23	576.22	576.20	576.18	576.18	576.16	576.13			
11	20SEPT	74	576.13	576.18	576.15	576.13	576.16	576.05	576.08	576.02	576.06	575.98			
21	30SEPT	74 576.08	576.01	575.97	575.99	576.04	576.00	575.92	575.88	575.86	575.95	575.90	15	0930	575.79
1	10OCT	74	575.90	575.81	575.82	575.87	575.81	575.79	575.74	575.77	575.74	575.74			
11	20OCT	74	575.69	575.69	575.64	575.73	575.68	575.65	575.69	575.58	575.58	575.56			
21	31OCT	74 575.64	575.63	575.65	575.51	575.48	575.51	575.50	575.48	575.43	575.43	575.45	575.44	4 1300	575.32
1	10NOV	74	575.45	575.42	575.45	575.49	575.52	575.51	575.51	575.50	575.47	575.47			
11	20NOV	74	575.54	575.47	575.54	575.61	575.70	575.44	575.41	575.39	575.35	575.44			
21	30NOV	74 575.46	575.42	575.40	575.43	575.44	575.40	575.41	575.47	575.45	575.35	575.25	15	1040	575.12
1	10DEC	74	575.28	575.52	575.58	575.57	575.51	575.44	575.38	575.42	575.42	575.47			
11	20DEC	74	575.37	575.37	575.38	575.37	575.37	575.41	575.41	575.41	575.47	575.36			
21	31DEC	74 575.41	575.33	575.44	575.38	575.36	575.42	575.46	575.42	575.39	575.40	575.35	575.37	10 0808	575.14

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

ANNUAL SUMMARY OF LEVELS
ST CLAIR S.P. ST. CLAIR MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 577.60 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 578.16 JULY 1974
DAILY MEAN ELEVATION 578.25 5 JULY 1974
INSTANT/HOURLY ELEVATION 578.63 1500 2 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.90	13	JAN	1974
577.93	7	FEB	1974
577.86	10	MAR	1974
577.89	23	APR	1974
578.25	18	MAY	1974
578.18	25	JUNE	1974
578.25	5	JULY	1974
578.09	4	AUG	1974
577.89	1	SEPT	1974
577.61	1	OCT	1974
577.33	21	NOV	1974
577.29	3	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 576.93 DEC 1974
DAILY MEAN ELEVATION 576.72 16 DEC 1974
INSTANT/HOURLY ELEVATION 576.50 2000 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.05	20	JAN	1974
577.12	18	FEB	1974
577.22	3	MAR	1974
577.43	1	APR	1974
577.72	2	MAY	1974
577.89	6	JUNE	1974
578.08	26	JULY	1974
577.84	26	AUG	1974
577.40	27	SEPT	1974
576.96	28	OCT	1974
576.85	30	NOV	1974
576.72	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
578.40													0
578.20					2		7						9
578.00					12	19	24	14					78
577.80	2	3	1	11	13	9		17	5				139
577.60	1	6	8	15	4				16	1			190
577.40	8	10	16	4					9	4			241
577.20	17	7	6							17	1	2	291
577.00	3	2								6	18	3	323
576.80										3	11	24	361
576.60												2	363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

DAILY WATER LEVELS

ST CLAIR S.P. ST. CLAIR MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY	INSTANT/HOURLY TIME ELEV.	LOW DAY	INSTANT/HOURLY TIME ELEV.			
1	10JAN	74	577.33	577.33	577.29	577.29	577.22	577.23	577.27	577.32	577.34	577.41							
11	20JAN	74	577.46	577.57	577.90	577.72	577.82	577.51	577.33	577.06	577.22	577.05							
21	31JAN	74	577.37	577.07	577.23	577.28	577.33	577.32	577.23	577.48	577.48	577.42	577.36	577.54	31	1300	578.31	18 0500	576.84
1	10FEB	74	577.55	577.43	577.41	577.66	577.87	577.84	577.93	577.74	577.65	577.50							
11	20FEB	74	577.67	577.48	577.52	577.43	577.35	577.30	577.39	577.12	577.24	577.26							
21	28FEB	74	577.50	577.18	577.45	577.60	577.58	577.76	577.59	577.29	577.26			7	1300	578.05	18 1700	576.92	
1	10MAR	74	577.35	577.30	577.22	577.42	577.54	577.55	577.62	577.65	577.61	577.86							
11	20MAR	74	577.72	577.72	577.73	577.63	577.48	577.58	577.71	577.56	577.56	577.54							
21	31MAR	74	577.52	577.47	577.56	577.52	577.57	577.40	577.45	577.43	577.38	577.29	577.35	577.49	10	0600	578.28	3 1600	576.75
1	10APR	74	577.43	577.50	577.53	577.65	577.82	577.80	577.82	577.81	577.83	577.74							
11	20APR	74	577.66	577.54	577.64	577.77	577.82	577.77	577.73	577.81	577.75	577.70							
21	30APR	74	577.73	577.66	577.79	577.89	577.87	577.78	577.75	577.69	577.71	577.81	577.82		14	1900	578.18	1 2400	576.79
1	10MAY	74	577.83	577.72	577.79	577.84	577.82	577.86	577.88	577.77	577.87	577.86							
11	20MAY	74	577.75	577.89	577.99	577.94	578.06	578.06	578.13	578.25	578.22	578.18							
21	31MAY	74	577.97	578.13	578.12	578.13	578.11	578.06	578.03	578.00	577.94	578.00	577.98	577.96	16	2400	578.49	11 1600	577.13
1	10JUNE	74	578.03	577.98	577.98	577.93	577.93	577.89	577.90	577.92	577.95	578.04							
11	20JUNE	74	578.08	578.01	578.01	577.98	578.03	578.08	578.10	578.07	578.06	578.10							
21	30JUNE	74	578.04	578.11	578.15	578.13	578.17	578.18	578.15	578.14	578.10			22	0100	578.26	9 2400	577.76	
1	10JULY	74	578.12	578.18	578.18	578.17	578.25	578.19	578.20	578.17	578.20	578.24							
11	20JULY	74	578.19	578.21	578.15	578.17	578.24	578.17	578.12	578.14	578.20	578.13							
21	31JULY	74	578.16	578.16	578.12	578.12	578.14	578.11	578.08	578.11	578.11	578.16	578.14	578.12	2	1500	578.63	14 1200	577.39
1	10AUG	74	578.08	578.04	578.05	578.09	578.07	578.02	578.01	578.02	578.06	577.96							
11	20AUG	74	577.89	577.99	578.05	578.02	577.96	577.93	578.04	578.00	577.98	577.94							
21	31AUG	74	577.98	577.92	577.90	578.00	577.98	577.93	577.84	577.95	577.93	577.89	577.92	577.93	27	0300	578.30	26 1400	577.44
1	10SEPT	74	577.89	577.84	577.87	577.87	577.82	577.77	577.74	577.73	577.71	577.64							
11	20SEPT	74	577.59	577.73	577.76	577.73	577.76	577.64	577.69	577.58	577.60	577.62							
21	30SEPT	74	577.66	577.63	577.68	577.55	577.44	577.58	577.45	577.40	577.42	577.62	577.53		1	1600	578.00	26 0800	577.20
1	10OCT	74	577.61	577.51	577.45	577.35	577.31	577.32	577.45	577.32	577.34	577.36							
11	20OCT	74	577.22	577.35	577.19	577.24	577.37	577.22	577.43	577.28	577.28	577.26							
21	31OCT	74	577.26	577.22	577.28	577.17	577.06	577.22	577.12	577.11	576.96	576.98	576.97	577.03	1	1900	578.09	29 2100	576.80
1	10NOV	74	577.06	577.01	577.04	577.15	577.18	577.16	577.13	577.12	577.06	577.03							
11	20NOV	74	576.99	577.07	577.09	577.10	577.16	577.02	576.91	576.99	576.90	577.00							
21	30NOV	74	577.04	577.33	576.97	576.88	577.06	577.11	576.98	576.90	576.94	576.95	576.85		21	0800	577.62	23 0900	576.64
1	10DEC	74	576.88	577.28	577.29	577.09	577.02	576.86	576.83	576.99	577.04	576.98							
11	20DEC	74	576.87	576.90	576.94	576.90	576.72	576.72	576.90	576.95	576.96	576.89							
21	31DEC	74	576.93	576.88	576.93	576.81	576.92	576.93	576.88	576.96	576.86	576.91	576.90	576.86	2	2000	577.48	15 2000	576.50

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

110052

ANNUAL SUMMARY OF LEVELS
MARYSVILLE, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 578.38 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 579.01 JULY 1974
DAILY MEAN ELEVATION 579.13 15 JULY 1974
INSTANT/HOURLY ELEVATION 579.60 1447 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.40	13	JAN	1974
578.48	7	FEB	1974
578.53	10	MAR	1974
578.64	24	APR	1974
578.95	18	MAY	1974
579.02	24	JUNE	1974
579.13	15	JULY	1974
578.97	13	AUG	1974
578.78	1	SEPT	1974
578.51	1	OCT	1974
578.37	21	NOV	1974
578.32	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 577.74 DEC 1974
DAILY MEAN ELEVATION 577.40 16 DEC 1974
INSTANT/HOURLY ELEVATION 577.11 2129 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.70	18	JAN	1974
577.85	18	FEB	1974
577.82	3	MAR	1974
578.09	2	APR	1974
578.45	2	MAY	1974
578.63	7	JUNE	1974
578.92	2	JULY	1974
578.68	26	AUG	1974
578.19	24	SEPT	1974
577.76	28	OCT	1974
577.68	27	NOV	1974
577.40	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
579.20													0
579.00						3	18						21
578.80					12	18	13	23					87
578.60				2	14	9		8	9				129
578.40	1	3	4	19	5				16	2			179
578.20	4	11	16	5					4	6	1	1	227
578.00	17	10	8	4					1	16	4	1	288
577.80	6	4	3							5	18	5	329
577.60	3									2	7	22	363
577.40												2	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4084

DAILY WATER LEVELS
MARYSVILLE, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY	LOW TIME ELEV.
1	10JAN	74	578.08	578.08	578.05	578.05	577.96	577.98	578.02	578.07	578.04	578.09			
11	20JAN	74	578.13	578.24	578.40	578.19	578.37	578.10	578.00	577.70	577.92	577.73			
21	31JAN	74	578.05	577.72	577.99	577.98	578.03	578.01	577.93	578.09	578.21	578.08	578.02	578.24	31 1237 579.38 18 0428 577.31
1	10FEB	74	578.34	578.20	578.11	578.31	578.45	578.40	578.48	578.33	578.29	578.15			
11	20FEB	74	578.34	578.15	578.23	578.15	578.06	578.00	578.18	577.85	578.06	578.08			
21	28FEB	74	578.20	577.94	578.18	578.38	578.33	578.37	578.25	577.97	577.96		22 1945 578.89 18 1655 577.51		
1	10MAR	74	578.12	577.98	577.82	578.12	578.20	578.19	578.30	578.32	578.23	578.53			
11	20MAR	74	578.36	578.42	578.44	578.30	578.16	578.32	578.49	578.29	578.34	578.29			
21	31MAR	74	578.23	578.20	578.28	578.27	578.32	578.10	578.19	578.21	578.13	577.99	578.04	578.23 10 0555 579.08 3 1540 577.19	
1	10APR	74	578.14	578.09	578.21	578.17	578.50	578.47	578.50	578.50	578.52	578.42			
11	20APR	74	578.32	578.13	578.28	578.42	578.55	578.50	578.47	578.57	578.48	578.39			
21	30APR	74	578.42	578.34	578.51	578.63	578.64	578.52	578.51	578.40	578.41	578.54	578.54	15 0105 578.84 1 2330 577.45	
1	10MAY	74	578.60	578.45	578.55	578.61	578.55	578.66	578.67	578.54	578.63	578.61			
11	20MAY	74	578.46	578.60	578.74	578.61	578.75	578.81	578.82	578.95	578.92	578.88			
21	31MAY	74	578.72	578.81	578.84	578.86	578.87	578.85	578.82	578.80	578.73	578.78	578.76	578.69 17 0237 579.22 11 1530 577.68	
1	10JUNE	74	578.81	578.77	578.76	578.69	578.71	578.65	578.63	578.66	578.73	578.77			
11	20JUNE	74	578.90	578.86	578.85	578.82	578.83	578.89	578.88	578.88	578.87	578.90			
21	30JUNE	74	578.85	578.93	579.00	578.99	579.02	579.00	578.97	578.94	578.93	578.90	578.96	30 0540 579.53 30 0708 578.25	
1	10JULY	74	578.94	578.92	578.99	578.99	579.09	579.02	579.04	579.01	579.04	579.11			
11	20JULY	74	579.07	579.06	579.00	579.02	579.13	579.05	578.98	578.97	579.09	579.02			
21	31JULY	74	579.01	579.03	578.98	578.98	579.00	578.96	578.93	578.96	578.98	578.99	579.00	579.00 14 1447 579.60 14 1152 578.07	
1	10AUG	74	578.94	578.90	578.87	578.92	578.95	578.88	578.89	578.90	578.92	578.80			
11	20AUG	74	578.68	578.84	578.97	578.91	578.82	578.79	578.89	578.87	578.85	578.81			
21	31AUG	74	578.84	578.79	578.74	578.89	578.87	578.79	578.68	578.85	578.82	578.75	578.77	578.80 23 1450 579.25 26 1350 578.21	
1	10SEPT	74	578.78	578.71	578.73	578.73	578.66	578.61	578.56	578.53	578.53	578.46			
11	20SEPT	74	578.42	578.58	578.61	578.60	578.62	578.51	578.58	578.43	578.44	578.50			
21	30SEPT	74	578.51	578.47	578.57	578.40	578.19	578.42	578.27	578.22	578.26	578.48	578.38	19 2215 578.96 24 2100 577.89	
1	10OCT	74	578.51	578.43	578.31	578.13	578.10	578.16	578.38	578.15	578.18	578.24			
11	20OCT	74	578.05	578.26	578.01	578.02	578.22	578.04	578.35	578.16	578.15	578.15			
21	31OCT	74	578.10	578.01	578.10	578.03	577.86	578.11	577.96	577.95	577.76	577.82	577.79	577.86 1 1835 579.17 28 0705 577.57	
1	10NOV	74	577.90	577.88	577.93	578.06	578.08	578.04	577.98	577.98	577.91	577.88			
11	20NOV	74	577.76	577.94	577.92	577.92	577.93	577.92	577.79	577.87	577.75	577.86			
21	30NOV	74	577.90	578.37	577.85	577.70	577.97	578.07	577.87	577.68	577.77	577.83	577.72	21 0800 578.70 27 0600 577.50	
1	10DEC	74	577.64	578.32	578.18	577.92	577.80	577.60	577.60	577.82	577.91	577.82			
11	20DEC	74	577.68	577.74	577.75	577.72	577.44	577.40	577.68	577.76	577.76	577.72			
21	31DEC	74	577.74	577.74	577.72	577.60	577.75	577.74	577.65	577.77	577.65	577.72	577.73	577.65 2 1928 578.50 15 2129 577.11	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4084

110054

ANNUAL SUMMARY OF LEVELS
 DRY DOCK, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 578.88 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 579.53 JULY 1974
 DAILY MEAN ELEVATION 579.68 15 JULY 1974
 INSTANT/HOURLY ELEVATION 580.23 1500 14 JULY 1974

LOWEST

MONTHLY MEAN ELEVATION 578.25 DEC 1974
 DAILY MEAN ELEVATION 577.83 16 DEC 1974
 INSTANT/HOURLY ELEVATION 577.52 2100 15 DEC 1974

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.76	13	JAN	1974
578.90	23	FEB	1974
579.04	10	MAR	1974
579.20	24	APR	1974
579.45	18	MAY	1974
579.58	24	JUNE	1974
579.68	15	JULY	1974
579.51	13	AUG	1974
579.35	1	SEPT	1974
579.09	1	OCT	1974
578.96	21	NOV	1974
578.79	2	DEC	1974

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.14	18	JAN	1974
578.20	18	FEB	1974
578.26	3	MAR	1974
578.52	2	APR	1974
578.92	11	MAY	1974
579.07	7	JUNE	1974
579.40	2	JULY	1974
579.13	11	AUG	1974
578.66	24	SEPT	1974
578.28	28	OCT	1974
578.14	27	NOV	1974
577.83	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
579.80													0
579.60							5						5
579.40					1	17	26	13					62
579.20				1	19	8		16	5				111
579.00			2	12	9	5		2	14	1			156
578.80		7	6	9	2				7	6	1		194
578.60	8	11	18	5					4	10	1	2	253
578.40	19	9	4	3						9	12	2	311
578.20	2	1	1							5	14	17	351
578.00											2	8	363
577.80												2	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4087

DAILY WATER LEVELS

DRY DOCK, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10JAN	74		578.60	578.60	578.56	578.56	578.47	578.49	578.51	578.60	578.51	578.56						
11	20JAN	74		578.59	578.71	578.76	578.50	578.74	578.50	578.47	578.14	578.40	578.21						
21	31JAN	74	578.51	578.18	578.50	578.46	578.49	578.46	578.38	578.52	578.71	578.54	578.46	578.75	31	1200	580.00	18 0400	577.71
1	10FEB	74		578.86	578.73	578.60	578.77	578.84	578.82	578.87	578.74	578.71	578.55						
11	20FEB	74		578.78	578.58	578.72	578.65	578.51	578.43	578.62	578.20	578.44	578.50						
21	28FEB	74	578.64	578.41	578.64	578.90	578.81	578.80	578.69	578.40	578.41			22	2000	579.41	18 1700	577.80	
1	10MAR	74		578.63	578.44	578.26	578.60	578.67	578.63	578.77	578.76	578.70	579.04						
11	20MAR	74		578.82	578.93	578.94	578.77	578.62	578.82	579.03	578.79	578.85	578.76						
21	31MAR	74	578.71	578.68	578.72	578.74	578.81	578.55	578.68	578.70	578.60	578.43	578.48	578.72	10	0600	579.61	3 1600	577.72
1	10APR	74		578.63	578.52	578.67	578.55	578.99	578.95	579.00	579.01	579.00	578.89						
11	20APR	74		578.76	578.54	578.72	578.88	579.06	579.02	578.96	579.10	579.00	578.89						
21	30APR	74	578.90	578.79	578.99	579.15	579.20	579.03	579.02	578.88	578.88	579.06	579.04		24	0600	579.44	2 0100	578.00
1	10MAY	74		579.13	578.92	579.05	579.12	579.03	579.20	579.20	579.04	579.14	579.09						
11	20MAY	74		578.92	579.08	579.24	579.04	579.24	579.30	579.30	579.45	579.39	579.33						
21	31MAY	74	579.21	579.27	579.32	579.34	579.36	579.36	579.32	579.29	579.20	579.30	579.29	579.24	19	0500	579.59	11 1500	578.22
1	10JUNE	74		579.32	579.26	579.25	579.18	579.19	579.11	579.07	579.13	579.22	579.24						
11	20JUNE	74		579.45	579.38	579.40	579.36	579.36	579.42	579.40	579.40	579.40	579.43						
21	30JUNE	74	579.37	579.48	579.56	579.56	579.58	579.54	579.51	579.48	579.48	579.44	579.46		30	1400	579.73	30 0700	578.55
1	10JULY	74		579.47	579.40	579.49	579.49	579.64	579.55	579.56	579.52	579.56	579.65						
11	20JULY	74		579.60	579.56	579.50	579.54	579.68	579.57	579.49	579.48	579.62	579.56						
21	31JULY	74	579.53	579.55	579.50	579.52	579.53	579.48	579.44	579.46	579.50	579.50	579.52	579.53	14	1500	580.23	14 1200	578.60
1	10AUG	74		579.48	579.42	579.37	579.43	579.48	579.41	579.40	579.41	579.42	579.30						
11	20AUG	74		579.13	579.35	579.51	579.44	579.35	579.29	579.42	579.39	579.36	579.30						
21	31AUG	74	579.36	579.29	579.24	579.42	579.41	579.32	579.19	579.37	579.33	579.26	579.29	579.31	23	1500	579.73	26 1300	578.83
1	10SEPT	74		579.35	579.26	579.30	579.28	579.20	579.15	579.08	579.04	579.04	578.97						
11	20SEPT	74		578.92	579.10	579.13	579.14	579.14	579.05	579.14	578.96	578.94	579.05						
21	30SEPT	74	579.04	579.03	579.14	578.93	578.66	578.95	578.75	578.75	578.78	579.04	578.96		17	2300	579.55	26 1000	578.38
1	10OCT	74		579.09	578.99	578.84	578.60	578.58	578.63	578.93	578.65	578.70	578.77						
11	20OCT	74		578.54	578.82	578.53	578.49	578.82	578.55	578.92	578.71	578.72	578.72						
21	31OCT	74	578.63	578.51	578.62	578.58	578.38	578.67	578.50	578.48	578.28	578.33	578.30	578.37	1	1800	579.77	28 0500	578.07
1	10NOV	74		578.42	578.39	578.45	578.56	578.58	578.56	578.49	578.50	578.41	578.38						
11	20NOV	74		578.21	578.45	578.41	578.39	578.38	578.38	578.26	578.40	578.27	578.38						
21	30NOV	74	578.41	578.96	578.39	578.16	578.48	578.62	578.37	578.14	578.28	578.38	578.27		21	1200	579.42	27 0600	577.92
1	10DEC	74		578.35	578.79	578.74	578.43	578.30	578.09	578.11	578.35	578.46	578.34						
11	20DEC	74		578.19	578.25	578.28	578.24	577.89	577.83	578.17	578.29	578.27	578.23						
21	31DEC	74	578.25	578.24	578.23	578.06	578.29	578.25	578.14	578.28	578.14	578.24	578.25	578.17	2	1200	579.10	15 2100	577.52

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4087

ANNUAL SUMMARY OF LEVELS
MOUTH OF BLACK RIVER, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 579.27 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.09 JULY 1974
DAILY MEAN ELEVATION 580.31 5 JULY 1974
INSTANT/HOURLY ELEVATION 580.83 1459 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.06	31	JAN	1974
579.19	23	FEB	1974
579.42	17	MAR	1974
579.55	24	APR	1974
579.83	18	MAY	1974
580.12	24	JUNE	1974
580.31	5	JULY	1974
580.29	2	AUG	1974
579.75	1	SEPT	1974
579.50	1	OCT	1974
579.43	21	NOV	1974
579.21	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 578.62 DEC 1974
DAILY MEAN ELEVATION 578.13 16 DEC 1974
INSTANT/HOURLY ELEVATION 577.78 2102 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.36	18	JAN	1974
578.46	18	FEB	1974
578.57	3	MAR	1974
578.83	12	APR	1974
579.20	11	MAY	1974
579.47	7	JUNE	1974
579.93	26	JULY	1974
579.50	11	AUG	1974
579.03	24	SEPT	1974
578.68	28	OCT	1974
578.52	27	NOV	1974
578.13	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
580.40							7	2					0
580.20						7	17	1					9
580.00						10	7	11					34
579.80					1	16		16	5				63
579.60					16	9		14	2	1			109
579.40			2	5	11	4		7	5		1		149
579.20			3	15	3			4	10		1		183
579.00	3	11	16	6					11	14	1		235
578.80	15	8	7	4					3	11	15		295
578.60	10	8	2							3	11		344
578.40	2	1	1								1		362
578.20	1										1		364
578.00											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

