

GB  
1627  
.G8  
A56  
1988



Scientific Excellence • Resource Protection & Conservation • Benefits for Canadians  
Excellence scientifique • Protection et conservation des ressources • Bénéfices aux Canadiens

**1988**

**ANNUAL SUMMARIES**

**SOMMAIRE ANNUEL**

**AND**

**ET**

**HISTORICAL EXTREMES**

**EXTREMES HISTORIQUES**

**WATER LEVEL STATIONS**

**STATIONS LIMNIMETRIQUES**

DFD - Library / MPD - Bibliothèque  
12071651



Fisheries  
and Oceans

Pêches  
et Océans

**Canada**

Marine Environmental Data Service  
Department of Fisheries and Oceans  
1202 - 200 Kent Street  
OTTAWA, Ontario, CANADA  
K1A 0E6

Direction, Service des données  
sur le milieu marin  
Ministère des Pêches et des Océans  
1202 - 200 rue Kent  
OTTAWA (Ontario) CANADA  
K1A 0E6

**MEDS**  
**MEDS**  
**MEDS**  
**MEDS**  
**SDMM**  
**SDMM**  
**SDMM**  
**SDMM**



**1988**

**ANNUAL SUMMARIES**

**SOMMAIRE ANNUEL**

**AND**

**ET**

**HISTORICAL EXTREMES**

**EXTREMES HISTORIQUES**

**WATER LEVEL STATIONS**

**STATIONS LIMNIMETRIQUES**

Fisheries & Oceans Canada  
Ottawa Library

MAY 01 2008

Pêches et Océans Canada  
Ottawa Bibliothèque



Fisheries  
and Oceans

Pêches  
et Océans

Canada

## INTRODUCTION

The water levels presented in this report have been derived from records obtained at the permanent gauge stations during 1988 by the Water Resources Branch, Environment Canada, for the Canadian Hydrographic Service, Fisheries and Oceans Canada (DFO). The Marine Environmental Data Services Branch (MEDS) DFO, processes these data and has prepared this annual report.

The gauge stations are marked on the accompanying maps, identified by their station numbers. In the report they are presented by geographic sequence from Thunder Bay (10050) to Lake Saint-Pierre (15975). The indexes list for each station, the number, name, geographic coordinates, and the elevation relative to the International Great Lakes Datum (1955). This datum is the mean sea level based on the mean water level at Pointe-au-Père, Québec, between 1941 and 1956. All times quoted are for the Standard Time zone in which the gauge is located. In accordance with the policy of the Federal Government, all units are metric for this report.

Two types of summaries are presented for each station: an annual summary and an historical water level extremes report. Due to the control of water levels initiated in the St. Lawrence river near the end of 1959 and in order to better represent present base-line conditions, the water levels prior to 1960 for the gauges from Brockville (14400) up to Montreal Jetty No. 1 (15520) were excluded during the generation of the extremes report.

Les niveaux d'eau dans ce rapport proviennent de données recueillies aux stations permanentes en 1988 par la Direction des ressources en eau, Environnement Canada, pour le compte du Service hydrographique, Pêches et Océans (DFO). La Direction des services des données sur le milieu marin (SDMM) DFO, effectue le traitement des données et a préparé ce rapport annuel.

Les emplacements des limnimètres sont indiqués sur les cartes ci-incluses et identifiés par leur numéro. Ils sont présentés dans le rapport en ordre géographique de Thunder Bay (10050) au Lac Saint-Pierre (15975). L'index donne pour chacune des stations, le numéro, le nom, les coordonnées géographiques, et l'élévation en fonction du Repère international des Grands Lacs (1955). Le zéro de ce Repère est le niveau moyen de la mer, calculé à partir du niveau de l'eau à Pointe-au-Père, Québec, entre 1941 et 1956. Toutes les heures indiquées sont par rapport à l'heure normale du fuseau où se trouve la station. En conformité avec la politique du gouvernement fédéral, ce rapport utilise le système métrique.

Deux genres de sommaires sont présentés pour chaque station: un sommaire annuel et un rapport des niveaux d'eau extrêmes historiques. Dû au régime des niveaux d'eau effectuée dans le fleuve Saint-Laurent vers la fin de 1959 et pour donner une meilleure représentation des conditions de base, les niveaux d'eau enregistrés antérieurement à l'année 1960 pour les limnimètres de Brockville (14400) jusqu'à Montréal Jetée No. 1 (15520) furent exclus pendant la génération du rapport des extrêmes historiques.



Many water level gauges record in digital format at 15-minute sampling intervals while other gauges record in analogue form on a continuous strip chart which is then digitized to hourly intervals. Hourly levels and the monthly instantaneous extreme level are taken directly from the digital readings without averaging or interpolation. For chart records, the monthly instantaneous extreme level is taken directly from the chart.

Daily and monthly means are calculated from the hourly levels. The daily mean is not computed if the number of observations is less than 16 per day. The monthly mean is also computed from the hourly levels in each month, but only for months with at least 20 days of data. The yearly mean is computed from all the daily means available in each year, provided that the number of days is at least equal to 180.

Water level data for entire periods of record are kept in archives by the Marine Environmental Data Services Branch, DFO. These data, as well as a variety of associated data reports, are available at MEDS on request.

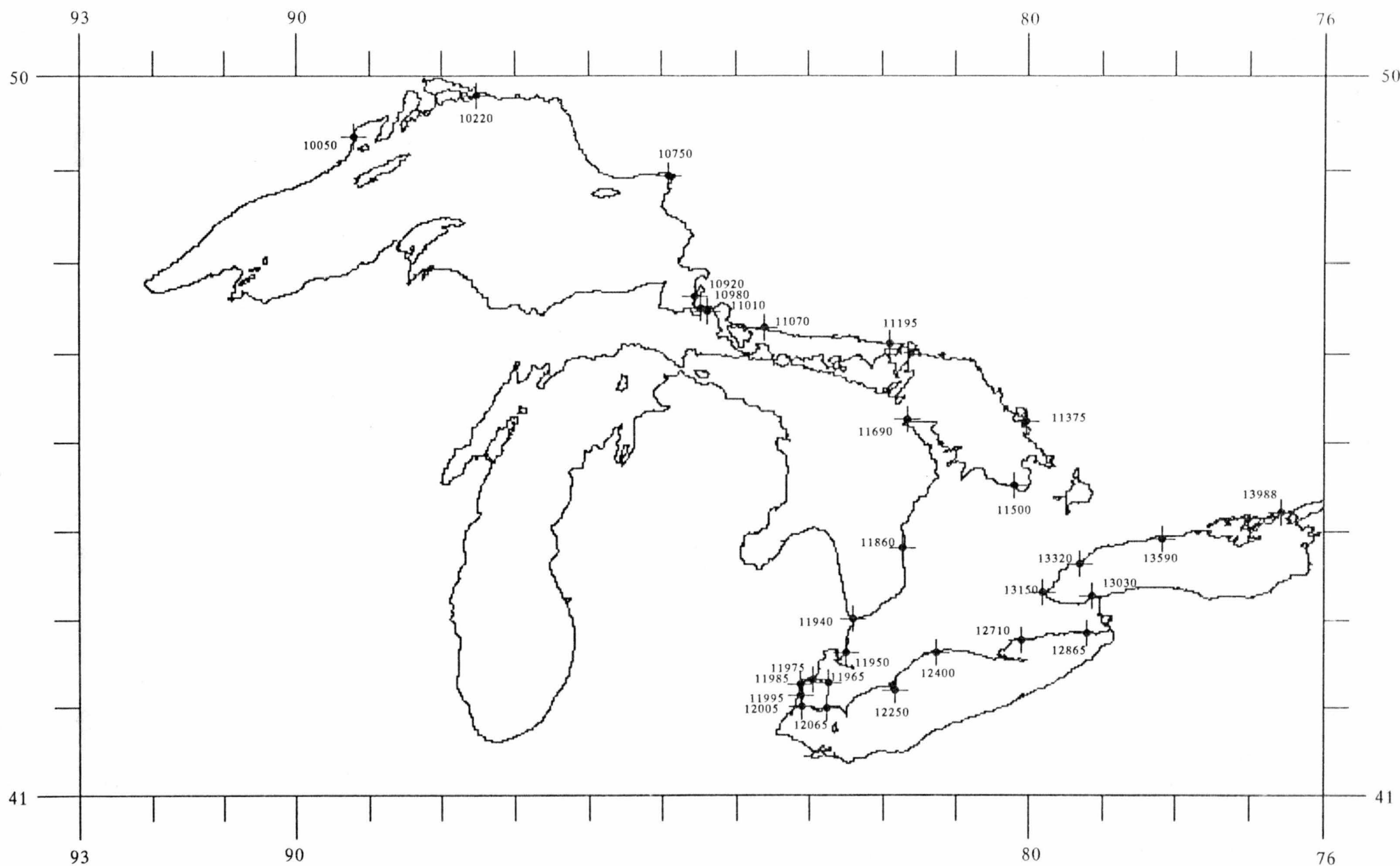
Plusieurs des limnimètres enregistrent sous format numériques à intervalle de quinze minutes tandis que d'autres limnimètres enregistrent une trace analogique sur bande continue qui est ensuite numérisée en intervalle horaire. Les relevées horaires et l'extrême instantanée mensuel sont obtenus directement à partir des données numériques, sans pondération ni interpolation. Pour les trace analogiques, l'extrême instantanée mensuel est obtenu directement de la bande continue enregistrée.

Les moyennes journalières et les moyennes mensuelles sont calculées à partir des lectures horaires. La moyenne journalière n'est pas calculée si le nombre d'observations est moins de 16 par jour. La moyenne mensuelle est aussi calculée à partir des relevés horaires du mois, à condition qu'il y est eu au moins 20 jours d'observations. La moyenne annuelle est déterminée à l'aide de toutes les moyennes journalières de l'année en question, à condition que le nombre de jours soit au moins égal à 180.

Les données des niveaux d'eau pour la période d'enregistrement entière sont retenues en archives par la Direction des services des données sur le milieu marin, DFO. Ces données, ainsi qu'une variété de rapports connexes, sont disponibles sur demande au SDMM.

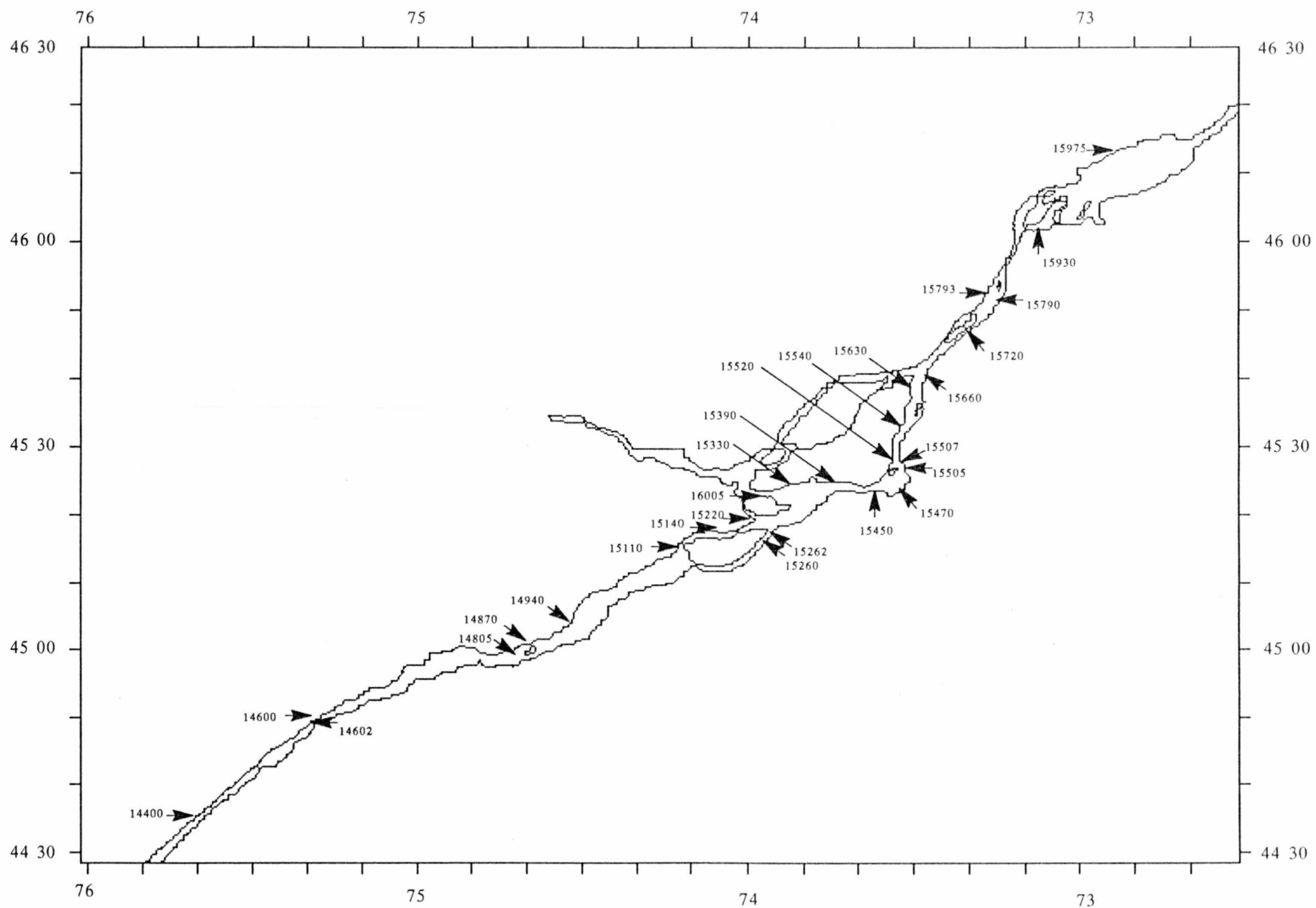
**MAPS OF GAUGE LOCATIONS**

**CARTES DES EMPLACEMENTS DES LIMNIMETRES**



GREAT LAKES GAUGE LOCATIONS

EMPLACEMENTS DES LIMNIMETRES DANS LES GRANDS LACS



ST. LAWRENCE GAUGE LOCATIONS

EMPLACEMENTS DES LIMNIMETRES SUR LE FLEUVE ST-LAURENT

## **INDEX OF GAUGE LOCATIONS**

## **INDEX DES EMPLACEMENTS DES LIMNIMETRES**

## GREAT LAKES /INDEX/ DES GRANDS LACS

| NO.   | STATION NAME/NOM              | LATITUDE | LONGITUDE | IGLD/RIGL |
|-------|-------------------------------|----------|-----------|-----------|
| 10050 | THUNDER BAY                   | 48 24.57 | 89 13.02  | 182.880   |
| 10220 | ROSSPORT                      | 48 50.03 | 87 31.17  | 182.880   |
| 10750 | MICHIPICOTEN HARBOUR          | 47 57.73 | 84 54.03  | 182.880   |
| 10920 | GROS CAP                      | 46 31.76 | 84 35.13  | 182.880   |
| 10980 | SAULT SAINT MARIE ABOVE/AMONT | 46 30.82 | 84 22.33  | 182.819   |
| 11010 | SAULT SAINT MARIE BELOW/AVAL  | 46 30.78 | 84 20.68  | 176.022   |
| 11070 | THESSALON                     | 46 15.18 | 83 33.11  | 175.809   |
| 11195 | LITTLE CURRENT                | 45 58.88 | 81 55.69  | 175.809   |
| 11375 | PARRY SOUND                   | 45 20.30 | 80 02.15  | 175.809   |
| 11500 | COLLINGWOOD                   | 44 30.28 | 80 13.04  | 175.809   |
| 11690 | TOBERMORY                     | 45 15.52 | 81 39.95  | 175.809   |
| 11860 | GODERICH                      | 43 44.75 | 81 43.73  | 175.809   |
| 11940 | POINT EDWARD                  | 42 59.45 | 82 25.29  | 175.571   |
| 11950 | PORT LAMBTON                  | 42 39.55 | 82 30.42  | 174.650   |
| 11965 | BELLE RIVER                   | 42 17.81 | 82 42.61  | 174.254   |
| 11975 | TECUMSEH                      | 42 20.36 | 82 55.40  | 174.099   |
| 11985 | LA SALLE                      | 42 14.50 | 83 06.31  | 173.739   |
| 11995 | AMHERSTBURG                   | 42 08.66 | 83 06.87  | 173.739   |
| 12005 | BAR POINT                     | 42 03.00 | 83 06.66  | 173.309   |
| 12065 | KINGSVILLE                    | 42 01.60 | 82 44.09  | 173.309   |
| 12250 | ERIEAU                        | 42 15.62 | 81 54.87  | 173.309   |
| 12400 | PORT STANLEY                  | 42 39.54 | 81 12.80  | 173.309   |
| 12710 | PORT DOVER                    | 42 46.85 | 80 12.10  | 173.309   |
| 12865 | PORT COLBORNE                 | 42 52.44 | 79 15.20  | 173.309   |
| 13030 | PORT WELLER                   | 43 14.20 | 79 13.20  | 74.005    |
| 13150 | BURLINGTON                    | 43 20.32 | 79 46.16  | 74.005    |
| 13320 | TORONTO                       | 43 38.38 | 79 22.83  | 74.005    |
| 13590 | COBOURG                       | 43 57.47 | 78 09.90  | 74.005    |
| 13988 | KINGSTON                      | 44 13.05 | 76 31.05  | 74.005    |

## ST. LAWRENCE RIVER /INDEX/ RIVIERE ST-LAURENT

| NO.   | STATION NAME/NOM              | LATITUDE | LONGITUDE | IGLD/RIGL |
|-------|-------------------------------|----------|-----------|-----------|
| 14400 | BROCKVILLE                    | 44 35.21 | 75 40.95  | 73.000    |
| 14600 | IROQUOIS ABOVE/AMONT          | 44 49.34 | 75 19.24  | 73.122    |
| 14602 | IROQUOIS BELOW/AVAL           | 44 50.20 | 75 18.61  | 73.061    |
| 14805 | LONG SAULT DAM                | 44 59.40 | 74 52.20  | 72.390    |
| 14870 | CORNWALL                      | 45 00.92 | 74 42.64  | 46.330    |
| 14940 | SUMMERSTOWN                   | 45 03.58 | 74 33.21  | 46.147    |
| 15110 | COTEAU-LANDING                | 45 15.19 | 74 12.68  | 45.933    |
| 15140 | COTEAU-DU-LAC                 | 45 17.79 | 74 10.00  | 39.929    |
| 15260 | BEAUHARNOIS ABOVE/AMONT       | 45 17.98 | 73 55.83  | 44.592    |
| 15262 | BEAUHARNOIS BELOW/AVAL        | 45 19.22 | 73 54.96  | 20.668    |
| 15220 | POINTE-DES-CASCADES           | 45 20.13 | 73 57.28  | 20.668    |
| 16005 | SAINTE-ANNE-DE-BELLEVUE       | 45 24.34 | 73 57.42  | 21.245    |
| 15330 | POINTE-CLAIRE                 | 45 25.71 | 73 49.30  | 20.269    |
| 15390 | LACHINE                       | 45 25.87 | 73 40.26  | 20.269    |
| 15450 | COTE-STE-CATHERINE            | 45 24.50 | 73 34.48  | 20.208    |
| 15470 | LA PRAIRIE                    | 45 27.90 | 73 30.90  | 9.449     |
| 15505 | SAINT-LAMBERT ABOVE/AMONT     | 45 29.14 | 73 30.92  | 10.577    |
| 15507 | SAINT-LAMBERT BELOW/AVAL      | 45 30.23 | 73 31.27  | 5.300     |
| 15520 | MONTREAL JETTY/JETEE NO 1     | 45 30.29 | 73 33.08  | 5.486     |
| 15540 | MONTREAL STREET/RUE FRONTENAC | 45 31.71 | 73 32.56  | 5.273     |
| 15630 | POINTE AUX TREMBLES           | 45 37.94 | 73 29.46  | 4.968     |
| 15660 | VARENNES                      | 45 41.08 | 73 26.64  | 4.785     |
| 15720 | VERCHERES                     | 45 46.74 | 73 21.45  | 4.389     |
| 15790 | CONTRECOEUR                   | 45 51.49 | 73 14.42  | 4.237     |
| 15793 | LAVALTRIE                     | 45 53.00 | 73 16.42  | 4.176     |
| 15930 | SOREL                         | 46 02.82 | 73 06.96  | 3.719     |
| 15975 | LAKE/LAC SAINT-PIERRE         | 46 11.67 | 72 53.77  | 3.383     |

**ANNUAL SUMMARIES AND HISTORICAL EXTREMES**

**SOMMAIRES ANNUELS ET EXTREMES HISTORIQUES**



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 10050 THUNDER BAY ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 182.926 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                      |  | MINIMUM                    |
|---------------------------------------|------------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 183.074 IN/LE 11 MONTH/MOIS  |  | 182.775 IN/LE 3 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 183.14 ON/LE 16 11           |  | 182.75 ON/LE 13 3          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 183.26 AT/A 1915 ON/LE 22 12 |  | 182.63 AT/A 115 ON/LE 13 5 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE<br>MAXIMUM<br>DY/JR | MINIMUM<br>DY/JR | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE<br>MAXIMUM<br>TM/HR DY/JR | MINIMUM<br>TM/HR DY/JR |
|---------------|-----------------|-------------------------------------------------|------------------|-----------------------------------------------------------------|------------------------|
| JAN           | 182.885         | 182.95 2                                        | 182.83 20        | 183.01 1445 16                                                  | 182.75 1445 12         |
| FEB/FEV       | 182.815         | 182.85 2                                        | 182.77 20        | 182.93 45 7                                                     | 182.64 2345 19         |
| MAR           | 182.775         | 182.82 25                                       | 182.75 13        | 182.92 315 25                                                   | 182.66 1945 12         |
| APR/AVR       | 182.807         | 182.85 16                                       | 182.78 1         | 182.90 1515 16                                                  | 182.66 1230 6          |
| MAY/MAI       | 182.853         | 182.89 29                                       | 182.81 5         | 182.98 730 29                                                   | 182.63 115 13          |
| JUNE/JUIN     | 182.879         | 182.91 24                                       | 182.86 22        | 183.02 2245 21                                                  | 182.65 815 25          |
| JULY/JUIL     | 182.891         | 182.91 6                                        | 182.87 11        | 183.08 1230 15                                                  | 182.68 1915 15         |
| AUG/AOUT      | 182.997         | 183.09 23                                       | 182.89 1         | 183.19 145 17                                                   | 182.77 1245 1          |
| SEPT          | 183.048         | 183.08 1                                        | 183.01 14        | 183.18 1430 26                                                  | 182.91 1130 12         |
| OCT           | 183.014         | 183.05 3                                        | 182.94 28        | 183.13 1830 9                                                   | 182.85 815 28          |
| NOV           | 183.074         | 183.14 16                                       | 182.98 1         | 183.22 630 16                                                   | 182.93 700 1           |
| DEC           | 183.063         | 183.12 2                                        | 183.01 25        | 183.26 1915 22                                                  | 182.91 1430 27         |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 10050 THUNDER BAY ONT  
LAT / LONG 4824N / 8913W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1907 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |              |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|--------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |              |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1909                                            | 1988    | 79    | 99 | 183.35  | IN/EN | 1986         |  | 182.60  | IN/EN | 1926           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1907                                          | 12 1988 | 935   | 96 | 183.54  | IN/EN | 9 1916       |  | 182.37  | IN/EN | 4 1926         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1907                                          | 12 1988 | 28524 | 96 | 183.59  | ON/LE | 10 9 1916    |  | 182.33  | ON/LE | 16 4 1926      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1912                                          | 12 1988 | 905   | 98 | 183.85  | AT/A  | 31 21 7 1952 |  | 182.25  | AT/A  | 2200 17 3 1926 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1986                                 | 183.31          | 24                                   | 1986          | 183.38          | 1100                                        | 11          | 1975          | 183.50          | 1926                                 | 182.47          | 27                                   | 1926          | 182.41          | 2100                                        | 27          | 1926          | 182.29          |
| 2             | 1986                                 | 183.25          | 1                                    | 1986          | 183.28          | 200                                         | 4           | 1986          | 183.35          | 1926                                 | 182.42          | 25                                   | 1926          | 182.37          | 1948                                        | 25          | 1926          | 182.29          |
| 3             | 1986                                 | 183.23          | 22                                   | 1986          | 183.28          | 2130                                        | 31          | 1986          | 183.37          | 1926                                 | 182.39          | 2                                    | 1926          | 182.35          | 2200                                        | 17          | 1926          | 182.25          |
| 4             | 1986                                 | 183.29          | 28                                   | 1986          | 183.36          | 245                                         | 26          | 1986          | 183.54          | 1926                                 | 182.37          | 16                                   | 1926          | 182.33          | 2326                                        | 13          | 1926          | 182.25          |
| 5             | 1986                                 | 183.36          | 27                                   | 1916          | 183.38          | 1200                                        | 26          | 1916          | 183.56          | 1926                                 | 182.41          | 2                                    | 1926          | 182.36          | 1840                                        | 25          | 1926          | 182.26          |
| 6             | 1916                                 | 183.44          | 24                                   | 1916          | 183.50          | 553                                         | 26          | 1950          | 183.78          | 1926                                 | 182.51          | 2                                    | 1926          | 182.43          | 118                                         | 2           | 1926          | 182.36          |
| 7             | 1916                                 | 183.53          | 28                                   | 1916          | 183.56          | 31                                          | 21          | 1952          | 183.85          | 1926                                 | 182.62          | 2                                    | 1926          | 182.54          | 1202                                        | 20          | 1926          | 182.39          |
| 8             | 1916                                 | 183.52          | 10                                   | 1916          | 183.56          | 1923                                        | 19          | 1938          | 183.69          | 1926                                 | 182.68          | 3                                    | 1926          | 182.65          | 1019                                        | 16          | 1926          | 182.60          |
| 9             | 1916                                 | 183.54          | 10                                   | 1916          | 183.59          | 838                                         | 3           | 1939          | 183.70          | 1926                                 | 182.77          | 1                                    | 1926          | 182.70          | 333                                         | 22          | 1926          | 182.63          |
| 10            | 1985                                 | 183.53          | 8                                    | 1985          | 183.58          | 1351                                        | 1           | 1968          | 183.76          | 1925                                 | 182.75          | 28                                   | 1925          | 182.67          | 700                                         | 28          | 1925          | 182.63          |
| 11            | 1985                                 | 183.50          | 5                                    | 1985          | 183.56          | 800                                         | 8           | 1986          | 183.65          | 1925                                 | 182.65          | 27                                   | 1925          | 182.56          | 1734                                        | 5           | 1925          | 182.47          |
| 12            | 1985                                 | 183.40          | 4                                    | 1985          | 183.48          | 617                                         | 8           | 1950          | 183.64          | 1925                                 | 182.56          | 27                                   | 1925          | 182.49          | 747                                         | 27          | 1925          | 182.45          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 10220 ROSSPORT ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 182.833 MOYENNE ANNUELLE

NUMBER OF DAYS USED 327 NOMBRE DE JOURS UTILISES

MONTHLY MEAN/MOYENNE MENSUELLE 183.000 IN/LE 11 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 183.09 ON/LE 16 11  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 183.28 AT/A 850 ON/LE 27 12

MINIMUM  
182.685 IN/LE 3 MONTH/MOIS  
182.62 ON/LE 12 3  
182.42 AT/A 425 ON/LE 12 3

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>MAXIMUM<br>DY/JR | JOURNALIERE<br>MINIMUM<br>DY/JR | INSTANTANEOUS LEVEL/NIVEAU<br>MAXIMUM<br>TM/HR DY/JR | INSTANTANE<br>MINIMUM<br>TM/HR DY/JR |
|---------------|-----------------|-------------------------------------|---------------------------------|------------------------------------------------------|--------------------------------------|
| JAN           | 182.816         | 182.90 3                            | 182.74 20                       | 183.04 1925 16                                       | 182.55 435 20                        |
| FEB/FEV       | 182.736         | 182.78 1                            | 182.69 20                       | 182.88 1605 1                                        | 182.59 20 20                         |
| MAR           | 182.685         | 182.72 1                            | 182.62 12                       | 182.85 650 25                                        | 182.42 425 12                        |
| APR/AVR       | 182.728         | 182.76 16                           | 182.68 1                        | 182.84 1040 6                                        | 182.57 1120 17                       |
| MAY/MAI       | 182.762         | 182.80 30                           | 182.72 2                        | 182.93 2318 12                                       | 182.58 2120 8                        |
| JUNE/JUIN     | 182.789         | 182.81 19                           | 182.76 7                        | 183.01 335 25                                        | 182.56 315 25                        |
| JULY/JUIL     | 182.796         | 182.82 29                           | 182.78 15                       | 183.08 1655 15                                       | 182.54 2010 15                       |
| AUG/AOUT      | 182.923         | 183.01 23                           | 182.80 1                        | 183.17 10 17                                         | 182.75 1330 1                        |
| SEPT          | 182.970         | 183.00 1                            | 182.93 11                       | 183.07 955 12                                        | 182.84 720 11                        |
| NOV           | 183.000         | 183.09 16                           | 182.89 4                        | 183.20 1812 16                                       | 182.81 2010 4                        |
| DEC           | 182.990         | 183.06 12                           | 182.95 19                       | 183.28 850 27                                        | 182.76 145 27                        |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 10220 ROSSPORT ONT  
LAT / LONG 4850N / 8731W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1967 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1967                                            | 1988    | 22    | 100 | 183.27  | IN/EN | 1986           |  | 182.83  | IN/EN | 1988          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1967                                          | 12 1988 | 251   | 95  | 183.43  | IN/EN | 11 1985        |  | 182.65  | IN/EN | 2 1977        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1967                                          | 12 1988 | 7628  | 95  | 183.49  | ON/LE | 6 11 1985      |  | 182.59  | ON/LE | 23 2 1977     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1967                                          | 12 1988 | 258   | 98  | 183.78  | AT/A  | 1210 30 6 1968 |  | 182.42  | AT/A  | 425 12 3 1988 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM       |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
| MONTH<br>MOIS | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |  |
| 1             | 1986                                 | 183.24          | 8                                    | 1986          | 183.33          | 1529                                        | 11          | 1975          | 183.46          | 1982                                 | 182.76          | 31                                   | 1977          | 182.67          | 435                                         | 20          | 1988          | 182.55          |  |
| 2             | 1986                                 | 183.15          | 1                                    | 1969          | 183.19          | 305                                         | 27          | 1971          | 183.34          | 1977                                 | 182.65          | 23                                   | 1977          | 182.59          | 900                                         | 23          | 1977          | 182.51          |  |
| 3             | 1986                                 | 183.13          | 22                                   | 1986          | 183.18          | 1615                                        | 3           | 1974          | 183.26          | 1982                                 | 182.68          | 4                                    | 1977          | 182.61          | 425                                         | 12          | 1988          | 182.42          |  |
| 4             | 1986                                 | 183.20          | 29                                   | 1986          | 183.29          | 925                                         | 27          | 1986          | 183.42          | 1988                                 | 182.73          | 3                                    | 1982          | 182.64          | 1                                           | 23          | 1970          | 182.48          |  |
| 5             | 1986                                 | 183.28          | 6                                    | 1986          | 183.31          | 522                                         | 5           | 1986          | 183.39          | 1988                                 | 182.76          | 2                                    | 1988          | 182.72          | 2120                                        | 8           | 1988          | 182.58          |  |
| 6             | 1986                                 | 183.30          | 22                                   | 1986          | 183.34          | 1210                                        | 30          | 1968          | 183.78          | 1988                                 | 182.79          | 7                                    | 1988          | 182.76          | 315                                         | 25          | 1988          | 182.56          |  |
| 7             | 1986                                 | 183.35          | 31                                   | 1968          | 183.40          | 1433                                        | 7           | 1973          | 183.58          | 1988                                 | 182.80          | 15                                   | 1988          | 182.78          | 2010                                        | 15          | 1988          | 182.54          |  |
| 8             | 1986                                 | 183.38          | 10                                   | 1973          | 183.40          | 2319                                        | 6           | 1969          | 183.57          | 1988                                 | 182.92          | 1                                    | 1988          | 182.80          | 1330                                        | 1           | 1988          | 182.75          |  |
| 9             | 1968                                 | 183.41          | 24                                   | 1968          | 183.45          | 645                                         | 5           | 1968          | 183.60          | 1981                                 | 182.94          | 30                                   | 1981          | 182.84          | 2145                                        | 30          | 1981          | 182.75          |  |
| 10            | 1968                                 | 183.39          | 10                                   | 1968          | 183.46          | 245                                         | 31          | 1971          | 183.65          | 1981                                 | 182.91          | 1                                    | 1981          | 182.84          | 700                                         | 1           | 1981          | 182.70          |  |
| 11            | 1985                                 | 183.43          | 6                                    | 1985          | 183.49          | 645                                         | 20          | 1985          | 183.60          | 1981                                 | 182.89          | 26                                   | 1976          | 182.84          | 300                                         | 27          | 1976          | 182.73          |  |
| 12            | 1985                                 | 183.34          | 6                                    | 1985          | 183.40          | 2315                                        | 4           | 1985          | 183.45          | 1976                                 | 182.79          | 20                                   | 1976          | 182.72          | 150                                         | 28          | 1976          | 182.65          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 10750 MICHIPICOTEN HARBOUR ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 182.874 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 363 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                    |
|---------------------------------------|-----------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 183.026 IN/LE 12 MONTH/MOIS |  | 182.718 IN/LE 3 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 183.16 ON/LE 17 11          |  | 182.62 ON/LE 12 3          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 183.28 AT/A 1200 ON/LE 16 8 |  | 182.43 AT/A 745 ON/LE 12 3 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |      |    |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|------|----|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |      |    |
| JAN           | 182.857         | 182.96 1                    | 182.77 30        | 183.07 2145 3                         | 182.65                 | 1000 | 12 |
| FEB/FEV       | 182.794         | 182.87 7                    | 182.74 15        | 183.04 1550 22                        | 182.60                 | 145  | 29 |
| MAR           | 182.718         | 182.77 2                    | 182.62 12        | 182.94 830 29                         | 182.43                 | 745  | 12 |
| APR/AVR       | 182.761         | 182.82 15                   | 182.69 8         | 182.94 830 17                         | 182.58                 | 445  | 3  |
| MAY/MAI       | 182.783         | 182.87 13                   | 182.72 7         | 183.09 345 13                         | 182.59                 | 145  | 9  |
| JUNE/JUIN     | 182.807         | 182.84 25                   | 182.76 18        | 183.11 830 25                         | 182.50                 | 330  | 25 |
| JULY/JUIL     | 182.813         | 182.87 30                   | 182.79 4         | 183.26 1230 15                        | 182.57                 | 1130 | 15 |
| AUG/AOUT      | 182.940         | 183.05 25                   | 182.83 2         | 183.28 1200 16                        | 182.64                 | 1045 | 16 |
| SEPT          | 182.990         | 183.05 23                   | 182.93 11        | 183.13 900 23                         | 182.85                 | 545  | 22 |
| OCT           | 182.976         | 183.10 28                   | 182.91 15        | 183.23 800 28                         | 182.82                 | 1400 | 27 |
| NOV           | 183.014         | 183.16 17                   | 182.91 4         | 183.25 145 17                         | 182.78                 | 15   | 5  |
| DEC           | 183.026         | 183.10 3                    | 182.89 22        | 183.26 1900 27                        | 182.63                 | 100  | 27 |

## EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 10750 MICHIPICOTEN HARBOUR ONT  
LAT / LONG 4757N / 8454W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

## EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1915 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1915                                            | 1988    | 74    | 100 | 183.50  | IN/EN | 1916           |  | 182.65  | IN/EN | 1926           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1915                                          | 12 1988 | 861   | 98  | 183.62  | IN/EN | 9 1916         |  | 182.43  | IN/EN | 4 1926         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1915                                          | 12 1988 | 26212 | 98  | 183.68  | ON/LE | 15 9 1916      |  | 182.29  | ON/LE | 13 4 1926      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 8 1915                                          | 12 1988 | 860   | 98  | 184.18  | AT/A  | 1514 16 6 1939 |  | 182.29  | AT/A  | 1900 13 4 1926 |  |

## EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM       |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
| MONTH<br>MOIS | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1952                                 | 183.29          | 12                                   | 1975          | 183.37          | 1724                                        | 16          | 1972          | 183.64          | 1926                                 | 182.56          | 31                                   | 1926          | 182.40          | 1219                                        | 31          | 1926          | 182.34          |  |
| 2             | 1952                                 | 183.21          | 12                                   | 1932          | 183.41          | 617                                         | 12          | 1932          | 183.62          | 1926                                 | 182.44          | 28                                   | 1926          | 182.37          | 1325                                        | 5           | 1926          | 182.30          |  |
| 3             | 1951                                 | 183.18          | 7                                    | 1951          | 183.27          | 1156                                        | 17          | 1945          | 183.42          | 1926                                 | 182.44          | 1                                    | 1926          | 182.37          | 500                                         | 1           | 1926          | 182.30          |  |
| 4             | 1951                                 | 183.25          | 22                                   | 1951          | 183.32          | 2149                                        | 4           | 1945          | 183.86          | 1926                                 | 182.43          | 13                                   | 1926          | 182.29          | 1900                                        | 13          | 1926          | 182.29          |  |
| 5             | 1951                                 | 183.34          | 28                                   | 1951          | 183.40          | 615                                         | 6           | 1930          | 183.89          | 1926                                 | 182.45          | 1                                    | 1926          | 182.29          | 1900                                        | 1           | 1926          | 182.29          |  |
| 6             | 1938                                 | 183.40          | 17                                   | 1916          | 183.53          | 1514                                        | 16          | 1939          | 184.18          | 1926                                 | 182.56          | 5                                    | 1926          | 182.48          | 1325                                        | 30          | 1968          | 182.39          |  |
| 7             | 1916                                 | 183.55          | 30                                   | 1916          | 183.58          | 1603                                        | 22          | 1952          | 183.76          | 1926                                 | 182.65          | 1                                    | 1926          | 182.58          | 1042                                        | 20          | 1926          | 182.35          |  |
| 8             | 1916                                 | 183.58          | 11                                   | 1916          | 183.63          | 259                                         | 28          | 1928          | 184.14          | 1926                                 | 182.71          | 9                                    | 1926          | 182.67          | 400                                         | 6           | 1926          | 182.49          |  |
| 9             | 1916                                 | 183.62          | 15                                   | 1916          | 183.68          | 915                                         | 7           | 1943          | 183.86          | 1926                                 | 182.80          | 1                                    | 1926          | 182.69          | 1422                                        | 21          | 1926          | 182.42          |  |
| 10            | 1916                                 | 183.52          | 5                                    | 1916          | 183.60          | 2133                                        | 7           | 1941          | 183.86          | 1925                                 | 182.83          | 23                                   | 1925          | 182.78          | 1215                                        | 1           | 1969          | 182.61          |  |
| 11            | 1951                                 | 183.46          | 22                                   | 1946          | 183.60          | 129                                         | 12          | 1940          | 183.92          | 1925                                 | 182.75          | 29                                   | 1925          | 182.65          | 223                                         | 26          | 1925          | 182.53          |  |
| 12            | 1985                                 | 183.38          | 17                                   | 1946          | 183.48          | 619                                         | 12          | 1949          | 183.95          | 1925                                 | 182.67          | 31                                   | 1925          | 182.59          | 618                                         | 5           | 1925          | 182.44          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 0920 GROS CAP ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*  
YEARLY MEAN 182.952 MOYENNE ANNUELLE *182.926 published*  
NUMBER OF DAYS USED 359 NOMBRE DE JOURS UTILISES *360 published*

MONTHLY MEAN/MOYENNE MENSUELLE 183.398 IN/LE 12 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 183.53 ON/LE 3 12  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 183.75 AT/A 915 ON/LE 3 12

MINIMUM  
182.764 IN/LE 3 MONTH/MOIS  
182.69 ON/LE 1 3  
182.30 AT/A 1140 ON/LE 15 7

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |         |       |         |        |       |       |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|---------|---------|-------|---------|--------|-------|-------|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               | MINIMUM | MAXIMUM |       | MINIMUM |        |       |       |
|               |                 |                             |         |                                       |         | TM/HR   | DY/JR |         |        | TM/HR | DY/JR |
| JAN           | 182.916         | 183.09                      | 4       | 182.78                                | 29      | 183.24  | 1910  | 4       | 182.67 | 930   | 16    |
| FEB/FEV       | 182.831         | 182.92                      | 1       | 182.75                                | 16      | 183.17  | 2345  | 22      | 182.61 | 238   | 26    |
| MAR           | 182.764         | 182.84                      | 2       | 182.69                                | 1       | 182.96  | 1310  | 2       | 182.50 | 1738  | 7     |
| APR/AVR       | 182.802         | 182.93                      | 18      | 182.72                                | 2       | 183.04  | 2332  | 17      | 182.61 | 315   | 5     |
| MAY/MAI       | 182.818         | 182.95                      | 13      | 182.72                                | 7       | 183.22  | 257   | 13      | 182.61 | 2413  | 7     |
| JUNE/JUIN     | 182.864         | 182.94                      | 25      | 182.81                                | 18      | 183.24  | 850   | 25      | 182.67 | 1545  | 19    |
| JULY/JUIL     | 182.879         | 182.91                      | 14      | 182.84                                | 6       | 183.22  | 1340  | 15      | 182.30 | 1140  | 15    |
| AUG/AOUT      | 182.991         | 183.12                      | 25      | 182.85                                | 2       | 183.21  | 1115  | 25      | 182.71 | 200   | 17    |
| SEPT          | 183.038         | 183.13                      | 23      | 182.90                                | 19      | 183.25  | 2110  | 20      | 182.81 | 1415  | 19    |
| OCT           | 183.040         | 183.24                      | 28      | 182.92                                | 27      | 183.40  | 800   | 28      | 182.79 | 1900  | 27    |
| NOV           | 183.070         | 183.25                      | 17      | 182.93                                | 15      | 183.35  | 1741  | 17      | 182.80 | 1744  | 15    |
| DEC           | 183.398         | 183.53                      | 3       | 183.16                                | 22      | 183.75  | 915   | 3       | 182.93 | 635   | 27    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 10920 GROS CAP ONT  
LAT / LONG 4631N / 8435W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1926 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                 |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|-----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                 |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1961                                            | 1988    | 27    | 96 | 183.40  | IN/EN | 1986            |  | 182.95  | IN/EN | 1965           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1926                                          | 12 1988 | 330   | 44 | 183.47  | IN/EN | 8 1986          |  | 182.59  | IN/EN | 7 1926         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1926                                          | 12 1988 | 10079 | 44 | 183.59  | ON/LE | 6 9 1973        |  | 182.51  | ON/LE | 4 7 1926       |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1926                                          | 12 1988 | 338   | 45 | 183.96  | AT/A  | 1559 16 10 1972 |  | 182.27  | AT/A  | 1225 25 1 1968 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1975                              | 183.25          | 25                                | 1972          | 183.36          | 1400                                     | 11          | 1980          | 183.77          |  | 1977                              | 182.82          | 22                                | 1964          | 182.69          | 1225                                     | 25          | 1968          | 182.27          |  |
| 2             | 1975                              | 183.20          | 13                                | 1975          | 183.28          | 550                                      | 8           | 1987          | 183.44          |  | 1977                              | 182.75          | 23                                | 1977          | 182.63          | 2130                                     | 23          | 1977          | 182.53          |  |
| 3             | 1975                              | 183.12          | 2                                 | 1975          | 183.21          | 2350                                     | 12          | 1975          | 183.38          |  | 1964                              | 182.72          | 23                                | 1964          | 182.60          | 249                                      | 24          | 1964          | 182.44          |  |
| 4             | 1976                              | 183.11          | 22                                | 1976          | 183.23          | 1945                                     | 30          | 1984          | 183.57          |  | 1964                              | 182.69          | 13                                | 1964          | 182.55          | 314                                      | 23          | 1970          | 182.32          |  |
| 5             | 1973                              | 183.20          | 26                                | 1971          | 183.32          | 1020                                     | 16          | 1973          | 183.43          |  | 1988                              | 182.82          | 7                                 | 1988          | 182.72          | 1422                                     | 21          | 1927          | 182.50          |  |
| 6             | 1986                              | 183.40          | 16                                | 1986          | 183.46          | 930                                      | 16          | 1986          | 183.64          |  | 1988                              | 182.86          | 18                                | 1988          | 182.81          | 1649                                     | 8           | 1963          | 182.56          |  |
| 7             | 1986                              | 183.42          | 28                                | 1986          | 183.49          | 1140                                     | 4           | 1986          | 183.62          |  | 1926                              | 182.59          | 4                                 | 1926          | 182.51          | 1140                                     | 15          | 1988          | 182.30          |  |
| 8             | 1986                              | 183.47          | 20                                | 1973          | 183.58          | 425                                      | 20          | 1973          | 183.73          |  | 1926                              | 182.65          | 20                                | 1926          | 182.57          | 1130                                     | 20          | 1926          | 182.50          |  |
| 9             | 1986                              | 183.42          | 6                                 | 1973          | 183.59          | 1054                                     | 6           | 1973          | 183.71          |  | 1926                              | 182.73          | 4                                 | 1926          | 182.63          | 1518                                     | 21          | 1926          | 182.30          |  |
| 10            | 1986                              | 183.42          | 16                                | 1973          | 183.57          | 1559                                     | 16          | 1972          | 183.96          |  | 1926                              | 182.84          | 1                                 | 1926          | 182.69          | 1122                                     | 1           | 1926          | 182.50          |  |
| 11            | 1986                              | 183.38          | 9                                 | 1986          | 183.52          | 1715                                     | 10          | 1975          | 183.79          |  | 1981                              | 182.98          | 26                                | 1965          | 182.82          | 1933                                     | 26          | 1965          | 182.60          |  |
| 12            | 1988                              | 183.40          | 3                                 | 1988          | 183.53          | 1926                                     | 5           | 1970          | 183.86          |  | 1976                              | 182.90          | 18                                | 1976          | 182.80          | 2216                                     | 1           | 1969          | 182.58          |  |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 10980 SAULT STE MARIE ABOVE/AMONT ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 182.886 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 364 NOMBRE DE JOURS UTILISES

MONTHLY MEAN/MOYENNE MENSUELLE MAXIMUM 183.049 IN/LE 11 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 183.27 ON/LE 17 11  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 183.64 AT/A 1120 ON/LE 3 12

