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TRANSFER PROCESSES OPERATING  
AT THE OCEAN BOUNDARIES

Navy Department  
Office of Naval Research  
Contract N7 onr 48704

Project NR 083-071  
Data Report--Section 2  
December 1952

WATER LEVEL DATA

Research Conducted for the  
*Texas A.&M. Research Foundation*  
COLLEGE STATION, TEXAS

THE AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS  
Department of Oceanography  
College Station, Texas

Research conducted for the  
Texas A. & M. Research Foundation  
in cooperation with the  
Gulf Coast Producing Division  
of the Pure Oil Company

Project 30

DATA REPORT - SECTION 2

WATER LEVEL

December, 1950 to September, 1952

Project 30 is a study of transfer processes operating at the ocean boundaries sponsored by the Office of Naval Research (Project NR 083-071, Contract N7onr-48704). Presentation of material in this report is not considered to constitute final publication.

January, 1953

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PERSONNEL

December 31, 1952

|                    |                           |
|--------------------|---------------------------|
| Robert O. Reid     | Project Supervisor        |
| William H. Clayton | Associate in Oceanography |
| Ann A. Barr        | Computer                  |
| John E. Conner     | Draftsman-Computer        |
| Mary E. Gambill    | Secretary-Computer        |
| Arch B. Kennedy    | Marine Technician         |
| Owen S. Lee        | Research Assistant        |
| Marian L. Proctor  | Secretary                 |

Personnel Formerly Employed on Project

|                     |                     |
|---------------------|---------------------|
| Joe C. Bradley      | Computer            |
| Gretchen A. Duncan  | Computer            |
| Richard A. Forgrave | Marine Technician   |
| Leonard I. Holder   | Research Assistant  |
| Helen Jacobs        | Computer            |
| Minton J. Kelly     | Engineer            |
| Marvin R. Mace      | Marine Technician   |
| Carter R. Sparger   | Research Assistant  |
| Max H. Tanner       | Technical Assistant |
| Doyle W. Thomas     | Draftsman-Computer  |

## INTRODUCTION

The following report covering water level data is the second in a series of reports presenting in tabular form all measurements made on this project (NR 083-071, Contract N7onr-48704) at an offshore drilling platform of the Pure Oil Company. The platform is approximately fifteen miles south of Point Chevreuil and eight miles west of Point AuFer, Louisiana. Mean water level is about twelve feet.

Omissions are indicated by dashes and are the result of instrument breakdown or doubtful data. All measurements were made with a Model FW-1, Bendix Friez Water Level Recorder with a gage height ratio of one to thirty-six, and are tabulated to tenths of a foot. Complete details of measurement and processing of data may be found in the annual report of this project for the period March 15, 1951 to March 14, 1952.

Values marked with parenthesis are not original data but interpolated from a plot of the measured data. No attempt has been made to interpolate where the record showed anything other than a smooth variation, nor for any period in excess of six hours. For this reason, interpolated values are assumed to have equal weight with measured values in the computation of daily and monthly means.

Those data prior to March 15, 1951 were collected by A. & M. Research Foundation Project 25 (Oceanographic Analysis of Marine Pipe Line Problems).

# WATER LEVEL

1950

| <u>DATE</u> | <u>Dec.15</u> | <u>Dec.16</u> | <u>Dec.17</u> | <u>Dec.18</u> | <u>Dec.19</u> | <u>Dec.20</u> | <u>Dec.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | 11.9          | 11.5          | 11.5          | 11.4          | 11.9          | 11.7          |
| 0100        | -             | 11.9          | 11.3          | 11.1          | 11.1          | 11.6          | 11.3          |
| 0200        | -             | 11.9          | 11.2          | 10.8          | 10.8          | 11.0          | 11.0          |
| 0300        | -             | 11.9          | 11.3          | 10.5          | 10.6          | 10.6          | 10.7          |
| 0400        | 12.2          | 12.0          | 11.4          | 10.5          | 10.7          | 10.5          | 10.4          |
| 0500        | 12.1          | 12.1          | 11.6          | 10.6          | 10.7          | 10.5          | 10.2          |
| 0600        | 12.0          | 12.2          | 11.7          | 10.9          | 10.8          | 10.7          | 10.3          |
| 0700        | 11.9          | 12.3          | 11.9          | 11.2          | 11.0          | 10.8          | 10.3          |
| 0800        | 11.9          | 12.3          | 12.1          | 11.5          | 11.3          | 10.9          | 10.7          |
| 0900        | 11.9          | 12.2          | 12.3          | 11.6          | 11.5          | 11.1          | 11.1          |
| 1000        | 11.9          | 12.1          | 12.3          | 11.7          | 11.9          | 11.4          | 11.5          |
| 1100        | 11.7          | 12.1          | 12.3          | 11.9          | 12.2          | 11.6          | 12.0          |
| 1200        | 11.4          | 12.0          | 12.2          | 12.1          | 12.3          | 11.8          | 12.3          |
| 1300        | 11.1          | 12.0          | 11.8          | 12.0          | 12.3          | 11.8          | 12.6          |
| 1400        | 10.9          | 12.0          | 11.6          | 11.9          | 12.4          | 11.9          | 12.7          |
| 1500        | 10.8          | 12.1          | 11.5          | 11.8          | 12.3          | 11.9          | 12.6          |
| 1600        | 11.1          | 12.3          | 11.4          | 11.8          | 12.2          | 12.0          | 12.5          |
| 1700        | 11.4          | 12.4          | 11.5          | 11.8          | 12.1          | 12.0          | 12.5          |
| 1800        | 11.8          | 12.3          | 11.7          | 12.0          | 12.1          | 12.0          | 12.3          |
| 1900        | 12.2          | 12.1          | 11.9          | 12.0          | 12.2          | 12.0          | 12.3          |
| 2000        | 12.3          | 12.1          | 12.0          | 12.0          | 12.2          | 12.1          | 12.4          |
| 2100        | 12.3          | 12.1          | 12.2          | 12.1          | 12.1          | 12.1          | 12.4          |
| 2200        | 12.1          | 12.0          | 12.1          | 11.9          | 12.1          | 12.1          | 12.4          |
| 2300        | 11.9          | 11.8          | 12.0          | 11.7          | 12.0          | 11.9          | 12.3          |
| <u>SUM</u>  | 234.9         | 290.1         | 282.8         | 276.9         | 280.3         | 276.2         | 280.5         |
| <u>MEAN</u> | 11.7          | 12.1          | 11.8          | 11.5          | 11.7          | 11.5          | 11.7          |

# WATER LEVEL

1950

| <u>DATE</u> | <u>Dec.22</u> | <u>Dec.23</u> | <u>Dec.24</u> | <u>Dec.25</u> | <u>Dec.26</u> | <u>Dec.27</u> | <u>Dec.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.1          | 12.4          | 12.5          | 12.3          | 12.6          | 12.4          | 12.8          |
| 0100        | 11.7          | 12.2          | 12.2          | 12.1          | 12.5          | 12.2          | 12.9          |
| 0200        | 11.2          | 11.8          | 11.8          | 11.7          | 12.2          | 12.0          | 12.6          |
| 0300        | 10.9          | 11.3          | 11.3          | 11.5          | 11.8          | 11.5          | 12.4          |
| 0400        | 10.7          | 11.0          | 10.9          | 11.1          | 11.3          | 10.9          | 12.1          |
| 0500        | 10.4          | 10.6          | 10.5          | 10.4          | 10.9          | 10.6          | 11.8          |
| 0600        | 10.3          | 10.5          | 10.3          | 10.3          | 10.5          | 10.2          | 11.7          |
| 0700        | 10.5          | 10.4          | 10.4          | 10.2          | 10.5          | 10.1          | 11.5          |
| 0800        | 10.6          | 10.5          | 10.7          | 10.3          | 10.6          | 10.0          | 11.5          |
| 0900        | 10.9          | 10.7          | 11.0          | 10.6          | 10.8          | (10.1)        | 11.5          |
| 1000        | 11.2          | 11.2          | 11.4          | 11.0          | 11.2          | (10.4)        | 11.3          |
| 1100        | 11.7          | 11.7          | 11.6          | 11.4          | 11.5          | (10.8)        | 10.9          |
| 1200        | 12.1          | 12.2          | 12.0          | 11.8          | 11.7          | 11.2          | 10.9          |
| 1300        | 12.6          | 12.6          | 12.3          | 12.2          | 12.0          | 11.4          | 11.0          |
| 1400        | 12.8          | 13.0          | 12.7          | 12.6          | 12.3          | 11.6          | 11.2          |
| 1500        | 13.1          | 13.1          | 13.0          | 12.8          | 12.5          | 11.8          | 11.7          |
| 1600        | 13.1          | 13.1          | 13.2          | 12.9          | 12.7          | 12.2          | 12.0          |
| 1700        | 13.1          | 13.1          | 13.1          | 12.9          | 12.7          | 12.4          | 12.4          |
| 1800        | 13.0          | 13.0          | 13.0          | 12.8          | 12.7          | 12.6          | 12.8          |
| 1900        | 13.0          | 13.0          | 13.0          | 12.9          | 12.7          | 12.7          | 12.8          |
| 2000        | 12.9          | 13.0          | 12.9          | 12.9          | 12.7          | 12.7          | 12.8          |
| 2100        | 12.9          | 13.0          | 12.8          | 12.9          | 12.7          | 12.7          | 12.8          |
| 2200        | 12.9          | 12.9          | 12.7          | 12.9          | 12.7          | 12.7          | -             |
| 2300        | 12.7          | 12.8          | 12.5          | 12.8          | 12.6          | 12.7          | -             |
| <u>SUM</u>  | 286.4         | 289.1         | 287.8         | 285.3         | 286.4         | 277.9         | 263.4         |
| <u>MEAN</u> | 11.9          | 12.0          | 12.0          | 11.9          | 11.9          | 11.6          | 12.0          |

