

A UNITED STATES
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COMMERCE
PUBLICATION



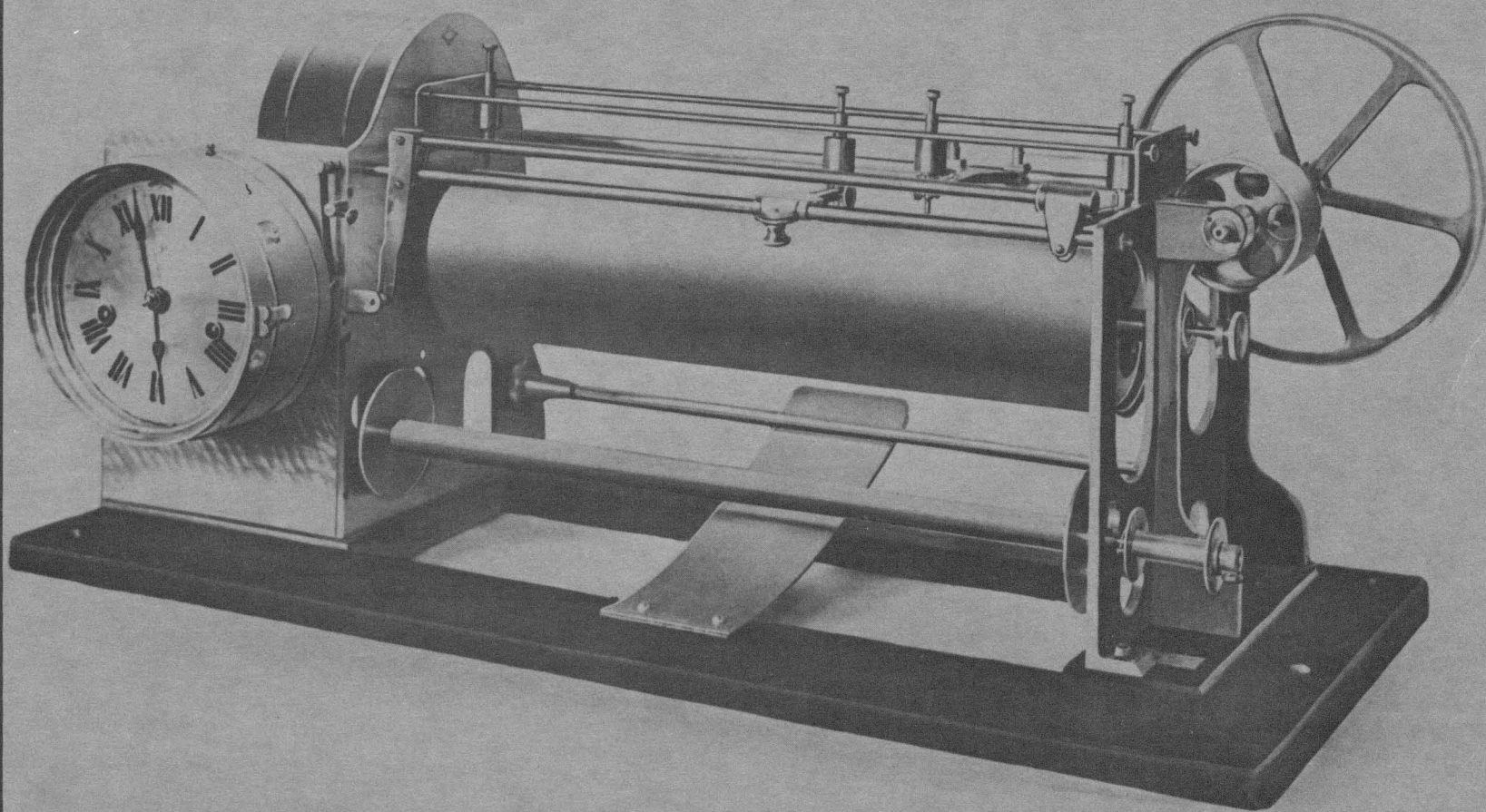
GREAT LAKES WATER LEVELS

U. S. DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

National Ocean Survey

1970



LAKE SURVEY
CENTER

Federal Building,
Detroit, Mich.
August 1972

LSC Great Lakes Water Level Publications

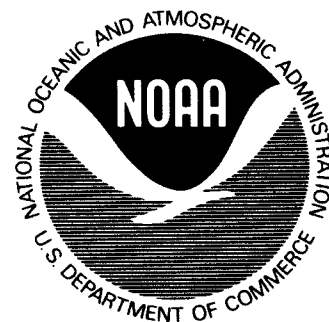
Great Lakes Water Levels 1860-1970. April 1971 (does not show daily means).



GREAT LAKES WATER LEVELS

1970

Daily and Monthly Average Water Surface Elevations

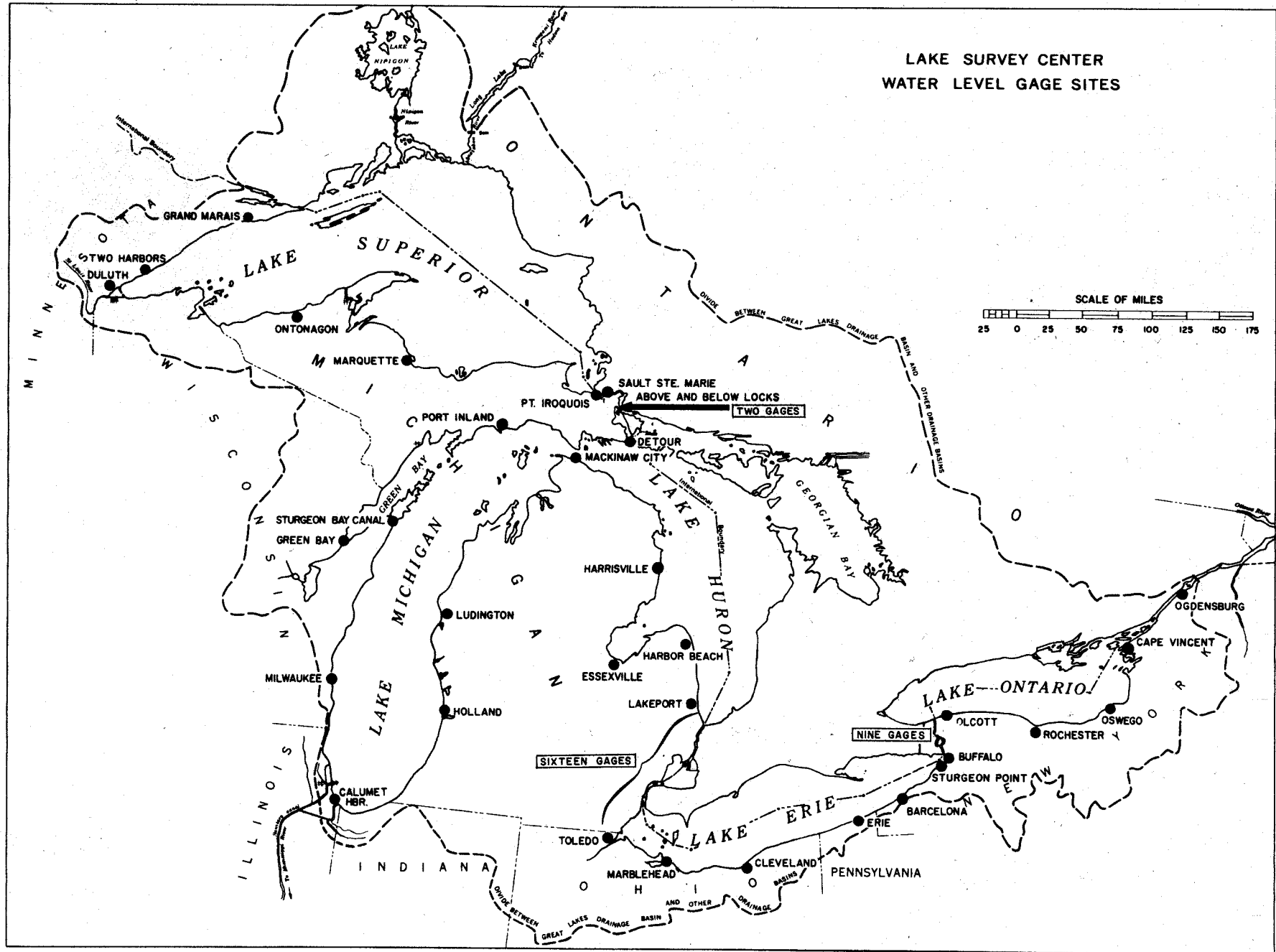


**Cover: Haskell Recording Water Level Gage
Used by Lake Survey 1900-1955**

**For Sale by: Lake Survey Center
630 Federal Bldg. & U. S. Courthouse
Detroit, Michigan 48226**

Price \$2.50

LAKE SURVEY CENTER WATER LEVEL GAGE SITES



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

General. This publication contains Lake Survey Center Great Lakes water level gage records and shows in tabular form daily and monthly average levels for each gage in the network for the calendar year. 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 an analog or a digital form on strip charts which are retained for a period of ten years. Recorded hourly values were used to compute the daily averages and the monthly values were compiled from the daily averages. The diagram on the opposite page indicates the location of the recording water level gages. An index on the following pages lists the gage location, identification number, and geographic co-ordinates. 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 fresh-water 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 SOUTH	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"	
3013*	LaSalle Yacht Club, Niagara Falls, New York	43° 04' 24"	78° 59' 10"	
3016*	Huntley Station, Tonawanda, New York	42° 58' 06"	78° 55' 51"	
3017	Black Rock Canal, Buffalo, New York	42° 56' 02"	78° 54' 27"	
3018*	Tonawanda Island, Tonawanda, New York	43° 01' 32"	78° 53' 14"	
3019*	Peace Bridge, Buffalo, New York	42° 54' 26"	78° 54' 05"	
3117	Ontario, 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 Pointe, 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.

* Indicates temporary gages.

INDEX TO GAGING STATIONS

STATION NUMBER AND LOCATION		LATITUDE NORTH	LONGITUDE SOUTH	CHART DATUM
<u>ST. CLAIR RIVER</u>				
4058*	Minnich, Harsen Island, Michigan	42° 34' 35"	82° 39' 20"	
4060*	St. Clair Flats, Michigan	42° 32' 21"	82° 40' 02"	
4160*	North Channel, Harsens Island, Michigan	42° 37' 40"	83° 37' 26"	
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' 36"	82° 26' 45"	
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>				
6032*	Little Rapids, Michigan	46° 29' 05"	84° 18' 04"	
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
ST. LAWRENCE RIVER AT OGDENSBURG, NEW YORK

YEARLY MEAN ELEVATION 243.72 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 244.86 JUL 1970
DAILY MEAN ELEVATION 245.29 21 JUL 1970
INSTANTANEOUS ELEVATION 245.70 0800 21 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 242.76 FEB 1970
DAILY MEAN ELEVATION 242.45 12 DEC 1970
INSTANTANEOUS ELEVATION 242.03 0600 4 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.19	9	JAN	1970
243.03	22	FEB	1970
243.84	27	MAR	1970
244.29	22	APR	1970
244.85	26	MAY	1970
244.95	19	JUN	1970
245.29	21	JUL	1970
244.93	2	AUG	1970
244.36	4	SEP	1970
243.96	3	OCT	1970
243.91	23	NOV	1970
243.67	2	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
242.54	28	JAN	1970
242.53	9	FEB	1970
242.48	4	MAR	1970
243.08	2	APR	1970
244.13	14	MAY	1970
244.47	13	JUN	1970
244.62	19	JUL	1970
244.09	27	AUG	1970
243.56	15	SEP	1970
242.94	27	OCT	1970
242.80	14	NOV	1970
242.45	12	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
245.40													1
245.20							1						4
245.00							3						28
244.80					2	4	15	3					67
244.60					5	17	12	5					101
244.40					13	9		12					123
244.20				4	9			7	2				146
244.00				8	2			9					172
243.80			1	8				12	3	2			193
243.60				8				6	5		2		209
243.40								1	10		4		244
243.20				1					7	15	8		275
243.00		5	1	4					5	8	7		311
242.80		9	9	10					1	4	3		357
242.60		15	16	9						1	5		365
242.40		2	2	2							2		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 1030

DAILY WATER LEVELS
ST. LAWRENCE RIVER AT OGDENSBURG, NEW YORK

DAY		MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70		24285	24297	24294	24307	24316	24300	24290	24315	24319	24308					
11	20	JAN 70		24300	24281	24287	24287	24278	24273	24278	24279	24273	24269					
21	31	JAN 70	24283	24272	24270	24272	24268	24263	24266	24260	24254	24272	24265	24272	9 0900	24337	28 1700	24230
1	10	FEB 70		24279	24271	24280	24270	24262	24264	24266	24261	24253	24257					
11	20	FEB 70		24288	24289	24283	24281	24272	24283	24274	24275	24277	24287					
21	28	FEB 70	24276	24292	24303	24290	24277	24279	24268	24265	24282			23 0100	24317	5 0200	24241	
1	10	MAR 70		24273	24263	24250	24248	24269	24267	24274	24291	24284	24292					
11	20	MAR 70		24296	24282	24274	24283	24297	24298	24287	24276	24279	24275					
21	31	MAR 70	24295	24309	24304	24311	24330	24325	24300	24384	24356	24323	24315	24331	27 0700	24442	4 0300	24234
1	10	APR 70		24339	24308	24388	24378	24382	24370	24373	24390	24401	24404					
11	20	APR 70		24399	24397	24382	24367	24369	24379	24392	24392	24380	24378					
21	30	APR 70	24392	24407	24429	24414	24408	24427	24425	24427	24416	24408	24420		21 1600	24460	2 1500	24244
1	10	MAY 70		24438	24451	24444	24440	24443	24431	24448	24443	24424	24437					
11	20	MAY 70		24436	24423	24424	24413	24414	24449	24460	24464	24464	24453					
21	31	MAY 70	24448	24457	24469	24460	24440	24455	24485	24481	24460	24454	24468	24473	26 0100	24508	14 1400	24394
1	10	JUN 70		24468	24470	24461	24465	24469	24460	24465	24464	24468	24467					
11	20	JUN 70		24469	24456	24447	24453	24456	24453	24459	24471	24495	24486					
21	30	JUN 70	24468	24470	24475	24474	24479	24472	24451	24454	24479	24492	24488		30 0200	24508	27 1200	24429
1	10	JUL 70		24476	24476	24477	24490	24497	24489	24488	24482	24472	24471					
11	20	JUL 70		24483	24480	24473	24474	24500	24508	24501	24487	24482	24491					
21	31	JUL 70	24486	24529	24509	24494	24485	24491	24486	24482	24483	24477	24470	24473	21 0800	24570	19 1900	24434
1	10	AUG 70		24483	24493	24490	24477	24476	24475	24472	24466	24454	24449					
11	20	AUG 70		24446	24447	24452	24450	24451	24456	24450	24439	24436	24459					
21	31	AUG 70	24449	24442	24423	24416	24427	24434	24444	24409	24426	24420	24420	24426	3 1000	24509	29 2400	24401
1	10	SEP 70		24419	24419	24413	24436	24434	24417	24397	24399	24402	24414					
11	20	SEP 70		24414	24402	24401	24369	24356	24386	24372	24367	24382	24382					
21	30	SEP 70	24393	24385	24392	24381	24366	24386	24382	24388	24381	24379	24378		4 1600	24472	15 1700	24345
1	10	OCT 70		24370	24381	24396	24391	24374	24370	24367	24359	24351	24359					
11	20	OCT 70		24349	24357	24347	24364	24347	24346	24342	24354	24338	24335					
21	31	OCT 70	24345	24332	24330	24335	24332	24314	24306	24294	24306	24306	24311	24323	3 2000	24418	27 2300	24285
1	10	NOV 70		24333	24313	24288	24307	24322	24331	24336	24310	24308	24321					
11	20	NOV 70		24313	24312	24291	24280	24285	24324	24330	24304	24321	24324					
21	30	NOV 70	24320	24387	24339	24391	24334	24325	24331	24321	24297	24306	24322		23 0200	24422	15 0500	24266
1	10	DEC 70		24305	24367	24331	24254	24309	24330	24309	24307	24327	24309					
11	20	DEC 70		24278	24245	24273	24294	24288	24262	24271	24302	24322	24339					
21	31	DEC 70	24311	24306	24265	24290	24332	24326	24341	24362	24359	24345	24344	24333	2 0600	24394	4 0600	24203

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 1030

ANNUAL SUMMARY OF LEVELS
ST. LAWRENCE RIVER AT CAPE VINCENT, NEW YORK

YEARLY MEAN ELEVATION 244.78 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 245.49 JUL 1970
DAILY MEAN ELEVATION 245.91 3 AUG 1970
INSTANTANEOUS ELEVATION 245.95 1700 3 AUG 1970

LOWEST

MONTHLY MEAN ELEVATION 243.94 DEC 1970
DAILY MEAN ELEVATION 243.68 4 DEC 1970
INSTANTANEOUS ELEVATION 243.23 0830 4 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
245.37	27	MAY	1970
245.47	30	JUN	1970
245.62	15	JUL	1970
245.91	3	AUG	1970
245.01	4	SEP	1970
244.64	3	OCT	1970
244.35	23	NOV	1970
244.20	2	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
244.94	15	MAY	1970
245.23	14	JUN	1970
245.41	3	JUL	1970
244.93	27	AUG	1970
244.51	24	SEP	1970
243.97	29	OCT	1970
243.88	14	NOV	1970
243.68	4	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
246.00								2					2
245.80							1	1					4
245.60							14	2					24
245.40						4							74
245.20					13	26		11					92
245.00					8			9	1				108
244.80					6			3	7				116
244.60									6	2			140
244.40									16	8			151
244.20										9	2		190
244.00										9	19	11	214
243.80										3	9	12	220
243.60												6	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

DAILY WATER LEVELS

ST. LAWRENCE RIVER AT CAPE VINCENT, NEW YORK

MONTHLY MEANS			HIGH INSTANTANEOUS LOW DAY TIME ELEV. DAY TIME ELEV.															
1	10	JAN 70																
11	20	JAN 70																
21	31	JAN 70																
1	10	FEB 70																
11	20	FEB 70																
21	28	FEB 70																
1	10	MAR 70																
11	20	MAR 70																
21	31	MAR 70																
1	10	APR 70																
11	20	APR 70																
21	30	APR 70																
1	10	MAY 70																
11	20	MAY 70																
21	31	MAY 70	24516	24501	24498	24500	24499	24494	24515	24519	24524	24524	24523	24532	25 2200	24572	15 1245	24477
1	10	JUN 70																
11	20	JUN 70																
21	30	JUN 70	24533	24531	24533	24533	24530	24532	24532	24530	24530	24532	24531	24532	25 0100	24558	11 1700	24511
1	10	JUL 70																
11	20	JUL 70																
21	31	JUL 70	24546	24541	24544	24541	24552	24555	24553	24550	24547	24546	24546	24552	4 1900	24571	1 1900	24523
1	10	AUG 70																
11	20	AUG 70																
21	31	AUG 70	24527	24531	24531	24529	24528	24527	24529	24527	24519	24521	24528	24500	3 1700	24595	30 1655	24476
1	10	SEP 70																
11	20	SEP 70																
21	30	SEP 70	24469	24494	24492	24490	24501	24498	24490	24480	24480	24482	24483	24455	26 2040	24550	24 0650	24438
1	10	OCT 70																
11	20	OCT 70																
21	31	OCT 70	24429	24452	24461	24464	24460	24446	24452	24447	24443	24436	24443	24415	3 1625	24510	28 1355	24386
1	10	NOV 70																
11	20	NOV 70																
21	30	NOV 70	24406	24419	24408	24398	24410	24412	24413	24411	24398	24399	24405	24400	22 2150	24593	14 0325	24368
1	10	DEC 70																
11	20	DEC 70																
21	31	DEC 70	24394	24401	24420	24392	24368	24378	24372	24386	24389	24387	24373	24388	24 0340	24502	4 0830	24323

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2000

ANNUAL SUMMARY OF LEVELS
LAKE ONTARIO AT OSWEGO, NEW YORK

YEARLY MEAN ELEVATION 244.51 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 245.50 JUL 1970
DAILY MEAN ELEVATION 245.65 21 JUL 1970
INSTANTANEOUS ELEVATION 245.91 0945 21 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 243.67 JAN 1970
DAILY MEAN ELEVATION 243.47 28 JAN 1970
INSTANTANEOUS ELEVATION 243.05 0515 29 JAN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.92	9	JAN	1970
243.93	11	FEB	1970
244.07	27	MAR	1970
244.92	29	APR	1970
245.37	27	MAY	1970
245.50	27	JUN	1970
245.65	21	JUL	1970
245.61	4	AUG	1970
245.00	5	SEP	1970
244.64	4	OCT	1970
244.27	21	NOV	1970
244.39	6	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.47	28	JAN	1970
243.52	5	FEB	1970
243.58	4	MAR	1970
243.96	1	APR	1970
244.91	1	MAY	1970
245.22	15	JUN	1970
245.42	3	JUL	1970
244.94	30	AUG	1970
244.50	21	SEP	1970
243.99	30	OCT	1970
243.94	20	NOV	1970
243.86	16	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
245.80							1	1					2
245.60							30	6					42
245.40						4							95
245.20					15	26		12					114
245.00					11			8					136
244.80					5			4	6				153
244.60					7				13	1			187
244.40					3				11	11			211
244.20					12					10	2	7	261
244.00					5					7	22	18	297
243.80					2					2	6	6	347
243.60	3	7	11	1									365
243.40	19	15	16										
243.20	9	6	3										

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

DAILY WATER LEVELS
LAKE ONTARIO AT OSWEGO, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	24365	24367	24367	24372	24381	24372	24371	24379	24392	24386						
11	20	JAN 70	24374	24368	24373	24378	24363	24360	24365	24367	24362	24364						
21	31	JAN 70	24367	24370	24359	24361	24356	24351	24359	24354	24347	24358	24356	9 1740	24412	29 0515	24305	
1	10	FEB 70	24354	24354	24374	24362	24352	24360	24360	24361	24358	24367						
11	20	FEB 70	24393	24388	24382	24375	24371	24380	24371	24369	24380	24387						
21	28	FEB 70	24372	24382	24378	24383	24372	24385	24364	24365	24378		11 1400	24413	2 0700	24332		
1	10	MAR 70	24367	24367	24359	24358	24375	24372	24373	24390	24380	24387						
11	20	MAR 70	24388	24372	24373	24377	24378	24381	24374	24367	24368	24359						
21	31	MAR 70	24379	24374	24371	24378	24388	24385	24383	24407	24395	24396	24399	27 0930	24455	20 1305	24326	
1	10	APR 70	24396	24405	24441	24428	24426	24419	24434	24428	24438	24452						
11	20	APR 70	24448	24445	24444	24446	24450	24450	24453	24458	24453	24449						
21	30	APR 70	24452	24462	24468	24462	24483	24484	24484	24486	24490	24492	24489	24 1900	24536	2 1050	24312	
1	10	MAY 70	24491	24500	24498	24500	24505	24515	24508	24502	24504	24504						
11	20	MAY 70	24505	24507	24510	24507	24500	24510	24523	24526	24523	24528						
21	31	MAY 70	24516	24524	24531	24533	24528	24524	24533	24537	24534	24533	24529	24532	23 1305	24566	8 1545	24465
1	10	JUN 70	24532	24532	24538	24534	24534	24537	24533	24532	24531	24531						
11	20	JUN 70	24533	24536	24533	24526	24522	24524	24526	24530	24541	24537						
21	30	JUN 70	24534	24534	24536	24534	24534	24540	24532	24550	24541	24539	24547	18 1030	24576	18 1410	24493	
1	10	JUL 70	24545	24546	24542	24547	24551	24552	24548	24546	24544	24544						
11	20	JUL 70	24554	24554	24548	24543	24545	24553	24555	24559	24549	24552						
21	31	JUL 70	24550	24565	24557	24550	24547	24551	24548	24552	24550	24549	24550	24551	21 0945	24591	1 1745	24491
1	10	AUG 70	24554	24556	24560	24561	24552	24548	24543	24540	24533	24530						
11	20	AUG 70	24529	24526	24527	24525	24523	24521	24529	24523	24512	24519						
21	31	AUG 70	24524	24522	24515	24509	24504	24502	24499	24494	24495	24504	24494	24510	3 1120	24587	30 1415	24455
1	10	SEP 70	24500	24494	24479	24491	24500	24494	24482	24471	24472	24476						
11	20	SEP 70	24478	24469	24473	24465	24459	24464	24458	24457	24454	24450						
21	30	SEP 70	24470	24450	24456	24458	24455	24460	24459	24474	24470	24466	24461	27 2150	24522	16 0135	24428	
1	10	OCT 70	24456	24445	24457	24464	24452	24448	24446	24441	24434	24436						
11	20	OCT 70	24436	24435	24436	24438	24443	24447	24442	24443	24425	24419						
21	31	OCT 70	24432	24416	24422	24429	24424	24418	24414	24409	24405	24399	24399	24408	3 1515	24493	30 1357	24379
1	10	NOV 70	24412	24416	24414	24416	24426	24413	24412	24405	24395	24395						
11	20	NOV 70	24402	24402	24413	24406	24411	24414	24410	24399	24402	24394						
21	30	NOV 70	24408	24427	24406	24420	24417	24407	24398	24401	24406	24397	24414	21 0940	24472	26 1500	24357	
1	10	DEC 70	24398	24410	24403	24421	24409	24439	24416	24400	24410	24415						
11	20	DEC 70	24398	24398	24405	24405	24404	24386	24407	24407	24412	24422						
21	31	DEC 70	24411	24407	24403	24398	24427	24410	24419	24421	24428	24422	24415	6 0315	24470	22 1047	24350	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2030

ANNUAL SUMMARY OF LEVELS
LAKE ONTARIO AT ROCHESTER, NEW YORK

YEARLY MEAN ELEVATION 244.53 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 245.53 JUL 1970
DAILY MEAN ELEVATION 245.66 23 JUL 1970
INSTANTANEOUS ELEVATION 245.96 0950 18 JUN 1970

LOWEST

MONTHLY MEAN ELEVATION 243.68 JAN 1970
DAILY MEAN ELEVATION 243.54 28 JAN 1970
INSTANTANEOUS ELEVATION 243.03 1422 28 JAN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.83	10	JAN	1970
243.85	23	FEB	1970
244.01	29	MAR	1970
244.92	30	APR	1970
245.39	29	MAY	1970
245.49	30	JUN	1970
245.66	23	JUL	1970
245.62	4	AUG	1970
245.00	1	SEP	1970
244.58	1	OCT	1970
244.26	2	NOV	1970
244.25	4	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.54	28	JAN	1970
243.57	1	FEB	1970
243.66	3	MAR	1970
243.99	1	APR	1970
244.98	1	MAY	1970
245.26	18	JUN	1970
245.45	15	JUL	1970
244.92	30	AUG	1970
244.55	25	SEP	1970
244.08	29	OCT	1970
243.99	10	NOV	1970
243.97	16	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
245.80							2	1					3
245.60							29	7					46
245.40						7							95
245.20					15	23		11					116
245.00					15			6					135
244.80					7	1		6	5				151
244.60					3				13				186
244.40					11				12	12			220
244.20					7					14	4	9	272
244.00					1					5	24	21	291
243.80	1	5	9	1							2	1	360
243.60	26	22	21										365
243.40	4	1											

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2058

DAILY WATER LEVELS
LAKE ONTARIO AT ROCHESTER, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW ELEV. DAY TIME
1	10 JAN 70		24371	24369	24372	24370	24372	24374	24374	24366	24369	24383			
11	20 JAN 70		24375	24374	24379	24376	24371	24363	24369	24373	24369	24366			
21	31 JAN 70	24368	24372	24367	24363	24362	24361	24362	24359	24354	24356	24362	24357	28 1629	24398 28 1452 24303
1	10 FEB 70		24357	24361	24371	24369	24361	24367	24365	24366	24366	24370			
11	20 FEB 70		24382	24385	24384	24380	24380	24380	24376	24372	24380	24379			
21	28 FEB 70	24374	24378	24377	24385	24378	24383	24371	24368	24373			19 0425	24409 17 0650	24343
1	10 MAR 70		24375	24373	24366	24368	24373	24374	24374	24379	24381	24378			
11	20 MAR 70		24375	24374	24373	24372	24373	24375	24374	24372	24372	24369			
21	31 MAR 70	24379	24376	24377	24383	24387	24392	24383	24393	24395	24401	24396	24396	26 1844	24436 20 1315 24342
1	10 APR 70		24399	24410	24421	24425	24426	24425	24431	24431	24438	24444			
11	20 APR 70		24447	24446	24448	24450	24450	24451	24454	24456	24457	24459			
21	30 APR 70	24453	24466	24472	24474	24481	24482	24485	24488	24492	24491	24492	14 2115	24546 2 1130	24342
1	10 MAY 70		24498	24505	24504	24504	24504	24510	24506	24506	24506	24504			
11	20 MAY 70		24507	24507	24508	24511	24514	24517	24523	24525	24528	24528			
21	31 MAY 70	24519	24529	24530	24531	24533	24532	24536	24538	24537	24539	24536	24533	25 2108	24579 2 1645 24460
1	10 JUN 70		24535	24534	24540	24538	24539	24539	24537	24535	24537	24537			
11	20 JUN 70		24536	24539	24536	24530	24526	24528	24529	24526	24539	24542			
21	30 JUN 70	24537	24541	24538	24537	24537	24540	24543	24549	24544	24543	24549	18 0950	24596 18 1125	24468
1	10 JUL 70		24554	24549	24549	24550	24553	24556	24552	24552	24551	24547			
11	20 JUL 70		24552	24554	24553	24546	24545	24556	24558	24560	24554	24547			
21	31 JUL 70	24553	24560	24562	24566	24558	24556	24552	24551	24551	24551	24552	24551	21 1800	24572 4 0200 24518
1	10 AUG 70		24551	24556	24558	24562	24552	24546	24544	24542	24535	24531			
11	20 AUG 70		24529	24531	24529	24530	24528	24527	24531	24524	24512	24513			
21	31 AUG 70	24525	24523	24519	24509	24500	24496	24495	24502	24497	24499	24492	24505	3 0840	24583 30 2000 24439
1	10 SEP 70		24500	24490	24480	24486	24495	24489	24480	24473	24472	24471			
11	20 SEP 70		24477	24473	24472	24465	24457	24462	24460	24455	24457	24458			
21	30 SEP 70	24469	24457	24458	24459	24457	24455	24457	24466	24464	24462	24456	13 1830	24511 26 1950	24417
1	10 OCT 70		24458	24443	24444	24455	24451	24446	24444	24444	24441	24437			
11	20 OCT 70		24441	24436	24440	24440	24444	24446	24439	24436	24432	24425			
21	31 OCT 70	24434	24423	24425	24427	24426	24426	24422	24417	24412	24408	24413	24418	3 1735	24485 29 0100 24393
1	10 NOV 70		24425	24426	24422	24419	24422	24415	24417	24412	24405	24399			
11	20 NOV 70		24404	24409	24417	24411	24415	24411	24410	24408	24408	24406			
21	30 NOV 70	24412	24412	24412	24405	24416	24406	24400	24408	24415	24408	24410	22 2050	24442 26 1255	24357
1	10 DEC 70		24404	24405	24413	24425	24411	24418	24418	24410	24409	24421			
11	20 DEC 70		24415	24407	24406	24407	24407	24397	24413	24414	24410	24418			
21	31 DEC 70	24414	24419	24414	24408	24421	24419	24422	24421	24424	24424	24421	24421	4 0900	24445 19 0600 24380

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2058

ANNUAL SUMMARY OF LEVELS
LAKE ONTARIO AT OLCOTT, NEW YORK

YEARLY MEAN ELEVATION 244.56 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 245.57 JUL 1970
DAILY MEAN ELEVATION 245.63 23 JUL 1970
INSTANTANEOUS ELEVATION 245.79 0400 19 JUL 1970

MONTHLY MEAN ELEVATION 243.68 JAN 1970
DAILY MEAN ELEVATION 243.59 31 JAN 1970
INSTANTANEOUS ELEVATION 243.47 0100 3 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.78	12	JAN	1970
243.82	15	FEB	1970
244.06	30	MAR	1970
245.02	30	APR	1970
245.43	29	MAY	1970
245.53	29	JUN	1970
245.63	23	JUL	1970
245.60	3	AUG	1970
244.93	1	SEP	1970
244.58	9	OCT	1970
244.34	2	NOV	1970
244.25	31	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
243.59	31	JAN	1970
243.62	1	FEB	1970
243.66	11	MAR	1970
244.05	1	APR	1970
245.03	2	MAY	1970
245.34	15	JUN	1970
245.50	3	JUL	1970
244.96	31	AUG	1970
244.62	25	SEP	1970
244.27	28	OCT	1970
244.02	23	NOV	1970
244.06	2	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
245.80													
245.60							5						5
245.40					4	15	26	8					58
245.20					13	15		9					95
245.00				1	14			10					120
244.80				7				4	8				139
244.60				4					18				161
244.40				8						10			179
244.20				7						15			215
244.00			3	3							5	9	268
243.80		3	9								25	22	280
243.60	28	25	19										352
243.40	3												355

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

DAILY WATER LEVELS
LAKE ONTARIO AT OLCOTT, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV., DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	24373	24371	24378	24373	24371	24377	24375	24364	24361	24371						
11	20	JAN 70	24372	24378	24374	24369	24374	24368	24371	24367	24369	24370						
21	31	JAN 70	24368	24364	24365	24362	24364	24367	24362	24362	24366	24359	24359	28 1400	24396	31 2200	24349	
1	10	FEB 70	24362	24365	24364	24370	24368	24370	24370	24371	24374	24372						
11	20	FEB 70	24367	24377	24374	24382	24382	24379	24378	24381	24378	24372						
21	28	FEB 70	24373	24371	24371	24375	24373	24372	24378	24374	24371		18 0700	24401	3 0100	24347		
1	10	MAR 70	24376	24375	24380	24381	24376	24380	24379	24375	24377	24370						
11	20	MAR 70	24366	24376	24374	24373	24371	24374	24378	24374	24381	24381						
21	31	MAR 70	24381	24375	24385	24383	24382	24389	24396	24387	24398	24405	24403	26 0600	24420	11 1300	24353	
1	10	APR 70	24405	24420	24413	24422	24430	24438	24434	24438	24438	24438						
11	20	APR 70	24442	24447	24451	24453	24451	24455	24454	24456	24465	24476						
21	30	APR 70	24457	24472	24473	24482	24484	24486	24491	24493	24496	24498	24502	23 0400	24518	3 0200	24387	
1	10	MAY 70	24505	24503	24506	24505	24505	24505	24504	24512	24514	24511						
11	20	MAY 70	24514	24513	24511	24511	24524	24527	24527	24530	24531	24536						
21	31	MAY 70	24523	24533	24531	24537	24539	24536	24538	24537	24542	24543	24541	28 2200	24557	2 0300	24479	
1	10	JUN 70	24541	24542	24542	24544	24540	24540	24541	24540	24540	24540						
11	20	JUN 70	24539	24539	24536	24534	24534	24535	24540	24542	24543	24545						
21	30	JUN 70	24541	24542	24538	24539	24540	24544	24544	24544	24545	24553	24550	29 1400	24567	18 1700	24524	
1	10	JUL 70	24554	24550	24550	24552	24555	24554	24555	24557	24557	24552						
11	20	JUL 70	24555	24553	24555	24554	24560	24560	24560	24557	24559	24555						
21	31	JUL 70	24557	24562	24563	24563	24561	24558	24561	24558	24558	24559	24558	19 0400	24579	3 1000	24533	
1	10	AUG 70	24556	24554	24560	24557	24552	24548	24545	24543	24540	24535						
11	20	AUG 70	24535	24536	24535	24536	24532	24528	24525	24520	24517	24520						
21	31	AUG 70	24526	24518	24515	24505	24503	24507	24506	24504	24497	24496	24499	3 0700	24575	28 0500	24479	
1	10	SEP 70	24493	24490	24490	24488	24488	24485	24483	24481	24478	24479						
11	20	SEP 70	24479	24479	24476	24472	24468	24462	24468	24468	24467	24467						
21	30	SEP 70	24475	24464	24464	24462	24462	24462	24465				3 1700	24502	24 2000	24445		
1	10	OCT 70							24456	24455	24458	24454						
11	20	OCT 70	24452	24442	24444	24444	24446	24443	24437	24432	24435	24430						
21	31	OCT 70	24439	24433	24431	24430	24431	24431	24429	24430	24427	24428	24432	24436	9 1200	24464	29 0600	24421
1	10	NOV 70	24434	24434	24429	24422	24422	24420	24417	24418	24416	24412						
11	20	NOV 70	24410	24413	24417	24418	24418	24411	24415	24419	24414	24417						
21	30	NOV 70	24416	24404	24412	24402	24411	24412	24415	24411	24414	24414	24412	26 0900	24487	21 0600	24380	
1	10	DEC 70	24419	24406	24417	24423	24416	24410	24416	24418	24412	24417						
11	20	DEC 70	24424	24420	24413	24415	24415	24425	24420	24416	24411	24410						
21	31	DEC 70	24418	24419	24423	24425	24407	24422	24419	24421	24418	24422	24420	24425	11 1500	24449	24 0400	24383

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 2076

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT ASHLAND AVENUE, NIAGARA FALLS, NEW YORK

YEARLY MEAN ELEVATION 320.38 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 322.22 MAY 1970
 DAILY MEAN ELEVATION 328.98 9 JAN 1970
 INSTANTANEOUS ELEVATION 333.70 0800 9 JAN 1970

MONTHLY MEAN ELEVATION 317.18 FEB 1970
 DAILY MEAN ELEVATION 315.50 8 FEB 1970
 INSTANTANEOUS ELEVATION 314.22 0600 26 MAR 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
328.98	9	JAN	1970
318.60	13	FEB	1970
320.00	27	MAR	1970
324.00	3	APR	1970
324.19	10	MAY	1970
322.62	29	JUN	1970
323.58	20	JUL	1970
322.39	31	AUG	1970
323.36	4	SEP	1970
322.48	3	OCT	1970
325.82	23	NOV	1970
324.25	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
316.09	6	JAN	1970
315.50	8	FEB	1970
315.59	1	MAR	1970
321.60	1	APR	1970
321.79	15	MAY	1970
321.69	26	JUN	1970
321.72	30	JUL	1970
321.67	23	AUG	1970
320.82	17	SEP	1970
320.68	28	OCT	1970
315.68	28	NOV	1970
316.15	12	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
329.50													
329.00													
328.50	1												1
328.00													1
327.50													1
327.00													1
326.50													1
326.00													1
325.50	1										1		3
325.00													3
324.50													3
324.00					1							1	5
323.50	1			1			1				1	1	10
323.00				1			1		1				13
322.50				3	3	2	1						22
322.00				14	16	14	5	9	5	2	1		88
321.50				11	11	14	23	22	13	2		3	187
321.00									6	5	1	2	201
320.50	1								5	22	1	2	232
320.00											1	2	235
319.50	1		1								3	3	243
319.00	1										3	8	255
318.50	3	1	3								7	4	273
318.00		2	3								3	2	283
317.50	1	4	6								3	1	298
317.00	2	11	8								1		320
316.50	12	7	4								1		344
316.00	7	2	3								2	2	360
315.50			3								1		364
315.00		1											365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3007

DAILY WATER LEVELS

NIAGARA RIVER AT ASHLAND AVENUE, NIAGARA FALLS, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10 JAN 70		31906	31899	31874	32051	31999	31809	31880	32598	32898	32365					
11	20 JAN 70		31688	31687	31666	31635	31630	31667	31610	31633	31683	31681					
21	31 JAN 70	31812	31662	31692	31702	31685	31668	31705	31651	31646	31699	31754	31649	9 0800	33370	6 1100	31519
1	10 FEB 70		31628	31715	31753	31850	31802	31738	31652	31550	31645	31682					
11	20 FEB 70		31776	31723	31860	31735	31659	31741	31723	31683	31707	31776					
21	28 FEB 70	31718	31739	31694	31706	31679	31702	31742	31784	31663			13 0600	32084	10 0200	31533	
1	10 MAR 70		31559	31653	31590	31691	31802	31750	31644	31736	31769	31766					
11	20 MAR 70		31769	31715	31731	31562	31607	31794	31708	31664	31710	31730					
21	31 MAR 70	31736	31833	31640	31867	31853	31782	31678	32000	31842	31677	31760	31737	26 2300	32694	26 0600	31422
1	10 APR 70		32160	32324	32400	32231	32162	32272	32223	32234	32237	32256					
11	20 APR 70		32231	32171	32204	32192	32183	32193	32177	32174	32184	32243					
21	30 APR 70	32222	32300	32225	32200	32221	32204	32201	32221	32195	32209	32218	2	2200	32943	14 0200	31536
1	10 MAY 70		32232	32228	32200	32242	32235	32192	32218	32212	32231	32419					
11	20 MAY 70		32214	32195	32204	32187	32179	32199	32206	32284	32257	32207					
21	31 MAY 70	32222	32193	32242	32180	32184	32222	32282	32228	32206	32193	32209	32197	10 1000	32769	14 0200	31537
1	10 JUN 70		32236	32214	32222	32216	32208	32203	32204	32249	32195	32183					
11	20 JUN 70		32212	32193	32172	32170	32196	32173	32208	32255	32235	32170					
21	30 JUN 70	32203	32174	32233	32181	32202	32176	32169	32178	32186	32262	32220	18 1600	32804	14 0400	31536	
1	10 JUL 70		32176	32182	32180	32209	32196	32223	32178	32183	32183	32192					
11	20 JUL 70		32187	32181	32187	32196	32239	32297	32219	32188	32182	32358					
21	31 JUL 70	32205	32336	32196	32186	32184	32191	32179	32220	32176	32175	32172	32199	20 2200	32827	29 0200	31533
1	10 AUG 70		32192	32190	32230	32185	32183	32179	32170	32175	32168	32198					
11	20 AUG 70		32179	32182	32185	32184	32184	32181	32201	32186	32199	32204					
21	31 AUG 70	32193	32171	32170	32167	32196	32202	32208	32238	32239	32184	32211	32239	28 1500	32688	9 0400	31535
1	10 SEP 70		32196	32196	32197	32336	32217	32171	32172	32228	32178	32246					
11	20 SEP 70		32176	32178	32186	32160	32160	32111	32082	32095	32099	32107					
21	30 SEP 70	32164	32201	32170	32090	32089	32110	32143	32113	32201	32143	32181	10 2100	32883	18 0200	31535	
1	10 OCT 70		32081	32140	32248	32235	32168	32147	32083	32090	32086	32087					
11	20 OCT 70		32089	32130	32085	32095	32088	32099	32102	32190	32100	32088					
21	31 OCT 70	32108	32094	32090	32085	32078	32078	32106	32081	32088	32070	32084	32079	3 1700	32812	28 0300	31532
1	10 NOV 70		31604	31618	31885	31851	31928	31986	31814	31623	31874	31876					
11	20 NOV 70		31786	31818	31775	31753	31727	32095	32033	31674	31917	32133					
21	30 NOV 70	31905	32351	31937	32582	32206	31997	31857	31861	31568	31603	31956	20 2300	33267	5 0100	31528	
1	10 DEC 70		31912	32101	31883	32172	31997	32368	31920	31958	32056	31906					
11	20 DEC 70		31644	31615	31933	32159	31973	31822	31909	31905	32072	32152					
21	31 DEC 70	31974	31883	31835	31883	32425	31925	32101	32040	32030	31939	31900	31763	24 1100	32585	11 0500	31528

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3007

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT AMERICAN FALLS, NIAGARA FALLS, NEW YORK