MINIMUM  
182.685 IN/LE 3 MONTH/MOIS  
182.47 ON/LE 28 3  
181.83 AT/A 1240 ON/LE 15 7

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 182.836         | 182.99 4                    | 182.72 6         | 183.19 1932 4                         | 182.52 1012 16         |  |  |
| FEB/FEV       | 182.786         | 182.88 1                    | 182.70 16        | 183.22 22 23                          | 182.51 50 28           |  |  |
| MAR           | 182.685         | 182.79 2                    | 182.47 28        | 182.90 1230 18                        | 182.27 1450 28         |  |  |
| APR/AVR       | 182.769         | 182.88 14                   | 182.64 2         | 183.07 2205 17                        | 182.48 205 16          |  |  |
| MAY/MAI       | 182.785         | 182.95 13                   | 182.67 7         | 183.52 338 13                         | 182.42 2328 8          |  |  |
| JUNE/JUIN     | 182.829         | 182.94 29                   | 182.75 24        | 183.53 935 25                         | 182.29 835 19          |  |  |
| JULY/JUIL     | 182.850         | 182.90 11                   | 182.78 5         | 183.41 1420 15                        | 181.83 1240 15         |  |  |
| AUG/AOUT      | 182.969         | 183.12 25                   | 182.83 2         | 183.59 1430 16                        | 182.19 1240 16         |  |  |
| SEPT          | 183.005         | 183.15 23                   | 182.84 19        | 183.37 1345 1                         | 182.60 1205 1          |  |  |
| OCT           | 183.014         | 183.26 28                   | 182.87 27        | 183.54 1300 28                        | 182.62 2000 27         |  |  |
| NOV           | 183.049         | 183.27 17                   | 182.86 15        | 183.48 1820 10                        | 182.60 1905 15         |  |  |
| DEC           | 183.049         | 183.22 3                    | 182.76 22        | 183.64 1120 3                         | 182.48 200 27          |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 10980 SAULT STE MARIE ABOVE/AMONT ONT  
LAT / LONG 4630N / 8422W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

9 1908 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                 |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|-----------------|--|---------|-------|---------------|--|
|                                             | FRQM/DE                                         | TO/A    | TOTAL | %   |         |       |                 |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1909                                            | 1988    | 80    | 100 | 183.27  | IN/EN | 1986            |  | 182.55  | IN/EN | 1926          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 9 1908                                          | 12 1988 | 934   | 97  | 183.39  | IN/EN | 9 1974          |  | 182.30  | IN/EN | 3 1926        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 9 1908                                          | 12 1988 | 28487 | 97  | 183.63  | ON/LE | 16 10 1973      |  | 182.22  | ON/LE | 6 3 1926      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1912                                          | 12 1988 | 918   | 99  | 184.13  | AT/A  | 2300 12 11 1942 |  | 181.81  | AT/A  | 659 23 5 1925 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |  |                                   |               |                 |                                          |             |               |                 | MINIMUM                           |                 |  |                                   |               |                 |                                          |             |               |                 |
|---------------|-----------------------------------|-----------------|--|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|-----------------------------------|-----------------|--|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |  | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |  | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR |  | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |  | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1986                              | 183.21          |  | 20                                | 1952          | 183.33          | 1622                                     | 18          | 1946          | 183.80          | 1926                              | 182.43          |  | 29                                | 1926          | 182.34          | 1114                                     | 24          | 1926          | 182.21          |
| 2             | 1986                              | 183.13          |  | 3                                 | 1969          | 183.22          | 720                                      | 8           | 1932          | 183.54          | 1926                              | 182.33          |  | 24                                | 1926          | 182.24          | 1500                                     | 7           | 1926          | 182.11          |
| 3             | 1986                              | 183.12          |  | 19                                | 1986          | 183.25          | 1140                                     | 27          | 1921          | 183.55          | 1926                              | 182.30          |  | 6                                 | 1926          | 182.22          | 1600                                     | 17          | 1926          | 182.12          |
| 4             | 1986                              | 183.23          |  | 21                                | 1986          | 183.37          | 123                                      | 5           | 1945          | 183.65          | 1926                              | 182.31          |  | 15                                | 1926          | 182.22          | 359                                      | 23          | 1970          | 181.89          |
| 5             | 1986                              | 183.28          |  | 1                                 | 1986          | 183.45          | 1453                                     | 1           | 1986          | 183.82          | 1926                              | 182.37          |  | 1                                 | 1926          | 182.27          | 659                                      | 23          | 1925          | 181.81          |
| 6             | 1916                              | 183.30          |  | 29                                | 1943          | 183.43          | 1809                                     | 7           | 1939          | 183.75          | 1926                              | 182.47          |  | 5                                 | 1926          | 182.37          | 1600                                     | 19          | 1924          | 181.99          |
| 7             | 1916                              | 183.38          |  | 30                                | 1952          | 183.53          | 1156                                     | 22          | 1952          | 184.09          | 1926                              | 182.58          |  | 5                                 | 1926          | 182.48          | 1240                                     | 15          | 1988          | 181.83          |
| 8             | 1916                              | 183.39          |  | 20                                | 1973          | 183.48          | 149                                      | 25          | 1950          | 183.85          | 1926                              | 182.64          |  | 20                                | 1926          | 182.49          | 530                                      | 21          | 1924          | 182.05          |
| 9             | 1974                              | 183.39          |  | 27                                | 1951          | 183.57          | 747                                      | 22          | 1942          | 183.78          | 1926                              | 182.73          |  | 19                                | 1925          | 182.58          | 1637                                     | 21          | 1926          | 182.03          |
| 10            | 1985                              | 183.39          |  | 16                                | 1973          | 183.63          | 400                                      | 31          | 1951          | 184.06          | 1925                              | 182.72          |  | 31                                | 1925          | 182.61          | 1215                                     | 1           | 1926          | 182.26          |
| 11            | 1985                              | 183.36          |  | 22                                | 1946          | 183.61          | 2300                                     | 12          | 1942          | 184.13          | 1925                              | 182.63          |  | 4                                 | 1925          | 182.42          | 2017                                     | 26          | 1965          | 182.22          |
| 12            | 1985                              | 183.36          |  | 2                                 | 1985          | 183.54          | 832                                      | 17          | 1946          | 184.10          | 1925                              | 182.58          |  | 23                                | 1925          | 182.44          | 910                                      | 2           | 1925          | 182.32          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11010 SAULT STE MARIE BELOW/AVAL ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 176.594 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 337 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                     |
|---------------------------------------|----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.768 IN/LE 1 MONTH/MOIS |  | 176.434 IN/LE 11 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.92 ON/LE 15 1          |  | 176.24 ON/LE 2 11           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.99 AT/A 910 ON/LE 15 1 |  | 176.10 AT/A 15 ON/LE 11 10  |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE<br>MAXIMUM<br>DY/JR | MINIMUM<br>DY/JR | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE<br>MAXIMUM<br>TM/HR DY/JR | MINIMUM<br>TM/HR DY/JR |
|---------------|-----------------|-------------------------------------------------|------------------|-----------------------------------------------------------------|------------------------|
| JAN           | 176.768         | 176.92 15                                       | 176.66 4         | 176.99 910 15                                                   | 176.57 1050 13         |
| FEB/FEV       | 176.707         | 176.83 7                                        | 176.57 20        | 176.88 1350 7                                                   | 176.47 1915 20         |
| MAR           | 176.696         | 176.75 28                                       | 176.58 13        | 176.84 1550 10                                                  | 176.52 600 7           |
| APR/AVR       | 176.646         | 176.78 5                                        | 176.57 24        | 176.86 1428 5                                                   | 176.52 1543 10         |
| MAY/MAI       | 176.684         | 176.75 14                                       | 176.59 22        | 176.83 1953 11                                                  | 176.42 1153 13         |
| JUNE/JUIN     | 176.664         | 176.72 13                                       | 176.59 27        | 176.80 1525 13                                                  | 176.38 1820 30         |
| AUG/AOUT      | 176.523         | 176.64 5                                        | 176.38 20        | 176.79 1555 5                                                   | 176.31 1915 20         |
| SEPT          | 176.504         | 176.64 8                                        | 176.28 5         | 176.74 10 20                                                    | 176.20 1650 5          |
| OCT           | 176.440         | 176.58 27                                       | 176.31 11        | 176.83 2025 27                                                  | 176.10 15 11           |
| NOV           | 176.434         | 176.61 16                                       | 176.24 2         | 176.76 1859 12                                                  | 176.14 440 2           |
| DEC           | 176.552         | 176.64 23                                       | 176.43 15        | 176.78 424 23                                                   | 176.32 1050 7          |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11010 SAULT STE MARIE BELOW/AVAL ONT  
LAT / LONG 4630N / 8420W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

9 1908 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                 |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|-----------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                 |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1909                                            | 1988    | 80    | 100 | 177.39  | IN/EN | 1986            |  | 176.07  | IN/EN | 1964            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 9 1908                                          | 12 1988 | 939   | 97  | 177.71  | IN/EN | 8 1952          |  | 175.87  | IN/EN | 12 1963         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 9 1908                                          | 12 1988 | 28554 | 97  | 177.84  | ON/LE | 18 12 1951      |  | 175.70  | ON/LE | 10 12 1963      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1912                                          | 12 1988 | 915   | 99  | 178.26  | AT/A  | 1835 17 12 1951 |  | 175.50  | AT/A  | 1313 23 11 1963 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |               | MINIMUM                              |             |                                      |                 |               |                                             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|---------------|--------------------------------------|-------------|--------------------------------------|-----------------|---------------|---------------------------------------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |             | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |                 |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |               |                                      |             |                                      |                 |               |                                             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR                                 | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1917                                 | 177.58          | 15                                   | 1917          | 177.81          | 1000                                        | 9           | 1917          | 177.88          | 1964          | 175.96                               | 10          | 1964                                 | 175.75          | 1640          | 10                                          | 1964          | 175.69          |
| 2             | 1917                                 | 177.51          | 5                                    | 1917          | 177.58          | 1000                                        | 3           | 1917          | 177.60          | 1964          | 176.11                               | 24          | 1964                                 | 176.01          | 649           | 24                                          | 1964          | 175.96          |
| 3             | 1917                                 | 177.53          | 18                                   | 1917          | 177.62          | 2300                                        | 17          | 1917          | 177.62          | 1964          | 176.08                               | 24          | 1964                                 | 175.97          | 1927          | 24                                          | 1964          | 175.93          |
| 4             | 1929                                 | 177.33          | 1                                    | 1917          | 177.48          | 1421                                        | 27          | 1929          | 177.54          | 1964          | 176.01                               | 30          | 1963                                 | 175.82          | 1933          | 30                                          | 1963          | 175.70          |
| 5             | 1952                                 | 177.43          | 23                                   | 1929          | 177.53          | 1157                                        | 23          | 1929          | 177.62          | 1964          | 175.94                               | 10          | 1964                                 | 175.85          | 1720          | 27                                          | 1964          | 175.74          |
| 6             | 1986                                 | 177.48          | 26                                   | 1986          | 177.54          | 110                                         | 27          | 1986          | 177.62          | 1964          | 175.99                               | 1           | 1964                                 | 175.86          | 1756          | 13                                          | 1964          | 175.76          |
| 7             | 1986                                 | 177.53          | 26                                   | 1929          | 177.57          | 1820                                        | 31          | 1952          | 177.76          | 1964          | 176.11                               | 4           | 1964                                 | 175.96          | 2026          | 4                                           | 1964          | 175.81          |
| 8             | 1952                                 | 177.71          | 20                                   | 1952          | 177.81          | 1610                                        | 20          | 1952          | 177.89          | 1963          | 176.15                               | 17          | 1926                                 | 176.00          | 12            | 17                                          | 1926          | 175.95          |
| 9             | 1952                                 | 177.66          | 5                                    | 1952          | 177.74          | 2340                                        | 26          | 1951          | 177.84          | 1926          | 176.12                               | 6           | 1926                                 | 176.04          | 1751          | 6                                           | 1926          | 175.90          |
| 10            | 1952                                 | 177.49          | 1                                    | 1952          | 177.63          | 500                                         | 31          | 1951          | 177.80          | 1963          | 176.07                               | 29          | 1963                                 | 175.89          | 505           | 29                                          | 1963          | 175.83          |
| 11            | 1985                                 | 177.55          | 20                                   | 1985          | 177.63          | 340                                         | 20          | 1985          | 177.78          | 1963          | 176.00                               | 23          | 1963                                 | 175.79          | 1313          | 23                                          | 1963          | 175.50          |
| 12            | 1985                                 | 177.43          | 18                                   | 1951          | 177.84          | 1835                                        | 17          | 1951          | 178.26          | 1963          | 175.87                               | 10          | 1963                                 | 175.70          | 219           | 10                                          | 1963          | 175.56          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11070 THESSALON ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 176.304 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                     |
|---------------------------------------|----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.434 IN/LE 5 MONTH/MOIS |  | 176.161 IN/LE 10 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.52 ON/LE 2 1           |  | 176.05 ON/LE 15 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.63 AT/A 1845 ON/LE 2 1 |  | 175.87 AT/A 230 ON/LE 15 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |
| JAN           | 176.386         | 176.52 2                    | 176.25 13        | 176.63 1845 2                         | 176.13 630 13          |  |
| FEB/FEV       | 176.341         | 176.43 22                   | 176.26 12        | 176.59 645 22                         | 176.12 1530 20         |  |
| MAR           | 176.295         | 176.34 5                    | 176.19 13        | 176.43 2315 30                        | 176.13 2100 12         |  |
| APR/AVR       | 176.392         | 176.46 15                   | 176.29 1         | 176.54 630 17                         | 176.13 1330 6          |  |
| MAY/MAI       | 176.434         | 176.48 26                   | 176.40 24        | 176.54 145 13                         | 176.27 800 13          |  |
| JUNE/JUIN     | 176.401         | 176.44 6                    | 176.35 29        | 176.51 2330 19                        | 176.21 1230 25         |  |
| JULY/JUIL     | 176.347         | 176.38 8                    | 176.31 30        | 176.46 1330 13                        | 176.24 15 31           |  |
| AUG/AOUT      | 176.316         | 176.39 14                   | 176.25 30        | 176.46 30 14                          | 176.21 30 30           |  |
| SEPT          | 176.218         | 176.30 1                    | 176.16 29        | 176.41 30 20                          | 176.09 2200 4          |  |
| OCT           | 176.161         | 176.24 27                   | 176.08 18        | 176.39 1945 27                        | 175.96 500 18          |  |
| NOV           | 176.183         | 176.29 17                   | 176.06 2         | 176.42 215 17                         | 176.00 630 2           |  |
| DEC           | 176.177         | 176.27 12                   | 176.05 15        | 176.39 400 3                          | 175.87 230 15          |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11070 THESSALON ONT  
LAT / LONG 4615N / 8333W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1926 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1926                                            | 1988    | 62    | 98 | 177.03  | IN/EN | 1986           |  | 175.46  | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1926                                          | 12 1988 | 735   | 98 | 177.23  | IN/EN | 10 1986        |  | 175.35  | IN/EN | 3 1964         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1926                                          | 12 1988 | 22381 | 98 | 177.32  | ON/LE | 7 10 1986      |  | 175.23  | ON/LE | 25 2 1965      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1926                                          | 12 1988 | 740   | 99 | 177.42  | AT/A  | 1030 6 10 1986 |  | 175.07  | AT/A  | 2215 12 2 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1987                                 | 176.91          | 9                                    | 1986          | 177.04          | 800                                         | 9           | 1986          | 177.10          | 1965                                 | 175.37          | 24                                   | 1965          | 175.25          | 230                                         | 9           | 1965          | 175.13          |
| 2             | 1986                                 | 176.83          | 13                                   | 1986          | 176.90          | 1509                                        | 10          | 1952          | 176.97          | 1964                                 | 175.36          | 25                                   | 1965          | 175.23          | 2215                                        | 12          | 1965          | 175.07          |
| 3             | 1986                                 | 176.86          | 22                                   | 1986          | 176.98          | 2230                                        | 30          | 1986          | 177.03          | 1964                                 | 175.35          | 26                                   | 1964          | 175.24          | 1718                                        | 5           | 1964          | 175.07          |
| 4             | 1986                                 | 176.96          | 20                                   | 1986          | 177.03          | 2315                                        | 29          | 1986          | 177.09          | 1964                                 | 175.39          | 3                                    | 1964          | 175.24          | 1415                                        | 3           | 1964          | 175.20          |
| 5             | 1986                                 | 177.00          | 30                                   | 1986          | 177.06          | 1915                                        | 31          | 1985          | 177.14          | 1964                                 | 175.52          | 2                                    | 1964          | 175.42          | 1720                                        | 2           | 1964          | 175.37          |
| 6             | 1973                                 | 177.07          | 26                                   | 1986          | 177.12          | 2300                                        | 26          | 1986          | 177.20          | 1964                                 | 175.55          | 8                                    | 1964          | 175.49          | 2125                                        | 15          | 1964          | 175.40          |
| 7             | 1986                                 | 177.13          | 24                                   | 1986          | 177.19          | 415                                         | 23          | 1952          | 177.30          | 1964                                 | 175.54          | 12                                   | 1964          | 175.46          | 613                                         | 29          | 1964          | 175.43          |
| 8             | 1986                                 | 177.12          | 8                                    | 1986          | 177.17          | 900                                         | 10          | 1986          | 177.22          | 1964                                 | 175.55          | 22                                   | 1964          | 175.47          | 614                                         | 12          | 1964          | 175.42          |
| 9             | 1986                                 | 177.12          | 29                                   | 1986          | 177.23          | 1730                                        | 29          | 1986          | 177.29          | 1964                                 | 175.54          | 15                                   | 1964          | 175.49          | 2210                                        | 14          | 1964          | 175.39          |
| 10            | 1986                                 | 177.23          | 7                                    | 1986          | 177.32          | 1030                                        | 6           | 1986          | 177.42          | 1964                                 | 175.50          | 29                                   | 1964          | 175.40          | 1600                                        | 9           | 1964          | 175.35          |
| 11            | 1986                                 | 177.15          | 10                                   | 1986          | 177.27          | 645                                         | 3           | 1986          | 177.36          | 1964                                 | 175.43          | 16                                   | 1964          | 175.36          | 1630                                        | 28          | 1964          | 175.15          |
| 12            | 1986                                 | 177.02          | 11                                   | 1986          | 177.13          | 1415                                        | 11          | 1986          | 177.22          | 1964                                 | 175.39          | 4                                    | 1964          | 175.27          | 610                                         | 11          | 1933          | 175.14          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11195 LITTLE CURRENT ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.218 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 364 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                     |
|---------------------------------------|----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.342 IN/LE 5 MONTH/MOIS |  | 176.077 IN/LE 10 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.50 ON/LE 2 1           |  | 175.93 ON/LE 5 11           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.68 AT/A 1743 ON/LE 1 1 |  | 175.83 AT/A 315 ON/LE 15 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |
| JAN           | 176.295         | 176.50 2                    | 176.15 20        | 176.68 1743                           | 1     | 176.00 513       | 13    |
| FEB/FEV       | 176.240         | 176.34 22                   | 176.16 11        | 176.54 745                            | 22    | 176.02 1605      | 20    |
| MAR           | 176.195         | 176.25 27                   | 176.08 12        | 176.40 1630                           | 30    | 175.99 2005      | 12    |
| APR/AVR       | 176.302         | 176.40 18                   | 176.19 1         | 176.50 712                            | 18    | 176.07 1617      | 6     |
| MAY/MAI       | 176.342         | 176.47 13                   | 176.30 7         | 176.62 420                            | 13    | 176.21 540       | 9     |
| JUNE/JUIN     | 176.327         | 176.38 5                    | 176.28 8         | 176.51 1345                           | 25    | 176.18 610       | 8     |
| JULY/JUIL     | 176.270         | 176.31 2                    | 176.23 28        | 176.44 1850                           | 13    | 176.15 245       | 31    |
| AUG/AOUT      | 176.247         | 176.37 14                   | 176.16 31        | 176.52 2255                           | 14    | 176.13 1530      | 23    |
| SEPT          | 176.134         | 176.21 6                    | 176.03 28        | 176.35 1310                           | 23    | 175.96 650       | 29    |
| OCT           | 176.077         | 176.26 28                   | 176.00 5         | 176.51 1850                           | 28    | 175.84 620       | 18    |
| NOV           | 176.082         | 176.38 17                   | 175.93 5         | 176.50 1850                           | 17    | 175.86 245       | 5     |
| DEC           | 176.099         | 176.26 2                    | 175.99 22        | 176.41 1210                           | 27    | 175.83 315       | 15    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11195 LITTLE CURRENT ONT  
LAT / LONG 4558N / 8155W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1959                                            | 1988    | 30    | 100 | 176.95  | IN/EN | 1986           |  | 175.39  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1959                                          | 12 1988 | 353   | 100 | 177.14  | IN/EN | 10 1986        |  | 175.27  | IN/EN | 3 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1959                                          | 12 1988 | 10745 | 99  | 177.35  | ON/LE | 9 11 1986      |  | 175.13  | ON/LE | 4 12 1964     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1959                                          | 12 1988 | 355   | 100 | 177.68  | AT/A  | 533 20 11 1985 |  | 174.93  | AT/A  | 1531 5 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |                                      | MINIMUM         |                                      |               |                 |                                             |             |               |                 |  |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|--|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |  |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |  |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |  |
| 1             | 1987                                 | 176.83          | 9                                    | 1986          | 176.97          | 1359                                        | 11          | 1975          | 177.09          | 1965                                 | 175.30          | 2                                    | 1965          | 175.14          | 1219                                        | 2           | 1965          | 175.04          |  |  |
| 2             | 1986                                 | 176.73          | 6                                    | 1987          | 176.82          | 2305                                        | 6           | 1987          | 176.93          | 1964                                 | 175.32          | 25                                   | 1965          | 175.19          | 2246                                        | 12          | 1965          | 175.01          |  |  |
| 3             | 1986                                 | 176.79          | 22                                   | 1986          | 176.87          | 613                                         | 23          | 1986          | 176.96          | 1964                                 | 175.27          | 26                                   | 1964          | 175.17          | 1531                                        | 5           | 1964          | 174.93          |  |  |
| 4             | 1986                                 | 176.86          | 8                                    | 1986          | 176.92          | 2120                                        | 16          | 1973          | 177.35          | 1964                                 | 175.29          | 3                                    | 1964          | 175.15          | 350                                         | 3           | 1964          | 175.05          |  |  |
| 5             | 1986                                 | 176.90          | 2                                    | 1986          | 176.98          | 2225                                        | 31          | 1985          | 177.33          | 1964                                 | 175.44          | 2                                    | 1964          | 175.31          | 1210                                        | 5           | 1964          | 175.24          |  |  |
| 6             | 1986                                 | 176.97          | 27                                   | 1986          | 177.05          | 1501                                        | 11          | 1974          | 177.18          | 1964                                 | 175.47          | 8                                    | 1964          | 175.42          | 1848                                        | 15          | 1964          | 175.29          |  |  |
| 7             | 1986                                 | 177.04          | 5                                    | 1974          | 177.10          | 2320                                        | 4           | 1974          | 177.20          | 1964                                 | 175.47          | 12                                   | 1964          | 175.38          | 740                                         | 14          | 1964          | 175.28          |  |  |
| 8             | 1986                                 | 177.05          | 11                                   | 1986          | 177.13          | 2042                                        | 10          | 1986          | 177.25          | 1964                                 | 175.49          | 22                                   | 1964          | 175.36          | 330                                         | 22          | 1964          | 175.27          |  |  |
| 9             | 1986                                 | 177.02          | 30                                   | 1986          | 177.17          | 355                                         | 30          | 1986          | 177.25          | 1964                                 | 175.49          | 19                                   | 1964          | 175.36          | 1955                                        | 14          | 1964          | 175.27          |  |  |
| 10            | 1986                                 | 177.14          | 7                                    | 1986          | 177.23          | 1650                                        | 5           | 1986          | 177.45          | 1964                                 | 175.44          | 22                                   | 1964          | 175.35          | 1440                                        | 21          | 1964          | 175.23          |  |  |
| 11            | 1986                                 | 177.07          | 9                                    | 1986          | 177.35          | 533                                         | 20          | 1985          | 177.68          | 1964                                 | 175.38          | 10                                   | 1964          | 175.29          | 331                                         | 28          | 1964          | 175.11          |  |  |
| 12            | 1986                                 | 176.94          | 4                                    | 1986          | 177.15          | 355                                         | 6           | 1986          | 177.24          | 1964                                 | 175.32          | 4                                    | 1964          | 175.13          | 1115                                        | 4           | 1964          | 175.06          |  |  |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11375 PARRY SOUND ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.234 MOYENNE ANNUELLE

NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       |               |                 |
|---------------------------------------|---------------|-----------------|
|                                       | MAXIMUM       |                 |
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.346 IN/LE | 5 MONTH/MOIS    |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.56 ON/LE  | 2 1             |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.76 AT/A   | 1045 ON/LE 13 5 |

|  |               |                 |
|--|---------------|-----------------|
|  | MINIMUM       |                 |
|  | 176.093 IN/LE | 11 MONTH/MOIS   |
|  | 175.90 ON/LE  | 5 11            |
|  | 175.66 AT/A   | 315 ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |           | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |             |       |
|---------------|-----------------|-----------------------------|-----------|---------------------------------------|---------|-------------|-------|
|               |                 | MAXIMUM                     | MINIMUM   | MAXIMUM                               | MINIMUM |             |       |
|               |                 | DY/JR                       | DY/JR     | TM/HR                                 | DY/JR   | TM/HR       | DY/JR |
| JAN           | 176.325         | 176.56 2                    | 176.13 20 | 176.73 2230                           | 1       | 175.92 630  | 20    |
| FEB/FEV       | 176.274         | 176.40 7                    | 176.14 11 | 176.50 2000                           | 7       | 176.08 2215 | 11    |
| MAR           | 176.199         | 176.32 27                   | 175.96 12 | 176.59 1330                           | 30      | 175.90 1145 | 12    |
| APR/AVR       | 176.319         | 176.51 18                   | 176.18 3  | 176.56 1800                           | 18      | 176.10 545  | 6     |
| MAY/MAI       | 176.346         | 176.47 13                   | 176.27 8  | 176.76 1045                           | 13      | 176.21 515  | 9     |
| JUNE/JUIN     | 176.329         | 176.40 5                    | 176.26 24 | 176.50 1630                           | 25      | 176.19 2015 | 24    |
| JULY/JUIL     | 176.270         | 176.32 30                   | 176.23 28 | 176.41 200                            | 16      | 176.16 2000 | 15    |
| AUG/AOÛT      | 176.264         | 176.41 15                   | 176.15 23 | 176.58 315                            | 15      | 176.10 1330 | 23    |
| SEPT          | 176.162         | 176.26 10                   | 176.01 29 | 176.36 1900                           | 6       | 175.94 30   | 29    |
| OCT           | 176.105         | 176.38 28                   | 176.03 5  | 176.56 1130                           | 28      | 175.95 2215 | 27    |
| NOV           | 176.093         | 176.50 17                   | 175.90 5  | 176.58 730                            | 17      | 175.81 1715 | 5     |
| DEC           | 176.125         | 176.32 2                    | 175.95 22 | 176.44 1045                           | 2       | 175.66 315  | 23    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11375 PARRY SOUND ONT  
LAT / LONG 4520N / 8002W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