# WATER LEVEL

1950

| <u>DATE</u> | <u>Dec.29</u> | <u>Dec.30</u> | <u>Dec.31</u> |
|-------------|---------------|---------------|---------------|
|-------------|---------------|---------------|---------------|

| <u>TIME</u> |  |  |  |
|-------------|--|--|--|
|-------------|--|--|--|

|      |   |   |   |
|------|---|---|---|
| 0000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0300 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0400 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0500 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0600 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0700 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0800 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0900 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1300 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1400 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1500 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1600 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1700 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1800 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1900 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2300 | - | - | - |
|------|---|---|---|

MEAN FOR MONTH

11.8

|            |   |   |   |
|------------|---|---|---|
| <u>SUM</u> | - | - | - |
|------------|---|---|---|

|             |   |   |   |
|-------------|---|---|---|
| <u>MEAN</u> | - | - | - |
|-------------|---|---|---|

# WATER LEVEL

1951

| <u>DATE</u> | <u>Jan.1</u> | <u>Jan.2</u> | <u>Jan.3</u> | <u>Jan.4</u> | <u>Jan.5</u> | <u>Jan.6</u> | <u>Jan.7</u> |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <u>TIME</u> |              |              |              |              |              |              |              |
| 0000        | -            | -            | -            | -            | -            | -            | -            |
| 0100        | -            | -            | -            | -            | -            | -            | -            |
| 0200        | -            | -            | -            | -            | -            | -            | -            |
| 0300        | -            | -            | -            | -            | -            | -            | -            |
| 0400        | -            | -            | -            | -            | -            | -            | -            |
| 0500        | -            | -            | -            | -            | -            | -            | -            |
| 0600        | -            | -            | -            | -            | -            | -            | -            |
| 0700        | -            | -            | -            | -            | -            | -            | -            |
| 0800        | -            | -            | -            | -            | -            | -            | -            |
| 0900        | -            | -            | -            | -            | -            | -            | -            |
| 1000        | -            | -            | -            | -            | -            | -            | -            |
| 1100        | -            | -            | -            | -            | -            | -            | -            |
| 1200        | -            | -            | -            | -            | -            | -            | -            |
| 1300        | -            | -            | -            | -            | -            | -            | -            |
| 1400        | -            | -            | -            | -            | -            | -            | -            |
| 1500        | -            | -            | -            | -            | -            | -            | -            |
| 1600        | -            | -            | -            | -            | -            | -            | -            |
| 1700        | -            | -            | -            | -            | -            | -            | -            |
| 1800        | -            | -            | -            | -            | -            | -            | -            |
| 1900        | -            | -            | -            | -            | -            | -            | -            |
| 2000        | -            | -            | -            | -            | -            | -            | -            |
| 2100        | -            | -            | -            | -            | -            | -            | -            |
| 2200        | -            | -            | -            | -            | -            | -            | -            |
| 2300        | -            | -            | -            | -            | -            | -            | -            |
| <u>SUM</u>  | -            | -            | -            | -            | -            | -            | -            |
| <u>MEAN</u> | -            | -            | -            | -            | -            | -            | -            |



# WATER LEVEL.

1951

| <u>DATE</u> | <u>Jan.8</u> | <u>Jan.9</u> | <u>Jan.10</u> | <u>Jan.11</u> | <u>Jan.12</u> | <u>Jan.13</u> | <u>Jan.14</u> |
|-------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |              |              |               |               |               |               |               |
| 0000        | -            | -            | -             | 11.8          | 12.6          | 11.7          | 11.9          |
| 0100        | -            | -            | -             | 11.8          | 12.4          | 11.7          | 11.9          |
| 0200        | -            | -            | -             | 11.8          | 12.3          | 11.7          | 11.9          |
| 0300        | -            | -            | -             | 11.8          | 12.3          | 11.7          | 12.0          |
| 0400        | -            | -            | -             | 11.5          | 12.2          | 11.8          | 12.1          |
| 0500        | -            | -            | -             | 11.2          | 12.3          | 12.1          | 12.3          |
| 0600        | -            | -            | -             | 10.8          | 12.3          | 12.1          | 12.6          |
| 0700        | -            | -            | -             | 10.8          | 12.1          | 12.1          | 12.7          |
| 0800        | -            | -            | -             | 10.9          | 11.8          | 11.9          | 13.1          |
| 0900        | -            | -            | -             | 10.9          | 11.6          | 11.9          | 13.8          |
| 1000        | -            | -            | 10.0          | 10.9          | 11.4          | 11.8          | 11.7          |
| 1100        | -            | -            | 10.0          | 10.9          | 11.3          | 11.7          | 10.3          |
| 1200        | -            | -            | 10.3          | 10.6          | 11.2          | 11.6          | 9.9           |
| 1300        | -            | 11.2         | 10.5          | 10.6          | 11.3          | 11.7          | 11.5          |
| 1400        | -            | 11.7         | 10.6          | 10.6          | 11.3          | 11.7          | 13.2          |
| 1500        | -            | 12.1         | 10.9          | 10.6          | 11.5          | 11.8          | 13.7          |
| 1600        | -            | 12.3         | 11.3          | 11.0          | 11.8          | 12.0          | 12.8          |
| 1700        | -            | 12.4         | 11.7          | 11.5          | 12.1          | 12.2          | 11.9          |
| 1800        | -            | 12.4         | 11.9          | 12.0          | 12.3          | 12.4          | 11.4          |
| 1900        | -            | 12.4         | 12.0          | 12.4          | 12.4          | 12.5          | 11.1          |
| 2000        | -            | 12.4         | 12.1          | 12.7          | 12.2          | 12.4          | 10.9          |
| 2100        | -            | -            | 12.0          | 12.7          | 12.2          | 12.3          | 11.0          |
| 2200        | -            | -            | 12.0          | 12.7          | 12.0          | 12.1          | 11.1          |
| 2300        | -            | -            | 11.8          | 12.6          | 11.8          | 12.0          | 10.6          |
| <u>SUM</u>  | -            | 96.9         | 157.1         | 275.1         | 286.7         | 286.9         | 285.4         |
| <u>MEAN</u> | -            | 12.1         | 11.2          | 11.5          | 11.9          | 12.0          | 11.9          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Jan.15</u> | <u>Jan.16</u> | <u>Jan.17</u> | <u>Jan.18</u> | <u>Jan.19</u> | <u>Jan.20</u> | <u>Jan.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 9.9           | 10.9          | 11.4          | 11.6          | 11.2          | 12.1          | 11.9          |
| 0100        | 9.6           | 10.6          | 11.2          | 11.2          | 10.9          | 11.8          | 11.5          |
| 0200        | 9.2           | 10.3          | 10.9          | 10.9          | 10.6          | 11.3          | 10.3          |
| 0300        | 9.0           | 10.0          | 10.6          | 10.8          | 10.5          | 10.9          | 9.6           |
| 0400        | 9.5           | 10.1          | 10.6          | 10.9          | 10.6          | 10.6          | 9.3           |
| 0500        | 9.8           | 10.3          | 10.7          | 10.9          | 10.7          | 10.5          | 9.1           |
| 0600        | 9.9           | 10.5          | 11.1          | 11.0          | 10.9          | 10.7          | 9.3           |
| 0700        | 10.0          | 10.9          | 11.3          | 11.2          | 11.2          | 11.0          | 9.8           |
| 0800        | 10.3          | 11.3          | 11.6          | 11.5          | 11.7          | 11.4          | 10.5          |
| 0900        | 10.6          | 11.8          | 11.9          | 11.8          | 12.0          | 11.7          | 10.8          |
| 1000        | 11.1          | 12.1          | 12.1          | 12.1          | 12.5          | 12.0          | 10.9          |
| 1100        | 11.6          | 12.4          | 12.2          | 12.3          | 13.0          | 12.4          | 11.4          |
| 1200        | 11.8          | 12.4          | 12.1          | 12.6          | 13.0          | 12.7          | 11.6          |
| 1300        | 11.8          | 12.4          | 12.1          | 12.6          | 13.2          | 12.9          | 11.9          |
| 1400        | 11.7          | 12.4          | 12.1          | 12.4          | 13.0          | 13.0          | 12.1          |
| 1500        | 11.6          | 12.4          | 12.1          | 12.4          | 12.9          | 13.0          | 12.4          |
| 1600        | 11.5          | 12.4          | 12.3          | 12.2          | 12.9          | 13.0          | 12.4          |
| 1700        | 11.5          | 12.6          | 12.4          | 12.1          | 12.8          | 12.9          | 12.4          |
| 1800        | 11.8          | 12.6          | 12.5          | 12.0          | 13.0          | 12.8          | 12.2          |
| 1900        | 11.8          | 12.5          | 12.5          | 12.2          | 13.0          | 12.8          | 12.1          |
| 2000        | 11.7          | 12.4          | 12.4          | 12.3          | 13.0          | 12.8          | 12.0          |
| 2100        | 11.7          | 12.2          | 12.2          | 12.1          | 12.9          | 12.7          | 11.9          |
| 2200        | 11.5          | 12.0          | 12.1          | 12.1          | 12.7          | 12.6          | 11.9          |
| 2300        | 11.3          | 11.8          | 11.8          | 11.6          | 12.5          | 12.2          | 11.9          |
| <u>SUM</u>  | 260.2         | 279.3         | 282.2         | 282.8         | 290.7         | 289.8         | 269.5         |
| <u>MEAN</u> | 10.8          | 11.6          | 11.8          | 11.8          | 12.1          | 12.1          | 11.2          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Jan.22</u> | <u>Jan.23</u> | <u>Jan.24</u> | <u>Jan.25</u> | <u>Jan.26</u> | <u>Jan.27</u> | <u>Jan.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.0          | 13.3          | 13.0          | 12.4          | 11.9          | 12.7          | 11.8          |
| 0100        | 11.9          | 13.3          | 12.9          | 12.4          | 12.2          | 12.8          | 11.8          |
| 0200        | 11.7          | 13.0          | 12.6          | 12.4          | 12.4          | 12.9          | 11.9          |
| 0300        | 11.3          | 12.6          | 11.8          | 12.4          | 12.3          | 12.7          | 12.1          |
| 0400        | 10.8          | 12.1          | 11.0          | 12.2          | 12.3          | 12.6          | 12.3          |
| 0500        | 10.3          | 11.5          | 10.5          | 12.0          | 12.3          | 12.2          | 12.4          |
| 0600        | 10.1          | 11.1          | 10.4          | 11.6          | 12.1          | 12.1          | 12.3          |
| 0700        | 10.2          | 10.9          | 10.2          | 11.3          | 11.6          | 11.8          | 12.2          |
| 0800        | 10.4          | 10.9          | 10.4          | 11.0          | 11.2          | 11.5          | 11.9          |
| 0900        | 10.8          | 10.9          | 10.7          | 10.9          | 10.9          | 11.4          | 11.8          |
| 1000        | 11.1          | 11.0          | 11.2          | 10.9          | 10.9          | 11.4          | 11.8          |
| 1100        | 11.4          | 11.5          | 11.4          | 10.9          | 11.1          | 11.5          | 12.0          |
| 1200        | 12.0          | 11.8          | 12.3          | 11.2          | 11.5          | 11.6          | 12.1          |
| 1300        | 12.2          | 12.2          | 12.3          | 11.5          | 11.8          | 11.7          | 12.1          |
| 1400        | 12.7          | 12.5          | 12.2          | 11.8          | 12.2          | 11.7          | 12.2          |
| 1500        | 12.8          | 12.8          | 11.8          | 11.9          | 12.4          | 11.9          | 12.4          |
| 1600        | 12.9          | 13.0          | 11.5          | 12.1          | 12.7          | 12.1          | 12.6          |
| 1700        | 12.9          | 13.2          | 11.2          | 12.3          | 12.8          | 12.2          | 12.7          |
| 1800        | 13.0          | 13.1          | 10.9          | 12.4          | 12.8          | 12.3          | 12.5          |
| 1900        | 13.0          | 12.9          | 10.9          | 12.2          | 12.7          | 12.2          | 12.4          |
| 2000        | 12.9          | 12.9          | 11.1          | 12.1          | 12.5          | 12.1          | 12.2          |
| 2100        | 13.0          | 12.9          | 11.5          | 11.8          | 12.3          | 11.9          | 12.0          |
| 2200        | 13.1          | 12.9          | 12.0          | 11.8          | 12.3          | 11.9          | 11.8          |
| 2300        | 13.2          | 12.9          | 12.2          | 11.7          | 12.5          | 11.9          | 11.7          |
| <u>SUM</u>  | 285.3         | 295.2         | 276.0         | 283.2         | 289.7         | 289.1         | 291.0         |
| <u>MEAN</u> | 11.9          | 12.3          | 11.5          | 11.8          | 12.1          | 12.0          | 12.1          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Jan.29</u> | <u>Jan.30</u> | <u>Jan.31</u> |
|-------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |
| 0000        | 11.5          | 10.4          | 10.8          |
| 0100        | 11.5          | 11.2          | 10.6          |
| 0200        | 11.5          | 11.5          | 10.6          |
| 0300        | 11.7          | 11.4          | 10.7          |
| 0400        | 11.9          | 11.1          | 10.9          |
| 0500        | 12.1          | 11.2          | 11.2          |
| 0600        | 12.3          | 11.5          | 11.5          |
| 0700        | 12.4          | 11.5          | 11.9          |
| 0800        | 12.4          | 11.8          | 12.7          |
| 0900        | 12.5          | 12.3          | 13.3          |
| 1000        | 12.4          | 12.4          | 13.6          |
| 1100        | 12.3          | 12.5          | 13.7          |
| 1200        | 12.4          | 12.5          | 13.4          |
| 1300        | 12.3          | 12.5          | 13.0          |
| 1400        | 12.1          | 12.5          | 12.5          |
| 1500        | 12.0          | 12.4          | 12.2          |
| 1600        | 11.9          | 12.4          | 12.2          |
| 1700        | 12.2          | 12.2          | 12.7          |
| 1800        | 12.3          | 12.3          | 12.8          |
| 1900        | 12.4          | 12.3          | 12.9          |
| 2000        | 12.0          | 12.1          | 12.4          |
| 2100        | 11.7          | 11.9          | 11.5          |
| 2200        | 10.8          | 11.5          | 10.7          |
| 2300        | 10.3          | 11.2          | 10.3          |
|             |               |               |               |
| <u>SUM</u>  | 286.9         | 284.6         | 288.1         |
|             |               |               |               |
| <u>MEAN</u> | 12.0          | 11.9          | 12.0          |