	YEARLY MEAN ELEVATION 555.27 IN 1970		
HIGHEST			LOWEST
MONTHLY MEAN ELEVATION	555.78	AUG 1970	MONTHLY MEAN ELEVATION 554.75 JAN 1970
DAILY MEAN ELEVATION	555.97	23 NOV 1970	DAILY MEAN ELEVATION 553.37 10 APR 1970
INSTANTANEOUS ELEVATION	556.26	1100 4 SEP 1970	INSTANTANEOUS ELEVATION 553.33 2300 10 APR 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
555.20	9	JAN	1970
555.27	20	FEB	1970
555.25	24	MAR	1970
555.38	26	APR	1970
555.27	18	MAY	1970
555.20	29	JUN	1970
555.61	31	JUL	1970
555.85	28	AUG	1970
555.86	4	SEP	1970
555.97	3	OCT	1970
555.97	23	NOV	1970
555.66	6	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
554.44	14	JAN	1970
554.46	28	FEB	1970
554.72	1	MAR	1970
553.37	10	APR	1970
555.01	28	MAY	1970
555.07	13	JUN	1970
555.18	2	JUL	1970
555.68	4	AUG	1970
555.53	14	SEP	1970
555.49	29	OCT	1970
554.92	15	NOV	1970
555.03	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
556.20													
556.00													
555.80								12	2	4	1		19
555.60							1	19	26	21	6	2	94
555.40							4		2	6	17	8	131
555.20			1	2	4	4	20				4	17	183
555.00		4	7	20	11	25	30	6			1	4	291
554.80		5	17	7	11						1		332
554.60													348
554.40	13	1	2										360
554.20	9	2		1									360
554.00													360
553.80													360
553.60					1								361
553.40					1								362
553.20					1								363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

DAILY WATER LEVELS

NIAGARA RIVER AT AMERICAN FALLS, NIAGARA FALLS, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10 JAN 70		55492	55496	55499	55503	55486	55457	55468	55514	55520	55513					
11	20 JAN 70		55470	55459	55453	55444	55446	55455	55460	55456	55471	55480					
21	31 JAN 70	55475	55481	55479	55470	55461	55469	55475	55474	55470	55460	55479	55471	9 0300	55533	29 1100	55407
1	10 FEB 70		55479	55494	55491	55491	55495	55485	55485	55495	55483	55497					
11	20 FEB 70		55495	55490	55499	55488	55483	55489	55491	55501	55513	55527					
21	28 FEB 70	55493	55509	55511	55505	55510	55506	55491	55457	55446				20 0900	55535	28 1300	55416
1	10 MAR 70		55472	55497	55490	55496	55507	55513	55518	55517	55509	55511					
11	20 MAR 70		55512	55510	55515	55514	55512	55514	55514	55508	55507	55511					
21	31 MAR 70	55506	55516	55518	55522	55525	55520	55512	55499	55494	55475	55482	55482	24 0600	55532	1 1400	55433
1	10 APR 70		55495	55498	55507	55491	55496	55495	55495	55486	55366	55337					
11	20 APR 70		55348	55456	55498	55499	55500	55503	55503	55505	55505	55499					
21	30 APR 70	55489	55506	55508	55531	55520	55535	55538	55528	55508	55505	55504		25 1800	55542	10 2300	55333
1	10 MAY 70		55502			55512	55512	55515	55518	55519	55517	55502					
11	20 MAY 70		55520	55519	55516	55515	55518	55523	55527	55527	55523	55516					
21	31 MAY 70	55514	55514	55514	55508	55508	55514	55512	55507	55501	55504	55508	55505	17 1900	55533	10 0800	55489
1	10 JUN 70		55507	55507	55510	55509	55508	55508	55510	55512	55512	55510					
11	20 JUN 70		55511	55512	55507	55509	55508	55510	55510	55513	55515	55518					
21	30 JUN 70	55512	55515	55515	55514	55516	55517	55512	55515	55518	55520	55512		25 0300	55540	18 2200	55460
1	10 JUL 70		55518	55518	55519	55524	55521	55521	55519	55522	55523	55521					
11	20 JUL 70		55526	55520	55522	55526	55526	55520	55521	55525	55525	55529					
21	31 JUL 70	55528	55529	55524	55528	55531	55536	55536	55544	55548	55552	55552	55561	31 1500	55588	16 2200	55473
1	10 AUG 70		55568	55569	55568	55568	55570	55574	55577	55574	55576	55577					
11	20 AUG 70		55582	55583	55580	55584	55580	55584	55584	55580	55582	55584					
21	31 AUG 70	55576	55574	55572	55574	55578	55581	55585	55581	55585	55579	55582	55577	29 0800	55614	22 2200	55513
1	10 SEP 70		55573	55572	55568	55586	55566	55564	55566	55565	55564	55568					
11	20 SEP 70		55564	55564	55566	55583	55555	55566	55562	55567	55569	55571					
21	30 SEP 70	55569	55572	55568	55562	55570	55572	55575	55580	55580	55576	55583		4 1100	55626	10 2200	55501
1	10 OCT 70		55580	55587	55597	55590	55579	55576	55573	55573	55573	55576					
11	20 OCT 70		55576	55578	55575	55577	55570	55570	55577	55588	55563	55564					
21	31 OCT 70	55570	55565	55566	55561	55560	55555	55565	55556	55551	55549	55552	55561	3 1500	55623	30 1900	55514
1	10 NOV 70		55567	55550	55555	55553	55561	55571	55559	55557	55548	55563					
11	20 NOV 70		55556	55554	55545	55502	55492	55558	55554	55545	55550	55554					
21	30 NOV 70	55550	55573	55566	55597	55553	55544	55546	55533	55531	55538	55535		20 2400	55612	15 0900	55456
1	10 DEC 70		55530	55544	55536	55551	55544	55566	55532	55543	55538	55534					
11	20 DEC 70		55503	55516	55546	55546	55531	55524	55538	55541	55550	55539					
21	31 DEC 70	55536	55528	55519	55521	55563	55541	55538	55537	55540	55536	55536	55518	6 1200	55589	11 2100	55467

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3010

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT NIAGARA INTAKE, NIAGARA FALLS, NEW YORK

YEARLY MEAN ELEVATION 561.50 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 561.92 JUL 1970
 DAILY MEAN ELEVATION 563.25 23 NOV 1970
 INSTANTANEOUS ELEVATION 563.81 0500 9 JAN 1970

MONTHLY MEAN ELEVATION 561.06 FEB 1970
 DAILY MEAN ELEVATION 560.04 15 NOV 1970
 INSTANTANEOUS ELEVATION 559.23 1100 15 NOV 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
563.24	9	JAN	1970
561.52	13	FEB	1970
561.72	27	MAR	1970
561.79	2	APR	1970
561.83	26	MAY	1970
561.97	29	JUN	1970
562.30	20	JUL	1970
562.06	1	AUG	1970
562.12	4	SEP	1970
561.99	3	OCT	1970
563.25	23	NOV	1970
562.44	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
560.80	18	JAN	1970
560.81	28	FEB	1970
560.59	3	MAR	1970
561.17	6	APR	1970
561.41	14	MAY	1970
561.51	13	JUN	1970
561.75	1	JUL	1970
561.68	22	AUG	1970
561.33	14	SEP	1970
561.18	29	OCT	1970
560.04	15	NOV	1970
560.62	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
563.40													2
563.20	1										1		2
563.00													3
562.80	1												3
562.60												1	5
562.40	1										1	1	9
562.20							2				1	1	17
562.00					2	4	3	3	1		1	1	65
561.80						22	15	19	4	3	2	7	160
561.60			1	6	17	22	4	13	7	17	6	6	220
561.40	3	1		13	12	4			3	6	12	8	284
561.20	6	4	6	10						1	4	4	331
561.00	12	9	16	1								2	358
560.80	6	14	5									1	362
560.60	1		2										363
560.40			1										364
560.20											1		365
560.00											1		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

DAILY WATER LEVELS

NIAGARA RIVER AT NIAGARA INTAKE, NIAGARA FALLS, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	56126	56131	56134	56156	56144	56131	56150	56294	56324	56253					
11	20	JAN 70	56108	56121	56112	56108	56116	56129	56093	56080	56102	56116					
21	31	JAN 70	56130	56114	56110	56103	56081	56086	56094	56090	56088	56108	56117	9 0500	56381	26 1652	56044
1	10	FEB 70	56110	56116	56134	56117	56114	56086	56095	56106	56099	56113					
11	20	FEB 70	56134	56134	56152	56098	56086	56091	56084	56092	56104	56133					
21	28	FEB 70	56106	56118	56097	56089	56097	56094	56097	56107	56081		13 0245	56225	15 0100	56042	
1	10	MAR 70	56072	56076	56059	56084	56103	56106	56122	56117	56103	56109					
11	20	MAR 70	56110	56104	56112	56119	56118	56111	56104	56097	56099	56113					
21	31	MAR 70	56107	56122	56103	56121	56122	56119	56124	56172	56125	56089	56081	26 2210	56320	26 1105	56032
1	10	APR 70	56123	56179	56173	56147	56140	56117	56140	56146	56161	56161					
11	20	APR 70	56144	56152	56127	56130	56130	56144	56139	56145	56131	56137					
21	30	APR 70	56147	56165	56171	56149	56155	56153	56154	56151	56140	56148	56149	2 2045	56319	21 2205	56042
1	10	MAY 70	56165	56169	56159	56161	56157	56162	56161	56163	56161	56149					
11	20	MAY 70	56170	56151	56150	56141	56149	56169	56181	56178	56180	56163					
21	31	MAY 70	56163	56160	56160	56152	56153	56163	56183	56177	56159	56163	56166	26 1505	56254	8 2200	56051
1	10	JUN 70	56164	56169	56172	56164	56167	56162	56176	56170	56164	56167					
11	20	JUN 70	56170	56164	56151	56159	56172	56160	56162	56175	56182	56186					
21	30	JUN 70	56170	56175	56189	56170	56173	56161	56154	56170	56176	56197	56176	29 0920	56276	18 2200	56052
1	10	JUL 70	56175	56178	56184	56196	56191	56192	56184	56180	56184	56185					
11	20	JUL 70	56186	56182	56183	56193	56209	56215	56201	56198	56197	56230					
21	31	JUL 70	56192	56221	56192	56182	56191	56196	56185	56190	56189	56183	56177	16 1100	56320	2 2200	56080
1	10	AUG 70	56206	56202	56204	56191	56189	56185	56186	56178	56177	56175					
11	20	AUG 70	56177	56181	56176	56184	56179	56189	56191	56181	56188	56191					
21	31	AUG 70	56183	56175	56168	56172	56179	56183	56186	56177	56189	56170	56182	3 0900	56292	23 2200	56067
1	10	SEP 70	56168	56165	56159	56212	56164	56160	56163	56164	56163	56179					
11	20	SEP 70	56166	56161	56162	56133	56139	56159	56145	56155	56162	56166					
21	30	SEP 70	56162	56170	56163	56139	56158	56159	56163	56168	56172	56161	56172	4 1045	56326	13 2208	56057
1	10	OCT 70	56159	56173	56199	56187	56163	56156	56151	56150	56149	56156					
11	20	OCT 70	56150	56159	56151	56164	56149	56152	56168	56189	56140	56142					
21	31	OCT 70	56152	56145	56150	56141	56139	56130	56148	56131	56123	56118	56132	3 1500	56280	29 2000	56066
1	10	NOV 70	56137	56115	56126	56123	56144	56162	56140	56132	56124	56144					
11	20	NOV 70	56133	56133	56120	56023	56004	56153	56143	56127	56134	56169					
21	30	NOV 70	56140	56224	56203	56325	56182	56155	56152	56119	56111	56122	56129	23 0120	56368	15 1100	55923
1	10	DEC 70	56124	56171	56127	56184	56156	56237	56128	56150	56166	56156					
11	20	DEC 70	56062	56097	56166	56172	56135	56115	56135	56137	56168	56169					
21	31	DEC 70	56145	56115	56104	56109	56244	56159	56163	56153	56152	56141	56135	6 0855	56321	11 2040	55972

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3012

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT THE LA SALLE YACHT CLUB, NIAGARA FALLS, NEW YORK

YEARLY MEAN ELEVATION 561.92 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 562.35 JUL 1970
 DAILY MEAN ELEVATION 563.85 9 JAN 1970
 INSTANTANEOUS ELEVATION 564.61 0442 9 JAN 1970

MONTHLY MEAN ELEVATION 561.47 FEB 1970
 DAILY MEAN ELEVATION 560.64 15 NOV 1970
 INSTANTANEOUS ELEVATION 560.02 0920 15 NOV 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
563.85	9	JAN	1970
561.92	13	FEB	1970
562.17	27	MAR	1970
562.18	2	APR	1970
562.24	26	MAY	1970
562.41	29	JUN	1970
562.73	20	JUL	1970
562.51	1	AUG	1970
562.60	4	SEP	1970
562.46	3	OCT	1970
563.68	23	NOV	1970
562.91	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
561.21	18	JAN	1970
561.22	28	FEB	1970
560.92	3	MAR	1970
561.56	1	APR	1970
561.80	14	MAY	1970
561.92	13	JUN	1970
562.19	1	JUL	1970
562.09	22	AUG	1970
561.70	14	SEP	1970
561.59	29	OCT	1970
560.64	15	NOV	1970
560.95	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
564.00													1
563.80	1												2
563.60											1		3
563.40	1												3
563.20													3
563.00												2	6
562.80	1						2				1		9
562.60						1	4	3	1	1	1		20
562.40						4	24	17	1	2		1	70
562.20					1	23	1	11	22	5	3	8	164
562.00			1	6	14	2			4	17	7	5	234
561.80	3	2		15	15	1			2	5	12	8	286
561.60	7	4	6	7	1							4	332
561.40	11	9	16	2						1	3		358
561.20	7	13	4									2	361
561.00			3										363
560.80			1									1	365
560.60											2		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3013

DAILY WATER LEVELS

NIAGARA RIVER AT THE LA SALLE YACHT CLUB, NIAGARA FALLS, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10	JAN 70	56163	56171	56176	56199	56190	56174	56198	56355	56385	56297				
11	20	JAN 70	56159	56166	56165	56158	56159	56169	56134	56171	56143	56159				
21	31	JAN 70	56175	56156	56153	56150	56130	56131	56135	56130	56126	56148	56150	56160	9 0442	56461 28 1500 56090
1	10	FEB 70	56152	56155	56177	56161	56156	56127	56135	56145	56137	56153				
11	20	FEB 70	56178	56182	56192	56141	56128	56132	56125	56132	56144	56175				
21	28	FEB 70	56147	56158	56138	56128	56139	56134	56137	56146	56122		13 0235	56261	15 0045	56084
1	10	MAR 70	56110	56112	56092	56122	56144	56146	56164	56160	56144	56151				
11	20	MAR 70	56153	56144	56153	56160	56158	56158	56151	56138	56140	56155				
21	31	MAR 70	56148	56167	56142	56165	56165	56159	56169	56217	56167	56130	56120	56143	26 2205	56374 3 0005 56078
1	10	APR 70	56156	56218	56216	56189	56181	56157	56180	56189	56205	56205				
11	20	APR 70	56185	56189	56163	56168	56168	56183	56178	56184	56166	56177				
21	30	APR 70	56187	56211	56216	56190	56197	56195	56196	56192	56182	56190	56191		2 2045	56368 1 2205 56083
1	10	MAY 70	56205	56210	56199	56200	56198	56202	56198	56202	56200	56190				
11	20	MAY 70	56209	56192	56190	56180	56189	56210	56220	56218	56220	56203				
21	31	MAY 70	56202	56199	56200	56188	56193	56205	56224	56217	56198	56200	56205	56205	26 1450	56295 8 2200 56103
1	10	JUN 70	56205	56210	56214	56205	56210	56203	56216	56212	56202	56207				
11	20	JUN 70	56212	56205	56192	56201	56215	56201	56206	56222	56230	56228				
21	30	JUN 70	56212	56217	56230	56213	56218	56202	56196	56212	56219	56241	56219		28 0905	56320 18 2200 56110
1	10	JUL 70	56219	56221	56225	56246	56239	56234	56229	56225	56226	56230				
11	20	JUL 70	56231	56227	56226	56237	56257	56259	56242	56238	56237	56273				
21	31	JUL 70	56235	56264	56235	56224	56234	56239	56228	56234	56232	56226	56221	56233	16 1100	56358 2 2200 56131
1	10	AUG 70	56251	56244	56247	56232	56230	56227	56228	56218	56216	56215				
11	20	AUG 70	56219	56224	56218	56226	56222	56231	56232	56221	56233	56235				
21	31	AUG 70	56226	56219	56209	56215	56221	56225	56231	56220	56234	56212	56227	56215	3 0800	56331 22 2210 56116
1	10	SEP 70	56211	56209	56205	56260	56210	56204	56206	56207	56206	56223				
11	20	SEP 70	56209	56203	56202	56170	56178	56202	56186	56199	56204	56208				
21	30	SEP 70	56205	56213	56208	56182	56200	56203	56208	56212	56215	56205	56215		4 1050	56376 13 2205 56105
1	10	OCT 70	56198	56216	56246	56231	56203	56197	56188	56189	56189	56199				
11	20	OCT 70	56191	56201	56193	56206	56192	56194	56208	56238	56181	56182				
21	31	OCT 70	56193	56186	56190	56182	56178	56168	56185	56171	56162	56159	56172	56185	3 1515	56329 29 2005 56112
1	10	NOV 70	56177	56157	56169	56165	56188	56206	56183	56170	56162	56184				
11	20	NOV 70	56171	56172	56158	56072	56064	56199	56185	56167	56174	56215				
21	30	NOV 70	56183	56267	56246	56368	56220	56192	56193	56163	56153	56165	56172		23 0130	56414 15 0920 56002
1	10	DEC 70	56174	56213	56168	56227	56202	56282	56170	56192	56208	56173				
11	20	DEC 70	56095	56131	56209	56214	56171	56149	56177	56182	56212	56214				
21	31	DEC 70	56186	56152	56143	56149	56291	56198	56206	56194	56194	56180	56172	56136	6 0910	56363 11 2030 56011

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 3013

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT THE HUNTLEY STATION, TONAWANDA, NEW YORK

YEARLY MEAN ELEVATION 564.82 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 565.19 OCT 1970
 DAILY MEAN ELEVATION 566.72 9 JAN 1970
 INSTANTANEOUS ELEVATION 567.62 2200 20 NOV 1970

MONTHLY MEAN ELEVATION 564.20 FEB 1970
 DAILY MEAN ELEVATION 563.46 3 MAR 1970
 INSTANTANEOUS ELEVATION 563.25 1000 4 SEP 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.72	9	JAN	1970
564.62	12	FEB	1970
564.90	27	MAR	1970
565.15	7	APR	1970
565.22	26	MAY	1970
565.20	19	JUN	1970
565.23	13	JUL	1970
565.48	31	AUG	1970
565.85	14	SEP	1970
566.06	8	OCT	1970
566.62	23	NOV	1970
565.78	6	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
563.90	28	JAN	1970
563.94	9	FEB	1970
563.46	3	MAR	1970
564.22	1	APR	1970
564.63	14	MAY	1970
564.66	13	JUN	1970
564.30	20	JUL	1970
564.98	12	AUG	1970
564.60	4	SEP	1970
564.36	10	OCT	1970
563.82	14	NOV	1970
564.19	10	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
566.80													
566.60	1										1		2
566.40													2
566.20	1												3
566.00										2			4
565.80	6								1	2			14
565.60												1	15
565.40								2	3	2	1		23
565.20					1		2	8	9	2	2	1	48
565.00	2			2	7	9	11	18	12	1	3	2	115
564.80	1		1	6	20	18	12	3	4	1	1	1	183
564.60	2	1	1	12	3	3	4			4	8	1	222
564.40	1	4	4	7			1		1	1	9	5	255
564.20	6	4	12	3			1			1	3	1	286
564.00	9	18	9								1	1	324
563.80	2	1	2								1		330
563.60			1										331
563.40			1										332

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 3016

NIAGARA RIVER AT THE HUNTLEY STATION, TONAWANCA, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	INSTANTANEOUS ELEV.		
1	10	JAN 70	56437	56450	56464	56493	56480	56440	56502	56639	56672	56583						
11	20	JAN 70	56583	56582	56582	56582	56582	56516	56418	56415	56432	56437						
21	31	JAN 70	56479	56417	56418	56413	56418	56411	56406	56397	56390	56417	56421	56435	9 1300	56734	28 1500	56360
1	10	FEB 70	56416	56417	56447	56434	56429	56408	56409	56409	56394	56423						
11	20	FEB 70	56454	56462	56443	56416	56411	56414	56401	56401	56417	56441						
21	28	FEB 70	56420	56435	56416	56403	56413	56413	56404	56407	56433				13 0100	56499	15 0200	56370
1	10	MAR 70	56334	56368	56346	56370	56414	56412	56427	56424	56415	56427						
11	20	MAR 70	56431	56415	56427	56432	56435	56421	56406	56412	56427							
21	31	MAR 70	56423	56454	56439	56454	56453	56436	56463	56430	56446	56417	56406	56428	26 2100	56670	3 0200	56326
1	10	APR 70	56422	56515	56538	56477	56464	56448	56453	56468	56437	56484						
11	20	APR 70	56468	56457	56429	56442	56447	56455	56460	56463	56424	56460						
21	30	APR 70	56458	56479	56484	56471	56474	56484	56484	56476	56470	56476	56477		2 2000	56716	2 0300	56348
1	10	MAY 70	56492	56499	56439	56488	56493	56492	56485	56493	56488	56482						
11	20	MAY 70	56491	56476	56481	56463	56480	56509	56518	56504	56510	56494						
21	31	MAY 70	56493	56490	56497	56431	56481	56499	56522	56507	56487	56489	56505	56503	26 1400	56580	15 0200	56424
1	10	JUN 70	56495	56497	56477	56490	56477	56499	56502	56502	56495	56493						
11	20	JUN 70	56497	56491	56466	56472	56475	56488	56476	56514	56520	56507						
21	30	JUN 70	56496	56489	56507	56475	56506	56487	56474	56489	56473	56515	56501		18 1400	56575	13 2400	56428
1	10	JUL 70	56506	56516	56513	56487	56490	56508	56511	56518	56522	56514						
11	20	JUL 70	56510	56515	56523	56511	56483	56476	56437	56467	56478	56430						
21	31	JUL 70	56496	56446	56475	56492	56474	56492	56497	56493	56473	56498	56500	56519	2 2300	56558	16 1100	56390
1	10	AUG 70	56512	56515	56519	56536	56536	56539	56510	56510	56510	56511						
11	20	AUG 70	56504	56498	56497	56503	56517	56500	56513	56534	56511	56505						
21	31	AUG 70	56517	56524	56536	56521	56519	56516	56503	56518	56503	56541	56523	56548	22 2300	56588	3 0300	56443
1	10	SEP 70	56528	56530	56520	56460	56516	56530	56538	56529	56531	56499						
11	20	SEP 70	56524	56537	56546	56585	56560	56517	56543	56516	56539	56509						
21	30	SEP 70	56519	56501	56498	56533	56516	56507	56476	56501	56471	56501	56504		13 2400	56620	4 1000	56325
1	10	OCT 70	56523	56533	56519	56548	56593	56589	56602	56606	56547	56436						
11	20	OCT 70	56468	56473	56489	56461	56470	56451										
21	31	OCT 70	56510												8 2300	56636	10 1000	56348
1	10	NOV 70	56464	56434	56463	56455	56485	56502	56472	56441	56441	56465						
11	20	NOV 70	56445	56450	56435	56382	56401	56501	56477	56450	56461	56522						
21	30	NOV 70	56471	56555	56538	56662	56507	56473	56473	56442	56431	56449	56456		20 2200	56762	14 2300	56332
1	10	DEC 70	56448	56510	56451	56528	56510	56578	56455	56430	56438	56419						
11	20	DEC 70																
21	31	DEC 70	56477												4 0800	56684	10 2400	56366

STATION NUMBER 3016

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT BLACK ROCK CANAL, BUFFALO, NEW YORK

YEARLY MEAN ELEVATION 565.49 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 565.94 JUL 1970
 DAILY MEAN ELEVATION 567.38 23 NOV 1970
 INSTANTANEOUS ELEVATION 568.55 2230 20 NOV 1970

MONTHLY MEAN ELEVATION 564.98 MAR 1970
 DAILY MEAN ELEVATION 564.28 3 MAR 1970
 INSTANTANEOUS ELEVATION 563.84 1940 11 DEC 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
567.37	8	JAN	1970
565.37	12	FEB	1970
565.63	27	MAR	1970
565.88	2	APR	1970
566.04	26	MAY	1970
566.16	29	JUN	1970
566.46	20	JUL	1970
566.13	3	AUG	1970
566.36	4	SEP	1970
566.26	3	OCT	1970
567.38	23	NOV	1970
566.74	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
564.67	28	JAN	1970
564.69	9	FEB	1970
564.28	3	MAR	1970
564.88	1	APR	1970
565.38	14	MAY	1970
565.46	13	JUN	1970
565.77	13	JUL	1970
565.60	10	AUG	1970
565.06	14	SEP	1970
565.04	25	OCT	1970
564.57	14	NOV	1970
564.37	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
567.60													
567.40													
567.20	2										1		3
567.00													3
566.80													3
566.60												1	4
566.40							1					1	6
566.20	1						2		1	1	1		12
566.00						1	4	4		1	2	1	27
565.80				1	3	6	19	13	2	1		5	77
565.60	2		1	3	18	19	5	13	18	2	4	3	165
565.40	3			11	8	3		1	5	6	4	4	210
565.20	6	5	4	9	1				3	12	9	8	267
565.00	8	4	11	3					1	8	7	2	311
564.80	7	17	9	3							1	4	352
564.60	2	1	3										358
564.40			2								1	1	362
564.20			1									1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3017

DAILY WATER LEVELS

NIAGARA RIVER AT BLACK ROCK CANAL, BUFFALO, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELFV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	56507	56524	56542	56573	56553	56508	56574	56737	56726	56626			
11	20	JAN 70	56534	56532	56553	56533	56512	56527	56482	56481	56498	56513			
21	31	JAN 70	56533	56506	56516	56528	56499	56489	56488	56478	56467	56496	56503	56512	9 0243 56843 28 1530 56437
1	10	FEB 70	56496	56493	56524	56509	56503	56482	56484	56484	56469	56502			
11	20	FEB 70	56535	56537	56522	56492	56487	56490	56481	56482	56499	56522			
21	28	FEB 70	56498	56511	56496	56488	56492		56484	56492	56482		13 0110 56585	15 0215 56445	
1	10	MAR 70	56460	56451	56428	56476	56498	56493	56509	56505	56493	56500			
11	20	MAR 70	56504	56489	56501	56506	56505	56510	56494	56481	56486	56501			
21	31	MAR 70	56498	56527	56478	56529	56527	56507	56540	56563	56519	56487	56478	56501	26 2125 56773 3 0130 56403
1	10	APR 70	56488	56588	56578	56548	56533	56519	56540	56539	56562	56559			
11	20	APR 70	56540	56528	56497	56512	56519	56526	56534	56535	56490	56530			
21	30	APR 70	56539	56576	56555	56545	56544	56545	56546	56547	56544	56549	56550		2 2000 56810 2 0255 56406
1	10	MAY 70	56564	56573	56562	56563	56569	56569	56560	56568	56564	56559			
11	20	MAY 70	56566	56554	56558	56538	56555	56578	56588	56578	56586	56571			
21	31	MAY 70	56569	56568	56577	56560	56559	56580	56604	56587	56565	56559	56575	56574	26 1400 56662 15 0155 56495
1	10	JUN 70	56573	56576	56576	56568	56574	56573	56578	56584	56576	56574			
11	20	JUN 70	56577	56571	56546	56553	56575	56568	56576	56595	56602	56589			
21	30	JUN 70	56576	56568	56588	56578	56586	56562	56557	56572	56574	56616	56586		18 1400 56663 13 2400 56508
1	10	JUL 70	56577	56578	56584	56611	56608	56590	56587	56583	56578	56585			
11	20	JUL 70	56590	56586	56577	56590	56619	56627	56605	56596	56586	56646			
21	31	JUL 70	56594	56526	56597	56579	56593	56594	56599	56593	56592	56587	56585	56589	16 1000 56716 8 2300 56541
1	10	AUG 70	56608	56606	56613	56583	56584	56582	56576	56562	56562	56560			
11	20	AUG 70	56549	56574	56573	56577	56574	56593	56586	56564	56590	56597			
21	31	AUG 70	56582	56577	56562	56581	56581	56584	56598	56582	56606	56574	56599	56577	3 0715 56678 22 2315 56511
1	10	SEP 70	56576	56562	56575	56636	56580	56564	56553	56565	56563	56597			
11	20	SEP 70	56572	56554	56544	56506	56534	56569	56540	56565	56561	56560			
21	30	SEP 70	56565	56569	56575	56537	56556	56564	56575	56569	56583	56573	56566		4 0930 56802 13 2345 56465
1	10	OCT 70	56548	56573	56626	56593	56547	56552	56537	56533	56530	56555			
11	20	OCT 70	56518	56540	56532	56549	56540	56553	56563	56603	56519	56522			
21	31	OCT 70	56541	56531	56537	56534	56515	56504	56516	56510	56510	56513	56525	56537	3 1500 56734 25 1945 56473
1	10	NOV 70	56536	56505	56539	56528	56563	56578	56546	56515	56513	56540			
11	20	NOV 70	56518	56525	56508	56457	56484	56578	56551	56522	56534	56601			
21	30	NOV 70	56545	56628	56614	56738	56579	56550	56544	56513	56501	56522	56525		20 2230 56855 14 2340 56403
1	10	DEC 70	56519	56580	56521	56601	56583	56650	56526	56549	56568	56525			
11	20	DEC 70	56437	56449	56582	56568	56524	56498	56537	56533	56583	56581			
21	31	DEC 70	56544	56483	56492	56509	56674	56550	56580	56553	56555	56532	56523	56489	4 0750 56778 11 1940 56384

INTERNATIONAL GREAT LAKES DATUM (1985)

STATION NUMBER 3017

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT TONAWANDA ISLAND, TONAWANDA, NEW YORK

YEARLY MEAN ELEVATION 564.03 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 564.39 JUL 1970
 DAILY MEAN ELEVATION 565.80 9 JAN 1970
 INSTANTANEOUS ELEVATION 566.66 0355 9 JAN 1970

LOWEST

MONTHLY MEAN ELEVATION 563.58 FEB 1970
 DAILY MEAN ELEVATION 562.96 3 MAR 1970
 INSTANTANEOUS ELEVATION 561.50 2400 1 NOV 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
565.80	9	JAN	1970
564.00	12	FEB	1970
564.31	27	MAR	1970
564.42	3	APR	1970
564.47	26	MAY	1970
564.48	19	JUN	1970
564.82	20	JUL	1970
564.58	3	AUG	1970
564.79	4	SEP	1970
564.70	3	OCT	1970
565.76	23	NOV	1970
565.12	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
563.31	28	JAN	1970
563.34	9	FEB	1970
562.96	3	MAR	1970
563.58	19	APR	1970
563.90	14	MAY	1970
563.97	13	JUN	1970
564.23	13	JUL	1970
564.13	10	AUG	1970
563.67	14	SEP	1970
563.65	25	OCT	1970
563.17	14	NOV	1970
563.07	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
566.00													
565.80													
565.60	1										1		2
565.40	1												3
565.20													3
565.00												1	4
564.80	1						1				1	1	8
564.60							3		1	1			13
564.40				1	1	3	4	8	1	2	1	1	35
564.20	2		1	2	10	16	23	17	11	1	4	8	130
564.00	3			12	19	10		6	13	9	4	4	210
563.80	7	4	5	9	1	1			3	11	8	7	266
563.60	6	4	11	4					1	6	8	3	309
563.40	7	17	10	2							1	4	350
563.20	3	3	2								1		359
563.00			1								1	2	363
562.80			1										364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3018

DAILY WATER LEVELS

NIAGARA RIVER AT TONAWANDA ISLAND, TONAWANDA, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10 JAN 70		56367	56381	56392	56420	56413	56381	56430	56557	56580	56497				
11	20 JAN 70		56424	56395	56409	56394	56375	56384	56342	56337	56354	56372				
21	31 JAN 70	56392	56363	56374	56388	56360	56350	56344	56336	56331	56356	56360	56376	9 0355	56666	28 1515 56300
1	10 FEB 70		56359	56358	56389	56377	56372	56344	56347	56347	56334	56359				
11	20 FEB 70		56390	56400	56385	56354	56346	56346	56338	56340	56353	56377				
21	28 FEB 70	56358	56374	56353	56345	56351	56348	56346	56354	56345			13 0140	56433	15 0200	56311
1	10 MAR 70		56322	56317	56296	56336	56359	56358	56374	56370	56356	56363				
11	20 MAR 70		56368	56351	56362	56367	56365	56370	56360	56347	56349	56364				
21	31 MAR 70	56361	56388	56346	56387	56388	56372	56389	56431	56383	56351	56342	56362	26 2215	56600	2 2400 56279
1	10 APR 70		56358	56439	56442	56410	56398	56379	56398	56401	56418	56413				
11	20 APR 70		56398	56388	56362	56372	56378	56387	56390	56392	56358	56390				
21	30 APR 70	56398	56428	56419	56403	56404	56406	56404	56403	56397	56404	56404	2 2045	56624	2 0340	56294
1	10 MAY 70		56417	56422	56413	56414	56417	56416	56413	56418	56415	56409				
11	20 MAY 70		56418	56404	56405	56390	56403	56426	56436	56430	56435	56419				
21	31 MAY 70	56418	56415	56422	56407	56406	56426	56447	56433	56412	56410	56423	56422	26 1445	56506	15 0135 56354
1	10 JUN 70		56418	56424	56421	56417	56422	56419	56424	56429	56422	56422				
11	20 JUN 70		56426	56419	56397	56403	56423	56417	56425	56441	56448	56438				
21	30 JUN 70	56424	56420	56438	56427	56433	56412	56405	56417	56424	56442	56436	1 0445	56578	13 1735	56356
1	10 JUL 70		56423	56423	56428	56453	56449	56435	56432	56427	56424	56430				
11	20 JUL 70		56432	56430	56423	56435	56462	56466	56449	56440	56434	56482				
21	31 JUL 70	56439	56469	56440	56426	56438	56441	56435	56438	56437	56434	56431	56438	16 1100	56549	2 2300 56380
1	10 AUG 70		56454	56451	56458	56433	56434	56431	56428	56416	56414	56413				
11	20 AUG 70		56419	56425	56423	56428	56426	56442	56437	56418	56437	56443				
21	31 AUG 70	56432	56427	56416	56428	56430	56433	56444	56430	56450	56422	56443	56426	3 0800	56518	22 2231 56362
1	10 SEP 70		56427	56416	56423	56479	56429	56416	56410	56419	56416	56443				
11	20 SEP 70		56422	56410	56405	56367	56388	56420	56396	56415	56415	56414				
21	30 SEP 70	56417	56422	56425	56394	56410	56418	56425	56422	56430	56421	56421	4 0945	56599	14 0100	56335
1	10 OCT 70		56403	56426	56470	56446	56407	56410	56406		56391	56410				
11	20 OCT 70		56385	56403	56395	56409	56399	56408	56416	56453	56381	56386				
21	31 OCT 70	56399	56390	56394	56389	56380	56365	56377	56370	56367	56369	56382	56395	3 1540	56558	25 2000 56334
1	10 NOV 70		56384	56367	56389	56383	56409	56426	56402	56373	56371	56394				
11	20 NOV 70		56375	56382	56366	56317	56327	56428	56407	56380	56391	56440				
21	30 NOV 70	56396	56481	56455	56576	56431	56403	56399	56371	56360	56378	56386	20 2310	56657	1 2400	56150
1	10 DEC 70		56380	56437	56379	56449	56429	56498	56383	56406	56423	56385				
11	20 DEC 70		56307	56318	56428	56435	56382	56358	56391	56390	56431	56433				
21	31 DEC 70	56400	56352	56351	56363	56512	56405	56426	56407	56409	56390	56382	56350	4 0755	56579	11 2020 56249

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3018

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT PEACE BRIDGE, BUFFALO, NEW YORK

YEARLY MEAN ELEVATION 567.74 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 568.29 JUL 1970
 DAILY MEAN ELEVATION 569.79 23 NOV 1970
 INSTANTANEOUS ELEVATION 571.66 1715 20 NOV 1970

MONTHLY MEAN ELEVATION 567.08 FEB 1970
 DAILY MEAN ELEVATION 566.38 3 MAR 1970
 INSTANTANEOUS ELEVATION 565.72 0245 2 APR 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
569.60	8	JAN	1970
567.37	20	FEB	1970
567.85	26	MAR	1970
568.30	2	APR	1970
568.41	26	MAY	1970
568.52	18	JUN	1970
568.83	20	JUL	1970
568.49	3	AUG	1970
568.66	4	SEP	1970
568.67	3	OCT	1970
569.79	23	NOV	1970
568.84	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.79	28	JAN	1970
566.97	17	FEB	1970
566.38	3	MAR	1970
567.00	1	APR	1970
567.63	14	MAY	1970
567.72	13	JUN	1970
568.03	13	JUL	1970
567.82	22	AUG	1970
567.18	14	SEP	1970
567.23	25	OCT	1970
566.83	14	NOV	1970
566.46	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
570.00													
569.80													
569.60											1		1
569.40	1												2
569.20													2
569.00	1												3
568.80							1					1	5
568.60							2		1	1	2	1	12
568.40					1	1	4	2	1	1	1		22
568.20				1	1	5	12	6	1	1		6	55
568.00	2			1	14	18	12	15	6	1	2	3	129
567.80	1		1	6	13	5		8	14	3	5	4	189
567.60	2		1	13	2	1			4	7	4	3	226
567.40	2		3	5					3	11	10	7	267
567.20	5	2	12	1						6	4	2	299
567.00	10	12	8	2				1				1	333
566.80	6	6	3	1							1	1	351
566.60	1		2									1	355
566.40												1	356
566.20			1										357

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3019

DAILY WATER LEVELS

NIAGARA RIVER AT PEACE BRIDGE, BUFFALO, NEW YORK

		MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV. DAY TIME		
1	10	JAN 70	56729	56750	56771	56810	56779	56717	56790	56960	56914	56812						
11	20	JAN 70	56727	56737	56752	56726	56702	56723	56690	56693	56706	56712						
21	31	JAN 70	56739	56708	56711	56717	56697	56689	56696	56688	56679	56710	56710	56719	9 0015	57077	28 1130	56631
1	10	FEB 70		56707	56705	56729	56706											
11	20	FEB 70				56716	56697	56700	56701	56697	56698	56714	56737					
21	26	FEB 70	56708	56714	56713	56701	56707	56708	56699	56709	56700			27 1400	56795	15 0200	56649	
1	10	MAR 70		56675	56661	56638	56697	56717	56714	56729	56721	56712	56721					
11	20	MAR 70		56727	56709	56724	56730	56726	56733	56714	56701	56706	56726					
21	31	MAR 70	56719	56755	56693	56760	56758	56730	56785	56771	56740	56702	56697	56729	26 2000	57106	26 0705	56586
1	10	APR 70		56700	56830	56798	56774	56756	56748	56771	56769	56790	56783					
11	20	APR 70		56762	56748	56715	56737	56743	56750	56761	56762	56703	56764					
21	30	APR 70	56766	56812	56776	56776	56770	56783	56776	56779	56778	56781	56784		2 2000	57130	2 0245	56572
1	10	MAY 70		56803	56806	56796	56797	56805	56802	56792	56801	56795	56791					
11	20	MAY 70		56793	56779	56787	56763	56785	56809	56821	56808	56820	56803					
21	31	MAY 70	56801	56799	56810	56789	56788	56819	56841	56820	56792	56786	56809	56808	25 1335	56922	15 0155	56665
1	10	JUN 70		56807	56810	56810	56805	56806	56813	56816	56817	56810	56814					
11	20	JUN 70		56815	56792	56772	56796	56808	56812	56820	56852	56828	56805					
21	30	JUN 70	56810	56797	56821	56812	56827	56793	56788	56802	56805	56834	56824		18 0140	56936	13 1400	56732
1	10	JUL 70		56840	56869	56815	56847	56845	56823	56819	56815	56805	56815					
11	20	JUL 70		56821	56815	56803	56821	56854	56861	56840	56827	56812	56883					
21	31	JUL 70	56829	56856	56830	56807	56824	56826	56820	56825	56824	56820	56820	56827	16 0900	56976	19 0600	56766
1	10	AUG 70		56843	56840	56849	56812	56814	56813	56804	56789	56791	56789					
11	20	AUG 70		56801	56805	56806	56810	56805	56828	56813	56744	56815	56825					
21	31	AUG 70	56809	56799	56782	56803	56803	56806	56823	56803	56830	56791	56822	56793	3 0750	56931	22 2330	56736
1	10	SEP 70		56799	56782	56803	56866	56807	56789	56773	56790	56786	56828					
11	20	SEP 70		56798	56776	56760	56718	56756	56797	56760	56792	56784	56782					
21	30	SEP 70	56789	56795	56804	56762	56776	56791	56805	56795	56813	56805	56792		4 0930	57091	13 2335	56673
1	10	OCT 70		56771	56807	56867	56824	56772	56783	56761	56756	56752	56782					
11	20	OCT 70		56736	56764	56756	56774	56764	56780	56785	56843	56741	56747					
21	31	OCT 70	56765	56754	56760	56757	56743	56723	56729	56733	56726	56734	56745	56756	3 1530	56978	11 1200	56704
1	10	NOV 70		56764	56749	56749	56765	56783	56799	56800	56743	56741	56760					
11	20	NOV 70		56754	56747	56730	56683	56731	56815	56782	56750	56765	56863					
21	30	NOV 70	56777	56858	56869	56979	56808	56786	56776	56740	56725	56754	56751		20 1715	57166	14 2230	56628
1	10	DEC 70		56754	56819	56748	56835	56828	56876	56751	56784	56802	56748					
11	20	DEC 70		56646	56665	56823	56827	56745	56722	56767	56762	56826	56814					
21	31	DEC 70	56774	56695	56721	56745	56884	56781	56823	56787	56790	56762	56752	56714	4 0730	57117	11 1635	56576

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3019

ANNUAL SUMMARY OF LEVELS
 NIAGARA RIVER AT ONTARIO STREET, BUFFALO, NEW YORK

YEARLY MEAN ELEVATION 565.02 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 565.43 JUL 1970
 DAILY MEAN ELEVATION 566.97 8 JAN 1970
 INSTANTANEOUS ELEVATION 568.54 2215 20 NOV 1970

LOWEST

MONTHLY MEAN ELEVATION 564.51 MAR 1970
 DAILY MEAN ELEVATION 563.86 3 MAR 1970
 INSTANTANEOUS ELEVATION 563.40 1941 11 DEC 1970

HIGHEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
566.97	8	JAN	1970
565.00	12	FEB	1970
565.18	27	MAR	1970
565.38	2	APR	1970
565.57	26	MAY	1970
565.55	19	JUN	1970
565.93	20	JUL	1970
565.86	3	AUG	1970
565.89	4	SEP	1970
565.78	3	OCT	1970
566.92	23	NOV	1970
566.26	24	DEC	1970

LOWEST DAILY MEAN
 FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
564.27	28	JAN	1970
564.31	9	FEB	1970
563.86	3	MAR	1970
564.40	1	APR	1970
564.91	14	MAY	1970
565.00	14	JUN	1970
565.23	13	JUL	1970
565.13	10	AUG	1970
564.61	14	SEP	1970
564.55	27	OCT	1970
564.11	14	NOV	1970
563.96	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
567.20													
567.00													
566.80	2										1		3
566.60													3
566.40													3
566.20												1	4
566.00												1	5
565.80	1						1	1	1		1		10
565.60							3			1	1		15
565.40					1	4	10	8	1	2	1	1	43
565.20	2			3	11	18	17	16	10	1	3	8	132
565.00	2		1	3	18	7		6	13	7	4	4	197
564.80	6	3		17	1	1			4	11	7	3	250
564.60	9	4	11	4					1	7	9	7	302
564.40	5	16	10	2						2	1	4	342
564.20	4	4	6	1							1		358
564.00			2								1	1	362
563.80			1									1	364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