4 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 176.95  | IN/EN | 1986           |  | 175.40  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 4 1960                                          | 12 1988 | 341   | 99  | 177.14  | IN/EN | 10 1986        |  | 175.27  | IN/EN | 3 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 4 1960                                          | 12 1988 | 10361 | 99  | 177.45  | ON/LE | 9 11 1986      |  | 175.06  | ON/LE | 23 1 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 4 1960                                          | 12 1988 | 345   | 100 | 177.57  | AT/A  | 1815 9 11 1986 |  | 174.84  | AT/A  | 556 26 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1987                                 | 176.84          | 9                                    | 1986          | 177.06          | 1515                                        | 9           | 1986          | 177.14          | 1965                                 | 175.32          | 23                                   | 1965          | 175.06          | 249                                         | 25          | 1964          | 174.94          |
| 2             | 1986                                 | 176.73          | 5                                    | 1987          | 176.84          | 330                                         | 1           | 1974          | 177.08          | 1964                                 | 175.33          | 9                                    | 1965          | 175.19          | 159                                         | 10          | 1965          | 175.06          |
| 3             | 1986                                 | 176.77          | 23                                   | 1986          | 176.89          | 2315                                        | 23          | 1986          | 176.99          | 1964                                 | 175.27          | 26                                   | 1964          | 175.15          | 556                                         | 26          | 1964          | 174.84          |
| 4             | 1986                                 | 176.86          | 8                                    | 1986          | 176.98          | 1630                                        | 6           | 1985          | 177.13          | 1964                                 | 175.28          | 6                                    | 1964          | 175.17          | 1550                                        | 21          | 1964          | 174.99          |
| 5             | 1986                                 | 176.91          | 1                                    | 1986          | 177.02          | 2000                                        | 1           | 1986          | 177.31          | 1964                                 | 175.44          | 2                                    | 1964          | 175.30          | 20                                          | 1           | 1964          | 175.26          |
| 6             | 1986                                 | 176.98          | 23                                   | 1986          | 177.06          | 1645                                        | 16          | 1986          | 177.23          | 1964                                 | 175.47          | 18                                   | 1964          | 175.39          | 2128                                        | 12          | 1964          | 175.33          |
| 7             | 1986                                 | 177.05          | 5                                    | 1974          | 177.11          | 230                                         | 25          | 1975          | 177.19          | 1964                                 | 175.47          | 13                                   | 1964          | 175.35          | 955                                         | 13          | 1964          | 175.19          |
| 8             | 1986                                 | 177.07          | 11                                   | 1986          | 177.17          | 1530                                        | 23          | 1986          | 177.30          | 1964                                 | 175.49          | 22                                   | 1964          | 175.37          | 45                                          | 22          | 1964          | 175.24          |
| 9             | 1986                                 | 177.04          | 30                                   | 1986          | 177.17          | 1130                                        | 13          | 1986          | 177.27          | 1964                                 | 175.50          | 19                                   | 1964          | 175.35          | 539                                         | 19          | 1964          | 175.29          |
| 10            | 1986                                 | 177.14          | 5                                    | 1986          | 177.25          | 1845                                        | 5           | 1986          | 177.52          | 1964                                 | 175.44          | 31                                   | 1964          | 175.34          | 1447                                        | 21          | 1964          | 175.29          |
| 11            | 1986                                 | 177.09          | 9                                    | 1986          | 177.45          | 1815                                        | 9           | 1986          | 177.57          | 1964                                 | 175.39          | 27                                   | 1964          | 175.23          | 547                                         | 28          | 1964          | 174.99          |
| 12            | 1986                                 | 176.95          | 4                                    | 1986          | 177.25          | 745                                         | 10          | 1986          | 177.35          | 1964                                 | 175.31          | 4                                    | 1964          | 175.10          | 1625                                        | 4           | 1964          | 175.01          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11500 COLLINGWOOD ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.331 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                     |
|---------------------------------------|-----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.454 IN/LE 5 MONTH/MOIS  |  | 176.177 IN/LE 11 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.69 ON/LE 5 1            |  | 176.00 ON/LE 5 11           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.79 AT/A 1025 ON/LE 13 5 |  | 175.61 AT/A 530 ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH     | MEAN    | DAILY MEAN/MOY. JOURNALIERE |           | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |             |       |
|-----------|---------|-----------------------------|-----------|---------------------------------------|---------|-------------|-------|
| MOIS      | MOYENNE | MAXIMUM                     | MINIMUM   | MAXIMUM                               | MINIMUM |             |       |
|           |         | DY/JR                       | DY/JR     | TM/HR                                 | DY/JR   | TM/HR       | DY/JR |
| JAN       | 176.413 | 176.69 5                    | 176.22 20 | 176.76 2145                           | 5       | 175.96 630  | 20    |
| FEB/FEV   | 176.383 | 176.50 13                   | 176.26 11 | 176.59 415                            | 8       | 176.16 1745 | 14    |
| MAR       | 176.303 | 176.43 27                   | 176.06 12 | 176.68 1330                           | 30      | 175.95 1000 | 12    |
| APR/AVR   | 176.432 | 176.60 18                   | 176.29 3  | 176.68 600                            | 18      | 176.16 700  | 3     |
| MAY/MAI   | 176.454 | 176.55 13                   | 176.38 8  | 176.79 1025                           | 13      | 176.21 2040 | 15    |
| JUNE/JUIN | 176.432 | 176.50 5                    | 176.36 24 | 176.62 1832                           | 25      | 176.15 1658 | 6     |
| JULY/JUIL | 176.370 | 176.42 1                    | 176.33 28 | 176.55 1700                           | 15      | 176.20 1815 | 15    |
| AUG/AOUT  | 176.351 | 176.51 15                   | 176.23 23 | 176.62 345                            | 15      | 176.16 1230 | 23    |
| SEPT      | 176.251 | 176.34 10                   | 176.09 29 | 176.46 315                            | 13      | 176.03 30   | 29    |
| OCT       | 176.198 | 176.38 28                   | 176.11 24 | 176.54 2245                           | 28      | 175.97 2215 | 27    |
| NOV       | 176.177 | 176.47 17                   | 176.00 5  | 176.54 1800                           | 17      | 175.82 815  | 10    |
| DEC       | 176.216 | 176.41 3                    | 176.02 22 | 176.65 1700                           | 3       | 175.61 530  | 23    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11500 COLLINGWOOD ONT  
LAT / LONG 4430N / 8013W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1906 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1906                                            | 1988    | 79    | 95 | 177.04  | IN/EN | 1986           |  | 175.46  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1906                                          | 12 1988 | 921   | 93 | 177.24  | IN/EN | 10 1986        |  | 175.35  | IN/EN | 3 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1906                                          | 12 1988 | 28049 | 93 | 177.47  | ON/LE | 9 11 1986      |  | 175.12  | ON/LE | 23 1 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1906                                          | 12 1988 | 930   | 94 | 177.58  | AT/A  | 1315 9 11 1986 |  | 174.80  | AT/A  | 816 26 6 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |               |                                          |               |                 |  | MINIMUM                           |                 |                                   |               |                 |               |                                          |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|---------------|------------------------------------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|---------------|------------------------------------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR                              | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR                              | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1987                              | 176.95          | 24                                | 1987          | 177.11          | 908           | 25                                       | 1972          | 177.25          |  | 1965                              | 175.38          | 23                                | 1965          | 175.12          | 953           | 24                                       | 1965          | 174.88          |  |
| 2             | 1987                              | 176.84          | 4                                 | 1987          | 176.97          | 1945          | 12                                       | 1987          | 177.20          |  | 1964                              | 175.40          | 9                                 | 1965          | 175.27          | 132           | 10                                       | 1965          | 175.03          |  |
| 3             | 1986                              | 176.86          | 18                                | 1973          | 176.98          | 2230          | 23                                       | 1986          | 177.16          |  | 1964                              | 175.35          | 26                                | 1964          | 175.22          | 506           | 26                                       | 1964          | 174.90          |  |
| 4             | 1986                              | 176.96          | 8                                 | 1986          | 177.06          | 935           | 19                                       | 1985          | 177.23          |  | 1964                              | 175.35          | 6                                 | 1964          | 175.21          | 1616          | 21                                       | 1964          | 174.96          |  |
| 5             | 1986                              | 177.00          | 1                                 | 1986          | 177.10          | 2000          | 1                                        | 1986          | 177.38          |  | 1964                              | 175.50          | 2                                 | 1964          | 175.37          | 2120          | 18                                       | 1964          | 175.16          |  |
| 6             | 1986                              | 177.06          | 24                                | 1986          | 177.14          | 648           | 25                                       | 1952          | 177.43          |  | 1964                              | 175.52          | 18                                | 1964          | 175.44          | 816           | 26                                       | 1964          | 174.80          |  |
| 7             | 1986                              | 177.12          | 29                                | 1986          | 177.22          | 1303          | 23                                       | 1952          | 177.42          |  | 1964                              | 175.54          | 13                                | 1964          | 175.43          | 1257          | 24                                       | 1934          | 175.22          |  |
| 8             | 1986                              | 177.14          | 11                                | 1986          | 177.25          | 1515          | 23                                       | 1986          | 177.35          |  | 1964                              | 175.56          | 22                                | 1964          | 175.43          | 1505          | 17                                       | 1964          | 175.21          |  |
| 9             | 1986                              | 177.13          | 13                                | 1986          | 177.25          | 1145          | 13                                       | 1986          | 177.41          |  | 1964                              | 175.56          | 19                                | 1964          | 175.42          | 1220          | 26                                       | 1964          | 175.28          |  |
| 10            | 1986                              | 177.24          | 6                                 | 1986          | 177.39          | 1845          | 5                                        | 1986          | 177.57          |  | 1964                              | 175.50          | 8                                 | 1964          | 175.40          | 737           | 21                                       | 1934          | 175.27          |  |
| 11            | 1986                              | 177.18          | 9                                 | 1986          | 177.47          | 1315          | 9                                        | 1986          | 177.58          |  | 1964                              | 175.45          | 28                                | 1964          | 175.26          | 530           | 28                                       | 1964          | 174.97          |  |
| 12            | 1986                              | 177.03          | 4                                 | 1986          | 177.27          | 530           | 6                                        | 1986          | 177.34          |  | 1964                              | 175.39          | 29                                | 1964          | 175.21          | 1130          | 29                                       | 1964          | 174.94          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11690 TOBERMORY ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.289 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                     |
|---------------------------------------|----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.413 IN/LE 5 MONTH/MOIS |  | 176.143 IN/LE 11 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.58 ON/LE 5 1           |  | 176.02 ON/LE 5 11           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.63 AT/A 525 ON/LE 5 1  |  | 175.86 AT/A 710 ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>MAXIMUM | JOURNALIERE<br>MINIMUM | INSTANTANEOUS LEVEL/NIVEAU<br>MAXIMUM | INSTANTANEOUS LEVEL/NIVEAU<br>MINIMUM |
|---------------|-----------------|----------------------------|------------------------|---------------------------------------|---------------------------------------|
|               |                 | DY/JR                      | DY/JR                  | TM/HR DY/JR                           | TM/HR DY/JR                           |
| JAN           | 176.383         | 176.58 5                   | 176.23 20              | 176.63 525 5                          | 176.12 520 20                         |
| FEB/FEV       | 176.328         | 176.42 22                  | 176.24 11              | 176.48 1855 7                         | 176.19 2115 11                        |
| MAR           | 176.264         | 176.37 27                  | 176.10 12              | 176.49 1515 30                        | 176.02 935 12                         |
| APR/AVR       | 176.390         | 176.50 18                  | 176.27 1               | 176.54 1415 17                        | 176.17 535 3                          |
| MAY/MAI       | 176.413         | 176.48 13                  | 176.37 8               | 176.57 1345 13                        | 176.31 1710 9                         |
| JUNE/JUIN     | 176.385         | 176.43 5                   | 176.35 17              | 176.53 702 25                         | 176.26 2243 24                        |
| JULY/JUIL     | 176.323         | 176.35 2                   | 176.29 28              | 176.53 23 16                          | 176.18 1455 15                        |
| AUG/AOUT      | 176.301         | 176.41 15                  | 176.22 31              | 176.49 520 15                         | 176.15 53 17                          |
| SEPT          | 176.203         | 176.27 2                   | 176.09 29              | 176.31 430 21                         | 176.05 1250 29                        |
| OCT           | 176.148         | 176.27 28                  | 176.09 9               | 176.34 1306 28                        | 176.05 510 18                         |
| NOV           | 176.143         | 176.36 17                  | 176.02 5               | 176.42 833 17                         | 175.97 355 5                          |
| DEC           | 176.186         | 176.29 2                   | 176.08 22              | 176.34 2304 2                         | 175.86 710 23                         |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11690 TOBERMORY ONT  
LAT / LONG 4515N / 8139W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1962 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1962                                            | 1988    | 27    | 100 | 177.01  | IN/EN | 1986          |  | 175.43  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1962                                          | 12 1988 | 315   | 99  | 177.21  | IN/EN | 10 1986       |  | 175.31  | IN/EN | 3 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1962                                          | 12 1988 | 9580  | 98  | 177.29  | ON/LE | 6 10 1986     |  | 175.19  | ON/LE | 23 1 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1962                                          | 12 1988 | 319   | 100 | 177.39  | AT/A  | 115 6 10 1986 |  | 175.05  | AT/A  | 536 24 1 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1987                              | 176.91          | 9                                 | 1986          | 177.07                                   | 1142          | 9           | 1986          | 177.15                            | 1965          | 175.35                            | 23          | 1965                                     | 175.19          | 536           | 24          | 1965                              | 175.05          |                                   |                 |
| 2             | 1986                              | 176.81          | 4                                 | 1987          | 176.91                                   | 1710          | 5           | 1987          | 176.96                            | 1964          | 175.36                            | 16          | 1964                                     | 175.30          | 420           | 10          | 1965                              | 175.20          |                                   |                 |
| 3             | 1986                              | 176.80          | 23                                | 1986          | 176.88                                   | 1040          | 14          | 1973          | 177.07                            | 1964          | 175.31                            | 20          | 1964                                     | 175.23          | 339           | 26          | 1964                              | 175.06          |                                   |                 |
| 4             | 1986                              | 176.93          | 8                                 | 1986          | 177.01                                   | 345           | 8           | 1986          | 177.04                            | 1964          | 175.33                            | 6           | 1964                                     | 175.23          | 247           | 6           | 1964                              | 175.15          |                                   |                 |
| 5             | 1986                              | 177.03          | 26                                | 1986          | 177.09                                   | 2010          | 1           | 1986          | 177.17                            | 1964          | 175.47                            | 2           | 1964                                     | 175.35          | 1219          | 2           | 1964                              | 175.31          |                                   |                 |
| 6             | 1974                              | 177.02          | 27                                | 1986          | 177.11                                   | 502           | 30          | 1974          | 177.21                            | 1964          | 175.49                            | 18          | 1964                                     | 175.44          | 651           | 26          | 1964                              | 175.32          |                                   |                 |
| 7             | 1986                              | 177.11          | 25                                | 1986          | 177.15                                   | 1050          | 2           | 1974          | 177.26                            | 1964          | 175.50                            | 12          | 1964                                     | 175.43          | 1743          | 28          | 1964                              | 175.36          |                                   |                 |
| 8             | 1986                              | 177.12          | 11                                | 1986          | 177.19                                   | 305           | 11          | 1986          | 177.23                            | 1964          | 175.52                            | 21          | 1964                                     | 175.43          | 2058          | 21          | 1964                              | 175.34          |                                   |                 |
| 9             | 1986                              | 177.10          | 30                                | 1986          | 177.18                                   | 715           | 30          | 1986          | 177.25                            | 1964          | 175.52                            | 19          | 1964                                     | 175.41          | 923           | 8           | 1964                              | 175.37          |                                   |                 |
| 10            | 1986                              | 177.21          | 6                                 | 1986          | 177.29                                   | 115           | 6           | 1986          | 177.39                            | 1964          | 175.48                            | 31          | 1964                                     | 175.39          | 715           | 29          | 1964                              | 175.36          |                                   |                 |
| 11            | 1985                              | 176.89          | 14                                | 1986          | 177.15                                   | 1930          | 14          | 1986          | 177.24                            | 1964          | 175.42                            | 27          | 1964                                     | 175.32          | 714           | 28          | 1964                              | 175.17          |                                   |                 |
| 12            | 1986                              | 177.00          | 4                                 | 1986          | 177.17                                   | 535           | 6           | 1986          | 177.22                            | 1964          | 175.36                            | 4           | 1964                                     | 175.23          | 1153          | 4           | 1964                              | 175.13          |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11860 GODERICH ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.377 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM       |                | MINIMUM                     |
|---------------------------------------|---------------|----------------|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.504 IN/LE | 5 MONTH/MOIS   | 176.200 IN/LE 11 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.70 ON/LE  | 5 1            | 176.04 ON/LE 23 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.75 AT/A   | 645 ON/LE 13 1 | 175.80 AT/A 530 ON/LE 27 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |
| JAN           | 176.449         | 176.70 5                    | 176.26 20        | 176.75 645                            | 13    | 176.16 715       | 20    |
| FEB/FEV       | 176.437         | 176.58 13                   | 176.36 28        | 176.71 915                            | 13    | 176.17 530       | 22    |
| MAR           | 176.366         | 176.47 27                   | 176.25 23        | 176.59 915                            | 30    | 176.12 1245      | 12    |
| APR/AVR       | 176.484         | 176.59 18                   | 176.36 3         | 176.70 2345                           | 17    | 176.24 1515      | 3     |
| MAY/MAI       | 176.504         | 176.56 16                   | 176.44 8         | 176.75 1815                           | 15    | 176.30 1615      | 9     |
| JUNE/JUIN     | 176.477         | 176.53 5                    | 176.43 24        | 176.62 1545                           | 7     | 176.29 800       | 25    |
| JULY/JUIL     | 176.428         | 176.46 1                    | 176.38 15        | 176.65 145                            | 16    | 176.20 345       | 16    |
| AUG/AOUT      | 176.392         | 176.50 15                   | 176.31 23        | 176.64 1830                           | 16    | 176.17 600       | 1     |
| SEPT          | 176.297         | 176.37 5                    | 176.17 29        | 176.48 745                            | 21    | 176.06 2330      | 19    |
| OCT           | 176.251         | 176.42 11                   | 176.15 16        | 176.55 300                            | 11    | 175.95 1915      | 27    |
| NOV           | 176.200         | 176.37 17                   | 176.05 6         | 176.50 2015                           | 17    | 175.94 1000      | 16    |
| DEC           | 176.245         | 176.40 3                    | 176.04 23        | 176.60 1830                           | 3     | 175.80 530       | 27    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11860 GODERICH ONT  
LAT / LONG 4344N / 8143W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1910 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1912                                            | 1988    | 77    | 100 | 177.10  | IN/EN | 1986           |  | 175.48  | IN/EN | 1964            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1910                                          | 12 1988 | 886   | 94  | 177.29  | IN/EN | 10 1986        |  | 175.38  | IN/EN | 3 1964          |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1910                                          | 12 1988 | 27086 | 94  | 177.42  | ON/LE | 9 11 1986      |  | 175.25  | ON/LE | 24 1 1965       |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1912                                          | 12 1988 | 875   | 95  | 177.60  | AT/A  | 1545 9 11 1986 |  | 175.03  | AT/A  | 1047 28 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
|         | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|         | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1       | 1987                                 | 176.99          | 24                                   | 1987          | 177.14          | 100                                         | 13          | 1986          | 177.26          | 1965                                 | 175.41          | 24                                   | 1965          | 175.25          | 152                                         | 25          | 1964          | 175.06          |  |
| 2       | 1986                                 | 176.91          | 8                                    | 1987          | 177.05          | 1245                                        | 8           | 1987          | 177.53          | 1964                                 | 175.41          | 10                                   | 1965          | 175.32          | 622                                         | 25          | 1964          | 175.20          |  |
| 3       | 1986                                 | 176.93          | 7                                    | 1986          | 177.11          | 1045                                        | 7           | 1986          | 177.23          | 1964                                 | 175.38          | 24                                   | 1964          | 175.29          | 622                                         | 17          | 1964          | 175.08          |  |
| 4       | 1986                                 | 177.03          | 9                                    | 1986          | 177.13          | 1915                                        | 7           | 1986          | 177.24          | 1964                                 | 175.38          | 6                                    | 1964          | 175.28          | 1346                                        | 21          | 1964          | 175.13          |  |
| 5       | 1986                                 | 177.08          | 2                                    | 1986          | 177.18          | 609                                         | 5           | 1952          | 177.40          | 1964                                 | 175.52          | 2                                    | 1964          | 175.42          | 803                                         | 13          | 1934          | 175.27          |  |
| 6       | 1986                                 | 177.13          | 27                                   | 1986          | 177.19          | 715                                         | 9           | 1985          | 177.41          | 1964                                 | 175.54          | 9                                    | 1964          | 175.47          | 644                                         | 26          | 1934          | 175.32          |  |
| 7       | 1986                                 | 177.18          | 29                                   | 1986          | 177.25          | 1809                                        | 23          | 1952          | 177.37          | 1964                                 | 175.56          | 14                                   | 1964          | 175.50          | 210                                         | 30          | 1934          | 175.33          |  |
| 8       | 1986                                 | 177.21          | 11                                   | 1986          | 177.28          | 1600                                        | 28          | 1986          | 177.37          | 1964                                 | 175.57          | 22                                   | 1964          | 175.47          | 1820                                        | 2           | 1934          | 175.23          |  |
| 9       | 1986                                 | 177.18          | 30                                   | 1986          | 177.29          | 100                                         | 23          | 1986          | 177.37          | 1964                                 | 175.57          | 19                                   | 1964          | 175.46          | 1554                                        | 19          | 1933          | 175.33          |  |
| 10      | 1986                                 | 177.29          | 6                                    | 1986          | 177.38          | 1330                                        | 8           | 1986          | 177.48          | 1964                                 | 175.52          | 8                                    | 1964          | 175.41          | 2332                                        | 28          | 1933          | 175.24          |  |
| 11      | 1986                                 | 177.20          | 9                                    | 1986          | 177.42          | 1545                                        | 9           | 1986          | 177.60          | 1964                                 | 175.47          | 28                                   | 1964          | 175.26          | 1047                                        | 28          | 1964          | 175.03          |  |
| 12      | 1986                                 | 177.08          | 4                                    | 1986          | 177.26          | 1815                                        | 2           | 1985          | 177.38          | 1964                                 | 175.41          | 29                                   | 1964          | 175.26          | 246                                         | 15          | 1933          | 175.07          |  |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11940 POINT EDWARD ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 176.121 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 360 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                      |
|---------------------------------------|----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 176.243 IN/LE 5 MONTH/MOIS |  | 175.953 IN/LE 11 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 176.36 ON/LE 13 2          |  | 175.77 ON/LE 23 12           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 176.61 AT/A 657 ON/LE 13 1 |  | 175.56 AT/A 1205 ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 176.183         | 176.31 13                   | 176.03 20        | 176.61 657 13                         | 175.89 750 20          |  |  |
| FEB/FEV       | 176.210         | 176.36 13                   | 176.08 22        | 176.48 1510 20                        | 175.74 850 22          |  |  |
| MAR           | 176.118         | 176.19 27                   | 176.00 23        | 176.31 35 20                          | 175.85 225 2           |  |  |
| APR/AVR       | 176.234         | 176.34 7                    | 176.12 3         | 176.47 50 18                          | 176.01 1555 6          |  |  |
| MAY/MAI       | 176.243         | 176.31 24                   | 176.17 8         | 176.49 620 13                         | 175.99 625 15          |  |  |
| JUNE/JUIN     | 176.221         | 176.26 26                   | 176.17 19        | 176.45 1655 25                        | 175.87 1005 22         |  |  |
| JULY/JUIL     | 176.173         | 176.21 1                    | 176.13 13        | 176.43 233 16                         | 175.91 1730 15         |  |  |
| AUG/AOUT      | 176.142         | 176.22 15                   | 176.07 31        | 176.43 1235 17                        | 175.89 345 17          |  |  |
| SEPT          | 176.044         | 176.18 5                    | 175.94 20        | 176.39 2345 4                         | 175.79 710 20          |  |  |
| OCT           | 175.987         | 176.13 11                   | 175.86 16        | 176.27 420 18                         | 175.62 2300 27         |  |  |
| NOV           | 175.953         | 176.05 18                   | 175.81 16        | 176.17 2045 17                        | 175.62 1155 16         |  |  |
| DEC           | 175.968         | 176.12 3                    | 175.77 23        | 176.45 2030 3                         | 175.56 1205 23         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11940 POINT EDWARD ONT  
LAT / LONG 4259N / 8225W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1927 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1927                                            | 1988    | 62    | 100 | 176.80  | IN/EN | 1986          |  | 175.26  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1927                                          | 12 1988 | 721   | 98  | 176.98  | IN/EN | 10 1986       |  | 175.16  | IN/EN | 12 1964       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1927                                          | 12 1988 | 21978 | 98  | 177.13  | ON/LE | 6 10 1986     |  | 174.98  | ON/LE | 28 11 1964    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1927                                          | 12 1988 | 733   | 99  | 177.49  | AT/A  | 1350 8 2 1987 |  | 174.66  | AT/A  | 1930 2 2 1976 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM      |        |             |       |                     |       |      |       |        | MINIMUM      |        |             |       |                     |       |      |       |        |
|---------------|--------------|--------|-------------|-------|---------------------|-------|------|-------|--------|--------------|--------|-------------|-------|---------------------|-------|------|-------|--------|
|               | MONTHLY MEAN |        | DAILY MEAN  |       | INSTANTANEOUS LEVEL |       |      |       |        | MONTHLY MEAN |        | DAILY MEAN  |       | INSTANTANEOUS LEVEL |       |      |       |        |
|               | MOYENNE      |        | MOYENNE     |       | NIVEAU              |       |      |       |        | MOYENNE      |        | MOYENNE     |       | NIVEAU              |       |      |       |        |
|               | MENSUELLE    |        | JOURNALIERE |       | INSTANTANE          |       |      |       |        | MENSUELLE    |        | JOURNALIERE |       | INSTANTANE          |       |      |       |        |
|               | YEAR         | VALUE  | DAY         | YEAR  | VALUE               | HOUR  | DAY  | YEAR  | VALUE  | YEAR         | VALUE  | DAY         | YEAR  | VALUE               | HOUR  | DAY  | YEAR  | VALUE  |
|               | ANNEE        | VALEUR | JOUR        | ANNEE | VALEUR              | HEURE | JOUR | ANNEE | VALEUR | ANNEE        | VALEUR | JOUR        | ANNEE | VALEUR              | HEURE | JOUR | ANNEE | VALEUR |
| 1             | 1986         | 176.72 | 13          | 1986  | 176.85              | 155   | 13   | 1986  | 177.08 | 1965         | 175.20 | 25          | 1964  | 175.00              | 1125  | 25   | 1964  | 174.71 |
| 2             | 1987         | 176.68 | 8           | 1987  | 176.95              | 1350  | 8    | 1987  | 177.49 | 1965         | 175.20 | 12          | 1965  | 175.04              | 1930  | 2    | 1976  | 174.66 |
| 3             | 1986         | 176.64 | 17          | 1973  | 176.88              | 1245  | 17   | 1973  | 177.05 | 1964         | 175.17 | 18          | 1965  | 174.99              | 917   | 18   | 1965  | 174.80 |
| 4             | 1986         | 176.73 | 9           | 1986  | 176.82              | 730   | 3    | 1975  | 177.07 | 1964         | 175.20 | 4           | 1934  | 175.06              | 1534  | 13   | 1964  | 174.93 |
| 5             | 1986         | 176.79 | 2           | 1986  | 176.88              | 705   | 5    | 1952  | 177.21 | 1964         | 175.30 | 6           | 1964  | 175.21              | 505   | 9    | 1964  | 174.96 |
| 6             | 1986         | 176.84 | 24          | 1986  | 176.89              | 615   | 9    | 1985  | 177.13 | 1964         | 175.32 | 9           | 1964  | 175.24              | 1009  | 26   | 1964  | 175.01 |
| 7             | 1986         | 176.89 | 29          | 1986  | 176.96              | 135   | 26   | 1986  | 177.08 | 1964         | 175.34 | 14          | 1964  | 175.26              | 649   | 16   | 1931  | 175.04 |
| 8             | 1986         | 176.90 | 11          | 1986  | 176.95              | 2055  | 26   | 1986  | 177.12 | 1964         | 175.34 | 28          | 1964  | 175.25              | 1154  | 2    | 1964  | 175.10 |
| 9             | 1986         | 176.88 | 30          | 1986  | 176.99              | 957   | 22   | 1986  | 177.13 | 1964         | 175.33 | 26          | 1964  | 175.23              | 1507  | 26   | 1964  | 175.02 |
| 10            | 1986         | 176.98 | 6           | 1986  | 177.13              | 421   | 6    | 1986  | 177.35 | 1964         | 175.26 | 8           | 1964  | 175.14              | 1504  | 19   | 1933  | 174.94 |
| 11            | 1986         | 176.87 | 4           | 1986  | 176.98              | 1415  | 9    | 1986  | 177.13 | 1964         | 175.20 | 28          | 1964  | 174.98              | 850   | 28   | 1964  | 174.67 |
| 12            | 1986         | 176.76 | 4           | 1986  | 176.86              | 545   | 24   | 1985  | 177.01 | 1964         | 175.16 | 16          | 1964  | 175.00              | 1013  | 16   | 1964  | 174.82 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11950 PORT LAMBTON ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 175.239 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                      |
|---------------------------------------|-----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 175.430 IN/LE 2 MONTH/MOIS  |  | 175.052 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 175.66 ON/LE 12 2           |  | 175.00 ON/LE 4 11            |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 175.72 AT/A 2052 ON/LE 15 1 |  | 174.87 AT/A 1950 ON/LE 22 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 175.411         | 175.65 15                   | 175.27 31        | 175.72 2052 15                        | 175.24 1507 31         |  |  |
| FEB/FEV       | 175.430         | 175.66 12                   | 175.27 1         | 175.72 730 12                         | 175.24 955 22          |  |  |
| MAR           | 175.269         | 175.32 30                   | 175.23 8         | 175.52 740 30                         | 175.18 2315 8          |  |  |
| APR/AVR       | 175.330         | 175.36 17                   | 175.29 2         | 175.50 1630 23                        | 175.18 1920 7          |  |  |
| MAY/MAI       | 175.327         | 175.35 9                    | 175.31 8         | 175.47 1535 9                         | 175.18 2230 24         |  |  |
| JUNE/JUIN     | 175.293         | 175.32 2                    | 175.27 16        | 175.40 1745 25                        | 175.16 2200 16         |  |  |
| JULY/JUIL     | 175.265         | 175.29 17                   | 175.25 8         | 175.36 1518 30                        | 175.12 435 16          |  |  |
| AUG/AOUT      | 175.229         | 175.26 1                    | 175.17 29        | 175.35 1848 16                        | 175.07 2235 30         |  |  |
| SEPT          | 175.144         | 175.19 5                    | 175.09 29        | 175.28 35 5                           | 175.00 1905 21         |  |  |
| OCT           | 175.073         | 175.12 24                   | 175.03 27        | 175.28 2355 17                        | 174.96 1105 17         |  |  |
| NOV           | 175.067         | 175.13 16                   | 175.00 4         | 175.26 1605 16                        | 174.96 1255 7          |  |  |
| DEC           | 175.052         | 175.10 2                    | 175.01 22        | 175.17 1300 2                         | 174.87 1950 22         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11950 PORT LAMBTON ONT  
LAT / LONG 4239N / 8230W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1927 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1927                                            | 1988    | 62    | 100 | 175.89  | IN/EN | 1986          |  | 174.48  | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1927                                          | 12 1988 | 733   | 99  | 176.00  | IN/EN | 10 1986       |  | 174.37  | IN/EN | 12 1964       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1927                                          | 12 1988 | 22275 | 99  | 176.19  | ON/LE | 15 3 1987     |  | 174.23  | ON/LE | 3 3 1931      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1931                                          | 12 1988 | 693   | 100 | 176.34  | AT/A  | 618 15 3 1987 |  | 174.21  | AT/A  | 1531 4 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM       |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
| MONTH<br>MOIS | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |  |
| 1             | 1986                                 | 175.98          | 2                                    | 1986          | 176.17          | 1300                                        | 10          | 1986          | 176.22          | 1936                                 | 174.38          | 31                                   | 1934          | 174.28          | 1531                                        | 14          | 1936          | 174.24          |  |
| 2             | 1986                                 | 175.88          | 16                                   | 1973          | 176.05          | 1830                                        | 14          | 1987          | 176.22          | 1935                                 | 174.39          | 24                                   | 1931          | 174.25          | 1900                                        | 28          | 1931          | 174.23          |  |
| 3             | 1986                                 | 175.83          | 15                                   | 1987          | 176.19          | 618                                         | 15          | 1987          | 176.34          | 1964                                 | 174.39          | 3                                    | 1931          | 174.23          | 1531                                        | 4           | 1964          | 174.21          |  |
| 4             | 1986                                 | 175.83          | 6                                    | 1984          | 175.97          | 1605                                        | 6           | 1984          | 176.10          | 1964                                 | 174.45          | 1                                    | 1964          | 174.40          | 1632                                        | 21          | 1964          | 174.37          |  |
| 5             | 1986                                 | 175.85          | 21                                   | 1986          | 175.88          | 1508                                        | 1           | 1986          | 175.94          | 1934                                 | 174.55          | 1                                    | 1964          | 174.51          | 2324                                        | 24          | 1964          | 174.42          |  |
| 6             | 1986                                 | 175.92          | 16                                   | 1986          | 175.98          | 710                                         | 9           | 1985          | 176.08          | 1964                                 | 174.55          | 1                                    | 1934          | 174.53          | 28                                          | 20          | 1964          | 174.42          |  |
| 7             | 1986                                 | 175.94          | 13                                   | 1986          | 175.96          | 1640                                        | 4           | 1986          | 176.03          | 1964                                 | 174.55          | 18                                   | 1964          | 174.53          | 55                                          | 19          | 1964          | 174.46          |  |
| 8             | 1986                                 | 175.92          | 7                                    | 1986          | 175.95          | 2141                                        | 26          | 1986          | 176.07          | 1964                                 | 174.54          | 22                                   | 1964          | 174.52          | 730                                         | 3           | 1964          | 174.43          |  |
| 9             | 1986                                 | 175.88          | 30                                   | 1986          | 175.99          | 2027                                        | 26          | 1986          | 176.10          | 1964                                 | 174.50          | 29                                   | 1964          | 174.44          | 2054                                        | 30          | 1964          | 174.38          |  |
| 10            | 1986                                 | 176.00          | 5                                    | 1986          | 176.10          | 1940                                        | 5           | 1986          | 176.21          | 1964                                 | 174.43          | 22                                   | 1964          | 174.39          | 2342                                        | 31          | 1964          | 174.32          |  |
| 11            | 1986                                 | 175.87          | 3                                    | 1986          | 175.96          | 1507                                        | 9           | 1986          | 176.06          | 1964                                 | 174.40          | 27                                   | 1964          | 174.34          | 2138                                        | 27          | 1964          | 174.21          |  |
| 12            | 1986                                 | 175.84          | 31                                   | 1985          | 176.15          | 1200                                        | 30          | 1985          | 176.22          | 1964                                 | 174.37          | 9                                    | 1964          | 174.33          | 529                                         | 4           | 1964          | 174.25          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11965 BELLE RIVER ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.979 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                      |
|---------------------------------------|----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 175.121 IN/LE 4 MONTH/MOIS |  | 174.772 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 175.26 ON/LE 10 1          |  | 174.62 ON/LE 6 11            |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 175.34 AT/A 1130 ON/LE 7 4 |  | 174.48 AT/A 2330 ON/LE 17 10 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 175.110         | 175.26 10                   | 175.00 31        | 175.27 1215 10                        | 174.96 1230 24         |  |  |
| FEB/FEV       | 175.065         | 175.11 4                    | 175.01 7         | 175.12 630 4                          | 175.00 2215 7          |  |  |
| MAR           | 175.035         | 175.09 31                   | 174.98 23        | 175.16 330 20                         | 174.92 800 25          |  |  |
| APR/AVR       | 175.121         | 175.25 7                    | 175.06 4         | 175.34 1130 7                         | 175.00 1745 20         |  |  |
| MAY/MAI       | 175.117         | 175.17 24                   | 175.06 9         | 175.31 2115 24                        | 174.98 1145 9          |  |  |
| JUNE/JUIN     | 175.083         | 175.15 3                    | 175.04 19        | 175.24 2015 1                         | 174.99 715 25          |  |  |
| JULY/JUIL     | 175.033         | 175.07 17                   | 174.99 30        | 175.18 1830 23                        | 174.89 1445 30         |  |  |
| AUG/AOUT      | 174.983         | 175.03 18                   | 174.91 25        | 175.14 1445 16                        | 174.87 1100 25         |  |  |
| SEPT          | 174.885         | 175.00 5                    | 174.79 20        | 175.10 315 5                          | 174.70 845 20          |  |  |
| OCT           | 174.790         | 174.88 2                    | 174.68 24        | 175.09 800 2                          | 174.48 2330 17         |  |  |
| NOV           | 174.774         | 174.86 20                   | 174.62 6         | 174.96 1730 20                        | 174.56 615 6           |  |  |
| DEC           | 174.772         | 174.82 11                   | 174.70 23        | 174.98 2300 3                         | 174.59 1145 23         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11965 BELLE RIVER ONT  
LAT / LONG 4217N / 8242W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1961 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |              |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|--------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |              |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1961                                            | 1988    | 28    | 100 | 175.64  | IN/EN | 1986           |  | 174.15  | IN/EN | 1964         |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1961                                          | 12 1988 | 330   | 98  | 175.75  | IN/EN | 10 1986        |  | 173.92  | IN/EN | 1 1964       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1961                                          | 12 1988 | 10035 | 98  | 175.86  | ON/LE | 4 10 1986      |  | 173.64  | ON/LE | 21 1 1964    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1961                                          | 12 1988 | 332   | 99  | 176.02  | AT/A  | 1345 17 3 1973 |  | 173.53  | AT/A  | 937 5 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |             |                                      |                 |             |                                             |               |                 |             | MINIMUM                              |                 |             |                                      |                 |               |                                             |               |                 |  |
|---------------|--------------------------------------|-----------------|-------------|--------------------------------------|-----------------|-------------|---------------------------------------------|---------------|-----------------|-------------|--------------------------------------|-----------------|-------------|--------------------------------------|-----------------|---------------|---------------------------------------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |                 |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |                 |             | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |                 |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |                 |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR | HOUR<br>HEURE                               | YEAR<br>ANNEE | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR                                 | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1986                                 | 175.58          | 7           | 1986                                 | 175.69          | 1600        | 19                                          | 1987          | 175.73          |             | 1964                                 | 173.92          | 21          | 1964                                 | 173.64          | 2235          | 21                                          | 1964          | 173.62          |  |
| 2             | 1986                                 | 175.59          | 7           | 1986                                 | 175.66          | 1845        | 8                                           | 1987          | 175.78          |             | 1964                                 | 173.92          | 1           | 1965                                 | 173.77          | 35            | 1                                           | 1965          | 173.74          |  |
| 3             | 1986                                 | 175.59          | 17          | 1973                                 | 175.81          | 1345        | 17                                          | 1973          | 176.02          |             | 1964                                 | 174.10          | 1           | 1964                                 | 173.81          | 937           | 5                                           | 1964          | 173.53          |  |
| 4             | 1986                                 | 175.61          | 22          | 1986                                 | 175.68          | 1715        | 4                                           | 1987          | 175.88          |             | 1964                                 | 174.23          | 1           | 1964                                 | 174.15          | 1300          | 14                                          | 1964          | 174.07          |  |
| 5             | 1986                                 | 175.62          | 19          | 1974                                 | 175.66          | 430         | 31                                          | 1985          | 175.83          |             | 1964                                 | 174.32          | 9           | 1964                                 | 174.25          | 800           | 9                                           | 1964          | 174.13          |  |
| 6             | 1986                                 | 175.71          | 20          | 1986                                 | 175.77          | 115         | 24                                          | 1986          | 175.85          |             | 1964                                 | 174.30          | 26          | 1964                                 | 174.26          | 2344          | 19                                          | 1964          | 174.12          |  |
| 7             | 1986                                 | 175.72          | 9           | 1986                                 | 175.74          | 1900        | 8                                           | 1986          | 175.80          |             | 1964                                 | 174.30          | 14          | 1964                                 | 174.25          | 1410          | 14                                          | 1964          | 174.17          |  |
| 8             | 1986                                 | 175.69          | 18          | 1986                                 | 175.72          | 1930        | 23                                          | 1986          | 175.77          |             | 1964                                 | 174.28          | 28          | 1964                                 | 174.24          | 1355          | 11                                          | 1964          | 174.18          |  |
| 9             | 1986                                 | 175.63          | 30          | 1986                                 | 175.72          | 1815        | 15                                          | 1986          | 175.82          |             | 1964                                 | 174.22          | 26          | 1964                                 | 174.11          | 650           | 27                                          | 1964          | 174.00          |  |
| 10            | 1986                                 | 175.75          | 4           | 1986                                 | 175.86          | 1930        | 5                                           | 1986          | 175.93          |             | 1964                                 | 174.10          | 25          | 1964                                 | 174.04          | 657           | 21                                          | 1964          | 173.98          |  |
| 11            | 1986                                 | 175.60          | 4           | 1986                                 | 175.70          | 700         | 4                                           | 1986          | 175.77          |             | 1964                                 | 174.02          | 28          | 1964                                 | 173.91          | 905           | 28                                          | 1964          | 173.71          |  |
| 12            | 1986                                 | 175.58          | 30          | 1985                                 | 175.67          | 545         | 24                                          | 1985          | 175.70          |             | 1964                                 | 174.02          | 14          | 1964                                 | 173.95          | 1025          | 14                                          | 1964          | 173.86          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11975 TECUMSEH ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 174.932 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 356 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                      |
|---------------------------------------|----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 175.072 IN/LE 5 MONTH/MOIS |  | 174.697 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 175.24 ON/LE 10 1          |  | 174.56 ON/LE 28 10           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 175.25 AT/A 945 ON/LE 10 1 |  | 174.38 AT/A 1200 ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |           | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                |         |  |  |
|---------------|-----------------|-----------------------------|-----------|---------------------------------------|-------|----------------|---------|--|--|
|               |                 | MAXIMUM                     | MINIMUM   | MAXIMUM                               |       |                | MINIMUM |  |  |
|               |                 | DY/JR                       | DY/JR     | TM/HR                                 | DY/JR | TM/HR          | DY/JR   |  |  |
| JAN           | 175.048         | 175.24 10                   | 174.92 1  | 175.25 945 10                         |       | 174.85 1227 24 |         |  |  |
| FEB/FEV       | 175.005         | 175.04 4                    | 174.96 6  | 175.08 1130 27                        |       | 174.92 130 6   |         |  |  |
| MAR           | 174.983         | 175.06 31                   | 174.93 13 | 175.11 2005 28                        |       | 174.75 715 30  |         |  |  |
| APR/AVR       | 175.071         | 175.14 7                    | 175.01 17 | 175.21 415 23                         |       | 174.85 1805 23 |         |  |  |
| MAY/MAI       | 175.072         | 175.12 24                   | 175.01 9  | 175.23 1835 24                        |       | 174.92 1831 9  |         |  |  |
| JUNE/JUIN     | 175.039         | 175.12 2                    | 174.98 25 | 175.21 29 2                           |       | 174.88 1330 25 |         |  |  |
| JULY/JUIL     | 174.985         | 175.02 17                   | 174.95 10 | 175.13 2235 16                        |       | 174.87 1410 30 |         |  |  |
| AUG/AOUT      | 174.935         | 174.99 10                   | 174.83 25 | 175.06 1620 17                        |       | 174.75 27 15   |         |  |  |
| SEPT          | 174.843         | 174.90 5                    | 174.71 20 | 174.95 2210 28                        |       | 174.61 635 20  |         |  |  |
| OCT           | 174.724         | 174.82 2                    | 174.56 28 | 174.91 530 2                          |       | 174.46 1100 28 |         |  |  |
| NOV           | 174.721         | 174.81 23                   | 174.64 7  | 174.84 1250 20                        |       | 174.45 850 10  |         |  |  |
| DEC           | 174.697         | 174.76 22                   | 174.62 2  | 174.82 2257 3                         |       | 174.38 1200 23 |         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11975 TECUMSEH ONT  
LAT / LONG 4220N / 8255W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1926 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1927                                            | 1988    | 62    | 100 | 175.59  | IN/EN | 1986         |  | 173.99  | IN/EN | 1934          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1926                                         | 12 1988 | 719   | 97  | 175.70  | IN/EN | 10 1986      |  | 173.64  | IN/EN | 1 1936        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1926                                         | 12 1988 | 21930 | 97  | 175.79  | ON/LE | 10 10 1986   |  | 173.51  | ON/LE | 16 1 1936     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1926                                         | 12 1988 | 732   | 98  | 175.92  | AT/A  | 53 4 10 1986 |  | 173.41  | AT/A  | 853 13 1 1936 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1986                                 | 175.53          | 7                                    | 1986          | 175.68          | 1245                                        | 19          | 1987          | 175.73          | 1936                                 | 173.64          | 16                                   | 1936          | 173.51          | 853                                         | 13          | 1936          | 173.41          |
| 2             | 1986                                 | 175.52          | 7                                    | 1986          | 175.61          | 400                                         | 7           | 1986          | 175.63          | 1935                                 | 173.68          | 15                                   | 1935          | 173.63          | 1206                                        | 20          | 1935          | 173.60          |
| 3             | 1986                                 | 175.50          | 31                                   | 1985          | 175.67          | 530                                         | 31          | 1985          | 175.77          | 1934                                 | 173.78          | 9                                    | 1942          | 173.67          | 1747                                        | 9           | 1942          | 173.52          |
| 4             | 1985                                 | 175.55          | 8                                    | 1974          | 175.61          | 1500                                        | 9           | 1973          | 175.78          | 1934                                 | 174.09          | 1                                    | 1934          | 173.79          | 646                                         | 15          | 1935          | 173.74          |
| 5             | 1986                                 | 175.56          | 20                                   | 1974          | 175.64          | 1945                                        | 19          | 1974          | 175.67          | 1934                                 | 174.16          | 10                                   | 1934          | 174.08          | 1915                                        | 10          | 1934          | 174.01          |
| 6             | 1986                                 | 175.66          | 20                                   | 1986          | 175.73          | 1920                                        | 29          | 1986          | 175.79          | 1934                                 | 174.15          | 12                                   | 1934          | 174.08          | 2112                                        | 17          | 1936          | 173.98          |
| 7             | 1986                                 | 175.68          | 11                                   | 1986          | 175.73          | 1125                                        | 11          | 1986          | 175.77          | 1934                                 | 174.20          | 6                                    | 1934          | 174.16          | 1642                                        | 6           | 1934          | 174.03          |
| 8             | 1986                                 | 175.63          | 1                                    | 1986          | 175.67          | 2033                                        | 17          | 1986          | 175.76          | 1934                                 | 174.12          | 26                                   | 1934          | 174.02          | 1833                                        | 29          | 1936          | 173.96          |
| 9             | 1986                                 | 175.58          | 27                                   | 1986          | 175.68          | 2035                                        | 26          | 1986          | 175.76          | 1934                                 | 174.05          | 4                                    | 1934          | 173.94          | 0                                           | 25          | 1941          | 173.72          |
| 10            | 1986                                 | 175.70          | 10                                   | 1986          | 175.79          | 53                                          | 4           | 1986          | 175.92          | 1934                                 | 173.99          | 30                                   | 1934          | 173.88          | 1343                                        | 3           | 1935          | 173.78          |
| 11            | 1986                                 | 175.55          | 5                                    | 1986          | 175.66          | 709                                         | 22          | 1985          | 175.71          | 1934                                 | 173.89          | 21                                   | 1964          | 173.76          | 2042                                        | 20          | 1964          | 173.56          |
| 12            | 1986                                 | 175.52          | 1                                    | 1986          | 175.69          | 1015                                        | 1           | 1986          | 175.74          | 1964                                 | 173.93          | 1                                    | 1934          | 173.70          | 1510                                        | 1           | 1934          | 173.57          |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11985 LA SALLE ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 174.604 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 311 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                      |
|---------------------------------------|-----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.766 IN/LE 5 MONTH/MOIS  |  | 174.353 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.97 ON/LE 10 1           |  | 174.07 ON/LE 27 10           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 175.03 AT/A 1710 ON/LE 13 1 |  | 174.00 AT/A 2100 ON/LE 27 10 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |                |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|----------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |                |  |  |
| JAN           | 174.750         | 174.97 10                   | 174.52 1         | 175.03 1710 13                        |                        |  | 174.39 2057 4  |  |  |
| FEB/FEV       | 174.710         | 174.79 11                   | 174.58 6         | 174.83 1132 11                        |                        |  | 174.48 1817 5  |  |  |
| MAR           | 174.667         | 174.75 22                   | 174.56 13        | 175.02 2028 30                        |                        |  | 174.44 915 30  |  |  |
| APR/AVR       | 174.749         | 174.81 22                   | 174.69 20        | 174.99 720 27                         |                        |  | 174.55 2003 23 |  |  |
| MAY/MAI       | 174.766         | 174.80 3                    | 174.73 10        | 174.89 845 16                         |                        |  | 174.62 1110 13 |  |  |
| AUG/AOUT      | 174.620         | 174.68 18                   | 174.47 25        | 174.80 1355 18                        |                        |  | 174.37 1735 25 |  |  |
| SEPT'         | 174.528         | 174.58 1                    | 174.35 20        | 174.70 2235 28                        |                        |  | 174.25 1315 20 |  |  |
| OCT           | 174.386         | 174.48 2                    | 174.07 27        | 174.57 1500 23                        |                        |  | 174.00 2100 27 |  |  |
| NOV           | 174.392         | 174.50 12                   | 174.18 17        | 174.62 2330 10                        |                        |  | 174.00 210 17  |  |  |
| DEC           | 174.353         | 174.46 22                   | 174.24 2         | 174.56 2055 22                        |                        |  | 174.07 1505 23 |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11985 LA SALLE ONT  
LAT / LONG 4214N / 8306W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

10 1925 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1926                                            | 1988    | 62    | 98 | 175.22  | IN/EN | 1986          |  | 173.78  | IN/EN | 1934          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 11 1925                                         | 12 1988 | 711   | 94 | 175.31  | IN/EN | 6 1986        |  | 173.47  | IN/EN | 1 1936        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 10 1925                                         | 12 1988 | 21764 | 94 | 175.44  | ON/LE | 1 12 1986     |  | 173.28  | ON/LE | 28 1 1926     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1926                                          | 12 1988 | 735   | 97 | 175.64  | AT/A  | 1615 9 4 1973 |  | 173.20  | AT/A  | 600 28 1 1926 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1987                                 | 175.16          | 4                                    | 1986          | 175.37          | 1410                                        | 19          | 1987          | 175.61          | 1936                                 | 173.47          | 28                                   | 1926          | 173.28          | 600                                         | 28          | 1926          | 173.20          |
| 2             | 1986                                 | 175.24          | 7                                    | 1986          | 175.39          | 245                                         | 7           | 1986          | 175.54          | 1926                                 | 173.48          | 15                                   | 1926          | 173.42          | 2214                                        | 25          | 1926          | 173.25          |
| 3             | 1986                                 | 175.19          | 18                                   | 1986          | 175.27          | 1145                                        | 12          | 1974          | 175.40          | 1934                                 | 173.60          | 9                                    | 1942          | 173.40          | 2041                                        | 9           | 1942          | 173.28          |
| 4             | 1986                                 | 175.22          | 9                                    | 1973          | 175.35          | 1615                                        | 9           | 1973          | 175.64          | 1926                                 | 173.80          | 1                                    | 1926          | 173.48          | 1638                                        | 1           | 1926          | 173.39          |
| 5             | 1986                                 | 175.24          | 20                                   | 1974          | 175.30          | 1515                                        | 8           | 1974          | 175.44          | 1934                                 | 173.93          | 10                                   | 1934          | 173.84          | 1339                                        | 9           | 1964          | 173.68          |
| 6             | 1986                                 | 175.31          | 21                                   | 1986          | 175.38          | 425                                         | 17          | 1986          | 175.49          | 1934                                 | 173.96          | 2                                    | 1926          | 173.87          | 1619                                        | 2           | 1926          | 173.72          |
| 7             | 1974                                 | 175.16          | 5                                    | 1986          | 175.29          | 2148                                        | 5           | 1986          | 175.36          | 1934                                 | 174.01          | 10                                   | 1926          | 173.91          | 1722                                        | 6           | 1934          | 173.87          |
| 8             | 1986                                 | 175.26          | 6                                    | 1986          | 175.31          | 2048                                        | 6           | 1986          | 175.47          | 1934                                 | 173.90          | 26                                   | 1934          | 173.79          | 1818                                        | 29          | 1936          | 173.69          |
| 9             | 1986                                 | 175.20          | 27                                   | 1986          | 175.28          | 1425                                        | 30          | 1986          | 175.39          | 1934                                 | 173.83          | 4                                    | 1934          | 173.72          | 1612                                        | 25          | 1941          | 173.42          |
| 10            | 1986                                 | 175.30          | 10                                   | 1986          | 175.43          | 1730                                        | 10          | 1986          | 175.53          | 1934                                 | 173.75          | 28                                   | 1934          | 173.62          | 1536                                        | 3           | 1935          | 173.47          |
| 11            | 1986                                 | 175.15          | 30                                   | 1986          | 175.29          | 2400                                        | 30          | 1986          | 175.43          | 1934                                 | 173.67          | 21                                   | 1964          | 173.43          | 2038                                        | 21          | 1964          | 173.27          |
| 12            | 1986                                 | 175.16          | 1                                    | 1986          | 175.44          | 1000                                        | 1           | 1986          | 175.52          | 1934                                 | 173.69          | 4                                    | 1934          | 173.43          | 908                                         | 8           | 1927          | 173.20          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 11995 AMHERSTBURG ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.468 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 345 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                     |
|---------------------------------------|-----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.624 IN/LE 5 MONTH/MOIS  |  | 174.189 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.76 ON/LE 10 1           |  | 173.98 ON/LE 24 10          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.94 AT/A 1840 ON/LE 13 3 |  | 173.79 AT/A 215 ON/LE 17 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 174.572         | 174.76 10                   | 174.34 1         | 174.89 1720 13                        | 174.13 2022 4          |  |  |
| FEB/FEV       | 174.541         | 174.64 11                   | 174.40 6         | 174.67 302 11                         | 174.27 1845 5          |  |  |
| MAR           | 174.521         | 174.62 22                   | 174.38 13        | 174.94 1840 13                        | 174.27 2045 30         |  |  |
| APR/AVR       | 174.607         | 174.67 22                   | 174.53 20        | 174.91 725 27                         | 174.36 431 24          |  |  |
| MAY/MAI       | 174.624         | 174.67 3                    | 174.59 10        | 174.78 820 16                         | 174.44 1133 13         |  |  |
| JUNE/JUIN     | 174.584         | 174.71 2                    | 174.52 22        | 174.94 204 2                          | 174.43 1525 25         |  |  |
| JULY/JUIL     | 174.529         | 174.58 20                   | 174.47 14        | 174.66 1135 17                        | 174.35 1240 10         |  |  |
| AUG/AOUT      | 174.469         | 174.54 19                   | 174.31 25        | 174.69 1415 18                        | 174.19 1745 25         |  |  |
| SEPT          | 174.376         | 174.45 16                   | 174.27 21        | 174.60 2330 28                        | 174.16 2400 20         |  |  |
| OCT           | 174.224         | 174.32 1                    | 173.98 24        | 174.45 2200 17                        | 173.82 1750 24         |  |  |
| NOV           | 174.240         | 174.36 15                   | 173.99 17        | 174.45 1030 16                        | 173.79 215 17          |  |  |
| DEC           | 174.189         | 174.32 22                   | 174.06 2         | 174.46 1900 22                        | 173.86 1400 23         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 11995 AMHERSTBURG ONT  
LAT / LONG 4208N / 8306W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1925 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 175.08  | IN/EN | 1986           |  | 173.74  | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1925                                         | 12 1988 | 321   | 42  | 175.18  | IN/EN | 6 1986         |  | 173.53  | IN/EN | 1 1965         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1925                                         | 12 1988 | 9869  | 43  | 175.34  | ON/LE | 1 12 1986      |  | 173.02  | ON/LE | 21 11 1964     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1925                                         | 12 1988 | 339   | 45  | 175.86  | AT/A  | 1830 27 5 1973 |  | 172.58  | AT/A  | 2255 27 1 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1987                              | 175.02          | 19                                | 1987          | 175.18                                   | 1355          | 19          | 1987          | 175.57                            | 1965          | 173.53                            | 27          | 1965                                     | 173.07          | 2255          | 27          | 1965                              | 172.58          |                                   |                 |
| 2             | 1986                              | 175.09          | 7                                 | 1986          | 175.32                                   | 217           | 7           | 1986          | 175.57                            | 1964          | 173.55                            | 3           | 1965                                     | 173.41          | 2207          | 12          | 1965                              | 173.24          |                                   |                 |
| 3             | 1986                              | 175.04          | 18                                | 1986          | 175.14                                   | 530           | 4           | 1985          | 175.51                            | 1964          | 173.69                            | 5           | 1964                                     | 173.31          | 1331          | 5           | 1964                              | 172.68          |                                   |                 |
| 4             | 1985                              | 175.10          | 9                                 | 1973          | 175.24                                   | 1600          | 9           | 1973          | 175.58                            | 1964          | 173.87                            | 8           | 1964                                     | 173.67          | 830           | 12          | 1965                              | 173.48          |                                   |                 |
| 5             | 1986                              | 175.11          | 20                                | 1974          | 175.18                                   | 1830          | 27          | 1973          | 175.86                            | 1964          | 173.93                            | 9           | 1964                                     | 173.70          | 911           | 9           | 1964                              | 173.37          |                                   |                 |
| 6             | 1986                              | 175.18          | 17                                | 1973          | 175.26                                   | 245           | 17          | 1973          | 175.60                            | 1964          | 173.92                            | 24          | 1964                                     | 173.82          | 1439          | 24          | 1964                              | 173.61          |                                   |                 |
| 7             | 1986                              | 175.17          | 11                                | 1986          | 175.25                                   | 1920          | 11          | 1986          | 175.35                            | 1964          | 173.90                            | 13          | 1964                                     | 173.84          | 1145          | 1           | 1974                              | 173.13          |                                   |                 |
| 8             | 1986                              | 175.11          | 19                                | 1986          | 175.17                                   | 2025          | 6           | 1986          | 175.34                            | 1964          | 173.85                            | 12          | 1964                                     | 173.75          | 1947          | 13          | 1963                              | 173.65          |                                   |                 |
| 9             | 1986                              | 175.03          | 27                                | 1986          | 175.11                                   | 1250          | 30          | 1986          | 175.26                            | 1964          | 173.80                            | 24          | 1964                                     | 173.55          | 1030          | 24          | 1964                              | 173.34          |                                   |                 |
| 10            | 1986                              | 175.14          | 10                                | 1986          | 175.27                                   | 435           | 4           | 1986          | 175.42                            | 1964          | 173.64                            | 9           | 1964                                     | 173.49          | 1850          | 21          | 1964                              | 173.25          |                                   |                 |
| 11            | 1986                              | 175.02          | 30                                | 1986          | 175.19                                   | 812           | 22          | 1985          | 175.42                            | 1964          | 173.55                            | 21          | 1964                                     | 173.02          | 1130          | 21          | 1964                              | 172.66          |                                   |                 |
| 12            | 1986                              | 175.03          | 1                                 | 1986          | 175.34                                   | 945           | 1           | 1986          | 175.45                            | 1964          | 173.57                            | 14          | 1964                                     | 173.35          | 1810          | 14          | 1964                              | 173.14          |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12005 BAR POINT ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.071 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                     |
|---------------------------------------|-----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.298 IN/LE 5 MONTH/MOIS  |  | 173.774 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.40 ON/LE 2 6            |  | 173.47 ON/LE 24 10          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.81 AT/A 1945 ON/LE 30 3 |  | 173.12 AT/A 1945 ON/LE 4 1  |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |  |  |
| JAN           | 174.126         | 174.32 19                   | 173.75 4         | 174.59 1600                           | 13    | 173.12 1945      | 4     |  |  |
| FEB/FEV       | 174.133         | 174.30 11                   | 173.95 20        | 174.38 230                            | 11    | 173.54 2100      | 20    |  |  |
| MAR           | 174.183         | 174.33 22                   | 173.96 13        | 174.81 1945                           | 30    | 173.70 1815      | 13    |  |  |
| APR/AVR       | 174.269         | 174.36 22                   | 174.17 28        | 174.76 700                            | 27    | 173.78 400       | 24    |  |  |
| MAY/MAI       | 174.298         | 174.37 3                    | 174.26 25        | 174.57 800                            | 16    | 174.00 1245      | 16    |  |  |
| JUNE/JUIN     | 174.234         | 174.40 2                    | 174.14 28        | 174.79 200                            | 2     | 173.98 830       | 26    |  |  |
| JULY/JUIL     | 174.161         | 174.24 20                   | 174.09 14        | 174.43 1115                           | 17    | 173.83 630       | 17    |  |  |
| AUG/AOUT      | 174.083         | 174.17 3                    | 173.87 25        | 174.45 1245                           | 18    | 173.64 345       | 15    |  |  |
| SEPT          | 173.979         | 174.10 28                   | 173.73 20        | 174.35 2215                           | 28    | 173.47 1215      | 20    |  |  |
| OCT           | 173.801         | 173.93 20                   | 173.47 24        | 174.19 2215                           | 17    | 173.18 1800      | 24    |  |  |
| NOV           | 173.817         | 174.01 12                   | 173.49 17        | 174.30 2145                           | 10    | 173.13 1430      | 10    |  |  |
| DEC           | 173.774         | 173.97 22                   | 173.59 2         | 174.18 1830                           | 22    | 173.35 1415      | 23    |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12005 BAR POINT ONT  
LAT / LONG 4203N / 8306W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1966 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1966                                            | 1988    | 23    | 100 | 174.71  | IN/EN | 1986           |  | 173.65  | IN/EN | 1966           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1966                                          | 12 1988 | 267   | 99  | 174.86  | IN/EN | 6 1986         |  | 173.41  | IN/EN | 11 1966        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1966                                          | 12 1988 | 8104  | 98  | 175.09  | ON/LE | 1 12 1986      |  | 173.02  | ON/LE | 30 12 1966     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1966                                          | 12 1988 | 270   | 100 | 175.69  | AT/A  | 1341 19 5 1974 |  | 172.48  | AT/A  | 1600 26 1 1971 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1987                                 | 174.65          | 19                                   | 1987          | 174.83          | 1615                                        | 19          | 1987          | 175.26          | 1967                                 | 173.65          | 26                                   | 1971          | 173.20          | 1600                                        | 26          | 1971          | 172.48          |
| 2             | 1986                                 | 174.62          | 6                                    | 1986          | 174.87          | 215                                         | 7           | 1986          | 175.43          | 1967                                 | 173.68          | 16                                   | 1967          | 173.47          | 1228                                        | 16          | 1967          | 173.12          |
| 3             | 1986                                 | 174.70          | 31                                   | 1985          | 174.93          | 545                                         | 4           | 1985          | 175.37          | 1967                                 | 173.74          | 17                                   | 1967          | 173.46          | 1900                                        | 26          | 1970          | 172.86          |
| 4             | 1986                                 | 174.77          | 8                                    | 1974          | 175.04          | 1815                                        | 9           | 1973          | 175.45          | 1967                                 | 173.91          | 6                                    | 1979          | 173.41          | 415                                         | 6           | 1979          | 172.72          |
| 5             | 1986                                 | 174.79          | 2                                    | 1985          | 174.88          | 1341                                        | 19          | 1974          | 175.69          | 1967                                 | 174.06          | 2                                    | 1967          | 173.93          | 1753                                        | 16          | 1968          | 173.67          |
| 6             | 1986                                 | 174.86          | 17                                   | 1973          | 174.98          | 245                                         | 17          | 1973          | 175.55          | 1966                                 | 173.94          | 15                                   | 1966          | 173.87          | 252                                         | 10          | 1966          | 173.59          |
| 7             | 1986                                 | 174.85          | 11                                   | 1986          | 174.96          | 1030                                        | 26          | 1986          | 175.12          | 1966                                 | 173.84          | 10                                   | 1966          | 173.58          | 400                                         | 10          | 1966          | 173.33          |
| 8             | 1986                                 | 174.76          | 19                                   | 1986          | 174.85          | 2000                                        | 6           | 1986          | 175.14          | 1966                                 | 173.78          | 23                                   | 1966          | 173.62          | 2015                                        | 20          | 1966          | 173.42          |
| 9             | 1986                                 | 174.64          | 3                                    | 1986          | 174.75          | 200                                         | 25          | 1975          | 174.86          | 1966                                 | 173.68          | 29                                   | 1966          | 173.43          | 2359                                        | 29          | 1966          | 173.00          |
| 10            | 1986                                 | 174.74          | 10                                   | 1986          | 174.90          | 1730                                        | 10          | 1986          | 175.08          | 1966                                 | 173.44          | 11                                   | 1966          | 173.24          | 115                                         | 16          | 1966          | 172.95          |
| 11            | 1986                                 | 174.64          | 30                                   | 1986          | 174.89          | 800                                         | 14          | 1972          | 175.22          | 1966                                 | 173.41          | 3                                    | 1966          | 173.04          | 2250                                        | 3           | 1966          | 172.90          |
| 12            | 1986                                 | 174.67          | 1                                    | 1986          | 175.09          | 945                                         | 1           | 1986          | 175.21          | 1966                                 | 173.50          | 30                                   | 1966          | 173.02          | 2045                                        | 30          | 1971          | 172.63          |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12065 KINGSVILLE ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.087 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 339 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                      |
|---------------------------------------|----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.288 IN/LE 5 MONTH/MOIS |  | 173.773 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.34 ON/LE 2 6           |  | 173.56 ON/LE 17 11           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.76 AT/A 715 ON/LE 27 4 |  | 173.25 AT/A 2215 ON/LE 16 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 174.101         | 174.26 19                   | 173.82 4         | 174.49 1527 13                        | 173.31 1807 4          |  |  |
| FEB/FEV       | 174.107         | 174.26 11                   | 173.94 13        | 174.35 842 11                         | 173.57 1920 20         |  |  |
| MAR           | 174.178         | 174.28 22                   | 174.02 13        | 174.64 1848 30                        | 173.71 1137 30         |  |  |
| APR/AVR       | 174.271         | 174.32 12                   | 174.21 20        | 174.76 715 27                         | 173.92 1643 27         |  |  |
| MAY/MAI       | 174.288         | 174.33 18                   | 174.26 25        | 174.52 750 16                         | 173.99 2055 15         |  |  |
| JUNE/JUIN     | 174.230         | 174.34 2                    | 174.16 28        | 174.70 127 2                          | 173.97 820 26          |  |  |
| JULY/JUIL     | 174.158         | 174.22 20                   | 174.11 14        | 174.39 2120 10                        | 173.90 2235 30         |  |  |
| AUG/AOUT      | 174.088         | 174.17 1                    | 173.92 25        | 174.35 1145 18                        | 173.66 400 15          |  |  |
| SEPT          | 173.972         | 174.06 28                   | 173.88 21        | 174.23 2110 28                        | 173.64 500 23          |  |  |
| DEC           | 173.773         | 173.92 22                   | 173.63 2         | 174.09 1915 22                        | 173.32 1345 23         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12065 KINGSVILLE ONT  
LAT / LONG 4201N / 8244W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