MEAN FOR MONTH

11.8

# WATER LEVEL

1951

| <u>DATE</u> | <u>Feb. 1</u> | <u>Feb. 2</u> | <u>Feb. 3</u> | <u>Feb. 4</u> | <u>Feb. 5</u> | <u>Feb. 6</u> | <u>Feb. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 9.7           | 10.6          | 10.7          | 11.3          | 11.8          | 13.1          | -             |
| 0100        | 9.7           | 10.2          | 10.1          | 10.7          | 11.4          | 13.1          | -             |
| 0200        | 9.7           | 9.6           | 9.4           | 10.1          | 10.6          | 12.7          | -             |
| 0300        | 9.7           | 8.9           | 9.1           | 9.8           | 10.0          | 12.0          | -             |
| 0400        | 9.4           | 8.7           | 9.2           | 9.7           | 9.8           | 11.4          | -             |
| 0500        | 10.0          | 8.8           | 9.4           | 9.8           | 9.7           | 10.9          | -             |
| 0600        | 8.9           | 9.2           | 9.9           | 10.0          | 9.9           | 10.4          | -             |
| 0700        | 9.0           | 9.7           | 10.4          | 10.3          | 10.3          | 10.5          | -             |
| 0800        | 9.3           | 10.1          | 11.0          | 10.8          | 10.9          | 10.9          | -             |
| 0900        | 9.7           | 10.6          | 11.6          | 11.2          | 11.3          | 11.3          | -             |
| 1000        | 10.2          | 11.2          | 12.1          | 11.7          | 11.8          | 11.6          | -             |
| 1100        | 10.5          | 11.8          | 12.5          | 11.9          | 12.1          | 12.1          | -             |
| 1200        | 10.4          | 12.1          | 12.6          | 12.4          | 12.3          | 12.5          | -             |
| 1300        | 10.3          | 12.2          | 12.6          | 12.7          | 12.4          | 13.0          | -             |
| 1400        | 10.3          | 12.1          | 12.5          | 12.9          | 12.6          | 13.3          | -             |
| 1500        | 10.8          | 12.0          | 12.4          | 12.8          | 12.7          | -             | -             |
| 1600        | 11.5          | 11.8          | 12.4          | 12.8          | 12.8          | -             | -             |
| 1700        | 11.5          | 11.8          | 12.4          | 12.6          | 12.8          | -             | -             |
| 1800        | 11.2          | 12.1          | 12.4          | 12.4          | 12.5          | -             | -             |
| 1900        | 11.2          | 12.1          | 12.4          | 12.3          | 12.4          | -             | -             |
| 2000        | 11.1          | 12.1          | 12.4          | 12.3          | 12.6          | -             | -             |
| 2100        | 11.1          | 11.8          | 12.4          | 12.2          | 12.7          | -             | -             |
| 2200        | 10.9          | 11.8          | 12.4          | 12.2          | 12.9          | -             | -             |
| 2300        | 10.8          | 11.4          | 11.9          | 12.2          | 13.2          | -             | -             |
| <u>SUM</u>  | 246.9         | 262.7         | 274.2         | 277.1         | 281.5         | 178.8         | -             |
| <u>MEAN</u> | 10.3          | 10.9          | 11.4          | 11.5          | 11.7          | 11.9          | -             |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Feb. 8</u> | <u>Feb. 9</u> | <u>Feb. 10</u> | <u>Feb. 11</u> | <u>Feb. 12</u> | <u>Feb. 13</u> | <u>Feb. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | -             | -              | -              | -              | -              | -              |
| 0100        | -             | -             | -              | -              | -              | -              | -              |
| 0200        | -             | -             | -              | -              | -              | -              | -              |
| 0300        | -             | -             | -              | -              | -              | -              | -              |
| 0400        | -             | -             | -              | -              | -              | -              | -              |
| 0500        | -             | -             | -              | -              | -              | -              | -              |
| 0600        | -             | -             | -              | -              | -              | -              | -              |
| 0700        | -             | -             | -              | -              | -              | -              | -              |
| 0800        | -             | -             | -              | -              | -              | -              | -              |
| 0900        | -             | -             | -              | -              | -              | -              | -              |
| 1000        | -             | -             | -              | -              | -              | -              | -              |
| 1100        | -             | -             | -              | -              | -              | -              | -              |
| 1200        | -             | -             | -              | -              | -              | -              | -              |
| 1300        | -             | -             | -              | -              | -              | -              | -              |
| 1400        | -             | -             | -              | -              | -              | -              | -              |
| 1500        | -             | -             | -              | -              | -              | -              | -              |
| 1600        | -             | -             | -              | -              | -              | -              | -              |
| 1700        | -             | -             | -              | -              | -              | -              | -              |
| 1800        | -             | -             | -              | -              | -              | -              | -              |
| 1900        | -             | -             | -              | -              | -              | -              | -              |
| 2000        | -             | -             | -              | -              | -              | -              | -              |
| 2100        | -             | -             | -              | -              | -              | -              | -              |
| 2200        | -             | -             | -              | -              | -              | -              | -              |
| 2300        | -             | -             | -              | -              | -              | -              | -              |
| <u>SUM</u>  | -             | -             | -              | -              | -              | -              | -              |
| <u>MEAN</u> | -             | -             | -              | -              | -              | -              | -              |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Feb.15</u> | <u>Feb.16</u> | <u>Feb.17</u> | <u>Feb.18</u> | <u>Feb.19</u> | <u>Feb.20</u> | <u>Feb.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | 11.8          | 12.3          | 12.5          | 13.2          | 12.4          |
| 0100        | -             | -             | 11.5          | 12.1          | 12.3          | 13.0          | 12.1          |
| 0200        | -             | -             | 11.2          | 11.8          | 11.9          | 12.9          | 11.8          |
| 0300        | -             | -             | 10.9          | 11.2          | 11.5          | 12.5          | 11.4          |
| 0400        | -             | -             | 10.6          | 10.9          | 11.3          | 11.9          | 10.9          |
| 0500        | -             | -             | 10.2          | 10.6          | 10.9          | 11.7          | 10.6          |
| 0600        | -             | -             | 10.1          | 10.5          | 10.6          | 11.2          | 10.3          |
| 0700        | -             | -             | 10.2          | 10.8          | 10.6          | 11.0          | 10.3          |
| 0800        | -             | -             | 10.6          | 11.2          | 10.7          | 11.3          | 10.4          |
| 0900        | -             | -             | 11.2          | 11.5          | 11.0          | 11.5          | 10.8          |
| 1000        | -             | -             | 11.5          | 11.6          | 11.3          | 11.8          | 10.9          |
| 1100        | -             | -             | 12.0          | 11.9          | 11.7          | 12.1          | 11.2          |
| 1200        | -             | -             | 12.4          | 12.3          | 12.1          | 12.4          | 11.7          |
| 1300        | -             | -             | 12.6          | 12.7          | 12.4          | 12.8          | 12.1          |
| 1400        | -             | 12.1          | 12.7          | 12.8          | 12.7          | 13.0          | 12.7          |
| 1500        | -             | 12.2          | 12.7          | 12.9          | 13.0          | 13.3          | 12.9          |
| 1600        | -             | 12.3          | 12.6          | 12.7          | 13.0          | 13.6          | 12.9          |
| 1700        | -             | 12.3          | 12.5          | 12.6          | 12.9          | 13.4          | 12.9          |
| 1800        | -             | 12.3          | 12.5          | 12.7          | 12.9          | 13.1          | 12.8          |
| 1900        | -             | 12.2          | 12.6          | 12.6          | 12.9          | 12.6          | 12.5          |
| 2000        | -             | 12.1          | 12.6          | 12.7          | 12.9          | 12.3          | 12.4          |
| 2100        | -             | 12.0          | 12.7          | 12.8          | 12.9          | 12.1          | 12.4          |
| 2200        | -             | 12.0          | 12.6          | 12.7          | 12.9          | 12.4          | 12.4          |
| 2300        | -             | 11.8          | 12.4          | 12.7          | 13.0          | 12.5          | 12.4          |
| <u>SUM</u>  | -             | 121.3         | 282.7         | 288.6         | 289.9         | 297.6         | 283.2         |
| <u>MEAN</u> | -             | 12.1          | 11.8          | 12.0          | 12.1          | 12.4          | 11.8          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Feb.22</u> | <u>Feb.23</u> | <u>Feb.24</u> | <u>Feb.25</u> | <u>Feb.26</u> | <u>Feb.27</u> | <u>Feb.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.6          | -             | -             | -             | -             | -             | -             |
| 0100        | 12.6          | -             | -             | -             | -             | -             | -             |
| 0200        | 12.6          | -             | -             | -             | -             | -             | -             |
| 0300        | 12.4          | -             | -             | -             | -             | -             | -             |
| 0400        | 12.1          | -             | -             | -             | -             | -             | -             |
| 0500        | 11.6          | -             | -             | -             | -             | -             | -             |
| 0600        | 11.1          | -             | -             | -             | -             | -             | -             |
| 0700        | 10.9          | -             | -             | -             | -             | -             | -             |
| 0800        | 10.7          | -             | -             | -             | -             | -             | -             |
| 0900        | 10.9          | -             | -             | -             | -             | -             | -             |
| 1000        | 11.0          | -             | -             | -             | -             | -             | -             |
| 1100        | 11.4          | -             | -             | -             | -             | -             | -             |
| 1200        | 11.8          | -             | -             | -             | -             | -             | 13.6          |
| 1300        | -             | -             | -             | -             | -             | -             | 13.5          |
| 1400        | -             | -             | -             | -             | -             | -             | 13.4          |
| 1500        | -             | -             | -             | -             | -             | -             | 13.3          |
| 1600        | -             | -             | -             | -             | -             | -             | 13.1          |
| 1700        | -             | -             | -             | -             | -             | -             | 13.0          |
| 1800        | -             | -             | -             | -             | -             | -             | 13.0          |
| 1900        | -             | -             | -             | -             | -             | -             | 13.0          |
| 2000        | -             | -             | -             | -             | -             | -             | 12.9          |
| 2100        | -             | -             | -             | -             | -             | -             | 12.6          |
| 2200        | -             | -             | -             | -             | -             | -             | 12.2          |
| 2300        | -             | -             | -             | -             | -             | -             | 11.8          |
| <u>SUM</u>  | 151.7         | -             | -             | -             | -             | -             | 155.4         |
| <u>MEAN</u> | 11.7          | -             | -             | -             | -             | -             | 13.0          |