DAILY WATER LEVELS

NIAGARA RIVER AT ONTARIO STREET, BUFFALO, NEW YORK

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS FLEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	56471	56479	56493	56521	56515	56471	56534	56697	56684	56592					
11	20	JAN 70	56500	56491	56513	56497	56474	56488	56440	56439	56456	56472					
21	31	JAN 70	56492	56465	56476	56490	56461	56450	56444	56436	56427	56457	56460	56474	9 0200	56794	28 1415 56395
1	10	FEB 70	56454	56439		56458	56467	56444	56445	56445	56431	56461					
11	20	FEB 70	56494	56500	56483	56453	56449	56449	56440	56440	56456	56479					
21	28	FEB 70	56456	56473	56454	56446	56450	56452	56444	56453	56442				13 0105	56544	15 0210 56400
1	10	MAR 70	56418	56412	56386	56430	56452	56449	56463	56462	56448	56455					
11	20	MAR 70	56461	56445	56458	56463	56462	56463	56448	56434	56436	56448					
21	31	MAR 70	56451	56478	56429	56476	56475	56456	56478	56518	56469	56438	56427	56450	26 2205	56716	3 0150 56357
1	10	APR 70	56440	56538	56530	56500	56486	56471	56493	56493	56518	56513					
11	20	APR 70	56493	56481	56454	56465	56472	56480	56484	56486	56445	56483					
21	30	APR 70	56492	56529	56512	56498	56498	56500	56498	56500	56495	56500	56500		2 2000	56757	2 0245 56363
1	10	MAY 70	56514	56526	56513	56514	56520	56519	56513	56520	56516	56510					
11	20	MAY 70	56517	56503	56507	56491	56505	56529	56539	56531	56537	56522					
21	31	MAY 70	56520	56520	56528	56509	56510	56526	56557	56537	56518	56511	56529	56527	26 1635	56615	15 1325 56442
1	10	JUN 70	56532	56528	56523	56517	56522	56518	56524	56529	56525	56525					
11	20	JUN 70	56532	56525	56502	56500	56529	56519	56528	56550	56555	56539					
21	30	JUN 70	56527	56520	56542	56530	56536	56515	56506	56522	56528	56552	56539		18 1500	56613	26 0100 56449
1	10	JUL 70	56525	56525	56531	56559	56556	56537	56535	56529	56525	56530					
11	20	JUL 70	56537	56534	56523	56535	56566	56575	56553	56545	56534	56593					
21	31	JUL 70	56543	56575	56547	56529	56542	56544	56540	56544	56541	56537	56536	56544	16 1000	56669	8 2305 56481
1	10	AUG 70	56557	56555	56586	56535	56536	56533	56530	56517	56515	56513					
11	20	AUG 70	56520	56526	56526	56531	56528	56548	56540	56519	56541	56548					
21	31	AUG 70	56536	56530	56516	56533	56535	56538	56551	56535	56557	56528	56551	56529	3 0710	56633	22 2310 56459
1	10	SEP 70	56529	56517	56527	56589	56533	56517	56506	56519	56516	56550					
11	20	SEP 70	56524	56507	56499	56461	56486	56520	56492	56516	56513	56513					
21	30	SEP 70	56517	56528	56522	56491	56503	56514	56528	56521	56534	56523	56519		4 0935	56754	13 2345 56421
1	10	OCT 70	56502	56527	56578	56547	56502	56507	56491	56489	56487	56509					
11	20	OCT 70	56475	56496	56490	56503	56494	56507	56515	56558	56477	56481					
21	31	OCT 70	56496	56488	56489	56485	56473	56460	56476	56455	56463	56465	56480	56493	3 1500	56685	25 1945 56415
1	10	NOV 70	56492	56462	56492	56485	56516	56531	56504	56470	56468	56495					
11	20	NOV 70	56474	56481	56463	56411	56433	56530	56505	56476	56489	56550					
21	30	NOV 70	56500	56582	56567	56692	56535	56505	56500	56468	56456	56476	56479		20 2215	56854	14 2215 56354
1	10	DEC 70	56472	56534	56474	56552	56536	56602	56480	56502	56521	56479					
11	20	DEC 70	56396	56409	56534	56540	56479	56453	56490	56489	56537	56535					
21	31	DEC 70	56499	56443	56448	56463	56626	56505	56534	56508	56510	56487	56480	56445	4 0745	56720	11 1941 56340

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3117

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT BUFFALO HARBOR, BUFFALO, NEW YORK

YEARLY MEAN ELEVATION 571.11 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 571.67 JUL 1970
DAILY MEAN ELEVATION 573.14 23 NOV 1970
INSTANTANEOUS ELEVATION 576.16 1800 20 NOV 1970

MONTHLY MEAN ELEVATION 570.46 FEB 1970
DAILY MEAN ELEVATION 569.74 3 MAR 1970
INSTANTANEOUS ELEVATION 568.75 1800 4 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.63	8	JAN	1970
570.85	11	FEB	1970
571.30	26	MAR	1970
571.67	2	APR	1970
571.78	26	MAY	1970
571.86	29	JUN	1970
572.27	20	JUL	1970
571.87	3	AUG	1970
572.03	4	SEP	1970
572.11	3	OCT	1970
573.14	23	NOV	1970
572.70	24	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.26	25	JAN	1970
570.12	9	FEB	1970
569.74	3	MAR	1970
570.37	1	APR	1970
570.99	14	MAY	1970
571.08	13	JUN	1970
571.41	23	JUL	1970
571.10	22	AUG	1970
570.41	14	SEP	1970
570.50	25	OCT	1970
570.22	14	NOV	1970
569.77	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.20													
573.00											1		1
572.80													1
572.60	1											1	3
572.40													3
572.20	1						1						5
572.00							1		1	1	2		10
571.80						2	5	2			1		20
571.60				1	1	6	11	4		1	6		50
571.40	1			1	13	16	13	13	4	1	2	2	116
571.20	3		1	9	15	4		9	9	3	3	5	177
571.00	1		1	9	1	2		3	10	5	5	2	216
570.80	2	1	4	6	1				4	11	7	7	259
570.60	4	3	9	1					1	6	5	2	290
570.40	11	14	8	2					1	3	3	3	335
570.20	7	9	5	1							1	1	359
570.00		1	2										362
569.80												1	363
569.60			1									1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

DAILY WATER LEVELS

LAKE ERIE AT BUFFALO HARBOR, BUFFALO, NEW YORK

		MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	57065	57089	57112	57153	57129	57080	57123	57263	57228	57134						
11	20	JAN 70	57065	57075	57084	57053	57027	57053	57037	57041	57049	57047						
21	31	JAN 70	57076	57046	57042	57039	57032	57020	57044	57034	57027	57053	57051	9 0200	57378	28 1400	56991	
1	10	FEB 70	57050	57040	57059	57045	57050	57040	57039	57033	57012	57054						
11	20	FEB 70	57085	57068	57061	57036	57037	57043	57038	57041	57050	57070						
21	28	FEB 70	57046	57045	57051	57041	57044	57043	57036	57044	57036			13 0100	57138	9 1000	56995	
1	10	MAR 70	57014	57001	56974	57033	57052	57049	57063	57054	57047	57054						
11	20	MAR 70	57062	57047	57061	57067	57062	57070	57052	57039	57044	57063						
21	31	MAR 70	57057	57097	57029	57009	57097	57069	57130	57108	57083	57039	57037	57072	26 2100	57469	26 0800	56945
1	10	APR 70	57037	57167	57131	57112	57094	57091	57112	57109	57133	57119						
11	20	APR 70	57100	57083	57050	57078	57095	57096	57106	57104	57042	57107						
21	30	APR 70	57108	57155	57122	57127	57116	57136	57120	57122	57122	57121	57124		2 2000	57466	2 0300	56939
1	10	MAY 70	57143	57146	57135	57138	57146	57139	57130	57142	57134	57133						
11	20	MAY 70	57130	57117	57126	57099	57123	57149	57158	57143	57158	57139						
21	31	MAY 70	57139	57137	57148	57128	57125	57155	57178	57157	57129	57121	57147	57146	26 1400	57262	15 0200	57056
1	10	JUN 70	57143	57151	57141	57136	57148	57146	57147	57159	57151	57148						
11	20	JUN 70	57153	57147	57108	57120	57148	57148	57161	57179	57185	57167						
21	30	JUN 70	57152	57140	57168	57159	57177	57137	57137	57149	57155	57186	57176		18 1400	57285	14 0200	57069
1	10	JUL 70	57159	57154	57162	57196	57192	57166	57162	57159	57145	57157						
11	20	JUL 70	57166	57156	57143	57164	57199	57203	57181	57164	57147	57227						
21	31	JUL 70	57167	57191	57166	57141	57160	57159	57157	57162	57163	57157	57161	57168	16 0900	57368	19 1800	57097
1	10	AUG 70	57178	57181	57187	57149	57150	57151	57142	57127	57133	57127						
11	20	AUG 70	57143	57145	57147	57150	57144	57171	57150	57118	57150	57162						
21	31	AUG 70	57145	57132	57110	57139	57135	57133	57155	57131	57164	57123	57158	57120	3 0700	57284	22 2100	57068
1	10	SEP 70	57129	57106	57138	57203	57134	57117	57097	57117	57111	57159						
11	20	SEP 70	57127	57101	57077	57041	57085	57122	57088	57123	57116	57112						
21	30	SEP 70	57119	57127	57137	57087	57117	57120	57143	57125	57146	57141	57116		4 0900	57472	13 2300	56991
1	10	OCT 70	57103	57138	57211	57150	57103	57112	57092	57083	57083	57121						
11	20	OCT 70	57061	57092	57087	57103	57092	57107	57128	57172	57062	57077						
21	31	OCT 70	57096	57092	57088	57085	57066	57050	57059	57060	57062	57068	57086	57094	3 1500	57360	11 1100	57010
1	10	NOV 70	57096	57056	57110	57095	57133	57157	57110	57068	57076	57108						
11	20	NOV 70	57073	57082	57058	57022	57076	57153	57118	57084	57100	57214						
21	30	NOV 70	57113	57188	57215	57314	57139	57124	57112	57075	57057	57089	57082		20 1800	57616	14 2300	56976
1	10	DEC 70	57091	57157	57082	57166	57166	57139	57084	57121	57139	57081						
11	20	DEC 70	56977	56995	57165	57167	57078	57056	57104	57098	57167	57154						
21	31	DEC 70	57109	57025	57054	57076	57270	57118	57163	57123	57129	57098	57088	57052	24 0100	57529	4 1600	56875

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3020

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT STURGEON POINT, NEW YORK

YEARLY MEAN ELEVATION 571.11 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 571.66 JUL 1970
DAILY MEAN ELEVATION 573.00 23 NOV 1970
INSTANTANEOUS ELEVATION 574.89 1800 20 NOV 1970

LOWEST

MONTHLY MEAN ELEVATION 570.48 FEB 1970
DAILY MEAN ELEVATION 569.81 3 MAR 1970
INSTANTANEOUS ELEVATION 569.00 1500 4 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.29	8	JAN	1970
570.85	11	FEB	1970
571.39	24	MAR	1970
571.76	2	APR	1970
571.73	26	MAY	1970
571.81	30	JUN	1970
572.15	20	JUL	1970
571.64	16	AUG	1970
571.95	4	SEP	1970
572.05	3	OCT	1970
573.00	23	NOV	1970
572.46	24	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.30	28	JAN	1970
570.20	9	FEB	1970
569.81	3	MAR	1970
570.39	1	APR	1970
571.04	14	MAY	1970
571.09	13	JUN	1970
571.41	23	JUL	1970
571.12	22	AUG	1970
570.54	14	SEP	1970
570.58	25	OCT	1970
570.29	14	NOV	1970
569.93	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.20													
573.00													
572.80											1		1
572.60													1
572.40												1	2
572.20	1												3
572.00	1						1			1	1		7
571.80						1	4		1	1	1	1	15
571.60				1	1	5	11	1		1	1	6	42
571.40	1			1	12	17	11	11	2	1	2	2	102
571.20	3		1	10	16	4		7	8	2	3	3	159
571.00	1		2	11	2	3		2	15	6	5	3	209
570.80	3	1	3	4					2	11	8	8	249
570.60	3	4	9						1	8	7	3	284
570.40	13	16	12	2					1	1		1	330
570.20	5	6	1	1							1	1	345
570.00		1	1									1	348
569.80			2									1	351

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

DAILY WATER LEVELS
LAKE ERIE AT STURGEON POINT, NEW YORK

		MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57069	57090	57114	57142	57121	57081	57125	57229	57211	57134					
11	20	JAN 70	57065	57079	57086	57055	57032	57058	57043	57045	57053	57051					
21	31	JAN 70	57076	57048	57045	57042	57035	57031	57047	57037	57030	57054	57055	9 0100	57345	28 1400	56990
1	10	FEB 70	57052	57045	57061	57046	57052	57043	57040	57035	57020	57061					
11	20	FEB 70	57085	57076	57057	57037	57043	57043	57041	57041	57053	57075					
21	28	FEB 70	57048	57042	57054	57039	57045	57043	57038	57046	57036		12 2400	57170	9 0900	56994	
1	10	MAR 70	57019	56999	56981	57041	57053	57050	57066	57052	57048	57055					
11	20	MAR 70	57062	57048	57062	57068	57064	57071	57052	57042	57046	57071					
21	31	MAR 70	57059	57089	57034	57101	57096	57062	57139	57104	57086	57044	57076	26 2000	57433	26 0600	56924
1	10	APR 70	57039	57176	57132	57114	57098	57097	57114	57115	57133	57126					
11	20	APR 70	57104	57088	57058	57091	57101	57102	57113	57108	57046	57112					
21	30	APR 70	57112	57154	57121	57130	57120	57138	57122	57124	57125	57120		2 2000	57444	2 0300	56927
1	10	MAY 70	57139	57143	57133	57137	57143	57140	57127	57139	57133	57132					
11	20	MAY 70	57130	57120	57127	57104	57127	57143	57158	57141	57155	57142					
21	31	MAY 70	57138	57137	57147	57124	57130	57158	57173	57155	57130	57122	57146	25 2100	57252	14 2400	57058
1	10	JUN 70	57142	57149	57143	57137	57149	57147	57147	57158	57149	57147					
11	20	JUN 70	57150	57148	57109	57120	57145	57147	57159	57171	57180	57163					
21	30	JUN 70	57149	57140	57163	57158	57173	57135	57117	57124	57192	57153		17 2400	57255	14 0200	57071
1	10	JUL 70	57165	57161	57152	57161	57196	57179	57165	57157	57145	57154					
11	20	JUL 70	57163	57154	57144	57162	57194	57197	57176	57162	57148	57215					
21	31	JUL 70	57166	57181	57165	57141	57159	57157	57156	57163			16 0900	57332	19 0600	57101	
1	10	AUG 70	57145	57143	57146	57148	57143	57164	57148	57118	57147	57157					
11	20	AUG 70	57131	57112	57141	57134	57130	57151	57130	57157	57121	57139	57127	20 0600	57210	22 2200	57074
21	31	AUG 70	57140	57122	57111	57135	57195	57120	57114	57102	57114	57110					
1	10	SEP 70	57115	57110	57065	57054	57104	57113	57088	57123	57116	57112					
11	20	SEP 70	57123	57134	57091	57116	57118	57139	57125	57145	57140	57114		4 0500	57413	13 1700	56999
21	30	SEP 70	57117	57105	57132	57205	57149	57101	57111	57093	57084	57082					
1	10	OCT 70	57067	57094	57089	57103	57097	57110	57129	57163	57067	57077					
11	20	OCT 70	57093	57090	57087	57068	57058	57066	57063	57066	57072	57088	57091	3 1500	57339	11 1200	57018
21	31	OCT 70	57097	57096	57063	57121	57099	57136	57152	57107	57073	57077					
1	10	NOV 70	57077	57085	57067	57029	57085	57150	57115	57086	57098	57195					
11	20	NOV 70	57170	57202	57300	57137	57116	57105	57075	57062	57090	57083		20 1800	57489	14 2200	56986
21	30	NOV 70	57112	57088	57146	57085	57171	57171	57198	57086	57115	57130					
1	10	DEC 70	56988	57146	57085	57171	57171	57198	57086	57115	57130	57084					
11	20	DEC 70	56993	57014	57165	57164	57079	57061	57108	57098	57163	57151					
21	31	DEC 70	57113	57032	57069	57096	57248	57116	57161	57123	57129	57099	57057	4 0700	57445	4 1500	56900

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3028

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT MARCELONA, NEW YORK

YEARLY MEAN ELEVATION 571.02 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 571.56 JUL 1970
DAILY MEAN ELEVATION 572.29 23 NOV 1970
INSTANTANEOUS ELEVATION 581.25 1500 1 SEP 1970

LOWEST

MONTHLY MEAN ELEVATION 570.44 FEB 1970
DAILY MEAN ELEVATION 569.81 3 MAR 1970
INSTANTANEOUS ELEVATION 569.53 1500 4 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.42	9	JAN	1970
570.78	11	FEB	1970
571.00	27	MAR	1970
571.29	25	APR	1970
571.54	27	MAY	1970
571.76	29	JUN	1970
571.95	20	JUL	1970
571.62	2	AUG	1970
571.90	1	SEP	1970
571.34	18	OCT	1970
572.29	23	NOV	1970
571.73	6	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.32	25	JAN	1970
570.16	9	FEB	1970
569.81	3	MAR	1970
570.49	1	APR	1970
570.97	15	MAY	1970
571.06	14	JUN	1970
571.32	19	JUL	1970
571.16	31	AUG	1970
570.46	14	SEP	1970
570.58	11	OCT	1970
570.39	14	NOV	1970
570.02	12	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.40													
572.20											1		1
572.00													1
571.80							3		1				5
571.60						4	3	1				1	14
571.40	1				3	14	23	2			1	4	62
571.20	1				22	10	2	6		3	3	3	127
571.00	3			15	5	2		2	10		4	8	176
570.80	3		6	5	1				7	14	11	5	228
570.60	6	3	6	1					2	12	9	6	273
570.40	9	12	14	2					2	2		2	316
570.20	3	12	2								1		334
570.00		1	2									2	339
569.80			1										340

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

DAILY WATER LEVELS
LAKE ERIE AT BARCELONA, NEW YORK

													HIGH	INSTANTANEOUS		LOW						
DAY	MONTH	MONTHLY											DAY	TIME	ELEV.	DAY	TIME	ELEV.				
		MEANS																				
1	10	JAN 70	57070	57091	57111	57114	57097	57078	57089	57133	57142	57114										
11	20	JAN 70	57061	57072	57077	57060	57041	57048	57045	57044	57049	57048										
21	31	JAN 70	57071	57045	57042	57038	57035	57032	57074				9	0600	57173	25	1200	57023				
1	10	FEB 70	57039	57038	57058	57047	57049	57041	57041	57037	57016	57051										
11	20	FEB 70	57078	57065	57060	57038	57038	57042	57040	57039	57048	57063										
21	28	FEB 70	57044	57044	57046	57038	57040	57038	57036	57042	57031				13	0200	57106	9	1100	57005		
1	10	MAR 70	57020	57010	56981	57026	57051	57048	57055	57054	57044	57046										
11	20	MAR 70	57052	57047	57055	57068	57067	57069	57062	57049	57053	57057										
21	31	MAR 70	57055	57087	57040	57093	57092	57070	57081	57100	57082	57043	57044	57073	26	2200	57257	3	0700	56968		
1	10	APR 70	57049	57104	57111	57110	57097	57095	57110	57107	57124	57115										
11	20	APR 70	57103	57088	57065	57088	57101	57102	57108	57104	57050	57086										
21	30	APR 70	57104	57113	57108	57120	57106	57129	57122	57124	57122	57125				2	2100	57294	2	0400	56975	
1	10	MAY 70	57133	57138	57131	57132	57132	57115	57119	57124	57127	57126										
11	20	MAY 70	57121	57113	57121	57109	57097	57124	57138	57137	57140	57138										
21	31	MAY 70	57129	57136	57143	57122	57123	57134	57152	57154	57136	57119	57129	57138	22	1400	57166	15	0300	57077		
1	10	JUN 70	57140	57140	57135	57137	57139	57140	57145	57148	57149	57146										
11	20	JUN 70	57146	57145	57116	57106	57125	57139	57145	57163	57174	57154										
21	30	JUN 70	57146	57141	57159	57154	57165	57137	57140	57154	57151	57176	57157				29	0700	57214	14	0200	57088
1	10	JUL 70	57156	57151	57160	57181	57175	57156	57156	57156	57144	57151										
11	20	JUL 70	57158	57151	57144	57157	57185	57179	57149	57149	57132	57195										
21	31	JUL 70	57156	57161	57151	57134	57143	57150	57152	57155	57154	57151	57146	57151	16	1100	57264	19	0600	57112		
1	10	AUG 70	57159	57162																		
11	20	AUG 70																				
21	31	AUG 70	57136			57138	57127	57132	57140	57128	57141	57119	57136	57116	28	1500	57165	31	0600	57101		
1	10	SEP 70	57190	57107	57122	57129	57126	57100	57096	57099	57107	57104										
11	20	SEP 70	57087	57079	57067	57046	57058	57087	57093	57120	57114	57109										
21	30	SEP 70	57108	57116	57124	57093	57115	57113	57132	57124	57138	57123	57106				1	1500	58125	13	2200	57019
1	10	OCT 70	57085	57096	57128	57130	57093	57083	57083	57082	57073	57076										
11	20	OCT 70	57058	57078	57085	57085	57091	57095	57098	57134	57069	57060										
21	31	OCT 70	57083	57065	57085	57086	57073	57062	57066	57066	57063	57070	57079	57083	4	0100	57162	20	2400	57036		
1	10	NOV 70	57091	57047	57091	57099	57114	57115	57089	57070	57071	57096										
11	20	NOV 70	57078	57085	57074	57039	57095	57117	57108	57083	57091	57126										
21	30	NOV 70	57097	57141	57138	57229	57135	57096	57086	57070	57063	57077	57077				20	2400	57262	14	2100	57007
1	10	DEC 70	57066	57102	57085	57094	57155	57173	57084	57097	57103	57076										
11	20	DEC 70	57012	57002	57103	57133	57085	57064	57108	57102	57145	57132										
21	31	DEC 70	57096	57050	57044	57074	57160	57111	57144	57121	57119	57103	57093	57067	5	2400	57315	4	1500	56953		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3032

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT ERIE, PENNSYLVANIA

	HIGHEST	YEARLY MEAN ELEVATION	571.06 IN 1970	LOWEST
MONTHLY MEAN ELEVATION	571.59	JUL 1970		MONTHLY MEAN ELEVATION 570.45 FEB 1970
DAILY MEAN ELEVATION	572.07	23 NOV 1970		DAILY MEAN ELEVATION 569.94 3 MAR 1970
INSTANTANEOUS ELEVATION	573.74	1845 2 APR 1970		INSTANTANEOUS ELEVATION 569.61 0140 2 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.44	8	JAN	1970
570.72	11	FEB	1970
571.06	26	MAR	1970
571.44	2	APR	1970
571.65	26	MAY	1970
571.73	19	JUN	1970
571.88	20	JUL	1970
571.75	3	AUG	1970
571.50	4	SEP	1970
571.64	3	OCT	1970
572.07	23	NOV	1970
571.76	24	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.28	28	JAN	1970
570.29	9	FEB	1970
569.94	3	MAR	1970
570.49	1	APR	1970
571.18	14	MAY	1970
571.28	13	JUN	1970
571.44	23	JUL	1970
571.21	22	AUG	1970
570.79	14	SEP	1970
570.67	28	OCT	1970
570.49	14	NOV	1970
570.32	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.20											1		1
572.00							1						2
571.80							7	3		1		1	19
571.60					1	4							98
571.40	1			1	13	23	23	13	2		1	2	158
571.20	1			8	16	3		12	9	1	4	6	201
571.00	3		1	14	1				14	2	3	5	246
570.80	3		2	4					4	13	10	9	288
570.60	4	2	8	2					1	10	10	5	333
570.40	13	12	16	1							1	2	349
570.20	6	8	1									1	351
570.00			2										352
569.80			1										

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 3038

DAILY WATER LEVELS
LAKE ERIE AT ERIE, PENNSYLVANIA

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW ELEV.
1	10	JAN 70	57078	57094	57109	57105	57094	57080	57102	57144	57127	57099			
11	20	JAN 70	57058	57068	57066	57051	57038	57050	57045	57047	57049	57049			
21	31	JAN 70	57064	57043	57042	57039	57036	57034	57042	57038	57028	57049	57047	9 0222	57210 28 1247 56990
1	10	FEB 70	57046	57042	57057	57043	57050	57044	57041	57038	57029	57058			
11	20	FEB 70	57072							57040	57048	57065			
21	28	FEB 70	57045	57037	57047	57036	57042	57038	57036	57042	57033		20 0440	57107	2 0140 56961
1	10	MAR 70	57018	57007	56994	57038	57052	57049	57060	57050	57046	57054			
11	20	MAR 70	57056	57050	57059	57065	57060	57064	57052	57046	57050	57066			
21	31	MAR 70	57056	57080	57048	57089	57079	57063	57106	57092	57069	57053	57053	57074	26 1940 57282 3 0105 56964
1	10	APR 70	57049	57144	57116	57104	57098	57099	57108	57106	57115	57117			
11	20	APR 70	57102	57091	57076	57100	57104	57104	57110	57109	57061	57110			
21	30	APR 70	57109	57132	57115	57122	57120	57131	57125	57128	57130	57128	57128	2 1845	57374 2 0005 56984
1	10	MAY 70	57138	57141	57136	57138	57139	57143	57128	57134	57132	57130			
11	20	MAY 70	57130	57126	57133	57118	57135	57142	57153	57143	57149	57144			
21	31	MAY 70	57140	57144	57148	57134	57137	57152	57165	57152	57137	57131	57147	57148	25 1850 57228 12 1840 57069
1	10	JUN 70	57147	57149	57147	57144	57150	57147	57151	57159	57153	57154			
11	20	JUN 70	57154	57153	57128	57134	57149	57156	57165	57163	57173	57159			
21	30	JUN 70	57151	57141	57155	57152	57157	57135	57141	57154	57151	57162	57157	17 2300	57246 14 0100 57095
1	10	JUL 70	57154	57155	57158	57177	57169	57153	57153	57153	57146	57156			
11	20	JUL 70	57159	57153	57147	57155	57169	57178	57162	57158	57152	57188			
21	31	JUL 70	57159	57166	57159	57144	57160	57157	57159	57160	57159	57157	57160	57163	16 1000 57252 15 0200 57054
1	10	AUG 70	57172	57171	57175	57153	57155	57155	57153	57140	57140	57140			
11	20	AUG 70	57154	57150	57143	57149			57145	57126	57140	57149			
21	31	AUG 70	57144	57134	57121	57146	57148	57134	57143		57122	57122	57143	57128	3 0700 57228 31 0425 57083
1	10	SEP 70	57124	57110	57121	57150	57124	57113	57105	57116	57115	57117			
11	20	SEP 70	57119	57099	57089	57079	57104	57120	57097	57122	57115	57111			
21	30	SEP 70	57116	57115	57122	57097	57112	57120	57134	57130	57142	57128	57112	4 0700	57260 13 2100 57043
1	10	OCT 70	57104	57112	57164	57128	57095	57096	57092	57088	57079	57097			
11	20	OCT 70	57071	57091	57095	57097	57092					57069			
21	31	OCT 70	57090	57088	57093	57091	57079	57076	57077	57072	57067	57069	57075	57084	3 1400 57218 10 0200 57037
1	10	NOV 70	57093	57073	57118	57096	57123	57118	57091	57073	57067	57087			
11	20	NOV 70	57078	57083	57075	57049	57096	57120	57096	57079	57085	57140			
21	30	NOV 70	57096	57121	57147	57207	57123	57081	57075	57065	57068	57082	57075	20 2045	57332 20 0737 56998
1	10	DEC 70	57076	57102	57074	57142	57132	57158	57082	57085	57093	57079			
11	20	DEC 70	57032	57048	57136	57134	57081	57064	57103	57093	57129	57124			
21	31	DEC 70	57100	57056	57083	57099	57176	57103	57132	57113	57113	57097	57086	57068	24 0255 57313 4 1544 56966

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3038

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT CLEVELAND, OHIO

YEARLY MEAN ELEVATION 571.09 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 571.63 JUL 1970
DAILY MEAN ELEVATION 571.76 26 JUN 1970
INSTANTANEOUS ELEVATION 572.31 2200 3 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 570.49 FEB 1970
DAILY MEAN ELEVATION 570.01 8 JAN 1970
INSTANTANEOUS ELEVATION 569.42 2100 20 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.05	1	JAN	1970
570.71	9	FEB	1970
570.97	30	MAR	1970
571.41	29	APR	1970
571.67	29	MAY	1970
571.76	26	JUN	1970
571.72	23	JUL	1970
571.69	1	AUG	1970
571.36	28	SEP	1970
571.25	15	OCT	1970
571.34	15	NOV	1970
571.34	12	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.01	8	JAN	1970
570.30	1	FEB	1970
570.03	26	MAR	1970
570.97	1	APR	1970
571.29	8	MAY	1970
571.48	29	JUN	1970
571.48	8	JUL	1970
571.24	30	AUG	1970
571.09	3	SEP	1970
570.75	18	OCT	1970
570.42	26	NOV	1970
570.63	9	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.00													
571.80													
571.60					3	18	25	7					53
571.40				1	20	12	6	15					107
571.20				13	8			9	16	1	2	4	160
571.00	1			15					13	13	7	7	216
570.80	3		3	1						16	13	13	265
570.60	4	4	10							1	3	7	294
570.40	19	18	7								5		343
570.20	2	6											351
570.00	2		1										354

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

DAILY WATER LEVELS
LAKE ERIE AT CLEVELAND, OHIO

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57105	57098	57080	57065	57069	57082	57058	57001	57016	57044			
11	20	JAN 70	57059	57059	57050	57055	57063	57048	57057	57061	57049	57050			
21	31	JAN 70	57053	57047	57042	57049	57041	57044	57044	57041	57032	57045	57046	57032	1 1300 57117 9 0400 56967
1	10	FEB 70	57030	57052	57066	57045	57041	57054	57055	57058	57071	57060			
11	20	FEB 70	57058	57051	57056	57061	57060	57052	57048	57044	57054	57038			
21	28	FEB 70	57049	57039	57034	57041	57031	57064	57034	57042	57045		25 1100 57111	22 0900 57001	
1	10	MAR 70	57052	57058	57074	57050	57059	57058	57055	57066	57065	57064			
11	20	MAR 70	57059	57070	57067	57068	57067								
21	31	MAR 70	57065					57003	57073	57078	57096	57097	57084	29 1300 57129	26 2000 56983
1	10	APR 70	57097	57103	57102	57102	57107	57110	57110	57101	57101	57112			
11	20	APR 70	57111	57116	57127	57123	57120	57118	57115	57119	57139	57130			
21	30	APR 70	57119	57123	57123	57124	57133	57127	57136	57136	57139	57141	57139	19 2000 57192	2 1900 57017
1	10	MAY 70	57137	57141	57142	57137	57141	57143	57136	57129	57130	57130			
11	20	MAY 70	57133	57140	57145	57148	57151	57150	57150	57153	57146	57154			
21	31	MAY 70	57147	57153	57148	57158	57161	57151	57160	57160	57162	57167	57153	57156	26 1900 57212 23 1600 57112
1	10	JUN 70	57155	57152	57169	57166	57159	57160	57157	57156	57159	57157			
11	20	JUN 70	57155	57162	57167	57164	57161	57161	57159	57161	57173	57163			
21	30	JUN 70	57162	57171	57162	57163	57157	57171	57176	57175	57167	57148	57161	27 0200 57209	15 0100 57123
1	10	JUL 70	57162	57163	57160	57168	57163	57162	57156	57148	57164	57162			
11	20	JUL 70	57164	57162	57164	57156	57152	57168	57158	57163	57163	57169			
21	31	JUL 70	57163	57170	57167	57172	57164	57166	57165	57162	57162	57164	57165	57165	20 1500 57226 15 0800 57111
1	10	AUG 70	57169	57166	57164	57166	57162	57159	57162	57164	57158	57156			
11	20	AUG 70	57154	57153	57151	57151	57149	57141	57145	57149	57137	57140			
21	31	AUG 70	57148	57143	57140	57144	57141	57136	57127	57135	57126	57135	57124	57142	29 2200 57200 19 1900 57094
1	10	SEP 70	57126	57124	57109	57110	57124	57121	57119	57114	57121	57120			
11	20	SEP 70	57110	57111	57118	57131	57128		57123	57127	57122	57120			
21	30	SEP 70	57121	57113	57114	57132	57116	57123	57124	57134	57136	57112	57124	26 1600 57183	4 0800 57045
1	10	OCT 70	57115	57094	57095	57100	57091	57091	57100	57101	57094	57098			
11	20	OCT 70	57108	57100	57110	57112	57125	57120	57099	57075	57106	57090			
21	31	OCT 70	57100	57090	57104	57101	57106	57109	57109	57096	57090	57089	57095	57101	10 0900 57158 3 1500 57046
1	10	NOV 70	57099	57107	57096	57120	57112	57075	57091	57105	57092	57083			
11	20	NOV 70	57104	57104	57115	57133	57134	57083	57088	57094	57081	57042			
21	30	NOV 70	57088	57067	57051	57044	57083	57043	57042	57071	57097	57083	57089	14 2400 57179	20 2100 56942
1	10	DEC 70	57079	57072	57102	57099	57077	57095	57093	57063	57063	57085			
11	20	DEC 70	57123	57134	57089	57087	57100	57100	57106	57094	57088	57092			
21	31	DEC 70	57096	57125	57118	57121	57065	57103	57079	57106	57099	57099	57102	57113	3 2200 57231 24 0500 57001

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3063

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT MARBLEHEAD, OHIO

YEARLY MEAN ELEVATION 571.09 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 571.69 JUN 1970
DAILY MEAN ELEVATION 572.01 13 JUN 1970
INSTANTANEOUS ELEVATION 573.15 0620 31 AUG 1970

LOWEST

MONTHLY MEAN ELEVATION 570.43 FEB 1970
DAILY MEAN ELEVATION 569.00 23 NOV 1970
INSTANTANEOUS ELEVATION 567.94 2215 20 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.09	1	JAN	1970
570.91	9	FEB	1970
571.18	29	MAR	1970
571.84	19	APR	1970
571.87	28	MAY	1970
572.01	13	JUN	1970
571.88	23	JUL	1970
571.77	8	AUG	1970
571.54	14	SEP	1970
571.26	25	OCT	1970
571.73	14	NOV	1970
571.65	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
569.30	8	JAN	1970
569.95	20	FEB	1970
570.08	26	MAR	1970
570.44	2	APR	1970
571.29	8	MAY	1970
571.36	29	JUN	1970
571.30	15	JUL	1970
571.10	30	AUG	1970
570.78	4	SEP	1970
570.31	3	OCT	1970
569.00	23	NOV	1970
569.96	24	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.20													1
572.00						1							12
571.80				1	2	7	1						68
571.60				1	7	14	21	9			1	3	116
571.40				2	15	7	8	13	3				175
571.20				14	7	1	1	7	15	8	3	3	222
571.00	1		3	6				2	10	14	7	4	262
570.80	2	1	8	5					1	5	10	8	289
570.60	7	4	10						1	2		3	333
570.40	13	11	9	1						1	3	6	352
570.20	5	7								1	3	3	358
570.00	1	4	1										362
569.80		1									2	1	363
569.60	1												363
569.40													364
569.20	1												364
569.00													365
568.80											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

DAILY WATER LEVELS
LAKE ERIE AT MARBLEHEAD, OHIO

													HIGH		INSTANTANEOUS		LOW	
DAY	MONTH	MONTHLY MEANS											DAY TIME	ELEV.	DAY TIME	ELEV.		
1	10	JAN 70	57109	57093	57064	57048	57065	57085	57031	56930	56974	57022						
11	20	JAN 70	57069	57048	57044	57063	57076	57053	57065	57067	57052	57046						
21	31	JAN 70	57047	57049	57046	57051	57048	57046	57041	57039	57044	57031	57033	57016	1 1225	57145	9 0030 56868	
1	10	FEB 70	57022	57052	57040	57046	57038	57059	57064	57070	57091	57050						
11	20	FEB 70	57039	57024	57053	57076	57064	57059	57052	57045	57037	56995						
21	28	FEB 70	57043	57017	57012	57041	57018	57051	57024	57020	57051		25	0830	57120	20 2055 56952		
1	10	MAR 70	57065	57084	57105	57058	57062	57064	57055	57076	57081	57072						
11	20	MAR 70	57064	57084	57069	57051	57064	57048	57070	57087	57082	57049						
21	31	MAR 70	57070	57045	57097	57057	57058	57089	57008	57054	57072	57118	57111	57086	26 0450	57190	26 1835 56814	
1	10	APR 70	57139	57044	57084	57096	57111	57110	57108	57100	57092	57108						
11	20	APR 70	57119	57140	57164	57135	57123	57123	57117	57125	57184	57122						
21	30	APR 70	57122	57094	57130	57121	57135	57124	57139	57139	57140	57146	57141		2 0100	57245	2 1945 56831	
1	10	MAY 70	57131	57139	57146	57137	57145	57150	57143	57129	57133	57131						
11	20	MAY 70	57138	57145	57151	57170	57155	57149	57145	57159	57150	57162						
21	31	MAY 70	57153	57160	57154	57176	57173	57149	57146	57166	57187	57186	57162	57161	15 0110	57214	26 1230 57095	
1	10	JUN 70	57165	57156	57188	57182	57168	57168	57161	57159	57168	57164						
11	20	JUN 70	57158	57169	57201	57184	57169	57169	57160	57150	57159	57171						
21	30	JUN 70	57169	57191	57161	57167	57153	57195	57192	57182	57172	57136	57165		26 1400	57238	18 1600 57072	
1	10	JUL 70	57164	57166	57159	57143	57156	57165	57162	57147	57163	57162						
11	20	JUL 70	57162	57169	57172	57154	57130	57151	57161	57165	57170	57149						
21	31	JUL 70	57162	57170	57171	57188	57166	57170	57168	57162	57162	57165	57160	57162	16 2000	57227	15 2045 57093	
1	10	AUG 70	57160	57162	57153	57173	57163	57161	57167	57177	57168	57176						
11	20	AUG 70	57159	57160	57156	57154	57151	57129	57148	57166	57127	57129						
21	31	AUG 70	57150	57152	57159	57134	57146	57140	57122	57138	57117	57150	57110	57146	31 0620	57315	20 0800 57074	
1	10	SEP 70	57129	57136	57104	57078	57124	57127	57132	57115	57131	57090						
11	20	SEP 70	57113	57119	57142	57154	57134	57117	57138	57122	57132	57126						
21	30	SEP 70	57123	57118	57111	57153	57124	57132	57110	57129	57117	57103	57122		13 2040	57215	4 0900 56972	
1	10	OCT 70	57121	57081	57031	57071	57091	57089	57107	57112	57110	57081						
11	20	OCT 70	57125	57109	57118	57123	57124	57104	57070	57052	57120	57105						
21	31	OCT 70	57103	57096	57104	57108	57124	57126	57123	57122	57116	57106	57104	57106	14 2145	57193	3 2005 56994	
1	10	NOV 70	57099	57132	57084	57119	57085	57053	57091	57120	57112	57084						
11	20	NOV 70	57113	57111	57132	57173	57125	57057	57086	57101	57083	56985						
21	30	NOV 70	57078	57044	56983	56900	57035	57034	57040	57081	57108	57086	57098		14 2230	57217	20 2215 56794	
1	10	DEC 70	57083	57062	57092	57027	57025	57025	57088	57055	57049	57090						
11	20	DEC 70	57165	57161	57046	57047	57109	57131	57098	57101	57058	57074						
21	31	DEC 70	57084	57161	57127	57105	56996	57088	57050	57072	57083	57100	57106	57129	4 1635	57253	24 0415 56859	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3079

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT TOLEDO, OHIO

YEARLY MEAN ELEVATION 571.08 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 571.69 JUN 1970
DAILY MEAN ELEVATION 572.95 19 APR 1970
INSTANTANEOUS ELEVATION 573.98 2230 1 APR 1970

MONTHLY MEAN ELEVATION 570.47 FEB 1970
DAILY MEAN ELEVATION 567.29 23 NOV 1970
INSTANTANEOUS ELEVATION 566.04 0820 20 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.12	1	JAN	1970
570.90	9	FEB	1970
571.56	29	MAR	1970
572.95	19	APR	1970
572.21	28	MAY	1970
572.50	13	JUN	1970
572.12	23	JUL	1970
571.97	10	AUG	1970
571.81	14	SEP	1970
571.61	27	OCT	1970
571.97	14	NOV	1970
572.19	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
569.59	8	JAN	1970
569.94	20	FEB	1970
569.67	26	MAR	1970
570.09	2	APR	1970
570.99	26	MAY	1970
571.05	29	JUN	1970
570.98	15	JUL	1970
570.86	30	AUG	1970
570.40	10	SEP	1970
569.71	3	OCT	1970
567.29	23	NOV	1970
569.00	5	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.50													
573.00													
572.50				1									1
572.00				2	3	6	1					2	15
571.50			1	3	13	18	20	16	3	2	1	2	94
571.00	1		5	17	14	6	6	12	20	20	10	6	211
570.50	19	13	17	6	1		1	1	5	4	9	10	297
570.00	9	14	7	1					2	3	6	7	346
569.50	2	1	1							1	1	1	353
569.00											2	2	357
568.50												1	358
568.00													358
567.50													358
567.00											1		359

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3085

DAILY WATER LEVELS
LAKE ERIE AT TOLEDO, OHIO

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57112	57097	57066	57059	57067	57088	57046	56959	56979	57029			
11	20	JAN 70	57076	57052	57048	57067	57081	57058	57067	57066	57055	57049			
21	31	JAN 70	57053	57054	57054	57056	57061	57058	57041	57045	57058	57035	57038	57030	1 1000 57167 9 0230 56866
1	10	FEB 70	57034	57059	57038	57062	57051	57067	57068	57071	57090	57050			
11	20	FEB 70	57036	57028	57050	57076	57064	57064	57059	57056	57039	56994			
21	28	FEB 70	57047	57028	57014	57046	57025	57030	57031	57014	57054		13 0900 57167	20 2200 56928	
1	10	MAR 70	57080	57094	57124	57058	57065	57069	57050	57082	57094	57074			
11	20	MAR 70	57065	57096	57062	57028	57060	57052	57085	57108	57100	57029			
21	31	MAR 70	57074	57039	57110	57046	57048	57118	56967	57043	57069	57156	57138	57096	26 0525 57313 26 1825 56615
1	10	APR 70	57201	57009	57072	57089	57123	57109	57112	57093	57063	57096			
11	20	APR 70	57128	57176	57227	57155	57134	57134	57116	57143	57295	57119			
21	30	APR 70	57132	57072	57149	57118	57150	57127	57146	57149	57149	57158	57146	1 2230 57398	2 2105 56700
1	10	MAY 70	57104	57113	57140	57127	57124	57151	57139	57122	57127	57126			
11	20	MAY 70	57142	57157	57156	57209	57158	57135	57133	57160	57145	57171			
21	31	MAY 70	57151	57161	57155	57188	57185	57133	57099	57170	57221	57217	57164	57156	14 2250 57271 5 1300 57001
1	10	JUN 70	57160	57148	57211	57201	57177	57171	57155	57149	57167	57162			
11	20	JUN 70	57157	57179	57250	57199	57174	57163	57154	57122	57126	57172			
21	30	JUN 70	57169	57210	57152	57162	57136	57214	57205	57171	57168	57105	57158	26 1400 57299	18 1400 56977
1	10	JUL 70	57157	57162				57165	57148	57145	57172	57158			
11	20	JUL 70	57164	57176	57177	57143	57098	57118	57148	57162	57168	57116			
21	31	JUL 70	57158	57169	57175	57212	57161	57172	57169	57159	57160	57165	57157	57151	16 1900 57301 16 0600 57001
1	10	AUG 70			57160	57176	57160	57156	57166	57189	57181	57197			
11	20	AUG 70	57160	57157	57153	57151	57146	57109	57147	57186	57109	57116			
21	31	AUG 70	57148	57156	57165	57115	57145	57139	57114	57134	57104	57165	57086	57144	4 0425 57270 20 0715 57022
1	10	SEP 70	57126	57142	57090	57047	57122	57132	57136	57108	57137	57040			
11	20	SEP 70	57109	57123	57156	57181	57139	57112	57148	57113	57140	57127			
21	30	SEP 70	57118	57114	57108	57173	57113	57131	57085	57099	57083	57087	57111	4 1810 57302	4 0850 56878
1	10	OCT 70	57129	57063	56971	57042	57092	57097	57122	57126	57134	57061			
11	20	OCT 70	57152	57113	57123	57128	57132	57101	57046	57032	57134	57123			
21	31	OCT 70	57104	57101	57107	57114	57137	57120	57161	57130	57115	57107	57102	14 2030 57248	3 1815 56881
1	10	NOV 70	57099	57150	57070	57111	57050	57030	57090	57136	57126	57076			
11	20	NOV 70	57122	57116	57137	57197	57097	57031	57084	57111	57092	56934			
21	30	NOV 70	57066	57022	56912	56729	56989	57031	57046	57088	57112	57094	57105	20 0528 57244	20 0820 56604
1	10	DEC 70	57080	57058	57098	56953	56900	56939	57085	57050	57034	57093			
11	20	DEC 70	57219	57184	57013	57005	57123	57170	57093	57110	57030	57059			
21	31	DEC 70	57072	57216	57147	57090	56920	57068	57023	57044	57079	57105	57110	57132	4 1710 57349 4 0810 56646