3 1962 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1962                                            | 1988    | 27    | 100 | 174.71  | IN/EN | 1986           |  | 173.41  | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 4 1962                                          | 12 1988 | 311   | 97  | 174.88  | IN/EN | 7 1986         |  | 173.17  | IN/EN | 11 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 3 1962                                          | 12 1988 | 9544  | 97  | 175.01  | ON/LE | 18 7 1986      |  | 172.72  | ON/LE | 21 11 1964     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 3 1962                                          | 12 1988 | 320   | 99  | 175.41  | AT/A  | 1322 19 1 1987 |  | 171.95  | AT/A  | 400 21 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |             |                                   |                 |             |                                          |               |                 |             | MINIMUM                           |                 |             |                                   |                 |             |                                          |               |                 |             |
|---------------|-----------------------------------|-----------------|-------------|-----------------------------------|-----------------|-------------|------------------------------------------|---------------|-----------------|-------------|-----------------------------------|-----------------|-------------|-----------------------------------|-----------------|-------------|------------------------------------------|---------------|-----------------|-------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |                 |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |                 |             |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | HOUR<br>HEURE                            | YEAR<br>ANNEE | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | HOUR<br>HEURE                            | YEAR<br>ANNEE | VALUE<br>VALEUR | DAY<br>JOUR |
| 1             | 1987                              | 174.65          | 19          | 1987                              | 174.83          | 1322        | 19                                       | 1987          | 175.41          |             | 1965                              | 173.24          | 10          | 1964                              | 172.83          | 623         | 10                                       | 1964          | 172.27          |             |
| 2             | 1986                              | 174.60          | 6           | 1986                              | 174.78          | 545         | 7                                        | 1986          | 175.06          |             | 1964                              | 173.28          | 12          | 1965                              | 173.07          | 715         | 16                                       | 1967          | 172.20          |             |
| 3             | 1986                              | 174.69          | 31          | 1985                              | 174.87          | 500         | 4                                        | 1985          | 175.10          |             | 1964                              | 173.37          | 5           | 1964                              | 173.05          | 1555        | 5                                        | 1964          | 172.50          |             |
| 4             | 1985                              | 174.79          | 9           | 1973                              | 174.92          | 1815        | 9                                        | 1973          | 175.35          |             | 1964                              | 173.57          | 8           | 1964                              | 173.36          | 530         | 6                                        | 1979          | 172.54          |             |
| 5             | 1986                              | 174.79          | 2           | 1985                              | 174.86          | 2350        | 29                                       | 1986          | 175.28          |             | 1964                              | 173.65          | 9           | 1964                              | 173.53          | 1154        | 9                                        | 1964          | 173.12          |             |
| 6             | 1986                              | 174.86          | 17          | 1973                              | 174.97          | 200         | 17                                       | 1973          | 175.39          |             | 1964                              | 173.65          | 24          | 1964                              | 173.56          | 1825        | 10                                       | 1963          | 173.08          |             |
| 7             | 1986                              | 174.88          | 18          | 1986                              | 175.01          | 1946        | 11                                       | 1986          | 175.12          |             | 1964                              | 173.60          | 29          | 1964                              | 173.52          | 1941        | 14                                       | 1963          | 173.11          |             |
| 8             | 1986                              | 174.75          | 1           | 1986                              | 174.85          | 1950        | 9                                        | 1986          | 175.05          |             | 1964                              | 173.51          | 12          | 1964                              | 173.38          | 1830        | 13                                       | 1963          | 173.10          |             |
| 9             | 1986                              | 174.64          | 3           | 1986                              | 174.71          | 1050        | 30                                       | 1986          | 174.92          |             | 1964                              | 173.43          | 24          | 1964                              | 173.13          | 830         | 24                                       | 1964          | 172.80          |             |
| 10            | 1986                              | 174.74          | 10          | 1986                              | 174.86          | 1504        | 10                                       | 1986          | 175.09          |             | 1964                              | 173.26          | 9           | 1964                              | 173.09          | 1927        | 21                                       | 1964          | 172.57          |             |
| 11            | 1986                              | 174.64          | 30          | 1986                              | 174.84          | 900         | 14                                       | 1972          | 175.11          |             | 1964                              | 173.17          | 21          | 1964                              | 172.72          | 400         | 21                                       | 1964          | 171.95          |             |
| 12            | 1986                              | 174.67          | 24          | 1986                              | 174.84          | 1450        | 8                                        | 1986          | 175.05          |             | 1964                              | 173.18          | 24          | 1963                              | 172.96          | 2244        | 9                                        | 1963          | 172.40          |             |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12250 ERIEAU ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 174.132 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 313 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |                     | MINIMUM          |
|---------------------------------------|---------|---------------------|------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.294 | IN/LE 5 MONTH/MOIS  | 173.869          |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.33  | ON/LE 23 4          | 173.74           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.47  | AT/A 832 ON/LE 27 4 | 173.54           |
|                                       |         |                     | 2058 ON/LE 16 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 174.155         | 174.22 3                    | 174.07 5         | 174.28 2155 19                        | 173.79 900 13          |  |  |
| FEB/FEV       | 174.158         | 174.22 11                   | 174.09 13        | 174.25 852 7                          | 173.92 1942 20         |  |  |
| MAR           | 174.197         | 174.27 29                   | 174.16 13        | 174.38 1750 30                        | 174.01 1220 30         |  |  |
| APR/AVR       | 174.291         | 174.33 23                   | 174.24 1         | 174.47 832 27                         | 174.13 13 24           |  |  |
| MAY/MAI       | 174.294         | 174.31 2                    | 174.27 25        | 174.41 455 16                         | 174.13 2345 15         |  |  |
| JUNE/JUIN     | 174.231         | 174.29 7                    | 174.16 30        | 174.36 2330 1                         | 174.11 947 26          |  |  |
| JULY/JUIL     | 174.159         | 174.18 20                   | 174.14 11        | 174.28 635 17                         | 174.00 1445 30         |  |  |
| AUG/AOUT      | 174.093         | 174.15 1                    | 174.00 25        | 174.27 2005 1                         | 173.87 2240 23         |  |  |
| SEPT          | 173.978         | 174.05 3                    | 173.91 21        | 174.10 2021 3                         | 173.82 715 20          |  |  |
| OCT           | 173.869         | 173.92 1                    | 173.76 28        | 174.02 1820 23                        | 173.58 1830 18         |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12250 ERIEAU ONT  
LAT / LONG 4215N / 8154W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1957 TO/A 11 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1958                                            | 1988    | 31    | 100 | 174.72  | IN/EN | 1986         |  | 173.44  | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1957                                          | 10 1988 | 366   | 97  | 174.86  | IN/EN | 6 1986       |  | 173.23  | IN/EN | 12 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1957                                          | 11 1988 | 11134 | 97  | 174.91  | ON/LE | 15 6 1986    |  | 173.07  | ON/LE | 21 11 1964     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1957                                          | 11 1988 | 372   | 99  | 175.17  | AT/A  | 445 8 5 1973 |  | 172.78  | AT/A  | 250 21 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |               |                 |               |             |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             |               |                 |               |             |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR |
| 1             | 1987                              | 174.67          | 1                                 | 1987          | 174.74                                   | 1359          | 19          | 1987          | 174.96                            | 1965          | 173.29                            | 10          | 1964                                     | 173.16          | 454           | 22          | 1959          | 172.79          |               |             |
| 2             | 1986                              | 174.61          | 26                                | 1986          | 174.69                                   | 127           | 7           | 1986          | 174.83                            | 1964          | 173.32                            | 4           | 1964                                     | 173.27          | 1914          | 12          | 1965          | 173.02          |               |             |
| 3             | 1986                              | 174.72          | 31                                | 1985          | 174.81                                   | 745           | 31          | 1985          | 174.97                            | 1964          | 173.41                            | 5           | 1964                                     | 173.29          | 1145          | 26          | 1964          | 173.05          |               |             |
| 4             | 1985                              | 174.80          | 13                                | 1985          | 174.85                                   | 1345          | 9           | 1973          | 174.98                            | 1964          | 173.58                            | 3           | 1964                                     | 173.43          | 1117          | 3           | 1964          | 173.25          |               |             |
| 5             | 1986                              | 174.80          | 19                                | 1986          | 174.83                                   | 445           | 8           | 1973          | 175.17                            | 1964          | 173.66                            | 20          | 1958                                     | 173.61          | 1038          | 9           | 1964          | 173.43          |               |             |
| 6             | 1986                              | 174.86          | 15                                | 1986          | 174.91                                   | 2345          | 16          | 1973          | 175.05                            | 1964          | 173.64                            | 10          | 1964                                     | 173.62          | 2249          | 23          | 1964          | 173.48          |               |             |
| 7             | 1986                              | 174.85          | 12                                | 1986          | 174.89                                   | 2115          | 12          | 1986          | 175.01                            | 1964          | 173.60                            | 29          | 1964                                     | 173.54          | 1849          | 14          | 1963          | 173.45          |               |             |
| 8             | 1986                              | 174.76          | 1                                 | 1986          | 174.82                                   | 1957          | 6           | 1986          | 174.98                            | 1964          | 173.53                            | 19          | 1964                                     | 173.48          | 622           | 12          | 1964          | 173.31          |               |             |
| 9             | 1986                              | 174.65          | 27                                | 1986          | 174.71                                   | 1110          | 30          | 1986          | 174.83                            | 1964          | 173.46                            | 24          | 1964                                     | 173.34          | 733           | 24          | 1964          | 173.19          |               |             |
| 10            | 1986                              | 174.75          | 10                                | 1986          | 174.80                                   | 1249          | 10          | 1986          | 174.89                            | 1964          | 173.31                            | 24          | 1964                                     | 173.24          | 1701          | 21          | 1964          | 172.85          |               |             |
| 11            | 1986                              | 174.65          | 7                                 | 1986          | 174.72                                   | 1010          | 28          | 1985          | 174.83                            | 1964          | 173.23                            | 21          | 1964                                     | 173.07          | 250           | 21          | 1964          | 172.78          |               |             |
| 12            | 1986                              | 174.71          | 1                                 | 1986          | 174.81                                   | 745           | 2           | 1986          | 174.92                            | 1964          | 173.23                            | 14          | 1964                                     | 173.14          | 1304          | 14          | 1964          | 173.00          |               |             |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12400 PORT STANLEY ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.086 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                      |
|---------------------------------------|-----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.274 IN/LE 4 MONTH/MOIS  |  | 173.845 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.32 ON/LE 17 4           |  | 173.77 ON/LE 15 12           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.54 AT/A 1730 ON/LE 27 4 |  | 173.53 AT/A 1345 ON/LE 10 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 174.174         | 174.26 1                    | 174.12 19        | 174.37 1115 13                        | 173.91 1615 13         |  |  |
| FEB/FEV       | 174.168         | 174.24 7                    | 174.12 2         | 174.36 2145 20                        | 173.99 1715 20         |  |  |
| MAR           | 174.178         | 174.24 30                   | 174.13 3         | 174.49 1530 30                        | 174.04 1230 30         |  |  |
| APR/AVR       | 174.274         | 174.32 17                   | 174.20 2         | 174.54 1730 27                        | 174.09 745 23          |  |  |
| MAY/MAI       | 174.267         | 174.31 9                    | 174.23 25        | 174.49 2230 9                         | 174.06 30 16           |  |  |
| JUNE/JUIN     | 174.202         | 174.25 1                    | 174.11 30        | 174.32 1345 2                         | 174.05 200 26          |  |  |
| JULY/JUIL     | 174.139         | 174.16 19                   | 174.12 1         | 174.43 445 17                         | 173.90 400 17          |  |  |
| AUG/AOUT      | 174.083         | 174.15 5                    | 174.01 26        | 174.33 2245 5                         | 173.91 200 25          |  |  |
| SEPT          | 173.958         | 174.03 3                    | 173.87 28        | 174.21 1000 20                        | 173.74 1415 23         |  |  |
| OCT           | 173.879         | 173.95 24                   | 173.82 29        | 174.19 200 18                         | 173.54 645 18          |  |  |
| NOV           | 173.873         | 173.94 13                   | 173.79 2         | 174.23 1630 10                        | 173.53 1345 10         |  |  |
| DEC           | 173.845         | 173.91 2                    | 173.77 15        | 174.06 530 23                         | 173.53 2145 3          |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12400 PORT STANLEY ONT  
LAT / LONG 4239N / 8112W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1908 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |              |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|--------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |              |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1909                                            | 1988    | 65    | 81 | 174.71  | IN/EN | 1986         |  | 173.16  | IN/EN | 1934           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1908                                          | 12 1988 | 766   | 79 | 174.85  | IN/EN | 6 1986       |  | 173.01  | IN/EN | 2 1936         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1908                                          | 12 1988 | 23343 | 79 | 174.92  | ON/LE | 6 4 1985     |  | 172.94  | ON/LE | 19 1 1936      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1926                                          | 12 1988 | 747   | 99 | 175.16  | AT/A  | 345 6 4 1985 |  | 172.69  | AT/A  | 1024 17 3 1935 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1987                              | 174.68          | 20                                | 1987          | 174.73                                   | 1300          | 26          | 1978          | 174.97                            | 1935          | 173.05                            | 19          | 1936                                     | 172.94          | 1641          | 3           | 1935                              | 172.71          |                                   |                 |
| 2             | 1987                              | 174.58          | 1                                 | 1987          | 174.67                                   | 1715          | 7           | 1986          | 174.76                            | 1936          | 173.01                            | 22          | 1935                                     | 172.95          | 2052          | 5           | 1935                              | 172.85          |                                   |                 |
| 3             | 1986                              | 174.70          | 22                                | 1986          | 174.79                                   | 1826          | 22          | 1955          | 175.01                            | 1934          | 173.02                            | 18          | 1934                                     | 172.98          | 1024          | 17          | 1935                              | 172.69          |                                   |                 |
| 4             | 1985                              | 174.80          | 6                                 | 1985          | 174.92                                   | 345           | 6           | 1985          | 175.16                            | 1934          | 173.20                            | 3           | 1934                                     | 173.07          | 1959          | 3           | 1934                              | 172.70          |                                   |                 |
| 5             | 1986                              | 174.78          | 21                                | 1986          | 174.82                                   | 1315          | 7           | 1986          | 174.97                            | 1934          | 173.26                            | 2           | 1935                                     | 173.19          | 301           | 4           | 1935                              | 173.05          |                                   |                 |
| 6             | 1986                              | 174.85          | 12                                | 1986          | 174.91                                   | 815           | 24          | 1986          | 175.08                            | 1934          | 173.27                            | 8           | 1934                                     | 173.24          | 2322          | 26          | 1934                              | 173.12          |                                   |                 |
| 7             | 1986                              | 174.85          | 13                                | 1986          | 174.90                                   | 1145          | 29          | 1974          | 175.02                            | 1934          | 173.27                            | 28          | 1934                                     | 173.22          | 2248          | 13          | 1934                              | 173.06          |                                   |                 |
| 8             | 1986                              | 174.75          | 1                                 | 1986          | 174.82                                   | 2230          | 2           | 1986          | 175.03                            | 1934          | 173.24                            | 27          | 1934                                     | 173.18          | 220           | 3           | 1934                              | 172.89          |                                   |                 |
| 9             | 1986                              | 174.64          | 29                                | 1986          | 174.73                                   | 900           | 29          | 1986          | 174.91                            | 1934          | 173.21                            | 7           | 1934                                     | 173.13          | 1113          | 27          | 1934                              | 173.02          |                                   |                 |
| 10            | 1986                              | 174.75          | 8                                 | 1986          | 174.81                                   | 800           | 14          | 1986          | 174.96                            | 1934          | 173.13                            | 28          | 1934                                     | 173.04          | 1254          | 28          | 1934                              | 172.82          |                                   |                 |
| 11            | 1986                              | 174.67          | 1                                 | 1986          | 174.74                                   | 1200          | 20          | 1985          | 174.93                            | 1934          | 173.05                            | 14          | 1934                                     | 172.97          | 1549          | 13          | 1934                              | 172.78          |                                   |                 |
| 12            | 1986                              | 174.72          | 11                                | 1986          | 174.77                                   | 800           | 2           | 1985          | 175.14                            | 1934          | 173.04                            | 14          | 1934                                     | 172.99          | 1335          | 13          | 1934                              | 172.82          |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12710 PORT DOVER ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 174.062 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 358 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                      |
|---------------------------------------|----------------------------|--|------------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.241 IN/LE 4 MONTH/MOIS |  | 173.856 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.33 ON/LE 20 4          |  | 173.71 ON/LE 31 10           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 174.88 AT/A 826 ON/LE 13 1 |  | 173.44 AT/A 2030 ON/LE 10 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |  |  |
| JAN           | 174.141         | 174.25 26                   | 174.02 19        | 174.88 826 13                         | 173.77 1412 13         |  |  |  |  |
| FEB/FEV       | 174.149         | 174.28 6                    | 174.01 11        | 174.59 1900 20                        | 173.93 430 11          |  |  |  |  |
| MAR           | 174.144         | 174.28 13                   | 174.06 22        | 174.79 1245 30                        | 173.83 1930 30         |  |  |  |  |
| APR/AVR       | 174.241         | 174.33 20                   | 174.13 2         | 174.71 1530 27                        | 173.97 700 27          |  |  |  |  |
| MAY/MAI       | 174.220         | 174.25 1                    | 174.17 18        | 174.52 1945 9                         | 173.99 700 16          |  |  |  |  |
| JUNE/JUIN     | 174.168         | 174.25 5                    | 174.10 30        | 174.34 900 5                          | 173.99 130 26          |  |  |  |  |
| JULY/JUIL     | 174.105         | 174.15 11                   | 174.08 13        | 174.41 400 11                         | 173.92 2230 30         |  |  |  |  |
| AUG/AOUT      | 174.054         | 174.13 6                    | 173.97 22        | 174.40 2330 5                         | 173.83 30 25           |  |  |  |  |
| SEPT          | 173.927         | 174.03 20                   | 173.75 28        | 174.35 630 23                         | 173.63 2230 28         |  |  |  |  |
| OCT           | 173.885         | 174.15 24                   | 173.71 31        | 174.41 1515 24                        | 173.58 1400 18         |  |  |  |  |
| NOV           | 173.873         | 174.10 17                   | 173.75 15        | 174.76 1445 10                        | 173.44 2030 10         |  |  |  |  |
| DEC           | 173.856         | 174.05 2                    | 173.71 22        | 174.27 1245 2                         | 173.59 1830 22         |  |  |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12710 PORT DOVER ONT  
LAT / LONG 4246N / 8012W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1958 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1958                                            | 1988    | 31    | 100 | 174.68  | IN/EN | 1986          |  | 173.41  | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1958                                          | 12 1988 | 347   | 95  | 174.82  | IN/EN | 6 1986        |  | 173.21  | IN/EN | 12 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1958                                          | 12 1988 | 10536 | 94  | 175.04  | ON/LE | 6 4 1985      |  | 172.83  | ON/LE | 12 1 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1958                                          | 12 1988 | 357   | 97  | 175.59  | AT/A  | 415 2 12 1985 |  | 172.22  | AT/A  | 1109 10 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1987                              | 174.67          | 11                                | 1987          | 174.80          | 1215                                     | 26          | 1978          | 175.47          |  | 1965                              | 173.28          | 12                                | 1964          | 172.83          | 152                                      | 13          | 1964          | 172.53          |  |
| 2             | 1987                              | 174.53          | 26                                | 1975          | 174.70          | 640                                      | 16          | 1967          | 175.13          |  | 1964                              | 173.29          | 9                                 | 1965          | 173.16          | 1935                                     | 25          | 1961          | 172.99          |  |
| 3             | 1986                              | 174.67          | 18                                | 1973          | 174.81          | 830                                      | 12          | 1985          | 175.51          |  | 1964                              | 173.37          | 10                                | 1964          | 173.07          | 1109                                     | 10          | 1964          | 172.22          |  |
| 4             | 1985                              | 174.76          | 6                                 | 1985          | 175.04          | 615                                      | 6           | 1985          | 175.50          |  | 1964                              | 173.52          | 5                                 | 1964          | 173.37          | 803                                      | 27          | 1966          | 173.18          |  |
| 5             | 1986                              | 174.74          | 3                                 | 1973          | 174.81          | 2216                                     | 12          | 1974          | 175.07          |  | 1964                              | 173.62          | 31                                | 1964          | 173.54          | 1830                                     | 9           | 1964          | 173.32          |  |
| 6             | 1986                              | 174.82          | 12                                | 1986          | 174.90          | 615                                      | 24          | 1986          | 175.22          |  | 1964                              | 173.60          | 5                                 | 1964          | 173.55          | 430                                      | 16          | 1964          | 173.39          |  |
| 7             | 1986                              | 174.82          | 13                                | 1986          | 174.89          | 330                                      | 26          | 1986          | 175.06          |  | 1964                              | 173.56          | 12                                | 1964          | 173.48          | 722                                      | 12          | 1964          | 173.24          |  |
| 8             | 1986                              | 174.72          | 1                                 | 1986          | 174.83          | 250                                      | 27          | 1986          | 175.19          |  | 1964                              | 173.50          | 27                                | 1964          | 173.44          | 2332                                     | 8           | 1964          | 173.26          |  |
| 9             | 1986                              | 174.61          | 30                                | 1986          | 174.72          | 752                                      | 12          | 1986          | 175.03          |  | 1964                              | 173.42          | 15                                | 1964          | 173.32          | 1959                                     | 12          | 1963          | 172.96          |  |
| 10            | 1986                              | 174.72          | 14                                | 1986          | 174.94          | 1935                                     | 27          | 1967          | 175.50          |  | 1964                              | 173.29          | 31                                | 1964          | 173.19          | 1205                                     | 29          | 1964          | 172.88          |  |
| 11            | 1986                              | 174.65          | 9                                 | 1986          | 174.86          | 1501                                     | 10          | 1975          | 175.51          |  | 1964                              | 173.26          | 27                                | 1964          | 173.11          | 2057                                     | 27          | 1964          | 172.87          |  |
| 12            | 1986                              | 174.70          | 2                                 | 1985          | 175.01          | 415                                      | 2           | 1985          | 175.59          |  | 1964                              | 173.21          | 4                                 | 1964          | 172.91          | 1223                                     | 4           | 1964          | 172.58          |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 12865 PORT COLBORNE ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 174.110 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                      |  | MINIMUM                     |
|---------------------------------------|------------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 174.276 IN/LE 4 MONTH/MOIS   |  | 173.930 IN/LE 11 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 174.63 ON/LE 4 1             |  | 173.70 ON/LE 22 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 175.27 AT/A 1300 ON/LE 10 11 |  | 173.51 AT/A 2330 ON/LE 28 9 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |      |    |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|------|----|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |      |    |
| JAN           | 174.242         | 174.63 4                    | 174.01 19        | 175.11 800 13                         | 173.78                 | 2030 | 19 |
| FEB/FEV       | 174.190         | 174.46 6                    | 173.98 11        | 174.97 1900 20                        | 173.88                 | 345  | 11 |
| MAR           | 174.171         | 174.36 13                   | 174.06 12        | 175.16 1145 30                        | 173.86                 | 1800 | 30 |
| APR/AVR       | 174.276         | 174.40 24                   | 174.14 2         | 174.96 1400 27                        | 173.90                 | 800  | 27 |
| MAY/MAI       | 174.241         | 174.29 13                   | 174.17 18        | 174.53 15 16                          | 174.00                 | 530  | 16 |
| JUNE/JUIN     | 174.203         | 174.32 5                    | 174.14 24        | 174.44 1045 5                         | 173.98                 | 115  | 2  |
| JULY/JUIL     | 174.139         | 174.21 11                   | 174.09 23        | 174.63 215 11                         | 173.94                 | 45   | 31 |
| AUG/AOUT      | 174.093         | 174.23 25                   | 173.97 22        | 174.47 1630 24                        | 173.81                 | 1630 | 23 |
| SEPT          | 173.960         | 174.13 20                   | 173.72 28        | 174.58 1345 20                        | 173.51                 | 2330 | 28 |
| OCT           | 173.947         | 174.31 24                   | 173.82 31        | 174.70 1645 10                        | 173.69                 | 1915 | 23 |
| NOV           | 173.930         | 174.32 17                   | 173.76 15        | 175.27 1300 10                        | 173.53                 | 1915 | 10 |
| DEC           | 173.930         | 174.28 2                    | 173.70 22        | 174.62 1400 2                         | 173.52                 | 1900 | 22 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 12865 PORT COLBORNE ONT  
LAT / LONG 4252N / 7915W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

8 1911 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1912                                            | 1988    | 77    | 100 | 174.72  | IN/EN | 1986          |  | 173.16  | IN/EN | 1934           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 8 1911                                          | 12 1988 | 929   | 100 | 174.85  | IN/EN | 6 1986        |  | 173.01  | IN/EN | 2 1935         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 8 1911                                          | 12 1988 | 28233 | 100 | 175.55  | ON/LE | 2 12 1985     |  | 172.69  | ON/LE | 7 3 1935       |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1912                                          | 12 1988 | 924   | 100 | 176.43  | AT/A  | 410 2 12 1985 |  | 171.97  | AT/A  | 1100 10 3 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |               |                 |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1987                                 | 174.72          | 21                                   | 1985          | 175.05                                      | 1200          | 26          | 1978          | 175.97                               | 1935          | 173.09                               | 23          | 1965                                        | 172.72          | 1100          | 30          | 1939          | 172.14          |               |                 |
| 2             | 1987                                 | 174.56          | 26                                   | 1975          | 174.96                                      | 629           | 16          | 1967          | 175.78                               | 1935          | 173.01                               | 5           | 1935                                        | 172.77          | 1900          | 1           | 1915          | 172.38          |               |                 |
| 3             | 1986                                 | 174.71          | 18                                   | 1973          | 174.97                                      | 2044          | 22          | 1955          | 175.81                               | 1934          | 173.01                               | 7           | 1935                                        | 172.69          | 1100          | 10          | 1964          | 171.97          |               |                 |
| 4             | 1985                                 | 174.82          | 6                                    | 1985          | 175.23                                      | 1552          | 1           | 1929          | 176.03                               | 1935          | 173.19                               | 7           | 1935                                        | 172.76          | 841           | 7           | 1935          | 172.60          |               |                 |
| 5             | 1986                                 | 174.77          | 3                                    | 1929          | 174.94                                      | 1711          | 9           | 1969          | 175.41                               | 1934          | 173.25                               | 3           | 1935                                        | 172.89          | 1100          | 3           | 1935          | 172.39          |               |                 |
| 6             | 1986                                 | 174.85          | 16                                   | 1986          | 174.96                                      | 2030          | 12          | 1986          | 175.25                               | 1934          | 173.25                               | 7           | 1934                                        | 173.13          | 2103          | 18          | 1935          | 172.95          |               |                 |
| 7             | 1986                                 | 174.84          | 14                                   | 1986          | 174.94                                      | 600           | 13          | 1973          | 175.15                               | 1934          | 173.24                               | 29          | 1934                                        | 173.14          | 130           | 29          | 1934          | 173.04          |               |                 |
| 8             | 1986                                 | 174.76          | 1                                    | 1986          | 174.88                                      | 215           | 27          | 1986          | 175.49                               | 1934          | 173.22                               | 30          | 1934                                        | 173.12          | 2255          | 2           | 1934          | 172.76          |               |                 |
| 9             | 1986                                 | 174.64          | 30                                   | 1986          | 174.80                                      | 35            | 27          | 1930          | 175.33                               | 1934          | 173.19                               | 7           | 1934                                        | 172.96          | 206           | 8           | 1934          | 172.80          |               |                 |
| 10            | 1986                                 | 174.76          | 14                                   | 1986          | 175.07                                      | 2034          | 27          | 1967          | 175.67                               | 1934          | 173.15                               | 4           | 1934                                        | 172.98          | 2250          | 31          | 1934          | 172.79          |               |                 |
| 11            | 1986                                 | 174.69          | 9                                    | 1986          | 175.04                                      | 915           | 3           | 1955          | 175.66                               | 1934          | 173.07                               | 25          | 1934                                        | 172.85          | 900           | 30          | 1934          | 172.63          |               |                 |
| 12            | 1986                                 | 174.76          | 2                                    | 1985          | 175.55                                      | 410           | 2           | 1985          | 176.43                               | 1934          | 173.10                               | 4           | 1964                                        | 172.83          | 1200          | 4           | 1964          | 172.44          |               |                 |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 13030 PORT WELLER ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 74.543 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                    |
|---------------------------------------|---------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 74.779 IN/LE 6 MONTH/MOIS |  | 74.316 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.83 ON/LE 27 5          |  | 74.25 ON/LE 25 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 74.91 AT/A 2145 ON/LE 1 6 |  | 74.15 AT/A 730 ON/LE 15 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>MAXIMUM | JOURNALIERE<br>MINIMUM | INSTANTANEOUS LEVEL/NIVEAU<br>MAXIMUM | INSTANTANE<br>MINIMUM |
|---------------|-----------------|----------------------------|------------------------|---------------------------------------|-----------------------|
|               |                 | DY/JR                      | DY/JR                  | TM/HR DY/JR                           | TM/HR DY/JR           |
| JAN           | 74.392          | 74.44 20                   | 74.31 5                | 74.51 30 20                           | 74.20 900 13          |
| FEB/FEV       | 74.453          | 74.51 11                   | 74.41 6                | 74.56 645 27                          | 74.32 2200 20         |
| MAR           | 74.459          | 74.54 29                   | 74.43 16               | 74.60 815 29                          | 74.38 1100 20         |
| APR/AVR       | 74.616          | 74.68 30                   | 74.53 1                | 74.75 1145 23                         | 74.50 1730 1          |
| MAY/MAI       | 74.755          | 74.83 27                   | 74.69 1                | 74.84 2400 26                         | 74.67 900 1           |
| JUNE/JUIN     | 74.779          | 74.81 1                    | 74.75 29               | 74.91 2145 1                          | 74.71 745 30          |
| JULY/JUIL     | 74.726          | 74.75 1                    | 74.70 16               | 74.79 1230 17                         | 74.62 615 16          |
| AUG/AOUT      | 74.652          | 74.72 1                    | 74.61 28               | 74.76 1845 1                          | 74.56 930 26          |
| SEPT          | 74.531          | 74.61 1                    | 74.47 30               | 74.65 945 4                           | 74.43 2400 29         |
| OCT           | 74.427          | 74.49 3                    | 74.36 28               | 74.52 700 3                           | 74.26 1100 28         |
| NOV           | 74.406          | 74.45 12                   | 74.35 2                | 74.53 630 10                          | 74.22 1430 10         |
| DEC           | 74.316          | 74.39 1                    | 74.25 25               | 74.44 2130 4                          | 74.15 730 15          |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 13030 PORT WELLER ONT  
LAT / LONG 4314N / 7913W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

8 1929 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1930                                            | 1988    | 35    | 59 | 75.07   | IN/EN | 1973           |  | 74.13   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 8 1929                                          | 12 1988 | 423   | 59 | 75.61   | IN/EN | 5 1973         |  | 73.67   | IN/EN | 1 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 8 1929                                          | 12 1988 | 12840 | 59 | 75.69   | ON/LE | 11 4 1973      |  | 73.55   | ON/LE | 3 2 1965      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 8 1929                                          | 12 1988 | 423   | 59 | 75.78   | AT/A  | 2400 10 4 1973 |  | 73.51   | AT/A  | 1305 3 2 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1978                              | 74.94           | 31                                | 1973          | 75.05                                    | 700           | 26          | 1978          | 75.13                             | 1965          | 73.67                             | 30          | 1965                                     | 73.61           | 5             | 27          | 1965                              | 73.52           |                                   |                 |
| 2             | 1973                              | 75.07           | 11                                | 1973          | 75.12                                    | 1157          | 26          | 1930          | 75.17                             | 1965          | 73.71                             | 3           | 1965                                     | 73.55           | 1305          | 3           | 1965                              | 73.51           |                                   |                 |
| 3             | 1973                              | 75.21           | 18                                | 1973          | 75.57                                    | 600           | 18          | 1973          | 75.67                             | 1964          | 73.87                             | 5           | 1964                                     | 73.73           | 1516          | 5           | 1964                              | 73.55           |                                   |                 |
| 4             | 1973                              | 75.54           | 11                                | 1973          | 75.69                                    | 2400          | 10          | 1973          | 75.78                             | 1965          | 74.09                             | 2           | 1965                                     | 73.95           | 1835          | 3           | 1964                              | 73.91           |                                   |                 |
| 5             | 1973                              | 75.61           | 16                                | 1973          | 75.65                                    | 1800          | 16          | 1973          | 75.74                             | 1931          | 74.35                             | 1           | 1965                                     | 74.26           | 1706          | 16          | 1931                              | 74.02           |                                   |                 |
| 6             | 1973                              | 75.57           | 5                                 | 1973          | 75.62                                    | 1500          | 5           | 1973          | 75.66                             | 1958          | 74.42                             | 29          | 1931                                     | 74.37           | 536           | 6           | 1931                              | 74.15           |                                   |                 |
| 7             | 1973                              | 75.38           | 1                                 | 1973          | 75.51                                    | 1900          | 11          | 1973          | 75.58                             | 1931          | 74.36                             | 25          | 1931                                     | 74.30           | 1729          | 11          | 1931                              | 74.08           |                                   |                 |
| 8             | 1929                              | 75.17           | 1                                 | 1976          | 75.28                                    | 121           | 3           | 1930          | 75.40                             | 1931          | 74.27                             | 31          | 1931                                     | 74.17           | 1706          | 31          | 1931                              | 73.97           |                                   |                 |
| 9             | 1929                              | 75.02           | 1                                 | 1929          | 75.10                                    | 258           | 2           | 1930          | 75.21                             | 1931          | 74.16                             | 17          | 1931                                     | 74.08           | 839           | 26          | 1931                              | 73.86           |                                   |                 |
| 10            | 1986                              | 75.02           | 3                                 | 1986          | 75.06                                    | 1600          | 4           | 1986          | 75.12                             | 1964          | 74.03                             | 30          | 1964                                     | 73.93           | 2001          | 21          | 1931                              | 73.79           |                                   |                 |
| 11            | 1986                              | 74.90           | 5                                 | 1986          | 75.00                                    | 415           | 2           | 1986          | 75.03                             | 1964          | 73.84                             | 21          | 1964                                     | 73.73           | 940           | 29          | 1964                              | 73.66           |                                   |                 |
| 12            | 1986                              | 74.88           | 8                                 | 1986          | 74.94                                    | 2145          | 24          | 1986          | 75.00                             | 1964          | 73.71                             | 19          | 1964                                     | 73.65           | 523           | 15          | 1964                              | 73.58           |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 13150 BURLINGTON ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 74.595 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 364 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |       |      |            | MINIMUM |       |      |             |
|---------------------------------------|---------|-------|------|------------|---------|-------|------|-------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 74.840  | IN/LE | 6    | MONTH/MOIS | 74.361  | IN/LE | 12   | MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.92   | ON/LE | 7    | 6          | 74.26   | ON/LE | 25   | 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 75.00   | AT/A  | 2145 | ON/LE 1 6  | 74.09   | AT/A  | 1000 | ON/LE 23 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |       |         |       | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |       |       |         |       |  |  |
|---------------|-----------------|-----------------------------|-------|---------|-------|---------------------------------------|-------|-------|-------|---------|-------|--|--|
|               |                 | MAXIMUM                     |       | MINIMUM |       | MAXIMUM                               |       |       |       | MINIMUM |       |  |  |
|               |                 |                             | DY/JR |         | DY/JR |                                       | TM/HR | DY/JR |       | TM/HR   | DY/JR |  |  |
| JAN           | 74.438          | 74.50                       | 29    | 74.29   | 5     | 74.59                                 | 2345  | 19    | 74.19 | 900     | 13    |  |  |
| FEB/FEV       | 74.495          | 74.60                       | 11    | 74.43   | 6     | 74.72                                 | 1945  | 11    | 74.31 | 2115    | 20    |  |  |
| MAR           | 74.511          | 74.60                       | 12    | 74.47   | 16    | 74.71                                 | 1100  | 12    | 74.41 | 415     | 24    |  |  |
| APR/AVR       | 74.673          | 74.74                       | 23    | 74.59   | 1     | 74.87                                 | 945   | 23    | 74.55 | 515     | 18    |  |  |
| MAY/MAI       | 74.818          | 74.89                       | 29    | 74.76   | 1     | 74.97                                 | 315   | 16    | 74.69 | 1300    | 13    |  |  |
| JUNE/JUIN     | 74.840          | 74.92                       | 7     | 74.79   | 30    | 75.00                                 | 2145  | 1     | 74.69 | 515     | 22    |  |  |
| JULY/JUIL     | 74.784          | 74.81                       | 3     | 74.73   | 16    | 74.86                                 | 115   | 24    | 74.63 | 1130    | 16    |  |  |
| AUG/AOUT      | 74.705          | 74.77                       | 2     | 74.66   | 26    | 74.83                                 | 730   | 17    | 74.56 | 1115    | 15    |  |  |
| SEPT          | 74.584          | 74.67                       | 1     | 74.51   | 29    | 74.72                                 | 1430  | 3     | 74.40 | 2045    | 16    |  |  |
| OCT           | 74.475          | 74.55                       | 7     | 74.39   | 22    | 74.60                                 | 1045  | 3     | 74.27 | 1130    | 28    |  |  |
| NOV           | 74.457          | 74.51                       | 26    | 74.38   | 2     | 74.62                                 | 530   | 10    | 74.23 | 1445    | 10    |  |  |
| DEC           | 74.361          | 74.45                       | 5     | 74.26   | 25    | 74.52                                 | 2145  | 4     | 74.09 | 1000    | 23    |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 13150 BURLINGTON ONT  
LAT / LONG 4320N / 7946W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1970 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1970                                            | 1988    | 19    | 100 | 75.10   | IN/EN | 1973          |  | 74.60   | IN/EN | 1988           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1970                                          | 12 1988 | 219   | 98  | 75.63   | IN/EN | 5 1973        |  | 74.31   | IN/EN | 12 1971        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1970                                          | 12 1988 | 6669  | 98  | 75.67   | ON/LE | 8 5 1973      |  | 74.22   | ON/LE | 29 1 1977      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 6 1970                                          | 12 1988 | 222   | 100 | 76.37   | AT/A  | 534 10 4 1973 |  | 74.02   | AT/A  | 1110 25 1 1972 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             |               |                 |
|               |                                      |                 |                                      |               |                                             |               |             |               |                                      |               |                                      |             |                                             |                 |               |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1978                                 | 74.98           | 20                                   | 1978          | 75.19                                       | 515           | 26          | 1978          | 75.43                                | 1977          | 74.36                                | 29          | 1977                                        | 74.22           | 1110          | 25          | 1972          | 74.02           |
| 2             | 1973                                 | 75.12           | 12                                   | 1973          | 75.21                                       | 435           | 1           | 1973          | 75.34                                | 1977          | 74.34                                | 1           | 1977                                        | 74.29           | 1730          | 11          | 1981          | 74.14           |
| 3             | 1973                                 | 75.25           | 31                                   | 1973          | 75.40                                       | 755           | 17          | 1973          | 75.47                                | 1988          | 74.51                                | 1           | 1977                                        | 74.31           | 1900          | 1           | 1977          | 74.26           |
| 4             | 1973                                 | 75.55           | 9                                    | 1973          | 75.65                                       | 534           | 10          | 1973          | 76.37                                | 1981          | 74.65                                | 1           | 1988                                        | 74.59           | 1000          | 6           | 1979          | 74.43           |
| 5             | 1973                                 | 75.63           | 8                                    | 1973          | 75.67                                       | 155           | 28          | 1973          | 75.74                                | 1981          | 74.76                                | 1           | 1981                                        | 74.70           | 1245          | 21          | 1981          | 74.64           |
| 6             | 1973                                 | 75.60           | 2                                    | 1973          | 75.64                                       | 401           | 2           | 1973          | 75.72                                | 1977          | 74.73                                | 29          | 1977                                        | 74.70           | 600           | 29          | 1977          | 74.65           |
| 7             | 1973                                 | 75.41           | 1                                    | 1973          | 75.54                                       | 105           | 1           | 1973          | 75.59                                | 1977          | 74.75                                | 31          | 1987                                        | 74.67           | 815           | 31          | 1987          | 74.52           |
| 8             | 1986                                 | 75.17           | 11                                   | 1974          | 75.33                                       | 1345          | 11          | 1974          | 75.35                                | 1987          | 74.67                                | 27          | 1987                                        | 74.55           | 2000          | 26          | 1987          | 74.41           |
| 9             | 1986                                 | 75.03           | 1                                    | 1986          | 75.09                                       | 1530          | 29          | 1986          | 75.17                                | 1987          | 74.55                                | 30          | 1987                                        | 74.49           | 2045          | 16          | 1988          | 74.40           |
| 10            | 1986                                 | 75.08           | 3                                    | 1986          | 75.11                                       | 1645          | 4           | 1986          | 75.20                                | 1987          | 74.42                                | 25          | 1987                                        | 74.35           | 2345          | 24          | 1987          | 74.21           |
| 11            | 1986                                 | 74.95           | 5                                    | 1986          | 75.06                                       | 1015          | 8           | 1986          | 75.11                                | 1971          | 74.34                                | 30          | 1978                                        | 74.26           | 2201          | 19          | 1971          | 74.14           |
| 12            | 1986                                 | 74.93           | 8                                    | 1986          | 75.02                                       | 2030          | 8           | 1986          | 75.12                                | 1971          | 74.31                                | 3           | 1971                                        | 74.23           | 745           | 11          | 1971          | 74.07           |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 13320 TORONTO ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 74.544 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

MONTHLY MEAN/MOYENNE MENSUELLE  
DAILY MEAN/MOYENNE JOURNALIERE  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE

MAXIMUM

74.778 IN/LE 6 MONTH/MOIS  
74.83 ON/LE 27 5  
74.96 AT/A 1330 ON/LE 22 6

MINIMUM

74.318 IN/LE 12 MONTH/MOIS  
74.24 ON/LE 25 12  
74.11 AT/A 730 ON/LE 15 12

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>JOURNALIERE<br>MAXIMUM<br>DY/JR | MINIMUM<br>DY/JR | INSTANTANEOUS LEVEL/NIVEAU<br>INSTANTANE<br>MAXIMUM<br>TM/HR DY/JR | MINIMUM<br>TM/HR DY/JR |
|---------------|-----------------|----------------------------------------------------|------------------|--------------------------------------------------------------------|------------------------|
| JAN           | 74.396          | 74.46 20                                           | 74.29 5          | 74.53 215 20                                                       | 74.16 815 13           |
| FEB/FEV       | 74.453          | 74.52 11                                           | 74.39 13         | 74.58 330 12                                                       | 74.28 2200 20          |
| MAR           | 74.459          | 74.53 29                                           | 74.42 16         | 74.66 815 29                                                       | 74.34 445 27           |
| APR/AVR       | 74.612          | 74.68 30                                           | 74.54 1          | 74.83 2045 23                                                      | 74.44 2145 1           |
| MAY/MAI       | 74.759          | 74.83 27                                           | 74.69 1          | 74.91 1315 16                                                      | 74.60 530 16           |
| JUNE/JUIN     | 74.778          | 74.83 2                                            | 74.73 26         | 74.96 1330 22                                                      | 74.61 2015 25          |
| JULY/JUIL     | 74.728          | 74.75 3                                            | 74.70 30         | 74.91 1045 17                                                      | 74.56 1015 17          |
| AUG/AOUT      | 74.653          | 74.73 2                                            | 74.59 26         | 74.85 1430 17                                                      | 74.41 1400 17          |
| SEPT          | 74.532          | 74.63 4                                            | 74.49 21         | 74.67 900 4                                                        | 74.40 1100 28          |
| OCT           | 74.429          | 74.50 4                                            | 74.38 28         | 74.55 1845 2                                                       | 74.24 1600 28          |
| NOV           | 74.408          | 74.45 12                                           | 74.34 2          | 74.58 615 10                                                       | 74.22 1430 10          |
| DEC           | 74.318          | 74.39 5                                            | 74.24 25         | 74.45 2130 4                                                       | 74.11 730 15           |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 13320 TORONTO ONT  
LAT / LONG 4338N / 7922W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