MEAN FOR MONTH 11.7



# WATER LEVEL

1951

| <u>DATE</u> | <u>Mar. 1</u> | <u>Mar. 2</u> | <u>Mar. 3</u> | <u>Mar. 4</u> | <u>Mar. 5</u> | <u>Mar. 6</u> | <u>Mar. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.3          | 11.4          | 11.9          | 12.1          | 12.9          | 13.1          | 12.9          |
| 0100        | 10.9          | 11.2          | 11.5          | 11.4          | 12.4          | 13.1          | 13.1          |
| 0200        | 10.6          | 11.0          | 11.1          | 11.0          | 11.8          | 12.8          | 13.0          |
| 0300        | 10.7          | 10.8          | 10.9          | 10.8          | 11.2          | 12.4          | 12.8          |
| 0400        | 10.9          | 10.9          | 10.7          | 10.7          | 10.8          | 12.1          | 12.4          |
| 0500        | 11.2          | 11.1          | 10.9          | 10.7          | 10.6          | 11.6          | 11.8          |
| 0600        | 11.6          | 11.3          | 11.2          | 11.0          | 10.8          | 11.3          | 11.4          |
| 0700        | 12.0          | 11.7          | 11.5          | 11.3          | 10.9          | 11.1          | 11.1          |
| 0800        | 12.3          | 12.2          | 11.7          | 11.6          | 11.2          | 10.9          | 11.0          |
| 0900        | 12.4          | 12.6          | 12.1          | 11.9          | 11.7          | 11.2          | 11.2          |
| 1000        | 12.7          | 13.1          | 12.7          | 12.2          | 12.0          | 11.4          | 11.5          |
| 1100        | 12.9          | 13.5          | 13.3          | 12.7          | 12.4          | 11.7          | 11.7          |
| 1200        | 13.0          | 13.6          | 13.6          | 13.1          | 12.8          | 12.1          | 11.8          |
| 1300        | 13.3          | 13.6          | 13.6          | 13.3          | 13.0          | 12.5          | 12.1          |
| 1400        | 13.3          | 13.3          | 13.6          | 13.4          | 13.1          | 12.7          | 12.4          |
| 1500        | 13.2          | 13.1          | 13.4          | 13.5          | 13.0          | 12.8          | 12.4          |
| 1600        | 13.1          | 13.0          | 13.2          | 13.3          | 13.0          | 12.7          | 12.4          |
| 1700        | 13.0          | 12.8          | 13.1          | 13.1          | 12.9          | 12.6          | 12.1          |
| 1800        | 12.9          | 12.8          | 13.3          | 13.0          | 12.7          | 12.4          | 12.0          |
| 1900        | 12.8          | 13.0          | 13.2          | 12.9          | 12.8          | 12.4          | 11.8          |
| 2000        | 12.7          | 13.0          | 13.3          | 12.8          | 12.9          | 12.5          | 11.8          |
| 2100        | 12.5          | 13.0          | 13.2          | 12.8          | 13.0          | 12.6          | 11.9          |
| 2200        | 12.2          | 13.0          | 12.9          | 13.0          | 13.1          | 12.7          | 12.1          |
| 2300        | 11.8          | 12.5          | 12.5          | 13.0          | 13.1          | 12.8          | 12.4          |
| <u>SUM</u>  | 293.3         | 297.5         | 298.4         | 294.6         | 294.1         | 293.5         | 289.1         |
| <u>MEAN</u> | 12.2          | 12.4          | 12.4          | 12.3          | 12.2          | 12.2          | 12.0          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Mar. 8</u> | <u>Mar. 9</u> | <u>Mar. 10</u> | <u>Mar. 11</u> | <u>Mar. 12</u> | <u>Mar. 13</u> | <u>Mar. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.5          | 11.8          | 12.1           | 11.8           | 11.2           | 8.6            | 9.7            |
| 0100        | 12.8          | 12.0          | 12.3           | 12.1           | 11.5           | 9.1            | 9.8            |
| 0200        | 12.9          | 12.3          | 12.4           | 12.4           | 11.6           | 9.4            | 9.8            |
| 0300        | 12.8          | 12.5          | 12.7           | 12.7           | 11.8           | 9.9            | 9.9            |
| 0400        | 12.7          | 12.6          | 12.7           | 13.0           | 11.7           | 10.3           | 10.0           |
| 0500        | 12.2          | 12.4          | 12.6           | 13.0           | 11.8           | 10.5           | 10.3           |
| 0600        | 11.8          | 12.1          | 12.3           | 12.9           | 12.1           | 11.0           | 10.7           |
| 0700        | 11.5          | 11.6          | 12.0           | 12.7           | 12.3           | 11.1           | 11.0           |
| 0800        | 11.1          | 11.4          | 11.8           | 12.4           | 12.3           | 11.1           | 11.2           |
| 0900        | 10.9          | 11.3          | 11.8           | 12.4           | 10.8           | 11.1           | 11.5           |
| 1000        | 11.0          | 11.4          | 11.9           | 12.3           | 10.0           | 11.0           | 11.8           |
| 1100        | 11.2          | 11.8          | 12.1           | 12.4           | 10.0           | 11.1           | 11.7           |
| 1200        | 11.6          | 12.0          | 12.2           | 12.4           | 10.9           | 11.2           | 11.8           |
| 1300        | 11.9          | 12.1          | 12.2           | 12.5           | 11.8           | 11.5           | 11.9           |
| 1400        | 12.1          | 12.1          | 12.3           | 12.4           | 11.5           | 11.6           | 11.8           |
| 1500        | 12.2          | 12.0          | 12.2           | 12.4           | 11.2           | 11.7           | 11.8           |
| 1600        | 12.1          | 11.8          | 12.0           | 12.3           | 11.2           | 11.5           | 11.6           |
| 1700        | 12.0          | 11.5          | 11.8           | 12.1           | 10.6           | 11.3           | 11.5           |
| 1800        | 11.7          | 11.3          | 11.6           | 11.8           | 10.1           | 10.9           | 11.3           |
| 1900        | 11.5          | 11.2          | 11.5           | 11.5           | 9.4            | 10.6           | 11.2           |
| 2000        | 11.4          | 11.2          | 11.4           | 11.3           | 9.3            | 10.2           | 10.9           |
| 2100        | 11.5          | 11.2          | 11.4           | 11.0           | 9.2            | 10.0           | 10.7           |
| 2200        | 11.5          | 11.5          | 11.5           | 10.9           | 9.0            | 9.9            | 10.5           |
| 2300        | 11.6          | 11.8          | 11.7           | 11.0           | 8.7            | 9.7            | 10.3           |
| <u>SUM</u>  | 284.5         | 282.9         | 288.5          | 291.7          | 260.0          | 254.3          | 262.7          |
| <u>MEAN</u> | 11.8          | 11.8          | 12.0           | 12.2           | 10.8           | 10.6           | 10.9           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Mar.15</u> | <u>Mar.16</u> | <u>Mar.17</u> | <u>Mar.18</u> | <u>Mar.19</u> | <u>Mar.20</u> | <u>Mar.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 10.2          | 10.7          | 11.3          | 12.5          | 12.2          | 12.0          | 13.3          |
| 0100        | 10.0          | 10.5          | 11.2          | 12.2          | 11.8          | 11.8          | 13.0          |
| 0200        | 9.8           | 10.4          | 11.2          | 12.0          | 10.9          | 11.3          | 12.5          |