DAILY WATER LEVELS

MOUTH OF BLACK RIVER, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW ELEV.
1	10JAN	74	578.94	578.95	578.89	578.88	578.77	578.80	578.81	578.91	578.83	578.82			
11	20JAN	74	578.88	579.01	578.96	578.70	578.94	578.76	578.76	578.36	578.65	578.46			
21	31JAN	74 578.80	578.45	578.81	578.79	578.84	578.76	578.67	578.78	579.02	578.84	578.74	579.06	31 1152 580.40	18 0355 577.93
1	10FEB	74	579.19	579.03	578.86	579.01	579.04	579.02	579.06	578.95	578.94	578.78			
11	20FEB	74	579.02	578.83	579.01	578.91	578.76	578.67	578.89	578.46	578.70	578.77			
21	28FEB	74 578.90	578.69	578.92	579.19	579.10	579.04	578.93	578.66	578.69			22 1840	579.88 18 1650	578.06
1	10MAR	74	578.96	578.78	578.57	578.95	579.02	578.96	579.15	579.12	579.01	579.40			
11	20MAR	74	579.16	579.30	579.29	579.10	578.95	579.18	579.42	579.13	579.23	579.13			
21	31MAR	74 579.05	579.03	579.06	579.09	579.15	578.85	579.02	579.04	578.95	578.76	578.81	579.10	10 0550 580.07	3 1540 577.87
1	10APR	74	578.97	578.84	579.03	578.87	579.37	579.32	579.36	579.36	579.35	579.21			
11	20APR	74	579.11	578.83	579.06	579.12	579.34	579.34	579.32	579.42	579.30	579.18			
21	30APR	74 579.25	579.12	579.33	579.51	579.55	579.36	579.39	579.30	579.32	579.46	579.45	23 1322	579.82 1 2320	578.07
1	10MAY	74	579.52	579.29	579.41	579.51	579.38	579.59	579.58	579.41	579.52	579.46			
11	20MAY	74	579.20	579.43	579.62	579.40	579.62	579.71	579.66	579.83	579.79	579.71			
21	31MAY	74 579.59	579.65	579.71	579.75	579.77	579.76	579.73	579.67	579.56	579.67	579.69	579.63	17 0215 580.19	11 2105 578.29
1	10JUNE	74	579.70	579.66	579.65	579.57	579.60	579.50	579.47	579.53	579.62	579.62			
11	20JUNE	74	579.86	579.81	579.79	579.75	579.76	579.84	579.92	579.92	579.91	579.96			
21	30JUNE	74 579.83	580.03	580.11	580.10	580.12	580.08	580.03	579.98	579.95	579.94	580.03	22 0050	580.26 8 0500	579.31
1	10JULY	74	580.04	580.03	580.15	580.31	580.31	580.21	580.23	580.17	580.17	580.27			
11	20JULY	74	580.20	580.15	580.11	580.06	580.23	580.07	579.98	579.96	580.12	580.05			
21	31JULY	74 580.09	580.04	579.98	580.02	580.02	579.96	579.93	579.96	580.01	580.02	580.00	579.97	14 1459 580.83	14 1143 579.00
1	10AUG	74	580.28	580.29	580.02	579.80	579.88	579.80	579.81	579.81	579.83	579.68			
11	20AUG	74	579.50	579.75	579.90	579.85	579.74	579.66	579.81	579.78	579.75	579.70			
21	31AUG	74 579.79	579.70	579.63	579.82	579.83	579.71	579.61	579.79	579.74	579.66	579.71	579.72	1 0135 580.52	26 1330 579.00
1	10SEPT	74	579.75	579.67	579.72	579.69	579.60	579.54	579.48	579.45	579.44	579.36			
11	20SEPT	74	579.31	579.49	579.54	579.53	579.54	579.45	579.55	579.37	579.34	579.49			
21	30SEPT	74 579.44	579.43	579.58	579.32	579.03	579.34	579.15	579.14	579.17	579.44	579.38	19 2207	580.05 24 2055	578.76
1	10OCT	74	579.50	579.42	579.24	578.96	578.96	579.04	579.35	579.06	579.11	579.17			
11	20OCT	74	578.94	579.23	578.92	578.87	579.24	578.93	579.35	579.15	579.14	579.15			
21	31OCT	74 579.05	578.93	579.02	579.01	578.81	579.11	578.93	578.91	578.68	578.78	578.72	578.82	1 1820 580.29	28 0545 578.53
1	10NOV	74	578.84	578.78	578.85	578.98	578.99	578.96	578.90	578.89	578.81	578.78			
11	20NOV	74	578.57	578.88	578.81	578.78	578.76	578.79	578.63	578.82	578.69	578.80			
21	30NOV	74 578.82	579.43	578.77	578.54	578.91	579.08	578.79	578.52	578.67	578.81	578.67	21 1317	579.91 11 1000	578.20
1	10DEC	74	578.75	579.21	579.17	578.78	578.67	578.43	578.46	578.72	578.84	578.71			
11	20DEC	74	578.55	578.61	578.67	578.61	578.22	578.13	578.52	578.65	578.63	578.59			
21	31DEC	74 578.62	578.61	578.57	578.43	578.65	578.61	578.48	578.67	578.49	578.59	578.62	578.53	2 1909 579.54	15 2102 577.78

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

110053

ANNUAL SUMMARY OF LEVELS
DUNN PAPER, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 579.74 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.43 JULY 1974
DAILY MEAN ELEVATION 580.62 15 JULY 1974
INSTANT/HOURLY ELEVATION 581.36 1445 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.49	31	JAN	1974
579.72	1	FEB	1974
579.89	17	MAR	1974
580.06	24	APR	1974
580.26	18	MAY	1974
580.53	24	JUNE	1974
580.62	15	JULY	1974
580.47	13	AUG	1974
580.30	1	SEPT	1974
579.87	7	OCT	1974
579.99	21	NOV	1974
579.75	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.11 DEC 1974
DAILY MEAN ELEVATION 578.55 16 DEC 1974
INSTANT/HOURLY ELEVATION 578.03 2200 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.90	21	JAN	1974
578.94	18	FEB	1974
578.96	3	MAR	1974
579.23	4	APR	1974
579.65	11	MAY	1974
579.90	7	JUNE	1974
580.22	2	JULY	1974
580.02	11	AUG	1974
579.82	11	SEPT	1974
579.41	13	OCT	1974
578.99	27	NOV	1974
578.55	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
580.80													0
580.60							1						1
580.40						5	21	3					30
580.20					2	13	9	25	4				83
580.00				1	19	9		3	12				127
579.80			1	9	8	3			4	2	1		155
579.60		3	7	11	2					4	1	2	185
579.40	3	13	16	6						5	8		236
579.20	10	7	6	3							13	6	281
579.00	5	4									5	16	311
578.80	4	1	1								1	5	323
578.60												1	324
578.40												1	325

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

DAILY WATER LEVELS

DUNN PAPER, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10JAN	74										579.33				
11	20JAN	74	579.35	579.44	579.34	578.99	579.32	579.05	579.05	578.91	579.23	578.93				
21	31JAN	74	579.21	578.90	579.30	579.26	579.27	579.23	579.16	579.17	579.49	579.30	579.10	579.49	31 1300	578.12
1	10FEB	74														
11	20FEB	74	579.72	579.55	579.36	579.49	579.49	579.46	579.50	579.40	579.41	579.18				
21	28FEB	74	579.47	579.26	579.49	579.44	579.26	579.14	579.42	578.94	579.20	579.31				
			579.38	579.22	579.43	579.68	579.60	579.48	579.39	579.11	579.17			22 1933	580.50	578.48
1	10MAR	74														
11	20MAR	74	579.44	579.23	578.96	579.40	579.41	579.32	579.55	579.50	579.29	579.77				
21	31MAR	74	579.58	579.72	579.74	579.56	579.40	579.61	579.89	579.60	579.68	579.59				
			579.49	579.46	579.52	579.53	579.63	579.30	579.48	579.51	579.42	579.20	579.25	579.57	10 0630	578.12
1	10APR	74														
11	20APR	74	579.46	579.34	579.46	579.23	579.77	579.71	579.78	579.79	579.78	579.66				
21	30APR	74	579.54	579.27	579.48	579.57	579.89	579.84	579.79	579.94	579.82	579.67				
			579.70	579.57	579.78	579.99	580.06	579.84	579.84	579.70	579.70	579.87	579.88		18 0946	578.36
1	10MAY	74														
11	20MAY	74	580.01	579.75	579.89	579.99	579.85	580.11	580.09	579.88	580.01	579.93				
21	31MAY	74	579.65	579.86	580.08	579.85	580.05	580.04	580.09	580.26	580.19	580.11				
			580.03	580.07	580.12	580.16	580.19	580.20	580.16	580.11	579.98	580.12	580.11	580.05	3 1300	578.59
1	10JUNE	74														
11	20JUNE	74	580.18	580.14	580.12	580.02	580.05	579.93	579.90	579.99	580.07	580.02				
21	30JUNE	74	580.33	580.28	580.29	580.19	580.19	580.32	580.26	580.28	580.28	580.32				
			580.24	580.36	580.48	580.50	580.53	580.48	580.44	580.39	580.37	580.33	580.36		30 0520	579.17
1	10JULY	74														
11	20JULY	74	580.35	580.22	580.35	580.39	580.57	580.47	580.47	580.41	580.46	580.56				
21	31JULY	74	580.45	580.44	580.40	580.45	580.62	580.49	580.37	580.34	580.57	580.48				
			580.43	580.46	580.43	580.42	580.44	580.39	580.34	580.38	580.42	580.42	580.44	580.46	14 1445	579.14
1	10AUG	74														
11	20AUG	74	580.38	580.32	580.22	580.28	580.40	580.32	580.31	580.30	580.33	580.22				
21	31AUG	74	580.02	580.30	580.47	580.40	580.29	580.20	580.37	580.33	580.29	580.24				
			580.28	580.22	580.15	580.35	580.36	580.25	580.06	580.31	580.31	580.20	580.25	580.29	27 0315	579.46
1	10SEPT	74														
11	20SEPT	74	580.30	580.23	580.25	580.22	580.13	580.06	580.02	579.95	580.00	579.88				
21	30SEPT	74	579.82	580.03	580.07	580.08	580.05	580.02	580.07	580.02	579.99	580.08				
			580.06												19 2300	579.55
1	10OCT	74														
11	20OCT	74														
21	31OCT	74	579.45	579.70	579.41	579.42	579.76	579.42	579.86	579.87	579.55	579.63	579.69			
			579.61												17 1100	579.15
1	10NOV	74														
11	20NOV	74	579.43	579.24	579.50	579.51	579.49	579.43	579.43	579.33	579.30					
21	30NOV	74	579.08	579.41	579.32	579.25	579.22	579.29	579.14	579.36	579.21	579.32				
			579.33	579.99	579.29	579.07	579.42	579.61	579.31	578.99	579.17	579.31	579.16		21 1300	578.68
1	10DEC	74														
11	20DEC	74	579.22	579.75	579.68	579.29	579.16	578.93	578.97	579.25	579.36	579.21				
21	31DEC	74	579.03	579.12	579.19	579.11	578.63	578.55	578.94	579.10	579.05	579.05				
			579.11	579.10	579.02	578.88	579.15	579.14	578.98	579.21	579.03	579.12	579.17	579.09	2 1800	578.03

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

110060

ANNUAL SUMMARY OF LEVELS
FORT GRATIOT, PORT HURON, MI. ON ST. CLAIR RIVER

YEARLY MEAN ELEVATION 580.18 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.92 JULY 1974
DAILY MEAN ELEVATION 581.18 15 JULY 1974
INSTANT/HOURLY ELEVATION 581.72 1200 31 JAN 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.95	31	JAN	1974
580.20	1	FEB	1974
580.43	17	MAR	1974
580.61	24	APR	1974
580.69	25	MAY	1974
581.07	24	JUNE	1974
581.18	15	JULY	1974
580.92	13	AUG	1974
580.76	1	SEPT	1974
580.58	1	OCT	1974
580.59	21	NOV	1974
580.30	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.57 DEC 1974
DAILY MEAN ELEVATION 578.96 16 DEC 1974
INSTANT/HOURLY ELEVATION 578.50 1600 3 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.27	14	JAN	1974
579.33	18	FEB	1974
579.27	3	MAR	1974
579.57	4	APR	1974
580.08	11	MAY	1974
580.32	7	JUNE	1974
580.68	2	JULY	1974
580.37	11	AUG	1974
579.89	24	SEPT	1974
579.60	28	OCT	1974
579.42	27	NOV	1974
578.96	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.20													0
581.00						4	6						10
580.80						10	21	11					52
580.60				1	10	7	4	16	5				95
580.40			1	2	13	7		3	13	3	1		138
580.20		1	3	13	6	2		1	8	4		2	178
580.00		3	7	6	2				3	6	3		208
579.80	9	12	11	5					1	12	6	1	265
579.60	15	7	8	2						6	15	10	328
579.40	3	4		1							5	12	353
579.20	4	1	1									4	363
579.00												1	364
578.80												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

FRESH WATER LEVELS
FORT GRATIOT, PORT HURON, MI. ON ST. CLAIR RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW ELEV.
1	10JAN	74	579.88	579.89	579.85	579.82	579.70	579.74	579.75	579.87	579.75	579.72			
11	20JAN	74	579.80	579.91	579.64	579.27	579.65	579.64	579.65	579.29	579.66	579.33			
21	31JAN	74	579.67	579.29	579.75	579.66	579.67	579.61	579.54	579.53	579.90	579.64	579.50	579.95	31 1200 581.72 27 0600 578.57
1	10FEB	74	580.20	580.04	579.80	579.94	579.88	579.87	579.88	579.79	579.81	579.58			
11	20FEB	74	579.87	579.67	579.98	579.91	579.68	579.57	579.89	579.33	579.69	579.76			
21	28FEB	74	579.80	579.68	579.91	580.14	580.04	579.85	579.76	579.45	579.55		22 1900 580.93 18 1700 578.81		
1	10MAR	74	579.91	579.60	579.27	579.76	579.74	579.67	579.96	579.86	579.74	580.24			
11	20MAR	74	579.97	580.22	580.24	579.98	579.80	580.11	580.43	580.04	580.19	580.06			
21	31MAR	74	579.92	579.90	579.93	580.00	580.08	579.66	579.93	579.98	579.86	579.62	579.66	580.01	10 0400 580.81 3 1600 578.50
1	10APR	74	579.93	579.70	579.86	579.57	580.20	580.13	580.22	580.27	580.23	580.08			
11	20APR	74	579.93	579.60	579.87	579.98	580.34	580.30	580.23	580.43	580.31	580.15			
21	30APR	74	580.14	580.10	580.23	580.56	580.61	580.27	580.28	580.16	580.14	580.32	580.33	24 0700 581.15 4 0500 578.85	
1	10MAY	74	580.51	580.19	580.36	580.47	580.31	580.62	580.57	580.35	580.49	580.38			
11	20MAY	74	580.08	580.26	580.53	580.24	580.48	580.45	580.46	580.69	580.63	580.50			
21	31MAY	74	580.48	580.48	580.57	580.61	580.66	580.69	580.64	580.60	580.44	580.61	580.63	580.54	3 1300 581.07 11 2100 578.90
1	10JUNE	74	580.67	580.59	580.57	580.46	580.52	580.39	580.32	580.42	580.52	580.47			
11	20JUNE	74	580.84	580.80	580.75	580.69	580.69	580.81	580.75	580.79	580.76	580.82			
21	30JUNE	74	580.73	580.89	581.03	581.07	581.07	581.02	580.93	580.90	580.86	580.80	580.83	30 0500 581.52 30 0700 579.77	
1	10JULY	74	580.83	580.68	580.76	580.89	581.07	580.97	580.96	580.89	580.94	581.13			
11	20JULY	74	581.04	580.94	580.87	580.94	581.18	580.98	580.85	580.78	581.07	581.00			
21	31JULY	74	580.92	580.97	580.90	580.91	580.91	580.84	580.78	580.85	580.88	580.91	580.93	580.93	14 1500 581.68 2 1300 579.40
1	10AUG	74	580.84	580.80	580.66	580.74	580.89	580.79	580.81	580.80	580.80	580.61			
11	20AUG	74	580.37	580.70	580.92	580.82	580.72	580.59	580.80	580.75	580.71	580.64			
21	31AUG	74	580.72	580.62	580.57	580.81	580.84	580.68	580.55	580.75	580.60	580.66	580.73	23 1400 581.33 26 1300 580.09	
1	10SEPT	74	580.76	580.67	580.71	580.67	580.57	580.50	580.44	580.35	580.42	580.28			
11	20SEPT	74	580.20	580.42	580.52	580.50	580.48	580.42	580.53	580.32	580.29	580.50			
21	30SEPT	74	580.41	580.46	580.62	580.30	579.89	580.28	580.07	580.06	580.15	580.47	580.38	19 2200 581.28 26 1000 579.64	
1	10OCT	74	580.58	580.48	580.24	579.85	579.85	579.93	580.40	579.99	580.08	580.17			
11	20OCT	74	579.85	580.26	579.87	579.76	580.26	579.88	580.38	580.15	580.14	580.17			
21	31OCT	74	580.01	579.83	579.95	579.99	579.69	580.12	579.89	579.88	579.60	579.70	579.61	579.72	1 1800 581.69 6 2400 579.32
1	10NOV	74	579.79	579.77	579.82	580.00	580.00	579.96	579.85	579.86	579.77	579.74			
11	20NOV	74	579.45	579.84	579.72	579.68	579.59	579.75	579.57	579.79	579.63	579.73			
21	30NOV	74	579.78	580.59	579.78	579.44	579.89	580.15	579.77	579.42	579.60	579.79	579.67	21 1300 581.19 11 1300 578.98	
1	10DEC	74	579.76	580.30	580.22	579.75	579.61	579.34	579.36	579.70	579.87	579.66			
11	20DEC	74	579.47	579.56	579.64	579.58	579.08	578.96	579.44	579.62	579.56	579.55			
21	31DEC	74	579.57	579.62	579.51	579.31	579.64	579.55	579.36	579.60	579.41	579.53	579.59	579.49	2 1900 580.70 15 2100 578.54

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

ANNUAL SUMMARY OF LEVELS
LAKESPORT, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.30 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.04 JULY 1974
DAILY MEAN ELEVATION 581.25 15 JULY 1974
INSTANT/HOURLY ELEVATION 581.93 1500 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.02	2	JAN	1974
580.34	1	FEB	1974
580.47	17	MAR	1974
580.65	24	APR	1974
580.82	25	MAY	1974
581.17	24	JUNE	1974
581.25	15	JULY	1974
581.02	5	AUG	1974
580.88	1	SEPT	1974
580.66	1	OCT	1974
580.60	21	NOV	1974
580.33	2	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.69 DEC 1974
DAILY MEAN ELEVATION 579.08 16 DEC 1974
INSTANT/HOURLY ELEVATION 578.63 2100 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.39	21	JAN	1974
579.52	18	FEB	1974
579.49	3	MAR	1974
579.69	4	APR	1974
580.23	11	MAY	1974
580.45	7	JUNE	1974
580.89	2	JULY	1974
580.52	11	AUG	1974
580.03	24	SEPT	1974
579.72	28	OCT	1974
579.57	27	NOV	1974
579.08	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20							3						3
581.00						6	19	2					30
580.80					1	14	9	19	4				77
580.60				1	18	6		9	7	1			120
580.40			1	9	8	4		1	14	4			161
580.20		2	4	10	4				3	7	1	2	194
580.00	2	10	15	5					2	11	4		243
579.80	16	11	7	2						6	17	4	306
579.60	9	4	3	3						2	5	17	349
579.40	3	1	1								2	6	362
579.20	1											1	364
579.00												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

DAILY WATER LEVELS
LAKEPORT, MI. ON LAKE HURON

MONTHLY MEANS													HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

ANNUAL SUMMARY OF LEVELS
HARBOR BEACH, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.28 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.04 JULY 1974
DAILY MEAN ELEVATION 581.22 5 JULY 1974
INSTANT/HOURLY ELEVATION 581.69 2400 3 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.02	31	JAN	1974
580.27	1	FEB	1974
580.30	17	MAR	1974
580.50	23	APR	1974
580.79	25	MAY	1974
581.09	22	JUNE	1974
581.22	5	JULY	1974
581.06	5	AUG	1974
580.85	1	SEPT	1974
580.52	1	OCT	1974
580.35	21	NOV	1974
580.04	3	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.68 DEC 1974
DAILY MEAN ELEVATION 579.17 16 DEC 1974
INSTANT/HOURLY ELEVATION 578.84 2400 15 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.41	18	JAN	1974
579.63	18	FEB	1974
579.59	3	MAR	1974
579.66	4	APR	1974
580.27	11	MAY	1974
580.48	7	JUNE	1974
580.87	26	JULY	1974
580.54	11	AUG	1974
580.16	24	SEPT	1974
579.75	28	OCT	1974
579.62	27	NOV	1974
579.17	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20							1						1
581.00						6	20	2					29
580.80						14	10	17	1				71
580.60					15	7		11	7				111
580.40				4	13	3		1	18	3			153
580.20		1	1	10	3				3	5	1		177
580.00	2	4	14	11					1	16	4	1	230
579.80	16	16	11	2						5	18	3	301
579.60	9	7	4	3						2	7	21	354
579.40	4		1									4	363
579.20												1	364
579.00												1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5014