6 1906 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1907                                            | 1988    | 81    | 99  | 75.21   | IN/EN | 1952          |  | 73.86   | IN/EN | 1935            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1906                                          | 12 1988 | 959   | 97  | 75.61   | IN/EN | 6 1952        |  | 73.59   | IN/EN | 12 1934         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 6 1906                                          | 12 1988 | 29149 | 97  | 75.67   | ON/LE | 31 5 1952     |  | 73.52   | ON/LE | 26 12 1934      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1915                                          | 12 1988 | 888   | 100 | 75.69   | AT/A  | 1600 8 6 1952 |  | 73.35   | AT/A  | 1500 26 12 1934 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1946                              | 75.02           | 20                                | 1946          | 75.10           | 1900                                     | 26          | 1978          | 75.26           |  | 1935                              | 73.66           | 1                                 | 1935          | 73.53           | 1800                                     | 3           | 1935          | 73.40           |  |
| 2             | 1952                              | 75.12           | 20                                | 1952          | 75.19           | 1700                                     | 20          | 1952          | 75.24           |  | 1936                              | 73.62           | 5                                 | 1936          | 73.55           | 1055                                     | 4           | 1965          | 73.47           |  |
| 3             | 1952                              | 75.24           | 30                                | 1973          | 75.36           | 420                                      | 23          | 1952          | 75.53           |  | 1935                              | 73.80           | 6                                 | 1936          | 73.63           | 2300                                     | 5           | 1936          | 73.56           |  |
| 4             | 1973                              | 75.53           | 30                                | 1973          | 75.59           | 2200                                     | 9           | 1973          | 75.65           |  | 1935                              | 73.88           | 16                                | 1935          | 73.83           | 1800                                     | 17          | 1935          | 73.80           |  |
| 5             | 1973                              | 75.61           | 31                                | 1952          | 75.67           | 200                                      | 31          | 1952          | 75.68           |  | 1935                              | 73.97           | 1                                 | 1935          | 73.88           | 800                                      | 1           | 1935          | 73.82           |  |
| 6             | 1952                              | 75.61           | 3                                 | 1952          | 75.67           | 1600                                     | 8           | 1952          | 75.69           |  | 1935                              | 74.05           | 1                                 | 1935          | 74.00           | 600                                      | 15          | 1935          | 73.93           |  |
| 7             | 1947                              | 75.50           | 1                                 | 1952          | 75.58           | 1100                                     | 1           | 1952          | 75.60           |  | 1934                              | 74.01           | 31                                | 1934          | 73.93           | 2300                                     | 19          | 1934          | 73.88           |  |
| 8             | 1947                              | 75.45           | 1                                 | 1947          | 75.50           | 1400                                     | 5           | 1947          | 75.52           |  | 1934                              | 73.86           | 29                                | 1934          | 73.77           | 500                                      | 20          | 1934          | 73.72           |  |
| 9             | 1947                              | 75.27           | 1                                 | 1947          | 75.36           | 1700                                     | 1           | 1947          | 75.42           |  | 1934                              | 73.79           | 30                                | 1934          | 73.73           | 1800                                     | 27          | 1934          | 73.68           |  |
| 10            | 1945                              | 75.05           | 3                                 | 1947          | 75.11           | 100                                      | 2           | 1952          | 75.20           |  | 1934                              | 73.67           | 28                                | 1934          | 73.58           | 2400                                     | 28          | 1934          | 73.55           |  |
| 11            | 1945                              | 75.05           | 29                                | 1945          | 75.13           | 100                                      | 29          | 1945          | 75.15           |  | 1934                              | 73.62           | 15                                | 1934          | 73.57           | 900                                      | 15          | 1934          | 73.54           |  |
| 12            | 1945                              | 75.07           | 6                                 | 1945          | 75.12           | 1500                                     | 6           | 1945          | 75.16           |  | 1934                              | 73.59           | 26                                | 1934          | 73.52           | 1500                                     | 26          | 1934          | 73.35           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 13590 COBBOURG ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)

NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 74.547 MOYENNE ANNUELLE

NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                    |  | MINIMUM                     |
|---------------------------------------|----------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 74.781 IN/LE 6 MONTH/MOIS  |  | 74.319 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.82 ON/LE 28 5           |  | 74.25 ON/LE 26 12           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 74.95 AT/A 1315 ON/LE 22 6 |  | 74.18 AT/A 1730 ON/LE 24 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |
| JAN           | 74.395          | 74.45 31                    | 74.33 5          | 74.52 2230                            | 20    | 74.21 845        | 13    |
| FEB/FEV       | 74.455          | 74.50 27                    | 74.42 8          | 74.58 1915                            | 20    | 74.32 2130       | 20    |
| MAR           | 74.456          | 74.52 30                    | 74.42 20         | 74.68 2300                            | 25    | 74.31 730        | 26    |
| APR/AVR       | 74.616          | 74.69 30                    | 74.53 1          | 74.78 2115                            | 23    | 74.47 1730       | 3     |
| MAY/MAI       | 74.755          | 74.82 28                    | 74.69 1          | 74.89 2200                            | 15    | 74.59 1030       | 13    |
| JUNE/JUIN     | 74.781          | 74.82 2                     | 74.74 30         | 74.95 1315                            | 22    | 74.58 345        | 22    |
| JULY/JUIL     | 74.734          | 74.76 21                    | 74.72 10         | 74.86 530                             | 17    | 74.61 645        | 16    |
| AUG/AOUT      | 74.666          | 74.72 1                     | 74.61 27         | 74.81 830                             | 17    | 74.49 815        | 17    |
| SEPT          | 74.541          | 74.64 4                     | 74.49 22         | 74.68 1045                            | 4     | 74.42 1745       | 22    |
| OCT           | 74.431          | 74.50 4                     | 74.37 29         | 74.54 1630                            | 2     | 74.34 1145       | 28    |
| NOV           | 74.407          | 74.46 13                    | 74.38 2          | 74.64 1145                            | 10    | 74.27 2015       | 5     |
| DEC           | 74.319          | 74.38 1                     | 74.25 26         | 74.48 1800                            | 24    | 74.18 1730       | 24    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 13590 COBBOURG ONT  
LAT / LONG 4357N / 7809W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1956 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1956                                            | 1988    | 33    | 100 | 75.07   | IN/EN | 1973           |  | 74.14   | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 7 1956                                          | 12 1988 | 387   | 99  | 75.60   | IN/EN | 5 1973         |  | 73.70   | IN/EN | 1 1965         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1956                                          | 12 1988 | 11788 | 99  | 75.62   | ON/LE | 28 5 1973      |  | 73.62   | ON/LE | 3 2 1965       |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1956                                          | 12 1988 | 389   | 100 | 75.71   | AT/A  | 1500 28 5 1973 |  | 73.54   | AT/A  | 557 25 12 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1978                              | 74.94           | 31                                | 1978          | 75.04           | 700                                      | 26          | 1978          | 75.18           |  | 1965                              | 73.70           | 22                                | 1965          | 73.65           | 20                                       | 27          | 1965          | 73.59           |  |
| 2             | 1973                              | 75.09           | 7                                 | 1973          | 75.12           | 2300                                     | 7           | 1973          | 75.16           |  | 1965                              | 73.75           | 3                                 | 1965          | 73.62           | 2025                                     | 3           | 1965          | 73.58           |  |
| 3             | 1973                              | 75.20           | 30                                | 1973          | 75.35           | 1300                                     | 31          | 1973          | 75.37           |  | 1964                              | 73.85           | 1                                 | 1964          | 73.74           | 2000                                     | 5           | 1964          | 73.59           |  |
| 4             | 1973                              | 75.52           | 28                                | 1973          | 75.58           | 600                                      | 10          | 1973          | 75.65           |  | 1964                              | 74.10           | 1                                 | 1964          | 73.96           | 1716                                     | 2           | 1964          | 73.89           |  |
| 5             | 1973                              | 75.60           | 28                                | 1973          | 75.62           | 1500                                     | 28          | 1973          | 75.71           |  | 1965                              | 74.37           | 1                                 | 1965          | 74.27           | 1357                                     | 8           | 1964          | 74.18           |  |
| 6             | 1973                              | 75.57           | 6                                 | 1973          | 75.61           | 900                                      | 9           | 1973          | 75.66           |  | 1958                              | 74.45           | 16                                | 1958          | 74.42           | 1038                                     | 5           | 1958          | 74.32           |  |
| 7             | 1973                              | 75.39           | 1                                 | 1973          | 75.52           | 500                                      | 3           | 1974          | 75.58           |  | 1958                              | 74.40           | 30                                | 1958          | 74.37           | 2217                                     | 22          | 1958          | 74.29           |  |
| 8             | 1973                              | 75.15           | 2                                 | 1973          | 75.28           | 300                                      | 2           | 1973          | 75.30           |  | 1958                              | 74.32           | 18                                | 1958          | 74.26           | 1529                                     | 31          | 1958          | 73.92           |  |
| 9             | 1986                              | 74.99           | 3                                 | 1986          | 75.05           | 2115                                     | 29          | 1986          | 75.14           |  | 1959                              | 74.20           | 25                                | 1959          | 74.12           | 847                                      | 27          | 1959          | 74.01           |  |
| 10            | 1986                              | 75.03           | 4                                 | 1986          | 75.05           | 2030                                     | 4           | 1986          | 75.17           |  | 1964                              | 74.08           | 31                                | 1964          | 73.97           | 1705                                     | 24          | 1959          | 73.78           |  |
| 11            | 1986                              | 74.91           | 1                                 | 1986          | 75.01           | 315                                      | 2           | 1986          | 75.08           |  | 1964                              | 73.86           | 30                                | 1964          | 73.75           | 1812                                     | 21          | 1964          | 73.67           |  |
| 12            | 1986                              | 74.89           | 9                                 | 1986          | 74.94           | 2100                                     | 9           | 1986          | 75.04           |  | 1964                              | 73.71           | 15                                | 1964          | 73.64           | 557                                      | 25          | 1964          | 73.54           |  |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 13988 KINGSTON (PORTSMOUTH) ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 74.506 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 358 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                     |
|---------------------------------------|---------------------------|--|-----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 74.742 IN/LE 6 MONTH/MOIS |  | 74.292 IN/LE 12 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.77 ON/LE 26 5          |  | 74.20 ON/LE 22 12           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 74.85 AT/A 115 ON/LE 2 6  |  | 74.14 AT/A 1030 ON/LE 27 12 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 74.372          | 74.43 1                     | 74.33 14         | 74.68 900 13                          | 74.21 130 20           |  |  |
| FEB/FEV       | 74.419          | 74.48 13                    | 74.34 11         | 74.79 2145 20                         | 74.30 1945 11          |  |  |
| MAR           | 74.409          | 74.49 30                    | 74.35 12         | 74.56 1400 30                         | 74.28 1315 12          |  |  |
| APR/AVR       | 74.563          | 74.64 24                    | 74.46 2          | 74.70 2000 27                         | 74.41 1615 1           |  |  |
| MAY/MAI       | 74.696          | 74.77 26                    | 74.62 2          | 74.81 1215 26                         | 74.59 630 7            |  |  |
| JUNE/JUIN     | 74.742          | 74.77 4                     | 74.72 19         | 74.85 115 2                           | 74.63 815 22           |  |  |
| JULY/JUIL     | 74.688          | 74.73 2                     | 74.67 13         | 74.77 915 17                          | 74.53 500 17           |  |  |
| AUG/AOUT      | 74.638          | 74.70 6                     | 74.57 23         | 74.80 1130 17                         | 74.51 645 28           |  |  |
| SEPT          | 74.514          | 74.59 4                     | 74.42 29         | 74.67 30 5                            | 74.38 615 28           |  |  |
| OCT           | 74.403          | 74.48 10                    | 74.33 22         | 74.68 745 18                          | 74.26 1345 22          |  |  |
| NOV           | 74.374          | 74.45 10                    | 74.33 5          | 74.77 1445 10                         | 74.25 2030 5           |  |  |
| DEC           | 74.292          | 74.41 2                     | 74.20 22         | 74.60 1130 23                         | 74.14 1030 27          |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 13988 KINGSTON (PORTSMOUTH) ONT  
LAT / LONG 4413N / 7631W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

4 1909 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1909                                            | 1988    | 80    | 100 | 75.22   | IN/EN | 1952          |  | 73.87   | IN/EN | 1935          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 4 1909                                          | 12 1988 | 952   | 99  | 75.61   | IN/EN | 6 1952        |  | 73.61   | IN/EN | 12 1934       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 4 1909                                          | 12 1988 | 28928 | 99  | 75.66   | ON/LE | 9 6 1952      |  | 73.55   | ON/LE | 23 1 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1912                                          | 12 1988 | 921   | 100 | 75.76   | AT/A  | 2245 6 6 1952 |  | 73.46   | AT/A  | 1533 2 1 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |               |                 |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1946                                 | 75.03           | 10                                   | 1946          | 75.08                                       | 1100          | 26          | 1978          | 75.35                                | 1965          | 73.67                                | 23          | 1965                                        | 73.55           | 1533          | 2           | 1965          | 73.46           |               |                 |
| 2             | 1952                                 | 75.12           | 11                                   | 1952          | 75.18                                       | 233           | 21          | 1952          | 75.26                                | 1936          | 73.65                                | 13          | 1936                                        | 73.58           | 1928          | 26          | 1936          | 73.48           |               |                 |
| 3             | 1952                                 | 75.22           | 27                                   | 1952          | 75.32                                       | 2135          | 26          | 1952          | 75.42                                | 1935          | 73.80                                | 2           | 1936                                        | 73.60           | 214           | 4           | 1936          | 73.57           |               |                 |
| 4             | 1952                                 | 75.47           | 23                                   | 1952          | 75.55                                       | 2125          | 10          | 1952          | 75.60                                | 1935          | 73.89                                | 8           | 1935                                        | 73.83           | 157           | 7           | 1935          | 73.77           |               |                 |
| 5             | 1952                                 | 75.58           | 25                                   | 1952          | 75.65                                       | 918           | 25          | 1952          | 75.71                                | 1935          | 73.98                                | 3           | 1935                                        | 73.88           | 2055          | 3           | 1935          | 73.82           |               |                 |
| 6             | 1952                                 | 75.61           | 9                                    | 1952          | 75.66                                       | 2245          | 6           | 1952          | 75.76                                | 1935          | 74.06                                | 2           | 1935                                        | 73.99           | 1902          | 2           | 1935          | 73.96           |               |                 |
| 7             | 1947                                 | 75.52           | 30                                   | 1947          | 75.57                                       | 2104          | 6           | 1947          | 75.63                                | 1934          | 74.01                                | 29          | 1934                                        | 73.94           | 815           | 30          | 1934          | 73.81           |               |                 |
| 8             | 1947                                 | 75.44           | 1                                    | 1947          | 75.54                                       | 1919          | 1           | 1947          | 75.57                                | 1934          | 73.87                                | 31          | 1934                                        | 73.76           | 2100          | 31          | 1934          | 73.74           |               |                 |
| 9             | 1947                                 | 75.27           | 2                                    | 1947          | 75.37                                       | 2017          | 21          | 1947          | 75.52                                | 1934          | 73.78                                | 7           | 1934                                        | 73.71           | 113           | 8           | 1934          | 73.64           |               |                 |
| 10            | 1945                                 | 75.09           | 12                                   | 1945          | 75.17                                       | 210           | 16          | 1954          | 75.32                                | 1934          | 73.70                                | 20          | 1934                                        | 73.64           | 2346          | 31          | 1934          | 73.55           |               |                 |
| 11            | 1945                                 | 75.04           | 2                                    | 1945          | 75.10                                       | 2156          | 16          | 1955          | 75.30                                | 1934          | 73.62                                | 20          | 1934                                        | 73.56           | 2144          | 13          | 1934          | 73.46           |               |                 |
| 12            | 1945                                 | 75.06           | 16                                   | 1945          | 75.15                                       | 718           | 16          | 1945          | 75.24                                | 1934          | 73.61                                | 28          | 1934                                        | 73.55           | 2147          | 28          | 1934          | 73.47           |               |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14400 BROCKVILLE ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 74.304 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

MONTHLY MEAN/MOYENNE MENSUELLE  
DAILY MEAN/MOYENNE JOURNALIERE  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE

MAXIMUM

74.553 IN/LE 6 MONTH/MOIS  
74.60 ON/LE 26 5  
74.68 AT/A 1212 ON/LE 13 5

MINIMUM

74.092 IN/LE 12 MONTH/MOIS  
73.98 ON/LE 22 12  
73.92 AT/A 2300 ON/LE 22 12

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |          | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |            |       |
|---------------|-----------------|-----------------------------|----------|---------------------------------------|---------|------------|-------|
|               |                 | MAXIMUM                     | MINIMUM  | MAXIMUM                               | MINIMUM |            |       |
|               |                 | DY/JR                       | DY/JR    | TM/HR                                 | DY/JR   | TM/HR      | DY/JR |
| JAN           | 74.170          | 74.26 1                     | 74.11 14 | 74.51 1107                            | 13      | 74.01 350  | 20    |
| FEB/FEV       | 74.152          | 74.22 6                     | 74.06 11 | 74.39 45                              | 21      | 74.02 2240 | 11    |
| MAR           | 74.163          | 74.28 27                    | 74.06 12 | 74.42 1715                            | 30      | 74.02 1555 | 12    |
| APR/AVR       | 74.354          | 74.46 18                    | 74.24 2  | 74.57 1404                            | 18      | 74.19 1920 | 2     |
| MAY/MAI       | 74.512          | 74.60 26                    | 74.39 2  | 74.68 1212                            | 13      | 74.34 1852 | 2     |
| JUNE/JUIN     | 74.553          | 74.59 5                     | 74.51 9  | 74.67 415                             | 26      | 74.46 2210 | 9     |
| JULY/JUIL     | 74.489          | 74.52 1                     | 74.46 15 | 74.58 900                             | 16      | 74.41 2152 | 20    |
| AUG/AOUT      | 74.444          | 74.52 6                     | 74.33 23 | 74.58 1330                            | 15      | 74.30 2315 | 21    |
| SEPT          | 74.319          | 74.39 1                     | 74.18 29 | 74.51 445                             | 5       | 74.16 1900 | 29    |
| OCT           | 74.213          | 74.31 11                    | 74.05 22 | 74.54 1415                            | 28      | 73.94 1600 | 22    |
| NOV           | 74.183          | 74.33 17                    | 74.11 5  | 74.64 1800                            | 10      | 74.01 1900 | 20    |
| DEC           | 74.092          | 74.28 3                     | 73.98 22 | 74.38 1100                            | 3       | 73.92 2300 | 22    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14400 BROCKVILLE ONT  
LAT / LONG 4435N / 7540W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1980 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1980                                            | 1988    | 9     | 100 | 74.67   | IN/EN | 1986           |  | 74.30   | IN/EN | 1988            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 5 1980                                          | 12 1988 | 94    | 90  | 74.86   | IN/EN | 6 1986         |  | 74.04   | IN/EN | 11 1987         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1980                                          | 12 1988 | 2846  | 90  | 74.93   | ON/LE | 18 6 1986      |  | 73.92   | ON/LE | 25 11 1987      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1980                                          | 12 1988 | 99    | 95  | 75.03   | AT/A  | 1500 21 4 1986 |  | 73.81   | AT/A  | 2000 25 11 1987 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1986                                 | 74.50           | 9                                    | 1986          | 74.59           | 600                                         | 11          | 1982          | 74.66           | 1981                                 | 74.11           | 3                                    | 1982          | 74.00           | 730                                         | 1           | 1985          | 73.85           |
| 2             | 1986                                 | 74.46           | 24                                   | 1987          | 74.54           | 2158                                        | 23          | 1987          | 74.57           | 1981                                 | 74.13           | 10                                   | 1981          | 73.99           | 1645                                        | 10          | 1981          | 73.95           |
| 3             | 1986                                 | 74.58           | 30                                   | 1986          | 74.77           | 1905                                        | 30          | 1986          | 74.82           | 1988                                 | 74.16           | 4                                    | 1982          | 74.03           | 645                                         | 9           | 1982          | 73.97           |
| 4             | 1986                                 | 74.82           | 8                                    | 1986          | 74.89           | 1500                                        | 21          | 1986          | 75.03           | 1988                                 | 74.35           | 12                                   | 1981          | 74.23           | 745                                         | 3           | 1983          | 74.17           |
| 5             | 1986                                 | 74.79           | 2                                    | 1986          | 74.89           | 335                                         | 2           | 1986          | 75.02           | 1981                                 | 74.48           | 1                                    | 1981          | 74.39           | 1830                                        | 10          | 1981          | 74.32           |
| 6             | 1986                                 | 74.86           | 18                                   | 1986          | 74.93           | 1300                                        | 24          | 1986          | 75.01           | 1988                                 | 74.55           | 22                                   | 1987          | 74.46           | 945                                         | 23          | 1987          | 74.42           |
| 7             | 1986                                 | 74.84           | 5                                    | 1986          | 74.90           | 1405                                        | 8           | 1986          | 74.94           | 1987                                 | 74.46           | 31                                   | 1987          | 74.35           | 2325                                        | 30          | 1987          | 74.29           |
| 8             | 1986                                 | 74.75           | 12                                   | 1986          | 74.84           | 1620                                        | 11          | 1986          | 74.94           | 1987                                 | 74.29           | 28                                   | 1987          | 74.15           | 1005                                        | 29          | 1987          | 74.06           |
| 9             | 1986                                 | 74.62           | 12                                   | 1986          | 74.71           | 1303                                        | 12          | 1986          | 74.85           | 1987                                 | 74.16           | 18                                   | 1987          | 74.03           | 605                                         | 18          | 1987          | 73.97           |
| 10            | 1986                                 | 74.69           | 8                                    | 1986          | 74.79           | 2138                                        | 14          | 1986          | 74.88           | 1987                                 | 74.09           | 21                                   | 1987          | 74.02           | 1600                                        | 22          | 1988          | 73.94           |
| 11            | 1986                                 | 74.56           | 1                                    | 1986          | 74.71           | 1938                                        | 9           | 1986          | 74.95           | 1987                                 | 74.04           | 25                                   | 1987          | 73.92           | 2000                                        | 25          | 1987          | 73.81           |
| 12            | 1985                                 | 74.40           | 28                                   | 1985          | 74.66           | 1947                                        | 28          | 1985          | 74.82           | 1988                                 | 74.09           | 14                                   | 1984          | 73.92           | 1900                                        | 14          | 1984          | 73.83           |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14600 IROQUOIS ABOVE/AMONT ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 73.688 MOYENNE ANNUELLE

NUMBER OF DAYS USED 362 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |       |     |            | MINIMUM |       |                |
|---------------------------------------|---------|-------|-----|------------|---------|-------|----------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 74.025  | IN/LE | 5   | MONTH/MOIS | 73.176  | IN/LE | 2              |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.17   | ON/LE | 13  | 5          | 72.94   | ON/LE | 12             |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 74.24   | AT/A  | 615 | ON/LE 27 5 | 72.86   | AT/A  | 1320 ON/LE 2 2 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |       |       |    |       |      |    |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|---------|-------|-------|----|-------|------|----|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               | MINIMUM |       |       |    |       |      |    |
|               |                 | DY/JR                       | DY/JR   | TM/HR                                 | DY/JR   | TM/HR | DY/JR |    |       |      |    |
| JAN           | 73.552          | 73.66                       | 21      | 73.44                                 | 4       | 73.79 | 1222  | 13 | 73.38 | 915  | 4  |
| FEB/FEV       | 73.176          | 73.55                       | 1       | 72.94                                 | 12      | 73.59 | 817   | 1  | 72.86 | 1320 | 2  |
| MAR           | 73.412          | 73.68                       | 28      | 73.15                                 | 1       | 73.73 | 2013  | 30 | 73.13 | 752  | 2  |
| APR/AVR       | 73.750          | 73.91                       | 19      | 73.60                                 | 6       | 73.99 | 635   | 19 | 73.54 | 1845 | 6  |
| MAY/MAI       | 74.025          | 74.17                       | 13      | 73.84                                 | 2       | 74.24 | 615   | 27 | 73.78 | 2017 | 2  |
| JUNE/JUIN     | 74.020          | 74.09                       | 12      | 73.93                                 | 2       | 74.18 | 645   | 26 | 73.85 | 2015 | 3  |
| JULY/JUIL     | 73.967          | 74.04                       | 3       | 73.90                                 | 21      | 74.11 | 720   | 3  | 73.83 | 2010 | 21 |
| AUG/AOUT      | 73.880          | 73.98                       | 15      | 73.72                                 | 23      | 74.04 | 455   | 15 | 73.64 | 1843 | 23 |
| SEPT          | 73.750          | 73.83                       | 2       | 73.59                                 | 29      | 73.92 | 550   | 5  | 73.51 | 2020 | 29 |
| OCT           | 73.651          | 73.81                       | 29      | 73.41                                 | 22      | 73.91 | 618   | 29 | 73.25 | 1647 | 22 |
| NOV           | 73.582          | 73.77                       | 17      | 73.43                                 | 20      | 73.92 | 1846  | 10 | 73.31 | 2012 | 20 |
| DEC           | 73.467          | 73.70                       | 3       | 73.28                                 | 11      | 73.77 | 1155  | 3  | 73.23 | 2005 | 11 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14600 IROQUOIS ABOVE/AMONT ONT  
LAT / LONG 4449N / 7519W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |             |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|-------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |             |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 74.04   | IN/EN | 1967           |  | 73.53   | IN/EN | 1982        |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1959                                         | 12 1988 | 345   | 99  | 74.55   | IN/EN | 5 1973         |  | 72.90   | IN/EN | 2 1982      |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 10499 | 99  | 74.71   | ON/LE | 25 5 1974      |  | 72.53   | ON/LE | 1 2 1963    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 349   | 100 | 74.81   | AT/A  | 1954 24 5 1974 |  | 72.39   | AT/A  | 28 2 2 1963 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1973                                 | 74.11           | 24                                   | 1987          | 74.40           | 1945                                        | 31          | 1974          | 74.56           | 1965                                 | 72.99           | 31                                   | 1963          | 72.66           | 2350                                        | 31          | 1963          | 72.53           |
| 2             | 1973                                 | 73.76           | 1                                    | 1974          | 74.27           | 215                                         | 1           | 1974          | 74.35           | 1982                                 | 72.90           | 1                                    | 1963          | 72.53           | 28                                          | 2           | 1963          | 72.39           |
| 3             | 1973                                 | 74.08           | 19                                   | 1973          | 74.46           | 145                                         | 19          | 1973          | 74.48           | 1971                                 | 73.12           | 1                                    | 1963          | 72.81           | 1700                                        | 10          | 1964          | 72.58           |
| 4             | 1973                                 | 74.48           | 12                                   | 1973          | 74.59           | 1530                                        | 23          | 1973          | 74.62           | 1965                                 | 73.66           | 1                                    | 1972          | 73.27           | 100                                         | 1           | 1972          | 73.12           |
| 5             | 1973                                 | 74.55           | 25                                   | 1974          | 74.71           | 1954                                        | 24          | 1974          | 74.81           | 1987                                 | 73.72           | 9                                    | 1977          | 73.54           | 900                                         | 9           | 1977          | 73.49           |
| 6             | 1963                                 | 74.50           | 22                                   | 1963          | 74.57           | 509                                         | 21          | 1963          | 74.67           | 1987                                 | 73.66           | 23                                   | 1987          | 73.48           | 740                                         | 23          | 1987          | 73.45           |
| 7             | 1967                                 | 74.49           | 25                                   | 1967          | 74.60           | 1250                                        | 24          | 1967          | 74.67           | 1987                                 | 73.54           | 31                                   | 1987          | 73.46           | 50                                          | 31          | 1987          | 73.43           |
| 8             | 1967                                 | 74.37           | 4                                    | 1967          | 74.49           | 915                                         | 4           | 1967          | 74.58           | 1987                                 | 73.43           | 28                                   | 1987          | 73.26           | 1212                                        | 29          | 1987          | 73.22           |
| 9             | 1967                                 | 74.20           | 2                                    | 1963          | 74.30           | 731                                         | 27          | 1967          | 74.40           | 1987                                 | 73.36           | 18                                   | 1987          | 73.22           | 1525                                        | 28          | 1962          | 73.03           |
| 10            | 1967                                 | 74.05           | 3                                    | 1967          | 74.25           | 634                                         | 28          | 1962          | 74.33           | 1974                                 | 73.26           | 29                                   | 1973          | 73.01           | 745                                         | 30          | 1973          | 72.93           |
| 11            | 1962                                 | 73.90           | 4                                    | 1966          | 74.11           | 640                                         | 4           | 1966          | 74.27           | 1974                                 | 73.25           | 25                                   | 1975          | 73.06           | 2345                                        | 14          | 1972          | 72.95           |
| 12            | 1962                                 | 73.92           | 28                                   | 1985          | 74.32           | 1013                                        | 25          | 1977          | 74.47           | 1964                                 | 73.10           | 2                                    | 1974          | 72.75           | 2230                                        | 4           | 1964          | 72.51           |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14602 IROQUOIS BELOW/AVAL ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 73.595 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM      |                | MINIMUM                    |
|---------------------------------------|--------------|----------------|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 73.951 IN/LE | 5 MONTH/MOIS   | 72.993 IN/LE 2 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 74.08 ON/LE  | 13 5           | 72.76 ON/LE 12 2           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 74.19 AT/A   | 622 ON/LE 27 5 | 72.69 AT/A 1310 ON/LE 12 2 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 73.440          | 73.57 21                    | 73.30 29         | 73.69 1215 13                         | 73.22 1920 29          |  |  |
| FEB/FEV       | 72.993          | 73.39 1                     | 72.76 12         | 73.44 718 1                           | 72.69 1310 12          |  |  |
| MAR           | 73.287          | 73.59 28                    | 72.98 1          | 73.64 2318 27                         | 72.97 738 2            |  |  |
| APR/AVR       | 73.676          | 73.85 19                    | 73.51 3          | 73.93 607 19                          | 73.44 1950 2           |  |  |
| MAY/MAI       | 73.951          | 74.08 13                    | 73.78 2          | 74.19 622 27                          | 73.69 2000 2           |  |  |
| JUNE/JUIN     | 73.940          | 74.00 12                    | 73.85 2          | 74.13 655 26                          | 73.75 2016 3           |  |  |
| JULY/JUIL     | 73.893          | 73.97 3                     | 73.83 24         | 74.05 540 1                           | 73.75 1955 21          |  |  |
| AUG/AOUT      | 73.799          | 73.90 15                    | 73.64 23         | 73.97 505 15                          | 73.54 1937 23          |  |  |
| SEPT          | 73.669          | 73.75 2                     | 73.51 29         | 73.84 720 7                           | 73.42 2025 29          |  |  |
| OCT           | 73.572          | 73.75 29                    | 73.33 22         | 73.85 614 29                          | 73.16 1653 22          |  |  |
| NOV           | 73.495          | 73.69 18                    | 73.35 20         | 73.83 2350 10                         | 73.21 2050 20          |  |  |
| DEC           | 73.372          | 73.60 3                     | 73.18 11         | 73.66 1145 3                          | 73.11 25 12            |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14602 IROQUOIS BELOW/AVAL ONT  
LAT / LONG 4450N / 7518W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 73.86   | IN/EN | 1967           |  | 73.40   | IN/EN | 1982          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1959                                         | 12 1988 | 340   | 97  | 74.42   | IN/EN | 5 1973         |  | 72.71   | IN/EN | 2 1982        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 10346 | 97  | 74.54   | ON/LE | 13 5 1973      |  | 72.33   | ON/LE | 1 2 1963      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 347   | 99  | 74.58   | AT/A  | 2130 13 5 1973 |  | 72.17   | AT/A  | 2345 1 2 1963 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1973                                 | 74.00           | 24                                   | 1987          | 74.35           | 25                                          | 25          | 1987          | 74.48           | 1977                                 | 72.85           | 31                                   | 1963          | 72.47           | 2335                                        | 31          | 1963          | 72.31           |
| 2             | 1973                                 | 73.60           | 1                                    | 1974          | 74.18           | 200                                         | 1           | 1974          | 74.26           | 1982                                 | 72.71           | 1                                    | 1963          | 72.33           | 2345                                        | 1           | 1963          | 72.17           |
| 3             | 1973                                 | 73.95           | 19                                   | 1973          | 74.35           | 215                                         | 19          | 1973          | 74.38           | 1972                                 | 72.88           | 6                                    | 1985          | 72.55           | 900                                         | 6           | 1985          | 72.49           |
| 4             | 1973                                 | 74.35           | 12                                   | 1973          | 74.47           | 1545                                        | 23          | 1973          | 74.49           | 1965                                 | 73.61           | 1                                    | 1972          | 73.07           | 100                                         | 1           | 1972          | 72.91           |
| 5             | 1973                                 | 74.42           | 13                                   | 1973          | 74.54           | 2130                                        | 13          | 1973          | 74.58           | 1987                                 | 73.56           | 9                                    | 1977          | 73.44           | 800                                         | 9           | 1977          | 73.40           |
| 6             | 1973                                 | 74.25           | 1                                    | 1973          | 74.44           | 15                                          | 1           | 1974          | 74.47           | 1987                                 | 73.53           | 23                                   | 1987          | 73.33           | 1148                                        | 23          | 1987          | 73.30           |
| 7             | 1968                                 | 74.14           | 1                                    | 1968          | 74.25           | 835                                         | 21          | 1970          | 74.31           | 1987                                 | 73.40           | 31                                   | 1987          | 73.32           | 735                                         | 31          | 1987          | 73.30           |
| 8             | 1967                                 | 74.09           | 4                                    | 1966          | 74.16           | 816                                         | 18          | 1967          | 74.30           | 1987                                 | 73.30           | 28                                   | 1987          | 73.13           | 1245                                        | 29          | 1987          | 73.10           |
| 9             | 1967                                 | 74.08           | 9                                    | 1967          | 74.19           | 820                                         | 9           | 1967          | 74.28           | 1987                                 | 73.23           | 18                                   | 1987          | 73.10           | 1745                                        | 25          | 1975          | 73.06           |
| 10            | 1967                                 | 73.97           | 3                                    | 1967          | 74.19           | 735                                         | 3           | 1967          | 74.26           | 1974                                 | 73.11           | 29                                   | 1973          | 72.87           | 1200                                        | 30          | 1973          | 72.78           |
| 11            | 1962                                 | 73.86           | 4                                    | 1966          | 74.04           | 545                                         | 4           | 1966          | 74.20           | 1974                                 | 73.13           | 16                                   | 1973          | 72.92           | 30                                          | 15          | 1972          | 72.81           |
| 12            | 1962                                 | 73.82           | 28                                   | 1985          | 74.26           | 1000                                        | 25          | 1977          | 74.38           | 1964                                 | 73.05           | 2                                    | 1974          | 72.61           | 2216                                        | 4           | 1964          | 72.45           |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14805 LONG SAULT DAM ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)

NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 73.166 MOYENNE ANNUELLE

NUMBER OF DAYS USED 359 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |       |                 | MINIMUM |                 |
|---------------------------------------|---------|-------|-----------------|---------|-----------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 73.646  | IN/LE | 5 MONTH/MOIS    | 72.127  | IN/LE           |
| DAILY MEAN/MOYENNE JOURNALIERE        | 73.86   | ON/LE | 6 5             | 71.65   | ON/LE           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 73.94   | AT/A  | 1320 ON/LE 13 5 | 71.58   | AT/A            |
|                                       |         |       |                 |         | 1405 ON/LE 12 2 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |
| JAN           | 72.955          | 73.21                       | 6                | 72.74                                 | 30                     |
| FEB/FEV       | 72.127          | 72.89                       | 2                | 71.65                                 | 12                     |
| MAR           | 72.702          | 73.24                       | 28               | 72.14                                 | 1                      |
| APR/AVR       | 73.301          | 73.54                       | 19               | 73.10                                 | 3                      |
| MAY/MAI       | 73.646          | 73.86                       | 6                | 73.43                                 | 3                      |
| JUNE/JUIN     | 73.598          | 73.69                       | 12               | 73.47                                 | 2                      |
| JULY/JUIL     | 73.550          | 73.65                       | 3                | 73.47                                 | 21                     |
| AUG/AOUT      | 73.432          | 73.55                       | 15               | 73.24                                 | 23                     |
| SEPT          | 73.313          | 73.40                       | 2                | 73.13                                 | 29                     |
| OCT           | 73.226          | 73.48                       | 29               | 72.90                                 | 22                     |
| NOV           | 73.127          | 73.39                       | 18               | 72.90                                 | 20                     |
| DEC           | 72.993          | 73.28                       | 31               | 72.72                                 | 11                     |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14805 LONG SAULT DAM ONT  
LAT / LONG 4459N / 7452W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

9 1977 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1978                                            | 1988    | 10    | 91 | 73.17   | IN/EN | 1988           |  | 72.79   | IN/EN | 1987          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 9 1977                                          | 12 1988 | 124   | 91 | 73.65   | IN/EN | 5 1988         |  | 71.28   | IN/EN | 2 1978        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 9 1977                                          | 12 1988 | 3720  | 90 | 74.14   | ON/LE | 24 1 1987      |  | 71.18   | ON/LE | 9 3 1978      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 9 1977                                          | 12 1988 | 124   | 91 | 74.27   | AT/A  | 2100 23 1 1987 |  | 71.14   | AT/A  | 1020 7 2 1978 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1985                              | 73.07           | 24                                | 1987          | 74.14           | 2100                                     | 23          | 1987          | 74.27           |  | 1984                              | 72.16           | 31                                | 1978          | 71.28           | 1755                                     | 31          | 1978          | 71.24           |  |
| 2             | 1987                              | 72.67           | 27                                | 1981          | 73.66           | 800                                      | 27          | 1981          | 73.79           |  | 1978                              | 71.28           | 7                                 | 1978          | 71.20           | 1020                                     | 7           | 1978          | 71.14           |  |
| 3             | 1981                              | 73.17           | 31                                | 1987          | 73.57           | 715                                      | 1           | 1981          | 73.71           |  | 1978                              | 71.58           | 9                                 | 1978          | 71.18           | 1415                                     | 9           | 1978          | 71.16           |  |
| 4             | 1978                              | 73.54           | 14                                | 1978          | 73.94           | 1610                                     | 6           | 1979          | 74.05           |  | 1987                              | 73.15           | 1                                 | 1978          | 72.71           | 520                                      | 1           | 1978          | 72.60           |  |
| 5             | 1988                              | 73.65           | 1                                 | 1984          | 73.88           | 1530                                     | 1           | 1984          | 73.96           |  | 1987                              | 72.91           | 4                                 | 1987          | 72.75           | 120                                      | 26          | 1979          | 72.59           |  |
| 6             | 1981                              | 73.61           | 26                                | 1981          | 73.74           | 715                                      | 26          | 1981          | 73.88           |  | 1987                              | 72.88           | 23                                | 1987          | 72.61           | 1240                                     | 23          | 1987          | 72.57           |  |
| 7             | 1988                              | 73.55           | 3                                 | 1988          | 73.65           | 540                                      | 3           | 1988          | 73.77           |  | 1987                              | 72.74           | 31                                | 1987          | 72.68           | 1340                                     | 21          | 1987          | 72.67           |  |
| 8             | 1988                              | 73.43           | 15                                | 1988          | 73.55           | 605                                      | 15          | 1988          | 73.65           |  | 1987                              | 72.67           | 28                                | 1987          | 72.49           | 1940                                     | 28          | 1987          | 72.46           |  |
| 9             | 1988                              | 73.31           | 2                                 | 1988          | 73.40           | 600                                      | 5           | 1988          | 73.53           |  | 1985                              | 72.63           | 23                                | 1985          | 72.50           | 155                                      | 24          | 1985          | 72.48           |  |
| 10            | 1988                              | 73.23           | 29                                | 1988          | 73.48           | 400                                      | 29          | 1988          | 73.66           |  | 1985                              | 72.57           | 31                                | 1985          | 72.31           | 2045                                     | 25          | 1980          | 72.19           |  |
| 11            | 1988                              | 73.13           | 18                                | 1988          | 73.39           | 55                                       | 11          | 1988          | 73.62           |  | 1985                              | 72.53           | 7                                 | 1977          | 72.26           | 1105                                     | 7           | 1977          | 72.19           |  |
| 12            | 1977                              | 73.31           | 28                                | 1985          | 74.07           | 2300                                     | 28          | 1985          | 74.14           |  | 1981                              | 72.43           | 27                                | 1981          | 71.93           | 2135                                     | 27          | 1981          | 71.80           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14870 CORNWALL ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 46.833 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM      |               | MINIMUM                    |
|---------------------------------------|--------------|---------------|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 47.077 IN/LE | 2 MONTH/MOIS  | 46.726 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 47.19 ON/LE  | 8 1           | 46.61 ON/LE 21 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 47.20 AT/A   | 118 ON/LE 9 1 | 46.48 AT/A 142 ON/LE 11 11 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 46.967          | 47.19 8                     | 46.73 5          | 47.20 118 9                           | 46.66 220 6            |  |  |
| FEB/FEV       | 47.077          | 47.15 22                    | 46.96 1          | 47.17 1626 8                          | 46.85 315 2            |  |  |
| MAR           | 47.002          | 47.15 11                    | 46.75 31         | 47.17 2028 11                         | 46.70 640 31           |  |  |
| APR/AVR       | 46.789          | 46.96 29                    | 46.65 20         | 47.04 1815 29                         | 46.54 407 20           |  |  |
| MAY/MAI       | 46.754          | 46.82 2                     | 46.66 13         | 46.92 1540 30                         | 46.56 343 12           |  |  |
| JUNE/JUIN     | 46.750          | 46.84 1                     | 46.68 11         | 47.13 1752 1                          | 46.59 709 12           |  |  |
| JULY/JUIL     | 46.795          | 46.85 27                    | 46.74 2          | 46.96 1707 26                         | 46.62 405 2            |  |  |
| AUG/AOUT      | 46.818          | 46.91 24                    | 46.76 12         | 47.02 1615 24                         | 46.63 123 12           |  |  |
| SEPT          | 46.770          | 46.83 9                     | 46.73 2          | 46.92 635 9                           | 46.60 345 6            |  |  |
| OCT           | 46.777          | 46.96 22                    | 46.65 29         | 47.10 1257 22                         | 46.52 353 29           |  |  |
| NOV           | 46.801          | 46.90 6                     | 46.66 17         | 47.03 2055 20                         | 46.48 142 11           |  |  |
| DEC           | 46.726          | 46.79 5                     | 46.61 21         | 46.87 830 23                          | 46.52 15 29            |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14870 CORNWALL ONT  
LAT / LONG 4500N / 7442W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 47.09   | IN/EN | 1976           |  | 46.58   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 338   | 97  | 47.46   | IN/EN | 3 1978         |  | 46.40   | IN/EN | 5 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10327 | 97  | 47.61   | ON/LE | 23 1 1976      |  | 46.24   | ON/LE | 9 5 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 345   | 99  | 47.78   | AT/A  | 1845 10 1 1977 |  | 45.99   | AT/A  | 1339 9 5 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1977                              | 47.41           | 23                                | 1976          | 47.61           | 1845                                     | 10          | 1977          | 47.78           |  | 1967                              | 46.67           | 1                                 | 1966          | 46.49           | 440                                      | 1           | 1962          | 46.33           |  |
| 2             | 1976                              | 47.40           | 2                                 | 1978          | 47.59           | 1500                                     | 2           | 1978          | 47.60           |  | 1975                              | 46.51           | 20                                | 1965          | 46.63           | 1510                                     | 20          | 1965          | 46.60           |  |
| 3             | 1978                              | 47.46           | 27                                | 1978          | 47.54           | 1142                                     | 21          | 1976          | 47.55           |  | 1965                              | 46.67           | 27                                | 1964          | 46.38           | 611                                      | 27          | 1964          | 46.20           |  |
| 4             | 1972                              | 47.09           | 2                                 | 1972          | 47.38           | 2400                                     | 1           | 1972          | 47.40           |  | 1964                              | 46.44           | 6                                 | 1964          | 46.34           | 530                                      | 6           | 1964          | 46.27           |  |
| 5             | 1973                              | 47.00           | 25                                | 1979          | 47.08           | 1528                                     | 25          | 1979          | 47.20           |  | 1964                              | 46.40           | 9                                 | 1964          | 46.24           | 1339                                     | 9           | 1964          | 45.99           |  |
| 6             | 1973                              | 47.06           | 17                                | 1973          | 47.10           | 2300                                     | 22          | 1972          | 47.18           |  | 1964                              | 46.42           | 20                                | 1964          | 46.38           | 605                                      | 17          | 1964          | 46.27           |  |
| 7             | 1973                              | 47.11           | 31                                | 1973          | 47.16           | 2330                                     | 31          | 1973          | 47.18           |  | 1964                              | 46.54           | 1                                 | 1964          | 46.48           | 520                                      | 4           | 1964          | 46.41           |  |
| 8             | 1974                              | 47.09           | 1                                 | 1973          | 47.17           | 230                                      | 1           | 1973          | 47.19           |  | 1964                              | 46.57           | 5                                 | 1962          | 46.52           | 652                                      | 5           | 1962          | 46.42           |  |
| 9             | 1986                              | 47.05           | 20                                | 1977          | 47.15           | 1815                                     | 20          | 1977          | 47.24           |  | 1964                              | 46.57           | 30                                | 1962          | 46.51           | 628                                      | 30          | 1962          | 46.41           |  |
| 10            | 1986                              | 47.04           | 2                                 | 1977          | 47.14           | 2308                                     | 1           | 1977          | 47.27           |  | 1960                              | 46.51           | 22                                | 1960          | 46.42           | 750                                      | 30          | 1965          | 46.35           |  |
| 11            | 1986                              | 47.03           | 7                                 | 1977          | 47.14           | 110                                      | 21          | 1986          | 47.21           |  | 1960                              | 46.47           | 30                                | 1960          | 46.38           | 752                                      | 27          | 1963          | 46.25           |  |
| 12            | 1976                              | 47.07           | 23                                | 1976          | 47.45           | 1906                                     | 30          | 1968          | 47.58           |  | 1961                              | 46.53           | 9                                 | 1960          | 46.35           | 350                                      | 10          | 1960          | 46.17           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 14940 SUMMERSTOWN ONT