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 3085

ANNUAL SUMMARY OF LEVELS
LAKE ERIE AT FERMI POWER PLANT, MICHIGAN

YEARLY MEAN ELEVATION 571.05 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 571.65 JUN 1970
DAILY MEAN ELEVATION 572.36 19 APR 1970
INSTANTANEOUS ELEVATION 573.16 1800 4 DEC 1970

MONTHLY MEAN ELEVATION 570.42 FEB 1970
DAILY MEAN ELEVATION 568.14 23 NOV 1970
INSTANTANEOUS ELEVATION 566.75 1800 26 MAR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.06	1	JAN	1970
570.83	9	FEB	1970
571.21	30	MAR	1970
572.36	19	APR	1970
571.98	29	MAY	1970
572.17	13	JUN	1970
571.97	23	JUL	1970
571.84	10	AUG	1970
571.58	14	SEP	1970
571.46	28	OCT	1970
571.44	14	NOV	1970
571.79	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
569.54	8	JAN	1970
569.99	20	FEB	1970
570.06	26	MAR	1970
569.91	2	APR	1970
571.11	26	MAY	1970
571.28	19	JUN	1970
571.07	20	JUL	1970
571.00	30	AUG	1970
570.58	10	SEP	1970
569.91	3	OCT	1970
568.14	23	NOV	1970
569.54	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.60													
572.40													
572.20				1									1
572.00						1							2
571.80				1	3	4	1	1					12
571.60					3	15	14	6				2	52
571.40				7	12	7	12	14	4	2	2	2	114
571.20			1	8	11	3	1	4	12	10	2	2	168
571.00	1		2	7	2		3	5	9	9	6	3	215
570.80	2	1	7	3				1	3	5	8	7	252
570.60	4	2	7	2						1	3	5	276
570.40	15	12	12						2	3	5	4	329
570.20	7	10	1									2	349
570.00		2	1								1		353
569.80		1		1						1	1	1	358
569.60	1											2	361
569.40	1										1	1	364
569.20													364
569.00													364
568.80													364
568.60													364
568.40													364
568.20													364
568.00											1		365

DAILY WATER LEVELS

LAKE ERIE AT FERMI POWER PLANT, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57106	57088	57061	57053	57061	57081	57039	56954	56977	57023			
11	20	JAN 70	57068	57046	57041	57058	57072	57051	57059	57059	57048	57045			
21	31	JAN 70	57047	57048	57048	57051	57051	57036	57040	57054	57030	57033	57026	1 1100	57151 9 0200 56870
1	10	FEB 70	57028	57050	57030	57053	57045	57060	57059	57061	57083	57045			
11	20	FEB 70	57032	57031	57045	57068	57059	57056	57052	57051	57036	56999			
21	28	FEB 70	57042	57024	57016	57039	57024	57033	57035	57014	57047		13 0900	57134	20 2200 56940
1	10	MAR 70	57070	57081	57117	57054	57056	57064	57050	57065	57081	57069			
11	20	MAR 70	57058	57078	57059	57032	57053	57051	57072	57090	57086	57060			
21	31	MAR 70	57069	57042	57097	57045	57054	57096	57006	57054	57067	57115	57121	57088	26 0600 57254 26 1800 56675
1	10	APR 70	57152	56991	57074	57085	57116	57108	57106	57104	57076	57088			
11	20	APR 70	57119	57147	57188	57137	57124	57124	57112	57123	57238	57140			
21	30	APR 70	57123	57084	57138	57118	57136	57128	57141	57141	57141	57152	57145	20 0100	57303 2 2000 56720
1	10	MAY 70	57128	57115	57139	57129	57121	57138	57143	57127	57131	57133			
11	20	MAY 70	57134	57149	57142	57183	57152	57138	57128	57155	57144	57158			
21	31	MAY 70	57148	57157	57150	57176	57175	57145	57111	57160	57196	57198	57166	57160	29 1800 57234 5 1600 57031
1	10	JUN 70	57163	57154	57169	57179	57163	57164	57155	57149	57162	57161			
11	20	JUN 70	57155	57165	57217	57190	57174	57165	57163	57136	57128	57166			
21	30	JUN 70	57165	57191	57153	57165	57145	57197	57182	57164	57169	57137	57157	26 1200	57260 18 1400 57035
1	10	JUL 70	57162	57169	57154	57109	57147	57164	57155	57153	57167	57155			
11	20	JUL 70	57158	57170	57174	57155	57122	57118	57152	57157	57172	57107			
21	31	JUL 70	57157	57164	57170	57197	57163	57170	57167	57160	57161	57166	57159	57157	16 1800 57274 16 0900 57028
1	10	AUG 70	57144	57150	57140	57171	57160	57156	57164	57180	57175	57184			
11	20	AUG 70	57156	57154	57152	57150	57150	57117	57145	57180	57122	57118			
21	31	AUG 70	57146	57148	57165	57116	57142	57141	57117	57135	57112	57151	57100	57136	3 1500 57246 19 1600 57054
1	10	SEP 70	57124	57144	57110	57060	57119	57131	57140	57113	57131	57058			
11	20	SEP 70	57109	57126	57133	57158	57138	57109	57145	57110	57135	57130			
21	30	SEP 70	57119	57122	57110	57157	57128	57134	57098	57108	57087	57098	57104	4 1800	57260 4 0800 56925
1	10	OCT 70	57123	57082	56991	57060	57106	57098	57114	57122	57137	57067			
11	20	OCT 70	57131	57108	57118	57114	57095	57084	57054	57043	57126	57127			
21	31	OCT 70	57104	57099	57102	57109	57130	57132	57126	57143	57146	57122	57103	57104	28 0100 57201 3 1800 56910
1	10	NOV 70	57095	57142	57074	57104	57057	57053	57086	57124	57123	57086			
11	20	NOV 70	57115	57104	57108	57144	57076	57046	57088	57111	57097	56982			
21	30	NOV 70	57071	57045	56956	56814	57003	57072	57056	57083	57097	57091	57101	20 0500	57233 20 2200 56702
1	10	DEC 70	57097	57061	57100	56968	56981	56954	57083	57066	57048	57083			
11	20	DEC 70	57179	57150	57022	57021	57116	57152	57088	57111	57042	57061			
21	31	DEC 70	57074	57172	57132	57094	56962	57067	57041	57047	57076	57099	57106	57124	4 1800 57316 4 0900 56711

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 3090

ANNUAL SUMMARY OF LEVELS
DETROIT RIVER AT GIRRALTA, MICHIGAN

YEARLY MEAN ELEVATION 571.25 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 571.84 JUN 1970
DAILY MEAN ELEVATION 572.47 19 APR 1970
INSTANTANEOUS ELEVATION 573.43 1800 4 DEC 1970

MONTHLY MEAN ELEVATION 570.61 FEB 1970
DAILY MEAN ELEVATION 568.71 23 NOV 1970
INSTANTANEOUS ELEVATION 567.50 1800 26 MAR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.17	1	JAN	1970
570.99	9	FEB	1970
571.37	30	MAR	1970
572.47	19	APR	1970
572.12	29	MAY	1970
572.30	13	JUN	1970
572.12	23	JUL	1970
572.02	18	AUG	1970
571.71	23	SEP	1970
571.74	28	OCT	1970
571.62	2	NOV	1970
571.85	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
569.81	8	JAN	1970
570.13	20	FEB	1970
570.45	14	MAR	1970
570.19	2	APR	1970
571.32	26	MAY	1970
571.50	19	JUN	1970
571.28	20	JUL	1970
571.27	30	AUG	1970
570.88	10	SEP	1970
570.27	3	OCT	1970
568.71	23	NOV	1970
569.75	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
572.60													1
572.40				1									2
572.20						1							2
572.00					2	3	1	2					10
571.80				1	4	14	16	5				1	51
571.60				3	10	10	10	14	5	2	1	2	108
571.40				9	12	2	2	7	12	10	3	2	167
571.20			3	10	3		2	3	9	11	4	6	218
571.00	1		3	3					2	3	10	3	243
570.80	3	5	8	2					2	2	5	5	275
570.60	18	12	14							2	3	6	330
570.40	7	7	3								1	2	350
570.20		3								1	1	1	356
570.00		1		1							1	1	360
569.80	2											1	363
569.60												1	364
569.40													364
569.20													364
569.00													364
568.80													364
568.60											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

DAILY WATER LEVELS
DETROIT RIVER AT GIRRALTAIR, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57117	57100	57078	57069	57074	57094	57059	56981	56997	57041					
11	20	JAN 70	57080	57062	57058	57074	57088	57070	57076	57076	57069	57068					
21	31	JAN 70	57066	57070	57069	57069	57074	57073	57056	57062	57076	57051	57053	57050	1 1200	57163	9 0300 56912
1	10	FEB 70	57053	57068	57051	57084	57072	57083	57081	57080	57099	57067					
11	20	FEB 70	57052	57048	57061	57083	57072	57072	57069	57067	57050	57013					
21	28	FEB 70	57061	57046	57037	57061	57046	57038	57064	57034	57061				13 0900	57147	20 2200 56964
1	10	MAR 70	57086	57098	57132	57070	57070	57078	57063	57078	57091	57080					
11	20	MAR 70	57073	57085	57070	57045	57068	57062	57089	57100	57099	57080					
21	31	MAR 70	57084	57060	57108	57061	57072	57108	57053	57074	57086	57124	57137	57105	26 0600	57278	26 1800 56750
1	10	APR 70	57156	57019	57096	57102	57135	57128	57124	57126	57094	57102					
11	20	APR 70	57134	57158	57195	57152	57140	57140	57126	57136	57247	57173					
21	30	APR 70	57140	57108	57155	57137	57151	57148	57157	57158	57150	57168	57163		20 0200	57324	2 1800 56783
1	10	MAY 70	57152	57132	57157	57148	57138	57149	57163	57146	57150	57153					
11	20	MAY 70	57151	57165	57157	57196	57173	57159	57147	57174	57160	57174					
21	31	MAY 70	57166	57176	57166	57191	57192	57166	57132	57176	57210	57212	57186	57180	14 2200	57252	5 1600 57040
1	10	JUN 70	57182	57173	57178	57193	57180	57181	57174	57167	57181	57181					
11	20	JUN 70	57177	57184	57230	57209	57190	57187	57188	57159	57150	57187					
21	30	JUN 70	57184	57206	57176	57186	57169	57211	57196	57183	57191	57167	57179		26 1300	57274	18 1400 57067
1	10	JUL 70	57182	57188	57176	57131	57168	57185	57176	57180	57186	57177					
11	20	JUL 70	57179	57189	57194	57180	57149	57141	57172	57176	57195	57128					
21	31	JUL 70	57177	57181	57188	57212	57183	57188	57187	57183	57181	57187	57182	57178	16 1900	57297	16 0900 57055
1	10	AUG 70	57165	57171	57160	57190	57179	57176	57183	57197	57196	57201					
11	20	AUG 70	57175	57175	57173	57171	57173	57142	57164	57202	57150	57141					
21	31	AUG 70	57167	57167	57184	57138	57162	57164	57141	57156	57170	57127	57154		3 1500	57255	30 2400 57069
1	10	SEP 70	57146	57168	57142	57094	57139	57155	57164	57138	57154	57088					
11	20	SEP 70	57136	57151	57146	57171	57159	57128	57167	57131	57156	57153					
21	30	SEP 70	57142	57145	57132	57171	57152	57153	57124	57131	57109	57124	57120		4 1800	57282	4 0900 56971
1	10	OCT 70	57146	57113	57027	57085	57132	57121	57136	57142	57163	57098					
11	20	OCT 70	57146	57127	57137	57132	57110	57102	57080	57069	57142	57152					
21	31	OCT 70	57126	57123	57121	57127	57146	57148	57141	57160	57174	57145	57122	57125	28 0100	57223	3 1900 56961
1	10	NOV 70	57113	57162	57098	57121	57078	57085	57104	57141	57142	57110					
11	20	NOV 70	57131	57121	57117	57147	57088	57072	57110	57132	57120	57047					
21	30	NOV 70	57095	57071	57007	56871	57026	57120	57088	57098	57110	57109	57110		20 0600	57275	20 2300 56787
1	10	DEC 70	57124	57080	57126	57002	57022	56975	57099	57095	57070	57099					
11	20	DEC 70	57185	57159	57049	57049	57132	57163	57102	57134	57065	57078					
21	31	DEC 70	57094	57176	57144	57118	56992	57088	57068	57063	57092	57114	57125	57140	4 1800	57343	4 0900 56758

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4020

ANNUAL SUMMARY OF LEVELS
DETROIT RIVER AT WYANDOTTE, MICHIGAN

YEARLY MEAN ELEVATION 572.56 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 573.09 JUN 1970
DAILY MEAN ELEVATION 573.35 19 APR 1970
INSTANTANEOUS ELEVATION 573.95 0100 20 APR 1970

MONTHLY MEAN ELEVATION 571.72 JAN 1970
DAILY MEAN ELEVATION 570.91 23 NOV 1970
INSTANTANEOUS ELEVATION 570.35 1700 26 MAR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.12	31	JAN	1970
572.38	4	FEB	1970
572.63	30	MAR	1970
573.35	19	APR	1970
573.22	29	MAY	1970
573.34	13	JUN	1970
573.32	23	JUL	1970
573.22	10	AUG	1970
573.04	14	SEP	1970
572.84	28	OCT	1970
572.84	2	NOV	1970
573.03	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
570.92	9	JAN	1970
571.33	20	FEB	1970
571.97	14	MAR	1970
572.27	2	APR	1970
572.63	2	MAY	1970
572.92	29	JUN	1970
572.78	4	JUL	1970
572.70	30	AUG	1970
572.42	10	SEP	1970
572.10	3	OCT	1970
570.91	23	NOV	1970
571.73	24	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.40													
573.20				1	1	5	1	3					11
573.00				1	5	17	23	14	1			1	73
572.80				1	13	8	6	12	13	4	2	3	135
572.60			2	17	12		1	2	14	17	3	2	205
572.40			3	6					2	7	14	10	247
572.20		7	9	4						2	6	8	283
572.00	3	3	15							1	2	3	310
571.80	14	5	2								1	2	334
571.60	5	9									1	2	351
571.40	6	3											360
571.20	1	1											362
571.00													362
570.80	2										1		365

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 4030

DAILY WATER LEVELS

DETROIT RIVER AT WYANDOTTE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW ELEV. DAY TIME
1	10	JAN 70	57189	57170	57152	57145	57145	57162	57144	57093	57092	57126			
11	20	JAN 70	57152	57152	57163	57180	57189	57182	57193	57197	57190	57187			
21	31	JAN 70	57172	57186	57183	57180	57184	57186	57190	57195	57203	57200	57212	31 0300	57049
1	10	FEB 70	57214	57221	57219	57238	57230	57232	57227	57223	57232	57215			
11	20	FEB 70	57198	57178	57175	57175	57168	57162	57160	57158	57148	57133			
21	28	FEB 70	57191	57174	57181	57189	57175	57175	57190	57180	57190		4 0700	57249	20 0400 57111
1	10	MAR 70	57198	57208	57230	57207	57212	57216	57204	57218	57221	57216			
11	20	MAR 70	57212	57224	57212	57197	57207	57205	57221	57226	57223	57213			
21	31	MAR 70	57221	57212	57241	57216	57221	57242	57214	57222	57230	57263	57242	26 0600	57035
1	10	APR 70	57270	57227	57239	57245	57263	57260	57257	57250	57233	57247			
11	20	APR 70	57264	57279	57304	57276	57266	57263	57253	57263	57335	57280			
21	30	APR 70	57266	57240	57273	57261	57271	57270	57276	57280	57279	57283	20 0100	57395	2 1800 57115
1	10	MAY 70	57266	57263	57275	57273	57268	57281	57280	57270	57272	57271			
11	20	MAY 70	57278	57286	57284	57305	57296	57283	57280	57296	57287	57298			
21	31	MAY 70	57286	57294	57290	57308	57309	57291	57271	57299	57317	57322	57299	14 2400	57220
1	10	JUN 70	57300	57296	57311	57311	57303	57306	57298	57297	57303	57302			
11	20	JUN 70	57302	57308	57334	57325	57315	57312	57312	57297	57294	57315			
21	30	JUN 70	57309	57325	57306	57310	57300	57333	57328	57315	57314	57292	26 1300	57364	18 1700 57242
1	10	JUL 70	57307	57313	57304	57278	57299	57308	57300	57304	57313	57308			
11	20	JUL 70	57308	57313	57317	57306	57285	57283	57300	57310	57315	57285			
21	31	JUL 70	57307	57311	57316	57332	57315	57317	57316	57312	57312	57316	57312	16 1900	57245
1	10	AUG 70	57305	57303	57302	57316	57313	57311	57312	57321	57321	57322			
11	20	AUG 70	57308	57307	57304	57301	57300	57282	57298	57318	57290	57284			
21	31	AUG 70	57300	57302	57305	57282	57294	57293	57281	57290	57276	57296	57289	3 1700	57249
1	10	SEP 70	57285	57292	57279	57253	57279	57288	57291	57276	57287	57242			
11	20	SEP 70	57274	57280	57284	57304	57289	57272	57294	57277	57289	57285			
21	30	SEP 70	57280	57279	57275	57299	57285	57286	57274	57273	57263	57268	4 1800	57349	10 1200 57181
1	10	OCT 70	57284	57256	57210	57239	57263	57259	57270	57273	57282	57244			
11	20	OCT 70	57276	57264	57272	57272	57262	57254	57242	57230	57271	57278			
21	31	OCT 70	57263	57264	57262	57265	57275	57277	57273	57281	57284	57266	57253	28 0100	57174
1	10	NOV 70	57251	57284	57246	57260	57239	57235	57252	57272	57271	57248			
11	20	NOV 70	57260	57259	57262	57282	57247	57228	57247	57260	57248	57212			
21	30	NOV 70	57239	57213	57174	57091	57186	57231	57224	57236	57249	57244	20 0600	57344	23 1600 57054
1	10	DEC 70	57246	57225	57256	57199	57200	57178	57244	57238	57223	57244			
11	20	DEC 70	57303	57287	57218	57212	57256	57282	57248	57258	57223	57227			
21	31	DEC 70	57241	57291	57280	57256	57173	57235	57220	57222	57237	57251	57268	4 1900	57094

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4030

ANNUAL SUMMARY OF LEVELS
DETROIT RIVER AT FORT WAYNE, DETROIT, MICHIGAN

YEARLY MEAN ELEVATION 573.02 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 573.53 JUL 1970
DAILY MEAN ELEVATION 573.73 25 JUN 1970
INSTANTANEOUS ELEVATION 574.88 1900 4 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 572.13 JAN 1970
DAILY MEAN ELEVATION 571.38 9 JAN 1970
INSTANTANEOUS ELEVATION 571.14 0500 9 JAN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.52	31	JAN	1970
572.85	4	FEB	1970
573.06	29	MAR	1970
573.67	19	APR	1970
573.61	29	MAY	1970
573.73	25	JUN	1970
573.70	23	JUL	1970
573.66	10	AUG	1970
573.47	14	SEP	1970
573.32	1	OCT	1970
573.28	14	NOV	1970
573.42	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
571.38	9	JAN	1970
571.74	20	FEB	1970
572.38	1	MAR	1970
572.58	2	APR	1970
573.08	2	MAY	1970
573.39	2	JUN	1970
573.17	15	JUL	1970
573.20	30	AUG	1970
572.98	10	SEP	1970
572.86	18	OCT	1970
571.79	23	NOV	1970
572.33	24	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.80													
573.60				1	1	6	5	4					17
573.40					8	22	24	16	2			1	90
573.20				5	12	2	1	10	24	8	2	4	158
573.00			2	16	10		1	1	3	17	9	6	223
572.80		1	3	5					1	6	15	8	262
572.60		5	13	2							2	9	293
572.40	3	4	12	1							1	1	315
572.20	15	5	1									2	338
572.00	4	7											349
571.80	2	5											356
571.60	5	1									1		363
571.40	1												364
571.20	1												365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

DAILY WATER LEVELS

DETROIT RIVER AT FORT WAYNE, DETROIT, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57215	57194	57178	57174	57177	57185	57176	57150	57138	57168					
11	20	JAN 70	57206	57211	57215	57226	57231	57222	57224	57228	57229	57232					
21	31	JAN 70	57213	57237	57240	57240	57243	57239	57232	57235	57238	57235	57248	57252	31 0400	57260	9 0500 57114
1	10	FEB 70	57256	57260	57262	57285	57274	57270	57263	57259	57266	57255					
11	20	FEB 70	57240	57217	57208	57207	57197	57192	57190	57189	57182	57174					
21	28	FEB 70	57230	57210	57220	57228	57217	57218	57236	57226	57235		4 2100	57293	20 0500	57155	
1	10	MAR 70	57238	57246	57265	57252	57257	57259	57250	57262	57262	57258					
11	20	MAR 70	57257	57266	57256	57246	57254	57252	57265	57269	57265	57257					
21	31	MAR 70	57265	57261	57285	57265	57269	57285	57264	57270	57277	57306	57303	57286	26 0700	57362	26 1600 57117
1	10	APR 70	57301	57258	57275	57293	57307	57306	57303	57294	57279	57293					
11	20	APR 70	57308	57319	57340	57316	57308	57304	57295	57304	57367	57318					
21	30	APR 70	57307	57284	57313	57304	57313	57313	57318	57321	57321	57324	57321		19 2400	57425	2 1800 57171
1	10	MAY 70	57309	57308	57319	57316	57313	57323	57322	57314	57316	57314					
11	20	MAY 70	57318	57327	57327	57343	57338	57329	57327	57337	57332	57341					
21	31	MAY 70	57330	57339	57335	57348	57350	57335	57317	57343	57357	57361	57344	57341	14 2300	57374	5 1400 57276
1	10	JUN 70	57341	57339	57352	57351	57348	57348	57341	57341	57344	57346					
11	20	JUN 70	57346	57350	57370	57366	57356	57355	57356	57344	57344	57359					
21	30	JUN 70	57353	57367	57351	57353	57348	57373	57371	57361	57360	57340	57355		26 1600	57396	18 1500 57307
1	10	JUL 70	57352	57353	57343	57329	57351	57349	57345	57355	57358	57355					
11	20	JUL 70	57357	57360	57354	57346	57317	57349	57348	57364	57347	57341					
21	31	JUL 70	57353	57359	57369	57370	57358	57363	57359	57356	57360	57360	57361	57357	16 0800	57393	15 1600 57295
1	10	AUG 70	57348	57346	57356	57364	57358	57357	57357	57363	57364	57366					
11	20	AUG 70	57355	57353	57350	57348	57346	57330	57345	57358	57337	57333					
21	31	AUG 70	57346	57348	57332	57342	57338	57330	57336	57326	57340	57320	57335	4 0500	57391	30 1400	57288
1	10	SEP 70	57333	57338	57327	57315	57328	57335	57336	57323	57333	57298					
11	20	SEP 70	57321	57325	57336	57347	57334	57321	57338	57327	57335	57333					
21	30	SEP 70	57328	57326	57324	57345	57332	57333	57323	57323	57317	57319	57321	4 1800	57476	10 1400	57257
1	10	OCT 70	57332	57308	57286	57292	57310	57310	57316	57319	57328	57295					
11	20	OCT 70	57322	57313	57319	57321	57313	57306	57296	57286	57317	57323					
21	31	OCT 70	57312	57314	57311	57313	57320	57321	57320	57324	57326	57309	57301	57300	3 1000	57354	3 1800 57246
1	10	NOV 70	57298	57326	57300	57309	57293	57287	57304	57317	57315	57297					
11	20	NOV 70	57308	57307	57312	57328	57297	57281	57296	57305	57296	57299					
21	30	NOV 70	57293	57283	57241	57179	57302	57278	57274	57283	57296	57291	57295		20 0600	57471	23 1600 57125
1	10	DEC 70	57291	57274	57301	57270	57253	57240	57297	57285	57276	57292					
11	20	DEC 70	57342	57327	57273	57265	57300	57323	57294	57303	57274	57277					
21	31	DEC 70	57290	57330	57325	57301	57233	57284	57272	57278	57289	57301	57306	57313	4 1900	57488	24 0600 57166

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4036

ANNUAL SUMMARY OF LEVELS
DETROIT RIVER AT WINDMILL POINT, DETROIT, MICHIGAN

	HIGHEST	YEARLY MEAN ELEVATION	573.78 IN 1970	LOWEST
MONTHLY MEAN ELEVATION	574.34	JUL 1970	MONTHLY MEAN ELEVATION	572.57 JAN 1970
DAILY MEAN ELEVATION	574.51	26 JUN 1970	DAILY MEAN ELEVATION	572.05 9 JAN 1970
INSTANTANEOUS ELEVATION	574.70	1500 19 APR 1970	INSTANTANEOUS ELEVATION	571.99 0100 9 JAN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.10	31	JAN	1970
573.37	4	FEB	1970
573.88	29	MAR	1970
574.24	19	APR	1970
574.28	29	MAY	1970
574.51	26	JUN	1970
574.50	23	JUL	1970
574.41	10	AUG	1970
574.25	14	SEP	1970
574.14	1	OCT	1970
574.13	14	NOV	1970
574.16	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
572.05	9	JAN	1970
572.31	17	FEB	1970
573.11	1	MAR	1970
573.66	21	APR	1970
573.83	1	MAY	1970
574.13	1	JUN	1970
574.17	15	JUL	1970
574.07	30	AUG	1970
573.83	10	SEP	1970
573.71	3	OCT	1970
572.81	23	NOV	1970
573.40	24	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
574.60													
574.40						4	7	4					15
574.20				1	3	23	21	15	2				80
574.00				1	18	3	3	12	26	7	3	4	157
573.80			1	18	10				2	22	13	10	233
573.60			5	10						2	7	13	279
573.40			14								3	3	290
573.20		7	9								2	1	309
573.00	1	7	2								1		320
572.80	10	4									1		335
572.60	7	2											344
572.40	3	3											350
572.20	2	5											357
572.00	8												365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

DAILY WATER LEVELS
DETROIT RIVER AT WINDMILL POINT, DETROIT, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57253	57231	57215	57207	57206	57211	57212	57205	57205	57219			
11	20	JAN 70	57233	57245	57254	57262	57267	57265	57266	57272	57276	57279			
21	31	JAN 70	57257	57283	57287	57285	57286	57282	57281	57284	57287	57287	57310	31 2300	57199
1	10	FEB 70	57317	57323	57330	57337	57326	57321	57316	57315	57324	57322			
11	20	FEB 70	57310	57284	57255	57243	57235	57232	57231	57236	57240	57241			
21	28	FEB 70	57288	57262	57277	57290	57288	57297	57305	57301	57306		4 1400	57339	17 1800 57230
1	10	MAR 70	57311	57313	57327	57332	57341	57339	57335	57345	57340	57338			
11	20	MAR 70	57340	57349	57341	57337	57344	57341	57345	57350	57347	57340			
21	31	MAR 70	57347	57352	57365	57356	57357	57366	57346	57358	57364	57388	57369	26 0300	57226
1	10	APR 70	57381	57378	57371	57379	57386	57386	57384	57372	57367	57380			
11	20	APR 70	57389	57397	57406	57392	57386	57380	57376	57382	57424	57379			
21	30	APR 70	57386	57366	57388	57382	57391	57390	57393	57396	57397	57396	19 1500	57470	20 0800 57320
1	10	MAY 70	57383	57390	57392	57394	57394	57404	57395	57392	57393	57388			
11	20	MAY 70	57398	57401	57407	57415	57413	57408	57410	57415	57413	57417			
21	31	MAY 70	57407	57413	57413	57420	57424	57413	57403	57419	57426	57428	57414	29 0700	57354
1	10	JUN 70	57413	57415	57436	57427	57426	57425	57422	57422	57423	57424			
11	20	JUN 70	57424	57428	57437	57439	57435	57434	57432	57431	57431	57440			
21	30	JUN 70	57431	57442	57435	57432	57429	57450	57451	57443	57439	57419	26 1500	57468	2 1300 57387
1	10	JUL 70	57431	57435	57429	57418	57428	57430	57423	57426	57436	57434			
11	20	JUL 70	57435	57436	57438	57428	57417	57419	57427	57437	57433	57430			
21	31	JUL 70	57434	57437	57441	57450	57441	57441	57442	57437	57439	57441	57442	23 0900	57390
1	10	AUG 70	57439	57433	57436	57441	57439	57439	57436	57441	57441	57441			
11	20	AUG 70	57436	57432	57430	57428	57425	57414	57425	57429	57418	57420			
21	31	AUG 70	57427	57427	57423	57418	57420	57415	57414	57416	57409	57419	57418	3 1800	57386
1	10	SEP 70	57416	57414	57407	57398	57411	57414	57414	57406	57411	57383			
11	20	SEP 70	57402	57402	57416	57425	57412	57407	57415	57413	57415	57414			
21	30	SEP 70	57410	57406	57410	57423	57410	57412	57408	57409	57409	57410	13 2100	57439	10 1400 57339
1	10	OCT 70	57414	57392	57371	57383	57387	57392	57394	57397	57399	57381			
11	20	OCT 70	57402	57396	57401	57406	57403	57399	57390	57380	57398	57400			
21	31	OCT 70	57394	57398	57396	57396	57400	57402	57402	57400	57397	57384	57381	14 2300	57344
1	10	NOV 70	57383	57403	57389	57395	57389	57377	57395	57400	57397	57380			
11	20	NOV 70	57390	57392	57403	57413	57393	57375	57381	57386	57375	57349			
21	30	NOV 70	57375	57352	57320	57281	57336	57335	57355	57367	57381	57373	14 0500	57423	23 1600 57255
1	10	DEC 70	57366	57366	57380	57363	57352	57355	57384	57371	57369	57382			
11	20	DEC 70	57416	57406	57371	57361	57381	57398	57382	57383	57367	57370			
21	31	DEC 70	57378	57405	57406	57382	57340	57368	57371	57380	57389	57392	57394	11 1200	57287

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4049

ANNUAL SUMMARY OF LEVELS
LAKE ST. CLAIR AT ST. CLAIR SHORES, MICHIGAN

YEARLY MEAN ELEVATION 574.62 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 574.57 JUL 1970
DAILY MEAN ELEVATION 574.70 23 JUL 1970
INSTANTANEOUS ELEVATION 574.89 1400 19 APR 1970

MONTHLY MEAN ELEVATION 572.76 JAN 1970
DAILY MEAN ELEVATION 572.21 5 JAN 1970
INSTANTANEOUS ELEVATION 572.19 1000 9 JAN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.33	31	JAN	1970
573.62	3	FEB	1970
574.05	29	MAR	1970
574.39	19	APR	1970
574.48	29	MAY	1970
574.66	26	JUN	1970
574.70	23	JUL	1970
574.64	9	AUG	1970
574.43	14	SEP	1970
574.38	1	OCT	1970
574.23	2	NOV	1970
574.26	11	DEC	1970

ELEV.	DAY	MONTH	YEAR
572.21	5	JAN	1970
572.47	16	FEB	1970
573.31	1	MAR	1970
573.94	21	APR	1970
574.10	1	MAY	1970
574.39	1	JUN	1970
574.42	16	JUL	1970
574.34	30	AUG	1970
574.14	10	SEP	1970
574.04	30	OCT	1970
573.30	23	NOV	1970
573.76	24	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
574.80						6	11	7					24
574.60					4	23	20	21	5				97
574.40				2	18	1		3	24	18	2	3	168
574.20				21	9				1	13	18	14	246
574.00			2	7							6	12	280
573.80			9								3	2	302
573.60		1	16										311
573.40		7	2										323
573.20	2	7	2								1		335
573.00	9	3											343
572.80	6	2											349
572.60	3	3											357
572.40	3	5											365
572.20	8												

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMRER 4052

DAILY WATER LEVELS

LAKE ST. CLAIR AT ST. CLAIR SHORES, MICHIGAN

		MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	57273	57250	57235	57225	57221	57226	57230	57225	57222	57233						
11	20	JAN 70	57246	57260	57271	57279	57283	57284	57286	57293	57297	57300						
21	31	JAN 70	57276	57304	57307	57304	57305	57302	57303	57307	57308	57310	57333	31 2400	57336	9 1000	57219	
1	10	FEB 70	57341	57350	57362	57360	57346	57342	57338	57337	57343	57342						
11	20	FEB 70	57334	57306	57273	57258	57251	57247	57249	57254	57262	57270						
21	28	FEB 70	57310	57283	57300	57311	57313	57322	57334	57329	57328		3 1400	57365	16 2000	57247		
1	10	MAR 70	57331	57334	57345	57355	57368	57369	57364	57369	57368	57368						
11	20	MAR 70	57369	57374	57374	57370	57373	57374	57374	57380	57383	57381						
21	31	MAR 70	57374	57377	57385	57380	57382	57388	57383	57387	57389	57405	57393	26 0900	57438	26 1600	57306	
1	10	APR 70	57399	57394	57400	57404	57411	57409	57408	57401	57396	57400						
11	20	APR 70	57411	57415	57423	57414	57407	57404	57398	57403	57439	57407						
21	30	APR 70	57409	57394	57410	57407	57414	57413	57417	57419	57418	57418	19 1400	57489	2 1600	57348		
1	10	MAY 70	57410	57415	57418	57420	57417	57421	57421	57416	57417	57414						
11	20	MAY 70	57419	57423	57425	57434	57434	57433	57433	57437	57436	57438						
21	31	MAY 70	57430	57436	57434	57440	57445	57439	57429	57440	57446	57448	57439	14 2300	57460	1 0400	57395	
1	10	JUN 70	57439	57441	57448	57445	57447	57446	57443	57443	57445	57444						
11	20	JUN 70	57444	57448	57454	57457	57457	57457	57455	57456	57454	57462						
21	30	JUN 70	57453	57463	57458	57457	57456	57466	57466	57462	57462	57452	57458	17 1900	57487	10 1400	57421	
1	10	JUL 70	57454	57456	57454	57442	57450	57453	57450	57452	57458	57456						
11	20	JUL 70	57457	57458	57461	57456	57447	57442	57452	57460	57458	57452						
21	31	JUL 70	57457	57460	57464	57470	57466	57466	57466	57463	57464	57464	57465	23 0700	57477	16 0300	57415	
1	10	AUG 70	57461	57457	57459	57463	57463	57462	57459	57461	57464	57462						
11	20	AUG 70	57458	57456	57453	57452	57451	57443	57448	57454	57446	57445						
21	31	AUG 70	57451	57449	57448	57442	57444	57442	57441	57441	57435	57441	57439	9 0600	57469	19 1300	57423	
1	10	SEP 70	57441	57441	57437	57426	57436	57440	57440	57434	57436	57414						
11	20	SEP 70	57428	57431	57436	57443	57436	57431	57440	57437	57441	57439						
21	30	SEP 70	57435	57433	57435	57442	57439	57438	57434	57433	57432	57433	57432	23 2400	57451	10 1000	57379	
1	10	OCT 70	57438	57424	57405	57412	57422	57419	57420	57422	57429	57412						
11	20	OCT 70	57424	57422	57426	57428	57420	57422	57416	57410	57421	57425						
21	31	OCT 70	57420	57422	57419	57419	57421	57421	57421	57424	57424	57409	57405	9 2000	57442	3 1100	57389	
1	10	NOV 70	57407	57423	57414	57415	57411	57410	57416	57420	57420	57409						
11	20	NOV 70	57411	57411	57416	57421	57405	57403	57407	57408	57402	57390						
21	30	NOV 70	57400	57383	57364	57330	57363	57377	57383	57388	57398	57398	57402	20 0600	57449	23 1500	57308	
1	10	DEC 70	57399	57393	57404	57389	57383	57379	57406	57402	57397	57402						
11	20	DEC 70	57426	57420	57399	57391	57403	57418	57404	57408	57394	57397						
21	31	DEC 70	57403	57421	57424	57407	57376	57393	57393	57397	57406	57413	57417	57419	22 0200	57443	5 2000	57306

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4052

ANNUAL SUMMARY OF LEVELS
MINNICH AT ST. CLAIR RIVER HARSENS ISLAND, MICHIGAN

YEARLY MEAN ELEVATION 574.30 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 574.78 JUL 1970
DAILY MEAN ELEVATION 574.86 15 JUL 1970
INSTANTANEOUS ELEVATION 570.13 1700 1 APR 1970

MONTHLY MEAN ELEVATION 573.31 APR 1970
DAILY MEAN ELEVATION 573.15 19 MAR 1970
INSTANTANEOUS ELEVATION 572.87 0500 2 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
573.88	9	MAR	1970
573.44	1	APR	1970
574.62	26	MAY	1970
574.86	29	JUN	1970
574.86	15	JUL	1970
574.82	5	AUG	1970
574.67	3	SEP	1970
574.63	2	OCT	1970
574.53	20	NOV	1970
574.53	5	DEC	1970

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
573.15	19	MAR	1970
573.16	18	APR	1970
574.30	11	MAY	1970
574.51	3	JUN	1970
574.68	5	JUL	1970
574.59	31	AUG	1970
574.48	13	SEP	1970
574.24	30	OCT	1970
574.06	27	NOV	1970
574.19	11	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
575.00													
574.80						2	12	5					19
574.60					1	16	19	23	12	1			91
574.40					18	12		2	18	18	4	2	165
574.20					12					12	23	28	240
574.00											3	1	244
573.80			1										245
573.60			4										249
573.40			8	1									258
573.20			15	26									299
573.00			3	3									305

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4058

DAILY WATER LEVELS

MINNICH AT ST. CLAIR RIVER HARSENS ISLAND, MICHIGAN

MONTHLY MEANS			HIGH INSTANTANEOUS LOW DAY TIME ELEV. DAY TIME ELEV.														
1	10	JAN 70															
11	20	JAN 70															
21	31	JAN 70															
1	10	FEB 70															
11	20	FEB 70															
21	28	FEB 70															
1	10	MAR 70		57330	57334	57341	57345	57356	57358	57359	57364	57388	57377				
11	20	MAR 70		57366	57352	57352	57350	57331	57334	57332	57326	57315	57337				
21	31	MAR 70	57341	57320	57316	57324	57325	57322	57361	57335	57333	57325	57330	57326	26 0900	57437	26 0100 57306
1	10	APR 70		57344	57319	57335	57336	57339	57335	57337	57338	57336	57328				
11	20	APR 70		57328	57328	57329	57333	57329	57327	57320	57316	57323	57335				
21	30	APR 70	57331	57332	57327	57330	57330	57333	57331	57330	57330	57332	57333		1 1700	58013	2 0500 57287
1	10	MAY 70		57447	57438	57438	57436	57433	57431	57438	57436	57436	57433				
11	20	MAY 70		57430	57436	57436	57444	57449	57453	57450	57451	57452	57451				
21	31	MAY 70	57446	57451	57449	57452	57456	57460	57462	57454	57455	57458	57459	57456	25 1600	57477	5 1700 57414
1	10	JUN 70		57458	57452	57451	57458	57458	57459	57460	57459	57459	57459				
11	20	JUN 70		57457	57460	57464	57468	57470	57471	57476	57486	57478	57475				
21	30	JUN 70	57468	57474	57473	57474	57476	57476	57474	57476	57479	57486	57473		29 1100	57497	11 2400 57436
1	10	JUL 70		57471	57471	57473	57474	57468	57469	57472	57478	57472	57473				
11	20	JUL 70		57473	57474	57476	57481	57486	57474	57476	57473	57480	57478				
21	31	JUL 70	57478	57480	57482	57482	57484	57483	57483	57484	57482	57484	57484	57483	15 1900	57501	5 1600 57465
1	10	AUG 70		57482	57482	57482	57482	57482	57480	57479	57477	57479	57478				
11	20	AUG 70		57476	57475		57473	57474	57477	57466	57470	57474	57469				
21	31	AUG 70	57472	57467	57468	57466	57464	57467	57464	57462	57462	57460	57465	57459	3 0200	57505	30 2200 57448
1	10	SEP 70		57461	57463	57467	57463	57457	57461	57461	57457	57456	57462				
11	20	SEP 70		57456	57458	57448	57450	57456	57453	57457	57459	57461	57459				
21	30	SEP 70	57459	57459	57458	57456	57465	57458	57464	57463	57460	57465	57454		3 1400	57481	13 2100 57440
1	10	OCT 70		57458	57463	57457	57447	57450	57444	57442	57442	57448	57448				
11	20	OCT 70		57440	57444	57444	57442	57442	57445	57449	57446	57437	57441				
21	31	OCT 70	57442	57443	57438	57436	57436	57435	57432	57433	57434	57427	57424	57429	2 0800	57484	30 0400 57420
1	10	NOV 70		57430	57431	57439	57434	57438	57453	57434	57435	57436	57440				
11	20	NOV 70		57430	57429	57424	57423	57426	57440	57433	57428	57429	57453				
21	30	NOV 70	57431	57427	57445	57432	57410	57442	5 422	57406	57410	57421	57421		20 1200	57486	28 1000 57403
1	10	DEC 70		57435	57425	57431	57434	57453	57430	57431	57442	57430	57421				
11	20	DEC 70		57419	57423	57435	57433	57422	57422	57424	57432	57431	57432				
21	31	DEC 70	57431	57426	57431	57437	57438	57425	57433	57426	57431	57433	57435	57435	5 1700	57484	4 1200 57400

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4058

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT ST. CLAIR FLATS

YEARLY MEAN ELEVATION 574.43 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 574.65 JUL 1970
DAILY MEAN ELEVATION 574.77 18 JUN 1970
INSTANTANEOUS ELEVATION 575.12 1800 3 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 574.18 NOV 1970
DAILY MEAN ELEVATION 573.96 24 NOV 1970
INSTANTANEOUS ELEVATION 573.72 2115 23 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
574.52	30	MAY	1970
574.77	18	JUN	1970
574.72	24	JUL	1970
574.71	5	AUG	1970
574.54	3	SEP	1970
574.50	2	OCT	1970
574.41	6	NOV	1970
574.35	5	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
574.25	11	MAY	1970
574.49	1	JUN	1970
574.58	5	JUL	1970
574.47	31	AUG	1970
574.37	13	SEP	1970
574.12	30	OCT	1970
573.96	24	NOV	1970
574.11	15	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
575.00													
574.80													
574.60													57
574.40						17	9	27	13				135
574.20					17	10		18	26	3	1		190
574.00									4	19	10	12	228
573.80										3	17	18	230
											2		