DAILY WATER LEVELS
HARBOR BEACH, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.																
1	10JAN	74		579.95	580.00	579.91	579.94	579.86	579.87	579.91	579.98	579.75	579.80																
11	20JAN	74		579.83	579.90	579.77	579.56	579.88	579.77	579.76	579.41	579.73	579.52																
21	31JAN	74	579.80	579.43	579.84	579.76	579.85	579.78	579.72	579.80	579.98	579.83	579.76	580.02	31	1300	580.54	18	1200	579.18									
1	10FEB	74		580.27	580.05	579.88	579.93	579.91	579.92	579.92	579.88	579.91	579.78																
11	20FEB	74		580.00	579.81	579.94	579.95	579.80	579.73	579.97	579.63	579.78	579.90																
21	28FEB	74	579.90	579.78	579.96	580.08	580.03	579.93	579.90	579.73	579.78											1	0200	580.52	18	1800	579.29		
1	10MAR	74		579.95	579.74	579.59	579.86	579.87	579.86	579.99	579.98	579.78	580.13																
11	20MAR	74		579.98	580.02	580.07	580.02	579.89	580.05	580.30	580.15	580.16	580.06																
21	31MAR	74	579.96	579.92	580.08	580.02	580.12	579.95	580.01	580.04	579.94	579.67	579.72	580.03	17	2300	580.51	9	0600	579.21									
1	10APR	74		579.94	579.79	579.92	579.66	580.19	580.13	580.17	580.17	580.14	580.13																
11	20APR	74		580.00	579.78	580.01	580.09	580.38	580.38	580.34	580.38	580.30	580.18																
21	30APR	74	580.19	580.15	580.34	580.50	580.47	580.39	580.36	580.27	580.27	580.42	580.45											29	1400	580.63	1	1600	579.12
1	10MAY	74		580.53	580.31	580.45	580.55	580.41	580.60	580.63	580.43	580.50	580.47																
11	20MAY	74		580.27	580.42	580.66	580.37	580.55	580.59	580.58	580.68	580.62	580.59																
21	31MAY	74	580.58	580.58	580.69	580.75	580.76	580.79	580.75	580.70	580.63	580.71	580.72	580.61	17	0200	581.05	11	2100	579.83									
1	10JUNE	74		580.76	580.68	580.69	580.60	580.64	580.53	580.48	580.59	580.69	580.70																
11	20JUNE	74		580.95	580.93	580.86	580.82	580.86	580.94	580.94	580.94	580.87	580.96																
21	30JUNE	74	580.84	581.00	581.09	581.02	581.06	581.03	581.02	580.96	580.92	580.90	580.95											30	0900	581.40	7	1900	580.32
1	10JULY	74		580.97	580.98	581.08	581.03	581.22	581.10	581.08	581.05	581.08	581.16																
11	20JULY	74		581.07	581.05	581.01	581.09	581.17	581.02	580.97	580.98	581.17	581.00																
21	31JULY	74	581.04	580.99	580.95	580.99	581.01	580.94	580.87	580.94	581.05	581.02	581.02	581.08	3	2400	581.69	3	0900	580.49									
1	10AUG	74		581.01	580.94	580.85	580.93	581.06	580.93	580.87	580.88	580.87	580.74																
11	20AUG	74		580.54	580.80	580.96	580.87	580.76	580.71	580.88	580.86	580.81	580.78																
21	31AUG	74	580.82	580.76	580.70	580.85	580.88	580.74	580.66	580.84	580.82	580.73	580.77	580.79	27	0700	581.21	31	0400	579.94									
1	10SEPT	74		580.85	580.73	580.72	580.73	580.66	580.58	580.51	580.52	580.53	580.46																
11	20SEPT	74		580.40	580.58	580.59	580.66	580.66	580.56	580.63	580.41	580.42	580.53																
21	30SEPT	74	580.52	580.48	580.58	580.40	580.16	580.45	580.33	580.25	580.25	580.48	580.46											17	1400	580.95	24	1200	580.00
1	10OCT	74		580.52	580.40	580.30	580.13	580.10	580.15	580.48	580.19	580.17	580.26																
11	20OCT	74		580.05	580.25	580.03	580.00	580.34	580.07	580.38	580.19	580.15	580.13																
21	31OCT	74	580.12	580.05	580.18	580.05	579.90	580.15	579.97	579.95	579.75	579.84	579.78	579.91	1	1700	580.78	28	0600	579.63									
1	10NOV	74		579.93	579.83	579.93	580.04	580.02	579.99	579.94	579.95	579.88	579.89																
11	20NOV	74		579.66	579.95	579.91	579.89	579.93	580.01	579.78	579.93	579.77	579.87																
21	30NOV	74	579.89	580.35	579.84	579.73	579.90	580.02	579.84	579.62	579.71	579.84	579.75											21	0600	580.66	11	1400	579.38
1	10DEC	74		579.69	579.95	580.04	579.77	579.74	579.51	579.57	579.73	579.89	579.83																
11	20DEC	74		579.64	579.67	579.73	579.59	579.32	579.17	579.64	579.79	579.72	579.69																
21	31DEC	74	579.68	579.66	579.68	579.51	579.75	579.68	579.61	579.78	579.60	579.73	579.68	579.62	3	1500	580.16	15	2400	578.84									

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5014

ANNUAL SUMMARY OF LEVELS
ESSEXVILLE, MI. ON LAKE HURON (SAGINAW BAY)

YEARLY MEAN ELEVATION 580.26 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.10 JULY 1974
DAILY MEAN ELEVATION 581.48 10 JULY 1974
INSTANT/HOURLY ELEVATION 582.03 2247 9 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.99	8	JAN	1974
580.37	2	FEB	1974
580.37	20	MAR	1974
580.73	8	APR	1974
580.88	19	MAY	1974
581.41	22	JUNE	1974
581.48	10	JULY	1974
581.03	9	AUG	1974
580.92	1	SEPT	1974
580.62	1	OCT	1974
580.54	5	NOV	1974
580.79	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.61 DEC 1974
DAILY MEAN ELEVATION 578.95 26 DEC 1974
INSTANT/HOURLY ELEVATION 578.41 1000 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.39	21	JAN	1974
579.74	28	FEB	1974
579.56	25	MAR	1974
579.42	4	APR	1974
580.17	11	MAY	1974
580.33	10	JUNE	1974
580.84	2	JULY	1974
580.42	26	AUG	1974
579.61	24	SEPT	1974
579.59	14	OCT	1974
578.95	15	NOV	1974
578.95	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.60						1	1						0
581.40						3	6						2
581.20						4	15	3					11
581.00						6	10	12	3				33
580.80						12	7	12	5	1		2	73
580.60				4	12	7		12	5				116
580.40				3	9	4		4	12	1	2		151
580.20		2	4	12	2	1			5	7			184
580.00		5	6	6	2				4	7	4	1	219
579.80	12	9	15	3						9	10	2	279
579.60	16	3	4	1					1	5	5	8	322
579.40	2		2	1						1	6	12	346
579.20	1										2	4	353
579.00													353
578.80											1	2	356

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

DAILY WATER LEVELS

ESSEXVILLE, MI. ON LAKE HURON (SAGINAW BAY)

		MONTHLY MEANS											HIGH DAY TIME		INSTANT/HOURLY ELEV.		LOW DAY TIME		FLFV.	
1	10JAN	74	579.83	579.91	579.82	579.76	579.74	579.79	579.68	579.99	579.81	579.84								
11	20JAN	74	579.85	579.79	579.78	579.58	579.93	579.74	579.87	579.45	579.71	579.68								
21	31JAN	74	579.76	579.39	579.87	579.64	579.75	579.70	579.73	579.68	579.91	579.81	579.69	579.75	15	1600	580.24	21	1310	579.04
1	10FEB	74	580.27	580.37	580.02	580.03			580.02	579.91	579.85									
11	20FEB	74			579.98	579.95			579.92	579.74	579.79	579.82								
21	28FEB	74	579.95	579.83	580.02	579.95	580.07		579.80	579.74				2	0900	580.75	18	2200	579.37	
1	10MAR	74	579.93	579.82	579.57	579.84	579.80	579.80	579.98	580.21	579.74	580.10								
11	20MAR	74	579.99	580.33	580.15	580.02	579.80	579.94	580.11	580.00	580.13	580.37								
21	31MAR	74	579.95	579.68	579.97	579.74	579.87	579.56	579.76	579.95	580.30	579.92	579.97	579.99	12	0500	580.81	26	0400	578.85
1	10APR	74	580.23	579.70	580.22	579.42	580.23	580.10	580.26	580.73	580.23	580.05								
11	20APR	74	580.08	579.82	579.94	579.97	580.33	580.32	580.19	580.72	580.45	580.22								
21	30APR	74	580.23	580.06	580.28	580.67	580.64	580.25	580.37	580.20	580.18	580.44	580.55		18	0950	581.33	4	1445	578.53
1	10MAY	74	580.70	580.33	580.49	580.62	580.53	580.86	580.71	580.62	580.85	580.47								
11	20MAY	74	580.17	580.18	580.52	580.34	580.41	580.76	580.60	580.81	580.88	580.66								
21	31MAY	74	580.61	580.56	580.59	580.58	580.72	580.78	580.81	580.66	580.50	580.76	580.84	580.60	1	1346	581.41	12	0155	579.58
1	10JUNE	74	580.83	580.74	580.70	580.48	580.63	580.53	580.45	580.53	580.73	580.33								
11	20JUNE	74	580.78	580.81	580.80	580.74	580.89	580.82	580.72	580.86	580.87	580.95								
21	30JUNE	74	580.85	581.04	581.41	581.39	581.32	581.21	581.10	581.05	581.03	580.89	580.89		22	1755	581.68	10	1322	579.98
1	10JULY	74	580.92	580.84	580.98	581.04	581.31	581.13	581.11	581.10	581.19	581.48								
11	20JULY	74	581.35	581.13	581.03	581.08	581.39	581.14	580.93	580.89	581.34	581.27								
21	31JULY	74	581.10	581.20	581.05	581.10	581.13	580.98	580.91	580.97	580.99	581.10	581.03	581.04	9	2247	582.03	2	1202	579.75
1	10AUG	74	580.96	580.96	580.84	580.79	580.78	580.80	580.84	580.86	581.03	580.79								
11	20AUG	74	580.45	580.68	581.00	581.02	580.77	580.58	580.80	580.74	580.78	580.69								
21	31AUG	74	580.78	580.67	580.57	580.93	580.93	580.74	580.42	580.80	580.93	580.75	580.84	580.60	13	1940	581.39	31	0330	579.72
1	10SEPT	74	580.92	580.83	580.87	580.72	580.70	580.64	580.57	580.43	580.56	580.41								
11	20SEPT	74	580.19	580.58	580.44	580.40	580.21	580.48	580.64	580.43	580.38	580.59								
21	30SEPT	74	580.45	580.36	580.72	580.36	579.61	580.15	580.07	580.13	580.28	580.40	580.44		17	1910	581.80	15	0315	578.93
1	10OCT	74	580.62	580.38	580.17	579.83	579.74	579.80	580.37	580.06	580.15	580.15								
11	20OCT	74	579.91	580.40	580.08	579.59	580.27	579.87	580.26	580.29	580.21	580.31								
21	31OCT	74	580.02	579.67	579.60	580.07	579.80	580.10	579.86	579.96	579.68	579.81	579.71	579.83	1	1710	581.80	22	0145	578.71
1	10NOV	74	579.86	579.79	579.90	580.09	580.54	579.95	579.81	579.86	579.82	579.84								
11	20NOV	74	579.43	579.80	579.59	579.30	578.95	579.62	579.25	579.70	579.68	579.59								
21	30NOV	74	579.77	580.44	579.71	579.54	580.00	580.17	579.82	579.44	579.59	579.91	580.16		5	1050	581.10	15	1000	578.41
1	10DEC	74	580.79	580.61	580.13	579.65	579.50	579.39	579.61	579.77	579.82	579.37								
11	20DEC	74	579.51	579.62	579.86	579.75	579.57	578.99	579.40	579.41	579.70	579.58								
21	31DEC	74	579.61	579.62	579.58	579.32	579.64	579.44	578.95	579.43	579.24	579.51	579.57	579.53	2	0710	581.18	26	1740	578.41

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

110066

ANNUAL SUMMARY OF LEVELS
HARRISVILLE, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.20 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.95 JULY 1974
DAILY MEAN ELEVATION 581.12 5 JULY 1974
INSTANT/HOURLY ELEVATION 581.44 1218 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.89	28	JAN	1974
580.07	1	FEB	1974
580.06	18	MAR	1974
580.37	28	APR	1974
580.71	25	MAY	1974
580.93	26	JUNE	1974
581.12	5	JULY	1974
580.91	1	AUG	1974
580.70	1	SEPT	1974
580.28	7	OCT	1974
580.02	21	NOV	1974
579.83	10	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.61 DEC 1974
DAILY MEAN ELEVATION 579.22 16 DEC 1974
INSTANT/HOURLY ELEVATION 578.95 0048 16 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.42	18	JAN	1974
579.69	19	FEB	1974
579.59	3	MAR	1974
579.75	4	APR	1974
580.24	2	MAY	1974
580.49	7	JUNE	1974
580.83	26	JULY	1974
580.63	11	AUG	1974
580.18	28	SEPT	1974
579.73	28	OCT	1974
579.61	27	NOV	1974
579.22	16	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.20													0
581.00							7						7
580.80						19	23	11					60
580.60					8	8		19	4				99
580.40					16	3			11				129
580.20				12	7				13	4			165
580.00		1	1	11				2		14	1		195
579.80	10	10	24	5						10	14	1	269
579.60	18	17	5	2						3	12	17	343
579.40	3		1									12	359
579.20												1	360

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5059

DAILY WATER LEVELS
HARRISVILLE, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74	579.80	579.89	579.81	579.84	579.78	579.78	579.76	579.89	579.70	579.74								
11	20JAN	74	579.73	579.74	579.73	579.61	579.84	579.70	579.66	579.42	579.65	579.53								
21	31JAN	74	579.73	579.48	579.76	579.64	579.79	579.75	579.68	579.79	579.89	579.80	579.82	579.81	31	2300	580.27	18	1230	579.21
1	10FEB	74	580.07	579.92	579.80	579.77	579.78	579.76	579.74	579.78	579.78	579.72								
11	20FEB	74	579.84	579.76	579.77	579.81	579.75	579.72	579.84	579.73	579.69	579.81								
21	28FEB	74	579.79	579.74	579.71	579.83	579.88	579.81	579.85	579.76	579.78			1	1100	580.19	22	1915	579.34	
1	10MAR	74	579.78	579.65	579.59	579.83	579.86	579.88	579.91	579.96	579.70	579.96								
11	20MAR	74	579.89	579.87	579.89	579.90	579.83	579.85	579.96	580.06	579.99	579.99								
21	31MAR	74	579.86	579.85	579.99	579.90	579.96	579.91	579.87	579.96	579.88	579.62	579.66	579.90	8	0816	580.30	9	0729	579.25
1	10APR	74	579.88	579.78	579.90	579.75	580.06	580.07	580.06	580.01	580.00	580.07								
11	20APR	74	579.93	579.81	579.98	580.11	580.24	580.31	580.32	580.24	580.18	580.16								
21	30APR	74	580.13	580.16	580.32	580.36	580.30	580.32	580.25	580.19	580.37	580.36	580.35		14	1330	580.54	4	0130	579.25
1	10MAY	74	580.42	580.24	580.34	580.50	580.35	580.41	580.51	580.33	580.33	580.40								
11	20MAY	74	580.30	580.34	580.61	580.40	580.51	580.52	580.52	580.60	580.50	580.46								
21	31MAY	74	580.49	580.49	580.62	580.69	580.68	580.71	580.66	580.60	580.58	580.57	580.59	580.54	16	0007	580.83	12	0113	579.86
1	10JUNE	74	580.70	580.60	580.62	580.62	580.61	580.50	580.49	580.58	580.63	580.69								
11	20JUNE	74	580.93	580.87	580.84	580.79	580.80	580.90	580.88	580.87	580.84	580.91								
21	30JUNE	74	580.78	580.88	580.92	580.87	580.92	580.91	580.93	580.88	580.81	580.84	580.92		30	1250	581.25	10	0255	580.30
1	10JULY	74	580.94	580.89	580.88	580.97	581.12	581.04	581.00	580.97	581.00	581.00								
11	20JULY	74	580.92	580.96	580.95	580.97	581.04	580.96	580.94	580.90	581.02	580.90								
21	31JULY	74	580.95	580.88	580.91	580.88	580.84	580.83	580.89	580.96	580.93	580.97	580.94	14	1218	581.44	2	1137	580.40	
1	10AUG	74	580.91	580.86	580.79	580.85	580.90	580.89	580.83	580.81	580.80									
11	20AUG	74	580.63	580.80	580.87	580.81	580.72	580.70	580.74	580.77	580.69	580.68								
21	31AUG	74	580.76	580.71	580.64	580.70	580.79	580.70	580.68	580.72	580.72	580.70	580.71	580.77	1	0100	580.98	26	1200	580.44
1	10SEPT	74	580.70	580.65	580.61	580.61	580.55	580.47	580.45	580.47	580.48	580.33								
11	20SEPT	74	580.39	580.45	580.40	580.57	580.55	580.43	580.50	580.30	580.35	580.37								
21	30SEPT	74	580.41	580.34	580.36	580.29	580.25	580.33	580.25	580.18	580.18	580.22	580.31		1	0355	580.85	26	0755	579.90
1	10OCT	74	580.27	580.18	580.18	580.12	580.08	580.08	580.28	580.16	580.07	580.21								
11	20OCT	74	580.03	580.11	579.97	579.98	580.21	580.01	580.11	580.01	579.99	579.93								
21	31OCT	74	580.03	579.97	580.16	579.93	579.85	580.01	579.93	579.88	579.73	579.79	579.77	579.84	1	1200	580.53	28	0700	579.59
1	10NOV	74	579.90	579.73	579.85	579.97	579.86	579.92	579.89	579.91	579.85	579.85								
11	20NOV	74				579.81	579.94	579.97	579.79	579.90	579.76	579.75								
21	30NOV	74	579.82	580.02	579.77	579.72	579.77	579.82	579.76	579.61	579.68	579.72	579.70		4	0900	580.22	28	0038	579.50
1	10DEC	74	579.62	579.64	579.72	579.66	579.68	579.52	579.58	579.57	579.72	579.83								
11	20DEC	74	579.64	579.64	579.66	579.55	579.45	579.22	579.59	579.70	579.63	579.62								
21	31DEC	74	579.61	579.59	579.64	579.54	579.68	579.58	579.60	579.75	579.57	579.68	579.56	579.54	27	1125	580.00	16	0048	578.95

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5059

110070

ANNUAL SUMMARY OF LEVELS
MACKINAC CITY, MI. ON STRAITS OF MACKINAC

YEARLY MEAN ELEVATION 580.24 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.98 JULY 1974
DAILY MEAN ELEVATION 581.08 6 JULY 1974
INSTANT/HOURLY ELEVATION 581.40 2000 4 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.03	29	JAN	1974
579.93	27	FEB	1974
580.14	25	MAR	1974
580.46	21	APR	1974
580.72	23	MAY	1974
580.99	29	JUNE	1974
581.08	6	JULY	1974
580.99	12	AUG	1974
580.72	24	SEPT	1974
580.32	5	OCT	1974
580.05	11	NOV	1974
579.94	26	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.68 DEC 1974
DAILY MEAN ELEVATION 579.40 22 FEB 1974
INSTANT/HOURLY ELEVATION 578.96 1400 31 JAN 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.62	11	JAN	1974
579.40	22	FEB	1974
579.67	17	MAR	1974
579.79	3	APR	1974
580.30	6	MAY	1974
580.65	2	JUNE	1974
580.85	20	JULY	1974
580.70	23	AUG	1974
580.04	29	SEPT	1974
579.85	25	OCT	1974
579.67	24	NOV	1974
579.47	8	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.20													0
581.00							15						15
580.80						22	16	20					73
580.60					11	8		11	3				106
580.40					13				14				136
580.20				12	7				12	7			174
580.00	2		2	8					1	12	4		203
579.80	12	11	18	6						12	21	1	284
579.60	17	15	3	1							5	25	350
579.40		2										5	357

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5080

DAILY WATER LEVELS

MACKINAW CITY, MI. ON STRAITS OF MACKINAC

DAY	MONTH	MONTHLY MEANS														HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10JAN	74	579.83	579.90	579.86	579.85	579.82	579.80	579.64	579.79	579.71	579.66							
11	20JAN	74	579.62	579.65	579.79	579.81	579.68	579.78	579.64	579.70	579.67	579.71							
21	31JAN	74	579.78	579.70	579.76	579.76	579.83	579.83	579.84	579.83	579.88	580.03	580.02	579.67	16	0500	580.38	31	1400 578.96
1	10FEB	74	579.85	579.75	579.75	579.72	579.73	579.66	579.74	579.80	579.79	579.85							
11	20FEB	74	579.83	579.84	579.59	579.72	579.80	579.80	579.69	579.89	579.66	579.76							
21	28FEB	74	579.76	579.74	579.40	579.65	579.73	579.79	579.88	579.93	579.87				10	0700	580.28	22	2100 579.10
1	10MAR	74	579.78	579.88	579.98	579.89	579.88												
11	20MAR	74				579.93	579.93	579.81	579.67	580.02	579.77	579.93							
21	31MAR	74	579.88	579.90	579.95	579.86	579.85	580.14	579.82	579.86	579.86	579.88	579.87	579.85	25	1400	580.49	26	1400 579.51
1	10APR	74	579.81	579.98	579.79	580.02	579.91	580.12	579.89	579.94	580.03	580.09							
11	20APR	74	579.96	580.12	580.22	580.10	580.14	580.28	580.34	580.14	580.26	580.34							
21	30APR	74	580.17	580.46	580.41	580.22	580.26	580.37	580.30	580.38	580.41	580.36	580.36		22	0100	580.67	3	2100 579.49
1	10MAY	74	580.35	580.47	580.33	580.40	580.38	580.30	580.37	580.34	580.39	580.42							
11	20MAY	74	580.52	580.52	580.47	580.55	580.57	580.53	580.54	580.52	580.52	580.60							
21	31MAY	74	580.52	580.67	580.70	580.72	580.66	580.64	580.64	580.63	580.69	580.61	580.59	580.65	22	0900	580.98	1	1000 579.98
1	10JUNE	74	580.67	580.65	580.69	580.76	580.71	580.72	580.81	580.76	580.72	580.92							
11	20JUNE	74	580.86	580.89	580.86	580.88	580.92	580.96	580.98	580.97	580.95	580.98							
21	30JUNE	74	580.85	580.90	580.85	580.81	580.86	580.85	580.90	580.92	580.93	580.99	580.98		30	2100	581.30	9	1500 580.52
1	10JULY	74	581.02	581.03	581.01	581.08	581.03	581.08	581.04	581.04	581.04	580.94							
11	20JULY	74	580.94	581.01	581.02	580.96	580.94	580.97	581.05	581.02	580.92	580.85							
21	31JULY	74	580.98	580.92	580.91	580.92	580.89	580.97	581.02	580.99	581.01	580.92	580.96	580.92	4	2000	581.40	14	0800 580.40
1	10AUG	74	580.90	580.95	580.89	580.90	580.86	580.88	580.84	580.83	580.78	580.78							
11	20AUG	74	580.92	580.99	580.77	580.76	580.82	580.86	580.83	580.86	580.78	580.84							
21	31AUG	74	580.82	580.91	580.84	580.70	580.72	580.82	580.85	580.72	580.71	580.75	580.80	580.73	12	1900	581.25	26	2300 580.40
1	10SEPT	74	580.56	580.59	580.51	580.55	580.54	580.49	580.52	580.54	580.41	580.46							
11	20SEPT	74	580.63	580.43	580.39	580.67	580.45	580.48	580.39	580.43	580.39	580.36							
21	30SEPT	74	580.43	580.28	580.22	580.37	580.72	580.28	580.36	580.36	580.28	580.04	580.25		14	1900	580.94	29	1100 579.74
1	10OCT	74	580.13	580.14	580.30	580.29	580.32	580.21	580.07	580.27	580.11	580.17							
11	20OCT	74	580.24	579.98	580.12	580.15	580.14	580.18	579.94	579.92	579.95	579.90							
21	31OCT	74	580.08	580.25	580.11	579.89	580.05	579.85	579.95	579.92	579.97	579.92	579.99	580.00	6	1400	580.58	17	1000 579.58
1	10NOV	74	579.99	579.91	579.92	579.89	579.81	579.90	579.98	579.94	579.95	579.89							
11	20NOV	74	580.05	579.98	579.95	580.02	580.03	579.92	580.01	579.88	579.86	579.84							
21	30NOV	74	579.88	579.67	579.88	579.89	579.67	579.69	579.85	579.90	579.81	579.73	579.69		17	1900	580.31	21	1000 579.50
1	10DEC	74	579.57	579.53	579.51	579.72	579.73	579.79	579.70	579.47	579.66	579.79							
11	20DEC	74	579.76	579.63	579.63	579.62	579.71	579.77	579.71	579.72	579.64	579.70							
21	31DEC	74	579.68	579.67	579.70	579.77	579.67	579.68	579.94	579.64	579.79	579.63	579.59	579.65	10	0400	580.25	8	0600 579.31