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 46.615 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                    |
|---------------------------------------|---------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 46.750 IN/LE 2 MONTH/MOIS |  | 46.521 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 46.94 ON/LE 8 1           |  | 46.42 ON/LE 21 12          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 46.98 AT/A 1453 ON/LE 7 1 |  | 46.35 AT/A 34 ON/LE 11 11  |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |      |    |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|------|----|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |      |    |  |
| JAN           | 46.698          | 46.94 8                     | 46.51 5          | 46.98 1453 7                          | 46.46                  | 1415 | 5  |  |
| FEB/FEV       | 46.750          | 46.80 23                    | 46.70 13         | 46.83 1851 8                          | 46.63                  | 208  | 2  |  |
| MAR           | 46.739          | 46.85 11                    | 46.54 31         | 46.86 1955 11                         | 46.50                  | 715  | 31 |  |
| APR/AVR       | 46.577          | 46.74 29                    | 46.44 20         | 46.83 1800 29                         | 46.36                  | 534  | 20 |  |
| MAY/MAI       | 46.577          | 46.64 8                     | 46.51 13         | 46.70 1952 8                          | 46.40                  | 347  | 12 |  |
| JUNE/JUIN     | 46.552          | 46.63 1                     | 46.49 11         | 46.85 1750 1                          | 46.39                  | 700  | 11 |  |
| JULY/JUIL     | 46.593          | 46.65 27                    | 46.54 2          | 46.73 1642 26                         | 46.46                  | 245  | 2  |  |
| AUG/AOUT      | 46.625          | 46.72 24                    | 46.57 12         | 46.79 1749 24                         | 46.47                  | 116  | 12 |  |
| SEPT          | 46.584          | 46.65 9                     | 46.54 15         | 46.73 2030 9                          | 46.47                  | 208  | 6  |  |
| OCT           | 46.591          | 46.75 22                    | 46.47 29         | 46.84 1223 22                         | 46.38                  | 425  | 29 |  |
| NOV           | 46.598          | 46.72 6                     | 46.49 17         | 46.83 2234 5                          | 46.35                  | 34   | 11 |  |
| DEC           | 46.521          | 46.58 6                     | 46.42 21         | 46.64 755 23                          | 46.37                  | 147  | 21 |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 14940 SUMMERSTOWN ONT  
LAT / LONG 4503N / 7433W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                 |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|-----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                 |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 46.73   | IN/EN | 1973            |  | 46.46   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 328   | 94  | 46.91   | IN/EN | 3 1978          |  | 46.34   | IN/EN | 11 1960       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10059 | 95  | 47.04   | ON/LE | 4 1 1978        |  | 46.22   | ON/LE | 10 12 1960    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 342   | 98  | 47.10   | AT/A  | 1955 26 12 1968 |  | 46.06   | AT/A  | 1320 9 5 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |               |                 |               |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1978                              | 46.89           | 4                                 | 1978          | 47.04                                    | 1923          | 4           | 1978          | 47.06                             | 1967          | 46.52                             | 8           | 1980                                     | 46.31           | 1305          | 12          | 1980          | 46.24           |               |                 |
| 2             | 1978                              | 46.90           | 2                                 | 1978          | 46.93                                    | 706           | 28          | 1976          | 46.94                             | 1962          | 46.60                             | 20          | 1965                                     | 46.52           | 914           | 4           | 1962          | 46.49           |               |                 |
| 3             | 1978                              | 46.91           | 28                                | 1986          | 47.02                                    | 1215          | 31          | 1986          | 47.06                             | 1981          | 46.55                             | 27          | 1964                                     | 46.37           | 625           | 27          | 1964          | 46.24           |               |                 |
| 4             | 1971                              | 46.80           | 11                                | 1971          | 46.99                                    | 2200          | 11          | 1971          | 47.03                             | 1964          | 46.39                             | 6           | 1964                                     | 46.28           | 844           | 6           | 1964          | 46.23           |               |                 |
| 5             | 1973                              | 46.67           | 29                                | 1984          | 46.79                                    | 920           | 29          | 1984          | 46.86                             | 1964          | 46.35                             | 9           | 1964                                     | 46.24           | 1320          | 9           | 1964          | 46.06           |               |                 |
| 6             | 1973                              | 46.71           | 25                                | 1974          | 46.77                                    | 1750          | 1           | 1988          | 46.85                             | 1964          | 46.37                             | 1           | 1965                                     | 46.33           | 635           | 17          | 1964          | 46.25           |               |                 |
| 7             | 1973                              | 46.75           | 31                                | 1973          | 46.81                                    | 2400          | 31          | 1973          | 46.82                             | 1964          | 46.43                             | 3           | 1962                                     | 46.38           | 735           | 4           | 1964          | 46.31           |               |                 |
| 8             | 1973                              | 46.76           | 1                                 | 1973          | 46.81                                    | 1245          | 25          | 1982          | 46.84                             | 1964          | 46.43                             | 5           | 1962                                     | 46.38           | 845           | 5           | 1962          | 46.31           |               |                 |
| 9             | 1973                              | 46.74           | 20                                | 1977          | 46.83                                    | 1815          | 20          | 1977          | 46.92                             | 1964          | 46.44                             | 27          | 1961                                     | 46.38           | 920           | 30          | 1966          | 46.29           |               |                 |
| 10            | 1973                              | 46.72           | 2                                 | 1977          | 46.81                                    | 2214          | 1           | 1977          | 46.92                             | 1960          | 46.39                             | 17          | 1960                                     | 46.31           | 835           | 30          | 1965          | 46.26           |               |                 |
| 11            | 1977                              | 46.69           | 21                                | 1974          | 46.87                                    | 1215          | 21          | 1974          | 47.06                             | 1960          | 46.34                             | 30          | 1960                                     | 46.25           | 1323          | 23          | 1963          | 46.19           |               |                 |
| 12            | 1976                              | 46.74           | 26                                | 1968          | 47.00                                    | 1955          | 26          | 1968          | 47.10                             | 1960          | 46.42                             | 10          | 1960                                     | 46.22           | 325           | 10          | 1960          | 46.09           |               |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15110 COTEAU-LANDING QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES  
\* \* \* \* \*

YEARLY MEAN 46.352 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 323 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                    |
|---------------------------------------|-----------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 46.424 IN/LE 2 MONTH/MOIS   |  | 46.306 IN/LE 12 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 46.46 ON/LE 7 1             |  | 46.23 ON/LE 20 4           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 46.59 AT/A 1806 ON/LE 10 11 |  | 46.16 AT/A 750 ON/LE 20 4  |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES  
\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 46.387          | 46.46 7                     | 46.31 3          | 46.47 1901 8                          | 46.24 548 22           |  |  |
| FEB/FEV       | 46.424          | 46.44 4                     | 46.36 12         | 46.47 901 20                          | 46.31 26 13            |  |  |
| MAR           | 46.383          | 46.44 11                    | 46.30 31         | 46.45 618 12                          | 46.26 840 31           |  |  |
| APR/AVR       | 46.351          | 46.45 30                    | 46.23 20         | 46.51 100 30                          | 46.16 750 20           |  |  |
| MAY/MAI       | 46.361          | 46.43 8                     | 46.29 17         | 46.50 1930 8                          | 46.23 505 12           |  |  |
| JUNE/JUIN     | 46.329          | 46.39 2                     | 46.28 11         | 46.48 2020 25                         | 46.24 915 11           |  |  |
| JULY/JUIL     | 46.350          | 46.39 27                    | 46.29 1          | 46.45 1502 26                         | 46.26 913 1            |  |  |
| AUG/AOUT      | 46.337          | 46.38 15                    | 46.27 11         | 46.46 2205 2                          | 46.21 718 17           |  |  |
| OCT           | 46.330          | 46.39 23                    | 46.24 30         | 46.45 1740 24                         | 46.20 45 4             |  |  |
| NOV           | 46.343          | 46.41 21                    | 46.26 19         | 46.59 1806 10                         | 46.21 256 11           |  |  |
| DEC           | 46.306          | 46.37 25                    | 46.24 16         | 46.42 1032 15                         | 46.18 137 29           |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15110 COTEAU-LANDING QUE  
LAT / LONG 4515N / 7412W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |              |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|--------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |              |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 46.45   | IN/EN | 1973           |  | 46.34   | IN/EN | 1962         |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 334   | 96  | 46.55   | IN/EN | 2 1980         |  | 46.27   | IN/EN | 11 1960      |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10072 | 95  | 46.59   | ON/LE | 1 2 1960       |  | 46.05   | ON/LE | 30 12 1979   |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 342   | 98  | 46.70   | AT/A  | 530 18 12 1972 |  | 46.03   | AT/A  | 902 3 1 1982 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   | MINIMUM       |                                   |             |                                          |                 |               |             |               |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             |               |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1960                              | 46.54           | 9                                 | 1960          | 46.58                                    | 25            | 9           | 1960          | 46.66                             | 1980          | 46.33                             | 5           | 1980                                     | 46.12           | 902           | 3           | 1982          | 46.03           |
| 2             | 1980                              | 46.55           | 1                                 | 1960          | 46.59                                    | 1820          | 3           | 1976          | 46.64                             | 1967          | 46.42                             | 26          | 1981                                     | 46.33           | 945           | 26          | 1981          | 46.27           |
| 3             | 1971                              | 46.53           | 1                                 | 1979          | 46.59                                    | 39            | 28          | 1963          | 46.62                             | 1981          | 46.38                             | 20          | 1979                                     | 46.30           | 840           | 31          | 1988          | 46.26           |
| 4             | 1971                              | 46.48           | 1                                 | 1960          | 46.57                                    | 1210          | 19          | 1975          | 46.69                             | 1961          | 46.32                             | 25          | 1960                                     | 46.18           | 1058          | 6           | 1964          | 46.11           |
| 5             | 1972                              | 46.45           | 5                                 | 1972          | 46.50                                    | 1201          | 1           | 1974          | 46.58                             | 1963          | 46.29                             | 13          | 1962                                     | 46.24           | 1025          | 14          | 1964          | 46.15           |
| 6             | 1974                              | 46.47           | 7                                 | 1974          | 46.49                                    | 1838          | 11          | 1973          | 46.56                             | 1964          | 46.30                             | 26          | 1960                                     | 46.27           | 907           | 3           | 1963          | 46.19           |
| 7             | 1974                              | 46.46           | 5                                 | 1974          | 46.49                                    | 1635          | 24          | 1975          | 46.56                             | 1964          | 46.32                             | 5           | 1962                                     | 46.27           | 1020          | 5           | 1962          | 46.18           |
| 8             | 1973                              | 46.44           | 30                                | 1979          | 46.50                                    | 1744          | 30          | 1979          | 46.59                             | 1964          | 46.32                             | 25          | 1960                                     | 46.23           | 1010          | 5           | 1962          | 46.16           |
| 9             | 1979                              | 46.46           | 14                                | 1979          | 46.51                                    | 1101          | 14          | 1979          | 46.60                             | 1964          | 46.32                             | 28          | 1962                                     | 46.19           | 1253          | 28          | 1962          | 46.06           |
| 10            | 1979                              | 46.44           | 12                                | 1979          | 46.51                                    | 535           | 6           | 1979          | 46.60                             | 1960          | 46.29                             | 16          | 1960                                     | 46.24           | 830           | 17          | 1963          | 46.17           |
| 11            | 1977                              | 46.45           | 27                                | 1972          | 46.51                                    | 1812          | 10          | 1975          | 46.68                             | 1960          | 46.27                             | 27          | 1960                                     | 46.19           | 855           | 28          | 1960          | 46.09           |
| 12            | 1972                              | 46.48           | 28                                | 1970          | 46.54                                    | 530           | 18          | 1972          | 46.70                             | 1961          | 46.30                             | 30          | 1979                                     | 46.05           | 1000          | 30          | 1979          | 46.04           |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15140 COTEAU-DU-LAC QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 40.013 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                    |
|---------------------------------------|---------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 40.226 IN/LE 6 MONTH/MOIS |  | 39.322 IN/LE 3 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 40.63 ON/LE 8 1           |  | 39.12 ON/LE 15 4           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 40.68 AT/A 758 ON/LE 8 1  |  | 39.06 AT/A 1200 ON/LE 15 4 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 40.142          | 40.63 8                     | 39.97 18         | 40.68 758 8                           | 39.94 2115 14          |  |  |
| FEB/FEV       | 40.049          | 40.19 23                    | 39.98 18         | 40.29 1605 23                         | 39.18 658 29           |  |  |
| MAR           | 39.322          | 39.49 26                    | 39.14 6          | 39.67 650 26                          | 39.09 57 7             |  |  |
| APR/AVR       | 39.490          | 40.19 29                    | 39.12 15         | 40.26 2359 30                         | 39.06 1200 15          |  |  |
| MAY/MAI       | 40.167          | 40.28 29                    | 40.08 1          | 40.31 2040 30                         | 40.00 247 11           |  |  |
| JUNE/JUIN     | 40.226          | 40.34 10                    | 40.07 24         | 40.38 1040 17                         | 40.04 900 24           |  |  |
| JULY/JUIL     | 40.153          | 40.27 27                    | 40.11 2          | 40.29 1217 27                         | 40.04 2117 24          |  |  |
| AUG/AOUT      | 40.167          | 40.31 26                    | 39.95 19         | 40.45 1835 25                         | 39.91 1300 19          |  |  |
| SEPT          | 40.086          | 40.12 30                    | 40.06 2          | 40.22 820 19                          | 40.04 705 2            |  |  |
| OCT           | 40.098          | 40.22 25                    | 40.05 12         | 40.27 1205 13                         | 39.98 825 12           |  |  |
| NOV           | 40.110          | 40.20 21                    | 40.03 4          | 40.26 2050 10                         | 40.01 2315 3           |  |  |
| DEC           | 40.125          | 40.30 30                    | 40.06 22         | 40.33 645 31                          | 39.99 710 22           |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15140 COTEAU-DU-LAC QUE  
LAT / LONG 4517N / 7410W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 40.51   | IN/EN | 1973          |  | 40.01   | IN/EN | 1988           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 340   | 98  | 41.02   | IN/EN | 1 1969        |  | 39.32   | IN/EN | 3 1988         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10317 | 97  | 41.63   | ON/LE | 12 1 1980     |  | 39.12   | ON/LE | 15 4 1988      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 345   | 99  | 42.02   | AT/A  | 915 12 1 1980 |  | 39.01   | AT/A  | 1322 25 3 1981 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1969                              | 41.02           | 12                                | 1980          | 41.63                                    | 915           | 12          | 1980          | 42.02                             | 1981          | 40.14                             | 17          | 1965                                     | 39.86           | 1910          | 23          | 1965                              | 39.58           |                                   |                 |
| 2             | 1973                              | 40.62           | 2                                 | 1986          | 41.06                                    | 1800          | 11          | 1984          | 41.09                             | 1981          | 39.92                             | 16          | 1981                                     | 39.61           | 658           | 29          | 1988                              | 39.18           |                                   |                 |
| 3             | 1976                              | 40.66           | 15                                | 1977          | 41.00                                    | 841           | 29          | 1986          | 41.17                             | 1988          | 39.32                             | 6           | 1988                                     | 39.14           | 1322          | 25          | 1981                              | 39.01           |                                   |                 |
| 4             | 1978                              | 40.66           | 12                                | 1978          | 41.00                                    | 1029          | 12          | 1978          | 41.13                             | 1988          | 39.49                             | 15          | 1988                                     | 39.12           | 1200          | 15          | 1988                              | 39.06           |                                   |                 |
| 5             | 1976                              | 40.48           | 20                                | 1976          | 40.66                                    | 1005          | 20          | 1976          | 40.73                             | 1963          | 39.91                             | 15          | 1965                                     | 39.35           | 1950          | 12          | 1965                              | 39.30           |                                   |                 |
| 6             | 1960                              | 40.58           | 19                                | 1960          | 40.77                                    | 1552          | 6           | 1983          | 41.00                             | 1961          | 39.78                             | 17          | 1961                                     | 39.40           | 200           | 17          | 1961                              | 39.24           |                                   |                 |
| 7             | 1976                              | 40.55           | 24                                | 1960          | 40.75                                    | 835           | 24          | 1960          | 40.80                             | 1961          | 39.75                             | 12          | 1975                                     | 39.46           | 2238          | 15          | 1961                              | 39.39           |                                   |                 |
| 8             | 1984                              | 40.56           | 7                                 | 1960          | 40.68                                    | 504           | 9           | 1981          | 40.85                             | 1962          | 40.08                             | 16          | 1977                                     | 39.51           | 20            | 2           | 1961                              | 39.46           |                                   |                 |
| 9             | 1986                              | 40.51           | 22                                | 1977          | 40.65                                    | 740           | 3           | 1983          | 40.75                             | 1961          | 40.08                             | 27          | 1963                                     | 39.66           | 1745          | 27          | 1963                              | 39.51           |                                   |                 |
| 10            | 1976                              | 40.46           | 27                                | 1981          | 40.57                                    | 825           | 28          | 1981          | 40.73                             | 1960          | 39.79                             | 25          | 1960                                     | 39.61           | 1930          | 23          | 1961                              | 39.40           |                                   |                 |
| 11            | 1976                              | 40.47           | 10                                | 1981          | 40.55                                    | 2153          | 4           | 1986          | 40.74                             | 1962          | 40.04                             | 16          | 1987                                     | 39.81           | 1737          | 16          | 1987                              | 39.37           |                                   |                 |
| 12            | 1973                              | 40.65           | 23                                | 1973          | 41.44                                    | 1952          | 22          | 1973          | 41.69                             | 1988          | 40.13                             | 4           | 1965                                     | 39.36           | 1330          | 4           | 1965                              | 39.34           |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15220 POINTE-DES-CASCADES QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 21.144 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM      |               | MINIMUM                   |
|---------------------------------------|--------------|---------------|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 21.479 IN/LE | 4 MONTH/MOIS  | 20.805 IN/LE 7 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 21.80 ON/LE  | 9 2           | 20.73 ON/LE 11 7          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 21.85 AT/A   | 150 ON/LE 1 5 | 20.58 AT/A 1130 ON/LE 7 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 21.266          | 21.51 12                    | 20.97 19         | 21.54 2143 29                         | 20.91 2245 6           |  |  |
| FEB/FEV       | 21.451          | 21.80 9                     | 21.17 1          | 21.84 1450 9                          | 21.05 622 1            |  |  |
| MAR           | 21.213          | 21.49 2                     | 21.05 19         | 21.56 2138 2                          | 20.98 1905 20          |  |  |
| APR/AVR       | 21.479          | 21.75 9                     | 21.24 24         | 21.84 2345 30                         | 21.15 2238 18          |  |  |
| MAY/MAI       | 21.144          | 21.75 1                     | 20.97 13         | 21.85 150 1                           | 20.87 1345 13          |  |  |
| JUNE/JUIN     | 20.903          | 21.10 3                     | 20.76 25         | 21.24 2305 2                          | 20.67 1915 25          |  |  |
| JULY/JUIL     | 20.805          | 20.95 1                     | 20.73 11         | 21.04 2017 1                          | 20.58 1130 7           |  |  |
| AUG/AOUT      | 20.927          | 21.08 26                    | 20.81 2          | 21.11 1935 26                         | 20.69 2110 2           |  |  |
| SEPT          | 20.931          | 21.05 2                     | 20.86 27         | 21.08 2210 2                          | 20.74 705 17           |  |  |
| OCT           | 21.067          | 21.37 26                    | 20.87 2          | 21.42 745 26                          | 20.76 605 2            |  |  |
| NOV           | 21.441          | 21.67 8                     | 21.18 1          | 21.74 405 8                           | 21.14 645 1            |  |  |
| DEC           | 21.138          | 21.36 1                     | 20.90 25         | 21.41 2045 1                          | 20.82 925 25           |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15220 POINTE-DES-CASCADES QUE  
LAT / LONG 4520N / 7357W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 21.85   | IN/EN | 1973         |  | 20.60   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 333   | 96  | 22.53   | IN/EN | 5 1974       |  | 20.38   | IN/EN | 3 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10185 | 96  | 22.96   | ON/LE | 2 4 1976     |  | 20.20   | ON/LE | 14 3 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 343   | 99  | 23.03   | AT/A  | 450 2 4 1976 |  | 20.17   | AT/A  | 910 28 3 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
|         | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|         | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1       | 1978                                 | 21.83           | 4                                    | 1978          | 22.16           | 1423                                        | 4           | 1978          | 22.19           | 1965                                 | 20.82           | 10                                   | 1965          | 20.49           | 515                                         | 10          | 1965          | 20.45           |  |
| 2       | 1978                                 | 22.05           | 26                                   | 1981          | 22.29           | 725                                         | 26          | 1981          | 22.34           | 1965                                 | 20.76           | 28                                   | 1965          | 20.35           | 2400                                        | 28          | 1965          | 20.27           |  |
| 3       | 1973                                 | 22.13           | 31                                   | 1976          | 22.73           | 245                                         | 19          | 1973          | 22.77           | 1965                                 | 20.38           | 14                                   | 1965          | 20.20           | 910                                         | 28          | 1965          | 20.17           |  |
| 4       | 1976                                 | 22.44           | 2                                    | 1976          | 22.96           | 450                                         | 2           | 1976          | 23.03           | 1965                                 | 20.53           | 4                                    | 1965          | 20.22           | 706                                         | 4           | 1965          | 20.17           |  |
| 5       | 1974                                 | 22.53           | 23                                   | 1974          | 22.75           | 2038                                        | 23          | 1974          | 22.81           | 1964                                 | 20.48           | 10                                   | 1964          | 20.35           | 1434                                        | 9           | 1964          | 20.29           |  |
| 6       | 1974                                 | 22.26           | 4                                    | 1974          | 22.45           | 1817                                        | 4           | 1974          | 22.53           | 1965                                 | 20.39           | 4                                    | 1965          | 20.36           | 657                                         | 24          | 1965          | 20.32           |  |
| 7       | 1973                                 | 22.04           | 1                                    | 1973          | 22.20           | 902                                         | 4           | 1973          | 22.24           | 1965                                 | 20.46           | 2                                    | 1965          | 20.38           | 1520                                        | 5           | 1965          | 20.34           |  |
| 8       | 1972                                 | 21.85           | 9                                    | 1972          | 22.03           | 2110                                        | 8           | 1972          | 22.08           | 1964                                 | 20.53           | 3                                    | 1965          | 20.45           | 725                                         | 4           | 1964          | 20.42           |  |
| 9       | 1986                                 | 21.80           | 13                                   | 1986          | 21.98           | 2352                                        | 30          | 1986          | 22.05           | 1964                                 | 20.50           | 13                                   | 1964          | 20.46           | 31                                          | 15          | 1964          | 20.42           |  |
| 10      | 1986                                 | 21.86           | 29                                   | 1981          | 22.19           | 2210                                        | 29          | 1981          | 22.24           | 1964                                 | 20.49           | 18                                   | 1960          | 20.43           | 947                                         | 14          | 1963          | 20.40           |  |
| 11      | 1986                                 | 21.88           | 10                                   | 1972          | 22.00           | 1315                                        | 21          | 1974          | 22.14           | 1964                                 | 20.43           | 15                                   | 1964          | 20.34           | 405                                         | 18          | 1964          | 20.28           |  |
| 12      | 1986                                 | 21.82           | 4                                    | 1986          | 22.02           | 1323                                        | 4           | 1986          | 22.08           | 1964                                 | 20.48           | 26                                   | 1964          | 20.32           | 1000                                        | 2           | 1964          | 20.26           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15260 BEAUHARNOIS ABOVE/AMONT QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 45.832 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 322 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |       |      |            | MINIMUM |       |
|---------------------------------------|---------|-------|------|------------|---------|-------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 46.012  | IN/LE | 5    | MONTH/MOIS | 45.565  | IN/LE |
| DAILY MEAN/MOYENNE JOURNALIERE        | 46.14   | ON/LE | 8    | 5          | 45.23   | ON/LE |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 46.62   | AT/A  | 2320 | ON/LE      | 45.11   | AT/A  |
|                                       |         |       | 18   | 4          |         | 1215  |
|                                       |         |       |      |            |         | ON/LE |
|                                       |         |       |      |            |         | 13    |
|                                       |         |       |      |            |         | 1     |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|---------|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               | MINIMUM |
|               |                 | DY/JR                       | DY/JR   | TM/HR                                 | DY/JR   |
| JAN           | 45.573          | 46.03                       | 6       | 45.23                                 | 13      |
| FEB/FEV       | 45.565          | 45.73                       | 2       | 45.29                                 | 12      |
| MAR           | 45.687          | 45.88                       | 28      | 45.50                                 | 8       |
| APR/AVR       | 45.879          | 46.00                       | 18      | 45.75                                 | 20      |
| MAY/MAI       | 46.012          | 46.14                       | 8       | 45.87                                 | 17      |
| JUNE/JUIN     | 45.990          | 46.10                       | 8       | 45.86                                 | 24      |
| AUG/AOUT      | 45.937          | 46.03                       | 9       | 45.81                                 | 16      |
| SEPT          | 45.848          | 45.95                       | 9       | 45.73                                 | 4       |
| OCT           | 45.911          | 46.01                       | 9       | 45.80                                 | 30      |
| NOV           | 45.915          | 46.07                       | 6       | 45.81                                 | 19      |
| DEC           | 45.867          | 45.99                       | 15      | 45.75                                 | 17      |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15260 BEAUHARNOIS ABOVE/AMONT QUE  
LAT / LONG 4517N / 7355W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1961                                            | 1988    | 28    | 100 | 45.91   | IN/EN | 1965           |  | 45.48   | IN/EN | 1973          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1959                                         | 12 1988 | 323   | 93  | 46.01   | IN/EN | 5 1988         |  | 45.02   | IN/EN | 3 1971        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 9852  | 93  | 46.29   | ON/LE | 25 12 1977     |  | 44.77   | ON/LE | 25 12 1976    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 337   | 97  | 46.62   | AT/A  | 2320 18 4 1988 |  | 44.72   | AT/A  | 1517 7 4 1972 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1965                              | 45.93           | 23                                | 1987          | 46.21           | 1645                                     | 23          | 1987          | 46.41           |  | 1984                              | 45.10           | 3                                 | 1977          | 44.93           | 857                                      | 7           | 1977          | 44.78           |  |
| 2             | 1965                              | 45.86           | 6                                 | 1965          | 46.09           | 1502                                     | 28          | 1983          | 46.23           |  | 1975                              | 45.07           | 20                                | 1974          | 44.94           | 608                                      | 20          | 1974          | 44.88           |  |
| 3             | 1965                              | 45.94           | 27                                | 1965          | 46.13           | 240                                      | 28          | 1964          | 46.18           |  | 1971                              | 45.02           | 28                                | 1972          | 44.87           | 232                                      | 30          | 1972          | 44.78           |  |
| 4             | 1965                              | 46.00           | 25                                | 1965          | 46.11           | 2320                                     | 18          | 1988          | 46.62           |  | 1971                              | 45.38           | 2                                 | 1972          | 44.85           | 1517                                     | 7           | 1972          | 44.72           |  |
| 5             | 1988                              | 46.01           | 16                                | 1983          | 46.26           | 1410                                     | 9           | 1964          | 46.38           |  | 1973                              | 45.56           | 29                                | 1961          | 45.46           | 1316                                     | 31          | 1973          | 45.29           |  |
| 6             | 1988                              | 45.99           | 19                                | 1960          | 46.12           | 25                                       | 24          | 1981          | 46.45           |  | 1961                              | 45.47           | 30                                | 1961          | 45.34           | 725                                      | 21          | 1961          | 45.24           |  |
| 7             | 1960                              | 45.98           | 3                                 | 1960          | 46.18           | 1948                                     | 7           | 1982          | 46.50           |  | 1961                              | 45.42           | 14                                | 1961          | 45.30           | 849                                      | 14          | 1961          | 45.16           |  |
| 8             | 1988                              | 45.94           | 7                                 | 1960          | 46.17           | 1857                                     | 15          | 1984          | 46.50           |  | 1973                              | 45.54           | 1                                 | 1961          | 45.38           | 1113                                     | 9           | 1961          | 45.29           |  |
| 9             | 1984                              | 45.91           | 24                                | 1983          | 46.03           | 1238                                     | 14          | 1983          | 46.53           |  | 1973                              | 45.53           | 28                                | 1962          | 45.42           | 1340                                     | 28          | 1962          | 45.19           |  |
| 10            | 1988                              | 45.91           | 26                                | 1980          | 46.01           | 1023                                     | 14          | 1979          | 46.48           |  | 1973                              | 45.52           | 13                                | 1973          | 45.46           | 2043                                     | 4           | 1973          | 45.28           |  |
| 11            | 1988                              | 45.92           | 6                                 | 1988          | 46.07           | 216                                      | 19          | 1987          | 46.27           |  | 1973                              | 45.59           | 10                                | 1967          | 45.48           | 45                                       | 15          | 1967          | 45.29           |  |
| 12            | 1964                              | 45.99           | 25                                | 1977          | 46.29           | 1440                                     | 14          | 1982          | 46.62           |  | 1967                              | 45.58           | 25                                | 1976          | 44.77           | 1048                                     | 31          | 1975          | 44.82           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15262 BEAUHARNOIS BELOW/AVAL QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 21.232 MOYENNE ANNUELLE

NUMBER OF DAYS USED 355 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                   |
|---------------------------------------|---------------------------|--|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 21.563 IN/LE 4 MONTH/MOIS |  | 20.879 IN/LE 7 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 21.88 ON/LE 9 2           |  | 20.81 ON/LE 11 7          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 22.02 AT/A 211 ON/LE 1 5  |  | 20.71 AT/A 1105 ON/LE 7 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE<br>MAXIMUM | MINIMUM  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE<br>MAXIMUM | MINIMUM       |
|---------------|-----------------|----------------------------------------|----------|--------------------------------------------------|---------------|
|               |                 | DY/JR                                  | DY/JR    | TM/HR DY/JR                                      | TM/HR DY/JR   |
| JAN           | 21.356          | 21.60 12                               | 21.06 19 | 21.64 614 13                                     | 21.01 703 19  |
| FEB/FEV       | 21.542          | 21.88 9                                | 21.25 1  | 21.93 1555 9                                     | 21.16 658 1   |
| MAR           | 21.304          | 21.58 2                                | 21.13 25 | 21.66 2209 2                                     | 21.07 2300 25 |
| APR/AVR       | 21.563          | 21.83 9                                | 21.34 24 | 21.99 2143 30                                    | 21.23 8 19    |
| MAY/MAI       | 21.236          | 21.85 1                                | 21.07 28 | 22.02 211 1                                      | 20.94 752 28  |
| JUNE/JUIN     | 20.982          | 21.20 1                                | 20.82 25 | 21.37 2130 2                                     | 20.73 600 25  |
| JULY/JUIL     | 20.879          | 21.02 1                                | 20.81 11 | 21.18 1955 1                                     | 20.71 1105 7  |
| AUG/AOUT      | 21.015          | 21.17 26                               | 20.88 2  | 21.27 1925 27                                    | 20.71 1952 2  |
| SEPT          | 21.008          | 21.14 2                                | 20.93 27 | 21.24 2048 2                                     | 20.84 640 17  |
| OCT           | 21.147          | 21.46 26                               | 20.95 2  | 21.56 722 26                                     | 20.82 507 2   |
| NOV           | 21.527          | 21.76 8                                | 21.27 1  | 21.90 212 8                                      | 21.21 455 1   |
| DEC           | 21.232          | 21.46 1                                | 21.00 25 | 21.58 2252 1                                     | 20.90 935 25  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15262 BEAUHARNOIS BELOW/AVAL QUE  
LAT / LONG 4519N / 7354W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 21.87   | IN/EN | 1973         |  | 20.62   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1960                                          | 12 1988 | 331   | 97  | 22.56   | IN/EN | 5 1974       |  | 20.41   | IN/EN | 6 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 9978  | 94  | 22.97   | ON/LE | 2 4 1976     |  | 20.13   | ON/LE | 4 4 1965      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 342   | 98  | 23.06   | AT/A  | 520 2 4 1976 |  | 20.04   | AT/A  | 1935 4 4 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |             |                                   |                 |             |                                          |                 |             | MINIMUM                           |                 |             |                                   |                 |             |                                          |                 |             |
|---------------|-----------------------------------|-----------------|-------------|-----------------------------------|-----------------|-------------|------------------------------------------|-----------------|-------------|-----------------------------------|-----------------|-------------|-----------------------------------|-----------------|-------------|------------------------------------------|-----------------|-------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 |             | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |             |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | DAY<br>JOUR |
| 1             | 1978                              | 21.84           | 4           | 1978                              | 22.18           | 830         | 4                                        | 1978            | 22.23       | 1965                              | 20.86           | 10          | 1965                              | 20.52           | 525         | 10                                       | 1965            | 20.49       |
| 2             | 1978                              | 22.04           | 25          | 1981                              | 22.30           | 520         | 26                                       | 1981            | 22.36       | 1965                              | 20.80           | 28          | 1965                              | 20.39           | 2340        | 28                                       | 1965            | 20.30       |
| 3             | 1973                              | 22.16           | 19          | 1973                              | 22.76           | 210         | 19                                       | 1973            | 22.82       | 1965                              | 20.44           | 28          | 1965                              | 20.14           | 615         | 29                                       | 1965            | 20.09       |
| 4             | 1976                              | 22.47           | 2           | 1976                              | 22.97           | 520         | 2                                        | 1976            | 23.06       | 1965                              | 20.55           | 4           | 1965                              | 20.13           | 1935        | 4                                        | 1965            | 20.04       |
| 5             | 1974                              | 22.56           | 23          | 1974                              | 22.77           | 1833        | 23                                       | 1974            | 22.93       | 1964                              | 20.52           | 10          | 1964                              | 20.40           | 1453        | 9                                        | 1964            | 20.36       |
| 6             | 1974                              | 22.28           | 1           | 1974                              | 22.50           | 636         | 1                                        | 1974            | 22.60       | 1965                              | 20.41           | 4           | 1965                              | 20.39           | 1740        | 22                                       | 1965            | 20.32       |
| 7             | 1973                              | 22.05           | 1           | 1973                              | 22.21           | 716         | 4                                        | 1973            | 22.35       | 1965                              | 20.49           | 1           | 1965                              | 20.41           | 1125        | 2                                        | 1965            | 20.35       |
| 8             | 1972                              | 21.86           | 9           | 1972                              | 22.05           | 2154        | 8                                        | 1972            | 22.21       | 1964                              | 20.55           | 4           | 1964                              | 20.48           | 704         | 4                                        | 1964            | 20.41       |
| 9             | 1986                              | 21.81           | 13          | 1986                              | 22.00           | 2158        | 13                                       | 1986            | 22.14       | 1964                              | 20.53           | 13          | 1964                              | 20.49           | 2332        | 14                                       | 1964            | 20.42       |
| 10            | 1986                              | 21.86           | 29          | 1981                              | 22.19           | 2138        | 29                                       | 1981            | 22.33       | 1964                              | 20.51           | 18          | 1960                              | 20.46           | 705         | 31                                       | 1964            | 20.40       |
| 11            | 1986                              | 21.89           | 10          | 1972                              | 22.03           | 1702        | 10                                       | 1972            | 22.19       | 1964                              | 20.45           | 15          | 1964                              | 20.35           | 2043        | 15                                       | 1964            | 20.29       |
| 12            | 1979                              | 21.78           | 27          | 1979                              | 22.18           | 255         | 27                                       | 1979            | 22.21       | 1964                              | 20.50           | 26          | 1964                              | 20.34           | 950         | 2                                        | 1964            | 20.26       |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15330 POINTE-CLAIRE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 21.124 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 359 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 21.492 IN/LE 4 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 21.79 ON/LE 1 5  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 21.87 AT/A 425 ON/LE 1 5

MINIMUM

20.785 IN/LE 7 MONTH/MOIS  
20.72 ON/LE 11 7  
20.64 AT/A 745 ON/LE 21 7

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |          | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |       |         |      |    |
|---------------|-----------------|-----------------------------|----------|---------------------------------------|-------|-------|---------|------|----|
|               |                 | MAXIMUM                     | MINIMUM  | MAXIMUM                               |       |       | MINIMUM |      |    |
|               |                 | DY/JR                       | DY/JR    | TM/HR                                 | DY/JR | TM/HR | DY/JR   |      |    |
| JAN           | 21.211          | 21.46 12                    | 20.90 19 | 21.49                                 | 405   | 13    | 20.87   | 845  | 19 |
| FEB/FEV       | 21.396          | 21.75 9                     | 21.06 1  | 21.80                                 | 1701  | 9     | 21.00   | 1159 | 1  |
| MAR           | 21.175          | 21.44 2                     | 21.03 16 | 21.50                                 | 2400  | 2     | 20.99   | 2057 | 20 |
| APR/AVR       | 21.492          | 21.76 9                     | 21.28 24 | 21.84                                 | 2250  | 30    | 21.20   | 730  | 24 |
| MAY/MAI       | 21.161          | 21.79 1                     | 21.00 25 | 21.87                                 | 425   | 1     | 20.92   | 530  | 28 |
| JUNE/JUIN     | 20.909          | 21.12 2                     | 20.76 25 | 21.23                                 | 2205  | 2     | 20.70   | 713  | 25 |
| JULY/JUIL     | 20.785          | 20.92 1                     | 20.72 11 | 21.00                                 | 2125  | 1     | 20.64   | 745  | 21 |
| AUG/AOUT      | 20.886          | 21.04 26                    | 20.78 2  | 21.06                                 | 2000  | 26    | 20.64   | 2247 | 2  |
| SEPT          | 20.880          | 21.00 2                     | 20.80 28 | 21.04                                 | 1432  | 4     | 20.74   | 801  | 17 |
| OCT           | 21.040          | 21.36 26                    | 20.81 2  | 21.40                                 | 130   | 29    | 20.74   | 1140 | 2  |
| NOV           | 21.421          | 21.66 8                     | 21.16 1  | 21.72                                 | 240   | 8     | 21.09   | 615  | 2  |
| DEC           | 21.143          | 21.34 1                     | 20.92 25 | 21.36                                 | 817   | 1     | 20.81   | 1010 | 25 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15330 POINTE-CLAIRE QUE  
LAT / LONG 4525N / 7349W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 21.76   | IN/EN | 1973          |  | 20.50   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 339   | 97  | 22.47   | IN/EN | 5 1974        |  | 20.27   | IN/EN | 3 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10251 | 97  | 22.72   | ON/LE | 1 4 1976      |  | 20.00   | ON/LE | 28 3 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 339   | 97  | 22.81   | AT/A  | 1653 1 4 1976 |  | 19.96   | AT/A  | 730 29 3 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1978                              | 21.66           | 4                                 | 1978          | 21.97           | 1307                                     | 31          | 1978          | 21.99           |  | 1965                              | 20.73           | 10                                | 1965          | 20.37           | 840                                      | 10          | 1965          | 20.34           |  |
| 2             | 1978                              | 21.89           | 26                                | 1981          | 22.16           | 505                                      | 26          | 1981          | 22.20           |  | 1965                              | 20.65           | 28                                | 1965          | 20.22           | 2330                                     | 28          | 1965          | 20.12           |  |
| 3             | 1973                              | 22.04           | 19                                | 1973          | 22.66           | 515                                      | 19          | 1973          | 22.70           |  | 1965                              | 20.27           | 28                                | 1965          | 20.00           | 730                                      | 29          | 1965          | 19.96           |  |
| 4             | 1976                              | 22.34           | 1                                 | 1976          | 22.72           | 1653                                     | 1           | 1976          | 22.81           |  | 1965                              | 20.46           | 4                                 | 1965          | 20.03           | 230                                      | 5           | 1965          | 19.98           |  |
| 5             | 1974                              | 22.47           | 23                                | 1974          | 22.67           | 1920                                     | 23          | 1974          | 22.72           |  | 1964                              | 20.43           | 10                                | 1964          | 20.31           | 1811                                     | 10          | 1964          | 20.27           |  |
| 6             | 1974                              | 22.18           | 1                                 | 1974          | 22.39           | 30                                       | 1           | 1974          | 22.44           |  | 1965                              | 20.31           | 22                                | 1965          | 20.28           | 1115                                     | 24          | 1965          | 20.24           |  |
| 7             | 1973                              | 21.93           | 1                                 | 1973          | 22.10           | 601                                      | 4           | 1973          | 22.15           |  | 1965                              | 20.36           | 6                                 | 1965          | 20.28           | 1515                                     | 5           | 1965          | 20.24           |  |
| 8             | 1972                              | 21.73           | 9                                 | 1972          | 21.94           | 1819                                     | 9           | 1972          | 21.99           |  | 1964                              | 20.42           | 4                                 | 1964          | 20.35           | 720                                      | 4           | 1964          | 20.31           |  |
| 9             | 1986                              | 21.66           | 13                                | 1986          | 21.86           | 2158                                     | 13          | 1986          | 21.90           |  | 1964                              | 20.39           | 13                                | 1964          | 20.35           | 28                                       | 15          | 1964          | 20.31           |  |
| 10            | 1986                              | 21.73           | 29                                | 1981          | 22.06           | 135                                      | 30          | 1981          | 22.11           |  | 1964                              | 20.39           | 18                                | 1960          | 20.34           | 828                                      | 26          | 1964          | 20.31           |  |
| 11            | 1986                              | 21.78           | 10                                | 1972          | 21.91           | 1935                                     | 10          | 1972          | 21.95           |  | 1964                              | 20.34           | 15                                | 1964          | 20.24           | 315                                      | 18          | 1964          | 20.21           |  |
| 12            | 1986                              | 21.72           | 27                                | 1979          | 22.06           | 515                                      | 27          | 1979          | 22.08           |  | 1964                              | 20.39           | 20                                | 1964          | 20.24           | 220                                      | 26          | 1964          | 20.20           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15390 LACHINE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 20.814 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 358 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM      |               | MINIMUM                   |
|---------------------------------------|--------------|---------------|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 21.192 IN/LE | 4 MONTH/MOIS  | 20.464 IN/LE              |
| DAILY MEAN/MOYENNE JOURNALIERE        | 21.49 ON/LE  | 1 5           | 20.39 ON/LE               |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 21.57 AT/A   | 427 ON/LE 1 5 | 20.29 AT/A 751 ON/LE 21 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |
| JAN           | 20.880          | 21.17 13                    | 20.57 19         | 21.29 1119                            | 13    | 20.53 758        | 19    |
| FEB/FEV       | 21.055          | 21.40 9                     | 20.72 1          | 21.48 1744                            | 9     | 20.65 1117       | 1     |
| MAR           | 20.855          | 21.08 2                     | 20.71 16         | 21.17 745                             | 28    | 20.68 1815       | 25    |
| APR/AVR       | 21.192          | 21.47 9                     | 20.98 24         | 21.54 2359                            | 30    | 20.90 642        | 24    |
| MAY/MAI       | 20.859          | 21.49 1                     | 20.68 18         | 21.57 427                             | 1     | 20.62 1356       | 18    |
| JUNE/JUIN     | 20.600          | 20.81 2                     | 20.42 25         | 20.91 1                               | 1     | 20.36 705        | 25    |
| JULY/JUIL     | 20.464          | 20.60 1                     | 20.39 16         | 20.68 2120                            | 1     | 20.29 751        | 21    |
| AUG/AOUT      | 20.563          | 20.72 26                    | 20.47 13         | 20.76 1805                            | 26    | 20.40 745        | 13    |
| SEPT          | 20.551          | 20.63 10                    | 20.49 27         | 20.69 1214                            | 14    | 20.40 745        | 17    |
| OCT           | 20.732          | 21.07 26                    | 20.50 2          | 21.15 150                             | 29    | 20.41 1149       | 2     |
| NOV           | 21.135          | 21.38 8                     | 20.85 1          | 21.46 2350                            | 10    | 20.77 645        | 2     |
| DEC           | 20.844          | 21.08 1                     | 20.64 22         | 21.11 2351                            | 1     | 20.51 1015       | 25    |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15390 LACHINE QUE  
LAT / LONG 4525N / 7340W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 21.45   | IN/EN | 1973         |  | 20.19   | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 346   | 99  | 22.17   | IN/EN | 5 1974       |  | 19.94   | IN/EN | 3 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10458 | 99  | 22.51   | ON/LE | 2 4 1976     |  | 19.67   | ON/LE | 28 3 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 347   | 100 | 22.60   | AT/A  | 252 3 4 1976 |  | 19.61   | AT/A  | 545 29 3 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1978                              | 21.33           | 4                                 | 1987          | 21.64           | 921                                      | 8           | 1987          | 21.67           |  | 1965                              | 20.40           | 10                                | 1965          | 20.03           | 743                                      | 10          | 1965          | 19.97           |  |
| 2             | 1978                              | 21.55           | 26                                | 1981          | 21.86           | 455                                      | 26          | 1981          | 21.90           |  | 1965                              | 20.34           | 28                                | 1965          | 19.92           | 2230                                     | 28          | 1965          | 19.80           |  |
| 3             | 1973                              | 21.74           | 19                                | 1973          | 22.38           | 530                                      | 19          | 1973          | 22.42           |  | 1965                              | 19.94           | 28                                | 1965          | 19.67           | 545                                      | 29          | 1965          | 19.61           |  |
| 4             | 1976                              | 22.10           | 2                                 | 1976          | 22.51           | 252                                      | 3           | 1976          | 22.60           |  | 1965                              | 20.15           | 4                                 | 1965          | 19.68           | 2310                                     | 4           | 1965          | 19.64           |  |
| 5             | 1974                              | 22.17           | 23                                | 1974          | 22.38           | 1401                                     | 24          | 1974          | 22.49           |  | 1964                              | 20.13           | 28                                | 1963          | 20.01           | 1845                                     | 28          | 1963          | 19.95           |  |
| 6             | 1974                              | 21.88           | 1                                 | 1974          | 22.11           | 225                                      | 1           | 1974          | 22.16           |  | 1965                              | 20.00           | 23                                | 1965          | 19.96           | 1725                                     | 23          | 1965          | 19.93           |  |
| 7             | 1973                              | 21.63           | 5                                 | 1973          | 21.81           | 1508                                     | 5           | 1973          | 21.86           |  | 1965                              | 20.04           | 2                                 | 1965          | 19.97           | 836                                      | 6           | 1965          | 19.92           |  |
| 8             | 1972                              | 21.42           | 9                                 | 1972          | 21.64           | 2210                                     | 9           | 1972          | 21.73           |  | 1964                              | 20.09           | 3                                 | 1964          | 20.00           | 805                                      | 3           | 1964          | 19.93           |  |
| 9             | 1986                              | 21.35           | 13                                | 1986          | 21.56           | 2210                                     | 9           | 1972          | 21.67           |  | 1964                              | 20.07           | 13                                | 1964          | 20.03           | 627                                      | 14          | 1964          | 19.96           |  |
| 10            | 1986                              | 21.44           | 29                                | 1981          | 21.76           | 230                                      | 30          | 1981          | 21.81           |  | 1964                              | 20.08           | 18                                | 1960          | 20.02           | 1453                                     | 14          | 1963          | 19.96           |  |
| 11            | 1986                              | 21.49           | 29                                | 1986          | 21.61           | 2054                                     | 9           | 1986          | 21.73           |  | 1964                              | 20.04           | 15                                | 1964          | 19.93           | 1126                                     | 15          | 1964          | 19.89           |  |
| 12            | 1986                              | 21.43           | 27                                | 1979          | 21.79           | 440                                      | 27          | 1979          | 21.80           |  | 1964                              | 20.07           | 20                                | 1964          | 19.86           | 520                                      | 21          | 1964          | 19.83           |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15450 COTE-STE-CATHERINE ABOVE/AMONT QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 21.082 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 333 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 21.451 IN/LE 4 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 21.75 ON/LE 1 5  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 21.89 AT/A 535 ON/LE 1 5