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

DAILY WATER LEVELS
ST. CLAIR RIVER AT ST. CLAIR FLATS

MONTHLY MEANS			HIGH INSTANTANEOUS LOW DAY TIME ELEV. DAY TIME ELEV.																	
1	10	JAN 70																		
11	20	JAN 70																		
21	31	JAN 70																		
1	10	FEB 70																		
11	20	FEB 70																		
21	28	FEB 70																		
1	10	MAR 70																		
11	20	MAR 70																		
21	31	MAR 70																		
1	10	APR 70																		
11	20	APR 70																		
21	30	APR 70																		
1	10	MAY 70																		
11	20	MAY 70																		
21	31	MAY 70	57440	57425	57429	57430	57436	57441	57445	57444	57444	57444	57445	57451	25	1608	57481	5	1835	57405
1	10	JUN 70																		
11	20	JUN 70																		
21	30	JUN 70	57464	57449	57454	57458	57462	57464	57466	57467	57477	57471	57469	57471	17	1900	57510	11	2400	57426
1	10	JUL 70																		
11	20	JUL 70																		
21	31	JUL 70	57465	57463	57460	57463	57462	57458	57459	57460	57462	57463	57462	57468	3	1800	57512	8	1405	57375
1	10	AUG 70																		
11	20	AUG 70																		
21	31	AUG 70	57460	57470	57471	57470	57470	57471	57470	57467	57456	57458	57466	57456	3	0210	57500	28	1645	57420
1	10	SEP 70																		
11	20	SEP 70																		
21	30	SEP 70	57445	57448	57449	57454	57449	57444	57447	57446	57443	57443	57443	57447	29	1605	57479	13	0905	57413
1	10	OCT 70																		
11	20	OCT 70																		
21	31	OCT 70	57430	57448	57450	57443	57432	57434	57433	57434	57438	57431	57426	57430	2	0805	57477	30	0035	57404
1	10	NOV 70																		
11	20	NOV 70																		
21	30	NOV 70	57415	57418	57420	57431	57428	57430	57441	57425	57426	57425	57426	57412	20	1617	57483	23	2115	57372
1	10	DEC 70																		
11	20	DEC 70																		
21	31	DEC 70	57420	57415	57417	57421	57420	57411	57414	57416	57419	57418	57419	57412	5	1630	57474	4	1013	57385

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4060

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER NORTH CHANNEL AT HARSENS ISLAND, MICHIGAN

YEARLY MEAN ELEVATION 573.25 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 573.30 JUL 1970
DAILY MEAN ELEVATION 573.40 15 JUL 1970
INSTANTANEOUS ELEVATION 573.68 1550 29 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 573.19 JUN 1970
DAILY MEAN ELEVATION 573.05 4 JUN 1970
INSTANTANEOUS ELEVATION 572.80 0020 12 JUN 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
573.39	29	JUN	1970
573.40	15	JUL	1970
573.38	4	AUG	1970
		SEP	1970
		OCT	1970
		NOV	1970
		DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
573.05	4	JUN	1970
573.19	5	JUL	1970
573.09	29	AUG	1970
		SEP	1970
		OCT	1970
		NOV	1970
		DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
573.60													
573.40													
573.20						14	29	20					63
573.00						13	2	11					89

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4160

DAILY WATER LEVELS

ST. CLAIR RIVER NORTH CHANNEL AT MARSENS ISLAND, MICHIGAN

		MONTHLY MEANS												HIGH DAY TIME ELEV.	INSTANTANEOUS DAY TIME ELEV.	LOW DAY TIME ELEV.
1	10	JAN 70														
11	20	JAN 70														
21	31	JAN 70														
1	10	FEB 70														
11	20	FEB 70														
21	28	FEB 70														
1	10	MAR 70														
11	20	MAR 70														
21	31	MAR 70														
1	10	APR 70														
11	20	APR 70														
21	30	APR 70														
1	10	MAY 70														
11	20	MAY 70														
21	31	MAY 70														
1	10	JUN 70														
11	20	JUN 70														
21	30	JUN 70	57319	57306	57307	57312	57317	57320	57320	57326	57336	57326	57324	29 1145	57357	12 0020 57280
1	10	JUL 70														
11	20	JUL 70														
21	31	JUL 70	57330	57322	57321	57324	57325	57319	57320	57324	57330	57323	57323	29 1550	57368	5 1555 57311
1	10	AUG 70														
11	20	AUG 70														
21	31	AUG 70	57325	57338	57338	57338	57338	57335	57334	57333	57331	57333	57331	3 0310	57362	28 1740 57297
1	10	SEP 70														
11	20	SEP 70														
21	30	SEP 70														
1	10	OCT 70														
11	20	OCT 70														
21	31	OCT 70														
1	10	NOV 70														
11	20	NOV 70														
21	30	NOV 70														
1	10	DEC 70														
11	20	DEC 70														
21	31	DEC 70														

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4160

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT ALGONAC, MICHIGAN

YEARLY MEAN ELEVATION 574.68 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 575.14 JUL 1970
DAILY MEAN ELEVATION 575.25 3 AUG 1970
INSTANTANEOUS ELEVATION 575.51 1430 26 MAR 1970

LOWEST

MONTHLY MEAN ELEVATION 573.90 JAN 1970
DAILY MEAN ELEVATION 573.11 14 FEB 1970
INSTANTANEOUS ELEVATION 573.08 1700 14 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
574.57	30	JAN	1970
574.80	2	FEB	1970
574.98	9	MAR	1970
575.14	4	APR	1970
574.99	26	MAY	1970
575.12	18	JUN	1970
575.23	15	JUL	1970
575.25	3	AUG	1970
575.06	10	SEP	1970
574.97	3	OCT	1970
574.86	6	NOV	1970
574.90	5	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
573.28	4	JAN	1970
573.11	14	FEB	1970
574.21	1	MAR	1970
574.32	1	APR	1970
574.66	11	MAY	1970
574.85	1	JUN	1970
574.99	1	JUL	1970
574.97	29	AUG	1970
574.89	23	SEP	1970
574.60	29	OCT	1970
574.46	27	NOV	1970
574.53	16	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
575.40							5	3					9
575.20							25	24	6				70
575.00				2		5	1	4	24	15	2	2	164
574.80			1	2	16	25							260
574.60		2	5	17	13					15	21	23	299
574.40	3	3	11	8						1	7	6	326
574.20	4	8	14	1									339
574.00	8	5											347
573.80	5	3											349
573.60	2												356
573.40	5	2											363
573.20	4	3											365
573.00		2											

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

DAILY WATER LEVELS
ST. CLAIR RIVER AT ALGONAC, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV., DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	57345	57333	57328	57328	57335	57341	57344	57347	57350	57363						
11	20	JAN 70	57364	57382	57390	57396	57390	57390	57409	57412	57416	57416						
21	31	JAN 70	57390	57425	57419	57412	57414	57412	57432	57429	57424	57446	57457	57450	29 1625	57495	4 1800	57325
1	10	FEB 70	57456	57480	57466	57424	57417	57422	57426	57437	57448	57448						
11	20	FEB 70	57424	57354	57323	57311	57313	57321	57336	57356	57382	57384						
21	28	FEB 70	57402	57391	57403	57410	57410	57439	57414	57429	57427				2 1640	57519	14 1700	57308
1	10	MAR 70	57421	57431	57426	57427	57448	57472	57461	57478	57498	57466						
11	20	MAR 70	57444	57430	57429	57431	57427	57431	57429	57426	57429	57446						
21	31	MAR 70	57443	57435	57432	57441	57450	57444	57466	57449	57451	57442	57444	57444	26 1430	57551	1 1200	57411
1	10	APR 70	57432	57472	57513	57514	57497	57478	57476	57466	57467	57462						
11	20	APR 70	57462	57455	57455	57469	57489	57455	57450	57448	57443	57458						
21	30	APR 70	57467	57462	57457	57462	57463	57468	57464	57465	57465	57466			3 1315	57547	2 0530	57402
1	10	MAY 70	57481	57473	57472	57472	57470	57468	57469	57470	57469	57468						
11	20	MAY 70	57466	57469	57471	57476	57481	57487	57484	57484	57491	57484						
21	31	MAY 70	57480	57483	57482	57485	57488	57493	57499	57490	57488	57489	57491	57490	25 1650	57519	5 1705	57446
1	10	JUN 70	57485	57497	57498	57487	57497	57494	57496	57496	57494	57496						
11	20	JUN 70	57496	57493	57490	57495	57500	57498	57500	57512	57506	57498						
21	30	JUN 70	57498	57497	57498	57497	57501	57500	57497	57500	57502	57509			18 1340	57543	1 1800	57472
1	10	JUL 70	57499	57505	57508	57509	57503	57505	57508	57513	57508	57509						
11	20	JUL 70	57509	57510	57511	57516	57523	57514	57512	57510	57513	57517						
21	31	JUL 70	57514	57518	57519	57518	57520	57519	57519	57522	57520	57521	57521	57521	15 1800	57545	5 1600	57490
1	10	AUG 70	57522	57520	57525	57522	57520	57517	57516	57513	57515	57514						
11	20	AUG 70	57514	57512	57513	57511	57511	57513	57506	57506	57511	57507						
21	31	AUG 70	57510	57504	57503	57504	57503	57503	57502	57499	57499	57497	57502	57500	3 0210	57545	28 1800	57483
1	10	SEP 70	57500	57499	57502	57502	57494	57494	57490	57494	57497	57506						
11	20	SEP 70	57501	57501	57495	57493	57496	57495	57492	57493	57492	57490						
21	30	SEP 70	57496	57490	57491	57489	57495	57491	57499	57500	57500	57502			10 1210	57525	26 1800	57472
1	10	OCT 70	57495	57495	57497	57492	57492	57487	57484	57483	57483	57486						
11	20	OCT 70	57477	57480	57480	57483	57482	57485	57485	57481	57468	57472						
21	31	OCT 70	57479	57477	57476	57474	57472	57472	57469	57467	57462	57460	57462	57466	2 0941	57520	29 1600	57446
1	10	NOV 70	57468	57465	57472	57470	57478	57486	57471	57469	57467	57472						
11	20	NOV 70	57466	57466	57465	57461	57467	57476	57467	57460	57462	57483						
21	30	NOV 70	57467	57464	57479	57479	57453	57473	57457	57446	57450	57456			20 1300	57521	26 2400	57440
1	10	DEC 70	57465	57464	57470	57481	57490	57479	57466	57474	57467	57460						
11	20	DEC 70	57454	57456	57472	57470	57457	57453	57458	57465	57467	57470						
21	31	DEC 70	57467	57461	57462	57467	57475	57461	57469	57461	57466	57468	57469	57466	4 0555	57529	11 2130	57439

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4070

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER ST. CLAIR S.P. ST. CLAIR, MICHIGAN

YEARLY MEAN ELEVATION 576.44 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 576.64 AUG 1970
DAILY MEAN ELEVATION 576.87 3 AUG 1970
INSTANTANEOUS ELEVATION 577.61 0800 4 DEC 1970

MONTHLY MEAN ELEVATION 576.18 DEC 1970
DAILY MEAN ELEVATION 575.92 28 OCT 1970
INSTANTANEOUS ELEVATION 575.75 1600 1 DEC 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
576.70	19	JUN	1970
576.75	20	JUL	1970
576.87	3	AUG	1970
576.70	28	SEP	1970
576.59	3	OCT	1970
576.54	5	NOV	1970
576.64	6	DEC	1970

ELEV.	DAY	MONTH	YEAR
		JAN	1970
		FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
576.41	10	JUN	1970
576.53	13	JUL	1970
576.51	22	AUG	1970
576.38	15	SEP	1970
575.92	28	OCT	1970
575.97	26	NOV	1970
575.93	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
577.00													
576.80								1					1
576.60						4	20	19	4			1	40
576.40						23	11	11	25	10	3	1	133
576.20									1	16	15	11	176
576.00										3	11	15	205
575.80										2	1	3	211

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

DAILY WATER LEVELS

ST. CLAIR RIVER ST. CLAIR S.P. ST. CLAIR, MICHIGAN

MONTHLY MEANS														HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	ELEV.		
1	10	JAN 70																	
11	20	JAN 70																	
21	31	JAN 70																	
1	10	FEB 70																	
11	20	FEB 70																	
21	28	FEB 70																	
1	10	MAR 70																	
11	20	MAR 70																	
21	31	MAR 70																	
1	10	APR 70																	
11	20	APR 70																	
21	30	APR 70																	
1	10	MAY 70																	
11	20	MAY 70																	
21	31	MAY 70																	
1	10	JUN 70																	
11	20	JUN 70																	
21	30	JUN 70	57653	57644	57649	57647	57649	57652	57649	57651	57664	57670	57658	18	1300	57709	11 0200	57624	
1	10	JUL 70																	
11	20	JUL 70																	
21	31	JUL 70	57663	57654	57655	57656	57663	57659	57656	57654	57659	57659	57662	57672	16	1000	57694	3 1500	57634
1	10	AUG 70																	
11	20	AUG 70																	
21	31	AUG 70	57664	57675	57674	57687	57679	57674	57670	57670	57669	57668	57665	57665	3	0400	57703	22 1200	57619
1	10	SEP 70																	
11	20	SEP 70																	
21	30	SEP 70	57653	57656	57646	57647	57657	57660	57652	57644	57650	57653	57651	57665	26	1600	57744	15 2200	57602
1	10	OCT 70																	
11	20	OCT 70																	
21	31	OCT 70	57633	57649	57647	57659	57656	57636	57633	57634	57633	57628	57638	57620	2	0900	57675	28 1900	57582
1	10	NOV 70																	
11	20	NOV 70																	
21	30	NOV 70	57623	57630	57635	57622	57633	57654	57635	57641	57627	57617	57615	57616	5	1300	57681	25 2100	57575
1	10	DEC 70																	
11	20	DEC 70																	
21	31	DEC 70	57618	57593	57617	57626	57648	57629	57644	57622	57619	57617	57622	57610	4	0800	57761	1 1600	57575

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4080

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT MARYSVILLE, MICHIGAN

YEARLY MEAN ELEVATION 577.23 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 577.75 JAN 1970
DAILY MEAN ELEVATION 578.42 12 FEB 1970
INSTANTANEOUS ELEVATION 578.83 0725 4 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 576.71 MAR 1970
DAILY MEAN ELEVATION 576.46 20 APR 1970
INSTANTANEOUS ELEVATION 576.18 1715 20 MAR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.21	1	JAN	1970
578.42	12	FEB	1970
576.99	8	MAR	1970
577.17	3	APR	1970
577.27	26	MAY	1970
577.55	19	JUN	1970
577.62	20	JUL	1970
577.78	3	AUG	1970
577.60	30	SEP	1970
577.48	15	OCT	1970
577.46	5	NOV	1970
577.47	5	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
577.05	31	JAN	1970
576.62	26	FEB	1970
576.48	20	MAR	1970
576.46	20	APR	1970
576.87	10	MAY	1970
577.11	1	JUN	1970
577.34	1	JUL	1970
577.34	22	AUG	1970
577.20	15	SEP	1970
576.65	28	OCT	1970
576.78	26	NOV	1970
576.65	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
578.60													
578.40		1											1
578.20	1	1											3
578.00	6	2											11
577.80	5	1											17
577.60	9	2					1	4					33
577.40	7	2				5	23	21	12	4	1	1	109
577.20	2	12			2	24	7	6	17	8	6	2	195
577.00	1	5		4	21	1			1	16	11	16	271
576.80		1	8	15	8					1	10	10	324
576.60		1	15	9						2	2	2	355
576.40			8	2									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMMER 4084

DAILY WATER LEVELS
ST. CLAIR RIVER AT MARYSVILLE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW ELEV.
1	10	JAN 70	57821	57804	57811	57794	57818	57810	57779	57752	57762	57773			
11	20	JAN 70	57756	57774	57819	57810	57768	57756	57792	57785	57772	57779			
21	31	JAN 70	57775	57788	57754	57791	57747	57765	57774	57755	57722	57754	57733	57705	5 1530 57839 31 1735 57676
1	10	FEB 70	57692	57724	57761	57739	57736	57735	57726	57738	57733	57752			
11	20	FEB 70	57810	57842	57822	57806	57793	57772	57738	57734	57756	57726			
21	28	FEB 70	57743	57718	57720	57727	57709	57728	57662	57703	57701		12 0030 57870	26 1125 57625	
1	10	MAR 70	57684	57671	57648	57659	57688	57671	57687	57699	57698	57684			
11	20	MAR 70	57677	57669	57666	57666	57663	57665	57660	57658	57659	57648			
21	31	MAR 70	57671	57667	57672	57672	57674	57670	57675	57672	57681	57681	57659	57659	7 2105 57737 20 1715 57618
1	10	APR 70	57658	57704	57717	57704	57685	57674	57681	57673	57690	57701			
11	20	APR 70	57688	57677	57673	57684	57691	57672	57676	57683	57667	57646			
21	30	APR 70	57684	57676	57687	57679	57691	57690	57686	57689	57691	57689	57685	2 1340 57763	20 1515 57619
1	10	MAY 70	57691	57704	57694	57700	57708	57715	57695	57696	57693	57687			
11	20	MAY 70	57702	57697	57713	57713	57703	57710	57716	57710	57713	57716			
21	31	MAY 70	57707	57702	57713	57715	57713	57710	57727	57726	57714	57709	57706	57711	5 1340 57761 7 2147 57660
1	10	JUN 70	57711	57732	57737	57730	57732	57730	57731	57733	57730	57724			
11	20	JUN 70	57729	57734	57731	57730	57729	57733	57730	57744	57755	57742			
21	30	JUN 70	57735	57739	57739	57733	57735	57749	57740	57747	57738	57735	57740	18 1240 57790	1 0750 57701
1	10	JUL 70	57734	57738	57741	57746	57746	57740	57737	57741	57743	57749			
11	20	JUL 70	57749	57746	57736	57738	57746	57758	57750	57755	57738	57762			
21	31	JUL 70	57748	57759	57758	57754	57751	57754	57753	57752	57757	57755	57753	57758	16 0900 57790 3 2400 57713
1	10	AUG 70	57763	57761	57778	57766	57759	57757	57756	57756	57754	57752			
11	20	AUG 70	57754	57753	57751	57749	57746	57751	57754	57740	57739	57753			
21	31	AUG 70	57750	57751	57734	57747	57744	57739	57743	57737	57741	57742	57735	57756	4 0015 57800 27 2225 57705
1	10	SEP 70	57741	57726	57725	57743	57748	57737	57724	57735	57740	57737			
11	20	SEP 70	57745	57731	57750	57734	57720	57738	57732	57738	57736	57725			
21	30	SEP 70	57738	57727	57741	57741	57722	57740	57744	57753	57759	57742	57760	26 1615 57845	15 1847 57684
1	10	OCT 70	57733	57726	57745	57746	57720	57718	57720	57718	57710	57722			
11	20	OCT 70	57732	57717	57720	57740	57748	57743	57728	57734	57714	57710			
21	31	OCT 70	57718	57711	57721	57714	57709	57710	57706	57691	57665	57679	57705	57704	15 0425 57766 28 2305 57648
1	10	NOV 70	57718	57724	57705	57720	57746	57716	57730	57713	57698	57694			
11	20	NOV 70	57714	57719	57735	57725	57734	57709	57707	57689	57692	57679			
21	30	NOV 70	57708	57710	57686	57726	57720	57681	57678	57693	57698	57681	57699	5 1200 57786	25 2235 57642
1	10	DEC 70	57665	57711	57737	57696	57747	57735	57693	57701	57712	57704			
11	20	DEC 70	57693	57701	57706	57704	57689	57684	57701	57694	57706	57716			
21	31	DEC 70	57703	57706	57686	57678	57700	57698	57706	57703	57710	57706	57701	57690	4 0725 57883 1 1900 57641

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4084

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT DRY DOCK, PORT HURON, MICHIGAN

YEARLY MEAN ELEVATION 577.67 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 578.04 JAN 1970
DAILY MEAN ELEVATION 578.60 12 FEB 1970
INSTANTANEOUS ELEVATION 579.46 0700 4 DEC 1970

MONTHLY MEAN ELEVATION 577.22 MAR 1970
DAILY MEAN ELEVATION 576.68 20 APR 1970
INSTANTANEOUS ELEVATION 576.30 1600 20 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.43	13	JAN	1970
578.60	12	FEB	1970
577.50	8	MAR	1970
577.56	3	APR	1970
577.71	27	MAY	1970
578.00	19	JUN	1970
578.12	20	JUL	1970
578.23	3	AUG	1970
578.10	30	SEP	1970
577.99	15	OCT	1970
577.96	5	NOV	1970
578.17	6	DEC	1970

ELEV.	DAY	MONTH	YEAR
577.40	31	JAN	1970
577.08	26	FEB	1970
576.96	20	MAR	1970
576.68	20	APR	1970
577.30	10	MAY	1970
577.54	1	JUN	1970
577.78	14	JUL	1970
577.79	22	AUG	1970
577.63	24	SEP	1970
577.02	28	OCT	1970
577.16	20	NOV	1970
577.03	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
578.80													
578.60													
578.40	1	2											3
578.20	6	2						1					12
578.00	12	2					6	6	2			1	41
577.80	7	3				14	22	22	15	6	3	1	134
577.60	2	11			4	15	3	2	13	12	9	2	207
577.40	1	6	3	4	23	1				10	9	20	284
577.20	1	1	12	19	4					1	7	6	335
577.00		1	14	6						2	2	1	361
576.80			2										363
576.60				1									364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4047

DAILY WATER LEVELS

ST. CLAIR RIVER AT DRY DOCK, PORT HURON, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	57811	57820	57827	57824	57840	57840	57817	57799	57813							
11	20	JAN 70	57801	57806	57843	57836	57790	57781	57818	57813	57801	57807						
21	31	JAN 70	57804	57816	57781	57815	57770	57791	57801	57783	57750	57788	57768	57740	13 2200	57864	28 2000	57719
1	10	FEB 70	57731	57770	57802	57766	57764	57766	57759	57774	57770	57786						
11	20	FEB 70	57842	57860	57840	57825	57813	57797	57766	57765	57791	57764						
21	28	FEB 70	57777	57756	57759	57768	57754	57780	57708	57745	57745				12 0100	57888	26 1400	57677
1	10	MAR 70	57731	57720	57696	57709	57741	57716	57737	57750	57748	57734						
11	20	MAR 70	57729	57724	57718	57719	57716	57717	57713	57710	57712	57696						
21	31	MAR 70	57722	57719	57725	57723	57723	57721	57720	57721	57732	57738	57706	57706	29 1500	57844	20 2000	57679
1	10	APR 70	57707	57756	57756	57745	57726	57718	57726	57717	57740	57754						
11	20	APR 70	57738	57725	57721	57731	57736	57715	57721	57730	57706	57668						
21	30	APR 70	57728	57716	57733	57724	57739	57737	57730	57732	57734	57731	57728		2 1300	57816	20 1600	57630
1	10	MAY 70	57733	57752	57740	57746	57756	57764	57741	57743	57739	57730						
11	20	MAY 70	57750	57743	57762	57760	57745	57756	57760	57752	57756	57760						
21	31	MAY 70	57752	57742	57758	57759	57756	57751	57771	57771	57758	57752	57748	57754	5 1400	57798	21 1400	57695
1	10	JUN 70	57754	57778	57787	57777	57780	57776	57776	57778	57772	57772						
11	20	JUN 70	57776	57782	57779	57777	57783	57777	57773	57784	57800	57788						
21	30	JUN 70	57781	57784	57785	57778	57794	57787	57793	57783	57778	57787			24 2000	57840	1 0600	57745
1	10	JUL 70	57778	57783	57785	57789	57793	57786	57782	57783	57788	57795						
11	20	JUL 70	57794	57792	57780	57778	57790	57805	57793	57801	57781	57812						
21	31	JUL 70	57793	57805	57803	57800	57795	57799	57797	57794	57799	57797	57794	57802	16 0900	57846	3 2400	57754
1	10	AUG 70	57808	57804	57823	57811	57803	57801	57799	57800	57797	57795						
11	20	AUG 70	57797	57797	57794	57792	57789	57796	57800	57784	57782	57800						
21	31	AUG 70	57795	57797	57779	57792	57790	57782	57789	57781	57785	57788	57780	57802	3 2400	57853	30 0600	57744
1	10	SEP 70	57787	57772	57767	57789	57796	57782	57766	57778	57785	57778						
11	20	SEP 70	57792	57777	57800	57780	57766	57785	57778	57782	57780	57769						
21	30	SEP 70	57783	57771	57788	57786	57763	57786	57792	57800	57808	57786	57810		26 1600	57899	24 1500	57726
1	10	OCT 70	57778	57768	57793	57794	57764	57763	57765	57762	57751	57765						
11	20	OCT 70	57780	57761	57764	57788	57799	57794	57774	57781	57759	57754						
21	31	OCT 70	57763	57755	57767	57760	57754	57756	57751	57733	57702	57720	57750	57750	15 2400	57818	28 2300	57684
1	10	NOV 70	57766	57771	57748	57767	57796	57760	57779	57758	57740	57735						
11	20	NOV 70	57761	57767	57787	57774	57785	57755	57752	57731	57735	57716						
21	30	NOV 70	57754	57756	57724	57775	57772	57718	57722	57746	57752	57727	57752		5 1200	57840	25 2000	57683
1	10	DEC 70	57703	57749	57760	57789	57748	57817	57759	57738	57748	57762						
11	20	DEC 70	57747	57742	57755	57753	57741	57727	57747	57736	57748	57764						
21	31	DEC 70	57750	57756	57731	57722	57745	57745	57753	57752	57759	57756	57751	57737	4 0700	57946	1 1900	57672

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4087

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT MOUTH OF BLACK RIVER, PORT HURON, MICHIGAN

YEARLY MEAN ELEVATION 578.01 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 578.32 AUG 1970
DAILY MEAN ELEVATION 578.66 3 AUG 1970
INSTANTANEOUS ELEVATION 579.99 0715 4 DEC 1970

MONTHLY MEAN ELEVATION 577.53 MAR 1970
DAILY MEAN ELEVATION 577.05 20 APR 1970
INSTANTANEOUS ELEVATION 576.72 1712 20 MAR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.42	14	JAN	1970
578.46	13	FEB	1970
577.77	5	MAR	1970
577.87	10	APR	1970
578.05	26	MAY	1970
578.34	19	JUN	1970
578.54	20	JUL	1970
578.66	3	AUG	1970
578.48	30	SEP	1970
578.40	15	OCT	1970
578.37	5	NOV	1970
578.62	6	DEC	1970

ELEV.	DAY	MONTH	YEAR
578.04	31	JAN	1970
577.36	26	FEB	1970
577.21	20	MAR	1970
577.05	20	APR	1970
577.66	10	MAY	1970
577.90	1	JUN	1970
578.16	14	JUL	1970
578.14	30	AUG	1970
577.98	24	SEP	1970
577.31	28	OCT	1970
577.41	25	NOV	1970
577.34	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
578.80								1				1	2
578.60							5	5	3				22
578.40	2	5				9	22	18	11	6	3	1	107
578.20	13	2			6	20	4	7	14	7	8	2	202
578.00	16	11		3	19	1			2	15	10	16	276
577.80		8											
577.60		1	8	15	6					1	5	9	321
577.40			18	10						1	4	1	355
577.20		1	5	1						1		1	364
577.00				1									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

DAILY WATER LEVELS

ST. CLAIR RIVER AT MOUTH OF BLACK RIVER, PORT HURON, MICHIGAN

DAY		MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	ELEV.	
1	10	JAN 70		57822	57825	57825	57826	57831	57842	57833	57811	57817	57835					
11	20	JAN 70		57836	57825	57831	57842	57821	57805	57811	57817	57818	57817					
21	31	JAN 70	57821	57820	57820	57820	57821	57821	57820	57817	57808	57804	57809	57804	6 0800	57844	31 2400	57799
1	10	FEB 70		57795	57793	57807	57812	57809	57811	57811	57811	57811	57811					
11	20	FEB 70		57823	57844	57846	57845	57844	57844	57840	57820	57818	57799					
21	28	FEB 70	57810	57793	57794	57800	57785	57814	57736	57778	57786			18 2400	57885	26 1125	57693	
1	10	MAR 70		57763	57754	57731	57746	57777	57740	57768	57776	57770	57761					
11	20	MAR 70		57760	57754	57748	57749	57744	57750	57744	57744	57744	57721					
21	31	MAR 70	57753	57751	57760	57757	57755	57752	57752	57752	57765	57767	57737	57737	7 2256	57840	20 1712	57672
1	10	APR 70		57740	57787	57781	57771	57750	57744	57754	57744	57771	57787					
11	20	APR 70		57767	57756	57750	57758	57768	57751	57761	57772	57742	57705					
21	30	APR 70	57761	57753	57771	57761	57775	57771	57767	57770	57773	57770	57764		2 1220	57873	20 1515	57675
1	10	MAY 70		57768	57789	57775	57784	57798	57805	57778	57780	57775	57766					
11	20	MAY 70		57790	57781	57802	57798	57784	57789	57799	57790	57797	57800					
21	31	MAY 70	57790	57784	57801	57802	57792	57794	57805	57804	57793	57786	57782	57791	5 1400	57863	21 1340	57720
1	10	JUN 70		57790	57819	57827	57813	57818	57815	57812	57816	57813	57818					
11	20	JUN 70		57824	57831	57826	57817	57819	57810	57808	57817	57834	57820					
21	30	JUN 70	57818	57819	57818	57812	57822	57830	57826	57828	57815	57808	57820		24 1825	57809	18 1015	57762
1	10	JUL 70		57817	57821	57823	57831	57835	57825	57821	57822	57830	57835					
11	20	JUL 70		57839	57835	57820	57816	57827	57846	57834	57844	57819	57854					
21	31	JUL 70	57832	57846	57843	57839	57834	57837	57835	57831	57837	57837	57833	57838	16 0900	57894	3 2300	57779
1	10	AUG 70		57850	57845	57866	57852	57844	57841	57839	57839	57835	57834					
11	20	AUG 70		57837	57837	57834	57832	57828	57832	57836	57820	57816	57835					
21	31	AUG 70	57832	57833	57814	57827	57824	57816	57824	57815	57820	57821	57814	57838	3 2400	57893	30 0600	57775
1	10	SEP 70		57825	57809	57802	57828	57837	57820	57803	57817	57824	57813					
11	20	SEP 70		57828	57813	57841	57819	57799	57822	57818	57820	57817	57804					
21	30	SEP 70	57820	57804	57824	57824	57798	57822	57831	57837	57844	57819	57848		26 1555	57954	15 1820	57750
1	10	OCT 70		57810	57800	57829	57833	57800	57798	57803	57800	57786	57807					
11	20	OCT 70		57821	57800	57802	57828	57840	57833	57811	57819	57797	57791					
21	31	OCT 70	57799	57792	57802	57794	57788	57790	57784	57763	57731	57752	57789	57787	15 2345	57868	28 2300	57707
1	10	NOV 70		57804	57809	57781	57804	57837	57797	57819	57795	57775	57767					
11	20	NOV 70		57798	57806	57826	57815	57825	57787	57785	57762	57765	57743					
21	30	NOV 70	57789	57791	57755	57808	57808	57741	57749	57784	57792	57765	57787		5 1155	57888	25 2005	57683
1	10	DEC 70		57734	57784	57797	57829	57786	57862	57798	57766	57776	57795					
11	20	DEC 70		57784	57784	57798	57786	57774	57761	57782	57769	57786	57806					
21	31	DEC 70	57785	57801	57766	57748	57775	57781	57788	57791	57800	57791	57778	57765	4 0715	57999	1 1853	57693

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4090

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT DUNN PAPER COMPANY, PORT HURON, MICHIGAN

YEARLY MEAN ELEVATION 578.47 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 578.87 AUG 1970
DAILY MEAN ELEVATION 579.21 3 AUG 1970
INSTANTANEOUS ELEVATION 580.69 0722 4 DEC 1970

MONTHLY MEAN ELEVATION 578.01 MAR 1970
DAILY MEAN ELEVATION 577.43 20 APR 1970
INSTANTANEOUS ELEVATION 576.97 0545 18 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.80	13	JAN	1970
578.87	11	FEB	1970
578.29	8	MAR	1970
578.34	10	APR	1970
578.57	27	MAY	1970
578.87	19	JUN	1970
579.00	20	JUL	1970
579.21	3	AUG	1970
579.04	30	SEP	1970
578.94	15	OCT	1970
578.94	5	NOV	1970
579.19	6	DEC	1970

ELEV.	DAY	MONTH	YEAR
577.95	28	JAN	1970
577.78	26	FEB	1970
577.66	20	MAR	1970
577.43	20	APR	1970
578.13	1	MAY	1970
578.45	1	JUN	1970
578.56	1	JUL	1970
578.64	30	AUG	1970
578.45	24	SEP	1970
577.80	28	OCT	1970
577.88	20	NOV	1970
577.76	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.40													
579.20								1					1
579.00								3	1				6
578.80		2				1	17	16	7	4	3		56
578.60	7	2				25	12	11	15	5	6	1	140
578.40	12	6			13	4	1		7	17	10	11	221
578.20	7	7	2	5	16					2	5	14	279
578.00	3	9	16	16	2					2	4	3	334
577.80	2	1	11	8							2		358
577.60		1	2							1		1	363
577.40				1									364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

DAILY WATER LEVELS

ST. CLAIR RIVER AT DUNN PAPER COMPANY, PORT HURON, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57855	57841	57846	57833	57862	57861	57838	57839	57867	57873					
11	20	JAN 70	57851	57853	57880	57871	57825	57819	57861	57854	57844	57851					
21	31	JAN 70	57843	57857	57818	57856	57808	57833	57846	57829	57795	57842	57823	57796	13 2120	57897	28 1048 57749
1	10	FEB 70	57791	57843	57862	57802	57806	57812	57811	57832	57833	57842					
11	20	FEB 70	57887	57882	57859	57850	57844	57830	57809	57815	57843	57825					
21	28	FEB 70	57830	57814	57826	57830	57821	57861	57778	57816	57820				12 0020	57923	18 0545 57697
1	10	MAR 70	57802	57790	57771	57789	57825	57783	57817	57829	57819	57813					
11	20	MAR 70	57814	57810	57805	57806	57800	57802	57796	57793	57793	57766					
21	31	MAR 70	57801	57801	57811	57804	57803	57800	57796	57801	57812	57817	57786	57784	7 2255	57896	20 1700 57710
1	10	APR 70	57785	57830	57814	57808	57789	57787	57799	57789	57819	57834					
11	20	APR 70	57814	57804	57801	57812	57816	57798	57807	57820	57784	57743					
21	30	APR 70	57807	57800	57820	57808	57825	57822	57817	57820	57823	57819	57814		2 1230	57920	20 1105 57701
1	10	MAY 70	57813	57840	57825	57833	57844	57847	57827	57827	57823	57816					
11	20	MAY 70	57838	57830	57849	57848	57832	57841	57850	57836	57843	57846					
21	31	MAY 70	57837	57828	57845	57845	57840	57831	57856	57857	57844	57835	57832	57840	5 1315	57920	7 2130 57748
1	10	JUN 70	57845	57868	57873	57869	57870	57873	57870	57870	57863	57862					
11	20	JUN 70	57867	57876	57868	57864	57869	57863	57856	57860	57887	57874					
21	30	JUN 70	57869	57873	57873	57861	57873	57875	57874	57877	57870	57859	57876		24 2000	57944	18 1000 57804
1	10	JUL 70	57856	57866	57864	57864		57874	57869	57868	57878	57886					
11	20	JUL 70	57886	57883	57869	57869	57870	57894	57883	57892	57866	57900					
21	31	JUL 70	57880	57895	57895	57891	57882	57887	57886	57880	57887	57883	57891	57891	16 0855	57947	4 0500 57832
1	10	AUG 70	57903	57900	57921	57908	57901	57897	57895	57896	57894	57892					
11	20	AUG 70	57893	57894	57890	57888	57883	57891	57894	57871	57867	57891					
21	31	AUG 70	57887	57884	57865	57880	57877	57870	57876	57869	57874	57878	57864	57894	3 2345	57952	27 2215 57804
1	10	SEP 70	57875	57858	57853	57880	57888	57870	57854	57870	57875	57865					
11	20	SEP 70	57884	57895	57895	57870	57851	57878	57870	57872	57868	57856					
21	30	SEP 70	57874	57858	57876	57877	57845	57878	57883	57891	57899	57871	57904		26 1550	58018	15 1830 57789
1	10	OCT 70	57864	57850	57881	57886	57846	57847	57853	57850	57836	57850					
11	20	OCT 70	57872	57849	57854	57880	57894	57887	57863	57873	57849	57842					
21	31	OCT 70	57851	57844	57859	57850	57845	57846	57842	57818	57780	57803	57842	57840	15 2400	57927	28 1735 57740
1	10	NOV 70	57858	57865	57837	57860	57894	57847	57874	57849	57830	57823					
11	20	NOV 70	57857	57864	57884	57872	57882	57845	57846	57820	57823	57788					
21	30	NOV 70	57845	57850	57804	57867	57867	57789	57802	57840	57844	57817	57843		5 1137	57955	22 2205 57716
1	10	DEC 70	57776	57840	57853	57880	57838	57919	57848	57821	57836	57854					
11	20	DEC 70	57837	57836	57847	57846	57830	57810	57833	57823	57840	57853					
21	31	DEC 70	57838	57847	57810	57803	57828	57837	57841	57842	57849	57845	57838	57824	4 0722	58069	1 0645 57731

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4096

ANNUAL SUMMARY OF LEVELS
ST. CLAIR RIVER AT FORT GRATIOT, PORT HURON, MICHIGAN

YEARLY MEAN ELEVATION 578.87 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 579.25 AUG 1970
DAILY MEAN ELEVATION 579.72 6 DEC 1970
INSTANTANEOUS ELEVATION 581.34 0700 4 DEC 1970

MONTHLY MEAN ELEVATION 578.49 MAR 1970
DAILY MEAN ELEVATION 578.10 1 DEC 1970
INSTANTANEOUS ELEVATION 577.24 0600 18 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.96	13	JAN	1970
579.16	11	FEB	1970
578.64	8	MAR	1970
578.72	11	APR	1970
579.04	27	MAY	1970
579.35	4	JUN	1970
579.51	20	JUL	1970
579.66	3	AUG	1970
579.55	30	SEP	1970
579.42	15	OCT	1970
579.37	5	NOV	1970
579.72	6	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.18	28	JAN	1970
578.17	26	FEB	1970
578.29	4	MAR	1970
578.36	21	APR	1970
578.52	10	MAY	1970
578.80	1	JUN	1970
579.04	14	JUL	1970
579.03	19	AUG	1970
578.86	15	SEP	1970
578.14	28	OCT	1970
578.18	20	NOV	1970
578.10	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.80													
579.60								1				1	2
579.40							3	2	3	1			11
579.20						13	18	18	13	4	3	1	81
579.00					3	13	10	10	9	7	8		143
578.80	4	2			18	3			5	13	9	13	210
578.60	12	6	2	13	8	1				3	2	11	268
578.40	10	9	25	15	2					1	4	4	338
578.20	4	6	4	2						1	3		358
578.00	1	3								1	1	1	365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

DAILY WATER LEVELS

ST. CLAIR RIVER AT FORT GRATIOT, PORT HURON, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57851	57846	57858	57845	57875	57873	57848	57850	57880	57885					
11	20	JAN 70	57863	57868	57896	57888	57843	57837	57882	57873	57864	57872					
21	31	JAN 70	57859	57877	57836	57876	57824	57852	57868	57850	57818	57871	57851	57823	13 2100	57918	28 2000 57770
1	10	FEB 70	57820	57834	57898	57818	57826	57832	57834	57860	57865	57874					
11	20	FEB 70	57916	57893	57871	57860	57857	57845	57828	57839	57870	57853					
21	28	FEB 70	57855	57842	57858	57863	57854	57910	57817	57846	57864			25 1100	57965	18 0600 57724	
1	10	MAR 70	57851	57842	57833	57829	57858	57849	57844	57864	57863	57860					
11	20	MAR 70	57859	57859	57856	57854	57852	57850	57849	57847	57846	57840					
21	31	MAR 70	57849	57835	57844	57849	57849	57848	57846	57845	57847	57857	57852	57844	8 1400	57866	4 1000 57825
1	10	APR 70	57840	57854	57859	57856	57853	57845	57847	57843	57847	57863					
11	20	APR 70	57872	57868	57863	57860	57861	57859	57857	57864	57866	57845					
21	30	APR 70	57856	57836	57847	57852	57860	57862	57861	57862	57863	57865	57862		11 0900	57874	21 2000 57836
1	10	MAY 70	57860	57867	57875	57875	57892	57904	57868	57868	57863	57852					
11	20	MAY 70	57887	57874	57903	57897	57877	57883	57894	57888	57884	57898					
21	31	MAY 70	57884	57889	57889	57896	57892	57884	57883	57904	57900	57890	57881	57881	5 1400	57964	10 0900 57805
1	10	JUN 70	57880	57891	57928	57935	57931	57927	57921	57918	57914	57906					
11	20	JUN 70	57909	57917	57912	57907	57910	57902	57895	57903	57926	57933					
21	30	JUN 70	57915	57927	57924	57919	57915	57928	57923	57929	57911	57900	57922		25 0100	57963	29 0700 57850
1	10	JUL 70	57909	57917	57914	57921	57929	57927	57917	57912	57918	57927					
11	20	JUL 70	57932	57929	57920	57904	57909	57941	57924	57938	57906	57951					
21	31	JUL 70	57925	57942	57937	57932	57925	57929	57926	57921	57927	57921	57930	20 1800	57999	14 1700 57874	
1	10	AUG 70	57938	57937	57966	57947	57936	57931	57928	57930	57926	57924					
11	20	AUG 70	57927	57925	57922	57919	57915	57924	57936	57910	57903	57934					
21	31	AUG 70	57925	57932	57906	57923	57921	57911	57921	57910	57916	57919	57908	57942	3 1800	57993	27 2200 57863
1	10	SEP 70	57928	57911	57896	57914	57938	57933	57929	57926	57931	57935					
11	20	SEP 70	57927	57903	57944	57915	57886	57920	57912	57914	57910	57895					
21	30	SEP 70	57920	57897	57921	57921	57888	57922	57930	57936	57947	57913	57955		26 1500	58092	29 1800 57838
1	10	OCT 70	57907	57889	57925	57931	57901	57880	57888	57892	57886	57888					
11	20	OCT 70	57912	57905	57902	57926	57942	57932	57903	57914	57889	57881					
21	31	OCT 70	57893	57881	57899	57889	57884	57884	57880	57856	57814	57840	57883	57879	15 0300	57971	28 2300 57793
1	10	NOV 70	57902	57905	57870	57901	57937	57882	57915	57888	57863	57855					
11	20	NOV 70	57896	57903	57928	57915	57929	57885	57884	57856	57857	57818					
21	30	NOV 70	57883	57890	57835	57906	57912	57823	57836	57882	57888	57853	57883		5 1200	58000	25 2000 57747
1	10	DEC 70	57810	57880	57895	57925	57873	57972	57894	57858	57877	57900					
11	20	DEC 70	57881	57875	57888	57882	57875	57856	57880	57865	57880	57899					
21	31	DEC 70	57881	57893	57854	57844	57869	57878	57885	57887	57894	57890	57882	57868	4 0700	58134	1 1900 57764

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 4098

ANNUAL SUMMARY OF LEVELS
LAKE HURON AT LAKEPORT, MICHIGAN

	HIGHEST	YEARLY MEAN ELEVATION	578.94 IN 1970		LOWEST
MONTHLY MEAN ELEVATION	579.34	AUG 1970		MONTHLY MEAN ELEVATION	578.54 MAR 1970
DAILY MEAN ELEVATION	579.77	6 DEC 1970		DAILY MEAN ELEVATION	577.86 20 APR 1970
INSTANTANEOUS ELEVATION	581.14	0700 4 DEC 1970		INSTANTANEOUS ELEVATION	577.38 0900 20 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.97	13	JAN	1970
579.09	25	FEB	1970
578.81	5	MAR	1970
579.06	2	APR	1970
579.15	27	MAY	1970
579.45	19	JUN	1970
579.52	20	JUL	1970
579.60	3	AUG	1970
579.63	30	SEP	1970
579.58	15	OCT	1970
579.47	5	NOV	1970
579.77	6	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.27	20	JAN	1970
578.25	26	FEB	1970
578.15	20	MAR	1970
577.86	20	APR	1970
578.59	1	MAY	1970
578.90	1	JUN	1970
579.14	19	JUL	1970
579.14	19	AUG	1970
578.91	24	SEP	1970
578.27	20	OCT	1970
578.32	20	NOV	1970
578.22	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.00													
579.80													
579.60													
579.40						1	5	7	4	3	1	1	3
579.20						13	20	18	16	5	6		24
579.00					7	15	6	5	7	11	7	6	102
578.80	6	3	1	1	16	1			2	9	7	17	169
578.60	11	10	10	12	7					1	5	5	232
578.40	11	7	17	13	1					1	3	1	293
578.20	3	6	1	2						1	1	1	347
578.00			2										362
577.80				1									364
													365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