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5080

110072

ANNUAL SUMMARY OF LEVELS
DE TOUR, MI. ON LAKE HURON

YEARLY MEAN ELEVATION 580.23 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 580.97 JULY 1974
DAILY MEAN ELEVATION 581.09 6 JULY 1974
INSTANT/HOURLY ELEVATION 581.30 1815 17 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.99	30	JAN	1974
579.97	1	FEB	1974
		MAR	1974
580.37	28	APR	1974
580.75	23	MAY	1974
580.98	30	JUNE	1974
581.09	6	JULY	1974
580.93	12	AUG	1974
580.60	14	SEPT	1974
580.30	4	OCT	1974
580.03	16	NOV	1974
579.83	10	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.62 DEC 1974
DAILY MEAN ELEVATION 579.27 22 FEB 1974
INSTANT/HOURLY ELEVATION 578.72 2100 22 FEB 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.47	18	JAN	1974
579.27	22	FEB	1974
		MAR	1974
579.85	7	APR	1974
580.19	3	MAY	1974
580.67	6	JUNE	1974
580.83	20	JULY	1974
580.62	29	AUG	1974
579.97	29	SEPT	1974
579.81	20	OCT	1974
579.53	24	NOV	1974
579.28	2	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.20													0
581.00							13						13
580.80						20	18	14					65
580.60					10	10		17	1				103
580.40					15				14				132
580.20				11	5				12	6			166
580.00				9	1					12	2		190
579.80	12	7		6					1	13	18	2	249
579.60	15	15									7	17	303
579.40	4	5									3	9	324
579.20		1										2	327

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5098

DAILY WATER LEVELS
DE TOUR, MI. ON LAKE HURON

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV.					
1	10JAN	74	579.76	579.91	579.82	579.85	579.84	579.81	579.69	579.89	579.65	579.63									
11	20JAN	74	579.56	579.67	579.84	579.75	579.76	579.66	579.56	579.47	579.62	579.66									
21	31JAN	74	579.74	579.48	579.76	579.65	579.83	579.82	579.76	579.73	579.88	579.95	579.99	579.62	29	2233	580.21	31	1355	578.82	
1	10FEB	74	579.97	579.72	579.60	579.57	579.66	579.57	579.61	579.74	579.70	579.80									
11	20FEB	74	579.79	579.80	579.56	579.69	579.74	579.71	579.66	579.87	579.56	579.75									
21	28FEB	74	579.69	579.69	579.27	579.53	579.69	579.73	579.83	579.86	579.82	1 1155 580.16 22 2100 578.72									
1	10MAR	74																			
11	20MAR	74																			
21	31MAR	74																			
1	10APR	74											579.86	580.03	579.85	579.87	579.92	580.07			
11	20APR	74	579.94	579.90	580.04	580.04	580.08	580.28	580.30	580.11	580.13	580.25									
21	30APR	74	580.14	580.30	580.35	580.19	580.18	580.33	580.27	580.31	580.37	580.34	580.33	30	0257	580.59	15	0121	579.62		
1	10MAY	74	580.37	580.44	580.19	580.45	580.31	580.20	580.43	580.35	580.31	580.45									
11	20MAY	74	580.44	580.41	580.57	580.55	580.56	580.58	580.46	580.59	580.51	580.55									
21	31MAY	74	580.51	580.62	580.69	580.75	580.68	580.67	580.66	580.65	580.68	580.62	580.65	580.59	23	2000	580.93	3	1552	579.82	
1	10JUNE	74	580.75	580.67	580.70	580.73	580.71	580.67	580.71	580.71	580.74	580.84									
11	20JUNE	74	580.90	580.90	580.88	580.85	580.87	580.97	580.98	580.96	580.91	580.97									
21	30JUNE	74	580.84	580.86	580.86	580.77	580.84	580.83	580.89	580.92	580.88	580.94	580.98	20	2055	581.26	5	2302	580.45		
1	10JULY	74	581.02	581.02	581.02	581.01	581.07	581.09	581.03	581.02	581.03	580.96									
11	20JULY	74	580.92	581.02	581.02	580.93	580.95	580.97	581.05	580.96	580.95	580.83									
21	31JULY	74	580.97	580.91	580.88	580.87	580.90	580.93	580.97	580.95	581.04	580.92	580.95	580.91	17	1815	581.30	14	2138	580.50	
1	10AUG	74	580.88	580.87	580.82	580.86	580.83	580.87	580.80	580.79	580.76	580.76									
11	20AUG	74	580.85	580.93	580.77	580.76	580.76	580.78	580.82	580.83	580.76	580.79									
21	31AUG	74	580.78	580.87	580.81	580.64	580.70	580.72	580.80	580.66	580.66	580.62	580.72	580.78	12	1400	581.13	27	0600	580.49	
1	10SEPT	74				580.45	580.52	580.52	580.44	580.45	580.50	580.41	580.42								
11	20SEPT	74	580.57	580.48	580.29	580.60	580.48	580.45	580.45	580.34	580.39	580.33									
21	30SEPT	74	580.39	580.25	580.21	580.29	580.59	580.36	580.38	580.33	580.29	579.97	580.27	24	2215	580.84	29	1140	579.39		
1	10OCT	74	580.11	580.12	580.26	580.30	580.25	580.16	580.10	580.25	580.03	580.22									
11	20OCT	74	580.18	580.03	580.07	580.05	580.16	580.13	579.96	579.91	579.92	579.81									
21	31OCT	74	580.05	580.11	580.23	579.93	579.95	579.84	579.92	579.91	579.85	579.92	579.88	579.99	7	1325	580.57	7	0112	579.45	
1	10NOV	74	579.94	579.81	579.79	579.91	579.70	579.83	579.91	579.91	579.87	579.88									
11	20NOV	74	579.86	579.89	579.90	579.93	580.00	580.03	579.87	579.92	579.80	579.71									
21	30NOV	74	579.81	579.65	579.80	579.82	579.53	579.58	579.76	579.86	579.68	579.63	579.58	16	0835	580.27	24	1030	579.26		
1	10DEC	74	579.40	579.28	579.44	579.62	579.72	579.73	579.68	579.34	579.52	579.83									
11	20DEC	74	579.75	579.58	579.61	579.52	579.69	579.50	579.59	579.66		579.67									
21	31DEC	74	579.62	579.61	579.71	579.63	579.72	579.59	579.80	579.77	579.68	579.71	579.53	579.60	10	0600	580.07	8	1400	579.11	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5098

110974

ANNUAL SUMMARY OF LEVELS
FRECHETTE POINT, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 580.84 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.38 JUNE 1974
DAILY MEAN ELEVATION 581.64 27 JUNE 1974
INSTANT/HOURLY ELEVATION 581.93 1617 11 AUG 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.92	30	JAN	1974
580.95	1	FEB	1974
580.99	25	MAR	1974
580.91	22	APR	1974
581.17	11	MAY	1974
581.64	27	JUNE	1974
581.58	17	JULY	1974
581.61	11	AUG	1974
581.23	24	SEPT	1974
580.90	4	OCT	1974
581.01	27	NOV	1974
580.71	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 580.41 DEC 1974
DAILY MEAN ELEVATION 580.07 3 DEC 1974
INSTANT/HOURLY ELEVATION 579.61 1545 29 SEPT 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.34	1	JAN	1974
580.45	4	FEB	1974
580.55	17	MAR	1974
580.68	18	APR	1974
580.32	3	MAY	1974
581.12	11	JUNE	1974
581.13	5	JULY	1974
580.98	23	AUG	1974
580.19	29	SEPT	1974
580.19	25	OCT	1974
580.09	21	NOV	1974
580.07	3	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.80													0
581.60						1		1					2
581.40						14	14	3					33
581.20						5	14	20	1				73
581.00					8	7	1	6	4		1		100
580.80	6	5	13	13	3			1	17	3			161
580.60	12	18	15	13	7				6	8	4	5	249
580.40	12	5	2		1				1	13	18	13	314
580.20	1				1					6	5	8	335
580.00									1	1	2	5	344

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6050

DAILY WATER LEVELS
FRECHETTE POINT, MI. ON ST. MARYS RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV. DAY TIME				
1	10JAN	74	580.34	580.58	580.57	580.79	580.91	580.84	580.76	580.76	580.64	580.58								
11	20JAN	74	580.53	580.59	580.69	580.76	580.67	580.59	580.44	580.44	580.51	580.57								
21	31JAN	74	580.66	580.45	580.62	580.56	580.72	580.74	580.71	580.68	580.81	580.81	580.92	580.80	30	0251	581.04	1	1200	580.25
1	10FEB	74	580.95	580.69	580.63	580.45	580.62	580.58	580.56	580.69	580.65	580.82								
11	20FEB	74	580.68	580.79	580.63	580.64	580.66	580.74	580.62	580.79	580.66	580.68								
21	28FEB	74	580.69	580.73	580.52	580.50	580.74	580.72	580.82	580.94	580.89				1	1000	581.06	23	0200	580.18
1	10MAR	74	580.82	580.89	580.87	580.92	580.95	580.99		580.79	580.70	580.67								
11	20MAR	74	580.82	580.66	580.58	580.73	580.75	580.63	580.55	580.87	580.75	580.79								
21	31MAR	74	580.78	580.78	580.89	580.89	580.89	580.99	580.78	580.80	580.75	580.65	580.64	580.66	25	2000	581.11	10	0700	580.43
1	10APR	74	580.79	580.74	580.74	580.71	580.72	580.89	580.81	580.75	580.71	580.84								
11	20APR	74	580.81	580.84	580.87	580.87	580.72	580.87	580.87	580.68	580.69	580.82								
21	30APR	74	580.79	580.84	580.91		580.90	580.79			580.71	580.74			21	2140	581.04	29	2100	580.50
1	10MAY	74	580.74	581.10	580.32	580.78	580.75	580.41	580.72	580.82	580.64	580.87								
11	20MAY	74	581.17	580.82	580.77	581.16		581.15	580.76			581.12								
21	31MAY	74	580.86	581.04	581.04	581.07									11	1700	581.67	3	1900	579.63
1	10JUNE	74			581.16	581.15	581.14	581.20	581.36	581.17	581.12									
11	20JUNE	74	581.12	581.25	581.16	581.31	581.39	581.49	581.48	581.50	581.55	581.56								
21	30JUNE	74	581.38	581.47	581.47	581.42	581.50	581.49	581.56	581.64	581.57	581.58	581.50		29	1715	581.77	11	1205	580.89
1	10JULY	74	581.49	581.43	581.45	581.44	581.13			581.46	581.42	581.34								
11	20JULY	74	581.31	581.41	581.46	581.33	581.29	581.40	581.58	581.38	581.32	581.28								
21	31JULY	74	581.38	581.34	581.35	581.31	581.35	581.51	581.52	581.43	581.44	581.33	581.36	581.27	17	2100	581.82	15	0045	581.01
1	10AUG	74	581.37	581.44	581.38	581.36	581.25	581.37	581.31	581.28	581.29	581.39								
11	20AUG	74	581.61	581.50	581.12	581.25	581.34	581.32	581.24	581.31	581.24	581.31								
21	31AUG	74	581.29	581.41	581.32	580.98	581.12	581.28	581.39	581.05	581.16	581.19	581.25	581.13	11	1617	581.93	23	2127	580.72
1	10SEPT	74	580.99	580.97	580.88	580.97	581.02	580.98	580.99	581.02	580.89	580.99								
11	20SEPT	74	581.05	580.91	580.63	581.04	580.83	580.94	580.95	580.88	580.90	580.77								
21	30SEPT	74	580.87	580.66	580.53	580.79	581.23	580.80	580.90	580.86	580.79	580.19	580.71		25	0030	581.50	29	1545	579.61
1	10OCT	74	580.52	580.45	580.82	580.90	580.74	580.67	580.39	580.87	580.49	580.68								
11	20OCT	74	580.74	580.41	580.72	580.53	580.59	580.68	580.28	580.36	580.40	580.25								
21	31OCT	74	580.54	580.61	580.77	580.46	580.49	580.19	580.39	580.55	580.42	580.47	580.39	580.47	8	1230	581.11	25	1605	579.78
1	10NOV	74	580.53	580.50	580.21	580.35	580.21	580.24	580.49	580.50	580.55	580.54								
11	20NOV	74	580.75	580.51	580.52	580.56	580.65	580.65	580.57	580.57	580.51	580.40								
21	30NOV	74	580.48	580.09	580.50	580.57	580.16	580.20	580.55	581.01	580.67	580.49	580.50		27	1650	581.09	21	1110	579.87
1	10DEC	74	580.33	580.11	580.07	580.37	580.52	580.67	580.60	580.11	580.14	580.65								
11	20DEC	74	580.61	580.41	580.45	580.40	580.71	580.54	580.39	580.44	580.50	580.47								
21	31DEC	74	580.41	580.45	580.51	580.50	580.39	580.31	580.49	580.45	580.37	580.38	580.17	580.28	23	0425	581.01	8	1753	579.78

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6050

ANNUAL SUMMARY OF LEVELS
U.S. SLIP, BELOW LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 581.25 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.67 JUNE 1974
DAILY MEAN ELEVATION 582.11 27 JUNE 1974
INSTANT/HOURLY ELEVATION 582.37 0628 27 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
581.74	30	JAN	1974
581.90	1	FEB	1974
581.59	5	MAR	1974
581.20	22	APR	1974
581.40	11	MAY	1974
582.11	27	JUNE	1974
581.81	17	JULY	1974
581.91	11	AUG	1974
581.50	24	SEPT	1974
581.21	8	OCT	1974
581.48	27	NOV	1974
581.18	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 580.85 OCT 1974
DAILY MEAN ELEVATION 580.45 25 OCT 1974
INSTANT/HOURLY ELEVATION 579.59 1908 3 MAY 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.70	1	JAN	1974
581.28	23	FEB	1974
580.90	17	MAR	1974
580.96	24	APR	1974
580.60	3	MAY	1974
581.28	2	JUNE	1974
581.53	11	JULY	1974
581.14	23	AUG	1974
580.57	29	SEPT	1974
580.45	25	OCT	1974
580.49	21	NOV	1974
580.60	30	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
582.20						2							0
582.00						13	2	1					2
581.80		1				2	18	8					19
581.60	6	9				7	11	16	1		1		62
581.40	6	15	7		1	6		5	13	2	1		127
581.20	12	3	13	1	11			1	13	8	5	9	194
581.00	4		10	25	14			1	2	6	15	15	283
580.80	2		1	4	3					13	3	7	331
580.60	1				2					2	5		357
580.40									1				365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

DAILY WATER LEVELS

U.S. SLIP, BELOW LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74	580.70	580.92	580.91	581.19	581.36	581.35	581.38	581.47	581.36	581.28								
11	20JAN	74	581.19	581.26	581.39	581.46	581.38	581.32	581.11	581.16	581.22	581.31								
21	31JAN	74	581.36	581.32	581.46	581.46	581.63	581.67	581.58	581.58	581.68	581.66	581.74	581.69	25	1338	581.85	1	1100	580.57
1	10FEB	74	581.90	581.60	581.62	581.34	581.56	581.55	581.55	581.64	581.60	581.73								
11	20FEB	74	581.60	581.70	581.57	581.52	581.49	581.57	581.46	581.57	581.49	581.47								
21	28FEB	74	581.55	581.51	581.37	581.28	581.49	581.46	581.54	581.72	581.67			1	1050	582.13	4	0900	580.77	
1	10MAR	74	581.53	581.58	581.47	581.59	581.59	581.54	581.34	581.29	581.22	581.15								
11	20MAR	74	581.29	581.14	581.05	581.20	581.20	581.02	580.90	581.20	581.12	581.14								
21	31MAR	74	581.25	581.10	581.20	581.22	581.24	581.46	581.29	581.28	581.22	581.16	581.09	581.09	4	2100	581.76	17	1700	580.79
1	10APR	74	581.13	581.01	581.03	580.98	580.96	581.16	581.08	581.05	581.02	581.14								
11	20APR	74	581.13	581.14	581.16	581.16	581.00	581.16	581.17	581.03	581.02	581.10								
21	30APR	74	581.08	581.14	581.20	580.96	580.96	581.15	581.10	581.11	581.07	581.02	581.02		21	2143	581.53	23	1820	580.57
1	10MAY	74	581.02	581.37	580.60	581.02	581.02	580.65	580.94	581.06	580.88	581.10								
11	20MAY	74	581.40	581.07	580.97	581.31	581.01	581.37	581.01	581.13	581.20	581.27								
21	31MAY	74	581.12	581.27	581.25	581.29	581.12	581.08	581.17	581.25	581.34	581.16	581.21	581.13	11	1642	582.13	3	1908	579.59
1	10JUNE	74	581.32	581.28	581.30	581.37	581.40	581.45	581.60	581.42	581.40	581.48								
11	20JUNE	74	581.32	581.44	581.37	581.56	581.70	581.80	581.80	581.83	581.92	581.92								
21	30JUNE	74	581.67	581.94	581.92	581.86	581.91	581.93	582.02	582.11	581.97	581.91	581.86		27	0628	582.37	8	1555	580.93
1	10JULY	74	581.81	581.67	581.68	581.69	581.53	581.74	581.69	581.67	581.66	581.59								
11	20JULY	74	581.53	581.58	581.63	581.61	581.55	581.67	581.81	581.61	581.54	581.55								
21	31JULY	74	581.64	581.63	581.63	581.55	581.59	581.78	581.77	581.68	581.71	581.59	581.60	581.55	1	0800	582.16	21	0734	581.19
1	10AUG	74	581.59	581.70	581.66	581.66	581.50	581.65	581.59	581.56	581.56	581.66								
11	20AUG	74	581.91	581.79	581.43	581.52	581.58	581.62	581.53	581.60	581.54	581.46								
21	31AUG	74	581.52	581.50	581.45	581.14	581.26	581.40	581.57	581.23	581.33	581.35	581.42	581.30	11	1530	582.35	13	2007	580.93
1	10SEPT	74	581.17	581.14	581.06	581.22	581.35	581.28	581.31	581.33	581.19	581.26								
11	20SEPT	74	581.33	581.21	580.94	581.32	581.17	581.24	581.23	581.18	581.22	581.05								
21	30SEPT	74	581.16	581.00	580.82	581.12	581.50	581.15	581.22	581.16	581.09	580.57	581.04		24	1825	581.93	29	1610	579.73
1	10OCT	74	580.89	580.78	581.11	581.21	581.06	581.02	580.68	581.21	580.86	581.02								
11	20OCT	74	581.08	580.75	581.05	580.88	580.90	581.00	580.62	580.69	580.67	580.58								
21	31OCT	74	580.85	580.87	581.05	580.78	580.76	580.45	580.67	580.82	580.73	580.75	580.68	580.76	4	1652	581.53	7	0928	579.91
1	10NOV	74	580.82	580.84	580.54	580.66	580.51	580.52	580.80	580.85	580.90	580.89								
11	20NOV	74	581.12	580.88	580.90	580.93	581.02	581.02	580.93	580.95	580.88	580.79								
21	30NOV	74	580.86	580.49	580.85	580.95	580.54	580.65	580.96	581.48	581.20	581.01	581.02		27	1050	581.73	5	1913	580.03
1	10DEC	74	580.88	580.65	580.61	580.88	581.04	581.17	581.13	580.68	580.69	581.16								
11	20DEC	74	581.13	580.93	580.98	580.93	581.18	581.08	580.92	580.99	581.05	580.99								
21	31DEC	74	580.91	580.98	581.04	580.97	580.81	580.74	580.91	580.91	580.81	580.83	580.60	580.71	6	1502	581.53	8	1558	580.07

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

110076

ANNUAL SUMMARY OF LEVELS
S.W. PIER, ABOVE LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

YEARLY MEAN ELEVATION 600.98 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.70 SEPT 1974
DAILY MEAN ELEVATION 602.06 13 SEPT 1974
INSTANT/HOURLY ELEVATION 603.35 0631 17 OCT 1974

LOWEST

MONTHLY MEAN ELEVATION 600.15 MAR 1974
DAILY MEAN ELEVATION 599.78 29 MAR 1974
INSTANT/HOURLY ELEVATION 599.17 1022 14 APR 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.05	31	JAN	1974
600.51	22	FEB	1974
600.46	23	MAR	1974
600.64	23	APR	1974
600.99	24	MAY	1974
601.32	16	JUNE	1974
601.68	31	JULY	1974
601.98	31	AUG	1974
602.06	13	SEPT	1974
601.95	17	OCT	1974
602.01	15	NOV	1974
601.54	8	DEC	1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.06	17	JAN	1974
600.01	18	FEB	1974
599.78	29	MAR	1974
599.79	12	APR	1974
600.14	11	MAY	1974
600.62	6	JUNE	1974
601.09	2	JULY	1974
601.20	11	AUG	1974
601.40	24	SEPT	1974
601.18	27	OCT	1974
601.07	26	NOV	1974
600.52	15	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.20									3		1		0
602.00									3				4
601.80								3	3	3	1		14
601.60							2	8	14	10	9		57
601.40							9	16	10	12	7	4	115
601.20						7	16	4		5	10	13	170
601.00	3					10	4			1	2	11	201
600.80	1				12	7						2	223
600.60	5				12	6							249
600.40	9	2	2	7	5							1	275
600.20	8	19	9	8	1								320
600.00	5	7	15	8	1								356
599.80			4	3									363
599.60			1	1									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6070