MINIMUM

20.759 IN/LE 7 MONTH/MOIS  
20.69 ON/LE 16 7  
20.47 AT/A 952 ON/LE 24 3

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |          | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |         |               |
|---------------|-----------------|-----------------------------|----------|---------------------------------------|---------|---------------|
|               |                 | MAXIMUM                     | MINIMUM  | MAXIMUM                               | MINIMUM |               |
|               |                 | DY/JR                       | DY/JR    | TM/HR                                 | DY/JR   | TM/HR DY/JR   |
| JAN           | 21.175          | 21.45 12                    | 20.85 19 | 21.54 1159                            | 13      | 20.82 810 19  |
| FEB/FEV       | 21.337          | 21.69 9                     | 21.00 1  | 21.75 2009                            | 9       | 20.93 1022 1  |
| MAR           | 21.101          | 21.40 2                     | 20.82 24 | 21.53 1243                            | 29      | 20.47 952 24  |
| APR/AVR       | 21.451          | 21.72 9                     | 21.23 24 | 21.87 2125                            | 30      | 21.06 730 24  |
| JUNE/JUIN     | 20.872          | 21.06 3                     | 20.71 25 | 21.27 2107                            | 2       | 20.59 1135 25 |
| JULY/JUIL     | 20.759          | 20.89 1                     | 20.69 16 | 21.03 1820                            | 1       | 20.54 1450 7  |
| AUG/AOUT      | 20.857          | 21.01 26                    | 20.74 2  | 21.14 1028                            | 26      | 20.52 20 3    |
| SEPT          | 20.864          | 20.98 2                     | 20.79 27 | 21.09 2215                            | 2       | 20.63 904 17  |
| OCT           | 21.011          | 21.33 26                    | 20.80 2  | 21.46 2240                            | 29      | 20.65 1046 5  |
| NOV           | 21.391          | 21.62 8                     | 21.11 1  | 21.78 928                             | 8       | 20.97 550 2   |
| DEC           | 21.085          | 21.35 1                     | 20.85 22 | 21.44 1420                            | 1       | 20.74 825 23  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15450 COTE-STE-CATHERINE ABOVE/AMONT QUE  
LAT / LONG 4524N / 7334W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |              |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|--------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |              |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 21.71   | IN/EN | 1973         |  | 20.50   | IN/EN | 1964         |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 343   | 99  | 22.42   | IN/EN | 5 1974       |  | 20.24   | IN/EN | 3 1965       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 10447 | 98  | 22.84   | ON/LE | 2 4 1976     |  | 19.96   | ON/LE | 28 3 1965    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 348   | 100 | 23.07   | AT/A  | 858 2 4 1976 |  | 19.74   | AT/A  | 750 6 4 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                                          |               |             |               |                                   |               | MINIMUM                           |             |                                          |                 |               |             |                                   |                 |                                   |                 |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|------------------------------------------|---------------|-------------|---------------|-----------------------------------|---------------|-----------------------------------|-------------|------------------------------------------|-----------------|---------------|-------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE MENSUELLE |               | DAILY MEAN<br>MOYENNE JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |                 |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR                          | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                   | YEAR<br>ANNEE | VALUE<br>VALEUR                   | DAY<br>JOUR | YEAR<br>ANNEE                            | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR | YEAR<br>ANNEE                     | VALUE<br>VALEUR |
| 1             | 1978                              | 21.58           | 8                                 | 1987          | 21.90                                    | 1355          | 16          | 1987          | 21.94                             | 1965          | 20.72                             | 10          | 1965                                     | 20.37           | 715           | 10          | 1965                              | 20.33           |                                   |                 |
| 2             | 1978                              | 21.79           | 26                                | 1981          | 22.17                                    | 1255          | 26          | 1981          | 22.22                             | 1965          | 20.64                             | 28          | 1965                                     | 20.22           | 2227          | 28          | 1965                              | 20.13           |                                   |                 |
| 3             | 1973                              | 21.96           | 31                                | 1976          | 22.60                                    | 1225          | 31          | 1976          | 22.78                             | 1965          | 20.24                             | 28          | 1965                                     | 19.96           | 1043          | 28          | 1965                              | 19.89           |                                   |                 |
| 4             | 1976                              | 22.34           | 2                                 | 1976          | 22.84                                    | 858           | 2           | 1976          | 23.07                             | 1965          | 20.43                             | 4           | 1965                                     | 19.96           | 750           | 6           | 1965                              | 19.74           |                                   |                 |
| 5             | 1974                              | 22.42           | 23                                | 1974          | 22.68                                    | 925           | 23          | 1974          | 22.79                             | 1964          | 20.43                             | 28          | 1963                                     | 20.31           | 1214          | 28          | 1963                              | 20.16           |                                   |                 |
| 6             | 1974                              | 22.13           | 1                                 | 1974          | 22.36                                    | 345           | 18          | 1973          | 22.55                             | 1965          | 20.30                             | 23          | 1965                                     | 20.26           | 110           | 2           | 1965                              | 20.14           |                                   |                 |
| 7             | 1973                              | 21.90           | 5                                 | 1973          | 22.07                                    | 858           | 3           | 1973          | 22.21                             | 1965          | 20.36                             | 6           | 1965                                     | 20.29           | 37            | 3           | 1965                              | 20.16           |                                   |                 |
| 8             | 1972                              | 21.70           | 9                                 | 1972          | 21.90                                    | 2232          | 9           | 1972          | 22.05                             | 1964          | 20.43                             | 3           | 1964                                     | 20.35           | 2013          | 7           | 1965                              | 20.19           |                                   |                 |
| 9             | 1986                              | 21.63           | 13                                | 1986          | 21.84                                    | 1716          | 13          | 1986          | 21.97                             | 1964          | 20.40                             | 13          | 1964                                     | 20.36           | 1047          | 9           | 1964                              | 20.22           |                                   |                 |
| 10            | 1986                              | 21.69           | 29                                | 1981          | 22.04                                    | 107           | 30          | 1981          | 22.15                             | 1964          | 20.40                             | 13          | 1960                                     | 20.35           | 1029          | 18          | 1960                              | 20.21           |                                   |                 |
| 11            | 1986                              | 21.73           | 10                                | 1972          | 21.86                                    | 1645          | 18          | 1967          | 22.11                             | 1964          | 20.35                             | 15          | 1964                                     | 20.24           | 452           | 16          | 1964                              | 20.08           |                                   |                 |
| 12            | 1986                              | 21.67           | 27                                | 1979          | 22.03                                    | 1016          | 4           | 1986          | 22.13                             | 1964          | 20.38                             | 20          | 1964                                     | 20.24           | 1635          | 2           | 1964                              | 20.15           |                                   |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15470 LA PRAIRIE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 9.925 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 322 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 10.238 IN/LE 4 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 10.48 ON/LE 9 4  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 10.52 AT/A 715 ON/LE 1 5

MINIMUM

9.700 IN/LE 7 MONTH/MOIS  
9.66 ON/LE 16 7  
9.61 AT/A 1714 ON/LE 7 7

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 9.958           | 10.20 13                    | 9.77 19          | 10.29 1135 13                         | 9.75 1825 19           |  |  |
| FEB/FEV       | 10.026          | 10.17 10                    | 9.87 2           | 10.23 1628 9                          | 9.81 1338 2            |  |  |
| MAR           | 9.955           | 10.15 28                    | 9.84 17          | 10.19 1035 28                         | 9.75 510 17            |  |  |
| APR/AVR       | 10.238          | 10.48 9                     | 10.06 24         | 10.50 125 9                           | 10.01 1040 24          |  |  |
| MAY/MAI       | 9.989           | 10.47 1                     | 9.86 25          | 10.52 715 1                           | 9.81 1435 28           |  |  |
| JUNE/JUIN     | 9.792           | 9.93 1                      | 9.68 25          | 10.00 145 1                           | 9.65 1330 25           |  |  |
| JULY/JUIL     | 9.700           | 9.79 2                      | 9.66 16          | 9.85 100 2                            | 9.61 1714 7            |  |  |
| AUG/AOUT      | 9.785           | 9.90 26                     | 9.71 13          | 9.92 1950 26                          | 9.63 30 3              |  |  |
| SEPT          | 9.807           | 9.87 2                      | 9.75 30          | 9.89 30 3                             | 9.71 1100 17           |  |  |
| OCT           | 9.906           | 10.15 26                    | 9.75 5           | 10.19 145 29                          | 9.70 1205 2            |  |  |
| DEC           | 9.995           | 10.13 2                     | 9.85 23          | 10.20 525 20                          | 9.77 1210 25           |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15470 LA PRAIRIE QUE  
LAT / LONG 4527N / 7330W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

11 1967 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1968                                            | 1988    | 21    | 100 | 10.48   | IN/EN | 1974          |  | 9.93    | IN/EN | 1988           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 11 1967                                         | 12 1988 | 230   | 91  | 11.17   | IN/EN | 5 1974        |  | 9.70    | IN/EN | 7 1988         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 11 1967                                         | 12 1988 | 6868  | 89  | 12.15   | ON/LE | 19 1 1968     |  | 9.55    | ON/LE | 20 12 1978     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 11 1967                                         | 12 1988 | 240   | 94  | 12.28   | AT/A  | 232 19 1 1968 |  | 9.45    | AT/A  | 1918 27 2 1977 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |               |                 |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1968                                 | 10.81           | 19                                   | 1968          | 12.15                                       | 232           | 19          | 1968          | 12.28                                | 1972          | 9.91                                 | 24          | 1987                                        | 9.66            | 720           | 25          | 1987          | 9.63            |               |                 |
| 2             | 1973                                 | 10.57           | 12                                   | 1973          | 10.87                                       | 1510          | 12          | 1973          | 10.94                                | 1977          | 9.94                                 | 27          | 1977                                        | 9.57            | 1918          | 27          | 1977          | 9.45            |               |                 |
| 3             | 1976                                 | 10.65           | 31                                   | 1976          | 11.41                                       | 1521          | 31          | 1976          | 11.45                                | 1970          | 9.87                                 | 22          | 1970                                        | 9.62            | 15            | 23          | 1970          | 9.53            |               |                 |
| 4             | 1976                                 | 11.10           | 2                                    | 1976          | 11.69                                       | 1142          | 2           | 1976          | 11.73                                | 1970          | 10.17                                | 6           | 1970                                        | 9.82            | 1001          | 6           | 1970          | 9.77            |               |                 |
| 5             | 1974                                 | 11.17           | 23                                   | 1974          | 11.37                                       | 110           | 24          | 1974          | 11.41                                | 1968          | 9.94                                 | 26          | 1968                                        | 9.79            | 2250          | 19          | 1968          | 9.77            |               |                 |
| 6             | 1974                                 | 10.82           | 1                                    | 1974          | 11.07                                       | 530           | 1           | 1974          | 11.10                                | 1988          | 9.79                                 | 25          | 1988                                        | 9.68            | 1330          | 25          | 1988          | 9.65            |               |                 |
| 7             | 1974                                 | 10.56           | 5                                    | 1973          | 10.74                                       | 2105          | 5           | 1973          | 10.77                                | 1988          | 9.70                                 | 16          | 1988                                        | 9.66            | 1714          | 7           | 1988          | 9.61            |               |                 |
| 8             | 1972                                 | 10.42           | 3                                    | 1973          | 10.53                                       | 759           | 10          | 1972          | 10.66                                | 1988          | 9.79                                 | 13          | 1988                                        | 9.71            | 30            | 3           | 1988          | 9.63            |               |                 |
| 9             | 1973                                 | 10.38           | 13                                   | 1986          | 10.55                                       | 2335          | 14          | 1986          | 10.59                                | 1988          | 9.81                                 | 30          | 1988                                        | 9.75            | 1100          | 17          | 1988          | 9.71            |               |                 |
| 10            | 1986                                 | 10.44           | 29                                   | 1981          | 10.70                                       | 650           | 30          | 1981          | 10.73                                | 1971          | 9.89                                 | 5           | 1988                                        | 9.75            | 1205          | 2           | 1988          | 9.70            |               |                 |
| 11            | 1986                                 | 10.45           | 1                                    | 1981          | 10.55                                       | 2240          | 9           | 1986          | 10.60                                | 1971          | 9.79                                 | 27          | 1978                                        | 9.65            | 1545          | 27          | 1978          | 9.62            |               |                 |
| 12            | 1986                                 | 10.39           | 27                                   | 1979          | 10.66                                       | 1620          | 27          | 1979          | 10.68                                | 1978          | 9.73                                 | 20          | 1978                                        | 9.55            | 2234          | 20          | 1978          | 9.49            |               |                 |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15505 SAINT-LAMBERT ABOVE/AMONT QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 10.953 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 341 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |       |                 |
|---------------------------------------|---------|-------|-----------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 11.483  | IN/LE | 5 MONTH/MOIS    |
| DAILY MEAN/MOYENNE JOURNALIERE        | 11.56   | ON/LE | 29 4            |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 11.66   | AT/A  | 1045 ON/LE 29 3 |

|  | MINIMUM |       |               |
|--|---------|-------|---------------|
|  | 9.153   | IN/LE | 1 MONTH/MOIS  |
|  | 9.06    | ON/LE | 4 3           |
|  | 9.04    | AT/A  | 750 ON/LE 5 1 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>JOURNALIERE<br>MAXIMUM | MINIMUM  | INSTANTANEOUS LEVEL/NIVEAU<br>INSTANTANE<br>MAXIMUM | MINIMUM       |
|---------------|-----------------|-------------------------------------------|----------|-----------------------------------------------------|---------------|
|               |                 | DY/JR                                     | DY/JR    | TM/HR DY/JR                                         | TM/HR DY/JR   |
| JAN           | 9.153           | 9.26 1                                    | 9.11 6   | 9.47 25 1                                           | 9.04 750 5    |
| FEB/FEV       | 9.165           | 9.20 6                                    | 9.13 22  | 9.26 2020 9                                         | 9.06 832 28   |
| MAR           | 10.455          | 11.50 29                                  | 9.06 4   | 11.66 1045 29                                       | 9.05 1050 8   |
| APR/AVR       | 11.475          | 11.56 29                                  | 11.42 2  | 11.64 1910 29                                       | 11.32 2305 1  |
| MAY/MAI       | 11.483          | 11.54 28                                  | 11.43 9  | 11.64 2010 28                                       | 11.34 1016 11 |
| JUNE/JUIN     | 11.467          | 11.55 15                                  | 11.34 2  | 11.64 1815 15                                       | 11.27 935 2   |
| AUG/AOUT      | 11.440          | 11.52 12                                  | 11.38 20 | 11.57 2200 12                                       | 11.30 1845 23 |
| SEPT          | 11.441          | 11.52 11                                  | 11.38 1  | 11.60 1628 11                                       | 11.31 1450 18 |
| OCT           | 11.477          | 11.53 4                                   | 11.38 24 | 11.58 443 23                                        | 11.36 1753 9  |
| NOV           | 11.454          | 11.54 3                                   | 11.36 26 | 11.63 555 3                                         | 11.23 1342 26 |
| DEC           | 11.254          | 11.50 12                                  | 10.28 31 | 11.59 1515 20                                       | 10.25 1920 31 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15505 SAINT-LAMBERT ABOVE/AMONT QUE  
LAT / LONG 4529N / 7330W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 11.59   | IN/EN | 1972          |  | 10.89   | IN/EN | 1960          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1960                                          | 12 1988 | 307   | 90  | 11.74   | IN/EN | 11 1973       |  | 8.42    | IN/EN | 2 1976        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1960                                          | 12 1988 | 9531  | 91  | 11.87   | ON/LE | 27 11 1972    |  | 8.10    | ON/LE | 12 2 1976     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1960                                          | 12 1988 | 328   | 95  | 12.16   | AT/A  | 943 18 3 1973 |  | 8.07    | AT/A  | 905 12 2 1976 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1965                              | 11.22           | 1                                 | 1986          | 11.46           | 1422                                     | 12          | 1975          | 11.55           |  | 1987                              | 9.13            | 31                                | 1976          | 8.49            | 2359                                     | 31          | 1976          | 8.28            |  |
| 2             | 1965                              | 11.24           | 28                                | 1973          | 11.32           | 959                                      | 25          | 1974          | 11.41           |  | 1976                              | 8.42            | 12                                | 1976          | 8.10            | 905                                      | 12          | 1976          | 8.07            |  |
| 3             | 1975                              | 11.40           | 18                                | 1973          | 11.78           | 943                                      | 18          | 1973          | 12.16           |  | 1963                              | 9.99            | 1                                 | 1982          | 8.72            | 1500                                     | 18          | 1986          | 8.59            |  |
| 4             | 1973                              | 11.72           | 5                                 | 1974          | 11.83           | 1601                                     | 13          | 1971          | 12.05           |  | 1962                              | 10.84           | 1                                 | 1963          | 9.99            | 1110                                     | 1           | 1963          | 9.89            |  |
| 5             | 1973                              | 11.72           | 18                                | 1973          | 11.84           | 23                                       | 10          | 1974          | 11.97           |  | 1962                              | 11.16           | 27                                | 1960          | 10.78           | 816                                      | 30          | 1960          | 10.68           |  |
| 6             | 1973                              | 11.72           | 7                                 | 1973          | 11.84           | 725                                      | 24          | 1973          | 11.98           |  | 1960                              | 10.91           | 26                                | 1960          | 10.77           | 744                                      | 8           | 1960          | 10.59           |  |
| 7             | 1973                              | 11.72           | 15                                | 1973          | 11.81           | 735                                      | 19          | 1972          | 11.99           |  | 1960                              | 10.82           | 28                                | 1960          | 10.74           | 1425                                     | 1           | 1960          | 10.59           |  |
| 8             | 1973                              | 11.71           | 5                                 | 1974          | 11.80           | 115                                      | 5           | 1974          | 11.97           |  | 1960                              | 10.85           | 3                                 | 1960          | 10.75           | 2157                                     | 23          | 1960          | 10.64           |  |
| 9             | 1973                              | 11.72           | 2                                 | 1973          | 11.77           | 2226                                     | 16          | 1972          | 11.90           |  | 1960                              | 10.90           | 14                                | 1960          | 10.68           | 430                                      | 14          | 1960          | 10.45           |  |
| 10            | 1973                              | 11.71           | 26                                | 1973          | 11.79           | 2352                                     | 5           | 1973          | 11.93           |  | 1960                              | 10.99           | 23                                | 1960          | 10.94           | 820                                      | 24          | 1960          | 10.87           |  |
| 11            | 1973                              | 11.74           | 27                                | 1972          | 11.87           | 729                                      | 27          | 1972          | 12.05           |  | 1960                              | 10.99           | 14                                | 1960          | 10.92           | 1440                                     | 14          | 1960          | 10.84           |  |
| 12            | 1973                              | 11.69           | 6                                 | 1973          | 11.82           | 1548                                     | 6           | 1973          | 11.94           |  | 1962                              | 10.57           | 31                                | 1986          | 9.19            | 2150                                     | 31          | 1986          | 9.08            |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15507 SAINT-LAMBERT BELOW/AVAL QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 6.015 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 319 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 6.887 IN/LE 4 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 7.39 ON/LE 8 4  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 7.52 AT/A 2326 ON/LE 8 4

MINIMUM

5.430 IN/LE 7 MONTH/MOIS  
5.33 ON/LE 11 7  
5.20 AT/A 1245 ON/LE 20 6

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                |  |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|----------------|--|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               | MINIMUM        |  |
|               |                 | DY/JR                       | DY/JR   | TM/HR DY/JR                           | TM/HR DY/JR    |  |
| JAN           | 6.085           | 6.34 5                      | 5.87 27 | 999.99 9999 99                        | 999.99 9999 99 |  |
| MAR           | 5.975           | 6.42 31                     | 5.76 17 | 6.58 1218 30                          | 5.58 1315 18   |  |
| APR/AVR       | 6.887           | 7.39 8                      | 6.47 26 | 7.52 2326 8                           | 6.28 755 27    |  |
| MAY/MAI       | 6.253           | 7.18 1                      | 5.76 28 | 7.33 602 2                            | 5.60 1557 28   |  |
| JUNE/JUIN     | 5.596           | 5.99 2                      | 5.34 25 | 6.24 1815 1                           | 5.20 1245 20   |  |
| JULY/JUIL     | 5.430           | 5.69 1                      | 5.33 11 | 5.88 2137 1                           | 5.20 1600 23   |  |
| AUG/AOUT      | 5.683           | 5.89 29                     | 5.52 9  | 6.08 1245 29                          | 5.36 137 3     |  |
| SEPT          | 5.654           | 5.87 1                      | 5.53 9  | 6.03 147 1                            | 5.39 1750 9    |  |
| OCT           | 5.963           | 6.51 27                     | 5.57 1  | 6.65 1926 26                          | 5.42 850 2     |  |
| NOV           | 6.657           | 7.03 8                      | 6.32 1  | 7.21 1447 8                           | 6.20 1834 1    |  |
| DEC           | 6.114           | 6.39 1                      | 5.86 31 | 6.54 850 1                            | 5.79 1027 31   |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15507 SAINT-LAMBERT BELOW/AVAL QUE  
LAT / LONG 4530N / 7331W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1959 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 7.18    | IN/EN | 1973          |  | 5.66    | IN/EN | 1964            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 6 1960                                          | 12 1988 | 331   | 97  | 9.26    | IN/EN | 1 1963        |  | 4.99    | IN/EN | 11 1964         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1959                                         | 12 1988 | 10135 | 95  | 10.13   | ON/LE | 20 1 1968     |  | 4.76    | ON/LE | 16 11 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 12 1959                                         | 12 1988 | 340   | 97  | 10.26   | AT/A  | 416 20 1 1968 |  | 4.61    | AT/A  | 2157 15 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1963                                 | 9.26            | 20                                   | 1968          | 10.13           | 416                                         | 20          | 1968          | 10.26           | 1988                                 | 6.09            | 3                                    | 1965          | 5.31            | 357                                         | 4           | 1965          | 5.23            |
| 2             | 1967                                 | 8.39            | 22                                   | 1967          | 9.67            | 1910                                        | 22          | 1967          | 9.92            | 1977                                 | 6.14            | 28                                   | 1977          | 5.88            | 1322                                        | 28          | 1977          | 5.80            |
| 3             | 1973                                 | 8.02            | 30                                   | 1976          | 9.09            | 2147                                        | 30          | 1976          | 9.21            | 1965                                 | 5.79            | 29                                   | 1965          | 4.92            | 1421                                        | 29          | 1965          | 4.72            |
| 4             | 1976                                 | 8.45            | 3                                    | 1976          | 9.55            | 1902                                        | 2           | 1976          | 9.66            | 1965                                 | 5.44            | 5                                    | 1965          | 4.90            | 615                                         | 5           | 1965          | 4.70            |
| 5             | 1974                                 | 8.58            | 23                                   | 1974          | 8.87            | 945                                         | 23          | 1974          | 8.95            | 1964                                 | 5.47            | 31                                   | 1962          | 5.22            | 1927                                        | 31          | 1962          | 5.05            |
| 6             | 1974                                 | 7.76            | 1                                    | 1974          | 8.35            | 913                                         | 1           | 1974          | 8.45            | 1965                                 | 5.04            | 28                                   | 1965          | 4.80            | 148                                         | 29          | 1965          | 4.63            |
| 7             | 1972                                 | 7.11            | 1                                    | 1972          | 7.52            | 839                                         | 1           | 1972          | 7.72            | 1965                                 | 5.01            | 7                                    | 1965          | 4.92            | 1220                                        | 7           | 1965          | 4.71            |
| 8             | 1972                                 | 6.93            | 10                                   | 1972          | 7.32            | 1757                                        | 10          | 1972          | 7.47            | 1964                                 | 5.12            | 6                                    | 1965          | 5.01            | 1209                                        | 17          | 1964          | 4.81            |
| 9             | 1986                                 | 6.69            | 14                                   | 1986          | 7.12            | 608                                         | 14          | 1986          | 7.30            | 1964                                 | 5.08            | 15                                   | 1964          | 4.95            | 142                                         | 16          | 1964          | 4.78            |
| 10            | 1986                                 | 6.76            | 30                                   | 1981          | 7.43            | 845                                         | 30          | 1981          | 7.60            | 1964                                 | 5.09            | 18                                   | 1960          | 4.97            | 15                                          | 17          | 1964          | 4.77            |
| 11            | 1967                                 | 6.97            | 11                                   | 1972          | 7.35            | 1402                                        | 21          | 1974          | 7.63            | 1964                                 | 4.99            | 16                                   | 1964          | 4.76            | 2157                                        | 15          | 1964          | 4.61            |
| 12            | 1972                                 | 6.94            | 31                                   | 1962          | 8.46            | 2158                                        | 31          | 1962          | 8.90            | 1964                                 | 5.33            | 14                                   | 1964          | 4.90            | 1657                                        | 2           | 1964          | 4.76            |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15520 MONTREAL (JETTY/JETEE NO 1) QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 6.280 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 365 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM     |               | MINIMUM                   |
|---------------------------------------|-------------|---------------|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 7.134 IN/LE | 4 MONTH/MOIS  | 5.659 IN/LE 7 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 7.65 ON/LE  | 9 4           | 5.55 ON/LE 25 6           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 7.71 AT/A   | 215 ON/LE 9 4 | 5.47 AT/A 1730 ON/LE 25 6 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 6.269           | 6.59 5                      | 6.06 27          | 6.63 1215 5                           | 6.00 1945 27           |  |  |
| FEB/FEV       | 6.518           | 6.76 13                     | 6.25 1           | 6.95 230 13                           | 6.20 1730 1            |  |  |
| MAR           | 6.219           | 6.67 31                     | 5.99 17          | 6.76 1815 31                          | 5.91 715 18            |  |  |
| APR/AVR       | 7.134           | 7.65 9                      | 6.71 27          | 7.71 215 9                            | 6.62 1230 27           |  |  |
| MAY/MAI       | 6.491           | 7.47 1                      | 6.04 28          | 7.52 1800 1                           | 5.97 1230 28           |  |  |
| JUNE/JUIN     | 5.871           | 6.31 1                      | 5.55 25          | 6.44 2000 1                           | 5.47 1730 25           |  |  |
| JULY/JUIL     | 5.659           | 5.94 2                      | 5.55 11          | 6.05 2330 2                           | 5.49 1330 11           |  |  |
| AUG/AOUT      | 5.881           | 6.10 29                     | 5.71 9           | 6.17 1615 26                          | 5.65 115 3             |  |  |
| SEPT          | 5.867           | 6.09 1                      | 5.75 9           | 6.14 1815 2                           | 5.71 1730 9            |  |  |
| OCT           | 6.212           | 6.76 26                     | 5.79 1           | 6.80 645 27                           | 5.73 1645 1            |  |  |
| NOV           | 6.953           | 7.31 8                      | 6.55 1           | 7.34 745 8                            | 6.52 830 1             |  |  |
| DEC           | 6.333           | 6.66 1                      | 6.05 31          | 6.68 2100 1                           | 6.00 945 31            |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15520 MONTREAL (JETTY/JETEE NO 1) QUE  
LAT / LONG 4530N / 7333W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1960 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1960                                            | 1988    | 29    | 100 | 7.46    | IN/EN | 1973          |  | 5.83    | IN/EN | 1964            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1960                                          | 12 1988 | 348   | 100 | 11.42   | IN/EN | 2 1960        |  | 5.21    | IN/EN | 11 1964         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1960                                          | 12 1988 | 10583 | 100 | 13.00   | ON/LE | 29 1 1960     |  | 4.99    | ON/LE | 16 11 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1960                                          | 12 1988 | 347   | 100 | 13.25   | AT/A  | 240 21 1 1960 |  | 4.93    | AT/A  | 1247 16 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |                                      | MINIMUM         |                                      |               |                 |                                             |             |               |                 |  |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|--|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |  |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |  |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |  |
| 1             | 1960                                 | 10.88           | 29                                   | 1960          | 13.00           | 240                                         | 21          | 1960          | 13.25           | 1988                                 | 6.27            | 3                                    | 1965          | 5.44            | 300                                         | 4           | 1965          | 5.38            |  |  |
| 2             | 1960                                 | 11.42           | 21                                   | 1960          | 12.46           | 2200                                        | 20          | 1960          | 13.18           | 1977                                 | 6.31            | 28                                   | 1977          | 6.05            | 1300                                        | 28          | 1977          | 6.02            |  |  |
| 3             | 1973                                 | 8.30            | 1                                    | 1967          | 9.97            | 1                                           | 1           | 1960          | 10.83           | 1965                                 | 5.91            | 29                                   | 1965          | 5.09            | 902                                         | 29          | 1965          | 5.02            |  |  |
| 4             | 1976                                 | 8.76            | 3                                    | 1976          | 9.82            | 1900                                        | 3           | 1976          | 9.84            | 1965                                 | 5.62            | 5                                    | 1965          | 5.02            | 1343                                        | 5           | 1965          | 4.95            |  |  |
| 5             | 1974                                 | 8.87            | 23                                   | 1974          | 9.18            | 2400                                        | 22          | 1974          | 9.20            | 1964                                 | 5.60            | 29                                   | 1963          | 5.40            | 2147                                        | 31          | 1963          | 5.32            |  |  |
| 6             | 1974                                 | 8.06            | 1                                    | 1974          | 8.65            | 500                                         | 1           | 1974          | 8.67            | 1965                                 | 5.26            | 28                                   | 1965          | 5.04            | 1645                                        | 28          | 1965          | 4.96            |  |  |
| 7             | 1973                                 | 7.44            | 4                                    | 1973          | 7.83            | 100                                         | 1           | 1972          | 7.85            | 1965                                 | 5.24            | 7                                    | 1965          | 5.14            | 1133                                        | 7           | 1965          | 5.07            |  |  |
| 8             | 1972                                 | 7.21            | 10                                   | 1972          | 7.60            | 900                                         | 10          | 1972          | 7.64            | 1964                                 | 5.32            | 4                                    | 1964          | 5.21            | 1243                                        | 4           | 1964          | 5.15            |  |  |
| 9             | 1986                                 | 7.02            | 14                                   | 1986          | 7.48            | 615                                         | 14          | 1986          | 7.56            | 1964                                 | 5.26            | 15                                   | 1964          | 5.15            | 1546                                        | 15          | 1964          | 5.07            |  |  |
| 10            | 1986                                 | 7.10            | 30                                   | 1981          | 7.77            | 915                                         | 30          | 1981          | 7.82            | 1964                                 | 5.28            | 16                                   | 1964          | 5.18            | 1215                                        | 14          | 1963          | 5.10            |  |  |
| 11            | 1967                                 | 7.26            | 11                                   | 1972          | 7.64            | 1300                                        | 21          | 1974          | 7.75            | 1964                                 | 5.21            | 16                                   | 1964          | 4.99            | 1247                                        | 16          | 1964          | 4.93            |  |  |
| 12            | 1972                                 | 7.19            | 31                                   | 1962          | 8.89            | 2359                                        | 31          | 1962          | 9.39            | 1964                                 | 5.52            | 14                                   | 1964          | 5.13            | 1818                                        | 2           | 1964          | 5.07            |  |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15540 MONTREAL (STREET/RUE FRONTENAC) QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)

NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 6.035 MOYENNE ANNUELLE

NUMBER OF DAYS USED 341 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 6.863 IN/LE 4 MONTH/MOIS

DAILY MEAN/MOYENNE JOURNALIERE 7.35 ON/LE 8 4

INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 7.40 AT/A 225 ON/LE 9 4

MINIMUM

5.440 IN/LE 7 MONTH/MOIS

5.26 ON/LE 25 6

5.18 AT/A 1413 ON/LE 25 6

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |              |  |  |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|--------------|--|--|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               | MINIMUM      |  |  |
|               |                 | DY/JR                       | DY/JR   | TM/HR DY/JR                           | TM/HR DY/JR  |  |  |
| JAN           | 6.035           | 6.31 5                      | 5.84 27 | 6.35 1135 5                           | 5.77 1915 27 |  |  |
| MAR           | 5.957           | 6.39 31                     | 5.73 18 | 6.43 1133 31                          | 5.65 807 18  |  |  |
| APR/AVR       | 6.863           | 7.35 8                      | 6.44 27 | 7.40 225 9                            | 6.39 415 1   |  |  |
| MAY/MAI       | 6.220           | 7.19 1                      | 5.73 28 | 7.21 1725 1                           | 5.67 1323 28 |  |  |
| JUNE/JUIN     | 5.582           | 6.01 1                      | 5.26 25 | 6.16 2005 1                           | 5.18 1413 25 |  |  |
| JULY/JUIL     | 5.440           | 5.71 2                      | 5.34 11 | 5.77 2230 1                           | 5.28 1330 11 |  |  |
| AUG/AOUT      | 5.663           | 5.86 29                     | 5.49 9  | 5.88 1350 29                          | 5.45 1200 9  |  |  |
| SEPT          | 5.641           | 5.85 1                      | 5.52 9  | 5.88 125 1                            | 5.50 1520 9  |  |  |
| OCT           | 5.972           | 6.49 27                     | 5.57 1  | 6.54 1937 26                          | 5.53 620 2   |  |  |
| NOV           | 6.701           | 7.04 8                      | 6.31 1  | 7.07 849 9                            | 6.27 835 1   |  |  |
| DEC           | 6.095           | 6.39 1                      | 5.83 31 | 6.41 10 1                             | 5.79 1025 31 |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15540 MONTREAL (STREET/RUE FRONTENAC) QUE  
LAT / LONG 4531N / 7332W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1935 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1935                                            | 1988    | 50    | 93 | 7.15    | IN/EN | 1973          |  | 5.52    | IN/EN | 1935            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 5 1935                                          | 12 1988 | 485   | 75 | 10.35   | IN/EN | 2 1958        |  | 4.98    | IN/EN | 11 1964         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1935                                          | 12 1988 | 14883 | 76 | 11.81   | ON/LE | 21 1 1960     |  | 4.75    | ON/LE | 16 11 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1935                                          | 12 1988 | 514   | 80 | 12.71   | AT/A  | 205 21 1 1960 |  | 4.66    | AT/A  | 1243 16 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |                                      |                 |                                      |                 |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|--------------------------------------|-----------------|--------------------------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |                 |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR |
| 1             | 1960                                 | 10.14           | 21                                   | 1960          | 11.81                                       | 205           | 21          | 1960          | 12.71                                | 1988          | 6.04                                 | 3           | 1965                                        | 5.30            | 225           | 4           | 1965                                 | 5.24            |                                      |                 |
| 2             | 1958                                 | 10.35           | 11                                   | 1958          | 11.46                                       | 200           | 5           | 1958          | 11.52                                | 1977          | 6.08                                 | 28          | 1977                                        | 5.83            | 1339          | 28          | 1977                                 | 5.78            |                                      |                 |
| 3             | 1958                                 | 8.27            | 3                                    | 1958          | 9.59                                        | 300           | 1           | 1958          | 9.64                                 | 1965          | 5.75                                 | 29          | 1965                                        | 4.91            | 1427          | 29          | 1965                                 | 4.84            |                                      |                 |
| 4             | 1976                                 | 8.43            | 3                                    | 1976          | 9.52                                        | 1906          | 3           | 1976          | 9.55                                 | 1965          | 5.43                                 | 5           | 1965                                        | 4.89            | 1530          | 5           | 1965                                 | 4.81            |                                      |                 |
| 5             | 1974                                 | 8.55            | 24                                   | 1947          | 9.00                                        | 230           | 24          | 1947          | 9.03                                 | 1964          | 5.41                                 | 31          | 1963                                        | 5.18            | 858           | 29          | 1963                                 | 5.11            |                                      |                 |
| 6             | 1947                                 | 8.56            | 4                                    | 1947          | 8.91                                        | 300           | 4           | 1947          | 8.94                                 | 1965          | 5.02                                 | 28          | 1965                                        | 4.79            | 1932          | 28          | 1965                                 | 4.71            |                                      |                 |
| 7             | 1947                                 | 7.19            | 1                                    | 1947          | 7.77                                        | 30            | 1           | 1947          | 7.82                                 | 1965          | 4.99                                 | 7           | 1965                                        | 4.89            | 1320          | 8           | 1965                                 | 4.81            |                                      |                 |
| 8             | 1972                                 | 6.90            | 10                                   | 1972          | 7.29                                        | 1702          | 10          | 1972          | 7.36                                 | 1964          | 5.08                                 | 4           | 1964                                        | 4.97            | 1052          | 6           | 1964                                 | 4.90            |                                      |                 |
| 9             | 1972                                 | 6.66            | 14                                   | 1986          | 7.12                                        | 235           | 14          | 1986          | 7.18                                 | 1964          | 5.02                                 | 15          | 1964                                        | 4.91            | 1746          | 15          | 1964                                 | 4.84            |                                      |                 |
| 10            | 1986                                 | 6.71            | 30                                   | 1981          | 7.43                                        | 859           | 30          | 1981          | 7.47                                 | 1964          | 5.05                                 | 22          | 1935                                        | 4.89            | 2250          | 16          | 1964                                 | 4.83            |                                      |                 |
| 11            | 1967                                 | 6.97            | 11                                   | 1972          | 7.33                                        | 1352          | 21          | 1974          | 7.55                                 | 1964          | 4.98                                 | 16          | 1964                                        | 4.75            | 1243          | 16          | 1964                                 | 4.66            |                                      |                 |
| 12            | 1958                                 | 7.70            | 28                                   | 1958          | 10.45                                       | 1400          | 28          | 1958          | 11.05                                | 1964          | 5.32                                 | 14          | 1964                                        | 4.89            | 641           | 15          | 1964                                 | 4.84            |                                      |                 |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15630 POINTE AUX TREMBLES QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 5.733 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 330 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                  |  | MINIMUM                   |
|---------------------------------------|--------------------------|--|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 6.566 IN/LE 4 MONTH/MOIS |  | 5.100 IN/LE 7 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 7.07 ON/LE 8 4           |  | 4.91 ON/LE 25 6           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 7.09 AT/A 2218 ON/LE 8 4 |  | 4.82 AT/A 2125 ON/LE 25 6 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 5.704           | 5.96 5                      | 5.53 28          | 6.01 1739 5                           | 5.41 1948 27           |  |  |
| FEB/FEV       | 5.948           | 6.26 17                     | 5.67 1           | 6.36 405 13                           | 5.62 1540 1            |  |  |
| MAR           | 5.600           | 6.06 31                     | 5.39 18          | 6.10 1905 31                          | 5.33 1340 18           |  |  |
| APR/AVR       | 6.566           | 7.07 8                      | 6.11 27          | 7.09 2218 8                           | 6.05 1222 27           |  |  |
| MAY/MAI       | 5.907           | 6.85 2                      | 5.41 28          | 6.88 2257 1                           | 5.33 1355 28           |  |  |
| JUNE/JUIN     | 5.241           | 5.67 1                      | 4.91 25          | 5.79 1920 1                           | 4.82 2125 25           |  |  |
| JULY/JUIL     | 5.100           | 5.39 2                      | 5.00 11          | 5.43 600 2                            | 4.92 1405 11           |  |  |
| SEPT          | 5.255           | 5.31 15                     | 5.17 9           | 5.38 2337 5                           | 5.12 1438 8            |  |  |
| OCT           | 5.633           | 6.16 27                     | 5.23 1           | 6.19 536 27                           | 4.98 1 1               |  |  |
| NOV           | 6.350           | 6.70 9                      | 5.96 1           | 6.73 1148 10                          | 5.89 2205 1            |  |  |
| DEC           | 5.745           | 6.03 1                      | 5.51 31          | 6.07 1 1                              | 5.45 1221 31           |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15630 POINTE AUX TREMBLES QUE  
LAT / LONG 4537N / 7329W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1934 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1935                                            | 1988    | 30    | 56 | 6.80    | IN/EN | 1973          |  | 5.20    | IN/EN | 1935            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 8 1934                                          | 12 1988 | 327   | 50 | 8.28    | IN/EN | 5 1974        |  | 4.68    | IN/EN | 9 1934          |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1934                                          | 12 1988 | 10022 | 50 | 9.28    | ON/LE | 3 4 1976      |  | 4.40    | ON/LE | 30 10 1934      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1934                                          | 12 1988 | 343   | 52 | 9.31    | AT/A  | 1843 3 4 1976 |  | 4.36    | AT/A  | 2300 29 10 1934 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                 |                 |                       |               |                               |               |             |               |                         |               | MINIMUM               |             |                               |                 |               |             |               |                 |               |                 |
|---------------|-------------------------|-----------------|-----------------------|---------------|-------------------------------|---------------|-------------|---------------|-------------------------|---------------|-----------------------|-------------|-------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |               | INSTANTANEOUS LEVEL<br>NIVEAU |               |             |               | MONTHLY MEAN<br>MOYENNE |               | DAILY MEAN<br>MOYENNE |             | INSTANTANEOUS LEVEL<br>NIVEAU |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE           | VALUE<br>VALEUR | DAY<br>JOUR           | YEAR<br>ANNEE | VALUE<br>VALEUR               | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR         | YEAR<br>ANNEE | VALUE<br>VALEUR       | DAY<br>JOUR | YEAR<br>ANNEE                 | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1968                    | 7.79            | 20                    | 1968          | 9.13                          | 655           | 20          | 1968          | 9.20                    | 1988          | 5.70                  | 4           | 1965                          | 5.08            | 240           | 4           | 1965          | 5.03            |               |                 |
| 2             | 1967                    | 7.73            | 2                     | 1966          | 8.91                          | 2245          | 2           | 1966          | 8.98                    | 1977          | 5.81                  | 28          | 1977                          | 5.58            | 1658          | 28          | 1977          | 5.50            |               |                 |
| 3             | 1973                    | 7.67            | 30                    | 1976          | 8.81                          | 2005          | 30          | 1976          | 8.85                    | 1965          | 5.42                  | 29          | 1965                          | 4.61            | 1455          | 29          | 1965          | 4.53            |               |                 |
| 4             | 1976                    | 8.15            | 3                     | 1976          | 9.28                          | 1843          | 3           | 1976          | 9.31                    | 1965          | 5.16                  | 5           | 1965                          | 4.61            | 1635          | 5           | 1965          | 4.57            |               |                 |
| 5             | 1974                    | 8.28            | 23                    | 1974          | 8.56                          | 2059          | 25          | 1974          | 8.60                    | 1964          | 5.18                  | 31          | 1963                          | 4.96            | 1020          | 29          | 1962          | 4.88            |               |                 |
| 6             | 1974                    | 7.42            | 1                     | 1974          | 8.04                          | 611           | 1           | 1974          | 8.08                    | 1965          | 4.78                  | 23          | 1965                          | 4.58            | 530           | 25          | 1965          | 4.57            |               |                 |
| 7             | 1972                    | 6.73            | 1                     | 1972          | 7.14                          | 151           | 1           | 1972          | 7.23                    | 1965          | 4.72                  | 8           | 1965                          | 4.62            | 1152          | 8           | 1965          | 4.57            |               |                 |
| 8             | 1972                    | 6.54            | 10                    | 1972          | 6.93                          | 1740          | 10          | 1972          | 7.01                    | 1934          | 4.75                  | 20          | 1934                          | 4.63            | 1120          | 28          | 1962          | 4.56            |               |                 |
| 9             | 1972                    | 6.28            | 14                    | 1986          | 6.73                          | 59            | 14          | 1986          | 6.79                    | 1934          | 4.68                  | 3           | 1934                          | 4.55            | 1358          | 5           | 1962          | 4.44            |               |                 |
| 10            | 1977                    | 6.34            | 30                    | 1981          | 7.05                          | 851           | 30          | 1981          | 7.09                    | 1934          | 4.69                  | 30          | 1934                          | 4.40            | 2300          | 29          | 1934          | 4.36            |               |                 |
| 11            | 1967                    | 6.62            | 11                    | 1972          | 6.97                          | 1322          | 21          | 1974          | 7.13                    | 1964          | 4.72                  | 16          | 1934                          | 4.46            | 1000          | 17          | 1934          | 4.44            |               |                 |
| 12            | 1972                    | 6.60            | 31                    | 1963          | 7.57                          | 2400          | 31          | 1963          | 7.66                    | 1964          | 5.07                  | 14          | 1964                          | 4.63            | 735           | 14          | 1964          | 4.60            |               |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15660 VARENNES QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 5.576 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 314 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM |                    | MINIMUM |                      |
|---------------------------------------|---------|--------------------|---------|----------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 6.400   | IN/LE 4 MONTH/MOIS | 4.903   | IN/LE 7 MONTH/MOIS   |
| DAILY MEAN/MOYENNE JOURNALIERE        | 6.92    | ON/LE 8 4          | 4.81    | ON/LE 11 7           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 6.98    | AT/A 608 ON/LE 9 4 | 4.75    | AT/A 1120 ON/LE 11 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |  |         |       |    |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|-------|--|---------|-------|----|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               |       |  | MINIMUM |       |    |
|               |                 |                             |         | TM/HR                                 | DY/JR |  | TM/HR   | DY/JR |    |
| JAN           | 5.651           | 5.80                        | 5.55    | 1235                                  | 5     |  | 5.48    | 859   | 17 |
| FEB/FEV       | 5.822           | 6.17                        | 5.63    | 2115                                  | 17    |  | 5.46    | 730   | 1  |
| MAR           | 5.404           | 5.90                        | 5.22    | 1940                                  | 31    |  | 5.15    | 808   | 18 |
| APR/AVR       | 6.400           | 6.92                        | 5.95    | 608                                   | 9     |  | 5.90    | 135   | 1  |
| MAY/MAI       | 5.717           | 6.65                        | 5.21    | 1830                                  | 2     |  | 5.16    | 902   | 28 |
| JULY/JUIL     | 4.903           | 5.24                        | 4.81    | 900                                   | 3     |  | 4.75    | 1120  | 11 |
| AUG/AOUT      | 5.121           | 5.35                        | 4.95    | 2310                                  | 29    |  | 4.88    | 1404  | 10 |
| SEPT          | 5.101           | 5.35                        | 4.99    | 640                                   | 1     |  | 4.93    | 1458  | 8  |
| OCT           | 5.458           | 6.03                        | 5.06    | 925                                   | 27    |  | 4.98    | 601   | 2  |
| NOV           | 6.199           | 6.56                        | 5.82    | 2135                                  | 9     |  | 5.78    | 440   | 1  |
| DEC           | 5.534           | 5.88                        | 5.24    | 1                                     | 1     |  | 5.17    | 1234  | 31 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15660 VARENNES QUE  
LAT / LONG 4541N / 7326W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1897 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1897                                            | 1988    | 79    | 86 | 6.93    | IN/EN | 1928           |  | 5.09    | IN/EN | 1964            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 5 1897                                          | 12 1988 | 855   | 78 | 8.94    | IN/EN | 3 1898         |  | 4.48    | IN/EN | 11 1964         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1897                                          | 12 1988 | 26042 | 78 | 11.19   | ON/LE | 14 4 1928      |  | 4.25    | ON/LE | 16 11 1964      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1913                                          | 12 1988 | 837   | 92 | 11.19   | AT/A  | 1200 14 4 1928 |  | 4.21    | AT/A  | 1248 16 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                 |                 |                       |               |                               |               |             |               |                         |               | MINIMUM               |             |                               |                 |               |             |                         |                 |                       |                 |
|---------------|-------------------------|-----------------|-----------------------|---------------|-------------------------------|---------------|-------------|---------------|-------------------------|---------------|-----------------------|-------------|-------------------------------|-----------------|---------------|-------------|-------------------------|-----------------|-----------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |               | INSTANTANEOUS LEVEL<br>NIVEAU |               |             |               | MONTHLY MEAN<br>MOYENNE |               | DAILY MEAN<br>MOYENNE |             | INSTANTANEOUS LEVEL<br>NIVEAU |                 |               |             | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |                 |
|               | YEAR<br>ANNEE           | VALUE<br>VALEUR | DAY<br>JOUR           | YEAR<br>ANNEE | VALUE<br>VALEUR               | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR         | YEAR<br>ANNEE | VALUE<br>VALEUR       | DAY<br>JOUR | YEAR<br>ANNEE                 | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE           | VALUE<br>VALEUR | YEAR<br>ANNEE         | VALUE<br>VALEUR |
| 1             | 1928                    | 8.49            | 21                    | 1929          | 9.34                          | 900           | 21          | 1929          | 9.36                    | 1988          | 5.65                  | 2           | 1962                          | 4.89            | 230           | 2           | 1962                    | 4.85            |                       |                 |
| 2             | 1928                    | 8.52            | 2                     | 1929          | 8.82                          | 1500          | 2           | 1929          | 8.84                    | 1936          | 5.67                  | 13          | 1936                          | 5.45            | 740           | 23          | 1965                    | 5.29            |                       |                 |
| 3             | 1898                    | 8.94            | 21                    | 1898          | 10.33                         | 900           | 24          | 1929          | 9.90                    | 1965          | 5.23                  | 29          | 1965                          | 4.38            | 1445          | 29          | 1965                    | 4.34            |                       |                 |
| 4             | 1928                    | 8.52            | 14                    | 1928          | 11.19                         | 1200          | 14          | 1928          | 11.19                   | 1965          | 4.95                  | 5           | 1965                          | 4.39            | 1530          | 5           | 1965                    | 4.34            |                       |                 |
| 5             | 1947                    | 8.13            | 25                    | 1947          | 8.60                          | 1603          | 25          | 1947          | 8.63                    | 1964          | 4.99                  | 26          | 1964                          | 4.77            | 2240          | 31          | 1963                    | 4.73            |                       |                 |
| 6             | 1947                    | 8.10            | 4                     | 1947          | 8.45                          | 2012          | 4           | 1947          | 8.48                    | 1965          | 4.57                  | 23          | 1965                          | 4.38            | 2100          | 23          | 1965                    | 4.36            |                       |                 |
| 7             | 1947                    | 6.70            | 1                     | 1947          | 7.30                          | 1             | 1           | 1947          | 7.33                    | 1965          | 4.49                  | 8           | 1965                          | 4.39            | 330           | 14          | 1965                    | 4.28            |                       |                 |
| 8             | 1972                    | 6.36            | 10                    | 1972          | 6.76                          | 1820          | 10          | 1972          | 6.82                    | 1964          | 4.58                  | 17          | 1964                          | 4.48            | 1145          | 6           | 1965                    | 4.34            |                       |                 |
| 9             | 1972                    | 6.09            | 14                    | 1986          | 6.56                          | 709           | 14          | 1986          | 6.66                    | 1964          | 4.51                  | 15          | 1964                          | 4.38            | 730           | 15          | 1964                    | 4.36            |                       |                 |
| 10            | 1977                    | 6.16            | 21                    | 1928          | 6.67                          | 700           | 21          | 1928          | 6.69                    | 1964          | 4.53                  | 30          | 1934                          | 4.29            | 5             | 30          | 1934                    | 4.24            |                       |                 |
| 11            | 1967                    | 6.45            | 21                    | 1918          | 7.04                          | 900           | 21          | 1918          | 7.06                    | 1964          | 4.48                  | 16          | 1964                          | 4.25            | 1248          | 16          | 1964                    | 4.21            |                       |                 |
| 12            | 1926                    | 7.25            | 27                    | 1945          | 9.07                          | 1700          | 27          | 1945          | 9.08                    | 1964          | 4.88                  | 14          | 1964                          | 4.41            | 123           | 15          | 1964                    | 4.38            |                       |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15720 VERCHERES QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 5.245 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 360 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                  |  | MINIMUM                  |
|---------------------------------------|--------------------------|--|--------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 6.136 IN/LE 4 MONTH/MOIS |  | 4.638 IN/LE 7 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 6.62 ON/LE 8 4           |  | 4.45 ON/LE 25 6          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 6.67 AT/A 2035 ON/LE 8 4 |  | 4.39 AT/A 140 ON/LE 24 6 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JAN           | 5.266           | 5.51 5                      | 5.07 28          | 5.58 747 4                            | 4.86 1725 30           |  |  |
| FEB/FEV       | 5.542           | 5.94 17                     | 5.23 1           | 6.00 2035 17                          | 5.09 1136 29           |  |  |
| MAR           | 5.132           | 5.63 31                     | 4.95 18          | 5.68 1852 31                          | 4.77 1353 18           |  |  |
| APR/AVR       | 6.136           | 6.62 8                      | 5.65 27          | 6.67 2035 8                           | 5.48 758 21            |  |  |
| MAY/MAI       | 5.464           | 6.38 2                      | 4.93 28          | 6.43 445 2                            | 4.76 945 28            |  |  |
| JUNE/JUIN     | 4.792           | 5.21 2                      | 4.45 25          | 5.35 1919 1                           | 4.39 140 24            |  |  |
| JULY/JUIL     | 4.638           | 4.95 2                      | 4.51 23          | 5.13 15 3                             | 4.39 1005 11           |  |  |
| AUG/AOUT      | 4.847           | 5.08 29                     | 4.66 10          | 5.13 27 30                            | 4.48 805 10            |  |  |
| SEPT          | 4.825           | 5.06 1                      | 4.70 9           | 5.17 608 1                            | 4.51 827 10            |  |  |
| OCT           | 5.166           | 5.70 27                     | 4.79 1           | 5.77 133 27                           | 4.60 621 2             |  |  |
| NOV           | 5.896           | 6.25 9                      | 5.49 1           | 6.34 630 10                           | 5.31 359 1             |  |  |
| DEC           | 5.312           | 5.57 1                      | 5.12 31          | 5.67 140 1                            | 4.97 905 30            |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15720 VERCHERES QUE  
LAT / LONG 45 46N / 73 21W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1897 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1897                                            | 1988    | 65    | 71 | 6.23    | IN/EN | 1976           |  | 4.61    | IN/EN | 1963          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 5 1897                                          | 12 1988 | 583   | 53 | 7.79    | IN/EN | 5 1974         |  | 4.22    | IN/EN | 7 1965        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1897                                          | 12 1988 | 17973 | 54 | 8.80    | ON/LE | 3 4 1976       |  | 4.01    | ON/LE | 16 11 1964    |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 4 1917                                          | 12 1988 | 552   | 64 | 8.83    | AT/A  | 18 10 3 4 1976 |  | 4.00    | AT/A  | 840 29 6 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM      |        |             |       |        |                     |      |       |        | MINIMUM      |        |             |       |        |                     |      |       |        |
|---------------|--------------|--------|-------------|-------|--------|---------------------|------|-------|--------|--------------|--------|-------------|-------|--------|---------------------|------|-------|--------|
|               | MONTHLY MEAN |        | DAILY MEAN  |       |        | INSTANTANEOUS LEVEL |      |       |        | MONTHLY MEAN |        | DAILY MEAN  |       |        | INSTANTANEOUS LEVEL |      |       |        |
|               | MOYENNE      |        | MOYENNE     |       |        | NIVEAU              |      |       |        | MOYENNE      |        | MOYENNE     |       |        | NIVEAU              |      |       |        |
|               | MENSUELLE    |        | JOURNALIERE |       |        | INSTANTANE          |      |       |        | MENSUELLE    |        | JOURNALIERE |       |        | INSTANTANE          |      |       |        |
|               | YEAR         | VALUE  | DAY         | YEAR  | VALUE  | HOUR                | DAY  | YEAR  | VALUE  | YEAR         | VALUE  | DAY         | YEAR  | VALUE  | HOUR                | DAY  | YEAR  | VALUE  |
|               | ANNEE        | VALEUR | JOUR        | ANNEE | VALEUR | HEURE               | JOUR | ANNEE | VALEUR | ANNEE        | VALEUR | JOUR        | ANNEE | VALEUR | HEURE               | JOUR | ANNEE | VALEUR |
| 1             | 1968         | 7.00   | 26          | 1968  | 8.17   | 2027                | 26   | 1968  | 8.19   | 1988         | 5.27   | 2           | 1962  | 4.60   | 1130                | 2    | 1962  | 4.58   |
| 2             | 1967         | 7.22   | 3           | 1966  | 8.00   | 745                 | 3    | 1966  | 8.07   | 1977         | 5.36   | 1           | 1965  | 5.05   | 2215                | 1    | 1965  | 5.03   |
| 3             | 1973         | 7.18   | 31          | 1976  | 8.33   | 626                 | 31   | 1976  | 8.39   | 1965         | 4.92   | 30          | 1965  | 4.08   | 200                 | 30   | 1965  | 4.06   |
| 4             | 1976         | 7.67   | 3           | 1976  | 8.80   | 1810                | 3    | 1976  | 8.83   | 1965         | 4.67   | 1           | 1965  | 4.16   | 5                   | 1    | 1965  | 4.12   |
| 5             | 1974         | 7.79   | 25          | 1947  | 8.29   | 1700                | 25   | 1947  | 8.32   | 1964         | 4.74   | 26          | 1964  | 4.51   | 1346                | 26   | 1964  | 4.46   |
| 6             | 1947         | 7.74   | 4           | 1947  | 8.07   | 330                 | 5    | 1947  | 8.10   | 1965         | 4.30   | 28          | 1965  | 4.04   | 840                 | 29   | 1965  | 4.00   |
| 7             | 1947         | 6.31   | 1           | 1947  | 6.90   | 330                 | 1    | 1947  | 6.93   | 1965         | 4.22   | 8           | 1965  | 4.11   | 1128                | 8    | 1965  | 4.07   |
| 8             | 1972         | 6.00   | 10          | 1972  | 6.42   | 1847                | 10   | 1972  | 6.56   | 1964         | 4.31   | 7           | 1965  | 4.18   | 155                 | 1    | 1963  | 4.12   |
| 9             | 1986         | 5.75   | 14          | 1986  | 6.21   | 709                 | 14   | 1986  | 6.34   | 1964         | 4.24   | 16          | 1964  | 4.08   | 147                 | 17   | 1964  | 4.03   |
| 10            | 1977         | 5.83   | 30          | 1981  | 6.53   | 906                 | 30   | 1981  | 6.59   | 1964         | 4.26   | 30          | 1934  | 4.05   | 1700                | 30   | 1934  | 4.04   |
| 11            | 1967         | 6.09   | 21          | 1918  | 6.72   | 600                 | 21   | 1918  | 6.75   | 1964         | 4.22   | 16          | 1964  | 4.01   | 907                 | 17   | 1964  | 4.00   |
| 12            | 1972         | 6.13   | 31          | 1897  | 7.61   | 2130                | 31   | 1959  | 7.54   | 1964         | 4.61   | 15          | 1964  | 4.13   | 935                 | 15   | 1964  | 4.10   |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15790 CONTRECOEUR QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\*\*\*\*\*