| 0300        | 9.7           | 10.3          | 11.2          | 11.5          | 10.6          | 11.2          | 12.1          |
| 0400        | 9.8           | 10.3          | 11.3          | 11.4          | 10.5          | 10.9          | 11.7          |
| 0500        | 10.1          | 10.6          | 11.5          | 11.5          | 9.9           | 10.7          | 11.5          |
| 0600        | 10.4          | 10.7          | 11.7          | 11.7          | 10.3          | 10.9          | 11.3          |
| 0700        | 10.8          | 11.2          | 11.9          | 12.0          | 10.6          | 11.2          | 11.6          |
| 0800        | 11.1          | 11.5          | 12.2          | 12.2          | 10.6          | 11.5          | 11.9          |
| 0900        | 11.6          | 11.8          | 12.4          | 12.7          | 10.6          | 11.9          | 12.1          |
| 1000        | 11.8          | 12.1          | 12.8          | 12.8          | 10.6          | 12.5          | 12.2          |
| 1100        | 11.9          | 12.2          | 13.1          | 13.1          | 11.6          | 13.0          | 12.3          |
| 1200        | 12.1          | 12.3          | 13.4          | 13.2          | 12.2          | 13.1          | 12.5          |
| 1300        | 12.1          | 12.4          | 13.5          | 13.1          | 12.4          | 13.3          | 12.5          |
| 1400        | 12.1          | 12.3          | 13.3          | 12.7          | 12.2          | 13.5          | 12.6          |
| 1500        | 11.9          | 12.3          | 13.3          | 12.4          | 12.1          | 13.3          | 12.6          |
| 1600        | 11.8          | 12.2          | 13.2          | 12.5          | 11.8          | 13.1          | 12.5          |
| 1700        | 11.8          | 12.3          | 13.1          | 12.6          | 11.7          | 12.8          | 12.4          |
| 1800        | 11.8          | 12.3          | 13.0          | 12.7          | 11.8          | 12.9          | 12.1          |
| 1900        | 11.8          | 12.1          | 12.8          | 12.3          | 12.0          | 12.9          | 12.0          |
| 2000        | 11.6          | 12.1          | 12.6          | 11.7          | 12.3          | 13.0          | 12.1          |
| 2100        | 11.5          | 11.9          | 12.5          | 11.3          | 12.2          | 13.0          | 2.1           |
| 2200        | 11.3          | 11.7          | 12.5          | 11.8          | 12.4          | 13.3          | 12.2          |
| 2300        | 11.0          | 11.5          | 12.5          | 12.6          | 12.5          | 13.3          | 12.3          |
| <u>SUM</u>  | 268.0         | 277.7         | 297.5         | 294.5         | 275.8         | 296.4         | 293.4         |
| <u>MEAN</u> | 11.2          | 11.6          | 12.4          | 12.3          | 11.5          | 12.4          | 12.2          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Mar.22</u> | <u>Mar.23</u> | <u>Mar.24</u> | <u>Mar.25</u> | <u>Mar.26</u> | <u>Mar.27</u> | <u>Mar.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.5          | 12.7          | 12.3          | 11.7          | 11.6          | 11.6          | 11.9          |
| 0100        | 12.5          | 13.0          | 12.6          | 12.1          | 11.8          | 11.8          | 11.9          |
| 0200        | 12.5          | 13.2          | 12.9          | 12.4          | 12.1          | 12.1          | 12.3          |
| 0300        | 12.3          | 13.2          | 13.1          | 12.7          | 12.5          | 12.4          | 12.6          |
| 0400        | 12.2          | 13.0          | 13.1          | 12.7          | 12.9          | 12.8          | 13.0          |
| 0500        | 11.9          | 12.7          | 12.9          | 12.7          | 13.1          | 13.3          | 13.3          |
| 0600        | 11.7          | 12.4          | 12.7          | 12.4          | 13.2          | 13.6          | 13.4          |
| 0700        | 11.6          | 12.1          | 12.4          | 12.4          | 13.3          | 13.8          | 13.6          |
| 0800        | 11.6          | 12.1          | 12.1          | 12.4          | 13.4          | 14.0          | 13.8          |
| 0900        | 11.9          | 12.1          | 11.7          | 12.5          | 13.5          | 14.1          | 13.9          |
| 1000        | 11.9          | 12.1          | 11.6          | 12.7          | 13.5          | 14.1          | 13.9          |
| 1100        | 12.1          | 12.1          | 11.3          | 12.9          | 13.3          | 14.0          | 13.9          |
| 1200        | 12.3          | 12.2          | 11.6          | 12.9          | 13.1          | 14.0          | 14.5          |
| 1300        | 12.4          | 12.2          | 12.1          | 13.1          | 13.0          | 13.6          | 14.7          |
| 1400        | 12.5          | 12.6          | 12.7          | 13.3          | 13.0          | 13.6          | 14.2          |
| 1500        | 12.6          | 12.8          | 13.1          | 13.4          | 13.0          | 13.7          | 13.9          |
| 1600        | 12.4          | 12.7          | 13.5          | 13.3          | 13.2          | 13.8          | 13.5          |
| 1700        | 12.2          | 12.4          | 13.1          | 13.1          | 13.1          | 13.8          | 13.3          |
| 1800        | 11.9          | 12.0          | 12.3          | 12.7          | 12.8          | 13.8          | 13.2          |
| 1900        | 11.8          | 11.4          | 11.3          | 12.1          | 12.3          | 13.5          | 13.0          |
| 2000        | 12.0          | 11.2          | 10.6          | 11.7          | 11.9          | 13.3          | 13.0          |
| 2100        | 12.1          | 11.3          | 10.4          | 11.3          | 11.6          | 12.6          | 12.5          |
| 2200        | 12.3          | 11.8          | 10.8          | 11.2          | 11.5          | 12.0          | 12.0          |
| 2300        | 12.5          | 12.1          | 11.3          | 11.4          | 11.5          | 11.8          | 12.0          |
| <u>SUM</u>  | 291.7         | 295.4         | 291.3         | 299.1         | 301.5         | 317.1         | 317.6         |
| <u>MEAN</u> | 12.2          | 12.3          | 12.1          | 12.5          | 12.6          | 13.2          | 13.2          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Mar.29</u> | <u>Mar.30</u> | <u>Mar.31</u> |
|-------------|---------------|---------------|---------------|
|-------------|---------------|---------------|---------------|

TIME

|      |        |      |   |
|------|--------|------|---|
| 0000 | 12.1   | 10.2 | - |
| 0100 | 11.8   | 9.8  | - |
| 0200 | (11.9) | 9.7  | - |
| 0300 | (12.2) | 9.9  | - |
| 0400 | (12.8) | 10.5 | - |
| 0500 | 13.3   | 11.3 | - |
| 0600 | 13.3   | 11.8 | - |
| 0700 | 13.5   | 12.4 | - |
| 0800 | 13.4   | 12.8 | - |
| 0900 | 12.7   | 13.0 | - |
| 1000 | 12.7   | -    | - |
| 1100 | 13.3   | -    | - |
| 1200 | 13.5   | -    | - |
| 1300 | 13.4   | -    | - |
| 1400 | 12.5   | -    | - |
| 1500 | 12.2   | -    | - |
| 1600 | 12.1   | -    | - |
| 1700 | 12.5   | -    | - |
| 1800 | 12.5   | -    | - |
| 1900 | 11.9   | -    | - |
| 2000 | 11.3   | -    | - |
| 2100 | 11.0   | -    | - |
| 2200 | 10.8   | -    | - |
| 2300 | 10.5   | -    | - |

MEAN FOR MONTH

12.1

|            |       |       |   |
|------------|-------|-------|---|
| <u>SUM</u> | 297.2 | 111.4 | - |
|------------|-------|-------|---|

|             |      |      |   |
|-------------|------|------|---|
| <u>MEAN</u> | 12.4 | 11.1 | - |
|-------------|------|------|---|