DAILY WATER LEVELS

S.W. PIER, ABOVE LOCKS, SAULT STE. MARIE, MI. ON ST. MARYS RIVER

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW ELEV. DAY TIME
1	10JAN	74	601.04	600.86	600.59	600.58	600.69	600.62	601.01	600.42	600.56	600.57			
11	20JAN	74	600.68	600.70	600.42	600.65	600.38	600.31	600.06	600.17	600.29	600.10			
21	31JAN	74	600.49	600.58	600.30	600.39	600.42	600.32	600.12	600.54	600.35	600.12	600.30	601.05	31 1000 601.86 18 0340 599.27
1	10FEB	74	600.38	600.24	600.15	600.28	600.19	600.24	600.24	600.29	600.26	600.38			
11	20FEB	74	600.21	600.24	600.45	600.26	600.09	600.33	600.28	600.01	600.33	600.23			
21	28FEB	74	600.25	600.21	600.51	600.35	600.26	600.25	600.06	600.02	600.17		1 0906 600.87 28 0440 599.50		
1	10MAR	74	600.07	599.91	599.91	600.15	600.04	600.04	600.36	599.92	600.14	600.25			
11	20MAR	74	600.16	600.19	600.18	600.02	600.03	600.30	600.34	600.16	600.40	600.15			
21	31MAR	74	600.15	600.29	600.26	600.46	600.39	600.04	600.26	600.16	599.92	599.78	600.06	600.23	10 0040 601.23 8 2010 599.21
1	10APR	74	599.95	600.16	600.10	600.39	600.28	600.04	600.33	600.07	600.01	600.00			
11	20APR	74	599.91	599.79	600.26	600.48	600.53	600.25	600.21	600.32	600.01	599.92			
21	30APR	74	600.25	600.11	600.48	600.64	600.43	600.43	600.30	600.52	600.61	600.60		14 2145 601.39 14 1022 599.17	
1	10MAY	74	600.63	600.27	600.90	600.68	600.61	600.92	600.75	600.61	600.63	600.53			
11	20MAY	74	600.14	600.77	600.78	600.58	600.81	600.54	600.81	600.82	600.66	600.48			
21	31MAY	74	600.71	600.53	600.77	600.79	600.99	600.92	600.92	600.81	600.73	600.92	600.86	600.96	3 1230 601.93 2 0303 599.19
1	10JUNE	74	600.88	600.79	600.73	600.78	600.70	600.62	600.72	600.95	600.95	601.18			
11	20JUNE	74	601.32	601.20	601.15	601.01	601.18	601.32	601.17	601.08	601.08	601.07			
21	30JUNE	74	601.03	601.22	601.28	601.26	601.21	601.14	601.04	600.95	600.96	600.99		11 0155 602.03 3 1920 599.97	
1	10JULY	74	601.12	601.09	601.19	601.42	601.36	601.32	601.23	601.26	601.38	601.46			
11	20JULY	74	601.38	601.28	601.36	601.50	601.57	601.39	601.31	601.43	601.49	601.39			
21	31JULY	74	601.37	601.36	601.32	601.43	601.29	601.15	601.28	601.39	601.50	601.53	601.62	601.68	3 2230 602.50 3 2040 599.41
1	10AUG	74	601.52	601.51	601.56	601.66	601.62	601.52	601.52	601.56	601.47	601.27			
11	20AUG	74	601.20	601.47	601.71	601.51	601.32	601.53	601.58	601.58	601.51	601.33			
21	31AUG	74	601.56	601.45	601.66	601.84	601.65	601.43	601.65	601.87	601.71	601.67	601.58	601.98	31 0932 602.75 26 0734 600.07
1	10SEPT	74	601.84	601.79	601.75	601.71	601.56	601.51	601.46	601.61	601.60	601.41			
11	20SEPT	74	601.52	601.76	602.06	601.72	602.05	601.69	601.79	601.55	601.78	601.71			
21	30SEPT	74	601.70	601.91	601.75	601.51	601.40	601.95	601.54	601.50	601.74	602.04	601.70		13 1228 602.91 11 0047 599.85
1	10OCT	74	601.77	601.65	601.34	601.34	601.60	601.83	601.88	601.49	601.68	601.52			
11	20OCT	74	601.41	601.79	601.32	601.76	601.69	601.51	601.95	601.64	601.59	601.56			
21	31OCT	74	601.56	601.42	601.61	601.52	601.48	601.79	601.57	601.18	601.31	601.33	601.44	601.47	17 0631 603.35 11 0237 600.61
1	10NOV	74	601.26	601.28	601.71	601.60	601.59	601.58	601.41	601.39	601.31	601.36			
11	20NOV	74	601.41	601.71	601.78	601.82	602.01	601.60	601.63	601.55	601.33	601.76			
21	30NOV	74	601.50	601.79	601.31	601.52	601.71	601.50	601.07	601.11	601.32	601.31	601.25		15 2243 602.65 2 1215 600.51
1	10DEC	74	601.29	601.49	601.46	601.18	601.21	601.07	601.31	601.54	601.23	601.38			
11	20DEC	74	601.22	601.28	601.15	600.95	600.52	601.03	601.41	601.29	601.16	601.14			
21	31DEC	74	601.19	601.10	600.94	601.20	601.21	601.20	601.10	601.24	601.09	601.25	601.17	601.08	23 1520 602.15 13 1630 600.13

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6070

110030

ANNUAL SUMMARY OF LEVELS
LUDINGTON, MI, ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.46 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.21 JULY 1974
DAILY MEAN ELEVATION 581.38 4 JULY 1974
INSTANT/HOURLY ELEVATION 581.73 1300 21 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.17	20	JAN	1974
580.21	3	FEB	1974
580.46	30	MAR	1974
580.74	12	APR	1974
581.04	21	MAY	1974
581.29	15	JUNE	1974
581.38	4	JULY	1974
581.28	11	AUG	1974
580.84	10	SEPT	1974
580.46	6	OCT	1974
580.40	11	NOV	1974
580.32	16	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.85 DEC 1974
DAILY MEAN ELEVATION 579.54 27 DEC 1974
INSTANT/HOURLY ELEVATION 579.38 0600 27 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.73	8	JAN	1974
579.75	1	FEB	1974
579.99	1	MAR	1974
580.20	5	APR	1974
580.50	13	MAY	1974
580.85	1	JUNE	1974
580.96	31	JULY	1974
580.65	31	AUG	1974
580.29	25	SEPT	1974
579.89	22	OCT	1974
579.79	21	NOV	1974
579.54	27	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20						9	19	2					30
581.00					3	16	11	15					75
580.80					15	5	1	12	1				109
580.60				10	9			2	12				142
580.40			2	11	4				14	2	1		176
580.20		1	8	9					3	15	4	2	218
580.00	13	23	20							12	18	2	306
579.80	15	3	1							2	6	17	350
579.60	2	1									1	9	363
579.40												1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

DAILY WATER LEVELS
LUDINGTON, MI, ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV.	LOW DAY TIME	ELEV.
1	10JAN	74	580.04	579.98	579.94	579.86	579.83	579.83	579.77	579.73	579.99	580.01				
11	20JAN	74	580.06	579.90	579.83	579.92	579.91	580.04	580.05	580.17	579.94	580.17				
21	31JAN	74	579.97	580.07	579.93	580.06	579.91	580.02	579.98	580.00	580.05	580.09	579.99	31 0700	580.39	8 0100 579.59
1	10FEB	74	579.75	580.05	580.21	580.19	580.10	580.17	580.18	580.11	580.10	580.07				
11	20FEB	74	579.98	580.06	580.07	580.01	580.05	580.07	579.93	580.03	580.06	579.94				
21	28FEB	74	580.06	580.01	580.13	580.02	580.06	580.10	580.03	580.13	580.17		22 0300	580.41	1 0600	579.54
1	10MAR	74	579.99	580.14	580.27	580.11	580.09	580.06	580.09	580.29	580.36	580.19				
11	20MAR	74	580.22	580.29	580.21	580.17	580.30	580.30	580.07	580.03	580.02	580.12				
21	31MAR	74	580.17	580.19	580.06	580.07	580.00	580.09	580.13	580.04	580.19	580.45	580.46	580.19	8 2300	580.77 27 0400 579.79
1	10APR	74	580.28	580.35	580.36	580.49	580.20	580.23	580.27	580.35	580.34	580.22				
11	20APR	74	580.40	580.74	580.55	580.68	580.44	580.40	580.43	580.55	580.63	580.62				
21	30APR	74	580.48	580.67	580.54	580.47	580.52	580.54	580.61	580.70	580.63	580.66	580.69	14 1300	581.16	1 0700 579.87
1	10MAY	74	580.57	580.74	580.65	580.55	580.77	580.63	580.54	580.71	580.69	580.65				
11	20MAY	74	580.87	580.77	580.50	580.87	580.73	580.89	580.93	580.86	580.99	581.00				
21	31MAY	74	580.81	581.04	580.90	580.87	580.88	580.84	580.88	580.93	580.99	580.96	580.94	581.02	16 2400	581.40 13 1200 580.24
1	10JUNE	74	580.85	580.94	580.95	580.95	580.99	581.14	581.21	581.14	581.23	581.28				
11	20JUNE	74	581.02	581.07	581.12	581.21	581.29	581.17	581.19	581.20	581.25	581.19				
21	30JUNE	74	581.14	581.23	581.14	581.19	581.16	581.17	581.16	581.17	581.20	581.16	581.12	21 1300	581.73	1 0200 580.66
1	10JULY	74	581.15	581.25	581.27	581.38	581.17	581.26	581.25	581.29	581.28	581.32				
11	20JULY	74	581.33	581.26	581.29	581.19	581.21	581.20	581.26	581.19	581.27					
21	31JULY	74	581.21	581.21	581.25	581.22	581.19	581.18	581.12	581.06	581.09	581.01	580.96	4 1100	581.69	31 1700 580.87
1	10AUG	74	581.03	581.07	581.22	581.13	581.01	581.05	581.10	581.09	581.08	581.14				
11	20AUG	74	581.28	581.05	580.95	580.97	581.02	581.06	580.95	580.93	581.04	581.03				
21	31AUG	74	580.99	580.99	581.02	580.91	580.84	580.86	580.91	580.85	580.84	580.83	580.75	580.65	11 2000	581.40 31 1700 580.36
1	10SEPT	74	580.68	580.69	580.69	580.60	580.64	580.68	580.68	580.64	580.73	580.84				
11	20SEPT	74	580.72	580.73	580.71	580.50	580.44	580.47	580.49	580.59	580.52	580.51				
21	30SEPT	74	580.56	580.50	580.42	580.45	580.39	580.29	580.43	580.50	580.52	580.40	580.35	10 0900	580.96	25 1600 580.14
1	10OCT	74	580.39	580.35	580.30	580.35	580.38	580.46	580.18	580.35	580.34	580.22				
11	20OCT	74	580.34	580.24	580.38	580.43	580.09	580.27	580.06	580.18	580.19	580.23				
21	31OCT	74	580.22	580.06	579.89	580.14	580.14	579.97	580.01	580.12	580.18	580.12	580.26	580.20	6 1800	580.75 22 1400 579.71
1	10NOV	74	580.21	580.34	580.21	580.07	580.21	580.10	580.06	580.05	580.12	580.11				
11	20NOV	74	580.40	580.10	580.01	580.01	579.86	579.80	579.99	579.92	580.14	580.10				
21	30NOV	74	580.07	579.79	580.00	580.06	580.08	579.98	579.97	580.11	580.16	580.02	580.03	11 1200	580.62	16 0800 579.61
1	10DEC	74	580.21	580.05	579.80	579.89	579.79	579.86	579.89	579.93	579.81	579.71				
11	20DEC	74	579.85	579.91	579.87	579.95	580.12	580.32	579.95	579.75	579.90	579.91				
21	31DEC	74	579.85	579.88	579.81	579.86	579.72	579.83	579.70	579.54	579.71	579.60	579.68	579.67	16 0200	580.55 27 0600 579.38

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

ANNUAL SUMMARY OF LEVELS
HOLLAND, MI. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.33 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.04 JULY 1974
DAILY MEAN ELEVATION 581.20 11 JULY 1974
INSTANT/HOURLY ELEVATION 581.50 1500 22 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.14	21	JAN	1974
580.44	22	FEB	1974
580.46	30	MAR	1974
580.62	14	APR	1974
580.92	19	MAY	1974
581.20	21	JUNE	1974
581.20	11	JULY	1974
581.05	3	AUG	1974
580.73	13	SEPT	1974
580.43	1	OCT	1974
580.18	11	NOV	1974
580.20	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.74 DEC 1974
DAILY MEAN ELEVATION 579.38 26 DEC 1974
INSTANT/HOURLY ELEVATION 579.10 0720 29 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.61	8	JAN	1974
579.67	1	FEB	1974
579.73	25	MAR	1974
580.04	6	APR	1974
580.42	13	MAY	1974
580.74	1	JUNE	1974
580.83	28	JULY	1974
580.52	31	AUG	1974
580.06	24	SEPT	1974
579.68	22	OCT	1974
579.63	16	NOV	1974
579.38	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20						1	2						3
581.00						14	20	2					39
580.80					9	12	9	13					82
580.60				1	16	3		10	7				119
580.40		1	1	13	6			2	15	1			158
580.20			4	11					6	7		1	187
580.00	5	11	14	5					2	13	7	3	247
579.80	15	14	11							8	16	6	317
579.60	11	2	1							2	7	12	352
579.40												8	360
579.20												1	361

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

DAILY WATER LEVELS
HOLLAND, MI. ON LAKE MICHIGAN

MONTHLY MEANS													HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME	ELEV.		
1	10JAN	74	579.98	579.77	579.84	579.66	579.69	579.73	579.69	579.61	579.94	579.88							
11	20JAN	74	580.00	579.84	579.64	579.67	579.75	579.84	579.94	580.04	579.78	580.03							
21	31JAN	74	579.85	580.14	579.92	579.99	579.80	579.77	579.91	580.04	579.92	579.81	579.80	579.92	31	0830	580.57	8 0615	579.33
1	10FEB	74	579.67	579.94	580.08	580.14	580.00	580.11	580.02	580.04	580.01	580.02							
11	20FEB	74	579.82	579.97	580.12	579.89	579.88	579.93	579.82	579.83	580.04	579.75							
21	28FEB	74	579.97	579.93	580.44	579.95	580.03	579.96	579.82	579.90	579.99		22	1100	581.01	1 0500	579.53		
1	10MAR	74	579.84	580.02	579.99	579.95	579.88	579.86	580.09	580.11	580.33	580.08							
11	20MAR	74	580.06	580.31	580.14	580.00	580.16	580.28	579.99	579.84	580.00	579.95							
21	31MAR	74	580.05	580.13	579.98	580.03	579.93	579.73	580.04	579.90	580.06	580.30	580.46	580.06	9	1520	580.79	25 1208	579.29
1	10APR	74	580.19	580.23	580.29	580.49	580.19	580.04	580.33	580.33	580.19	580.12							
11	20APR	74	580.26	580.50	580.35	580.62	580.36	580.25	580.27	580.57	580.51	580.46							
21	30APR	74	580.37	580.42	580.38	580.49	580.45	580.39	580.52	580.50	580.43	580.54	580.56		14	1840	581.00	6 1550	579.80
1	10MAY	74	580.49	580.61	580.58	580.45	580.67	580.62	580.42	580.65	580.60	580.52							
11	20MAY	74	580.68	580.67	580.42	580.74	580.64	580.75	580.90	580.81	580.92	580.91							
21	31MAY	74	580.70	580.84	580.76	580.71	580.72	580.71	580.79	580.77	580.81	580.88	580.88	580.90	17	0206	581.39	13 1500	580.08
1	10JUNE	74	580.74	580.83	580.77	580.76	580.83	580.93	580.99	580.97	581.02	581.08							
11	20JUNE	74	580.88	580.90	580.97	581.04	581.11	581.03	580.97	580.92	581.03	581.04							
21	30JUNE	74	580.99	581.20	581.19	581.18	581.08	581.10	581.06	581.05	581.07	580.96	580.98		22	1500	581.50	3 1835	580.58
1	10JULY	74	580.92	580.99	581.04	581.12	580.96	581.05	581.09	581.10	581.07	581.20							
11	20JULY	74	581.20	581.08	581.08	581.11	581.09	581.06	580.99	581.08	581.10	581.19							
21	31JULY	74	581.04	581.06	581.15	581.11	581.02	581.04	581.00	580.93	580.83	580.95	580.88	580.91	10	1715	581.38	28 1825	580.66
1	10AUG	74		580.96	581.05	581.03	580.90	580.93	580.96	580.96									
11	20AUG	74		580.77	580.89	580.86	580.84	580.87	580.78	580.76	580.89	580.83							
21	31AUG	74	580.81	580.74	580.83	580.84	580.68	580.67	580.61	580.72	580.66	580.67	580.57	580.52	3	0200	581.16	31 1900	580.29
1	10SEPT	74	580.63	580.60	580.65	580.52	580.54	580.61	580.54	580.45	580.55	580.68							
11	20SEPT	74	580.49	580.66	580.73	580.34	580.41	580.42	580.41	580.45	580.44	580.43							
21	30SEPT	74	580.46	580.47	580.39	580.31	580.06	580.18	580.25	580.32	580.42	580.43	580.35		13	0545	581.06	24 2030	579.89
1	10OCT	74	580.43	580.27	580.14	580.17	580.22	580.30	580.09	580.18	580.29	580.02							
11	20OCT	74	580.12	580.30	580.25	580.37	579.99	580.12	580.10	580.08	580.12	580.14							
21	31OCT	74	580.09	579.78	579.68	580.04	579.97	579.89	579.86	579.94	579.98	579.94	580.06	579.93	6	1645	580.71	22 1105	579.38
1	10NOV	74	579.98	580.16	580.10	579.92	580.11	579.95	579.87	579.90	579.94	579.96							
11	20NOV	74	580.18	580.11	579.92	579.90	579.76	579.63	579.78	579.69	579.89	579.96							
21	30NOV	74	579.92	579.75	579.77	579.83	580.11	579.93	579.75	579.95	580.04	579.90	579.96		3	1455	580.37	16 0840	579.39
1	10DEC	74	580.20	580.14	579.85	579.77	579.66	579.67	579.80	580.02	579.79	579.58							
11	20DEC	74	579.72	579.78	579.78	579.84	579.97	580.19	579.87	579.59	579.86	579.77							
21	31DEC	74	579.74	579.78	579.57	579.68	579.60	579.72	579.38	579.40	579.44	579.47	579.56	579.52	16	0530	580.38	29 0720	579.10

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

11006

ANNUAL SUMMARY OF LEVELS
CALUMET HARBOR, ILL. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.42 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.09 JULY 1974
DAILY MEAN ELEVATION 581.57 22 JUNE 1974
INSTANT/HOURLY ELEVATION 582.22 1000 22 FEB 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.22	20	JAN	1974
581.15	22	FEB	1974
580.75	12	MAR	1974
580.83	8	APR	1974
581.12	19	MAY	1974
581.57	22	JUNE	1974
581.38	20	JULY	1974
581.13	9	AUG	1974
580.92	3	SEPT	1974
580.64	1	OCT	1974
580.47	30	NOV	1974
581.12	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.83 DEC 1974
DAILY MEAN ELEVATION 579.14 26 DEC 1974
INSTANT/HOURLY ELEVATION 578.33 0200 16 JAN 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.42	14	JAN	1974
579.76	27	FEB	1974
579.49	25	MAR	1974
580.10	6	APR	1974
580.53	4	MAY	1974
580.85	4	JUNE	1974
580.87	2	JULY	1974
580.55	26	AUG	1974
579.76	24	SEPT	1974
579.51	22	OCT	1974
579.38	15	NOV	1974
579.14	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.60						2							0
581.40						5	6						2
581.20						11	7	18					13
581.00		1			5	12	6	3				1	56
580.80				1	9	11	18	3					105
580.60		1	1	7	13		4	9	1			1	142
580.40		1	4	11	4		3	11	3	2		1	182
580.20	3	9	9	10				4	7	4		1	229
580.00	5	5	10	1					2	15	11	3	281
579.80	12	4	5							3	6	8	319
579.60	9	1	1						1	1	5	9	346
579.40	2		1							1	1	4	355
579.20											1	2	358
579.00												1	359

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

DAILY WATER LEVELS
CALUMET HARBOR, ILL. ON LAKE MICHIGAN

		MONTHLY MEANS												HIGH DAY TIME		INSTANT/HOURLY ELEV.		LOW DAY TIME	
DAY	MONTH																		
1	10JAN	74		580.01	579.86	579.92	579.71	579.71	579.71	579.63	579.85	580.20	580.22						
11	20JAN	74		580.16	579.95	579.60	579.42	579.69	579.86	580.10	580.15	579.96	580.22						
21	31JAN	74	579.88	580.01	579.96	579.93	579.74	579.71	579.91	579.86	579.95	579.72	579.59	579.93	16 0800	580.79	16 0200 578.33		
1	10FEB	74		580.11	580.33	580.27	580.31	580.30	580.63	580.34	580.15	580.18							
11	20FEB	74							579.86	579.92	580.00	580.39	580.01						
21	28FEB	74	580.21	580.28	581.15	580.31	580.46	580.20	579.80	579.76	579.91			22 1000	582.22	26 2400	579.30		
1	10MAR	74		580.03	580.07	579.75	580.13	579.82	579.86	580.32	580.39	580.45	580.35						
11	20MAR	74		580.33	580.75	580.43	580.15	580.23	580.38	580.14	579.91	580.23	580.18						
21	31MAR	74	580.17	580.14	579.88	580.12	579.99	579.49	580.03	580.11	580.39	580.52	580.56	580.24	4 1600	581.34	25 1200 578.83		
1	10APR	74		580.31	580.25	580.46	580.51	580.40	580.10	580.61	580.83	580.37	580.23						
11	20APR	74		580.40	580.51	580.39	580.54	580.46	580.34	580.28	580.71	580.75	580.56						
21	30APR	74	580.46	580.24	580.31	580.69	580.63	580.37	580.62	580.53	580.41	580.50	580.64		7 2400	581.15	1 1300 579.67		
1	10MAY	74		580.57	580.73	580.63	580.53	580.71	580.83	580.60	580.94	580.77	580.66						
11	20MAY	74		580.66	580.61	580.59	580.62	580.58	580.94	580.83	581.01	581.12	581.03						
21	31MAY	74	580.79	580.90	580.77	580.70	580.76	580.76	580.87	580.87	580.86	580.96	581.03	581.00	16 1700	581.75	13 1700 580.08		
1	10JUNE	74		580.86	580.95	580.85	580.85	580.89	580.89	580.96	581.00	580.93	580.92						
11	20JUNE	74		580.86	580.89	581.01	581.04	581.11	581.12	581.04	581.10	581.18	581.14						
21	30JUNE	74	581.07	581.16	581.57	581.55	581.33	581.29	581.21	581.21	581.24	581.02	581.03		21 0600	582.07	21 0500 579.50		
1	10JULY	74		580.94	580.87	581.06	581.06	581.00	581.10	581.12	581.10	581.08	581.31						
11	20JULY	74		581.07	581.16	581.12	581.12	581.20	581.16	580.98	581.00	581.13	581.38						
21	31JULY	74	581.09	581.20	581.21	581.29	581.15	581.11	581.06	580.99	580.89	581.03	580.95	580.94	14 2400	581.74	11 1700 578.88		
1	10AUG	74		580.97	580.98	580.97	580.91	580.93	580.95	581.05	581.06	581.13	581.08						
11	20AUG	74		580.99	580.78	580.98	581.08	580.93	581.00	580.91	580.82	580.92	580.86						
21	31AUG	74	580.89	580.75	580.80	580.97	580.90	580.79	580.55	580.85	580.88	580.79	580.59	580.58	14 1500	581.45	26 0600 580.25		
1	10SEPT	74		580.87	580.89	580.92	580.76	580.72	580.75	580.64	580.51	580.57	580.68						
11	20SEPT	74		580.44	580.64	580.76	580.28	580.25	580.44	580.45	580.54	580.43	580.53						
21	30SEPT	74	580.51	580.60	580.67	580.37	579.76	580.07	580.09	580.22	580.43	580.59	580.56		29 0100	581.59	24 1900 579.43		
1	10OCT	74		580.64	580.54	580.16	579.98	580.04	580.13	580.25	580.11	580.37	580.10						
11	20OCT	74		580.12	580.51	580.47	580.28	580.11	580.04	580.20	580.31	580.35	580.37						
21	31OCT	74	580.14	579.67	579.51	580.14	580.07	580.03	579.89	580.03	580.06	580.02	580.05	579.93	1 1500	581.05	21 2400 579.00		
1	10NOV	74		580.04	580.23	580.27	580.13	580.42	580.15	579.99	580.03	580.05	580.09						
11	20NOV	74		580.09	579.97	579.98	579.71	579.38	579.47	579.63	579.69	579.90	580.02						
21	30NOV	74	580.00	580.13	579.79	579.75	580.35	580.27	579.85	579.86	580.08	580.14	580.47		30 2300	580.96	15 0500 579.14		
1	10DEC	74		581.12	580.73	580.25	579.90	579.66	579.70	580.01	580.51	579.88	579.46						
11	20DEC	74		579.71	579.87	579.92	580.02	579.99	580.01	579.81	579.63	579.79	579.85						
21	31DEC	74	579.83	579.89	579.57	579.67	579.72	579.74	579.14	579.26	579.39	579.48	579.65	579.57	1 0400	581.56	10 1500 578.59		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