DAILY WATER LEVELS
LAKE HURON AT LAKEPORT, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57853	57844	57856	57848	57878	57875	57853	57854	57883	57885			
11	20	JAN 70	57866	57870	57897	57892	57848	57843	57887	57879	57871	57878			
21	31	JAN 70	57864	57883	57838	57878	57829	57853	57869	57855	57827	57974	57866	57842	20 2300 57919 24 1300 57787
1	10	FEB 70	57838	57885	57893	57826	57830	57838	57841	57863	57857	57875			
11	20	FEB 70	57906	57887	57867	57861	57857	57850	57836	57852	57876	57863			
21	28	FEB 70	57861	57856	57864	57865	57857	57909	57825	57850	57863		25 0700 57956	5 0300 57758	
1	10	MAR 70	57846	57847	57820	57838	57881	57842	57867	57877	57865	57864			
11	20	MAR 70	57867	57869	57861	57860	57854	57854	57815	57844	57845	57815			
21	31	MAR 70	57854	57852	57862	57858	57850	57853	57858	57854	57861	57872	57846	57846	7 2300 57934 20 1700 57766
1	10	APR 70	57856	57906	57864	57860	57846	57845	57852	57839	57865	57886			
11	20	APR 70	57864	57853	57848	57860	57858	57844	57855	57870	57837	57786			
21	30	APR 70	57858	57841	57869	57852	57877	57867	57865	57866	57868	57867	57865	2 1300 57988	20 0900 57738
1	10	MAY 70	57859	57890	57876	57887	57901	57910	57877	57875	57872	57863			
11	20	MAY 70	57895	57881	57902	57899	57881	57890	57902	57891	57893	57903			
21	31	MAY 70	57889	57872	57899	57898	57893	57880	57907	57915	57894	57886	57881	57888	5 1300 57956 7 2200 57799
1	10	JUN 70	57890	57920	57936	57921	57923	57920	57920	57919	57915	57914			
11	20	JUN 70	57918	57926	57920	57919	57919	57911	57909	57920	57945	57930			
21	30	JUN 70	57921	57925	57925	57913	57930	57936	57928	57935	57921	57907	57926	24 1900 58018	18 0700 57858
1	10	JUL 70	57918	57923	57923	57936	57939	57927	57918	57922	57929	57938			
11	20	JUL 70	57937	57932	57916	57914	57913	57950	57935	57944	57914	57952			
21	31	JUL 70	57932	57951	57946	57940	57931	57936	57934	57931	57938	57933	57927	57938	16 0900 57990 3 2300 57874
1	10	AUG 70	57944	57943	57966	57954	57945	57941	57940	57939	57937	57934			
11	20	AUG 70	57936	57937	57930	57927	57925	57927	57942	57924	57914	57939			
21	31	AUG 70	57934	57937	57915	57930	57928	57920	57923	57917	57925	57930	57915	57949	3 2400 57997 30 0600 57866
1	10	SEP 70	57931	57907	57901	57929	57944	57924	57906	57921	57929	57916			
11	20	SEP 70	57939	57916	57953	57924	57899	57932	57924	57926	57921	57905			
21	30	SEP 70	57925	57909	57924	57934	57891	57928	57934	57949	57955	57929	57963	26 1500 58035	15 2100 57851
1	10	OCT 70	57921	57903	57938	57943	57903	57900	57908	57905	57888	57904			
11	20	OCT 70	57928	57901	57907	57938	57950	57943	57915	57927	57903	57894			
21	31	OCT 70	57905	57893	57910	57901	57896	57897	57892	57871	57827	57853	57894	57890	15 0300 57975 28 1800 57807
1	10	NOV 70	57912	57924	57884	57912	57947	57895	57926	57904	57877	57870			
11	20	NOV 70	57907	57914	57938	57926	57933	57895	57893	57867	57873	57832			
21	30	NOV 70	57896	57900	57848	57918	57926	57843	57852	57893	57901	57870	57897	23 1900 57994	22 2100 57761
1	10	DEC 70	57822	57891	57908	57918	57881	57977	57900	57877	57888	57909			
11	20	DEC 70	57896	57887	57895	57894	57887	57871	57889	57873	57889	57908			
21	31	DEC 70	57890	57906	57863	57851	57876	57890	57895	57892	57903	57896	57890	57883	4 0700 58114 1 1900 57792

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5002

ANNUAL SUMMARY OF LEVELS
LAKE HURON AT HARBOR BEACH, MICHIGAN

YEARLY MEAN ELEVATION 578.93 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 579.32 AUG 1970
DAILY MEAN ELEVATION 579.59 3 AUG 1970
INSTANTANEOUS ELEVATION 579.97 0600 6 DEC 1970

MONTHLY MEAN ELEVATION 578.50 MAR 1970
DAILY MEAN ELEVATION 577.94 20 APR 1970
INSTANTANEOUS ELEVATION 577.67 1400 20 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.91	13	JAN	1970
578.82	25	FEB	1970
578.71	8	MAR	1970
578.79	2	APR	1970
579.11	26	MAY	1970
579.44	19	JUN	1970
579.50	16	JUL	1970
579.59	3	AUG	1970
579.49	30	SEP	1970
579.46	4	OCT	1970
579.33	5	NOV	1970
579.57	6	DEC	1970

ELEV.	DAY	MONTH	YEAR
578.39	28	JAN	1970
578.36	5	FEB	1970
578.23	3	MAR	1970
577.94	20	APR	1970
578.69	10	MAY	1970
578.98	1	JUN	1970
579.15	13	JUL	1970
579.14	22	AUG	1970
578.98	24	SEP	1970
578.34	28	OCT	1970
578.55	20	NOV	1970
578.40	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.80													
579.60													
579.40							1	3	8	6	2	1	21
579.20							9	23	20	13	4	3	93
579.00						3	19	5	3	10	13	12	163
578.80	4	2			20	1			1	9	8	19	227
578.60	13	8	6	13	8					1	6	4	286
578.40	13	14	19	12						1	1	1	347
578.20	1	4	6	4						1		1	364
578.00													364
577.80					1								365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMRER 5014

DAILY WATER LEVELS
LAKE HURON AT HARBOR BEACH, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10 JAN 70		57849	57845	57857	57856	57879	57874	57857	57861	57884	57881						
11	20 JAN 70		57864	57865	57891	57883	57850	57845	57878	57870	57867	57873						
21	31 JAN 70	57863	57870	57850	57870	57844	57855	57860	57854	57839	57867	57866	57849	20 2200	57904	28 2200	57820	
1	10 FEB 70		57849	57874	57881	57839	57836	57849	57848	57860	57857	57864						
11	20 FEB 70		57880	57875	57860	57858	57851	57853	57840	57848	57867	57861						
21	28 FEB 70	57858	57863	57860	57868	57859	57882	57837	57852	57859			25 1200	57902	5 0200	57802		
1	10 MAR 70		57841	57842	57823	57830	57871	57847	57861	57871	57858	57858						
11	20 MAR 70		57863	57864	57857	57858	57853	57852	57845	57837	57840	57827						
21	31 MAR 70	57850	57843	57852	57850	57849	57848	57855	57855	57857	57862	57842	57840	7 2200	57886	20 2000	57804	
1	10 APR 70		57846	57879	57866	57859	57854	57844	57855	57849	57867	57878						
11	20 APR 70		57856	57840	57836	57850	57852	57840	57855	57863	57835	57794						
21	30 APR 70	57856	57848	57872	57854	57875	57870	57869	57869	57867	57866	57862		2 1500	57900	20 1400	57767	
1	10 MAY 70		57869	57893	57883	57884	57895	57897	57877	57877	57877	57869						
11	20 MAY 70		57882	57878	57893	57891	57879	57890	57899	57892	57899	57892						
21	31 MAY 70	57888	57877	57902	57895	57891	57883	57911	57909	57891	57881	57885	57895	26 2300	57926	11 0700	57835	
1	10 JUN 70		57898	57915	57925	57919	57920	57920	57920	57919	57916	57916						
11	20 JUN 70		57920	57919	57913	57911	57916	57913	57916	57924	57944	57927						
21	30 JUN 70	57920	57922	57922	57917	57930	57929	57915	57928	57920	57916	57927		24 1900	57958	1 0700	57891	
1	10 JUL 70		57919	57922	57924	57933	57938	57927	57920	57926	57925	57935						
11	20 JUL 70		57933	57927	57915	57916	57927	57950	57938	57940	57916	57934						
21	31 JUL 70	57931	57949	57943	57936	57931	57938	57936	57934	57936	57934	57930	57939	18 0100	57966	19 1800	57900	
1	10 AUG 70		57946	57945	57959	57951	57942	57941	57940	57936	57931	57926						
11	20 AUG 70		57929	57933	57932	57930	57929	57933	57943	57925	57915	57936						
21	31 AUG 70	57932	57938	57914	57925	57928	57923	57930	57921	57921	57928	57915	57942	3 2400	57975	30 1000	57886	
1	10 SEP 70		57924	57912	57909	57935	57942	57923	57903	57917	57928	57921						
11	20 SEP 70		57945	57923	57942	57918	57902	57924	57917	57917	57921	57906						
21	30 SEP 70	57924	57912	57928	57929	57898	57927	57931	57947	57948	57935	57949		13 1100	57979	15 1600	57866	
1	10 OCT 70		57920	57912	57941	57946	57911	57904	57909	57902	57891	57905						
11	20 OCT 70		57920	57903	57906	57923	57938	57932	57916	57925	57901	57897						
21	31 OCT 70	57904	57894	57908	57896	57889	57893	57891	57871	57834	57858	57895	57892	4 0100	57961	28 1700	57819	
1	10 NOV 70		57912	57916	57886	57903	57933	57907	57914	57901	57881	57876						
11	20 NOV 70		57906	57906	57918	57907	57912	57899	57895	57873	57881	57855						
21	30 NOV 70	57896	57903	57867	57929	57924	57874	57868	57887	57887	57872	57897		23 2000	57970	28 1600	57813	
1	10 DEC 70		57840	57895	57916	57911	57888	57957	57899	57884	57890	57906						
11	20 DEC 70		57887	57881	57897	57897	57885	57870	57884	57879	57891	57912						
21	31 DEC 70	57891	57902	57863	57860	57887	57887	57894	57899	57887	57900	57892	57888	57880	6 0600	57997	1 1600	57820

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 5014

ANNUAL SUMMARY OF LEVELS
SAGINAW BAY AT ESSEXVILLE, MICHIGAN

YEARLY MEAN ELEVATION 578.89 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.29 JUL 1970
DAILY MEAN ELEVATION 579.96 14 NOV 1970
INSTANTANEOUS ELEVATION 580.90 1200 26 MAR 1970

LOWEST

MONTHLY MEAN ELEVATION 578.50 MAR 1970
DAILY MEAN ELEVATION 577.38 22 NOV 1970
INSTANTANEOUS ELEVATION 575.54 1825 22 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.92	16	JAN	1970
578.80	3	FEB	1970
579.28	26	MAR	1970
578.99	2	APR	1970
579.49	13	MAY	1970
579.68	3	JUN	1970
579.60	20	JUL	1970
579.64	3	AUG	1970
579.57	13	SEP	1970
579.39	15	OCT	1970
579.96	14	NOV	1970
579.55	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.33	31	JAN	1970
578.24	26	FEB	1970
578.28	27	MAR	1970
577.65	20	APR	1970
578.07	1	MAY	1970
578.86	1	JUN	1970
578.91	15	JUL	1970
578.96	22	AUG	1970
578.55	10	SEP	1970
578.44	28	OCT	1970
577.38	22	NOV	1970
577.97	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.20													
580.00													
579.80													
579.60						1		1			2		2
579.40					1	7	7	6	4		2	1	6
579.20					3	8	16	14	4	5	4	3	32
579.00			1		5	12	6	8	13	12	4	1	90
578.80	2				6	12	2	2	7	9	5	14	151
578.60	2	8	1	10	7				1	3	7	4	212
578.40	8	14	21	5	2				1	2	2	2	255
578.20	1	6	8	4								1	312
578.00				3	1						2		332
577.80											1	1	336
577.60				1									340
577.40													341
577.20											1		341
													342

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

DAILY WATER LEVELS
SAGINAW BAY AT ESSEXVILLE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	ELEV.
1	10 JAN 70		57858	57846	57851	57846	57865	57867	57853	57850	57882					
11	20 JAN 70							57892								
21	31 JAN 70	57858									57854	57856	57833	28 1400	57958	29 0100 57801
1	10 FEB 70		57847	57866	57880	57877	57824	57837	57841	57865	57862	57857				
11	20 FEB 70		57867	57869	57852	57856	57849	57950	57832	57842	57859	57838				
21	28 FEB 70	57851	57846	57843	57851	57847	57866	57824	57838	57852				19 0250	57918	26 1400 57772
1	10 MAR 70		57841	57842	57829	57831	57859	57839	57850	57860	57856	57852				
11	20 MAR 70		57853	57859	57853	57854	57854	57848	57841	57837	57843	57830				
21	31 MAR 70	57850	57845	57859	57849	57837	57857	57928	57828	57851	57879	57844	57837	26 1200	58090	26 2200 57781
1	10 APR 70		57857	57899	57844		57828	57830	57838	57818	57847	57871				
11	20 APR 70		57864	57866	57892	57895	57882	57838	57846	57881	57889	57765				
21	30 APR 70	57855	57820	57867	57810	57869	57856	57861	57870	57872	57871	57863			2 0600	58038 28 1400 57631
1	10 MAY 70		57807	57885	57858	57884	57902	57911	57865	57879	57891	57856				
11	20 MAY 70		57928	57891	57949	57936	57886	57864	57899	57872	57891	57929				
21	31 MAY 70	57889	57866	57907	57909	57898	57867	57884	57912	57896	57887	57878	57882	13 0755	57990	1 2100 57716
1	10 JUN 70		57886	57943	57968	57912	57925	57922	57909	57913	57907	57903				
11	20 JUN 70		57920	57951	57945	57933	57923	57910	57911	57910	57944	57937				
21	30 JUN 70	57924	57930	57927	57913	57916	57946	57945	57939	57916	57888	57941			3 0530	58005 29 0900 57816
1	10 JUL 70		57928	57922	57922	57924	57938	57918	57900	57914	57953	57945				
11	20 JUL 70		57930	57934	57911	57909	57931	57941	57918	57955	57910	57960				
21	31 JUL 70	57929	57952	57940	57944	57921	57932	57928	57925	57935	57929	57924	57938	17 2000	58010	15 1720 57830
1	10 AUG 70		57944	57931	57964	57946	57935	57934	57940	57946	57951	57939				
11	20 AUG 70		57938	57932	57927	57920	57912	57910	57942	57918	57905	57931				
21	31 AUG 70	57928	57931	57896	57929	57923	57913	57922	57918	57910	57932	57898	57944	3 2300	57998	30 0710 57839
1	10 SEP 70		57916	57896	57892	57915	57934	57911	57899	57916	57928	57855				
11	20 SEP 70		57910	57891	57957	57942	57902	57911	57916	57914	57913	57894				
21	30 SEP 70	57912	57892	57913	57938	57882	57918	57915	57927	57944	57876	57952			13 0442	58009 10 1032 57746
1	10 OCT 70		57910	57868	57908	57925	57902	57896	57909	57908	57897	57845				
11	20 OCT 70		57933	57896	57908	57931	57939	57925	57886	57917	57905	57904				
21	31 OCT 70	57899	57893	57906	57902	57899	57905	57897	57888	57844	57861	57895	57872	18 1815	57990	10 0925 57729
1	10 NOV 70		57900	57971	57923	57928	57932	57864	57929	57899	57866	57869				
11	20 NOV 70		57901	57914	57963	57996	57925	57856	57891	57864	57872	57814				
21	30 NOV 70	57890	57880	57738	57806	57889	57798	57842	57911	57918	57861	57900			2 1645	58035 22 1825 57554
1	10 DEC 70		57797	57844	57932					57889	57876	57912				
11	20 DEC 70		57955	57928	57897	57884	57888	57892	57885	57876	57880	57885				
21	31 DEC 70	57885	57923	57887	57846	57836	57875	57889	57890	57888	57887	57883	57882	11 0930	58001	1 2340 57671

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5034

ANNUAL SUMMARY OF LEVELS
LAKE HURON AT HARRISVILLE, MICHIGAN

YEARLY MEAN ELEVATION 578.90 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.29 AUG 1970
DAILY MEAN ELEVATION 579.51 21 JUL 1970
INSTANTANEOUS ELEVATION 580.00 2202 3 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 578.51 APR 1970
DAILY MEAN ELEVATION 578.05 20 APR 1970
INSTANTANEOUS ELEVATION 577.65 0855 20 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.78	5	JAN	1970
578.76	3	FEB	1970
578.75	8	MAR	1970
578.73	24	APR	1970
579.07	17	MAY	1970
579.26	19	JUN	1970
579.51	21	JUL	1970
579.46	3	AUG	1970
579.38	11	SEP	1970
579.33	4	OCT	1970
579.18	5	NOV	1970
579.28	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.45	16	JAN	1970
578.43	27	FEB	1970
578.34	30	MAR	1970
578.05	20	APR	1970
578.71	29	MAY	1970
578.95	13	JUN	1970
579.10	1	JUL	1970
579.09	30	AUG	1970
579.04	15	SEP	1970
578.54	28	OCT	1970
578.70	20	NOV	1970
578.64	1	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.60													
579.40							3	3					6
579.20						1	23	23	15	2		2	72
579.00					4	24	5	5	15	15	9		149
578.80					20	5				11	15	11	211
578.60	14	9	6	10	7					2	6	3	268
578.40	17	19	21	14						1			340
578.20			4	5									349
578.00				1									350

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5059

DAILY WATER LEVELS
LAKE HURON AT HARRISVILLE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10 JAN 70		57852	57851	57863	57865	57878	57874	57861	57852	57871	57871					
11	20 JAN 70		57860	57854	57871	57871	57851	57845	57863	57857	57861	57869					
21	31 JAN 70	57859	57856	57858	57854	57847	57847	57847	57851	57852	57847	57862	57852	20 1700	57897	29 0730	57820
1	10 FEB 70		57860	57860	57876	57870	57852	57864	57863	57867	57858	57861					
11	20 FEB 70		57858	57864	57857	57857	57846	57855	57846	57848	57860	57856					
21	28 FEB 70	57858	57862	57854	57867	57858	57853	57846	57843	57853			3 0850	57900	5 0550	57825	
1	10 MAR 70		57837	57844	57839	57844	57871	57851	57863	57875	57859	57852					
11	20 MAR 70		57856	57855	57848	57851	57844	57857	57859	57848	57851	57846					
21	31 MAR 70	57853	57860	57858	57860	57864	57860	57865	57846	57847	57844	57834	57835	26 1150	57921	26 1925	57807
1	10 APR 70		57839	57845	57857	57852	57850	57842	57847	57846	57858	57861					
11	20 APR 70		57850	57835	57831	57843	57844	57836	57851	57855	57838	57805					
21	30 APR 70	57851	57848	57867	57863	57873	57867	57867	57871	57866	57867	57869		30 2105	57901	20 0855	57765
1	10 MAY 70		57872	57892	57881	57881	57888	57890	57881	57882	57878	57877					
11	20 MAY 70		57886	57880	57886	57891	57877	57894	57907	57903	57901	57891					
21	31 MAY 70	57887	57881	57899	57890	57884	57882	57902	57899	57877	57871	57881	57889	22 0200	57942	8 0220	57840
1	10 JUN 70		57897	57898	57906	57905	57907	57904	57911	57908	57906	57904					
11	20 JUN 70		57902	57897	57895	57899	57902	57901	57904	57908	57926	57914					
21	30 JUN 70	57907	57905	57913	57907	57917	57914	57902	57913	57907	57913	57912		24 2225	57950	18 0800	57853
1	10 JUL 70		57910	57921	57917	57921	57928	57923	57923	57927	57920	57925					
11	20 JUL 70		57921	57921	57913	57916	57926	57941	57940	57944	57933	57928					
21	31 JUL 70	57929	57951	57940	57933	57935	57939	57937	57935	57937	57934	57934	57938	17 2135	57976	3 2140	57888
1	10 AUG 70		57939	57943	57946	57942	57940	57935	57934	57929	57927	57925					
11	20 AUG 70		57927	57930	57930	57930	57929	57931	57933	57926	57922	57934					
21	31 AUG 70	57929	57936	57920	57923	57925	57922	57925	57919	57917	57920	57909	57930	4 0120	57962	30 0310	57881
1	10 SEP 70		57919	57911	57912	57926	57929	57922	57915	57919	57927	57915					
11	20 SEP 70		57938	57921	57924	57917	57904	57916	57919	57917	57920	57908					
21	30 SEP 70	57921	57916	57926	57923	57906	57926	57921	57933	57928	57930	57935		13 0845	57961	10 0910	57864
1	10 OCT 70		57920	57920	57932	57933	57913	57907	57913	57905	57899	57908					
11	20 OCT 70		57916	57904	57905	57910	57919	57917	57913	57916	57891	57891					
21	31 OCT 70	57901	57890	57897	57887	57884	57885	57883	57875	57854	57871	57894	57892	2 2220	57951	28 1755	57838
1	10 NOV 70		57914	57917	57896	57899	57918	57909	57908	57897	57886	57884					
11	20 NOV 70		57905	57899	57906	57893	57897	57899	57896	57876	57885	57870					
21	30 NOV 70	57895	57900	57873	57916	57911	57887	57878	57880	57882	57878	57897		23 1230	57945	22 1640	57821
1	10 DEC 70		57864	57895	57928	57897	57884	57923	57892	57886	57886	57899					
11	20 DEC 70		57885	57878	57892	57894	57884	57872									
21	31 DEC 70	57891												3 2202	58000	1 2210	57822

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5059

ANNUAL SUMMARY OF LEVELS
STRAITS OF MACKINAC AT MACKINAW CITY, MICHIGAN

YEARLY MEAN ELEVATION 578.92 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 579.32 JUL 1970
DAILY MEAN ELEVATION 579.44 2 AUG 1970
INSTANTANEOUS ELEVATION 579.99 0500 10 SEP 1970

MONTHLY MEAN ELEVATION 578.40 MAR 1970
DAILY MEAN ELEVATION 578.19 2 APR 1970
INSTANTANEOUS ELEVATION 577.83 0400 25 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.75	22	JAN	1970
578.84	4	FEB	1970
578.58	6	MAR	1970
578.87	23	APR	1970
579.10	18	MAY	1970
579.35	29	JUN	1970
579.44	25	JUL	1970
579.44	2	AUG	1970
579.41	7	SEP	1970
579.37	10	OCT	1970
579.22	22	NOV	1970
579.17	1	DEC	1970

ELEV.	DAY	MONTH	YEAR
578.46	29	JAN	1970
578.22	25	FEB	1970
578.23	26	MAR	1970
578.19	2	APR	1970
578.80	11	MAY	1970
579.03	2	JUN	1970
579.19	9	JUL	1970
579.09	28	AUG	1970
579.09	14	SEP	1970
578.98	25	OCT	1970
578.81	27	NOV	1970
578.75	29	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.60							5	2	1				8
579.40						10	25	23	16	8	2		92
579.20					8	20	1	6	13	17	8	4	169
579.00				2	21					6	20	20	240
578.80		2			2							7	281
578.60	16	5		11	2								335
578.40	15	16	12	11									364
578.20		5	19	5									365
578.00				1									

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMRER 5080

DAILY WATER LEVELS
STRAITS OF MACKINAC AT MACKINAW CITY, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10 JAN 70		57855	57855	57862	57875	57864	57870	57862	57848	57857	57862					
11	20 JAN 70		57861	57862	57858	57850	57863	57847	57851	57853	57866	57859					
21	31 JAN 70	57860	57848	57875	57853	57873	57847	57859	57861	57868	57846	57867	57872	26 1500	57955	25 2200	57806
1	10 FEB 70		57882	57836	57853	57884	57857	57866	57865	57848	57847	57848					
11	20 FEB 70		57830	57844	57850	57851	57847	57854	57860	57841	57852	57846					
21	28 FEB 70	57851	57856	57835	57858	57845	57822	57868	57829	57844			1 1900	57920	25 0400	57783	
1	10 MAR 70		57843	57839	57852	57846	57844	57858	57837	57843	57835	57836					
11	20 MAR 70		57834	57836	57837	57837	57833	57840	57842	57836	57836	57845					
21	31 MAR 70	57840	57840	57837	57840	57840	57837	57823	57848	57838	57842	57853	57845	6 0800	57881	26 1200	57794
1	10 APR 70		57842	57819	57846	57843	57867	57846	57857	57868	57844	57835					
11	20 APR 70		57844	57836	57832	57839	57843	57855	57854	57846	57834	57877					
21	30 APR 70	57856	57872	57870	57887	57868	57870	57875	57873	57873	57879	57885	23 0500	57938	2 1100	57785	
1	10 MAY 70		57891	57885	57893	57883	57882	57881	57886	57880	57881	57889					
11	20 MAY 70		57880	57882	57882	57884	57896	57901	57895	57910	57890	57889					
21	31 MAY 70	57892	57901	57893	57891	57894	57906	57903	57896	57892	57902	57906	57908	25 1200	57936	1 2300	57851
1	10 JUN 70		57908	57903	57908	57917	57911	57918	57918	57919	57922	57922					
11	20 JUN 70		57915	57907	57909	57914	57917	57922	57926	57925	57920	57916					
21	30 JUN 70	57918	57919	57922	57928	57925	57916	57911	57919	57923	57935	57917	29 0400	57965	2 2400	57885	
1	10 JUL 70		57925	57926	57924	57923	57921	57929	57936	57926	57919	57922					
11	20 JUL 70		57924	57923	57931	57935	57938	57937	57938	57926	57933	57925					
21	31 JUL 70	57932	57937	57933	57931	57938	57944	57941	57941	57939	57938	57941	57941	15 1300	57966	3 0200	57900
1	10 AUG 70		57940	57944	57928	57935	57935	57934	57932	57928	57922	57925					
11	20 AUG 70		57926	57928	57933	57939	57942	57933	57923	57925	57930	57922					
21	31 AUG 70	57927	57922	57928	57920	57922	57925	57917	57922	57909	57914	57919	57911	15 2000	57957	30 1000	57887
1	10 SEP 70		57913	57918	57917	57918	57929	57940	57941	57924	57929	57937					
11	20 SEP 70		57928	57933	57911	57909	57920	57914	57917	57918	57924	57925					
21	30 SEP 70	57925	57936	57930	57916	57935	57934	57929	57929	57919	57940	57916	10 0500	57999	12 2200	57888	
1	10 OCT 70		57932	57931	57920	57915	57922	57925	57920	57918	57926	57937					
11	20 OCT 70		57908	57911	57910	57900	57907	57908	57919	57905	57906	57900					
21	31 OCT 70	57913	57906	57903	57898	57900	57898	57900	57908	57918	57923	57913	57921	10 0100	57980	25 2200	57885
1	10 NOV 70		57915	57901	57904	57902	57899	57912	57896	57900	57907	57906					
11	20 NOV 70		57905	57895	57894	57890	57889	57900	57892	57900	57896	57898					
21	30 NOV 70	57899	57887	57922	57895	57893	57921	57894	57881	57886	57899	57887	22 1200	57965	21 0300	57859	
1	10 DEC 70		57917	57894	57884	57881	57905	57877	57894	57902	57888	57887					
11	20 DEC 70		57888	57889	57892	57896	57899	57898	57889	57896	57880	57892					
21	31 DEC 70	57890	57886	57896	57901	57893	57887	57886	57877	57875	57875	57880	57880	1 1600	57954	4 0700	57834

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5080

ANNUAL SUMMARY OF LEVELS
LAKE HURON AT DE TOUR, MICHIGAN

YEARLY MEAN ELEVATION 578.97 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.32 JUL 1970
DAILY MEAN ELEVATION 579.47 2 AUG 1970
INSTANTANEOUS ELEVATION 579.72 1500 15 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 578.50 FEB 1970
DAILY MEAN ELEVATION 578.05 25 FEB 1970
INSTANTANEOUS ELEVATION 577.77 0046 21 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.75	4	JAN	1970
578.78	4	FEB	1970
		MAR	1970
		APR	1970
579.08	31	MAY	1970
579.30	29	JUN	1970
579.46	25	JUL	1970
579.47	2	AUG	1970
579.39	11	SEP	1970
579.27	1	OCT	1970
579.19	25	NOV	1970
579.09	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.44	29	JAN	1970
578.05	25	FEB	1970
		MAR	1970
		APR	1970
578.68	12	MAY	1970
578.99	2	JUN	1970
579.05	20	JUL	1970
579.02	28	AUG	1970
579.06	14	SEP	1970
578.88	14	OCT	1970
578.65	27	NOV	1970
578.56	4	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.60							9	3					12
579.40						11	19	23	18	3			86
579.20					4	18	3	5	12	16	6	1	151
579.00					15	1				10	17	12	206
578.80					12						7	16	260
578.60	12	7										1	290
578.40	18	11											295
578.20		5											296
578.00		1											

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 5098

DAILY WATER LEVELS
LAKE HURON AT DE TOUR, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME ELEV,
1	10	JAN 70	57854	57853	57864	57875	57873	57870	57858	57860	57857	57860			
11	20	JAN 70	57862	57850	57856	57860	57862	57853	57856	57853	57862	57853			
21	31	JAN 70	57859	57846	57873	57854	57870	57848	57851	57862	57869	57844	57862	28 1035 57897	20 2155 57818
1	10	FEB 70		57828	57854	57878	57865	57870	57865	57847	57839	57848			
11	20	FEB 70		57826	57847	57848	57858	57845	57863	57860	57840	57848	57848		
21	28	FEB 70	57850	57865	57836	57866	57850	57805						4 2020 57901	25 0330 57790
1	10	MAR 70													
11	20	MAR 70													
21	31	MAR 70													
1	10	APR 70													
11	20	APR 70													
21	30	APR 70													
1	10	MAY 70		57875	57885	57890	57876	57874	57877	57884	57874	57873	57869		
11	20	MAY 70		57876	57868	57872	57877	57879	57892	57894	57904	57889	57884		
21	31	MAY 70	57885	57889	57895	57886	57887	57893	57901	57901	57885	57885	57897	57908	18 1635 57921 6 0135 57846
1	10	JUN 70		57906	57899	57906	57914	57907	57914	57917	57918	57919	57921		
11	20	JUN 70		57916	57904	57903	57908	57915	57919	57923	57920	57922	57921		
21	30	JUN 70	57916	57914	57922	57925	57923	57922	57902	57917	57926	57930	57922	19 1900 57951	24 1600 57880
1	10	JUL 70		57920	57929	57925	57924	57923	57929	57935	57931	57916	57925		
11	20	JUL 70		57927	57925	57930	57934	57940	57941	57943	57928	57931	57905		
21	31	JUL 70	57932	57940	57936	57930	57934	57946	57944	57943	57941	57941	57942	57943	15 1500 57972 20 0400 57877
1	10	AUG 70		57942	57947	57927	57937	57934	57934	57934	57929	57923	57924		
11	20	AUG 70		57927	57931	57935	57938	57945	57935	57929	57929	57927	57925		
21	31	AUG 70	57928	57929	57926	57919	57924	57926	57923	57924	57902	57917	57906	57909	2 1815 57965 30 1945 57872
1	10	SEP 70		57913	57913	57922	57919	57921	57924	57936	57924	57933	57918		
11	20	SEP 70		57939	57927	57914	57906	57912	57907	57918	57912	57928	57923		
21	30	SEP 70	57922	57928	57927	57923	57924	57936	57919	57929	57912	57933	57921	11 0040 57966	10 1340 57864
1	10	OCT 70		57927	57926			57918	57916	57922	57913	57916	57919		
11	20	OCT 70		57916	57905	57910	57888	57904	57904	57914	57912	57900	57895		
21	31	OCT 70	57906	57898	57902	57894	57889	57890	57893	57896	57893	57902	57906	57907	2 0605 57956 14 1402 57867
1	10	NOV 70		57914	57902	57879	57884	57897	57912	57897	57899	57903	57884		
11	20	NOV 70		57906	57891	57886	57873	57867	57892	57892	57891	57895	57879		
21	30	NOV 70	57891	57878	57896	57894	57897	57919	57894	57865	57869	57886	57892	20 1139 57950	21 0046 57777
1	10	DEC 70		57898	57878	57909	57856	57880	57878	57891	57896	57878	57889		
11	20	DEC 70		57869	57864	57882	57892	57892	57883	57871	57897	57862	57892		
21	31	DEC 70	57880	57893	57865	57878	57877	57886	57866		57874	57870	57873	57874	3 2037 57941 4 1945 57794

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 5098

ANNUAL SUMMARY OF LEVELS
ST. MARYS RIVER AT LITTLE RAPIDS

	HIGHEST	YEARLY MEAN ELEVATION	579.85 IN 1970	LOWEST
MONTHLY MEAN ELEVATION	580.36	AUG 1970	MONTHLY MEAN ELEVATION	579.35 APR 1970
DAILY MEAN ELEVATION	580.78	1 DEC 1970	DAILY MEAN ELEVATION	578.99 14 APR 1970
INSTANTANEOUS ELEVATION	581.13	1400 1 DEC 1970	INSTANTANEOUS ELEVATION	578.85 1800 4 MAY 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.93	14	JAN	1970
580.54	23	FEB	1970
580.34	4	MAR	1970
579.64	23	APR	1970
579.74	31	MAY	1970
579.79	29	JUN	1970
580.11	31	JUL	1970
580.66	15	AUG	1970
580.71	7	SEP	1970
580.29	28	OCT	1970
580.68	25	NOV	1970
580.78	1	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.20	2	JAN	1970
579.67	9	FEB	1970
579.27	26	MAR	1970
578.99	14	APR	1970
579.22	5	MAY	1970
579.31	19	JUN	1970
579.40	20	JUL	1970
580.01	3	AUG	1970
579.64	16	SEP	1970
579.26	14	OCT	1970
579.31	4	NOV	1970
579.81	19	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
581.00													
580.80													
580.60								1	1		2	1	5
580.40		9						14	6			3	37
580.20		8	5					9	2	1	3	7	72
580.00		1					3	7	5	4	5	10	107
579.80	7	5					17		10	8	9	10	173
579.60	14	5		2	3	26	10		6	12	5		256
579.40	7		4	13	15	3				4	4		306
579.20	2		5	7	13	1	1			1	2		338
579.00	1			7									346
578.80				1									347

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6032

DAILY WATER LEVELS
ST. MARYS RIVER AT LITTLE RAPIDS

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME ELEV.
1	10 JAN 70		57921	57920	57936	57947	57950	57955	57947	57951	57955	57954			
11	20 JAN 70		57965	57968	57978	57993	57998	57990	57986	57977	57977	57977			
21	31 JAN 70	57966	57962	57981	57973	57979	57972	57961	57978	57986	57970	57977	57986	16 1400 57999	1 2300 57901
1	10 FEB 70		57992	57981	57968	57975	57983	57982	57980	57972	57967	58000			
11	20 FEB 70		58016	58034	58039	58042	58039	58038	58047	58050	58040	58049			
21	28 FEB 70	58019	58054	58046	58054	58053	58033	58042	58035	58032			18 1230 58064	9 0800 57958	
1	10 MAR 70		58031	58028	58025	58034	58026								
11	20 MAR 70														
21	31 MAR 70	57971			57943	57944	57942	57927	57934	57941	57940	57939	57940	4 1100 58041	27 0200 57902
1	10 APR 70		57945	57920	57942	57949	57964	57955	57946	57952	57939	57931			
11	20 APR 70		57941	57928	57907	57899	57911	57910	57909	57919	57931	57942			
21	30 APR 70	57935	57914	57945	57964	57943	57940	57942	57940	57932	57942	57943	23 0200 57990	14 1000 57891	
1	10 MAY 70		57952	57933	57957	57923	57922	57929	57947	57935	57944	57933			
11	20 MAY 70		57933	57933	57924	57936	57956	57950	57937	57963	57935	57945			
21	31 MAY 70	57944	57948	57947	57945	57957	57955	57936	57944	57954	57961	57957	57974	31 2100 57988	4 1800 57885
1	10 JUN 70		57979	57961	57958	57971	57958	57964	57972	57965	57976	57976			
11	20 JUN 70		57972	57966	57967	57964	57966	57978	57977	57974	57931	57969			
21	30 JUN 70	57969	57969	57970	57979	57968	57974	57961	57959	57979	57979	57975	28 1700 58002	19 0300 57900	
1	10 JUL 70		57972	57982	57978	57966	57961	57980	57987	57988	57966	57966			
11	20 JUL 70		57974	57976	57997	57988	57987	57982	57986	57981	58004	57940			
21	31 JUL 70	57984	57977	57987	57988	57990	58003	57989	57995	57992	57997	58000	58011	19 1300 58041	20 1400 57925
1	10 AUG 70		58018	58030	58001	58018	58026	58024	58023	58021	58015	58016			
11	20 AUG 70		58018	58024	58030	58045	58066	58054	58048	58058	58058	58039			
21	31 AUG 70	58036	58049	58056	58051	58042	58050	58046	58054	58030	58041	58041	58020	15 2200 58078	3 1900 57975
1	10 SEP 70		58035	58042	58059	58038	58042	58053	58071	58050	58042	58019			
11	20 SEP 70		58014	57999	57968	57969	57993	57964	57985	57978	57993	57990			
21	30 SEP 70	58008	58007	57994	57991	58016	57998	57987	57990	57969	58001	57976	8 0200 58096	26 1800 57944	
1	10 OCT 70		58001	58002	57975	57976	58000	57983	57989	57984	58011	57999			
11	20 OCT 70		57985	57972	57977	57926	57958	57959	57973		57974	57964			
21	31 OCT 70	57980	57961	57965	57964	57960	57959	57964	57992	58029	58011	57979	57993	28 1400 58053	14 1800 57898
1	10 NOV 70		57984	57965	57946	57931	57935	57984	57972	57983	58006	57988			
11	20 NOV 70		57991	57977	57970	57956	57947	57981	57976	57991	57991	58010			
21	30 NOV 70	57990	57956	58038	57982	58016	58068	58061	58010	58008	58040	58025	25 2000 58107	21 0500 57892	
1	10 DEC 70		58078	58033	58042	58006	58046	57987	58029	58042	58025	58018			
11	20 DEC 70		58013	58005	58016	58025	58028	58035	58002	58021	57981	57999			
21	31 DEC 70	58013	58011	57993	57997	57997	58013	58001	57986	57986	57996	58001	57999	1 1400 58113	19 2000 57951

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6032

ANNUAL SUMMARY OF LEVELS
ST. MARYS RIVER AT FRECHETTE POINT

YEARLY MEAN ELEVATION 579.74 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 580.26 AUG 1970
DAILY MEAN ELEVATION 580.56 1 DEC 1970
INSTANTANEOUS ELEVATION 580.93 1340 1 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 579.26 APR 1970
DAILY MEAN ELEVATION 578.93 14 APR 1970
INSTANTANEOUS ELEVATION 575.42 0438 16 JUL 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.82	14	JAN	1970
580.30	21	FEB	1970
580.10	1	MAR	1970
579.57	5	APR	1970
579.74	31	MAY	1970
579.90	28	JUN	1970
580.11	31	JUL	1970
580.55	15	AUG	1970
580.51	7	SEP	1970
580.16	28	OCT	1970
580.47	25	NOV	1970
580.56	1	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.24	2	JAN	1970
579.52	9	FEB	1970
579.12	26	MAR	1970
578.93	14	APR	1970
579.18	5	MAY	1970
579.47	19	JUN	1970
579.41	20	JUL	1970
579.94	3	AUG	1970
579.51	16	SEP	1970
579.15	14	OCT	1970
579.18	4	NOV	1970
579.52	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.80													
580.60													
580.40								5	1		1	1	8
580.20		8						14	4		1		35
580.00		9	4					11	5	2	2	6	80
579.80	1	3	1			10	18	1	9	6	5	12	146
579.60	17	5	1		1	19	6		7	10	10	10	232
579.40	10	3	9	3	17	1	1		4	12	5	2	299
579.20	3		15	14	11						5		347
579.00			1	6	2					1	1		358
578.80				2									360

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6050

DAILY WATER LEVELS

ST. MARYS RIVER AT FRECHETTE POINT

DAY		MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV. DAY TIME		
1	10	JAN 70		57926	57924	57939	57951	57952	57954	57946	57950	57955	57956						
11	20	JAN 70		57967	57970	57980	57982	57980	57974	57973	57967	57971	57970						
21	31	JAN 70	57961	57953	57976	57965	57974	57962	57951	57968	57976	57955	57965	57974	13	1340	57994	2 0200	57911
1	10	FEB 70		57981	57966	57958	57967	57973	57972	57971	57958	57952	57981						
11	20	FEB 70		57988	58008	58012	58018	58013	58015	58027	58024	58016	58024						
21	28	FEB 70	57999	58030	58026	58024	58028	58006	58024	58009	58010				26	1500	58040	9 0800	57941
1	10	MAR 70		58010	58006	58001	58004	57989	57964	57953	57954	57948	57942						
11	20	MAR 70		57946	57952	57945	57949	57935	57937	57948	57940	57937	57936						
21	31	MAR 70	57949	57932	57933	57927	57933	57929	57912	57923	57930	57930	57930	57931	5	1045	58014	27 0200	57885
1	10	APR 70		57937	57906	57932	57939	57957	57946	57938	57946	57931	57924						
11	20	APR 70		57936	57921	57899	57893	57907	57906	57905	57914	57927	57936						
21	30	APR 70	57926	57904						57933	57928	57937	57939		20	0600	57994	13 2255	57876
1	10	MAY 70		57949	57929	57955	57918	57918	57925	57944	57932	57942	57933						
11	20	MAY 70		57933	57933	57924	57936	57954	57948	57936	57960	57933	57944						
21	31	MAY 70	57942	57948	57946	57943	57957	57954	57935	57944	57950	57959	57957	57974	29	1640	57988	4 1755	57870
1	10	JUN 70		57980	57962	57965	57979	57963	57976	57979	57979	57987	57987						
11	20	JUN 70		57977	57973	57976	57973	57976	57990	57987	57969	57947	57975						
21	30	JUN 70	57977	57974	57982	57988	57974	57984	57968	57968	57990	57987	57982		24	0200	58015	19 1515	57915
1	10	JUL 70		57981	57988	57983	57970	57965	57984	57992	57990	57968	57971						
11	20	JUL 70		57979	57980	58001	57991	57992	57986	57988	57984	58005	57941						
21	31	JUL 70	57988	57981	57991	57991	57994	58008	57996	57998	57999	58002	58004	58011	19	1000	58047	16 0438	57542
1	10	AUG 70		58014	58028	57994	58017	58022	58017	58017	58015	58010	58011						
11	20	AUG 70		58013	58018	58023	58037	58055	58040	58035	58045	58044	58024						
21	31	AUG 70	58026	58035	58045	58037	58029	58036	58031	58041	58014	58028	58024	58007	15	2100	58066	3 1635	57961
1	10	SEP 70		58019	58020	58034	58009	58017	58030	58051	58024	58022	57999						
11	20	SEP 70		58000	57988	57958	57957	57981	57951	57974	57966	57982	57980						
21	30	SEP 70	57992	57994	57982	57979	58004	57987	57973	57977	57956	57990	57966		8	0135	58081	26 2030	57924
1	10	OCT 70		57991	57988	57961	57965	57991	57973	57977	57974	58001	57987						
11	20	OCT 70		57972	57960	57967	57915	57947	57948	57963	57957	57960	57953						
21	31	OCT 70	57968	57950	57954	57953	57949	57948	57953	57980	58016	57998	57966	57981	28	1325	58042	14 1630	57879
1	10	NOV 70		57973	57952	57934	57918	57922	57969	57957	57968	57990	57970						
11	20	NOV 70		57975	57959	57950	57937	57931	57966	57961	57975	57972	57990						
21	30	NOV 70	57971	57930	58018	57957	57992	58047	58034	57981	57980	58014	57999		25	2355	58088	21 0435	57852
1	10	DEC 70		58056	58000	58015	57974	58013	57952	58000	58018	57999	57995						
11	20	DEC 70		57988	57978	57991	58002	58006	58013	57978	58000	57960	57979						
21	31	DEC 70	57990	57992	57974	57980	57978	57994	57982	57966	57967	57977	57983	57981	1	1340	58093	6 0445	57918