# WATER LEVEL

1951

| <u>DATE</u> | <u>Apr. 1</u> | <u>Apr. 2</u> | <u>Apr. 3</u> | <u>Apr. 4</u> | <u>Apr. 5</u> | <u>Apr. 6</u> | <u>Apr. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | 12.5          | 12.7          |
| 0100        | -             | -             | -             | -             | -             | 13.0          | 13.0          |
| 0200        | -             | -             | -             | -             | -             | 13.2          | 13.0          |
| 0300        | -             | -             | -             | -             | -             | 13.3          | 13.3          |
| 0400        | -             | -             | -             | -             | -             | 13.3          | 13.5          |
| 0500        | -             | -             | -             | -             | -             | 13.0          | 13.6          |
| 0600        | -             | -             | -             | -             | -             | 12.8          | 12.9          |
| 0700        | -             | -             | -             | -             | -             | 12.6          | 12.6          |
| 0800        | -             | -             | -             | -             | -             | 12.6          | 12.3          |
| 0900        | -             | -             | -             | -             | -             | 12.6          | 12.4          |
| 1000        | -             | -             | -             | -             | -             | 12.7          | 13.1          |
| 1100        | -             | -             | -             | -             | -             | 12.7          | 13.6          |
| 1200        | -             | -             | -             | -             | -             | 12.8          | 13.4          |
| 1300        | -             | -             | -             | -             | -             | 12.9          | 13.5          |
| 1400        | -             | -             | -             | -             | -             | 12.9          | 12.9          |
| 1500        | -             | -             | -             | -             | -             | 12.6          | 12.2          |
| 1600        | -             | -             | -             | -             | -             | 12.4          | 11.8          |
| 1700        | -             | -             | -             | -             | 12.1          | 12.1          | 11.5          |
| 1800        | -             | -             | -             | -             | 11.8          | 11.6          | 11.5          |
| 1900        | -             | -             | -             | -             | 11.5          | 11.5          | 11.4          |
| 2000        | -             | -             | -             | -             | 11.6          | 11.8          | 11.1          |
| 2100        | -             | -             | -             | -             | 11.8          | 12.0          | 10.7          |
| 2200        | -             | -             | -             | -             | 12.1          | 12.3          | 10.4          |
| 2300        | -             | -             | -             | -             | 12.1          | 12.4          | 10.5          |
| <u>SUM</u>  | -             | -             | -             | -             | 83.0          | 301.6         | 296.9         |
| <u>MEAN</u> | -             | -             | -             | -             | 11.8          | 12.6          | 12.4          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Apr. 8</u> | <u>Apr. 9</u> | <u>Apr. 10</u> | <u>Apr. 11</u> | <u>Apr. 12</u> | <u>Apr. 13</u> | <u>Apr. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 10.7          | 11.5          | 11.3           | 11.3           | 10.2           | 9.6            | 10.1           |
| 0100        | 11.1          | 11.9          | 11.4           | 11.6           | 9.8            | 9.6            | 9.8            |
| 0200        | 11.7          | 12.2          | 11.9           | 11.9           | 9.2            | 9.8            | 9.7            |
| 0300        | 12.1          | 12.5          | 12.3           | 12.2           | 9.5            | 10.1           | 10.0           |
| 0400        | 12.5          | 12.8          | 12.7           | 12.4           | 10.1           | 10.3           | 10.5           |
| 0500        | 13.0          | 13.0          | 12.4           | 12.7           | 10.9           | 10.6           | 10.8           |
| 0600        | 12.8          | 13.0          | 13.1           | 13.0           | 11.9           | 10.9           | 11.1           |
| 0700        | 12.8          | 13.0          | 12.9           | 13.1           | 12.5           | 11.5           | 11.3           |
| 0800        | 12.7          | 12.9          | 12.7           | 13.2           | 12.4           | 11.8           | 11.5           |
| 0900        | 12.6          | 12.8          | 12.7           | 13.1           | 12.2           | 11.9           | 11.7           |
| 1000        | 12.4          | 12.8          | 12.4           | 13.0           | 11.3           | 12.1           | 11.9           |
| 1100        | 12.5          | 12.8          | 12.1           | 12.9           | 11.0           | 12.0           | 12.0           |
| 1200        | 12.7          | 12.7          | 12.0           | 13.5           | 11.1           | 12.0           | 12.0           |
| 1300        | 12.7          | 12.7          | 12.8           | 13.0           | 11.5           | 11.8           | 12.1           |
| 1400        | 12.8          | 12.5          | 13.0           | 12.3           | 12.1           | 11.7           | 12.0           |
| 1500        | 12.8          | 12.4          | 12.8           | 11.9           | 12.4           | 11.6           | 11.8           |
| 1600        | 12.7          | 12.3          | 12.3           | 11.5           | 12.4           | 11.6           | 11.6           |
| 1700        | 12.5          | 12.1          | 11.7           | 10.9           | (12.3)         | 11.6           | 11.6           |
| 1800        | 12.0          | 11.8          | 11.5           | 10.5           | (11.6)         | 11.5           | 11.5           |
| 1900        | 11.5          | 11.5          | 11.3           | 10.8           | 10.9           | 11.2           | 11.5           |
| 2000        | 11.2          | 11.2          | 11.3           | 10.9           | 10.7           | 11.0           | 11.5           |
| 2100        | 10.9          | 10.9          | 11.1           | 11.5           | 10.5           | 10.9           | 11.5           |
| 2200        | 11.0          | 10.8          | 11.0           | 11.4           | 10.2           | 10.6           | 11.4           |
| 2300        | 11.3          | 11.0          | 11.1           | 10.9           | 9.8            | 10.5           | 11.3           |
| <u>SUM</u>  | 291.0         | 293.1         | 289.8          | 289.5          | 266.5          | 266.2          | 270.2          |
| <u>MEAN</u> | 12.1          | 12.2          | 12.1           | 12.1           | 11.1           | 11.1           | 11.2           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Apr.15</u> | <u>Apr.16</u> | <u>Apr.17</u> | <u>Apr.18</u> | <u>Apr.19</u> | <u>Apr.20</u> | <u>Apr.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.0          | 11.5          | -             | 13.0          | 12.9          | 12.5          | 12.6          |
| 0100        | 11.0          | 11.4          | -             | 12.8          | 12.9          | 12.7          | 13.0          |
| 0200        | 11.0          | 11.2          | -             | 12.6          | 12.6          | 12.7          | 13.2          |
| 0300        | 11.0          | 11.1          | -             | 12.3          | 12.4          | 12.6          | 13.2          |
| 0400        | 11.1          | 11.2          | -             | 12.0          | 12.2          | 12.3          | 13.3          |
| 0500        | 11.1          | 11.5          | -             | 11.8          | 12.1          | 12.2          | 13.3          |
| 0600        | 11.2          | 11.5          | -             | 11.9          | 12.1          | 12.0          | 13.2          |
| 0700        | 11.3          | 12.1          | -             | 12.0          | 12.1          | 11.9          | 13.2          |
| 0800        | 11.8          | 11.7          | -             | 12.3          | 12.2          | 11.8          | 13.3          |
| 0900        | 12.1          | 11.2          | -             | 12.5          | 12.3          | 12.0          | 13.0          |
| 1000        | 12.5          | 10.6          | -             | 12.8          | 12.4          | 12.1          | 13.0          |
| 1100        | 12.7          | 10.2          | 13.0          | 13.0          | 12.4          | 12.3          | 12.7          |
| 1200        | 12.6          | 10.2          | 13.0          | 13.1          | 12.4          | 12.6          | 12.6          |
| 1300        | 12.4          | 11.2          | 13.0          | 13.0          | 12.4          | 12.7          | 12.6          |
| 1400        | 12.2          | 12.1          | 13.0          | 12.7          | 12.4          | 12.4          | 12.7          |
| 1500        | 11.9          | 13.2          | 12.7          | 12.4          | 12.2          | 12.2          | 12.6          |
| 1600        | 11.8          | 13.7          | 12.5          | 12.2          | 11.9          | 11.9          | 12.4          |
| 1700        | 11.9          | 13.4          | 12.4          | 12.0          | 11.5          | 11.5          | 11.8          |
| 1800        | 11.9          | 12.4          | 12.4          | 12.1          | 11.2          | 11.2          | 11.3          |
| 1900        | 11.9          | 11.6          | 12.4          | 12.3          | 11.1          | 11.1          | 10.9          |
| 2000        | 11.9          | 11.3          | 12.7          | 12.4          | 11.5          | 11.1          | 10.9          |
| 2100        | 12.0          | -             | 12.9          | 12.5          | 11.6          | 11.5          | 11.2          |
| 2200        | 12.0          | -             | 13.0          | 12.7          | 12.0          | 11.9          | 11.7          |
| 2300        | 11.9          | -             | 13.0          | 12.9          | 12.3          | 12.2          | 11.8          |
| <u>SUM</u>  | 282.2         | 244.3         | 166.0         | 299.3         | 291.1         | 289.4         | 299.5         |
| <u>MEAN</u> | 11.8          | 11            | 12.8          | 12.5          | 12.1          | 12.1          | 12.5          |