ANNUAL SUMMARY OF LEVELS
MILWAUKEE, WISCONSIN

YEARLY MEAN ELEVATION 580.42 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.09 JULY 1974
DAILY MEAN ELEVATION 581.29 23 JUNE 1974
INSTANT/HOURLY ELEVATION 582.08 1100 18 JUNE 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.21	20	JAN	1974
580.61	22	FEB	1974
580.52	12	MAR	1974
580.69	14	APR	1974
581.06	19	MAY	1974
581.29	23	JUNE	1974
581.27	11	JULY	1974
581.14	10	AUG	1974
580.77	3	SEPT	1974
580.45	13	OCT	1974
580.31	30	NOV	1974
580.62	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.84 DEC 1974
DAILY MEAN ELEVATION 579.39 26 DEC 1974
INSTANT/HOURLY ELEVATION 579.03 0200 24 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.60	7	JAN	1974
579.86	11	FEB	1974
579.84	25	MAR	1974
580.20	6	APR	1974
580.55	7	MAY	1974
580.82	1	JUNE	1974
580.88	28	JULY	1974
580.57	31	AUG	1974
580.12	25	SEPT	1974
579.94	25	OCT	1974
579.50	15	NOV	1974
579.39	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20						3	4						7
581.00					3	20	21	6					57
580.80					12	7	6	19					101
580.60		1		9	12			5	11		1		140
580.40		1	4	11	4			1	12	4			177
580.20	1	7	9	10					5	12	3	2	226
580.00	8	12	11						2	12	16	3	290
579.80	14	7	7							2	7	12	339
579.60	8										3	7	357
579.40											1	5	363
579.20												1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

DAILY WATER LEVELS

MILWAUKEE, WISCONSIN

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10JAN	74		579.87	579.78	579.88	579.66	579.72	579.74	579.60	579.82	580.00	580.04						
11	20JAN	74		580.03	579.85	579.75	579.65	579.74	579.90	580.16	580.16	579.99	580.21						
21	31JAN	74	579.90	580.10	579.98	579.94	579.82	579.88	580.01	579.92	580.00	579.92	579.87	579.85	20 0800	580.46	16 0300 579.14		
1	10FEB	74		579.89	580.20	580.25	580.30	580.38	580.48	580.21	580.07	580.05	579.97						
11	20FEB	74		579.86	580.05	580.20	580.13	580.05	579.96	579.94	580.04	580.09	579.91						
21	28FEB	74	580.12	580.19	580.61	580.13	580.24	580.09	579.96	580.07	580.01			22 0700	581.35	1 0800 579.55			
1	10MAR	74		579.98	580.11	580.07	579.97	579.93	579.97	580.19	580.34	580.35	580.24						
11	20MAR	74		580.31	580.52	580.32	580.20	580.31	580.34	580.06	579.97	580.12	580.15						
21	31MAR	74	580.16	580.09	580.01	580.03	579.91	579.84	580.08	580.04	580.41	580.49	580.48	580.20	12 1500	580.87	25 1000 579.54		
1	10APR	74		580.40	580.34	580.39	580.51	580.26	580.20	580.48	580.53	580.32	580.24						
11	20APR	74		580.51	580.68	580.45	580.69	580.39	580.37	580.37	580.67	580.67	580.64						
21	30APR	74	580.49	580.57	580.37	580.53	580.54	580.54	580.63	580.64	580.54	580.61	580.63		14 1800	581.22	3 0700 579.95		
1	10MAY	74		580.55	580.74	580.64	580.58	580.75	580.66	580.55	580.83	580.70	580.67						
11	20MAY	74		580.84	580.65	580.56	580.79	580.74	580.95	580.80	580.94	581.06	581.02						
21	31MAY	74	580.79	580.97	580.84	580.74	580.74	580.76	580.84	580.90	580.95	580.92	580.96	581.00	16 1800	581.38	13 1300 580.16		
1	10JUNE	74		580.82	580.94	580.92	580.88	580.95	581.09	581.10	581.03	581.16	581.02						
11	20JUNE	74		580.87	580.92	581.01	581.08	581.10	581.04	581.09	581.15	581.19	581.04						
21	30JUNE	74	581.07	581.15	581.25	581.29	581.19	581.20	581.16	581.18	581.19	581.11	581.05		18 1100	582.08	20 2400 580.35		
1	10JULY	74		581.01	581.05	581.11	581.10	580.98	581.10	581.14	581.15	581.10	581.23						
11	20JULY	74		581.27	581.14	581.14	581.16	581.09	581.17	581.08	581.09	581.06	581.23						
21	31JULY	74	581.09	581.18	581.22	581.17	581.12	581.12	581.07	580.99	580.88	580.94	580.89	580.90	3 2400	581.55	28 0400 580.76		
1	10AUG	74		580.98	581.00	581.06	580.96	580.90	580.94	581.00	580.99	581.05	581.14						
11	20AUG	74		581.11	580.84	580.90	580.98	580.97	580.95	580.81	580.85	580.97	580.92						
21	31AUG	74	580.89	580.81	580.84	580.82	580.82	580.81	580.70	580.77	580.77	580.76	580.63	580.57	11 0300	581.34	31 0900 580.30		
1	10SEPT	74		580.71	580.75	580.77	580.66	580.70	580.74	580.70	580.55	580.65	580.75						
11	20SEPT	74		580.55	580.67	580.68	580.32	580.32	580.43	580.41	580.50	580.44	580.50						
21	30SEPT	74	580.51	580.50	580.52	580.43	580.12	580.12	580.25	580.31	580.42	580.40	580.33		3 1300	580.97	25 0100 579.87		
1	10OCT	74		580.45	580.44	580.29	580.28	580.26	580.26	580.10	580.23	580.27	580.12						
11	20OCT	74		580.24	580.40	580.45	580.29	580.07	580.16	580.13	580.24	580.22	580.35						
21	31OCT	74	580.21	580.20		580.17	580.07	579.94	579.96	580.11	580.13	580.14	580.18	580.09	6 1700	580.83	25 1900 579.75		
1	10NOV	74		580.08	580.24	580.18	580.06	580.28	580.06	580.00	580.04	580.03	580.14						
11	20NOV	74		580.17	579.95	579.92	579.78	579.50	579.70	579.81	579.79	580.00	579.88						
21	30NOV	74	580.00	579.88	579.94	580.01	580.17	580.06	579.99	580.04	580.02	580.09	580.31		30 2300	580.52	15 1000 579.39		
1	10DEC	74		580.62	580.31	579.99	579.89	579.79	579.88	579.96	580.12	579.81	579.62						
11	20DEC	74		579.82	579.92	579.95	580.06	580.30	580.15	579.81	579.65	579.85	579.86						
21	31DEC	74	579.84	579.90	579.73	579.67	579.60	579.71	579.39	579.43	579.53	579.50	579.57	579.58	1 0300	580.77	24 0200 579.03		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

110000

ANNUAL SUMMARY OF LEVELS
STURGEON BAY CANAL, WISC. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.35 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.06 JULY 1974
DAILY MEAN ELEVATION 581.19 4 JULY 1974
INSTANT/HOURLY ELEVATION 581.48 0500 4 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.12	20	JAN	1974
580.22	3	FEB	1974
580.44	29	MAR	1974
580.69	12	APR	1974
580.92	20	MAY	1974
581.19	23	JUNE	1974
581.19	4	JULY	1974
581.16	11	AUG	1974
580.85	10	SEPT	1974
580.33	13	OCT	1974
580.22	11	NOV	1974
580.39	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.77 DEC 1974
DAILY MEAN ELEVATION 579.40 27 DEC 1974
INSTANT/HOURLY ELEVATION 579.19 2300 26 DEC 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.51	7	JAN	1974
579.67	1	FEB	1974
579.83	24	MAR	1974
580.07	5	APR	1974
580.39	13	MAY	1974
580.75	1	JUNE	1974
580.89	28	JULY	1974
580.49	31	AUG	1974
580.06	25	SEPT	1974
579.68	22	OCT	1974
579.47	15	NOV	1974
579.40	27	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.20													0
581.00						15	25	5					45
580.80					7	9	6	18	1				86
580.60				2	18	1		7	9				123
580.40			2	14	5			1	7				152
580.20		1	4	10	1				11	11	2	3	195
580.00	6	11	13	4					2	13	9	1	254
579.80	12	15	12							6	14	8	321
579.60	12	1								1	4	12	351
579.40	1										1	7	360

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

DAILY WATER LEVELS
STURGEON RAY CANAL, WISC. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10JAN	74	579.83	579.72	579.78	579.66	579.66	579.70	579.51	579.69	579.94	579.90							
11	20JAN	74	579.88	579.72	579.76	579.71	579.73	579.84	580.12	580.08	579.88	580.12							
21	31JAN	74	579.85	580.10	579.93	579.94	579.78	579.84	579.97	579.96	579.91	580.02	580.01	579.66	16 0400	580.40	31 2300	579.26	
1	10FEB	74	579.67	580.11	580.22	580.14	580.09	580.08	580.04	579.98	579.98	579.85							
11	20FEB	74	579.86	579.96	579.88	579.96	579.99	579.90	579.82	580.03	579.91	579.91							
21	28FEB	74	579.97	580.02	579.91	579.93	579.96	580.00	580.01	580.03	580.01			2 2400	580.31	1 0900	579.35		
1	10MAR	74	579.93	580.11	580.17	579.93	579.98	580.04	579.89	580.30	580.29	580.02							
11	20MAR	74	580.12	580.20	580.16	580.16	580.20	580.17	579.99	579.98	579.96	580.05							
21	31MAR	74	580.08	580.07	579.98	579.87	579.83	579.99	579.92	580.00	580.19	580.44	580.42	580.09	8 2100	580.74	4 1400	579.35	
1	10APR	74	580.22	580.27	580.30	580.44	580.07	580.15	580.10	580.30	580.23	580.14							
11	20APR	74	580.36	580.69	580.46	580.57	580.30	580.32	580.36	580.42	580.52	580.53							
21	30APR	74	580.39	580.57	580.40	580.35	580.50	580.50	580.50	580.61	580.53	580.55	580.57		12 1400	580.90	1 0200	579.91	
1	10MAY	74	580.42	580.62	580.51	580.46	580.61	580.48	580.43	580.67	580.62	580.60							
11	20MAY	74	580.82	580.64	580.39	580.77	580.67	580.66	580.75	580.68	580.87	580.92							
21	31MAY	74	580.69	580.86	580.76	580.72	580.73	580.73	580.74	580.82	580.89	580.79	580.77	580.88	16 2100	581.22	16 1400	580.13	
1	10JUNE	74	580.75	580.85	580.81	580.85	580.85	580.98	580.96	580.93	581.08	581.10							
11	20JUNE	74	580.87	580.85						581.08	581.10	581.02							
21	30JUNE	74	581.00	581.08	581.02	581.19	581.06	581.07	581.06	581.09	581.12	581.10	581.05		9 2300	581.47	1 1000	580.58	
1	10JULY	74	581.06	580.99	581.16	581.19	581.02	581.09	581.09	581.11	581.10	581.12							
11	20JULY	74	581.16	581.10	581.15	581.08	581.00	581.08	581.07	581.08	580.99	581.16							
21	31JULY	74	581.06	581.08	581.10	581.06	581.06	581.12	581.06	581.00	580.89	580.94	580.93	580.93	4 0500	581.48	2 0300	580.64	
1	10AUG	74	581.01	580.97	581.07	580.96	580.94	580.95	580.95	580.96	581.02	581.08							
11	20AUG	74	581.16	580.87	580.84	580.93	580.94	580.90	580.88	580.83	580.90	580.95							
21	31AUG	74	580.88	580.81	580.83	580.78	580.84	580.78	580.71	580.73	580.77	580.74	580.67	580.49	11 1300	581.34	31 0100	580.34	
1	10SEPT	74	580.58	580.66	580.67	580.60	580.57	580.66	580.64	580.56	580.69	580.85							
11	20SEPT	74	580.62	580.63	580.62	580.41	580.24	580.39	580.29	580.46	580.32	580.42							
21	30SEPT	74	580.46	580.36	580.41	580.38	580.16	580.06	580.28	580.34	580.34	580.30	580.24		10 1400	581.00	25 0700	579.90	
1	10OCT	74	580.32	580.33	580.21	580.27	580.27	580.30	580.01	580.22	580.20	580.14							
11	20OCT	74	580.26	580.13	580.33	580.19	579.99	580.20	579.96	580.15	580.16	580.19							
21	31OCT	74	580.12	579.89	579.68	579.99	580.03	579.90	579.93	580.04	580.10	580.08	580.17	580.06	6 1100	580.64	22 1300	579.58	
1	10NOV	74	580.09	580.22	580.12	579.96	580.16	579.98	579.95	579.94	579.95	580.06							
11	20NOV	74	580.22	579.90	579.85	579.77	579.47	579.68	579.79	579.81	580.00	579.88							
21	30NOV	74	579.94	579.73	580.00	579.90	579.96	579.92	579.97	580.00	580.00	579.97	580.11		11 0800	580.35	15 1300	579.27	
1	10DEC	74	580.20	579.98	579.76	579.78	579.69	579.82	579.80	579.82	579.78	579.57							
11	20DEC	74	579.78	579.80	579.90	580.03	580.39	580.21	579.79	579.66	579.85	579.82							
21	31DEC	74	579.77	579.77	579.78	579.68	579.61	579.70	579.50	579.40	579.55	579.44	579.56	579.59	15 1900	580.58	26 2300	579.19	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

110330

ANNUAL SUMMARY OF LEVELS
GREEN BAY, WISC. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.45 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.12 JUNE 1974
DAILY MEAN ELEVATION 581.49 19 JUNE 1974
INSTANT/HOURLY ELEVATION 582.00 2300 10 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1974
		FEB	1974
580.46	29	MAR	1974
580.78	14	APR	1974
580.97	19	MAY	1974
581.49	19	JUNE	1974
581.45	10	JULY	1974
581.13	10	AUG	1974
580.99	10	SEPT	1974
580.51	12	OCT	1974
580.44	30	NOV	1974
581.01	1	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.75 DEC 1974
DAILY MEAN ELEVATION 579.02 26 DEC 1974
INSTANT/HOURLY ELEVATION 578.29 0100 15 NOV 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1974
		FEB	1974
579.96	27	MAR	1974
579.95	5	APR	1974
580.35	13	MAY	1974
580.63	1	JUNE	1974
580.81	28	JULY	1974
580.51	30	AUG	1974
579.57	24	SEPT	1974
579.37	21	OCT	1974
579.02	15	NOV	1974
579.02	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.60													0
581.40						5	1						6
581.20						6	5						17
581.00						9	15	8				1	50
580.80					6	6	10	15	3				90
580.60				4	11	4		6	8			1	124
580.40			1	9	9			2	9	2	1		157
580.20			2	12	1				4	8	2	2	188
580.00				4					3	16	11	2	224
579.80			2	1					2	3	9	5	246
579.60											4	8	258
579.40									1	1	1	8	269
579.20										1	1	3	274
579.00											1	1	276

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

DAILY WATER LEVELS
GREEN BAY, WISC. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANT/HOURLY ELEV. DAY TIME	LOW DAY TIME	ELEV. DAY TIME			
1	10JAN	74																	
11	20JAN	74																	
21	31JAN	74																	
1	10FEB	74																	
11	20FEB	74																	
21	28FEB	74																	
1	10MAR	74																	
11	20MAR	74																	
21	31MAR	74 580.20											579.96	580.25	580.46	580.36	579.98	30 0200 581.38	27 1800 579.52
1	10APR	74	580.30	580.21	580.63	580.32	579.95	580.04	580.23	580.25	580.14	580.03							
11	20APR	74	580.39	580.70	580.35	580.78	580.23	580.16	580.21	580.66	580.49	580.44							
21	30APR	74 580.36	580.29	580.20	580.47	580.41	580.39	580.49	580.54	580.46	580.53	580.50	14 0800 581.46	5 1200 579.47					
1	10MAY	74	580.55	580.47	580.50	580.48	580.78	580.67	580.40	580.65	580.59	580.53							
11	20MAY	74	580.60	580.48	580.35	580.66	580.59	580.61	580.80	580.86	580.97								
21	31MAY	74 580.66			580.71	580.68	580.68	580.72	580.79	580.85	580.84	580.96	5 2200 581.76	3 2400 579.66					
1	10JUNE	74	580.63	580.77	580.71	580.72	580.85	580.87	580.89	580.89	581.37	581.14							
11	20JUNE	74	581.00	581.01	581.17	581.27	581.39	581.37	581.37	581.38	581.49	581.43							
21	30JUNE	74 581.12	581.40	581.48	581.41	581.19	581.12	581.07	581.07	581.10	580.98	580.99	10 1300 581.97	1 2200 580.23					
1	10JULY	74	580.91	581.00	581.17	581.16	580.97	580.97	581.10	581.12	581.08	581.45							
11	20JULY	74	581.29	581.11	581.20	581.15	581.15	581.11	580.98	581.09	581.26	581.30							
21	31JULY	74 581.08	581.15	581.23	581.09	581.07	580.98	581.00	580.95	580.81	580.88	580.85 580.87	10 2300 582.00	2 1300 580.03					
1	10AUG	74	580.94	580.91	581.10	581.08	580.92	580.92	580.97	581.02	581.11	581.13							
11	20AUG	74	581.03	580.66	580.90	581.03	580.93	580.89	580.86	580.86	581.02	580.87							
21	31AUG	74 580.88	580.66	580.86	580.94	580.89	580.76	580.79	580.78	580.80	580.77	580.51 580.55	18 2200 581.97	31 0100 579.59					
1	10SEPT	74	580.63	580.70	580.75	580.54	580.50	580.67	580.64	580.63	580.92	580.99							
11	20SEPT	74	580.55	580.83	580.60	579.99	580.17	580.27	580.37	580.45	580.40	580.45							
21	30SEPT	74 580.45	580.45	580.45	580.18	579.57	579.98	580.25	580.33	580.64	580.41	580.10	10 0300 581.48	24 1100 579.01					
1	10OCT	74	580.43	580.31	580.04	580.20	580.19	580.26	580.00	580.17	580.18	580.04							
11	20OCT	74	580.21	580.51	580.38	580.07	579.90	580.06	580.14	580.20	580.29	580.21							
21	31OCT	74 580.10	579.37	579.54	580.06	580.00	579.86	579.85	580.01	580.12	580.14	580.18 580.13	12 0800 581.29	21 2400 578.74					
1	10NOV	74	580.01	580.26	580.12	580.01	580.36	579.90	579.82	579.84	579.92	580.15							
11	20NOV	74	580.13	579.83	579.65	579.33	579.02	579.64	579.56	579.73	580.01	579.76							
21	30NOV	74 579.91	579.82	579.83	580.04	580.19	580.00	579.85	579.92	580.01	580.17	580.44	30 1800 580.82	15 0100 578.29					
1	10DEC	74	581.01	580.22	580.00	579.63	579.67	579.76	579.97	580.17	579.59	579.29							
11	20DEC	74	579.68	579.84	579.99	579.98	580.62	580.27	579.64	579.51	579.84	579.71							
21	31DEC	74 579.75	579.71	579.78	579.44	579.50	579.53	579.02	579.27	579.22	579.45	579.44 579.41	1 1000 581.34	26 2100 578.41					

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

ANNUAL SUMMARY OF LEVELS
PORT INLAND, MI. ON LAKE MICHIGAN

YEARLY MEAN ELEVATION 580.32 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 581.05 JULY 1974
DAILY MEAN ELEVATION 581.28 11 AUG 1974
INSTANT/HOURLY ELEVATION 581.86 1002 14 JULY 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.15	29	JAN	1974
580.03	27	FEB	1974
580.26	29	MAR	1974
580.69	21	APR	1974
580.87	21	MAY	1974
581.17	29	JUNE	1974
581.18	17	JULY	1974
581.28	11	AUG	1974
580.80	24	SEPT	1974
580.45	5	OCT	1974
580.38	11	NOV	1974
580.18	16	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 579.76 DEC 1974
DAILY MEAN ELEVATION 579.47 3 DEC 1974
INSTANT/HOURLY ELEVATION 578.94 0528 15 JAN 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.56	7	JAN	1974
579.53	22	FEB	1974
579.72	7	MAR	1974
579.89	3	APR	1974
580.28	1	MAY	1974
580.75	3	JUNE	1974
580.83	31	JULY	1974
580.59	31	AUG	1974
580.12	29	SEPT	1974
579.79	17	OCT	1974
579.49	21	NOV	1974
579.47	3	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
581.40													0
581.20								1					1
581.00						11	23	5					40
580.80					5	15	8	19	1				88
580.60				2	15	4		5	5				119
580.40				10	6			1	16	2			154
580.20			2	8	5				6	9			186
580.00	4	2	14	7					2	15	11	2	243
579.80	13	19	12	3						4	12	7	313
579.60	12	5	3							1	4	18	356
579.40	2	2									1	4	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7096