YEARLY MEAN 4.976 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 331 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM     |                | MINIMUM                   |
|---------------------------------------|-------------|----------------|---------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 5.874 IN/LE | 4 MONTH/MOIS   | 4.401 IN/LE 7 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 6.38 ON/LE  | 8 4            | 4.29 ON/LE 21 6           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 6.40 AT/A   | 2045 ON/LE 8 4 | 4.27 AT/A 1525 ON/LE 21 6 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\*\*\*\*\*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |       |                  |       |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|-------|------------------|-------|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR                      | DY/JR | MINIMUM<br>TM/HR | DY/JR |
| JAN           | 4.916           | 5.12 5                      | 4.72 29          | 5.17 1512                             | 5     | 4.69 1650        | 30    |
| FEB/FEV       | 5.218           | 5.68 17                     | 4.92 1           | 5.75 2010                             | 17    | 4.85 1           | 1     |
| MAR           | 4.840           | 5.35 31                     | 4.68 12          | 5.38 1945                             | 31    | 4.63 1358        | 12    |
| APR/AVR       | 5.874           | 6.38 8                      | 5.38 27          | 6.40 2045                             | 8     | 5.34 2006        | 26    |
| MAY/MAI       | 5.214           | 6.13 2                      | 4.67 28          | 6.16 1438                             | 2     | 4.62 950         | 28    |
| JUNE/JUIN     | 4.540           | 4.93 1                      | 4.29 21          | 5.03 1858                             | 1     | 4.27 1525        | 21    |
| JULY/JUIL     | 4.401           | 4.70 2                      | 4.31 15          | 4.74 105                              | 3     | 4.30 303         | 15    |
| SEPT          | 4.531           | 4.72 3                      | 4.40 9           | 4.76 1135                             | 2     | 4.37 1650        | 8     |
| OCT           | 4.871           | 5.40 27                     | 4.53 1           | 5.45 805                              | 28    | 4.45 653         | 2     |
| NOV           | 5.609           | 5.97 9                      | 5.20 1           | 6.02 1420                             | 10    | 5.16 2003        | 1     |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15790 CONTRECOEUR QUE  
LAT / LONG 4551N / 7314W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

7 1934 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |                |  | MINIMUM |       |               |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|----------------|--|---------|-------|---------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |                |  |         |       |               |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1935                                            | 1988    | 28    | 52 | 5.96    | IN/EN | 1973           |  | 4.46    | IN/EN | 1964          |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 8 1934                                          | 11 1988 | 311   | 48 | 7.47    | IN/EN | 5 1974         |  | 3.94    | IN/EN | 11 1964       |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 7 1934                                          | 12 1988 | 9511  | 48 | 7.96    | ON/LE | 19 3 1973      |  | 3.67    | ON/LE | 29 3 1965     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 7 1934                                          | 12 1988 | 328   | 50 | 7.99    | AT/A  | 1941 19 3 1973 |  | 3.61    | AT/A  | 650 24 6 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                 |                 |                       |               |                               |               |             |               |                         |               | MINIMUM               |             |                               |                 |               |             |               |                 |               |                 |
|---------------|-------------------------|-----------------|-----------------------|---------------|-------------------------------|---------------|-------------|---------------|-------------------------|---------------|-----------------------|-------------|-------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |               | INSTANTANEOUS LEVEL<br>NIVEAU |               |             |               | MONTHLY MEAN<br>MOYENNE |               | DAILY MEAN<br>MOYENNE |             | INSTANTANEOUS LEVEL<br>NIVEAU |                 |               |             |               |                 |               |                 |
|               | YEAR<br>ANNEE           | VALUE<br>VALEUR | DAY<br>JOUR           | YEAR<br>ANNEE | VALUE<br>VALEUR               | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR         | YEAR<br>ANNEE | VALUE<br>VALEUR       | DAY<br>JOUR | YEAR<br>ANNEE                 | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE | VALUE<br>VALEUR |
| 1             | 1968                    | 6.47            | 26                    | 1968          | 7.71                          | 1616          | 10          | 1981          | 7.78                    | 1965          | 4.88                  | 2           | 1962                          | 4.26            | 1215          | 2           | 1962          | 4.22            |               |                 |
| 2             | 1976                    | 6.47            | 3                     | 1976          | 7.72                          | 1040          | 3           | 1976          | 7.80                    | 1980          | 5.09                  | 1           | 1965                          | 4.54            | 1530          | 1           | 1965          | 4.50            |               |                 |
| 3             | 1973                    | 6.87            | 19                    | 1973          | 7.96                          | 1941          | 19          | 1973          | 7.99                    | 1965          | 4.54                  | 29          | 1965                          | 3.67            | 1800          | 29          | 1965          | 3.63            |               |                 |
| 4             | 1973                    | 6.80            | 24                    | 1971          | 7.66                          | 1150          | 24          | 1971          | 7.68                    | 1965          | 4.38                  | 5           | 1965                          | 3.88            | 1320          | 5           | 1965          | 3.81            |               |                 |
| 5             | 1974                    | 7.47            | 29                    | 1974          | 7.71                          | 1050          | 29          | 1974          | 7.76                    | 1964          | 4.48                  | 26          | 1965                          | 4.19            | 2010          | 31          | 1963          | 4.14            |               |                 |
| 6             | 1973                    | 6.09            | 1                     | 1974          | 7.32                          | 1255          | 1           | 1974          | 7.37                    | 1965          | 3.99                  | 24          | 1965                          | 3.67            | 650           | 24          | 1965          | 3.61            |               |                 |
| 7             | 1972                    | 5.87            | 1                     | 1972          | 6.33                          | 1             | 1           | 1972          | 6.39                    | 1965          | 3.95                  | 8           | 1965                          | 3.82            | 750           | 8           | 1965          | 3.76            |               |                 |
| 8             | 1972                    | 5.68            | 10                    | 1972          | 6.13                          | 1548          | 10          | 1972          | 6.19                    | 1964          | 4.02                  | 1           | 1963                          | 3.85            | 138           | 1           | 1963          | 3.78            |               |                 |
| 9             | 1986                    | 5.43            | 14                    | 1986          | 5.90                          | 340           | 14          | 1986          | 5.93                    | 1964          | 3.95                  | 16          | 1964                          | 3.76            | 2103          | 16          | 1964          | 3.71            |               |                 |
| 10            | 1986                    | 5.49            | 30                    | 1981          | 6.22                          | 1013          | 30          | 1981          | 6.25                    | 1964          | 3.99                  | 16          | 1964                          | 3.83            | 822           | 28          | 1963          | 3.88            |               |                 |
| 11            | 1967                    | 5.78            | 11                    | 1972          | 6.11                          | 1012          | 11          | 1972          | 6.16                    | 1964          | 3.94                  | 16          | 1964                          | 3.70            | 916           | 16          | 1964          | 3.64            |               |                 |
| 12            | 1972                    | 5.81            | 23                    | 1972          | 6.71                          | 2359          | 31          | 1972          | 6.85                    | 1964          | 4.38                  | 15          | 1964                          | 3.86            | 823           | 15          | 1964          | 3.79            |               |                 |



ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15793 LAVALTRIE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 4.800 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 221 NOMBRE DE JOURS UTILISES

MAXIMUM

MONTHLY MEAN/MOYENNE MENSUELLE 5.587 IN/LE 11 MONTH/MOIS  
DAILY MEAN/MOYENNE JOURNALIERE 5.94 ON/LE 9 11  
INSTANTANEOUS LEVEL/NIVEAU INSTANTANE 6.02 AT/A 1543 ON/LE 10 11

MINIMUM

4.353 IN/LE 7 MONTH/MOIS  
4.20 ON/LE 24 7  
4.19 AT/A 1700 ON/LE 24 6

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY.<br>MAXIMUM | JOURNALIERE<br>MINIMUM | INSTANTANEOUS LEVEL/NIVEAU<br>MAXIMUM | INSTANTANE<br>MINIMUM |
|---------------|-----------------|----------------------------|------------------------|---------------------------------------|-----------------------|
|               |                 | DY/JR                      | DY/JR                  | TM/HR DY/JR                           | TM/HR DY/JR           |
| JAN           | 4.940           | 5.20 5                     | 4.75 16                | 5.24 1440 5                           | 4.72 1330 16          |
| JULY/JUIL     | 4.353           | 4.69 2                     | 4.20 24                | 4.73 2205 2                           | 4.19 1930 23          |
| AUG/AOUT      | 4.567           | 4.80 30                    | 4.38 9                 | 4.81 2025 29                          | 4.35 1120 9           |
| SEPT          | 4.536           | 4.80 1                     | 4.40 9                 | 4.82 910 1                            | 4.38 1210 9           |
| OCT           | 4.870           | 5.41 27                    | 4.50 2                 | 5.44 1015 28                          | 4.47 705 2            |
| NOV           | 5.587           | 5.94 9                     | 5.19 1                 | 6.02 1543 10                          | 5.16 2025 2           |
| DEC           | 5.000           | 5.27 1                     | 4.80 31                | 5.34 1 1                              | 4.78 1345 31          |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15793 LAVALTRIE QUE  
LAT / LONG 4553N / 7316W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

5 1961 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |    | MAXIMUM |       |               |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|----|---------|-------|---------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %  |         |       |               |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1961                                            | 1988    | 26    | 93 | 5.94    | IN/EN | 1973          |  | 4.51    | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 5 1961                                          | 12 1988 | 303   | 91 | 7.49    | IN/EN | 5 1974        |  | 3.96    | IN/EN | 10 1964        |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 5 1961                                          | 12 1988 | 9195  | 91 | 8.02    | ON/LE | 31 3 1976     |  | 3.43    | ON/LE | 16 11 1964     |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 5 1961                                          | 12 1988 | 309   | 93 | 8.07    | AT/A  | 630 31 3 1976 |  | 3.40    | AT/A  | 230 17 11 1964 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                 |                 |                       |               |                               |               |             |               |                         |               | MINIMUM               |             |                               |                 |               |             |                         |                 |                       |                 |
|---------------|-------------------------|-----------------|-----------------------|---------------|-------------------------------|---------------|-------------|---------------|-------------------------|---------------|-----------------------|-------------|-------------------------------|-----------------|---------------|-------------|-------------------------|-----------------|-----------------------|-----------------|
|               | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |               | INSTANTANEOUS LEVEL<br>NIVEAU |               |             |               | MONTHLY MEAN<br>MOYENNE |               | DAILY MEAN<br>MOYENNE |             | INSTANTANEOUS LEVEL<br>NIVEAU |                 |               |             | MONTHLY MEAN<br>MOYENNE |                 | DAILY MEAN<br>MOYENNE |                 |
|               | YEAR<br>ANNEE           | VALUE<br>VALEUR | DAY<br>JOUR           | YEAR<br>ANNEE | VALUE<br>VALEUR               | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR         | YEAR<br>ANNEE | VALUE<br>VALEUR       | DAY<br>JOUR | YEAR<br>ANNEE                 | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE           | VALUE<br>VALEUR | YEAR<br>ANNEE         | VALUE<br>VALEUR |
| 1             | 1968                    | 6.45            | 26                    | 1968          | 7.66                          | 1545          | 26          | 1968          | 7.68                    | 1988          | 4.94                  | 2           | 1962                          | 4.30            | 1305          | 2           | 1962                    | 4.26            |                       |                 |
| 2             | 1967                    | 6.80            | 3                     | 1976          | 7.64                          | 1028          | 3           | 1976          | 7.72                    | 1980          | 5.11                  | 1           | 1965                          | 4.55            | 1730          | 1           | 1965                    | 4.53            |                       |                 |
| 3             | 1973                    | 6.83            | 31                    | 1976          | 8.02                          | 630           | 31          | 1976          | 8.07                    | 1965          | 4.60                  | 29          | 1965                          | 3.76            | 20            | 30          | 1965                    | 3.72            |                       |                 |
| 4             | 1973                    | 6.70            | 24                    | 1971          | 7.60                          | 1445          | 24          | 1971          | 7.64                    | 1965          | 4.45                  | 5           | 1965                          | 3.93            | 1345          | 5           | 1965                    | 3.85            |                       |                 |
| 5             | 1974                    | 7.49            | 26                    | 1974          | 7.78                          | 1937          | 25          | 1974          | 7.84                    | 1964          | 4.50                  | 26          | 1964                          | 4.26            | 1916          | 26          | 1964                    | 4.23            |                       |                 |
| 6             | 1974                    | 6.55            | 1                     | 1974          | 7.24                          | 1026          | 1           | 1974          | 7.29                    | 1964          | 4.23                  | 24          | 1965                          | 3.77            | 1220          | 29          | 1965                    | 3.75            |                       |                 |
| 7             | 1972                    | 5.88            | 1                     | 1972          | 6.32                          | 302           | 1           | 1972          | 6.38                    | 1965          | 3.96                  | 8           | 1965                          | 3.85            | 900           | 8           | 1965                    | 3.80            |                       |                 |
| 8             | 1972                    | 5.68            | 10                    | 1972          | 6.10                          | 1743          | 10          | 1972          | 6.17                    | 1964          | 4.03                  | 1           | 1963                          | 3.90            | 147           | 1           | 1963                    | 3.87            |                       |                 |
| 9             | 1986                    | 5.45            | 14                    | 1986          | 5.91                          | 940           | 14          | 1986          | 5.92                    | 1964          | 3.99                  | 14          | 1964                          | 3.85            | 1455          | 14          | 1964                    | 3.81            |                       |                 |
| 10            | 1977                    | 5.54            | 30                    | 1981          | 6.21                          | 957           | 30          | 1981          | 6.24                    | 1964          | 3.96                  | 16          | 1964                          | 3.83            | 900           | 16          | 1964                    | 3.81            |                       |                 |
| 11            | 1967                    | 5.78            | 11                    | 1972          | 6.11                          | 1404          | 11          | 1972          | 6.18                    | 1961          | 4.26                  | 16          | 1964                          | 3.43            | 230           | 17          | 1964                    | 3.40            |                       |                 |
| 12            | 1972                    | 5.82            | 23                    | 1972          | 6.69                          | 2359          | 31          | 1972          | 6.86                    | 1978          | 4.53                  | 4           | 1962                          | 4.08            | 2237          | 4           | 1962                    | 4.06            |                       |                 |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15930 SOREL QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES  
\* \* \* \* \*

YEARLY MEAN 4.661 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 358 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                  |  | MINIMUM                  |
|---------------------------------------|--------------------------|--|--------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 5.511 IN/LE 4 MONTH/MOIS |  | 4.131 IN/LE 7 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 5.96 ON/LE 8 4           |  | 3.92 ON/LE 25 6          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 5.98 AT/A 1700 ON/LE 8 4 |  | 3.87 AT/A 630 ON/LE 26 6 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES  
\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |  |  |
| J'AN          | 4.584           | 4.75 5                      | 4.42 29          | 4.79 815 21                           | 4.40 1010 29           |  |  |  |  |
| FEB/FEV       | 4.936           | 5.44 17                     | 4.62 1           | 5.50 1915 17                          | 4.56 1 1               |  |  |  |  |
| MAR           | 4.532           | 5.03 31                     | 4.36 12          | 5.06 2359 31                          | 4.32 1720 12           |  |  |  |  |
| APR/AVR       | 5.511           | 5.96 8                      | 5.03 27          | 5.98 1700 8                           | 5.00 813 27            |  |  |  |  |
| MAY/MAI       | 4.877           | 5.71 2                      | 4.36 28          | 5.74 1313 2                           | 4.34 950 28            |  |  |  |  |
| JUNE/JUIN     | 4.236           | 4.64 2                      | 3.92 25          | 4.71 1710 1                           | 3.87 630 26            |  |  |  |  |
| JULY/JUIL     | 4.131           | 4.46 2                      | 3.98 24          | 4.51 1755 2                           | 3.96 617 24            |  |  |  |  |
| AUG/AOUT      | 4.347           | 4.57 17                     | 4.16 9           | 4.60 1727 29                          | 4.12 937 9             |  |  |  |  |
| SEPT          | 4.307           | 4.56 1                      | 4.17 9           | 4.59 657 1                            | 4.13 723 22            |  |  |  |  |
| OCT           | 4.588           | 5.09 27                     | 4.27 2           | 5.13 240 27                           | 4.23 232 2             |  |  |  |  |
| NOV           | 5.247           | 5.61 10                     | 4.84 1           | 5.71 1615 10                          | 4.82 1457 1            |  |  |  |  |
| DEC           | 4.682           | 4.93 1                      | 4.45 31          | 5.00 1 1                              | 4.42 1450 31           |  |  |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15930 SOREL QUE  
LAT / LONG 4602N / 7306W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

1 1912 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |             |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|-------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |             |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1912                                            | 1988    | 77    | 100 | 5.55    | IN/EN | 1973        |  | 4.22    | IN/EN | 1964           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 1 1912                                          | 12 1988 | 920   | 100 | 7.25    | IN/EN | 4 1912      |  | 3.72    | IN/EN | 7 1965         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 1 1912                                          | 12 1988 | 27929 | 99  | 8.84    | ON/LE | 23 4 1912   |  | 3.43    | ON/LE | 29 3 1965      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 4 1912                                          | 12 1988 | 903   | 98  | 8.84    | AT/A  | 0 23 4 1912 |  | 3.37    | AT/A  | 2230 29 3 1965 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MAXIMUM       |                                      |                 |                                      |               |                 |                                             |             |               |                 | MINIMUM                              |                 |                                      |               |                 |                                             |             |               |                 |  |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--------------------------------------|-----------------|--------------------------------------|---------------|-----------------|---------------------------------------------|-------------|---------------|-----------------|--|
| MONTH<br>MOIS | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                               | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
|               |                                      |                 |                                      |               |                 |                                             |             |               |                 |                                      |                 |                                      |               |                 |                                             |             |               |                 |  |
| 1             | 1952                                 | 6.28            | 24                                   | 1968          | 7.31            | 1                                           | 25          | 1968          | 7.33            | 1965                                 | 4.42            | 2                                    | 1962          | 4.05            | 1135                                        | 2           | 1962          | 4.02            |  |
| 2             | 1952                                 | 6.13            | 26                                   | 1981          | 7.09            | 850                                         | 26          | 1981          | 7.10            | 1936                                 | 4.45            | 1                                    | 1965          | 4.19            | 30                                          | 1           | 1965          | 4.15            |  |
| 3             | 1913                                 | 6.83            | 28                                   | 1913          | 8.11            | 205                                         | 31          | 1925          | 7.81            | 1965                                 | 4.24            | 29                                   | 1965          | 3.43            | 2230                                        | 29          | 1965          | 3.37            |  |
| 4             | 1912                                 | 7.25            | 23                                   | 1912          | 8.84            | 0                                           | 23          | 1912          | 8.84            | 1965                                 | 4.12            | 1                                    | 1965          | 3.65            | 5                                           | 1           | 1965          | 3.59            |  |
| 5             | 1974                                 | 7.08            | 25                                   | 1947          | 7.60            | 1427                                        | 25          | 1947          | 7.64            | 1965                                 | 4.23            | 26                                   | 1965          | 3.93            | 755                                         | 26          | 1965          | 3.87            |  |
| 6             | 1947                                 | 6.97            | 4                                    | 1947          | 7.29            | 300                                         | 1           | 1947          | 7.32            | 1965                                 | 3.77            | 24                                   | 1965          | 3.48            | 818                                         | 25          | 1965          | 3.45            |  |
| 7             | 1947                                 | 5.60            | 1                                    | 1947          | 6.11            | 1818                                        | 1           | 1947          | 6.14            | 1965                                 | 3.72            | 8                                    | 1965          | 3.58            | 755                                         | 8           | 1965          | 3.53            |  |
| 8             | 1972                                 | 5.31            | 10                                   | 1972          | 5.75            | 1650                                        | 10          | 1972          | 5.82            | 1964                                 | 3.81            | 1                                    | 1963          | 3.64            | 7                                           | 1           | 1963          | 3.59            |  |
| 9             | 1986                                 | 5.07            | 14                                   | 1986          | 5.49            | 340                                         | 14          | 1986          | 5.52            | 1964                                 | 3.74            | 16                                   | 1964          | 3.54            | 2200                                        | 16          | 1964          | 3.49            |  |
| 10            | 1977                                 | 5.21            | 30                                   | 1981          | 5.79            | 820                                         | 30          | 1981          | 5.82            | 1964                                 | 3.77            | 30                                   | 1934          | 3.59            | 720                                         | 16          | 1964          | 3.56            |  |
| 11            | 1967                                 | 5.41            | 21                                   | 1918          | 6.09            | 400                                         | 21          | 1918          | 6.15            | 1964                                 | 3.73            | 16                                   | 1964          | 3.48            | 742                                         | 16          | 1964          | 3.43            |  |
| 12            | 1972                                 | 5.48            | 23                                   | 1972          | 6.27            | 2320                                        | 23          | 1972          | 6.45            | 1915                                 | 4.05            | 15                                   | 1964          | 3.65            | 820                                         | 15          | 1964          | 3.58            |  |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 15975 LAKE/LAC SAINT-PIERRE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 4.208 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 221 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                   |  | MINIMUM                  |
|---------------------------------------|---------------------------|--|--------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 4.926 IN/LE 11 MONTH/MOIS |  | 3.699 IN/LE 7 MONTH/MOIS |
| DAILY MEAN/MOYENNE JOURNALIERE        | 5.47 ON/LE 13 4           |  | 3.45 ON/LE 24 6          |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 5.75 AT/A 1017 ON/LE 12 4 |  | 3.33 AT/A 445 ON/LE 24 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |         | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |        |         |         |
|---------------|-----------------|-----------------------------|---------|---------------------------------------|--------|---------|---------|
|               |                 | MAXIMUM                     | MINIMUM | MAXIMUM                               |        | MINIMUM |         |
|               |                 | DY/JR                       | DY/JR   | TM/HR                                 | DY/JR  | TM/HR   | DY/JR   |
| JUNE/JUIN     | 3.817           | 4.27 2                      | 3.45 24 | 4.45                                  | 1255 2 | 3.37    | 650 26  |
| JULY/JUIL     | 3.699           | 4.12 2                      | 3.47 24 | 4.22                                  | 1320 2 | 3.33    | 445 24  |
| SEPT          | 3.865           | 4.11 2                      | 3.69 9  | 4.22                                  | 644 2  | 3.38    | 100 27  |
| OCT           | 4.185           | 4.75 27                     | 3.82 2  | 4.85                                  | 341 27 | 3.50    | 2110 4  |
| NOV           | 4.926           | 5.36 10                     | 4.43 1  | 5.52                                  | 337 10 | 4.18    | 105 1   |
| DEC           | 4.300           | 4.58 1                      | 4.04 31 | 4.76                                  | 345 1  | 3.65    | 1625 30 |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 15975 LAKE/LAC SAINT-PIERRE QUE  
LAT / LONG 4611N / 7253W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

9 1978 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |               |  | MINIMUM |       |                 |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|---------------|--|---------|-------|-----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |               |  |         |       |                 |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1979                                            | 1988    | 10    | 100 | 5.07    | IN/EN | 1981          |  | 4.21    | IN/EN | 1988            |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 10 1978                                         | 12 1988 | 84    | 68  | 5.73    | IN/EN | 4 1981        |  | 3.70    | IN/EN | 7 1988          |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 9 1978                                          | 12 1988 | 2714  | 72  | 7.08    | ON/LE | 26 2 1981     |  | 3.45    | ON/LE | 24 6 1988       |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 9 1978                                          | 12 1988 | 106   | 85  | 7.18    | AT/A  | 759 26 2 1981 |  | 3.14    | AT/A  | 1053 13 12 1978 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                              |                 |                                      |               |                                             |               |             |               |                                      |               | MINIMUM                              |             |                                             |                 |               |             |               |                 |               |             |
|---------------|--------------------------------------|-----------------|--------------------------------------|---------------|---------------------------------------------|---------------|-------------|---------------|--------------------------------------|---------------|--------------------------------------|-------------|---------------------------------------------|-----------------|---------------|-------------|---------------|-----------------|---------------|-------------|
|               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |                 | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |               | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |               |             |               | MONTHLY MEAN<br>MOYENNE<br>MENSUELLE |               | DAILY MEAN<br>MOYENNE<br>JOURNALIERE |             | INSTANTANEOUS LEVEL<br>NIVEAU<br>INSTANTANE |                 |               |             |               |                 |               |             |
|               | YEAR<br>ANNEE                        | VALUE<br>VALEUR | DAY<br>JOUR                          | YEAR<br>ANNEE | VALUE<br>VALEUR                             | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR                      | YEAR<br>ANNEE | VALUE<br>VALEUR                      | DAY<br>JOUR | YEAR<br>ANNEE                               | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE | DAY<br>JOUR |
| 1             | 1981                                 | 5.05            | 8                                    | 1981          | 5.87                                        | 1541          | 1           | 1981          | 5.94                                 | 1982          | 4.31                                 | 26          | 1987                                        | 3.74            | 1355          | 27          | 1987          | 3.41            |               |             |
| 2             | 1981                                 | 5.48            | 26                                   | 1981          | 7.08                                        | 759           | 26          | 1981          | 7.18                                 | 1987          | 4.46                                 | 7           | 1979                                        | 4.27            | 1318          | 6           | 1987          | 3.82            |               |             |
| 3             | 1987                                 | 4.84            | 1                                    | 1981          | 6.60                                        |               | 3           | 1981          | 6.72                                 | 1982          | 4.50                                 | 20          | 1982                                        | 4.30            | 847           | 24          | 1987          | 3.87            |               |             |
| 4             | 1981                                 | 5.73            | 2                                    | 1987          | 6.60                                        | 938           | 2           | 1987          | 6.69                                 | 1983          | 5.34                                 | 8           | 1983                                        | 4.58            | 518           | 26          | 1988          | 4.01            |               |             |
| 5             | 1979                                 | 5.66            | 12                                   | 1983          | 6.82                                        | 248           | 12          | 1983          | 6.88                                 | 1987          | 4.36                                 | 31          | 1982                                        | 4.14            | 1130          | 9           | 1987          | 3.77            |               |             |
| 6             | 1983                                 | 4.97            | 8                                    | 1983          | 5.70                                        | 1032          | 7           | 1983          | 5.83                                 | 1988          | 3.82                                 | 24          | 1988                                        | 3.45            | 650           | 26          | 1988          | 3.37            |               |             |
| 7             | 1984                                 | 4.68            | 2                                    | 1981          | 5.07                                        | 1541          | 1           | 1981          | 5.21                                 | 1988          | 3.70                                 | 24          | 1988                                        | 3.47            | 445           | 24          | 1988          | 3.33            |               |             |
| 8             | 1981                                 | 4.70            | 19                                   | 1981          | 5.45                                        | 443           | 19          | 1981          | 5.50                                 | 1982          | 3.95                                 | 8           | 1988                                        | 3.70            | 1850          | 16          | 1982          | 3.37            |               |             |
| 9             | 1979                                 | 4.39            | 16                                   | 1979          | 4.82                                        | 1243          | 16          | 1979          | 4.88                                 | 1988          | 3.87                                 | 27          | 1978                                        | 3.66            | 1335          | 27          | 1978          | 3.36            |               |             |
| 10            | 1980                                 | 4.93            | 26                                   | 1980          | 5.10                                        | 435           | 26          | 1980          | 5.28                                 | 1982          | 3.81                                 | 26          | 1982                                        | 3.48            | 315           | 26          | 1982          | 3.24            |               |             |
| 11            | 1988                                 | 4.93            | 10                                   | 1988          | 5.36                                        | 337           | 10          | 1988          | 5.52                                 | 1978          | 3.79                                 | 27          | 1978                                        | 3.57            | 520           | 28          | 1978          | 3.21            |               |             |
| 12            | 1979                                 | 4.86            | 27                                   | 1979          | 5.38                                        | 747           | 27          | 1979          | 5.49                                 | 1978          | 3.82                                 | 20          | 1978                                        | 3.58            | 1053          | 13          | 1978          | 3.14            |               |             |

ANNUAL SUMMARY OF WATER LEVELS/SOMMAIRE ANNUEL DES NIVEAUX D'EAU  
(METRES)

STATION 16005 SAINTE-ANNE-DE-BELLEVUE QUE

YEAR 1988 ANNEE

REFERENCE DATUM I.G.L.D. (1955)  
NIVEAU DE REFERENCE R.I.G.L. (1955)

YEARLY STATISTICS/STATISTIQUES ANNUELLES

\* \* \* \* \*

YEARLY MEAN 21.891 MOYENNE ANNUELLE  
NUMBER OF DAYS USED 184 NOMBRE DE JOURS UTILISES

|                                       | MAXIMUM                     |  | MINIMUM                    |
|---------------------------------------|-----------------------------|--|----------------------------|
| MONTHLY MEAN/MOYENNE MENSUELLE        | 22.632 IN/LE 11 MONTH/MOIS  |  | 21.385 IN/LE 7 MONTH/MOIS  |
| DAILY MEAN/MOYENNE JOURNALIERE        | 22.80 ON/LE 9 11            |  | 21.31 ON/LE 16 7           |
| INSTANTANEOUS LEVEL/NIVEAU INSTANTANE | 22.89 AT/A 2018 ON/LE 10 11 |  | 21.24 AT/A 1950 ON/LE 10 7 |

MONTHLY STATISTICS/STATISTIQUES MENSUELLES

\* \* \* \* \*

| MONTH<br>MOIS | MEAN<br>MOYENNE | DAILY MEAN/MOY. JOURNALIERE |                  | INSTANTANEOUS LEVEL/NIVEAU INSTANTANE |                        |  |  |
|---------------|-----------------|-----------------------------|------------------|---------------------------------------|------------------------|--|--|
|               |                 | MAXIMUM<br>DY/JR            | MINIMUM<br>DY/JR | MAXIMUM<br>TM/HR DY/JR                | MINIMUM<br>TM/HR DY/JR |  |  |
| JULY/JUIL     | 21.385          | 21.51 1                     | 21.31 16         | 21.57 1145 1                          | 21.24 1950 10          |  |  |
| AUG/AOUT      | 21.589          | 21.81 31                    | 21.41 3          | 21.90 1531 31                         | 21.31 904 3            |  |  |
| SEPT          | 21.656          | 21.78 1                     | 21.55 29         | 21.85 735 5                           | 21.44 1035 27          |  |  |
| OCT           | 22.071          | 22.61 29                    | 21.60 1          | 22.65 1050 29                         | 21.51 1413 2           |  |  |
| NOV           | 22.632          | 22.80 9                     | 22.36 30         | 22.89 2018 10                         | 22.30 2005 30          |  |  |
| DEC           | 22.092          | 22.32 1                     | 21.88 31         | 22.40 2145 3                          | 21.85 1740 30          |  |  |

EXTREME WATER LEVELS REPORT / RAPPORT DE NIVEAUX D'EAU EXTREMES

STATION 16005 SAINTE-ANNE-DE-BELLEVUE QUE  
LAT / LONG 4524N / 7357W

REFERENCE DATUM- I.G.L.D. (1955)  
NIVEAU DE REFERENCE- R.I.G.L. (1955)

EXTREMES

FOR DAILY MEANS PERIOD OF RECORD / POUR PERIODE D'OBSERVATION DES MOYENNES JOURNALIERES

12 1919 TO/A 12 1988

| EXTREME TYPE<br>TYPE D'EXTREME              | NUMBER OF OBSERVATIONS<br>NOMBRE D'OBSERVATIONS |         |       |     | MAXIMUM |       |              |  | MINIMUM |       |                |  |
|---------------------------------------------|-------------------------------------------------|---------|-------|-----|---------|-------|--------------|--|---------|-------|----------------|--|
|                                             | FROM/DE                                         | TO/A    | TOTAL | %   |         |       |              |  |         |       |                |  |
| YEARLY MEANS<br>MOYENNES ANNUELLES          | 1920                                            | 1988    | 69    | 100 | 22.39   | IN/EN | 1928         |  | 21.57   | IN/EN | 1931           |  |
| MONTHLY MEANS<br>MOYENNES MENSUELLES        | 12 1919                                         | 12 1988 | 812   | 98  | 23.81   | IN/EN | 5 1947       |  | 21.11   | IN/EN | 9 1921         |  |
| DAILY MEANS<br>MOYENNES JOURNALIERES        | 12 1919                                         | 12 1988 | 24678 | 98  | 24.27   | ON/LE | 4 4 1976     |  | 21.01   | ON/LE | 27 9 1921      |  |
| INSTANTANEOUS LEVELS<br>NIVEAUX INSTANTANES | 1 1920                                          | 12 1988 | 819   | 99  | 24.30   | AT/A  | 335 5 4 1976 |  | 20.97   | AT/A  | 1130 25 9 1921 |  |

EXTREMES BY MONTH / EXTREMES PAR MOIS

| MONTH<br>MOIS | MAXIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  | MINIMUM                           |                 |                                   |               |                 |                                          |             |               |                 |  |
|---------------|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|-----------------------------------|-----------------|-----------------------------------|---------------|-----------------|------------------------------------------|-------------|---------------|-----------------|--|
|               | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  | MONTHLY MEAN<br>MOYENNE MENSUELLE |                 | DAILY MEAN<br>MOYENNE JOURNALIERE |               |                 | INSTANTANEOUS LEVEL<br>NIVEAU INSTANTANE |             |               |                 |  |
|               | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  | YEAR<br>ANNEE                     | VALUE<br>VALEUR | DAY<br>JOUR                       | YEAR<br>ANNEE | VALUE<br>VALEUR | HOUR<br>HEURE                            | DAY<br>JOUR | YEAR<br>ANNEE | VALUE<br>VALEUR |  |
| 1             | 1985                              | 22.29           | 27                                | 1980          | 22.51           | 1253                                     | 27          | 1980          | 22.67           |  | 1923                              | 21.29           | 8                                 | 1923          | 21.23           | 1000                                     | 8           | 1923          | 21.22           |  |
| 2             | 1981                              | 22.39           | 26                                | 1981          | 23.72           | 1825                                     | 26          | 1981          | 23.75           |  | 1921                              | 21.32           | 18                                | 1921          | 21.27           | 530                                      | 18          | 1921          | 21.26           |  |
| 3             | 1973                              | 22.80           | 31                                | 1976          | 23.67           | 2359                                     | 31          | 1976          | 23.75           |  | 1931                              | 21.47           | 2                                 | 1921          | 21.28           | 1600                                     | 3           | 1921          | 21.28           |  |
| 4             | 1951                              | 23.68           | 4                                 | 1976          | 24.27           | 335                                      | 5           | 1976          | 24.30           |  | 1944                              | 21.84           | 4                                 | 1965          | 21.46           | 1850                                     | 4           | 1965          | 21.35           |  |
| 5             | 1947                              | 23.81           | 14                                | 1943          | 24.12           | 1922                                     | 22          | 1974          | 24.21           |  | 1987                              | 21.69           | 28                                | 1982          | 21.58           | 1432                                     | 27          | 1968          | 21.46           |  |
| 6             | 1947                              | 23.70           | 1                                 | 1947          | 24.06           | 900                                      | 1           | 1947          | 24.07           |  | 1977                              | 21.55           | 28                                | 1965          | 21.39           | 1235                                     | 28          | 1965          | 21.11           |  |
| 7             | 1957                              | 22.36           | 1                                 | 1947          | 23.08           | 30                                       | 1           | 1947          | 23.10           |  | 1988                              | 21.39           | 16                                | 1988          | 21.31           | 958                                      | 5           | 1965          | 21.12           |  |
| 8             | 1972                              | 22.16           | 1                                 | 1970          | 22.47           | 925                                      | 1           | 1970          | 22.57           |  | 1921                              | 21.28           | 29                                | 1921          | 21.22           | 1508                                     | 2           | 1965          | 21.03           |  |
| 9             | 1932                              | 22.08           | 13                                | 1986          | 22.34           | 1320                                     | 13          | 1986          | 22.41           |  | 1921                              | 21.11           | 27                                | 1921          | 21.01           | 1130                                     | 25          | 1921          | 20.97           |  |
| 10            | 1928                              | 22.46           | 29                                | 1928          | 23.09           | 900                                      | 29          | 1928          | 23.12           |  | 1920                              | 21.27           | 1                                 | 1921          | 21.03           | 1900                                     | 1           | 1921          | 20.99           |  |
| 11            | 1932                              | 22.67           | 1                                 | 1928          | 23.05           | 830                                      | 1           | 1928          | 23.07           |  | 1922                              | 21.30           | 14                                | 1922          | 21.26           | 1318                                     | 2           | 1964          | 21.21           |  |
| 12            | 1979                              | 22.43           | 12                                | 1966          | 22.91           | 615                                      | 12          | 1966          | 22.95           |  | 1922                              | 21.32           | 26                                | 1922          | 21.26           | 700                                      | 28          | 1922          | 21.25           |  |