# WATER LEVEL

1951

| <u>DATE</u> | <u>Apr.22</u> | <u>Apr.23</u> | <u>Apr.24</u> | <u>Apr.25</u> | <u>Apr.26</u> | <u>Apr.27</u> | <u>Apr.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.9          | 10.3          | 11.2          | 11.0          | 10.8          | 10.6          | 11.0          |
| 0100        | 12.3          | 10.6          | 11.5          | 11.4          | 10.9          | 10.6          | 10.9          |
| 0200        | 12.6          | 11.5          | 12.1          | 11.9          | 11.2          | 10.9          | 10.9          |
| 0300        | 12.9          | 12.0          | 12.4          | 12.2          | 11.5          | 11.2          | 11.0          |
| 0400        | 13.1          | 12.7          | 13.0          | 12.6          | 11.8          | 11.5          | 11.2          |
| 0500        | 13.1          | 12.9          | 13.1          | 12.8          | 12.2          | 11.8          | 11.3          |
| 0600        | 13.0          | 13.0          | 13.1          | 13.2          | 12.7          | 12.1          | 11.5          |
| 0700        | 12.7          | 13.0          | 13.1          | 13.4          | 13.0          | 12.4          | 11.9          |
| 0800        | 12.4          | 12.8          | 13.1          | 13.5          | 13.2          | 12.8          | 12.1          |
| 0900        | 12.2          | 12.4          | 13.0          | 13.6          | 13.4          | 12.9          | 12.3          |
| 1000        | 12.2          | 12.4          | 12.8          | 13.6          | 13.4          | 13.0          | 12.6          |
| 1100        | 12.2          | 12.4          | 12.8          | 13.6          | 13.4          | 13.0          | 12.7          |
| 1200        | 12.3          | 12.5          | 12.6          | 13.6          | 13.3          | 13.0          | 12.9          |
| 1300        | 12.4          | 12.7          | 12.6          | 13.5          | 13.2          | 13.0          | 13.0          |
| 1400        | 12.5          | 12.6          | 12.6          | 13.4          | 13.1          | 12.9          | 12.9          |
| 1500        | 12.2          | 12.4          | 12.6          | 12.9          | 12.9          | 12.8          | 12.7          |
| 1600        | 11.9          | 12.0          | 12.4          | 12.6          | 12.7          | 12.7          | 12.5          |
| 1700        | 11.5          | 11.5          | 11.9          | 12.4          | 12.4          | 12.8          | 12.5          |
| 1800        | 10.9          | 10.8          | 11.5          | 12.1          | 12.4          | 12.7          | 12.5          |
| 1900        | 10.6          | 10.4          | 10.9          | 11.8          | 12.2          | 12.4          | 12.5          |
| 2000        | 10.2          | 10.2          | 10.5          | 11.6          | 11.9          | 12.3          | 12.5          |
| 2100        | 10.1          | 10.2          | 10.3          | 11.2          | 11.4          | 11.9          | 12.3          |
| 2200        | 10.2          | 10.4          | 10.4          | 10.8          | 10.9          | 11.5          | 12.1          |
| 2300        | 10.2          | 10.7          | 10.7          | 10.7          | 10.7          | 11.2          | 11.9          |
| <u>SUM</u>  | 285.6         | 282.6         | 290.2         | 299.4         | 294.6         | 292.0         | 289.7         |
| <u>MEAN</u> | 11.9          | 11.8          | 12.1          | 12.5          | 12.3          | 12.2          | 12.1          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Apr.29</u> | <u>Apr.30</u> |
|-------------|---------------|---------------|
| <u>TIME</u> |               |               |
| 0000        | 11.6          | 12.5          |
| 0100        | 11.4          | 12.2          |
| 0200        | 11.2          | 11.8          |
| 0300        | 11.1          | 11.8          |
| 0400        | 11.2          | 11.7          |
| 0500        | 11.3          | 11.7          |
| 0600        | 11.5          | 11.7          |
| 0700        | 11.8          | 11.8          |
| 0800        | 12.0          | 12.2          |
| 0900        | 12.3          | 12.5          |
| 1000        | 12.6          | 12.8          |
| 1100        | 13.0          | 13.0          |
| 1200        | 13.1          | 13.2          |
| 1300        | 13.2          | 13.2          |
| 1400        | 13.1          | 13.0          |
| 1500        | 12.9          | 12.7          |
| 1600        | 12.7          | 12.5          |
| 1700        | 12.5          | 12.6          |
| 1800        | 12.5          | 12.7          |
| 1900        | 12.6          | 12.5          |
| 2000        | 12.7          | 12.6          |
| 2100        | 12.7          | 12.7          |
| 2200        | 12.7          | 12.8          |
| 2300        | 12.6          | 13.0          |
|             |               |               |
| <u>SUM</u>  | 294.3         | 299.2         |
|             |               |               |
| <u>MEAN</u> | 12.3          | 12.5          |

MEAN FOR MONTH

12.1

# WATER LEVEL

1951

| <u>DATE</u> | <u>May 1</u> | <u>May 2</u> | <u>May 3</u> | <u>May 4</u> | <u>May 5</u> | <u>May 6</u> | <u>May 7</u> |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <u>TIME</u> |              |              |              |              |              |              |              |
| 0000        | 13.2         | 13.0         | 12.7         | 12.4         | 11.5         | 11.7         | 12.0         |
| 0100        | (13.3)       | 13.1         | 12.9         | 12.7         | 12.0         | 12.1         | 12.1         |
| 0200        | (13.2)       | 13.0         | 12.7         | 12.8         | 12.2         | 12.4         | 12.3         |
| 0300        | 12.6         | 12.8         | 12.6         | 12.8         | 12.4         | 12.7         | 12.5         |
| 0400        | 12.5         | 12.6         | 12.4         | 12.9         | 12.2         | 12.6         | 12.6         |
| 0500        | 12.6         | 12.4         | 12.3         | 12.8         | 12.1         | 12.4         | 12.5         |
| 0600        | 12.8         | 12.3         | 12.3         | 12.4         | 11.8         | 12.2         | 12.4         |
| 0700        | 12.9         | 12.2         | 12.4         | 11.9         | 11.7         | 12.0         | 12.4         |
| 0800        | 13.0         | 12.2         | 12.6         | 11.8         | 11.7         | 12.1         | 12.3         |
| 0900        | 13.0         | 12.2         | 12.6         | 11.7         | 11.7         | 12.2         | 12.2         |
| 1000        | 12.7         | 12.4         | 12.6         | 11.7         | 11.8         | 12.4         | 12.2         |
| 1100        | 12.8         | 12.6         | 12.4         | 12.0         | 11.9         | 12.4         | 12.2         |
| 1200        | 13.1         | 12.7         | 12.1         | 12.1         | 12.0         | 12.5         | 12.2         |
| 1300        | 13.0         | 12.7         | 12.0         | 12.1         | 12.0         | 12.3         | 12.2         |
| 1400        | 12.7         | 12.4         | 12.1         | 11.8         | 11.8         | 12.1         | 12.3         |
| 1500        | 12.5         | 12.1         | 12.1         | 11.4         | 11.6         | 11.7         | 12.3         |
| 1600        | 12.4         | 11.8         | 11.6         | 10.9         | 11.4         | 11.2         | 12.1         |
| 1700        | 12.2         | 11.5         | 11.3         | 10.7         | 10.9         | 10.9         | 11.6         |
| 1800        | 12.2         | 11.6         | 11.0         | 10.6         | 10.6         | 10.7         | 10.9         |
| 1900        | 12.3         | 11.7         | 11.0         | 10.6         | 10.5         | 10.8         | 10.6         |
| 2000        | 12.3         | 11.9         | 11.2         | 10.5         | 10.5         | 10.9         | 10.7         |
| 2100        | 12.4         | 12.1         | 11.5         | 10.5         | 10.5         | 11.2         | 10.7         |
| 2200        | 12.8         | 12.4         | 11.9         | 10.6         | 10.8         | 11.5         | 10.7         |
| 2300        | 12.9         | 12.5         | 12.2         | 11.1         | 11.4         | 11.7         | 10.9         |
| <u>SUM</u>  | 305.4        | 296.2        | 290.5        | 280.8        | 277.0        | 284.7        | 284.9        |
| <u>MEAN</u> | 12.7         | 12.3         | 12.1         | 11.7         | 11.5         | 11.9         | 11.9         |