DAILY WATER LEVELS
PORT INLAND, MI. ON LAKE MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74		579.80	579.71	579.79	579.70	579.70	579.73	579.56	579.59	579.83	579.67							
11	20JAN	74		579.65	579.69	579.75	579.91	579.66	579.89	579.90	580.01	579.73	579.93							
21	31JAN	74	579.82	580.02	579.80	579.95	579.83	579.86	579.99	579.93	579.90	580.15	580.09	579.67	16	0352	580.69	15	0528	578.94
1	10FEB	74		579.56	579.83	579.97	579.91	579.83	579.80	579.92	579.88	579.90	579.87							
11	20FEB	74		579.86	579.90	579.70	579.79	579.92	579.95	579.74	579.96	579.86	579.79							
21	28FEB	74	579.85	579.82	579.53	579.80	579.78	579.94	579.96	580.03	580.01				27	0031	580.55	22	0914	579.00
1	10MAR	74		579.84	580.01	580.18	579.91	580.02	580.09	579.72	580.04	580.17	579.86							
11	20MAR	74		580.00	579.95	579.94	580.02	580.11	580.03	579.79	579.96	579.76	580.00							
21	31MAR	74	579.98	580.03	579.89	579.91	579.83	580.18	579.86	579.90	580.03	580.26	580.20	579.91	8	2022	580.94	10	0300	579.41
1	10APR	74		580.06	580.25	579.89	580.29	579.90	580.18	579.91	580.13	580.19	580.12							
11	20APR	74		580.24	580.61	580.44	580.24	580.16	580.33	580.33	580.24	580.40	580.48							
21	30APR	74	580.29	580.69	580.41	580.16	580.31	580.44	580.40	580.53	580.49	580.48	580.46		21	1828	581.11	1	1316	579.50
1	10MAY	74		580.28	580.61	580.38	580.35	580.50	580.33	580.34	580.48	580.49	580.43							
11	20MAY	74		580.85	580.65	580.42	580.78	580.61	580.65	580.69	580.58	580.75	580.80							
21	31MAY	74	580.62	580.87	580.78	580.77	580.67	580.66	580.74	580.78	580.84	580.73	580.72	580.86	21	2102	581.47	1	1000	579.93
1	10JUNE	74		580.75	580.75	580.75	580.83	580.78	580.94	581.02	580.96	580.88	581.14							
11	20JUNE	74		580.85	580.88	580.95	581.01	581.05	581.00	581.01	581.01	581.03	580.95							
21	30JUNE	74	580.94	580.93	580.84	580.97	580.92	580.94	580.96	581.04	581.10	581.17	580.97		10	0515	581.82	30	0225	580.43
1	10JULY	74		581.08	581.11	581.15	581.12	580.96	581.10	581.06	581.10	581.04	581.02							
11	20JULY	74		581.11	581.13	581.11	581.10	580.93	581.11	581.18	581.10	580.89	581.06							
21	31JULY	74	581.05	581.05	581.04	581.00	580.99	581.14	581.15	581.06	580.94	580.94	580.88	580.83	14	1002	581.86	14	0625	580.25
1	10AUG	74		580.95	581.03	581.09	580.89	580.87	580.93	580.92	580.89	580.92	581.05							
11	20AUG	74		581.28	580.99	580.77	580.87	580.99	581.02	580.87	580.89	580.93	581.03							
21	31AUG	74	580.91	580.97	580.93	580.74	580.78	580.93	580.94	580.74	580.79	580.84	580.84	580.59	11	1020	581.63	31	2119	580.20
1	10SEPT	74		580.62	580.68	580.57	580.53	580.54	580.59	580.66	580.56	580.53	580.78							
11	20SEPT	74		580.77	580.50	580.50	580.59	580.25	580.53	580.33	580.59	580.44	580.43							
21	30SEPT	74	580.49	580.25	580.28	580.48	580.80	580.16	580.45	580.47	580.33	580.12	580.29		24	1325	581.31	19	1422	579.48
1	10OCT	74		580.18	580.22	580.40	580.38	580.45	580.32	580.00	580.33	580.17	580.14							
11	20OCT	74		580.39	579.89	580.30	580.24	580.04	580.32	579.79	580.02	580.01	580.03							
21	31OCT	74	580.13	580.27	579.89	580.00	580.15	579.82	579.98	580.10	580.12	580.02	580.13	580.04	6	1230	581.08	17	1055	579.28
1	10NOV	74		580.14	580.22	580.00	579.88	579.99	579.95	580.05	580.01	580.10	580.02							
11	20NOV	74		580.38	579.94	579.89	579.94	579.72	579.73	580.01	579.84	580.05	579.87							
21	30NOV	74	579.95	579.49	580.03	579.93	579.79	579.74	580.03	580.14	579.94	579.80	579.83		11	1529	580.67	21	0811	579.13
1	10DEC	74		579.79	579.70	579.47	579.84	579.73	579.95	579.77	579.49	579.72	579.68							
11	20DEC	74		579.87	579.74	579.76	579.76	580.17	580.18	579.72	579.65	579.77	579.77							
21	31DEC	74	579.76	579.76	579.76	579.92	579.68	579.75	579.91	579.52	579.86	579.50	579.60	579.66	15	2115	580.72	29	1305	579.08

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7096

ANNUAL SUMMARY OF LEVELS
PT. IROQUOIS, BRIMLEY, MI. ON LAKE SUPERIOR (WHITEFISH BAY)

YEARLY MEAN ELEVATION 601.21 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.82 SEPT 1974
DAILY MEAN ELEVATION 602.09 13 SEPT 1974
INSTANT/HOURLY ELEVATION 602.68 1900 14 OCT 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.43	31	JAN	1974
600.89	22	FEB	1974
600.77	7	MAR	1974
600.87	23	APR	1974
601.12	31	MAY	1974
601.51	22	JUNE	1974
601.76	31	JULY	1974
602.05	31	AUG	1974
602.09	13	SEPT	1974
602.01	17	OCT	1974
602.06	15	NOV	1974
601.80	8	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.49 MAR 1974
DAILY MEAN ELEVATION 600.13 12 APR 1974
INSTANT/HOURLY ELEVATION 599.85 0400 3 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.49	17	JAN	1974
600.44	18	FEB	1974
600.16	29	MAR	1974
600.13	12	APR	1974
600.46	11	MAY	1974
600.82	6	JUNE	1974
601.31	2	JULY	1974
601.42	11	AUG	1974
601.57	10	SEPT	1974
601.39	27	OCT	1974
601.37	26	NOV	1974
601.02	15	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.20													0
602.00								1	4	1	1		7
601.80								7	13	6	7	1	41
601.60							11	18	12	15	11	3	111
601.40	1					8	16	5	1	8	10	16	176
601.20	2					13	4			1	1	10	207
601.00	8				7	4						1	227
600.80	6	4		1	17	5							260
600.60	10	20	5	10	5								310
600.40	4	4	19	10	2								349
600.20			6	8									363
600.00			1	1									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

DAILY WATER LEVELS

PT. IROQUOIS, BRIMLEY, MI. ON LAKE SUPERIOR (WHITEFISH BAY)

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME		INSTANT/HOURLY ELEV. DAY TIME		LOW DAY TIME	
1	10JAN	74	601.20	601.07	601.05	601.08	601.14	601.05	601.33	600.82	600.95	600.93						
11	20JAN	74	601.06	601.08	600.77	601.01	600.78	600.77	600.49	600.66	600.67	600.58						
21	31JAN	74	600.89	600.97	600.71	600.79	600.84	600.74	600.57	600.94	600.76	600.58	600.74	601.43	31 0900	601.95	18 0200 600.01	
1	10FEB	74	600.80	600.64	600.62	600.64	600.60	600.64	600.65	600.70	600.62	600.81						
11	20FEB	74	600.60	600.67	600.83	600.65	600.49	600.75	600.64	600.44	600.70	600.62						
21	28FEB	74	600.65	600.61	600.89	600.73	600.66	600.65	600.46	600.48	600.67			16 1400	601.15	18 0300 600.09		
1	10MAR	74	600.47	600.36	600.42	600.58	600.48	600.50	600.77	600.29	600.62	600.57						
11	20MAR	74	600.51	600.52	600.49	600.32	600.36	600.58	600.59	600.48	600.66	600.45						
21	31MAR	74	600.49	600.59	600.54	600.74	600.64	600.37	600.55	600.45	600.21	600.16	600.41	600.49	9 2300	601.51	3 0400 599.85	
1	10APR	74	600.23	600.45	600.41	600.68	600.57	600.38	600.58	600.36	600.32	600.35						
11	20APR	74	600.23	600.13	600.48	600.70	600.70	600.52	600.56	600.58	600.41	600.26						
21	30APR	74	600.51	600.36	600.68	600.87	600.61	600.62	600.60	600.50	600.70	600.77	600.76	14 1700	601.05	12 0400 599.95		
1	10MAY	74	600.72	600.49	600.99	600.80	600.83	601.00	600.84	600.79	600.83	600.74						
11	20MAY	74	600.46	600.97	600.89	600.83	600.96	600.77	600.98	600.97	600.88	600.71						
21	31MAY	74	600.88	600.80	600.93	600.97	601.11	601.07	601.03	600.94	600.93	601.07	601.01	601.12	14 1300	601.39	2 0100 599.92	
1	10JUNE	74	601.05	601.02	600.90	600.94	600.91	600.82	600.92	601.07	601.12	601.35						
11	20JUNE	74	601.36	601.34	601.30	601.20	601.39	601.47	601.40	601.32	601.33	601.33						
21	30JUNE	74	601.25	601.46	601.51	601.49	601.44	601.42	601.36	601.28	601.21	601.27	601.43	22 1100	601.76	6 2000 600.64		
1	10JULY	74	601.37	601.31	601.38	601.57	601.51	601.41	601.41	601.43	601.56	601.60						
11	20JULY	74	601.54	601.46	601.50	601.60	601.66	601.52	601.47	601.60	601.67	601.60						
21	31JULY	74	601.53	601.52	601.53	601.60	601.50	601.38	601.45	601.55	601.64	601.70	601.75	601.76	15 0800	601.98	3 1500 600.56	
1	10AUG	74	601.63	601.63	601.69	601.79	601.71	601.65	601.65	601.69	601.61	601.48						
11	20AUG	74	601.42	601.60	601.80	601.66	601.50	601.67	601.71	601.74	601.67	601.51						
21	31AUG	74	601.70	601.60	601.82	601.94	601.79	601.58	601.81	601.95	601.85	601.82	601.73	602.05	31 0800	602.44	21 0400 601.19	
1	10SEPT	74	601.92	601.90	601.88	601.81	601.71	601.67	601.62	601.73	601.78	601.57						
11	20SEPT	74	601.73	601.91	602.09	601.78	602.07	601.82	601.93	601.70	601.90	601.86						
21	30SEPT	74	601.82	602.00	601.86	601.64	601.61	601.94	601.70	601.68	601.90	602.07	601.86	11 2100	602.42	10 2300 601.06		
1	10OCT	74	601.93	601.79	601.51	601.52	601.73	601.88	601.89	601.66	601.78	601.65						
11	20OCT	74	601.59	601.90	601.54	601.87	601.76	601.70	602.01	601.77	601.73	601.67						
21	31OCT	74	601.69	601.53	601.72	601.64	601.64	601.82	601.66	601.39	601.49	601.51	601.59	601.62	14 1900	602.68	11 0200 601.20	
1	10NOV	74	601.48	601.52	601.80	601.72	601.74	601.69	601.59	601.56	601.52	601.57						
11	20NOV	74	601.68	601.83	601.91	601.91	602.06	601.74	601.76	601.72	601.56	601.92						
21	30NOV	74	601.69	601.92	601.58	601.74	601.88	601.71	601.37	601.42	601.61	601.62	601.56	15 2100	602.34	26 1700 601.08		
1	10DEC	74	601.58	601.70	601.72	601.45	601.48	601.36	601.58	601.80	601.46	601.57						
11	20DEC	74	601.46	601.52	601.41	601.26	601.02	601.36	601.60	601.47	601.42	601.38						
21	31DEC	74	601.44	601.37	601.22	601.41	601.43	601.43	601.32	601.40	601.29	601.41	601.34	601.30	8 0800	602.05	23 0200 600.72	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

ANNUAL SUMMARY OF LEVELS
MARQUETTE, MI. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.28 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.90 SEPT 1974
DAILY MEAN ELEVATION 602.03 29 SEPT 1974
INSTANT/HOURLY ELEVATION 602.60 1400 6 OCT 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.04	1	JAN	1974
600.87	22	FEB	1974
600.66	4	MAR	1974
600.77	29	APR	1974
601.10	29	MAY	1974
601.45	23	JUNE	1974
601.76	30	JULY	1974
601.92	28	AUG	1974
602.03	29	SEPT	1974
602.02	1	OCT	1974
601.97	21	NOV	1974
601.85	8	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.53 MAR 1974
DAILY MEAN ELEVATION 600.37 29 MAR 1974
INSTANT/HOURLY ELEVATION 600.06 1200 2 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.72	29	JAN	1974
600.56	26	FEB	1974
600.37	29	MAR	1974
600.41	9	APR	1974
600.69	1	MAY	1974
601.05	3	JUNE	1974
601.45	2	JULY	1974
601.60	25	AUG	1974
601.77	7	SEPT	1974
601.67	21	OCT	1974
601.61	26	NOV	1974
601.38	31	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.20													0
602.00									6	1			7
601.80								8	20	15	17	1	68
601.60							23	23	4	15	13	4	150
601.40						14	8					22	194
601.20						9						4	207
601.00	3				10	7							227
600.80	24	3			19								273
600.60	4	23	8	12	2								322
600.40		2	22	18									364
600.20			1										365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

DAILY WATER LEVELS
MARQUETTE, MI. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS												HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.						
1	10JAN	74		601.04	600.94	600.94	600.96	600.98	600.94	601.02	600.99	600.95	600.97							
11	20JAN	74		601.01	600.87	600.80	600.89	600.89	600.99	600.81	600.81	600.78	600.80							
21	31JAN	74	600.89	600.87	600.89	600.87	600.78	600.84	600.81	600.86	600.79	600.72	600.82	600.95	31	0500	601.54	15	1200	600.14
1	10FEB	74		600.86	600.77	600.76	600.76	600.71	600.73	600.73	600.72	600.69	600.78							
11	20FEB	74		600.67	600.75	600.78	600.68	600.59	600.68	600.69	600.63	600.67	600.67							
21	28FEB	74	600.71	600.70	600.87	600.80	600.70	600.63	600.56	600.61	600.68				22	1300	601.05	26	2000	600.29
1	10MAR	74		600.62	600.53	600.54	600.66	600.60	600.63	600.64	600.57	600.62	600.63							
11	20MAR	74		600.60	600.59	600.53	600.46	600.50	600.58	600.56	600.52	600.59	600.49							
21	31MAR	74	600.53	600.49	600.50	600.48	600.49	600.46	600.48	600.47	600.41	600.37	600.44	600.47	4	1200	601.42	2	1200	600.06
1	10APR	74		600.44	600.46	600.51	600.67	600.53	600.45	600.52	600.45	600.41	600.42							
11	20APR	74		600.42	600.48	600.54	600.66	600.60	600.52	600.51	600.52	600.48	600.43							
21	30APR	74	600.56	600.56	600.62	600.75	600.62	600.64	600.64	600.67	600.72	600.77	600.71		29	1900	601.05	14	0900	600.18
1	10MAY	74		600.69	600.71	600.83	600.80	600.86	600.85	600.81	600.80	600.80	600.80							
11	20MAY	74		600.82	600.89	600.89	600.97	600.91	600.97	600.95	600.98	600.97	600.90							
21	31MAY	74	600.92	600.96	601.03	601.00	601.04	601.03	601.02	601.04	601.04	601.10	601.06	601.09	14	1500	601.51	1	2300	600.28
1	10JUNE	74		601.10	601.08	601.05	601.11	601.12	601.10	601.20	601.18	601.23	601.36							
11	20JUNE	74		601.30	601.28	601.31	601.31	601.43	601.45	601.42	601.39	601.43	601.42							
21	30JUNE	74	601.31	601.42	601.44	601.45	601.41	601.40	601.40	601.42	601.39	601.41	601.40		10	0500	601.75	4	0700	600.73
1	10JULY	74		601.46	601.45	601.52	601.57	601.56	601.56	601.53	601.61	601.60	601.62							
11	20JULY	74		601.63	601.64	601.64	601.61	601.68	601.63	601.65	601.68	601.70	601.72							
21	31JULY	74	601.62	601.65	601.66	601.65	601.62	601.59	601.63	601.60	601.68	601.74	601.76	601.75	4	0600	602.13	2	1000	600.88
1	10AUG	74		601.70	601.78	601.84	601.82	601.78	601.76	601.78	601.80	601.77	601.77							
11	20AUG	74		601.74	601.71	601.75	601.76	601.70	601.64	601.67	601.68	601.64	601.63							
21	31AUG	74	601.75	601.66	601.70	601.78	601.73	601.60	601.68	601.89	601.92	601.87	601.84	601.91	28	0800	602.09	26	1300	601.16
1	10SEPT	74		601.94	601.89	601.83	601.81	601.78	601.78	601.77	601.78	601.87	601.88							
11	20SEPT	74		601.90	602.01	602.01	601.88	601.97	601.89	601.99	601.91	602.00	601.95							
21	30SEPT	74	601.90	602.02	601.95	601.82	601.80	601.90	601.88	601.91	602.01	602.03	601.95		19	0300	602.44	11	0600	601.26
1	10OCT	74		602.02	601.87	601.74	601.78	601.83	601.92	601.89	601.85	601.86	601.81							
11	20OCT	74		601.84	601.93	601.77	601.88	601.80	601.83	601.91	601.82	601.81	601.77							
21	31OCT	74	601.81	601.67	601.72	601.76	601.73	601.76	601.71	601.72	601.72	601.75	601.76	601.77	6	1400	602.60	31	1300	601.41
1	10NOV	74		601.82	601.81	601.77	601.82	601.82	601.76	601.75	601.74	601.70	601.76							
11	20NOV	74		601.88	601.90	601.89	601.84	601.89	601.82	601.79	601.78	601.80	601.95							
21	30NOV	74	601.81	601.97	601.71	601.87	601.94	601.86	601.61	601.69	601.81	601.77	601.71		24	0500	602.28	22	1300	601.22
1	10DEC	74		601.70	601.69	601.73	601.59	601.59	601.53	601.67	601.85	601.56	601.51							
11	20DEC	74		601.50	601.54	601.53	601.47	601.47	601.57	601.55	601.50	601.49	601.49							
21	31DEC	74	601.53	601.47	601.38	601.42	601.56	601.59	601.44	601.39	601.39	601.45	601.40	601.38	8	0600	602.07	28	1400	601.05

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

ANNUAL SUMMARY OF LEVELS
ONTONAGON, MI. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.25 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.81 AUG 1974
DAILY MEAN ELEVATION 601.93 21 AUG 1974
INSTANT/HOURLY ELEVATION 602.63 0945 11 SEPT 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.03	1	JAN	1974
600.83	3	FEB	1974
600.62	8	MAR	1974
600.73	27	APR	1974
600.97	28	MAY	1974
601.50	29	JUNE	1974
601.72	25	JULY	1974
601.93	21	AUG	1974
601.86	17	SEPT	1974
601.88	10	OCT	1974
601.88	1	NOV	1974
601.69	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.45 MAR 1974
DAILY MEAN ELEVATION 600.28 24 MAR 1974
INSTANT/HOURLY ELEVATION 600.23 1200 23 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.76	14	JAN	1974
600.48	23	FEB	1974
600.28	24	MAR	1974
600.33	5	APR	1974
600.68	3	MAY	1974
601.02	1	JUNE	1974
601.49	1	JULY	1974
601.65	4	AUG	1974
601.72	29	SEPT	1974
601.62	26	OCT	1974
601.68	25	NOV	1974
601.32	30	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.00													0
601.80								19	10	8	9		46
601.60							28	12	20	23	21	9	159
601.40						16	3					16	194
601.20						10						6	210
601.00	3					4							217
600.80	24	1			19								261
600.60	3	19	2	10	12								307
600.40		8	20	12									347
600.20			9	8									364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

DAILY WATER LEVELS
ONTONAGON, MI. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74		601.03	600.97	600.96	600.97	600.94	600.96	601.01	601.01	600.96	600.95							
11	20JAN	74		600.92	600.82		600.76	600.91	600.90	600.92	600.84	600.83	600.87							
21	31JAN	74	600.89	600.83	600.86	600.83	600.82	600.88	600.88	600.80	600.79	600.84	600.83	600.78	1	0500	601.06	14	1600	600.68
1	10FEB	74		600.78	600.79	600.83	600.78	600.76	600.70	600.65	600.65	600.63	600.63							
11	20FEB	74		600.63	600.66	600.61	600.59	600.62	600.61	600.60	600.68	600.60	600.58							
21	28FEB	74	600.63	600.59	600.53	600.48	600.51	600.50	600.57	600.60	600.61			3	1600	600.86	23	1300	600.47	
1	10MAR	74		600.57	600.59	600.60	600.48	600.51	600.54	600.46	600.62	600.53	600.46							
11	20MAR	74		600.53	600.56	600.49	600.49	600.50	600.49	600.42	600.42	600.40	600.42							
21	31MAR	74	600.45	600.38	600.38	600.28	600.28	600.37	600.33	600.33	600.42	600.44	600.37	600.33	3	0500	600.73	23	1200	600.23
1	10APR	74		600.42	600.37	600.42	600.38	600.33	600.39	600.38	600.35	600.38	600.37							
11	20APR	74		600.54	600.64	600.53	600.54	600.47	600.46	600.48	600.50	600.50	600.56							
21	30APR	74	600.52	600.60	600.59	600.63	600.61	600.63	600.68	600.73	600.71	600.67	600.67	28	0400	600.77	10	2400	600.29	
1	10MAY	74		600.73	600.75	600.68	600.73	600.77	600.71	600.73	600.76	600.74	600.77							
11	20MAY	74		600.89	600.79	600.78	600.89	600.80	600.89	600.82	600.86	600.92	600.97							
21	31MAY	74	600.84	600.93	600.89	600.88	600.87	600.88	600.91	600.96	600.97	600.94	600.96	600.92	20	1500	601.04	3	1600	600.63
1	10JUNE	74		601.02	601.14	601.17	601.16	601.22	601.28	601.27	601.22	601.32	601.31							
11	20JUNE	74		601.27	601.31	601.36	601.40	601.40	601.36	601.42	601.47	601.47	601.47							
21	30JUNE	74	601.35	601.47	601.43	601.42	601.42	601.44	601.44	601.45	601.46	601.50	601.44	29	2000	601.53	1	1000	600.91	
1	10JULY	74		601.49	601.56	601.61	601.58	601.61	601.65	601.69	601.68	601.71	601.71							
11	20JULY	74		601.68	601.68	601.65	601.63	601.66	601.65	601.71	601.70	601.71	601.69							
21	31JULY	74	601.67	601.69	601.67	601.68	601.71	601.72	601.69	601.66	601.68	601.70	601.71	601.71	17	2000	601.78	1	0800	601.43
1	10AUG	74		601.70	601.74	601.70	601.65	601.69	601.72	601.74	601.76	601.77	601.79							
11	20AUG	74		601.81	601.75	601.76	601.80	601.86	601.82	601.81	601.82	601.86	601.89							
21	31AUG	74	601.81	601.93	601.87	601.86	601.87	601.86	601.86	601.88	601.90	601.86	601.92	601.86	26	1500	602.16	26	0200	601.47
1	10SEPT	74		601.86	601.81	601.75	601.77	601.80	601.79	601.77	601.72	601.73	601.79							
11	20SEPT	74		601.76	601.81	601.75	601.81	601.79	601.77	601.86	601.81	601.79	601.81							
21	30SEPT	74	601.78	601.77	601.73	601.78	601.77	601.75	601.82	601.80	601.75	601.72	601.79	11	0945	602.63	11	2035	601.16	
1	10OCT	74		601.77	601.82	601.81	601.86	601.78	601.82	601.78	601.82	601.72	601.88							
11	20OCT	74		601.81	601.74	601.76	601.77	601.75	601.80	601.77	601.76	601.73	601.69							
21	31OCT	74	601.75	601.67	601.67	601.69	601.64	601.64	601.62	601.75	601.70	601.75	601.72	601.74	16	1845	602.31	25	1130	601.12
1	10NOV	74		601.88	601.76	601.69	601.76	601.72	601.69	601.70	601.74	601.70	601.78							
11	20NOV	74		601.77	601.80	601.81	601.80	601.78	601.82	601.70	601.76	601.83	601.81							
21	30NOV	74	601.76	601.78	601.81	601.81	601.71	601.68	601.73	601.72	601.76	601.71	601.70	1	0635	602.38	15	1225	601.23	
1	10DEC	74		601.68	601.66	601.64	601.60	601.66	601.62	601.64	601.56	601.52	601.54							
11	20DEC	74		601.56	601.56	601.59	601.60	601.69	601.52	601.45	601.47	601.51	601.52							
21	31DEC	74	601.52	601.46	601.51	601.45	601.53	601.43	601.38	601.39	601.33	601.38	601.32	601.34	5	2000	601.81	28	2300	601.17