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 6050

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

YEARLY MEAN ELEVATION 580.11 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 580.74 AUG 1970
DAILY MEAN ELEVATION 581.13 1 DEC 1970
INSTANTANEOUS ELEVATION 581.75 2345 25 NOV 1970

MONTHLY MEAN ELEVATION 579.53 APR 1970
DAILY MEAN ELEVATION 579.19 14 APR 1970
INSTANTANEOUS ELEVATION 578.83 1520 4 MAY 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
580.20	14	JAN	1970
580.94	24	FEB	1970
580.72	4	MAR	1970
579.84	5	APR	1970
579.98	31	MAY	1970
580.08	1	JUN	1970
580.40	31	JUL	1970
581.04	15	AUG	1970
581.12	7	SEP	1970
580.56	28	OCT	1970
581.05	25	NOV	1970
581.13	1	DEC	1970

ELEV.	DAY	MONTH	YEAR
579.49	2	JAN	1970
579.94	9	FEB	1970
579.42	26	MAR	1970
579.19	14	APR	1970
579.42	4	MAY	1970
579.60	19	JUN	1970
579.62	20	JUL	1970
580.34	3	AUG	1970
579.89	16	SEP	1970
579.48	14	OCT	1970
579.52	4	NOV	1970
580.18	19	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
581.20													
581.00								1	2		2	1	6
580.80		8						15	5			2	36
580.60		9	4					4	2		3	7	65
580.40		1						10	2	1	3	8	90
580.20		1	1				6	1	5	6	4	10	124
580.00	13	6				5	17		9	8	11	3	196
579.80	9	3	8	2	6	21	7		5	15	3		275
579.60	7		7	10	13	3	1				2		318
579.40	2		11	10	12	1				1	2		357
579.20				7									364
579.00				1									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

DAILY WATER LEVELS

ST. MARYS RIVER AT U. S. SLIP, BELOW LOCKS, SAULT STE. MARIE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME	ELEV,	
1	10	JAN 70	57950	57949	57967	57978	57978	57979	57974	57977	57979	57981					
11	20	JAN 70	57992	57991	58001	58020	58012	58016	58010	58000	58001	58002					
21	31	JAN 70	57992	57986	58007	57997	58004	57997	57986	58004	58013	57996	58003	58013	16 1410	58027	2 0850 57926
1	10	FEB 70		58019	58007	57994	58001	58009	58006	58006	57996	57994	58035				
11	20	FEB 70		58054	58074	58078	58079	58076	58073	58084	58088	58077	58085				
21	28	FEB 70	58053	58086	58092	58086	58094	58072	58081	58074	58071			18 1130	58108	2 2105 57982	
1	10	MAR 70		58070	58067	58061	58072	58036	57997	57987	57990	57984	57976				
11	20	MAR 70		57981	57986	57979	57981	57963	57968	57983	57968	57964	57963				
21	31	MAR 70	57984	57957	57959	57954	57960	57957	57942	57952	57960	57959	57960	57959	4 1055	58085	27 0055 57919
1	10	APR 70		57963	57936	57959	57967	57984	57974	57964	57970	57954	57946				
11	20	APR 70		57960	57944	57926	57919	57930	57930	57930	57939	57955	57962				
21	30	APR 70	57953	57931	57961	57982	57960	57959	57962	57958	57952	57961	57963		23 0210	58027	14 0215 57886
1	10	MAY 70		57974	57953	57979	57942	57943	57952	57969	57953	57966	57960				
11	20	MAY 70		57954	57955	57946	57956	57979	57973	57961	57985	57957	57969				
21	31	MAY 70	57967	57975	57970	57967	57981	57981	57960	57966	57979	57986	57981	57998	18 0705	58030	4 1520 57883
1	10	JUN 70		58008	57982	57984	57996	57979	57989	57990	57991	58001	57998				
11	20	JUN 70		57990	57985	57990	57987	57989	58002	57997	57982	57960	57988				
21	30	JUN 70	57990	57988	57992	57999	57989	58000	57980	57980	58002	58001	57993		28 1640	58042	18 2230 57922
1	10	JUL 70		57992	58002	58002	57988	57983	58002	58009	58010	57989	57991				
11	20	JUL 70		57999	58003	58021	58012	58012	58006	58009	58005	58029	57962				
21	31	JUL 70	58006	57999	58014	58015	58018	58027	58014	58019	58018	58022	58025	58040	18 1105	58082	20 1835 57918
1	10	AUG 70		58053	58067	58034	58051	58055	58056	58058	58052	58049	58048				
11	20	AUG 70		58050	58059	58064	58082	58104	58092	58090	58097	58100	58081				
21	31	AUG 70	58074	58089	58098	58094	58082	58092	58090	58093	58072	58084	58084	58063	15 1905	58138	3 1735 57991
1	10	SEP 70		58079	58084	58102	58083	58084	58093	58112	58090	58076	58051				
11	20	SEP 70		58039	58022	57992	57992	58019	57989	58010	58004	58018	58016				
21	30	SEP 70	58038	58030	58019	58014	58043	58023	58015	58015	57992	58025	58000		8 0025	58152	13 0305 57943
1	10	OCT 70		58025	58024	57999	58003	58025	58006	58013	58009	58035	58023				
11	20	OCT 70		58009	57997	58002	57948	57981	57985	57998	57991	57994	57988				
21	31	OCT 70	58003	57985	57991	57989	57984	57982	57988	58018	58056	58035	58000	58017	28 1250	58115	14 1615 57895
1	10	NOV 70		58007	57987	57969	57952	57957	58011	58004	58015	58036	58019				
11	20	NOV 70		58022	58010	58001	57986	57980	58011	58005	58018	58021	58040				
21	30	NOV 70	58021	57989	58069	58018	58051	58105	58102	58053	58048	58079	58062		25 2345	58175	4 2155 57902
1	10	DEC 70		58113	58075	58080	58046	58088	58028	58068	58081	58066	58057				
11	20	DEC 70		58050	58044	58058	58064	58062	58071	58039	58054	58018	58036				
21	31	DEC 70	58050	58044	58024	58029	58030	58045	58033	58019	58020	58031	58033	58031	1 1110	58173	4 1205 57982

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6060

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

HIGHEST YEARLY MEAN ELEVATION 600.52 IN 1970

MONTHLY MEAN ELEVATION 601.19 NOV 1970
DAILY MEAN ELEVATION 601.93 23 NOV 1970
INSTANTANEOUS ELEVATION 603.38 2035 5 DEC 1970

LOWEST

MONTHLY MEAN ELEVATION 599.58 APR 1970
DAILY MEAN ELEVATION 599.04 3 MAR 1970
INSTANTANEOUS ELEVATION 597.34 0020 22 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.44	13	JAN	1970
600.25	2	FEB	1970
599.95	7	MAR	1970
599.98	9	APR	1970
600.70	26	MAY	1970
601.07	19	JUN	1970
601.34	20	JUL	1970
601.42	3	AUG	1970
601.50	10	SEP	1970
601.62	3	OCT	1970
601.93	23	NOV	1970
601.63	2	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.66	15	JAN	1970
599.41	26	FEB	1970
599.04	3	MAR	1970
599.14	20	APR	1970
599.84	9	MAY	1970
600.51	9	JUN	1970
600.76	2	JUL	1970
600.82	27	AUG	1970
600.60	7	SEP	1970
600.36	28	OCT	1970
600.56	25	NOV	1970
600.37	22	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.00													
601.80													
601.60													
601.40													
601.20													
601.00													
600.80													
600.60													
600.40													
600.20													
600.00													
599.80													
599.60													
599.40													
599.20													
599.00													

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMRER 6070

DAILY WATER LEVELS

ST. MARYS RIVER AT S. W. PIER, ABOVE LOCKS, SAULT STE. MARIE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS FLEV. DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	59994	59999	60000	60019	60042	60025	60020	60035	60032	60007			
11	20	JAN 70	59992	60039	60044	60001	59966	60027	60016	60019	60009	60012			
21	31	JAN 70	60006	60000	59999	59997	59979	59991	59982	59992	59977	60012	59979	59988	5 1445 60120 28 0725 59918
1	10	FEB 70	59975	60025	59997	59958	59990	59984	59987	59983	59975	59980			
11	20	FEB 70	59979	59968	59973	59962	59968	59946	59943	59980	59961	59970			
21	28	FEB 70	59970	59952	59973	59946	59965	59963	59941	59963	59945				1 0415 60090 4 1315 59896
1	10	MAR 70	59942	59935	59904	59968	59966	59981	59995	59977	59972	59973			
11	20	MAR 70	59977	59969	59971	59979	59977	59966	59962	59964	59963	59974			
21	31	MAR 70	59966	59974	59964	59975	59974	59969	59975	59973	59971	59951	59943	59969	27 1715 60034 3 1500 59879
1	10	APR 70	59962	59973	59959	59956	59930	59971	59934	59949	59998	59974			
11	20	APR 70	59955	59944	59942	59953	59934	59927	59972	59967	59914	59914			
21	30	APR 70	59958	59970	59953	59972	59975	59969	59978	59973	59976	59962	59987		23 0700 60083 22 0020 59734
1	10	MAY 70	60015	60010	59995	60015	60026	60000	59989	60001	59984	60007			
11	20	MAY 70	60020	60014	60025	60019	60013	60033	60026	60008	60043	60012			
21	31	MAY 70	60024	60035	60047	60043	60024	60039	60070	60066	60038	60015	60049	60057	22 0050 60143 7 1515 59895
1	10	JUN 70	60065	60074	60066	60064	60077	60059	60074	60058	60051	60061			
11	20	JUN 70	60067	60064	60063	60071	60064	60053	60062	60101	60107	60086			
21	30	JUN 70	60074	60080	60085	60069	60104	60085	60089	60092	60066	60086	60078		18 0555 60220 18 0410 59933
1	10	JUL 70	60084	60076	60089	60117	60097	60082	60090	60100	60104	60112			
11	20	JUL 70	60105	60095	60078	60093	60116	60108	60118	60113	60103	60134			
21	31	JUL 70	60104	60121	60108	60104	60105	60105	60102	60113	60121	60106	60114	60115	8 1405 60223 8 0150 59886
1	10	AUG 70	60120	60120	60142	60117	60114	60114	60111	60112	60107	60106			
11	20	AUG 70	60106	60108	60102	60092	60107	60120	60108	60087	60096	60124			
21	31	AUG 70	60107	60104	60082	60106	60101	60096	60112	60082	60118	60094	60111	60112	30 1705 60202 27 1250 59998
1	10	SEP 70	60094	60071	60087	60126	60105	60068	60060	60114	60079	60150			
11	20	SEP 70	60119	60120	60126	60114	60096	60118	60100	60104	60093	60090			
21	30	SEP 70	60109	60100	60126	60119	60098	60119	60146	60145	60131	60125	60131		10 0920 60302 21 0845 59930
1	10	OCT 70	60087	60128	60162	60137	60078	60090	60100	60088	60064	60117			
11	20	OCT 70	60101	60107	60101	60153	60142	60107	60106	60121	60089	60092			
21	31	OCT 70	60100	60107	60095	60089	60080	60091	60088	60055	60036	60094	60102	60104	3 2115 60230 28 1005 59973
1	10	NOV 70	60117	60121	60121	60152	60150	60141	60127	60116	60091	60138			
11	20	NOV 70	60115	60143	60130	60126	60125	60125	60103	60078	60097	60148			
21	30	NOV 70	60119	60141	60129	60193	60123	60056	60111	60106	60082	60090	60081		22 2210 60317 22 0510 59986
1	10	DEC 70	60054	60163	60077	60080	60144	60123	60066	60095	60113	60091			
11	20	DEC 70	60076	60079	60081	60076	60040	60052	60078	60074	60117	60115			
21	31	DEC 70	60081	60072	60037	60042	60079	60103	60072	60085	60084	60069	60047	60042	5 2035 60338 1 0945 59932

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 6070

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT LUDINGTON, MICHIGAN

YEARLY MEAN ELEVATION 579.09 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 579.50 JUL 1970
DAILY MEAN ELEVATION 579.75 19 JUL 1970
INSTANTANEOUS ELEVATION 580.07 0600 10 SEP 1970

MONTHLY MEAN ELEVATION 578.58 MAR 1970
DAILY MEAN ELEVATION 578.38 25 FEB 1970
INSTANTANEOUS ELEVATION 578.19 2200 22 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.05	2	JAN	1970
578.78	8	FEB	1970
578.83	3	MAR	1970
579.47	20	APR	1970
579.40	29	MAY	1970
579.58	13	JUN	1970
579.75	19	JUL	1970
579.53	1	AUG	1970
579.72	24	SEP	1970
579.65	28	OCT	1970
579.62	3	NOV	1970
579.36	4	DEC	1970

ELEV.	DAY	MONTH	YEAR
578.59	13	JAN	1970
578.38	25	FEB	1970
578.41	11	MAR	1970
578.49	10	APR	1970
578.93	2	MAY	1970
579.21	19	JUN	1970
579.31	5	JUL	1970
579.20	31	AUG	1970
579.18	11	SEP	1970
578.99	4	OCT	1970
578.50	23	NOV	1970
578.63	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.80													
579.60							5						
579.40				1		11	20	16	1	1	1		8
579.20					13	19	6	14	20	18	8	5	66
579.00	1			5	15			1	1	9	17	15	169
578.80	9		2	9	3					1	3	9	233
578.60	19	14	8	9								2	269
578.40	2	13	21	6									321
578.20		1									1		364
													365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

DAILY WATER LEVELS

LAKE MICHIGAN AT LUDINGTON, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10	JAN 70	57899	57905	57893	57883	57859	57870	57890	57890	57876	57874				
11	20	JAN 70	57881	57884	57859	57867	57882	57881	57866	57872	57869	57871				
21	31	JAN 70	57876	57872	57871	57863	57876	57877	57877	57867	57878	57873	57866	57866	25 1500	57938 13 2100 57839
1	10	FEB 70	57862	57857	57860	57876	57875	57866	57869	57878	57876	57869				
11	20	FEB 70	57861	57857	57862	57858	57866	57856	57868	57867	57858	57852				
21	28	FEB 70	57860	57848	57848	57843	57854	57838	57861	57860	57848		4 2100	57919	22 2200	57819
1	10	MAR 70	57861	57865	57883	57882	57858	57862	57857	57843	57855	57852				
11	20	MAR 70	57841	57847	57851	57846	57853	57845	57846	57857	57856	57876				
21	31	MAR 70	57858	57856	57859	57856	57853	57857	57866	57859	57860	57862	57865	57861	20 1000	57901 11 2300 57826
1	10	APR 70	57860	57871	57858	57860	57861	57871	57862	57860	57854	57849				
11	20	APR 70	57865	57878	57891	57886	57878	57887	57872	57869	57892	57947				
21	30	APR 70	57882	57905	57887	57896	57887	57899	57896	57902	57908	57915	20 0600	57971	1 2300	57831
1	10	MAY 70	57914	57893	57906	57908	57899	57896	57904	57914	57923	57928				
11	20	MAY 70	57917	57929	57922	57916	57929	57915	57904	57907	57909	57918				
21	31	MAY 70	57917	57927	57914	57925	57931	57935	57910	57908	57927	57940	57935	57931	23 0800	57971 2 1800 57875
1	10	JUN 70	57936	57930	57930	57931	57933	57935	57936	57936	57939	57940				
11	20	JUN 70	57945	57955	57958	57957	57949	57949	57952	57947	57921	57937				
21	30	JUN 70	57940	57947	57937	57941	57930	57933	57949	57932	57936	57938	57938	18 0900	57986	19 1900 57898
1	10	JUL 70	57951	57944	57952	57937	57931	57935	57934	57943	57943	57936				
11	20	JUL 70	57943	57945	57950	57953	57954	57940	57947	57958	57975	57961				
21	31	JUL 70	57950	57941	57951	57958	57956	57948	57953	57955	57959	57962	57965	57961	19 1600	57998 4 1800 57913
1	10	AUG 70	57953	57950	57947	57941	57946	57945	57944	57949	57952	57951				
11	20	AUG 70	57946	57940	57940	57939	57942	57937	57935	57946	57951	57939				
21	31	AUG 70	57941	57933	57945	57940	57930	57933	57930	57938	57935	57925	57941	57920	3 0300	57984 29 0300 57902
1	10	SEP 70	57923	57935	57946	57939	57932	57945	57959	57952	57937	57950				
11	20	SEP 70	57918	57936	57922	57935	57947	57932	57930	57934	57925	57933				
21	30	SEP 70	57937	57939	57931	57937	57972	57946	57949	57930	57931	57931	57921	10 0600	58007	13 0300 57891
1	10	OCT 70	57931	57933	57911	57899	57927	57932	57925	57936	57945	57931				
11	20	OCT 70	57918	57932	57928	57923	57906	57904	57911	57902	57917	57919				
21	31	OCT 70	57926	57924	57911	57922	57928	57927	57926	57938	57965	57953	57930	57937	28 1900	57999 4 1400 57887
1	10	NOV 70	57917	57926	57962	57931	57902	57912	57911	57917	57929	57936				
11	20	NOV 70	57918	57921	57919	57925	57918	57902	57906	57919	57905	57930				
21	30	NOV 70	57913	57894	57929	57850	57882	57902	57908	57914	57910	57908	57890	3 1108	57981	23 1800 57823
1	10	DEC 70	57931	57874	57893	57936	57910	57863	57902	57905	57907	57895				
11	20	DEC 70	57918	57922	57910	57908	57911	57918	57913	57907	57916	57884				
21	31	DEC 70	57906	57893	57927	57932	57905	57897	57897	57904	57897	57899	57898	57903	22 1600	57957 2 2400 57841

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7023

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT HOLLAND, MICHIGAN

YEARLY MEAN ELEVATION 578.99 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.39 JUL 1970
DAILY MEAN ELEVATION 579.71 20 JUL 1970
INSTANTANEOUS ELEVATION 580.19 2300 19 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 578.52 MAR 1970
DAILY MEAN ELEVATION 578.28 23 FEB 1970
INSTANTANEOUS ELEVATION 577.98 0930 26 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.08	2	JAN	1970
578.81	9	FEB	1970
578.86	4	MAR	1970
579.27	20	APR	1970
579.32	29	MAY	1970
579.43	14	JUN	1970
579.71	20	JUL	1970
579.45	9	AUG	1970
579.50	24	SEP	1970
579.56	29	OCT	1970
579.58	3	NOV	1970
579.24	23	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.48	31	JAN	1970
578.28	23	FEB	1970
578.34	11	MAR	1970
578.34	8	APR	1970
578.74	3	MAY	1970
579.09	19	JUN	1970
579.15	7	JUL	1970
579.10	31	AUG	1970
579.05	11	SEP	1970
578.94	18	OCT	1970
578.57	25	NOV	1970
578.73	20	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.80													
579.60							2						2
579.40						3	12	3	2	2	1		25
579.20				1	5	22	14	21	16	3	7	1	115
579.00	2				14	5	3	7	12	21	13	4	196
578.80	7	1	1	4	8					5	5	11	238
578.60	12	12	3	14	3						3	1	286
578.40	5	13	23	6							1		334
578.20		2	4	5									345

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

DAILY WATER LEVELS
LAKE MICHIGAN AT HOLLAND, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	57900	57908	57895	57879	57862	57872	57893	57904	57891	57874						
11	20	JAN 70	57880	57891	57866	57865	57875				57866	57889						
21	31	JAN 70	57876	57881		57852	57874	57859	57856	57863	57876	57850	57848	8 0545	57926	28 0145	57825	
1	10	FEB 70	57841	57879	57871	57849	57866	57848	57853	57878	57881	57870						
11	20	FEB 70	57877	57863	57868	57857	57867	57841	57854	57880	57858	57851						
21	28	FEB 70	57858	57840	57842	57828	57844	57862	57841	57867	57841			2 1110	57949	26 0930	57798	
1	10	MAR 70	57856	57858	57870	57886	57853	57851	57856	57838	57857	57850						
11	20	MAR 70	57834	57841	57847	57850	57855	57838	57843	57856	57851	57866						
21	31	MAR 70	57852	57855	57858	57847	57840	57850	57874	57842	57854	57845	57843	57844	26 1150	57914	11 2250	57815
1	10	APR 70	57848	57874	57846	57850	57836	57866	57840	57834	57839	57836						
11	20	APR 70	57849	57866	57878	57877	57863	57866	57855	57857	57880	57927						
21	30	APR 70	57866	57886	57864	57873	57866	57872	57872	57880	57891	57888	57893		20 0435	57960	5 1815	57810
1	10	MAY 70	57884	57875	57874		57894	57880	57881	57891	57898	57906						
11	20	MAY 70	57910	57918	57923	57916	57922	57901	57896	57888	57902	57909						
21	31	MAY 70	57904	57906	57908	57918	57923	57918	57900	57903	57924	57932	57918	57911	13 1210	57959	2 0525	57846
1	10	JUN 70	57919	57940	57926	57923	57930	57924	57921	57921	57922	57923						
11	20	JUN 70	57930	57941	57943	57943	57935	57932	57932	57930	57909	57926						
21	30	JUN 70	57927	57935	57919	57921	57922	57926	57939	57922	57918	57915	57921		14 2125	57962	19 1800	57883
1	10	JUL 70	57927	57931	57933	57927	57919	57920	57915	57937	57945	57935						
11	20	JUL 70	57937	57939	57939	57942	57946	57930	57933	57953	57970	57971						
21	31	JUL 70	57939	57931	57943	57949	57943	57935	57940	57941	57945	57949	57951	57947	19 2300	58019	7 2150	57897
1	10	AUG 70	57942	57935	57940	57928	57934	57933	57933	57939	57945	57942						
11	20	AUG 70	57937	57931	57926	57921	57918	57926	57927	57934	57940	57928						
21	31	AUG 70	57929	57919	57928	57929	57911	57919	57919	57923	57929	57915	57934	57910	19 1550	57968	29 1115	57884
1	10	SEP 70	57911	57916	57932	57927	57928	57931	57933	57941	57921	57933						
11	20	SEP 70	57905	57919	57920	57922	57936	57923	57923	57924	57906	57913						
21	30	SEP 70	57923	57913	57914	57920	57950	57930	57937	57918	57927	57908	57921		10 1310	57983	29 1415	57878
1	10	OCT 70	57912	57917	57909	57895	57915	57912	57907	57918	57923	57912						
11	20	OCT 70	57906	57917	57917	57921	57898	57894	57895	57894	57910	57916						
21	31	OCT 70	57914	57916	57902	57914	57918	57917	57913	57921	57948	57956	57916	57919	28 2235	57979	4 1040	57879
1	10	NOV 70	57903	57924	57958	57933	57906	57903	57916	57913	57919	57932						
11	20	NOV 70	57907	57919	57926	57932	57910	57892	57901	57905	57895	57939						
21	30	NOV 70	57908	57881	57923	57875	57877	57857	57891	57913	57905	57894	57880		20 1730	57984	25 1715	57821
1	10	DEC 70	57896															
11	20	DEC 70						57920	57900	57884	57906	57873						
21	31	DEC 70	57897	57887	57918	57924	57900	57895	57885	57910	57890	57892	57886	57889	24 0100	57964	26 1030	57846

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7031

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT CALUMET HARBOR, SOUTH CHICAGO, ILLINOIS

HIGHEST YEARLY MEAN ELEVATION 579.07 IN 1970

MONTHLY MEAN ELEVATION 579.45 JUL 1970
DAILY MEAN ELEVATION 580.10 20 JUL 1970
INSTANTANEOUS ELEVATION 580.79 2000 19 JUL 1970

LOWEST

MONTHLY MEAN ELEVATION 578.62 FEB 1970
DAILY MEAN ELEVATION 577.98 25 NOV 1970
INSTANTANEOUS ELEVATION 577.03 1000 26 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.14	18	JAN	1970
579.14	9	FEB	1970
579.29	26	MAR	1970
579.24	19	APR	1970
579.48	28	MAY	1970
579.73	2	JUN	1970
580.10	20	JUL	1970
579.65	9	AUG	1970
579.54	28	SEP	1970
579.58	28	OCT	1970
579.90	14	NOV	1970
579.67	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.30	22	JAN	1970
578.00	26	FEB	1970
578.50	24	MAR	1970
578.28	8	APR	1970
578.72	1	MAY	1970
578.97	29	JUN	1970
579.13	7	JUL	1970
579.11	15	AUG	1970
579.00	11	SEP	1970
578.91	17	OCT	1970
577.98	25	NOV	1970
578.56	8	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.20													
580.00							1						1
579.80							1						3
579.60							2				1		3
579.40						3	8	1			2	1	12
579.20						8	12	10	7	3	2	3	60
579.00	3	3	1	1	8	17	14	17	14	13	9	1	155
578.80	10	6	8	5	11	1	1	3	8	12	5	9	216
578.60	15	7	17	9	3				1	3	3	12	274
578.40	1	4	5	4							6	4	335
578.20	2	6		3							1	1	351
578.00		1											362
577.80		1											363
											1		365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

DAILY WATER LEVELS

LAKE MICHIGAN AT CALUMET HARBOR, SOUTH CHICAGO, ILLINOIS

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	57910	57899	57883	57867	57862	57873	57873	57869	57885	57866					
11	20	JAN 70	57876	57893	57877	57878	57873	57871	57905	57914	57876	57897					
21	31	JAN 70	57877	57885	57830	57882	57842	57899	57884	57868	57864	57897	57863	57839	25 2000	57976	24 1100 57777
1	10	FEB 70	57827	57900	57884	57803	57848	57847	57861	57901	57914	57889					
11	20	FEB 70	57897	57872	57888	57876	57880	57842	57838	57894	57869	57840					
21	28	FEB 70	57862	57826	57839	57839	57847	57901	57800	57864	57862			2 1000	58050	26 1000 57703	
1	10	MAR 70	57879	57884	57891	57897	57874	57861	57867	57875	57898	57887					
11	20	MAR 70	57862	57872	57863	57874	57885	57854	57862	57883	57871	57853					
21	31	MAR 70	57873	57864	57877	57854	57850	57887	57929	57853	57868	57875	57864	57861	26 0300	58026	20 0600 57797
1	10	APR 70	57893	57917	57852	57855	57833	57877	57849	57828	57837	57854					
11	20	APR 70	57877	57898	57910	57901	57886	57877	57866	57888	57924	57918					
21	30	APR 70	57879	57878	57876	57871	57876	57874	57883	57886	57907	57897	57896		2 0700	58032	8 0900 57785
1	10	MAY 70	57872	57880	57873	57894	57902	57899	57884	57891	57903	57910					
11	20	MAY 70	57922	57940	57943	57942	57929	57899	57904	57888	57907	57921					
21	31	MAY 70	57911	57914	57905	57934	57937	57911	57908	57924	57948	57939	57919	57909	12 1900	58033	22 0900 57812
1	10	JUN 70	57922	57973	57963	57936	57933	57936	57925	57928	57930	57927					
11	20	JUN 70	57933	57950	57959	57958	57949	57946	57931	57933	57928	57939					
21	30	JUN 70	57938	57957	57930	57925	57919	57945	57968	57944	57923	57897	57921		18 0900	58047	18 0600 57848
1	10	JUL 70	57936	57922	57925	57935	57934	57928	57913	57937	57965	57948					
11	20	JUL 70	57940	57940	57943	57935	57925	57922	57925	57957	57984	58010					
21	31	JUL 70	57945	57950	57958	57970	57959	57947	57943	57940	57948	57952	57952	57946	19 2000	58079	2 1700 57845
1	10	AUG 70	57947	57936	57958	57946	57945	57946	57944	57952	57965	57959					
11	20	AUG 70	57956	57941	57933	57926	57911	57919	57936	57933	57921	57924					
21	31	AUG 70	57935	57926	57931	57938	57921	57922	57923	57916	57929	57924	57938	57926	3 1500	57998	29 1300 57829
1	10	SEP 70	57921	57914	57914	57922	57929	57923	57922	57939	57914	57907					
11	20	SEP 70	57900	57906	57948	57945	57949	57944	57939	57938	57917	57924					
21	30	SEP 70	57928	57908	57924	57936	57940	57939	57943	57931	57954	57915	57945		17 1300	58004	10 0300 57845
1	10	OCT 70	57924	57914	57914	57903	57905	57910	57913	57922	57901	57898					
11	20	OCT 70	57912	57922	57926	57953	57929	57911	57891	57892	57925	57934					
21	31	OCT 70	57920	57930	57913	57924	57934	57935	57940	57931	57958	57946	57907	57910	28 2200	58012	10 0200 57848
1	10	NOV 70	57898	57935	57968	57956	57923	57896	57930	57934	57928	57929					
11	20	NOV 70	57913	57934	57962	57990	57945	57889	57903	57912	57907	57925					
21	30	NOV 70	57910	57867	57865	57869	57871	57798	57855	57933	57918	57870	57867		14 1400	58009	25 1800 57731
1	10	DEC 70	57861	57868	57874	57952	57890	57886	57883	57856	57898	57912					
11	20	DEC 70	57967	57945	57906	57905	57908	57945	57914	57884	57897	57881					
21	31	DEC 70	57902	57914	57936	57902	57886	57897	57864	57919	57900	57905	57893	57900	4 0700	58029	1 0900 57793

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7044

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT MILWAUKEE, WISCONSIN

YEARLY MEAN ELEVATION 579.05 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 579.41 JUL 1970
DAILY MEAN ELEVATION 579.71 19 JUL 1970
INSTANTANEOUS ELEVATION 580.13 1800 19 JUL 1970

MONTHLY MEAN ELEVATION 578.60 FEB 1970
DAILY MEAN ELEVATION 578.35 26 FEB 1970
INSTANTANEOUS ELEVATION 577.88 1000 26 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.12	1	JAN	1970
578.88	9	FEB	1970
578.98	3	MAR	1970
579.38	20	APR	1970
579.38	29	MAY	1970
579.51	13	JUN	1970
579.71	19	JUL	1970
579.56	9	AUG	1970
579.55	24	SEP	1970
579.66	28	OCT	1970
579.63	3	NOV	1970
579.52	11	DEC	1970

ELEV.	DAY	MONTH	YEAR
578.51	5	JAN	1970
578.35	26	FEB	1970
578.46	11	MAR	1970
578.39	8	APR	1970
578.79	2	MAY	1970
579.15	19	JUN	1970
579.22	7	JUL	1970
579.10	31	AUG	1970
579.02	11	SEP	1970
578.97	18	OCT	1970
578.45	23	NOV	1970
578.62	2	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
579.80													
579.60							3						5
579.40						6	15	8	2	2	1	2	41
579.20				2	9	22	13	21	19	16	11	3	157
579.00	2			2	13	2		2	9	8	8	12	215
578.80	5	3	3	11	8					4	5	10	264
578.60	21	12	17	8	1						3	4	330
578.40	3	9	11	6							1		360
578.20		4		1									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

DAILY WATER LEVELS
LAKE MICHIGAN AT MILWAUKEE, WISCONSIN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	ELEV.			
1	10	JAN 70	57912	57904	57886	57869	57851	57865	57876	57865	57872	57874							
11	20	JAN 70	57882	57878	57865	57878	57887	57873	57881	57877	57863	57873							
21	31	JAN 70	57874	57871	57853	57868	57861	57895	57874	57867	57879	57877	57862	57852	25 1800	57927	24 0400	57826	
1	10	FEB 70	57847	57874	57862	57847	57858	57861	57865	57888	57888	57879							
11	20	FEB 70	57877	57862	57869	57869	57870	57849	57857	57885	57855	57838							
21	28	FEB 70	57860	57838	57847	57836	57847	57861	57835	57865	57856				18 1200	57921	26 1000	57788	
1	10	MAR 70	57872	57880	57898	57887	57864	57861	57865	57865	57875	57865							
11	20	MAR 70	57846	57855	57853	57860	57864	57850	57859	57865	57863	57871							
21	31	MAR 70	57864	57858	57866	57853	57852	57865	57884	57852	57861	57867	57861	57856	20 0100	57917	19 1100	57820	
1	10	APR 70	57868	57881	57852	57857	57849	57870	57852	57839	57841	57846							
11	20	APR 70	57864	57889	57903	57889	57880	57879	57863	57879	57921	57930							
21	30	APR 70	57878	57885	57885	57881	57880	57884	57886	57892	57900	57908	57900			19 2100	57970	8 0800	57817
1	10	MAY 70	57885	57879	57886	57893	57896	57889	57894	57906	57915	57911							
11	20	MAY 70	57912	57935	57928	57925	57923	57903	57899	57895	57905	57915							
21	31	MAY 70	57910	57914	57912	57922	57932	57914	57902	57907	57936	57938	57926	57920	13 0300	57984	1 1600	57848	
1	10	JUN 70	57928	57940	57933	57929	57934	57932	57926	57925	57928	57931							
11	20	JUN 70	57935	57950	57951	57946	57943	57946	57938	57927	57915	57932							
21	30	JUN 70	57933	57940	57928	57931	57922	57932	57948	57930	57935	57919	57927			13 1900	57981	29 0500	57885
1	10	JUL 70	57932	57930	57922	57929	57927	57928	57922	57934	57942	57934							
11	20	JUL 70	57937	57942	57945	57942	57931	57923	57929	57949	57971	57968							
21	31	JUL 70	57941	57942	57953	57965	57956	57945	57945	57943	57949	57950	57949	57944	19 1800	58013	3 0700	57895	
1	10	AUG 70	57942	57936	57943	57939	57940	57940	57941	57948	57956	57955							
11	20	AUG 70	57949	57943	57936	57928	57921	57918	57924	57934	57939	57921							
21	31	AUG 70	57932	57925	57930	57927	57921	57922	57921	57925	57921	57922	57926	57910	3 1400	57972	31 1800	57890	
1	10	SEP 70	57916	57923	57931	57917	57924	57933	57932	57931	57924	57907							
11	20	SEP 70	57902	57912	57915	57934	57942	57926	57934	57934	57920	57929							
21	30	SEP 70	57927	57921	57918	57939	57955	57936	57938	57925	57938	57916	57929			23 1900	57982	12 1600	57868
1	10	OCT 70	57930	57918	57898	57901	57926	57921	57917	57931	57932	57900							
11	20	OCT 70	57915	57921	57921	57923	57908	57905	57897	57897	57921	57926							
21	31	OCT 70	57921	57922	57913	57926	57932	57931	57933	57944	57966	57943	57925	57920	28 1700	58000	10 1600	57875	
1	10	NOV 70	57903	57930	57963	57937	57911	57909	57922	57928	57938	57931							
11	20	NOV 70	57915	57924	57939	57955	57921	57899	57912	57915	57907	57918							
21	30	NOV 70	57912	57884	57872	57845	57873	57869	57899	57927	57926	57898	57899			3 0800	57986	23 0100	57817
1	10	DEC 70	57902	57862	57900	57943	57879	57869	57898	57892	57897	57906							
11	20	DEC 70	57952	57940	57905	57902	57916	57934	57906	57899	57895	57875							
21	31	DEC 70	57904	57911	57938	57910	57892	57885	57885	57907	57898	57903	57903	57906	4 0400	57988	2 2100	57845	

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7057

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT STURGEON BAY CANAL, WISCONSIN

	HIGHEST	YEARLY MEAN ELEVATION	579.00 IN 1970	LOWEST
MONTHLY MEAN ELEVATION	579.41	JUL 1970		MONTHLY MEAN ELEVATION 578.51 MAR 1970
DAILY MEAN ELEVATION	579.76	28 OCT 1970		DAILY MEAN ELEVATION 578.29 25 FEB 1970
INSTANTANEOUS ELEVATION	580.04	0300 3 NOV 1970		INSTANTANEOUS ELEVATION 577.94 1100 2 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.04	1	JAN	1970
578.70	9	FEB	1970
578.92	3	MAR	1970
579.41	20	APR	1970
579.31	29	MAY	1970
579.48	13	JUN	1970
579.66	20	JUL	1970
579.51	10	AUG	1970
579.68	24	SEP	1970
579.76	28	OCT	1970
579.74	3	NOV	1970
579.39	22	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.43	5	JAN	1970
578.29	25	FEB	1970
578.35	11	MAR	1970
578.36	10	APR	1970
578.72	2	MAY	1970
579.17	2	JUN	1970
579.24	4	JUL	1970
579.08	31	AUG	1970
579.04	11	SEP	1970
578.96	18	OCT	1970
578.32	23	NOV	1970
578.53	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.00													
579.80													
579.60							2		1	1	1		5
579.40				1		4	14	7	3	2			36
579.20					4	21	15	20	17	13	5	5	136
579.00	2				13	4		4	9	11	13	6	198
578.80	3		1	9	13					4	9	15	252
578.60	14	6	3	7	1						1	3	287
578.40	12	15	23	11								2	350
578.20		7	4	2							1		364

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

DAILY WATER LEVELS
LAKE MICHIGAN AT STURGEON BAY CANAL, WISCONSIN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME ELEV.
1	10	JAN 70	57904	57902	57893	57871	57843	57858	57882	57860	57855	57865			
11	20	JAN 70	57875	57866	57847	57864	57884	57867	57856	57862	57853	57851			
21	31	JAN 70	57866	57863	57855	57850	57861	57868	57872	57859	57872	57855	57866	57861	2 0200 57916 5 1100 57831
1	10	FEB 70	57862	57832	57848	57869	57854	57858	57861	57866	57870	57855			
11	20	FEB 70	57853	57851	57856	57852	57862	57858	57857	57848	57849	57837			
21	28	FEB 70	57851	57838	57838	57838	57840	57829	57847	57843	57845				4 1300 57891 2 1100 57794
1	10	MAR 70	57858	57867	57892	57879	57854	57859	57844	57838	57851	57847			
11	20	MAR 70	57835	57840	57842	57839	57845	57844	57842	57848	57846	57872			
21	31	MAR 70	57851	57852	57848	57843	57848	57856	57846	57848	57851	57859	57847	3 1600 57907	8 1300 57815
1	10	APR 70	57842	57847	57849	57848	57856	57855	57854	57845	57837	57836			
11	20	APR 70	57849	57868	57881	57869	57864	57874	57853	57854	57893	57941			
21	30	APR 70	57868	57886	57870	57875	57872	57886	57881	57887	57889	57895	57893	20 0800 57974	1 2000 57815
1	10	MAY 70	57885	57872	57890	57886	57882	57882	57891	57901	57914	57913			
11	20	MAY 70	57902	57913	57900	57901	57918	57899	57893	57896	57891	57907			
21	31	MAY 70	57903	57909	57897	57910	57925	57920	57897	57903	57924	57931	57924	57920	22 0600 57949 2 1100 57852
1	10	JUN 70	57920	57917	57921	57924	57925	57929	57930	57931	57931	57930			
11	20	JUN 70	57929		57948	57941	57941	57946	57937	57930	57918	57929			
21	30	JUN 70	57930	57936	57929	57932	57919	57924	57936	57927	57930	57924	57927	18 0600 57972	25 0600 57895
1	10	JUL 70	57936	57937	57935	57924	57928	57930	57926	57929	57937	57934			
11	20	JUL 70	57935	57940	57946	57944	57939	57930	57933	57944	57964	57966			
21	31	JUL 70	57941	57942	57945	57951	57952	57943	57944	57944	57944	57953	57958	57945	19 1800 57978 4 0500 57898
1	10	AUG 70	57943	57939	57935	57944	57941	57938	57939	57945	57947	57951			
11	20	AUG 70	57945	57939	57936	57931	57924	57919	57921	57937	57940	57919			
21	31	AUG 70	57932	57924	57930	57924	57924	57922	57917	57935	57923	57926	57926	57908	19 1300 57964 28 2300 57882
1	10	SEP 70	57915	57917	57933	57919	57924	57937	57936	57926	57929	57912			
11	20	SEP 70	57904	57915	57908	57931	57950	57923	57927	57927	57922	57929			
21	30	SEP 70	57927	57927	57920	57929	57968	57941	57941	57925	57937	57913	57922	24 1600 57994	10 2200 57870
1	10	OCT 70	57932	57919	57897	57899	57930	57924	57917	57926	57939	57899			
11	20	OCT 70	57904	57915	57920	57912	57906	57905	57901	57896	57921	57919			
21	31	OCT 70	57921	57924	57913	57921	57928	57928	57928	57946	57976	57949	57929	57927	28 1700 57997 10 2300 57872
1	10	NOV 70	57905	57925	57974	57933	57905	57906	57910	57915	57932	57924			
11	20	NOV 70	57910	57913	57917	57925	57907	57889	57906	57915	57897	57915			
21	30	NOV 70	57906	57885	57882	57832	57873	57885	57894	57900	57916	57898	57890	3 0300 58004	23 0600 57812
1	10	DEC 70	57918	57857	57895	57935	57878	57853	57901	57894	57888	57890			
11	20	DEC 70	57930	57925	57904	57899	57915	57914	57909	57898	57897	57871			
21	31	DEC 70	57899	57897	57939	57922	57892	57876	57884	57899	57889	57897	57898	57898	23 0100 57958 6 0200 57826

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7072

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT GREEN BAY, WISCONSIN

YEARLY MEAN ELEVATION 578.96 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.35 JUL 1970
DAILY MEAN ELEVATION 580.31 3 NOV 1970
INSTANTANEOUS ELEVATION 582.28 2400 2 NOV 1970

LOWEST

MONTHLY MEAN ELEVATION 578.53 MAR 1970
DAILY MEAN ELEVATION 577.50 22 NOV 1970
INSTANTANEOUS ELEVATION 576.24 1200 22 NOV 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
579.05	2	JAN	1970
578.79	4	FEB	1970
579.00	3	MAR	1970
579.66	19	APR	1970
579.60	29	MAY	1970
579.96	2	JUN	1970
580.02	19	JUL	1970
579.51	10	AUG	1970
579.64	24	SEP	1970
579.63	28	OCT	1970
580.31	3	NOV	1970
579.68	11	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.38	20	JAN	1970
578.30	25	FEB	1970
578.33	14	MAR	1970
578.26	8	APR	1970
578.73	2	MAY	1970
579.01	29	JUN	1970
578.98	7	JUL	1970
578.97	14	AUG	1970
578.73	29	SEP	1970
578.41	10	OCT	1970
577.50	22	NOV	1970
577.95	5	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.40													
580.20											1		1
580.00							1						2
579.80						1	1						4
579.60				1		3			1	1	3	2	15
579.40				2	6	3	7	2	3			2	40
579.20					9	10	17	12	9	5	5	1	108
579.00	2			3	5	13	4	13	13	15	2	4	182
578.80	4		1	5	8		1	2	2	5	11	9	230
578.60	9	10	6	8	3				2	4	3	6	281
578.40	14	14	21	8						1	1	4	344
578.20	2	4	3	3							2	1	359
578.00												1	360
577.80												1	361
577.60											1		362
577.40											1		363

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

DAILY WATER LEVELS
LAKE MICHIGAN AT GREEN BAY, WISCONSIN

				MONTHLY											HIGH	INSTANTANEOUS		LOW	
DAY	MONTH			MEANS											DAY TIME	ELEV.	DAY TIME	ELEV.	
1	10	JAN	70		57902	57905	57888	57865	57840	57859	57883	57852	57850	57865					
11	20	JAN	70		57876	57864	57845	57858	57890	57874	57848	57856	57851	57838					
21	31	JAN	70	57864	57860	57854	57846	57862	57854	57864	57848	57887	57857	57870	57863	28 1000	58052	29 0800	57769
1	10	FEB	70		57873	57838	57844	57879	57867	57869	57870	57866	57872	57855					
11	20	FEB	70		57849	57846	57852	57854	57864	57868	57868	57847	57848	57841					
21	28	FEB	70	57854	57844	57838	57840	57843	57830	57855	57847	57849				4 1700	58018	2 1500	57672
1	10	MAR	70		57859	57869	57900	57878	57850	57863	57842	57843	57851	57847					
11	20	MAR	70		57834	57840	57843	57833	57842	57845	57847	57856	57850	57876					
21	31	MAR	70	57853	57852	57855	57850	57847	57850	57857	57846	57844	57861	57866	57851	26 2000	57948	27 0200	57782
1	10	APR	70		57853	57857	57852	57846	57850	57868	57849	57826	57829	57843					
11	20	APR	70		57867	57912	57948	57898	57876	57872	57856	57885	57966	57949					
21	30	APR	70	57878	57877	57880	57833	57872	57887	57880	57894	57902	57902	57900		19 2000	58078	23 0400	57678
1	10	MAY	70		57877	57873	57882	57896	57913	57888	57891	57917	57940	57926					
11	20	MAY	70		57942	57939	57954	57936	57918	57891	57890	57875	57906	57923					
21	31	MAY	70	57917	57926	57908	57934	57933	57900	57893	57925	57960	57960	57949	57949	21 2100	58061	1 1900	57767
1	10	JUN	70		57970	57996	57968	57930	57935	57918	57918	57920	57911	57916					
11	20	JUN	70		57932	57966	57959	57952	57940	57937	57921	57917	57908	57930					
21	30	JUN	70	57931	57929	57920	57908	57901	57933	57948	57917	57911	57901	57927		2 0700	58051	17 2400	57828
1	10	JUL	70		57931	57921	57907	57940	57916	57910	57898	57937	57945	57927					
11	20	JUL	70		57930	57935	57933	57934	57922	57918	57930	57951	58002	57983					
21	31	JUL	70	57935	57928	57940	57949	57942	57927	57932	57933	57939	57944	57948	57942	19 2000	58144	3 0700	57848
1	10	AUG	70		57928	57919	57932	57928	57927	57929	57944			57951					
11	20	AUG	70		57931	57920	57922	57897	57904	57902	57918	57925	57935	57913					
21	31	AUG	70	57921	57909	57916	57919	57914	57912	57920	57931	57922	57918	57933	57899	30 2200	57988	31 1300	57837
1	10	SEP	70		57912	57905	57922	57918	57922	57925	57917	57928	57920	57874					
11	20	SEP	70		57892	57896	57916	57952	57953	57916	57923	57922	57911	57920					
21	30	SEP	70	57919	57912	57905	57953	57964	57934	57918	57914	57930	57873	57927		24 0300	58043	29 1200	57732
1	10	OCT	70		57904	57896	57864	57880	57912	57903	57903	57912	57905	57841					
11	20	OCT	70		57904	57912	57916	57919	57891	57878	57863	57888	57913	57917					
21	31	OCT	70	57905	57912	57896	57913	57922	57923	57925	57940	57963	57940	57905	57881	28 0800	58003	10 0900	57758
1	10	NOV	70		57877	57968	58031	57931	57884	57888	57900	57906	57925	57911					
11	20	NOV	70		57892	57933	57963	57961	57892	57856	57897	57897	57885	57882					
21	30	NOV	70	57895	57877	57750	57771	57834	57839	57900	57928	57926	57876	57883		2 2400	58220	22 1200	57624
1	10	DEC	70		57853	57816	57965	57949	57795	57839	57882	57880	57871	57902					
11	20	DEC	70		57968	57929	57881	57881	57902	57914	57896	57889	57874	57845					
21	31	DEC	70	57886	57891	57946	57910	57856	57850	57864	57885	57877	57877	57881	57885	3 2200	58105	5 2100	57687

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7078

ANNUAL SUMMARY OF LEVELS
LAKE MICHIGAN AT PORT INLAND, MICHIGAN

YEARLY MEAN ELEVATION 578.99 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 579.38 JUL 1970
DAILY MEAN ELEVATION 579.76 28 OCT 1970
INSTANTANEOUS ELEVATION 580.35 0540 24 SEP 1970

LOWEST

MONTHLY MEAN ELEVATION 578.49 MAR 1970
DAILY MEAN ELEVATION 578.22 18 FEB 1970
INSTANTANEOUS ELEVATION 577.55 0950 2 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.98	1	JAN	1970
579.02	4	FEB	1970
578.82	3	MAR	1970
579.58	20	APR	1970
579.28	25	MAY	1970
579.45	17	JUN	1970
579.59	19	JUL	1970
579.45	19	AUG	1970
579.74	24	SEP	1970
579.76	28	OCT	1970
579.43	25	NOV	1970
579.55	1	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
578.40	13	JAN	1970
578.22	18	FEB	1970
578.35	14	MAR	1970
578.30	10	APR	1970
578.76	5	MAY	1970
579.08	19	JUN	1970
579.15	5	JUL	1970
579.04	31	AUG	1970
579.04	30	SEP	1970
578.91	18	OCT	1970
578.46	23	NOV	1970
578.45	6	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
580.00													
579.80													
579.60									1	1			2
579.40				1		4	12	3	2	5	1	1	31
579.20					3	20	17	20	16	12	6	2	127
579.00		1			13	6	2	8	11	9	9		194
578.80	6		1	8	11					4	12	13	251
578.60	14	6	4	6	3						1	5	290
578.40	8	14	19	10							1	1	343
578.20	1	4	7	2									357

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMRER 7096

DAILY WATER LEVELS
LAKE MICHIGAN AT PORT INLAND, MICHIGAN

		MONTHLY											HIGH	INSTANTANEOUS		LOW		
DAY	MONTH	MEANS											DAY TIME	ELEV.	DAY TIME	ELEV.		
1	10	JAN 70	57898	57897	57896	57884	57854	57867	57880	57870	57851	57867						
11	20	JAN 70	57878	57869	57840	57854	57883	57874	57844	57858	57861	57852						
21	31	JAN 70	57869	57867	57875	57860		57881	57872	57878	57845	57871	57869	22 1123	57920	17 0955	57816	
1	10	FEB 70		57828	57853	57902	57874	57868			57868	57847						
11	20	FEB 70	57837	57843	57857	57854	57860	57868	57872	57822	57857	57856						
21	28	FEB 70	57854	57848	57852	57858	57844	57825	57869	57842	57842		4 1415	57956	2 0950	57755		
1	10	MAR 70		57853	57850	57882	57880	57852	57870	57842	57839	57845	57839					
11	20	MAR 70		57839	57841	57845	57835	57841	57847	57848	57851	57839	57861					
21	31	MAR 70	57849	57847	57846	57846	57843	57840	57838	57855	57844	57851	57871	57854	3 1705	57932	7 1535	57809
1	10	APR 70		57843	57841	57848	57849	57884	57853	57866	57873	57840	57830					
11	20	APR 70		57843		57861	57854	57858	57882	57860	57851	57879	57958					
21	30	APR 70	57869	57889	57863	57908	57876	57888		57881	57886	57890	57885	20 1110	58019	2 0610	57788	
1	10	MAY 70		57899		57891	57880	57876	57878	57893	57891	57907	57915					
11	20	MAY 70		57886	57901	57883	57891	57917	57905	57899	57914	57888	57904					
21	31	MAY 70	57902	57921	57905	57902	57917	57928	57894	57896	57913	57927	57916	57920	21 0735	57988	21 2305	57802
1	10	JUN 70		57918	57911	57915	57925	57916	57930	57932	57932	57936	57933					
11	20	JUN 70		57923	57931	57939	57932	57933	57943	57945	57928	57908	57923					
21	30	JUN 70	57929	57934	57927	57942	57916	57923	57937	57926	57936	57942	57929	18 0900	58005	24 1800	57876	
1	10	JUL 70		57938	57931	57930	57918	57915	57930	57936	57926	57926	57923					
11	20	JUL 70		57929	57935	57951	57947	57937	57928	57932	57936	57959	57935					
21	31	JUL 70	57938	57932	57938	57945	57953	57949	57948	57947	57944	57952	57956	57947	19 0800	58001	3 1400	57873
1	10	AUG 70		57935	57942	57917	57930	57935	57936	57934	57934	57937	57940					
11	20	AUG 70		57938	57935	57937	57941	57939	57926	57918	57936	57945	57916					
21	31	AUG 70	57929	57920	57939	57924	57923	57929	57914	57935	57913	57918	57921	57904	30 0823	57990	30 2255	57866
1	10	SEP 70		57910	57925	57929	57919	57912	57937	57959	57928	57929	57937					
11	20	SEP 70		57911	57934	57904	57918	57937	57914	57924	57926	57920	57932					
21	30	SEP 70	57927	57943	57923	57922	57974	57934	57932	57916	57920	57927	57904	24 0540	58035	12 2235	57839	
1	10	OCT 70		57945	57923	57898	57901	57940	57943	57930	57937	57954	57945					
11	20	OCT 70		57912	57927	57924	57899	57896	57905	57917	57891	57919	57917					
21	31	OCT 70	57925	57921	57908	57914	57923	57920	57922	57940	57976	57946	57930	57940	10 0630	58032	4 0331	57869
1	10	NOV 70		57919	57904	57938	57910	57887	57908	57903	57914	57932	57924					
11	20	NOV 70		57915	57902	57893	57897	57895	57892	57895	57923	57894	57906					
21	30	NOV 70	57905	57880	57934	57846	57882	57943	57893	57883	57900	57932	57900	25 1600	58004	23 0838	57806	
1	10	DEC 70		57955	57882	57862	57913	57902	57845	57915	57906	57894	57886					
11	20	DEC 70		57906	57912	57899	57900	57916	57916	57904	57897	57887	57870					
21	31	DEC 70	57897	57880	57926	57934	57900	57876	57888	57889	57876	57886	57897	57900	1 1355	58025	6 0240	57789

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 7096

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT POINT IROQUOIS, MICHIGAN

YEARLY MEAN ELEVATION 600.67 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 601.35 NOV 1970
DAILY MEAN ELEVATION 602.08 23 NOV 1970
INSTANTANEOUS ELEVATION 603.02 1900 5 DEC 1970

MONTHLY MEAN ELEVATION 599.76 APR 1970
DAILY MEAN ELEVATION 599.41 3 MAR 1970
INSTANTANEOUS ELEVATION 598.41 0300 23 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.57	13	JAN	1970
600.49	2	FEB	1970
600.07	7	MAR	1970
600.10	9	APR	1970
600.76	26	MAY	1970
601.05	24	JUN	1970
601.36	20	JUL	1970
601.44	3	AUG	1970
601.46	10	SEP	1970
601.53	3	OCT	1970
602.08	23	NOV	1970
601.83	2	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.91	15	JAN	1970
599.83	26	FEB	1970
599.41	3	MAR	1970
599.47	20	APR	1970
599.98	7	MAY	1970
600.58	9	JUN	1970
600.86	2	JUL	1970
601.02	27	AUG	1970
600.80	7	SEP	1970
600.63	28	OCT	1970
601.04	25	NOV	1970
600.76	31	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.20													
602.00											1		1
601.80												1	2
601.60											1	1	4
601.40								1	3	2	8	2	20
601.20							2	13	10	4	14	4	67
601.00						3	20	17	11	11	6	14	149
600.80						9	9		5	11		6	189
600.60					3	17			1	3		3	216
600.40	6	1			7	1							231
600.20	11	2			13								257
600.00	13	18	2	1	7								298
599.80	1	7	21	10	1								338
599.60			6	14									358
599.40			2	5									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

DAILY WATER LEVELS
LAKE SUPERIOR AT POINT IROQUOIS, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV, DAY TIME	LOW DAY TIME	ELEV, DAY TIME		
1	10	JAN 70	60008	60014	60016	60030	60046	60036	60035	60049	60046	60024						
11	20	JAN 70	60013	60053	60057	60023	59991	60047	60037	60040	60031	60034						
21	31	JAN 70	60025	60021	60020	60016	60005	60014	60006	60015	60003	60035	60006	60014	16 1300	60111	28 0600 59957	
1	10	FEB 70	60003	60049	60021	59984	60013	60007	60012	60008	60004	60014						
11	20	FEB 70	60019	60011	60015	60003	60011	59989	59993	60027	60007	60014						
21	28	FEB 70	60007	59999	60017	59992	60011	60005	59983	60003	59986			2	0300	60093	4 1600 59952	
1	10	MAR 70	59984	59976	59941	60001	59987	59996	60007	59993	59989	59997						
11	20	MAR 70	59998	59991	59992	59999	59995	59985	59979	59981	59980	59989						
21	31	MAR 70	59985	59984	59976	59986	59985	59980	59988	59983	59982	59966	59960	59981	6	1100	60032	3 1400 59917
1	10	APR 70	59975	59990	59978	59978	59951	59986	59954	59969	60010	59996						
11	20	APR 70	59979	59973	59973	59977	59965	59956	59984	59977	59948	59947						
21	30	APR 70	59976	59978	59965	59982	59984	59979	59985	59988	59987	59979	60000		9	1000	60044	23 0300 59841
1	10	MAY 70	60018	60016	60003	60021	60034	60012	59998	60011	60002	60022						
11	20	MAY 70	60028	60029	60036	60026	60026	60035	60035	60015	60047	60022						
21	31	MAY 70	60032	60046	60056	60048	60039	60047	60076	60062	60046	60032	60057	60062	22	1000	60108	9 0900 59966
1	10	JUN 70	60075	60081	60072	60068	60076	60068	60075	60063	60058	60065						
11	20	JUN 70	60077	60074	60074	60076	60074	60063	60068	60104	60101	60088						
21	30	JUN 70	60079	60086	60089	60074	60105	60088	60091	60091	60074	60088	60083		18	2100	60137	17 1900 60024
1	10	JUL 70	60089	60086	60095	60116	60098	60087	60094	60109	60107	60105						
11	20	JUL 70	60106	60097	60090	60099	60115	60113	60120	60113	60119	60136						
21	31	JUL 70	60108	60125	60114	60110	60109	60112	60107	60116	60120	60113	60119	60119	7	2300	60166	8 0100 60034
1	10	AUG 70	60127	60126	60144	60126	60122	60123	60120	60117	60116	60116						
11	20	AUG 70	60115	60113	60110	60105	60117	60129	60125	60106	60112	60135						
21	31	AUG 70	60119	60116	60102	60121	60118	60113	60126	60102	60128	60109	60128	60125	30	1600	60159	27 1300 60055
1	10	SEP 70	60110	60091	60106	60134	60119	60090	60080	60123	60097	60146						
11	20	SEP 70	60123	60117	60129	60118	60112	60121	60108	60110	60100	60097						
21	30	SEP 70	60116	60106	60125	60121	60110	60116	60144	60142	60133	60127	60133		10	0900	60236	21 0800 60054
1	10	OCT 70	60097	60131	60153	60133	60091	60096	60107	60100	60080	60118						
11	20	OCT 70	60108	60113	60109	60144	60136	60112	60108	60122	60095	60099						
21	31	OCT 70	60107	60112	60100	60096	60090	60097	60095	60073	60063	60108	60109	60114	3	1500	60171	28 1100 60027
1	10	NOV 70	60120	60129	60130	60146	60146	60142	60133	60124	60110	60140						
11	20	NOV 70	60123	60151	60139	60138	60133	60139	60124	60105	60122	60164						
21	30	NOV 70	60135	60150	60146	60208	60151	60104	60143	60140	60115	60125	60105		22	2200	60262	30 2300 60033
1	10	DEC 70	60093	60183	60120	60118	60167	60152	60104	60119	60141	60124						
11	20	DEC 70	60112	60112	60111	60112	60081	60096	60109	60103	60136	60132						
21	31	DEC 70	60113	60105	60079	60086	60108	60125	60100	60115	60112	60100	60080	60076	5	1900	60302	1 0900 60015

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9004

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT MARQUETTE, MICHIGAN

YEARLY MEAN ELEVATION 600.72 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 601.41 NOV 1970
DAILY MEAN ELEVATION 601.79 23 NOV 1970
INSTANTANEOUS ELEVATION 602.68 1200 6 FEB 1970

LOWEST

MONTHLY MEAN ELEVATION 599.78 APR 1970
DAILY MEAN ELEVATION 599.64 7 APR 1970
INSTANTANEOUS ELEVATION 599.11 2400 19 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.42	7	JAN	1970
600.22	2	FEB	1970
599.93	7	MAR	1970
600.09	30	APR	1970
600.75	31	MAY	1970
600.98	29	JUN	1970
601.36	19	JUL	1970
601.38	3	AUG	1970
601.33	27	SEP	1970
601.34	3	OCT	1970
601.79	23	NOV	1970
601.48	6	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.05	31	JAN	1970
599.82	28	FEB	1970
599.65	30	MAR	1970
599.64	7	APR	1970
600.10	3	MAY	1970
600.75	9	JUN	1970
600.99	2	JUL	1970
601.17	29	AUG	1970
601.04	2	SEP	1970
601.09	22	OCT	1970
601.25	30	NOV	1970
600.95	31	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.00													
601.80													
601.60											1		1
601.40											12	3	16
601.20							15	26	14	11	17	10	109
601.00							15	5	16	20		16	181
600.80						23	1					2	207
600.60						7	7						221
600.40	1					10							232
600.20	16	1				7							256
600.00	14	13		3		7							293
599.80		14	13	6									326
599.60			18	21									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

DAILY WATER LEVELS
LAKE SUPERIOR AT MARQUETTE, MICHIGAN

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.	
1	10	JAN 70	60027	60025	60026	60025	60025	60028	60042	60039	60040	60021					
11	20	JAN 70	60018	60030	60028	60021	60010	60020	60024	60022	60017	60031					
21	31	JAN 70	60021	60018	60009	60014	60007	60011	60008	60010	60015	60024	60008	60005	8 2100	60063	23 2000 59980
1	10	FEB 70	60004	60022	60016	59999	60005	60019	60008	60007	60005	60012					
11	20	FEB 70	60013	60011	60002	59994	59996	59986	59993	60010	59996	59993					
21	28	FEB 70	60001	59990	59998	59990	60003	59999	59989	59990	59982				6 1200	60268	23 0700 59939
1	10	MAR 70	59985	59982	59979	59993	59988	59990	59993	59987	59987	59984					
11	20	MAR 70	59981	59980	59983	59985	59983	59978	59977	59977	59977	59979					
21	31	MAR 70	59980	59975	59978	59976	59974	59973	59977	59976	59974	59967	59965	59973	9 2200	60006	30 0100 59950
1	10	APR 70	59973	59977	59973	59972	59968	59978	59964	59968	59973	59979					
11	20	APR 70	59971	59967	59974	59973	59966	59965	59971	59971	59967	59980					
21	30	APR 70	59978	59978	59982	59985	59986	59989	59992	59995	60001	60005	60009		30 1900	60066	19 2400 59911
1	10	MAY 70	60016	60013	60010	60018	60021	60016	60019	60018	60027	60041					
11	20	MAY 70	60039	60038	60035	60036	60042	60042	60040	60045	60048	60049					
21	31	MAY 70	60042	60060	60055	60057	60056	60062	60064	60072	60066	60064	60072	60075	20 1300	60112	8 0900 59966
1	10	JUN 70	60088	60081	60077	60076	60077	60076	60078	60081	60075	60083					
11	20	JUN 70	60091	60086	60088	60088	60088	60087	60090	60098	60095	60094					
21	30	JUN 70	60088	60094	60095	60090	60097	60095	60094	60095	60091	60098	60097		18 0500	60165	18 0300 60043
1	10	JUL 70	60103	60099	60106	60110	60105	60102	60108	60115	60113	60110					
11	20	JUL 70	60109	60110	60113	60113	60121	60121	60118	60120	60136	60131					
21	31	JUL 70	60119	60127	60127	60128	60127	60125	60127	60129	60132	60132	60133	60128	20 1100	60186	7 2200 60050
1	10	AUG 70	60134	60133	60138	60134	60131	60133	60132	60131	60128	60131					
11	20	AUG 70	60130	60130	60126	60123	60121	60128	60130	60120	60119	60124					
21	31	AUG 70	60127	60124	60121	60129	60125	60120	60124	60120	60123	60117	60126	60121	25 1600	60165	30 0500 60082
1	10	SEP 70	60114	60104	60117	60125	60120	60111	60107	60112	60111	60126					
11	20	SEP 70	60122	60117	60126	60118	60119	60118	60119	60123	60118	60116					
21	30	SEP 70	60121	60119	60126	60125	60132	60128	60132	60133	60130	60127	60129		24 0700	60195	2 1500 60066
1	10	OCT 70	60114	60122	60134	60126	60116	60110	60120	60123	60119	60115					
11	20	OCT 70	60115	60118	60123	60125	60124	60117	60115	60119	60111	60110					
21	31	OCT 70	60119	60112	60109	60111	60113	60112	60116	60117	60123	60132	60131	60130	28 2000	60161	10 0800 60087
1	10	NOV 70	60133	60146	60149	60142	60141	60140	60136	60133	60136	60137					
11	20	NOV 70	60140	60150	60154	60147	60132	60131	60134	60128	60129	60152					
21	30	NOV 70	60141	60142	60159	60179	60146	60126	60149	60140	60132	60131	60125		22 2400	60209	28 2300 60091
1	10	DEC 70	60126	60137	60148	60135	60141	60148	60121	60122	60133	60133					
11	20	DEC 70	60127	60118	60118	60128	60116	60114	60114	60110	60120	60112					
21	31	DEC 70	60121	60118	60110	60115	60117	60118	60113	60124	60119	60112	60098	60095	3 2000	60199	30 2400 60082

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9016

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT ONTONAGON, MICHIGAN

YEARLY MEAN ELEVATION 600.95 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 601.31 NOV 1970
DAILY MEAN ELEVATION 601.87 22 NOV 1970
INSTANTANEOUS ELEVATION 602.84 1200 22 NOV 1970

MONTHLY MEAN ELEVATION 600.04 FEB 1970
DAILY MEAN ELEVATION 599.94 13 FEB 1970
INSTANTANEOUS ELEVATION 599.92 1800 13 FEB 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.33	7	JAN	1970
600.15	1	FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
601.06	28	JUN	1970
601.38	29	JUL	1970
601.43	17	AUG	1970
601.35	11	SEP	1970
601.41	30	OCT	1970
601.87	22	NOV	1970
601.39	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.04	22	JAN	1970
599.94	13	FEB	1970
		MAR	1970
		APR	1970
		MAY	1970
600.70	2	JUN	1970
600.99	4	JUL	1970
601.18	31	AUG	1970
601.21	18	SEP	1970
601.10	21	OCT	1970
601.13	29	NOV	1970
600.93	31	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.00													
601.80											1		1
601.60													1
601.40								2		1	2		6
601.20							15	28	30	16	22	3	120
601.00						3	15	1		14	5	21	179
600.80						21	1					7	208
600.60						5							213
600.40													213
600.20		13											226
600.00		18	9										253
599.80			3										256

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

DAILY WATER LEVELS
LAKE SUPERIOR AT ONTONAGON, MICHIGAN

DAY	MONTH	MONTHLY MEANS												HIGH DAY TIME	INSTANTANEOUS ELEV.	LOW DAY TIME	ELEV.
1	10	JAN 70	60026	60025	60021	60020	60019	60026	60033	60032	60028	60032					
11	20	JAN 70	60031	60018	60013	60018	60026	60020	60022	60018	60017	60023					
21	31	JAN 70	60019	60010	60004	60009	60010	60012	60011	60007	60024	60011	60010	60007	7 1700	60044	23 2200 59995
1	10	FEB 70	60015	60004			60006	60007	60009		60003	60006					
11	20	FEB 70			59994	59998	59998	60002	60004								
21	28	FEB 70	60004												1 2305	60050	13 1800 59992
1	10	MAR 70															
11	20	MAR 70															
21	31	MAR 70															
1	10	APR 70															
11	20	APR 70															
21	30	APR 70															
1	10	MAY 70															
11	20	MAY 70															
21	31	MAY 70															
1	10	JUN 70		60070	60074	60075	60074	60075	60083	60083	60085	60087					
11	20	JUN 70	60096	60096	60094	60093	60092	60094	60094	60094	60089	60097					
21	30	JUN 70	60090	60094	60095	60094	60094	60101	60097	60094	60106	60098	60103		18 0100	60155	17 2200 60038
1	10	JUL 70		60103	60104	60105	60099	60103	60110	60117	60109	60112	60112				
11	20	JUL 70		60109	60116	60114	60117	60117	60122	60123	60123	60122	60116				
21	31	JUL 70	60119	60122	60125	60131	60131	60130	60134	60132	60137	60138	60132	60135	7 0100	60238	7 0200 60045
1	10	AUG 70		60132	60135	60131	60132	60129	60132	60132	60131	60130	60129				
11	20	AUG 70		60126	60127	60125	60131	60138	60142	60143	60139	60138	60132				
21	31	AUG 70	60131	60137	60136	60134	60132	60133	60130	60126	60124	60128	60123	60118	27 0650	60179	30 0825 60072
1	10	SEP 70		60122	60130	60124	60126	60129	60129	60132	60128	60131	60127				
11	20	SEP 70		60135	60131	60125	60125	60122	60121	60122	60121	60124	60127				
21	30	SEP 70	60127	60129	60126	60130	60130	60127	60123	60130	60126	60126	60124		10 0225	60200	10 0605 60069
1	10	OCT 70		60130	60122	60122	60120	60127	60123	60120	60131	60135	60110				
11	20	OCT 70		60123	60120	60122	60112	60113	60114	60114	60114	60112	60112				
21	31	OCT 70	60122	60110	60113	60116	60122	60121	60123	60132	60138	60134	60141	60134	28 1310	60193	10 1230 60061
1	10	NOV 70		60137	60141	60136	60123	60128	60129	60128	60132	60139	60130				
11	20	NOV 70		60140	60132	60136	60129	60124	60127	60132	60133	60129	60131				
21	30	NOV 70	60131	60130	60187	60146	60126	60118	60120	60120	60120	60113	60128		22 1200	60284	25 2117 60053
1	10	DEC 70		60128	60110	60139	60119	60114	60121	60119	60114	60112	60115				
11	20	DEC 70		60113	60105	60106	60114	60115	60111	60107	60105	60100	60101				
21	31	DEC 70	60109	60106	60110	60107	60093	60100	60106	60103	60095	60094	60094	60093	27 0015	60210	5 1044 60013

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9044

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT DULUTH, MINNESOTA

YEARLY MEAN ELEVATION 600.78 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 601.43 NOV 1970
DAILY MEAN ELEVATION 602.08 3 DEC 1970
INSTANTANEOUS ELEVATION 602.65 1600 3 DEC 1970

MONTHLY MEAN ELEVATION 599.88 MAR 1970
DAILY MEAN ELEVATION 599.52 8 APR 1970
INSTANTANEOUS ELEVATION 599.00 0600 23 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.47	1	JAN	1970
600.22	4	FEB	1970
600.34	3	MAR	1970
600.49	19	APR	1970
601.01	28	MAY	1970
601.28	12	JUN	1970
601.55	18	JUL	1970
601.40	8	AUG	1970
601.49	6	SEP	1970
601.69	30	OCT	1970
601.75	30	NOV	1970
602.08	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.95	16	JAN	1970
599.73	20	FEB	1970
599.67	27	MAR	1970
599.52	8	APR	1970
600.09	1	MAY	1970
600.80	6	JUN	1970
600.94	4	JUL	1970
601.13	20	AUG	1970
600.95	10	SEP	1970
600.92	3	OCT	1970
601.05	23	NOV	1970
600.88	5	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.20													
602.00												1	1
601.80													1
601.60										1	2		4
601.40							10		1	8	16	4	43
601.20						3	8	23	21	15	10	14	137
601.00					1	14	11	8	7	5	2	10	195
600.80					7	12	2		1	2		2	221
600.60					7	1							229
600.40	2			2	9								242
600.20	8	1	2	3	5								261
600.00	19	10	1	8	2								301
599.80	2	15	21	8									347
599.60		2	7	7									363
599.40				2									365

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9064

DAILY WATER LEVELS
LAKE SUPERIOR AT DULUTH, MINNESOTA

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	60047	60043	60028	60020	60013	60023	60020	60002	60022	60035						
11	20	JAN 70	60026	60007	60017	60034	60033	59995	60006	60002	60005	60006						
21	31	JAN 70	60017	60008	60009	60014	60020	60019	60017	60014	60027	60012	60008	59997	1 1100	60060	16 2000	59977
1	10	FEB 70	60010	59988	59992	60022	60002	60012	60014	60018	59998	60007						
11	20	FEB 70	60008	60003	59989	59996	59994	60004	60010	59988	59991	59973						
21	28	FEB 70	59997	59985	59980	59985	59989	59991	59999	59989	59995				4 1300	60042	21 2400	59955
1	10	MAR 70	59997	60022	60034	59979	60005	59977	59993	59990	59993	59989						
11	20	MAR 70	59982	59981	59980	59983	59982	59982	59987	59989	59992	59985						
21	31	MAR 70	59988	59982	59992	59985	59986	59991	59983	59967	59978	59998	59974	3 0900	60051	27 1100	59944	
1	10	APR 70	59980	59977	59972	59974	59994	59981	59996	59952	59958	59977						
11	20	APR 70	59996	60017	60010	59993	60012	59990	59974	60008	60049	60011						
21	30	APR 70	59998	59995	60024	59971	60000	60006	60008	60024	60041	60031	60015	20 0300	60097	23 0600	59900	
1	10	MAY 70	60009	60025	60021	60019	60022	60040	60039	60062	60083	60070						
11	20	MAY 70	60071	60058	60058	60073	60054	60044	60056	60054	60055	60089						
21	31	MAY 70	60059	60068	60068	60074	60083	60043	60055	60083	60101	60092	60084	60088	28 2200	60123	1 1800	59963
1	10	JUN 70	60081	60084	60086	60084	60085	60080	60089	60095	60098	60103						
11	20	JUN 70	60116	60128	60121	60105	60105	60107	60103	60085	60101	60107						
21	30	JUN 70	60101	60099	60106	60105	60096	60119	60105	60105	60123	60098	60119	28 1200	60158	18 0800	60040	
1	10	JUL 70	60104	60105	60098	60094	60105	60113	60109	60107	60116	60117						
11	20	JUL 70	60117	60124	60124	60126	60110	60117	60123	60155	60145	60131						
21	31	JUL 70	60126	60135	60145	60147	60148	60143	60142	60137	60144	60150	60142	60134	18 1600	60192	7 2200	60071
1	10	AUG 70	60130	60123	60129	60136	60132	60135	60139	60140	60138	60137						
11	20	AUG 70	60135	60133	60130	60134	60120	60114	60139	60138	60121	60113						
21	31	AUG 70	60128	60132	60118	60120	60121	60122	60128	60128	60118	60138	60114	60118	17 1500	60170	15 2100	60080
1	10	SEP 70	60127	60139	60124	60124	60138	60149	60138	60129	60135	60095						
11	20	SEP 70	60133	60113	60121	60132	60134	60120	60123	60122	60130	60132						
21	30	SEP 70	60126	60119	60109	60135	60140	60129	60107	60118	60121	60111	60128	24 0900	60176	10 0700	60053	
1	10	OCT 70	60129	60096	60092	60127	60135	60133	60122	60134	60148	60101						
11	20	OCT 70	60139	60128	60121	60107	60110	60117	60119	60126	60126	60129						
21	31	OCT 70	60131	60127	60134	60134	60143	60147	60142	60155	60149	60153	60169	60159	30 1200	60192	10 0600	60053
1	10	NOV 70	60160	60166	60160	60124	60135	60138	60138	60147	60153	60138						
11	20	NOV 70	60154	60150	60157	60141	60129	60136	60157	60145	60143	60119						
21	30	NOV 70	60143	60155	60121	60105	60141	60144	60137	60145	60156	60128	60175	30 1800	60222	22 1500	60068	
1	10	DEC 70	60134	60109	60208	60144	60088	60130	60142	60140	60113	60134						
11	20	DEC 70	60140	60128	60120	60123	60143	60129	60134	60122	60109	60109						
21	31	DEC 70	60126	60136	60143	60118	60098	60103	60121	60117	60118	60116	60125	60122	3 1600	60265	1 2200	60019

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9064

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT TWO HARRORS, MINNESOTA

YEARLY MEAN ELEVATION 600.75 IN 1970

HIGHEST

LOWEST

MONTHLY MEAN ELEVATION 601.42 NOV 1970
DAILY MEAN ELEVATION 601.81 3 DEC 1970
INSTANTANEOUS ELEVATION 602.19 1600 3 DEC 1970

MONTHLY MEAN ELEVATION 599.85 MAR 1970
DAILY MEAN ELEVATION 599.55 9 APR 1970
INSTANTANEOUS ELEVATION 599.08 0500 23 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.43	1	JAN	1970
600.18	4	FEB	1970
600.19	2	MAR	1970
600.24	28	APR	1970
600.88	28	MAY	1970
601.19	28	JUN	1970
601.47	29	JUL	1970
601.34	10	AUG	1970
601.43	6	SEP	1970
601.65	30	OCT	1970
601.67	30	NOV	1970
601.81	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.95	16	JAN	1970
599.74	20	FEB	1970
599.66	27	MAR	1970
599.55	9	APR	1970
600.02	1	MAY	1970
600.76	1	JUN	1970
600.93	4	JUL	1970
601.13	30	AUG	1970
600.99	10	SEP	1970
600.96	3	OCT	1970
601.11	23	NOV	1970
600.92	5	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
602.00													
601.80												1	1
601.60										1	1		3
601.40							5		1	6	16	3	34
601.20							12	23	19	16	11	15	130
601.00						13	12	8	9	7	2	11	192
600.80						3	14	2	1	1		1	214
600.60						7	3						224
600.40						14							239
600.20													250
600.00													293
599.80	21	10	3										340
599.60	2	16	15	14									363
599.40		2	13	8									365
				2									

INTERNATIONAL GREAT LAKES DATUM [1955]

STATION NUMBER 9070

DAILY WATER LEVELS
LAKE SUPERIOR AT TWO HARRORS, MINNESOTA

DAY	MONTH	MONTHLY MEANS													HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.
1	10	JAN 70	60043	60039	60027	60020	60015	60022	60016	60003	60019	60032						
11	20	JAN 70	60073	60006	60016	60031	60029	59995	60005	60001	60004	60003						
21	31	JAN 70	60015	60007	60005	60012	60016	60013	60014	60013	60020	60010	60006	59997	1 1000	60053	16 1900	59973
1	10	FEB 70	60004	59987	59993	60018	60003	60010	60011	60011	59996	60008						
11	20	FEB 70	60001	60000	59987	59998	59988	60005	60006	59984	59987	59974						
21	28	FEB 70	59995	59983	59980	59986	59986	59983	59996	59985	59993				4 0400	60047	21 2200	59942
1	10	MAR 70	59994	60019	60017	59978	60002	59977	59980	59986	59990	59986						
11	20	MAR 70	59980	59980	59980	59983	59980	59981	59985	59985	59989	59979						
21	31	MAR 70	59985	59984	59989	59983	59982	59987	59980	59966	59976	59992	59978	59971	2 2100	60051	27 1200	59947
1	10	APR 70	59976	59973	59970	59972	59989	59976	59990	59959	59955	59971						
11	20	APR 70	59982	59995	59992	59981	59997	59987	59972	59993	60023	60000						
21	30	APR 70	59989	59989	60011	59971	59995	60000	59998	60014	60024	60020	60008		20 0200	60073	23 0500	59908
1	10	MAY 70	60002	60020	60019	60014	60016	60032	60034	60045	60061	60053						
11	20	MAY 70	60055	60048	60046	60059	60049	60041	60052	60051	60048	60077						
21	31	MAY 70	60052	60059	60061	60068	60075	60045	60056	60077	60088	60086	60078	60082	28 2100	60109	1 1800	59962
1	10	JUN 70	60076	60079	60083	60082	60082	60079	60085	60092	60095	60096						
11	20	JUN 70	60105	60112	60109	60100	60102	60104	60098	60089	60099	60104						
21	30	JUN 70	60097	60098	60103	60103	60095	60112	60101	60102	60119	60096	60114		28 1100	60140	18 0700	60058
1	10	JUL 70	60102	60104	60098	60093	60104	60110	60107	60106	60113	60114						
11	20	JUL 70	60115	60121	60122	60122	60111	60117	60120	60141	60133	60126						
21	31	JUL 70	60123	60132	60139	60144	60144	60139	60140	60135	60141	60147	60140	60132	18 1600	60175	8 1300	60070
1	10	AUG 70	60128	60123	60126	60133	60128	60130	60134	60134	60134	60134						
11	20	AUG 70	60133	60132	60127	60132	60121	60114	60132	60133	60119	60113						
21	31	AUG 70	60126	60128	60120	60118	60121	60122	60123	60126	60115	60130	60113	60115	17 1600	60155	30 0900	60091
1	10	SEP 70	60123	60135	60123	60123	60135	60143	60136	60127	60135	60099						
11	20	SEP 70	60129	60116	60119	60126	60128	60118	60121	60120	60126	60128						
21	30	SEP 70	60124	60122	60110	60129	60130	60126	60107	60117	60119	60111	60124		24 0800	60172	18 0500	60058
1	10	OCT 70	60128	60101	60096	60122	60133	60131	60121	60131	60148	60105						
11	20	OCT 70	60136	60127	60120	60108	60110	60117	60118	60122	60124	60125						
21	31	OCT 70	60129	60122	60130	60130	60138	60141	60138	60151	60147	60149	60165	60156	9 1500	60180	10 0500	60067
1	10	NOV 70	60158	60160	60153	60124	60136	60137	60139	60144	60151	60138						
11	20	NOV 70	60151	60147	60151	60139	60131	60135	60153	60145	60141	60120						
21	30	NOV 70	60142	60152	60131	60111	60141	60147	60136	60144	60154	60129	60167		22 0100	60203	22 1800	60085
1	10	DEC 70	60133	60111	60181	60143	60092	60130	60140	60138	60115	60132						
11	20	DEC 70	60138	60129	60122	60125	60141	60128	60132	60122	60109	60108						
21	31	DEC 70	60125	60133	60142	60119	60102	60104	60121	60114	60116	60123	60120		3 1600	60219	5 1100	60037

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9070

ANNUAL SUMMARY OF LEVELS
LAKE SUPERIOR AT GRAND MARAIS, MINNESOTA

YEARLY MEAN ELEVATION 600.68 IN 1970

HIGHEST

MONTHLY MEAN ELEVATION 601.37 NOV 1970
DAILY MEAN ELEVATION 601.53 30 NOV 1970
INSTANTANEOUS ELEVATION 601.91 0300 22 NOV 1970

LOWEST

MONTHLY MEAN ELEVATION 599.79 MAR 1970
DAILY MEAN ELEVATION 599.56 9 APR 1970
INSTANTANEOUS ELEVATION 599.27 0100 9 APR 1970

HIGHEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
600.33	1	JAN	1970
600.10	4	FEB	1970
600.02	3	MAR	1970
600.08	30	APR	1970
600.72	29	MAY	1970
601.00	30	JUN	1970
601.33	29	JUL	1970
601.23	18	AUG	1970
601.32	6	SEP	1970
601.51	30	OCT	1970
601.53	30	NOV	1970
601.50	3	DEC	1970

LOWEST DAILY MEAN
FOR EACH MONTH

ELEV.	DAY	MONTH	YEAR
599.99	16	JAN	1970
599.80	27	FEB	1970
599.69	27	MAR	1970
599.56	9	APR	1970
600.01	1	MAY	1970
600.69	1	JUN	1970
600.90	4	JUL	1970
601.04	30	AUG	1970
600.99	10	SEP	1970
601.00	3	OCT	1970
601.21	20	NOV	1970
601.00	25	DEC	1970

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	1970
601.60													
601.40										3	11	1	15
601.20							11	12	5	11	19	15	88
601.00							14	19	24	16		14	175
600.80						22	6		1	1		1	206
600.60					6	8							220
600.40					11								231
600.20					9								248
600.00	8				5								283
599.80	21	5	1	3									320
599.60	1	21	7	8									363
599.40		2	23	10									364
				1									

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9090

DAILY WATER LEVELS

LAKE SUPERIOR AT GRAND MARAIS, MINNESOTA

DAY	MONTH	MONTHLY MEANS											HIGH DAY TIME	INSTANTANEOUS ELEV. DAY TIME	LOW DAY TIME	ELEV.		
1	10	JAN 70	60033	60031	60025	60021	60017	60020	60014	60006	60014	60023						
11	20	JAN 70	60022	60005	60007	60021	60025	59999	60005	60002	60006	60003						
21	31	JAN 70	60012	60005	60003	60006	60008	60005	60008	60005	60013	60004	60005	14	2100	60040	16 2000 59981	
1	10	FEB 70	60000	59989	59995	60010	60001	60004	60003	60003	59998	59998						
11	20	FEB 70	59995	59994	59987	59995	59986	60000	60000	59983	59988	59981						
21	28	FEB 70	59992	59987	59981	59991	59980	59982	59986	59980	59986		17	1700	60031	24 2100 59950		
1	10	MAR 70	59985	59995	60002	59979	59992	59977	59976	59981	59982	59979						
11	20	MAR 70	59975	59976	59976	59975	59974	59977	59978	59978	59979	59973						
21	31	MAR 70	59979	59977	59981	59975	59975	59979	59974	59969	59972	59981	59977	59970	3	1300	60022	20 2100 59948
1	10	APR 70	59971	59966	59968	59968	59980	59969	59980	59969	59956	59964						
11	20	APR 70	59970	59974	59973	59969	59979	59979	59969	59975	59988	59989						
21	30	APR 70	59980	59985	59996	59977	59989	59993	59991	59996	60007	60008	60008	30	0700	60047	9 0100 59927	
1	10	MAY 70	60001	60014	60013	60011	60012	60022	60022	60024	60037	60034						
11	20	MAY 70	60038	60032	60035	60043	60042	60039	60046	60046	60042	60055						
21	31	MAY 70	60042	60053	60053	60058	60064	60053	60056	60067	60070	60072	60069	60071	29	2000	60096	7 0900 59949
1	10	JUN 70	60069	60070	60074	60074	60074	60075	60074	60079	60083	60083						
11	20	JUN 70	60089	60088	60089	60088	60088	60090	60089	60086	60091	60094						
21	30	JUN 70	60086	60094	60093	60095	60086	60096	60091	60088	60098	60092	60100	28	2200	60118	17 0200 60056	
1	10	JUL 70	60095	60094	60094	60090	60099	60102	60098	60101	60104	60104						
11	20	JUL 70	60103	60108	60110	60111	60106	60116	60110	60120	60118	60117						
21	31	JUL 70	60113	60122	60126	60127	60129	60126	60126	60125	60126	60133	60126	60126	29	1400	60154	8 0500 60068
1	10	AUG 70	60122	60121	60120	60123	60120	60122	60123	60122	60122	60122						
11	20	AUG 70	60121	60122	60118	60122	60119	60114	60119	60123	60112	60109						
21	31	AUG 70	60117	60119	60114	60112	60113	60115	60111	60113	60106	60116	60104	60110	27	1300	60152	27 0200 60083
1	10	SEP 70	60116	60127	60118	60116	60123	60132	60130	60118	60128	60099						
11	20	SEP 70	60115	60115	60111	60113	60113	60110	60112	60112	60117	60119						
21	30	SEP 70	60116	60120	60114	60117	60118	60116	60110	60114	60114	60112	60116	20	2400	60168	10 0400 60063	
1	10	OCT 70	60122	60104	60100	60113	60120	60122	60114	60122	60132	60111						
11	20	OCT 70	60123	60121	60116	60107	60108	60115	60113	60113	60116	60115						
21	31	OCT 70	60121	60111	60118	60119	60126	60127	60128	60141	60140	60139	60151	60146	28	0800	60181	28 1300 60070
1	10	NOV 70	60149	60146	60141	60131	60136	60134	60136	60138	60142	60138						
11	20	NOV 70	60141	60136	60138	60132	60132	60129	60143	60143	60136	60121						
21	30	NOV 70	60137	60142	60134	60122	60138	60143	60133	60137	60143	60128	60153	22	0300	60191	22 1500 60073	
1	10	DEC 70	60139	60113	60150	60135	60108	60126	60135	60129	60120	60127						
11	20	DEC 70	60126	60126	60123	60123	60135	60123	60122	60120	60113	60106						
21	31	DEC 70	60121	60121	60131	60119	60112	60100	60117	60107	60108	60110	60117	60112	3	0800	60190	20 0800 60070

INTERNATIONAL GREAT LAKES DATUM (1955)

STATION NUMBER 9090