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

ANNUAL SUMMARY OF LEVELS
DULUTH MINN. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.34 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.86 AUG 1974
DAILY MEAN ELEVATION 602.37 1 NOV 1974
INSTANT/HOURLY ELEVATION 602.77 0400 1 NOV 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.22	17	JAN	1974
601.07	3	FEB	1974
601.07	8	MAR	1974
600.94	27	APR	1974
601.32	19	MAY	1974
601.57	28	JUNE	1974
601.85	10	JULY	1974
602.08	10	AUG	1974
602.03	10	SEPT	1974
602.00	10	OCT	1974
602.37	1	NOV	1974
602.00	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.63 MAR 1974
DAILY MEAN ELEVATION 600.29 23 MAR 1974
INSTANT/HOURLY ELEVATION 599.89 1800 3 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.47	31	JAN	1974
600.59	10	FEB	1974
600.29	23	MAR	1974
600.45	4	APR	1974
600.80	3	MAY	1974
601.19	1	JUNE	1974
601.50	4	JULY	1974
601.68	31	AUG	1974
601.67	30	SEPT	1974
601.60	25	OCT	1974
601.56	15	NOV	1974
601.27	26	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.40													0
602.20											1		1
602.00								4	1	1		1	8
601.80							4	19	18	16	14	1	80
601.60							20	8	11	14	12	9	154
601.40						18	7				3	13	195
601.20	1				7	11						7	221
601.00	7	3	1		17	1							250
600.80	17	8	5	11	7								298
600.60	5	16	11	8									338
600.40	1	1	13	11									364
600.20			1										365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9064

DAILY WATER LEVELS
DULUTH MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.									
1	10JAN	74	600.90	600.92	600.89	600.96	600.77	600.77	600.81	601.00	600.87	600.95										
11	20JAN	74	600.82	600.71	600.93	600.60	601.04	601.03	601.22	600.84	601.00	601.00										
21	31JAN	74	600.89	600.86	600.96	600.86	600.81	601.06	601.00	600.76	600.89	600.93	600.89	600.47	17 0900	601.45	14 1200	599.99				
1	10FEB	74	600.91	601.07	601.07	600.96	601.00	600.85	600.77	600.77	600.78	600.59										
11	20FEB	74	600.76	600.87	600.74	600.76	600.85	600.60	600.87	600.80	600.73	600.78										
21	28FEB	74	600.79	600.78	600.60	600.64	600.65	600.63	600.80	600.79	600.67	3 1200 601.27 10 1300 600.29										
1	10MAR	74	600.84	600.89	600.60	600.66	600.70	600.64	600.64	601.07	600.54	600.68										
11	20MAR	74	600.81	600.80	600.76	600.82	600.74	600.59	600.59	600.51	600.56	600.55										
21	31MAR	74	600.63	600.43	600.52	600.29	600.41	600.60	600.41	600.54	600.75	600.64	600.41	600.56	8 0400	601.36	3 1800	599.89				
1	10APR	74	600.78	600.50	600.65	600.45	600.51	600.59	600.56	600.58	600.59	600.60										
11	20APR	74	600.87	600.85	600.58	600.57	600.56	600.53	600.65	600.71	600.77	600.85										
21	30APR	74	600.70	600.85	600.70	600.72	600.85	600.83	600.91	600.94	600.88	600.85	600.80	28 2000	601.24	2 0500	600.15					
1	10MAY	74	601.11	600.95	600.80	600.96	600.94	600.97	601.10	601.03	600.98	601.12										
11	20MAY	74	601.28	600.88	601.13	601.15	601.06	601.18	601.08	601.22	601.32	601.30										
21	31MAY	74	601.10	601.17	601.06	601.00	601.01	601.10	601.17	601.23	601.23	601.18	601.24	601.07	11 0800	601.73	3 0400	600.51				
1	10JUNE	74	601.19	601.21	601.31	601.26	601.39	601.44	601.28	601.32	601.52	601.30										
11	20JUNE	74	601.33	601.36	601.46	601.48	601.32	601.31	601.44	601.54	601.49	601.52										
21	30JUNE	74	601.42	601.51	601.49	601.50	601.51	601.52	601.53	601.57	601.57	601.52	601.40	20 1400	601.86	4 0800	600.90					
1	10JULY	74	601.56	601.61	601.63	601.50	601.66	601.69	601.70	601.70	601.76	601.85										
11	20JULY	74	601.82	601.75	601.67	601.58	601.68	601.73	601.78	601.65	601.74	601.80										
21	31JULY	74	601.68	601.79	601.71	601.75	601.84	601.76	601.64	601.53	601.51	601.54	601.54	601.62	10 0600	602.18	4 0400	600.98				
1	10AUG	74	601.72	601.84	601.76	601.72	601.78	601.80	601.82	601.85	601.93	602.08										
11	20AUG	74	601.92	601.81	601.86	602.04	601.99	601.84	601.85	601.87	601.94	602.02										
21	31AUG	74	601.86	601.95	601.82	601.88	601.99	602.02	601.77	601.78	601.92	601.75	601.82	601.68	15 1500	602.37	30 2400	601.30				
1	10SEPT	74	601.82	601.79	601.74	601.82	601.88	601.93	601.89	601.76	601.89	602.03										
11	20SEPT	74	601.84	601.85	601.73	601.83	601.75	601.79	601.88	601.89	601.80	601.84										
21	30SEPT	74	601.83	601.78	601.81	601.94	601.78	601.79	601.89	601.86	601.81	601.77	601.67	10 1400	602.27	24 1800	601.46					
1	10OCT	74	601.72	601.82	601.92	601.98	601.70	601.80	601.83	601.82	601.73	602.00										
11	20OCT	74	601.85	601.81	601.89	601.67	601.77	601.74	601.80	601.83	601.81	601.80										
21	31OCT	74	601.79	601.79	601.68	601.77	601.62	601.60	601.65	601.83	601.79	601.87	601.77	601.92	10 1100	602.38	5 0900	601.26				
1	10NOV	74	602.37	601.82	601.66	601.80	601.72	601.70	601.76	601.84	601.78	601.88										
11	20NOV	74	601.67	601.66	601.62	601.58	601.56	601.86	601.67	601.86	601.94	601.59										
21	30NOV	74	601.79	601.82	601.94	601.82	601.73	601.82	601.94	601.77	601.79	601.84	601.87	1 0400	602.77	15 0900	601.35					
1	10DEC	74	601.78	601.66	601.75	601.66	601.78	601.63	601.58	601.50	601.47	601.49										
11	20DEC	74	601.53	601.64	601.82	601.79	602.00	601.50	601.44	601.54	601.59	601.57										
21	31DEC	74	601.55	601.47	601.73	601.36	601.54	601.37	601.27	601.43	601.33	601.34	601.32	601.28	15 1600	602.17	26 2100	600.98				

ANNUAL SUMMARY OF LEVELS
TWO HARBORS, MINN. ON LAKE SUPERIOR

YEARLY MEAN ELEVATION 601.32 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.85 AUG 1974
DAILY MEAN ELEVATION 602.20 1 NOV 1974
INSTANT/HOURLY ELEVATION 602.55 0400 1 NOV 1974

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
601.16	17	JAN	1974
601.06	3	FEB	1974
601.01	8	MAR	1974
600.92	27	APR	1974
601.26	20	MAY	1974
601.54	28	JUNE	1974
601.81	24	JULY	1974
602.02	25	AUG	1974
601.93	23	SEPT	1974
601.98	10	OCT	1974
602.20	1	NOV	1974
601.91	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.61 MAR 1974
DAILY MEAN ELEVATION 600.31 23 MAR 1974
INSTANT/HOURLY ELEVATION 599.98 1800 18 MAR 1974

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.51	31	JAN	1974
600.59	22	FEB	1974
600.31	23	MAR	1974
600.43	4	APR	1974
600.79	3	MAY	1974
601.17	1	JUNE	1974
601.48	4	JULY	1974
601.68	31	AUG	1974
601.72	30	SEPT	1974
601.61	25	OCT	1974
601.62	15	NOV	1974
601.31	31	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.40													0
602.20											1		1
602.00								3					4
601.80							1	19	22	15	15	1	77
601.60							22	9	7	16	14	11	156
601.40						18	8					14	196
601.20					6	11						5	218
601.00	4	2	1		17	1							243
600.80	23	8	2	11	7								294
600.60	3	16	12	8	1								334
600.40	1	2	15	11									363
600.20			1										364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9070

DAILY WATER LEVELS
TWO HARBORS, MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.							
1	10JAN	74		600.93	600.94	600.91	600.98	600.81	600.82	600.82	601.00	600.88	600.95							
11	20JAN	74		600.83	600.74	600.95	600.66	601.02	600.99	601.16	600.83	600.98	600.98							
21	31JAN	74	600.89	600.85	600.94	600.87	600.81	601.03	600.99	600.79	600.87	600.92	600.90	600.51	17	0800	601.37	14	1200	600.12
1	10FEB	74		600.89	601.04	601.06	600.92	600.97	600.84	600.76	600.75	600.77	600.59							
11	20FEB	74		600.75	600.84	600.72	600.74	600.85	600.61	600.82	600.81	600.71	600.76							
21	28FEB	74	600.77	600.76	600.59	600.64	600.65	600.63	600.77	600.77	600.66				3	0200	601.24	10	1300	600.34
1	10MAR	74		600.83	600.88	600.58	600.68	600.68	600.63	600.61	601.01	600.54	600.67							
11	20MAR	74		600.78	600.76	600.72	600.79	600.72	600.59	600.57	600.50	600.55	600.56							
21	31MAR	74	600.61	600.43	600.51	600.31	600.41	600.57	600.41	600.52	600.71	600.62	600.41	600.54	8	0400	601.27	18	1800	599.98
1	10APR	74		600.74	600.50	600.62	600.43	600.51	600.60	600.53	600.56	600.57	600.58							
11	20APR	74		600.82	600.81	600.56	600.55	600.53	600.52	600.61	600.65	600.74	600.80							
21	30APR	74	600.68	600.82	600.71	600.68	600.82	600.80	600.87	600.92	600.83	600.83	600.80		26	2000	601.10	2	0400	600.21
1	10MAY	74		601.02	600.91	600.79	600.93	600.91	600.92	601.00	600.98	600.96	601.06							
11	20MAY	74		601.24	600.87	601.06	601.10	601.04	601.13	601.04	601.13	601.22	601.26							
21	31MAY	74	601.06	601.17	601.06	601.02	601.02	601.09	601.15	601.21	601.20	601.15	601.21	601.08	20	1500	601.60	3	0200	600.53
1	10JUNE	74		601.17	601.20	601.28	601.23	601.35	601.42	601.26	601.29	601.42	601.27							
11	20JUNE	74		601.30	601.36	601.42	601.46	601.33	601.32	601.44	601.53	601.48	601.52							
21	30JUNE	74	601.40	601.49	601.47	601.47	601.48	601.49	601.50	601.54	601.54	601.52	601.41		20	1400	601.82	4	0800	601.00
1	10JULY	74		601.54	601.59	601.62	601.48	601.64	601.65	601.67	601.67	601.69	601.72							
11	20JULY	74		601.74	601.70	601.63	601.59	601.65	601.70	601.75	601.62	601.68	601.73							
21	31JULY	74	601.65	601.74	601.69	601.71	601.81	601.74	601.64	601.55	601.54	601.55	601.54	601.60	3	1500	602.07	4	0400	601.14
1	10AUG	74		601.69	601.76	601.71	601.70	601.76	601.78	601.80	601.81	601.89	602.00							
11	20AUG	74		601.91	601.80	601.82	601.99	601.94	601.83	601.83	601.87	601.93	602.00							
21	31AUG	74	601.85	601.97	601.84	601.86	601.92	602.02	601.84	601.78	601.90	601.77	601.87	601.68	15	1400	602.27	31	0100	601.36
1	10SEPT	74		601.83		601.74	601.82	601.87	601.91	601.87	601.77	601.86	601.93							
11	20SEPT	74		601.84	601.84	601.74	601.85	601.77	601.80	601.87	601.90	601.80	601.85							
21	30SEPT	74	601.83	601.78	601.81	601.93	601.81	601.81	601.89	601.86	601.81	601.79	601.72		10	1700	602.24	10	2200	601.49
1	10OCT	74		601.74	601.82	601.91	601.95	601.74	601.78	601.84	601.83	601.75	601.98							
11	20OCT	74		601.86	601.79	601.88	601.70	601.79	601.77	601.81	601.83	601.79	601.81							
21	31OCT	74	601.79	601.80	601.69	601.77	601.64	601.61	601.66	601.82	601.79	601.86	601.78	601.88	10	1100	602.24	5	0900	601.37
1	10NOV	74		602.20	601.81	601.69	601.79	601.74	601.71	601.77	601.84	601.79	601.87							
11	20NOV	74		601.71	601.71	601.67	601.65	601.62	601.87	601.70	601.85	601.94	601.66							
21	30NOV	74	601.80	601.82	601.94	601.81	601.73	601.81	601.94	601.81	601.81	601.82	601.85		1	0400	602.55	11	1700	601.41
1	10DEC	74		601.77	601.66	601.74	601.68	601.77	601.65	601.59	601.52	601.50	601.51							
11	20DEC	74		601.55	601.63	601.77	601.76	601.91	601.50	601.45	601.55	601.61	601.59							
21	31DEC	74	601.56	601.49	601.70	601.42	601.55	601.41	601.32	601.45	601.36	601.36	601.34	601.31	15	1600	602.01	26	2100	601.08

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9070

ANNUAL SUMMARY OF LEVELS
 GRAND MARAIS, MINN. ON LAKE SUPERIOR
 YEARLY MEAN ELEVATION 601.24 IN 1974

HIGHEST

MONTHLY MEAN ELEVATION 601.73 AUG 1974
 DAILY MEAN ELEVATION 601.86 25 AUG 1974
 INSTANT/HOURLY ELEVATION 602.27 2300 10 SEPT 1974

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.96	4	JAN	1974
600.88	3	FEB	1974
600.79	8	MAR	1974
600.80	27	APR	1974
601.12	21	MAY	1974
601.45	18	JUNE	1974
601.66	25	JULY	1974
601.86	25	AUG	1974
601.81	10	SEPT	1974
601.82	10	OCT	1974
601.85	22	NOV	1974
601.67	15	DEC	1974

LOWEST

MONTHLY MEAN ELEVATION 600.53 MAR 1974
 DAILY MEAN ELEVATION 600.34 23 MAR 1974
 INSTANT/HOURLY ELEVATION 600.12 1900 18 MAR 1974

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.55	31	JAN	1974
600.52	22	FEB	1974
600.34	23	MAR	1974
600.40	4	APR	1974
600.75	3	MAY	1974
601.12	1	JUNE	1974
601.43	2	JULY	1974
601.60	1	AUG	1974
601.68	21	SEPT	1974
601.57	25	OCT	1974
601.62	24	NOV	1974
601.28	31	DEC	1974

FREQUENCY DISTRIBUTION OF DAILY AVERAGE LEVELS

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1974
602.00													0
601.80								5	3	1	4		13
601.60							9	26	27	29	26	4	134
601.40						9	20			1		19	183
601.20						17						8	208
601.00					15	4							227
600.80	23	3		1	15								269
600.60	7	19	10	12	1								318
600.40	1	6	18	17									360
600.20			3										363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9090

DAILY WATER LEVELS
GRAND MARAIS, MINN. ON LAKE SUPERIOR

DAY	MONTH	MONTHLY MEANS											HIGH INSTANT/HOURLY LOW DAY TIME ELEV. DAY TIME ELEV.								
1	10JAN	74		600.93	600.94	600.91	600.96	600.84	600.86	600.80	600.95	600.85	600.87								
11	20JAN	74		600.79	600.75	600.89	600.75	600.93	600.84	600.95	600.77	600.80	600.86								
21	31JAN	74	600.84	600.76	600.84	600.82	600.78	600.89	600.94	600.76	600.81	600.85	600.81	600.55	15	1000	601.26	14	1100	600.27	
1	10FEB	74		600.77	600.88	600.88	600.79	600.82	600.76	600.71	600.68	600.75	600.59								
11	20FEB	74		600.73	600.72	600.61	600.65	600.75	600.61	600.68	600.73	600.64	600.66								
21	28FEB	74	600.69	600.65	600.52	600.58	600.59	600.59	600.69	600.66	600.59				3	0300	601.04	28	1500	600.37	
1	10MAR	74		600.68	600.71	600.42	600.64	600.63	600.60	600.54	600.79	600.53	600.59								
11	20MAR	74		600.63	600.60	600.58	600.65	600.60	600.53	600.48	600.45	600.49	600.50								
21	31MAR	74	600.53	600.41	600.46	600.34	600.41	600.47	600.36	600.41	600.53	600.50	600.39	600.44	4	1000	601.08	18	1900	600.12	
1	10APR	74		600.55	600.43	600.47	600.40	600.43	600.50	600.43	600.48	600.47	600.47								
11	20APR	74		600.58	600.63	600.51	600.46	600.47	600.49	600.53	600.54	600.61	600.65								
21	30APR	74	600.57	600.69	600.63	600.61	600.72	600.71	600.75	600.80	600.74	600.72	600.74			28	0300	601.00	4	1900	600.23
1	10MAY	74		600.87	600.83	600.75	600.84	600.85	600.80	600.86	600.87	600.85	600.90								
11	20MAY	74		601.09	600.88	600.97	600.98	600.96	601.07	600.96	601.01	601.06	601.08								
21	31MAY	74	600.97	601.12	601.03	601.03	600.99	601.00	601.05	601.10	601.11	601.09	601.08	601.03	21	1500	601.72	2	1900	600.54	
1	10JUNE	74		601.12	601.14	601.16	601.13	601.21	601.29	601.23	601.22	601.26	601.23								
11	20JUNE	74		601.26	601.31	601.35	601.39	601.31	601.31	601.40	601.45	601.42	601.41								
21	30JUNE	74	601.32	601.37	601.38	601.37	601.41	601.41	601.40	601.42	601.44	601.38	601.37			24	0900	601.70	7	1300	600.87
1	10JULY	74		601.43	601.43	601.56	601.47	601.57	601.54	601.58	601.56	601.55	601.57								
11	20JULY	74		601.60	601.60	601.50	601.56	601.57			601.63	601.58	601.60								
21	31JULY	74	601.56	601.62	601.62	601.59	601.66	601.66	601.61	601.57	601.55	601.54	601.53	601.55	3	1400	601.98	1	1900	601.07	
1	10AUG	74		601.60	601.61	601.61	601.62	601.68	601.70	601.69	601.68	601.71	601.77								
11	20AUG	74		601.79	601.70	601.67	601.76	601.78	601.72	601.71	601.72	601.76	601.81								
21	31AUG	74	601.73	601.82	601.76	601.73	601.78	601.86	601.73	601.73	601.80	601.75	601.82	601.68	15	2200	602.03	17	0900	601.42	
1	10SEPT	74		601.74	601.71	601.68	601.72	601.75	601.76	601.74	601.68	601.69	601.81								
11	20SEPT	74		601.70	601.72	601.70	601.78	601.70	601.75	601.74	601.80	601.75	601.76								
21	30SEPT	74	601.73	601.68	601.72	601.80	601.72	601.72	601.76	601.75	601.70	601.70	601.69			10	2300	602.27	9	0100	601.36
1	10OCT	74		601.67	601.72	601.79	601.78	601.74	601.69	601.73	601.74	601.73	601.82								
11	20OCT	74		601.75	601.68	601.77	601.66	601.73	601.73	601.71	601.70	601.70	601.70								
21	31OCT	74	601.70	601.73	601.63	601.67	601.60	601.57	601.61	601.70	601.67	601.70	601.68	601.69	16	2000	602.11	25	0300	601.37	
1	10NOV	74		601.85	601.75	601.62	601.69	601.67	601.67	601.69	601.72	601.71	601.70								
11	20NOV	74		601.67	601.68	601.65	601.64	601.64	601.78	601.70	601.75	601.81	601.63								
21	30NOV	74	601.71	601.71	601.85	601.73	601.62	601.68	601.84	601.73	601.70	601.67	601.66			23	0300	602.07	15	0900	601.45
1	10DEC	74		601.64	601.56	601.59	601.60	601.63	601.59	601.52	601.42	601.50	601.46								
11	20DEC	74		601.47	601.49	601.52	601.57	601.67	601.42	601.37	601.44	601.46	601.48								
21	31DEC	74	601.47	601.44	601.54	601.43	601.43	601.37	601.37	601.37	601.33	601.33	601.31	601.28	15	1600	601.87	28	1900	601.04	

INTERNATIONAL GREAT LAKES DATUM (1955)

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