# WATER LEVEL

1951

| <u>DATE</u> | <u>May 8</u> | <u>May 9</u> | <u>May 10</u> | <u>May 11</u> | <u>May 12</u> | <u>May 13</u> | <u>May 14</u> |
|-------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |              |              |               |               |               |               |               |
| 0000        | 11.6         | 12.0         | 11.6          | 11.4          | 11.2          | 11.2          | 11.7          |
| 0100        | 12.1         | 12.1         | 11.8          | 11.7          | 11.3          | 11.2          | 11.8          |
| 0200        | 12.2         | 12.4         | 12.1          | 11.8          | 11.2          | 11.3          | 11.8          |
| 0300        | 12.5         | 12.7         | 12.6          | 12.0          | 11.0          | 11.5          | 11.8          |
| 0400        | 12.7         | 12.8         | 12.8          | 12.3          | 11.4          | 11.6          | 11.9          |
| 0500        | 13.0         | 13.0         | 12.9          | 12.4          | 11.7          | 11.9          | 12.1          |
| 0600        | 13.2         | 13.2         | 13.0          | 12.4          | 11.8          | 12.2          | 12.2          |
| 0700        | 13.1         | 13.2         | 13.0          | 12.7          | 11.8          | 12.4          | 12.4          |
| 0800        | 12.7         | 13.2         | 13.0          | 12.8          | 12.7          | 12.7          | 12.7          |
| 0900        | 12.7         | 13.3         | 12.9          | 12.4          | 13.0          | 12.9          | 13.0          |
| 1000        | 12.8         | 13.1         | 13.2          | 12.6          | 13.1          | 12.9          | 13.0          |
| 1100        | 12.8         | 13.0         | 13.0          | 11.8          | 13.0          | 12.9          | 13.1          |
| 1200        | 12.9         | 12.8         | 12.5          | 12.1          | 13.0          | 12.7          | 13.0          |
| 1300        | 13.0         | 12.7         | 12.2          | 12.9          | 12.8          | 12.7          | 13.0          |
| 1400        | 12.7         | 12.5         | 12.0          | 13.4          | 12.6          | 12.7          | 12.8          |
| 1500        | 12.6         | 12.4         | 12.4          | 12.9          | 12.7          | 12.6          | 12.7          |
| 1600        | 12.4         | 12.2         | 12.5          | 12.5          | 12.4          | 12.5          | 12.6          |
| 1700        | 12.1         | 11.9         | 12.4          | 11.7          | 12.3          | 12.6          | 12.6          |
| 1800        | 11.8         | 11.6         | 12.3          | 11.5          | 12.4          | 12.6          | 12.5          |
| 1900        | 11.7         | 11.3         | 11.8          | 11.0          | 12.4          | 12.6          | 12.5          |
| 2000        | 11.6         | 11.2         | 11.3          | 10.9          | 12.2          | 12.4          | 12.5          |
| 2100        | 12.1         | 11.2         | 10.6          | 11.4          | 12.0          | 12.1          | 12.5          |
| 2200        | 11.7         | 11.2         | 10.4          | 11.3          | 11.6          | 11.9          | 12.4          |
| 2300        | 11.8         | 11.3         | 10.8          | 11.2          | 11.4          | 11.7          | 12.4          |
|             |              |              |               |               |               |               |               |
| <u>SUM</u>  | 297.8        | 296.3        | 293.1         | 289.1         | 291.0         | 292.8         | 299.0         |
| <u>MEAN</u> | 12.4         | 12.3         | 12.2          | 12.0          | 12.1          | 12.2          | 12.5          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>May 15</u> | <u>May 16</u> | <u>May 17</u> | <u>May 18</u> | <u>May 19</u> | <u>May 20</u> | <u>May 21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.3          | 12.7          | 12.4          | 12.5          | 12.9          | 13.3          | 13.3          |
| 0100        | 12.2          | 12.7          | 12.3          | 12.3          | 12.8          | 13.2          | 13.3          |
| 0200        | 12.2          | 12.5          | 12.4          | 12.1          | 12.7          | 13.1          | 13.3          |
| 0300        | 12.2          | 12.4          | 12.3          | 12.1          | 12.5          | 12.9          | 13.2          |
| 0400        | 12.1          | 12.2          | 12.4          | 12.1          | 12.4          | 12.7          | 13.0          |
| 0500        | 12.1          | 12.2          | 12.5          | 12.1          | 12.3          | 12.7          | 12.9          |
| 0600        | 12.3          | 12.4          | 12.6          | 12.2          | 12.5          | 12.7          | 12.8          |
| 0700        | 12.4          | 12.4          | 12.7          | 12.4          | 12.7          | 12.7          | 12.8          |
| 0800        | 12.6          | 12.6          | 12.7          | 12.5          | 12.6          | 12.6          | 12.8          |
| 0900        | 12.9          | 12.7          | 12.6          | 12.5          | 12.5          | 12.5          | 12.7          |
| 1000        | 13.0          | 12.7          | 12.4          | 12.2          | 12.3          | 12.3          | 12.6          |
| 1100        | 13.3          | 12.7          | 12.2          | 11.7          | 11.9          | 11.9          | 12.4          |
| 1200        | 13.3          | 12.8          | 11.9          | 11.3          | 11.3          | 11.5          | 11.9          |
| 1300        | 13.3          | 12.6          | 11.6          | 10.8          | 10.8          | 10.9          | 11.4          |
| 1400        | 13.1          | 12.0          | 11.3          | 10.7          | 10.5          | 10.4          | 10.7          |
| 1500        | 12.7          | 11.6          | 11.3          | 10.7          | 10.3          | 10.1          | 10.2          |
| 1600        | 12.5          | 11.6          | 11.5          | 10.9          | 10.5          | 10.1          | 9.7           |
| 1700        | 12.3          | 11.8          | 11.9          | 11.3          | 10.8          | 10.2          | 9.7           |
| 1800        | 12.4          | 12.2          | 12.2          | 11.6          | 11.3          | 10.6          | 10.0          |
| 1900        | 12.6          | 12.4          | 12.4          | 11.9          | 11.7          | 11.1          | 10.4          |
| 2000        | 12.8          | 12.5          | 12.4          | 12.3          | 12.2          | 11.5          | 10.9          |
| 2100        | 12.9          | 12.5          | 12.6          | 12.6          | 12.6          | 12.0          | 11.5          |
| 2200        | 12.9          | 12.4          | 12.7          | 12.9          | 12.9          | 12.6          | 12.0          |
| 2300        | 12.9          | 12.4          | 12.7          | 12.9          | 13.2          | 13.0          | 12.5          |
| <u>SUM</u>  | 303.3         | 297.0         | 294.0         | 286.6         | 282.2         | 286.6         | 286.0         |
| <u>MEAN</u> | 12.6          | 12.4          | 12.2          | 11.9          | 12.0          | 11.9          | 11.9          |

## WATER LEVEL

1951

| <u>DATE</u> | <u>May 22</u> | <u>May 23</u> | <u>May 24</u> | <u>May 25</u> | <u>May 26</u> | <u>May 27</u> | <u>May 28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.9          | 12.2          | 10.1          | 10.9          | 11.2          | 10.8          | 11.8          |
| 0100        | 13.1          | 12.5          | 10.6          | 11.3          | 11.3          | 10.7          | 11.6          |
| 0200        | 13.2          | 12.9          | 11.0          | 11.8          | 11.5          | 11.0          | 11.5          |
| 0300        | 13.1          | 13.0          | 12.0          | 12.2          | 11.8          | 11.2          | 11.7          |
| 0400        | 13.1          | 13.1          | 12.6          | 12.4          | 12.1          | 11.5          | 11.8          |
| 0500        | 13.0          | 13.1          | 13.1          | 12.7          | 12.4          | 11.7          | 11.9          |
| 0600        | 12.9          | 13.0          | 13.3          | 12.8          | 12.9          | 12.1          | 12.0          |
| 0700        | 12.9          | 12.9          | 13.4          | 13.0          | 13.1          | 12.5          | 12.1          |
| 0800        | 13.0          | 12.7          | 13.4          | 13.5          | 13.3          | 12.7          | 12.4          |
| 0900        | 12.9          | 12.4          | 13.5          | 13.6          | 13.3          | 12.9          | 12.6          |
| 1000        | 12.9          | 12.2          | 13.5          | 13.6          | 13.3          | 12.8          | 12.7          |
| 1100        | 12.9          | 12.0          | 13.5          | 13.4          | 13.2          | 12.6          | 12.7          |
| 1200        | 12.5          | 12.0          | 13.5          | 13.2          | 12.9          | 12.3          | 12.6          |
| 1300        | 11.9          | 12.0          | 13.6          | 13.2          | 12.8          | 12.2          | 12.5          |
| 1400        | 11.3          | (12.1)        | 13.6          | 13.1          | 12.7          | 12.1          | 12.3          |
| 1500        | 10.6          | (11.8)        | 13.4          | 13.1          | 12.6          | 12.1          | 12.1          |
| 1600        | 10.1          | (11.5)        | 13.1          | 13.0          | 12.6          | 12.2          | 11.9          |
| 1700        | 9.8           | (11.1)        | 12.7          | 12.6          | 12.6          | 12.3          | 11.8          |
| 1800        | 9.8           | 10.7          | 12.3          | 13.0          | 12.5          | 12.3          | 11.8          |
| 1900        | 10.1          | 10.1          | 11.5          | 12.8          | 12.3          | 12.4          | 11.8          |
| 2000        | 10.6          | 9.7           | 11.2          | 11.7          | 12.2          | 12.4          | 12.1          |
| 2100        | 11.0          | 9.4           | 10.9          | 11.4          | 11.7          | 12.3          | 12.2          |
| 2200        | 11.4          | 9.4           | 10.6          | 11.2          | 11.4          | 12.2          | 12.4          |
| 2300        | 11.8          | 9.7           | 10.8          | 11.1          | 11.1          | 11.9          | 12.4          |
|             |               |               |               |               |               |               |               |
| <u>SUM</u>  | 286.8         | 281.5         | 297.1         | 300.6         | 296.8         | 289.2         | 290.7         |
| <u>MEAN</u> | 12.0          | 11.7          | 12.4          | 12.5          | 12.4          | 12.0          | 12.1          |

# WATER LEVEL

1951

| <u>DATE</u>     | <u>May 29</u> | <u>May 30</u> | <u>May 31</u> |
|-----------------|---------------|---------------|---------------|
| <u>TIME</u>     |               |               |               |
| 0000            | 12.4          | -             | -             |
| 0100            | 12.2          | -             | -             |
| 0200            | 12.0          | -             | -             |
| 0300            | 11.7          | -             | -             |
| 0400            | 11.6          | -             | -             |
| 0500            | 11.5          | -             | -             |
| 0600            | 11.6          | -             | -             |
| 0700            | 11.8          | -             | -             |
| 0800            | 12.0          | -             | -             |
| 0900            | 12.3          | -             | -             |
| 1000            | 12.4          | -             | -             |
| 1100            | 12.3          | -             | -             |
| 1200            | -             | -             | -             |
| 1300            | -             | -             | -             |
| 1400            | -             | -             | -             |
| 1500            | -             | -             | -             |
| 1600            | -             | -             | -             |
| 1700            | -             | -             | -             |
| 1800            | -             | -             | -             |
| 1900            | -             | -             | -             |
| 2000            | -             | -             | -             |
| 2100            | -             | -             | -             |
| 2200            | -             | -             | -             |
| 2300            | -             | -             | -             |
| <br><u>SUM</u>  | <br>143.8     | -             | -             |
| <br><u>MEAN</u> | <br>12.0      | -             | -             |

MEAN FOR MONTH

12.1

# WATER LEVEL

1951

| <u>DATE</u> | <u>June 1</u> | <u>June 2</u> | <u>June 3</u> | <u>June 4</u> | <u>June 5</u> | <u>June 6</u> | <u>June 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | -             | -             |
| 0100        | -             | -             | -             | -             | -             | -             | -             |
| 0200        | -             | -             | -             | -             | -             | -             | -             |
| 0300        | -             | -             | -             | -             | -             | -             | -             |
| 0400        | -             | -             | -             | -             | -             | -             | -             |
| 0500        | -             | -             | -             | -             | -             | -             | -             |
| 0600        | -             | -             | -             | -             | -             | -             | -             |
| 0700        | -             | -             | -             | -             | -             | -             | -             |
| 0800        | -             | -             | -             | -             | -             | -             | -             |
| 0900        | -             | -             | -             | -             | -             | -             | -             |
| 1000        | -             | -             | -             | -             | -             | -             | -             |
| 1100        | -             | -             | -             | -             | -             | -             | -             |
| 1200        | -             | -             | -             | -             | -             | -             | -             |
| 1300        | -             | -             | -             | -             | -             | -             | -             |
| 1400        | -             | -             | -             | -             | -             | -             | -             |
| 1500        | -             | -             | -             | -             | -             | -             | -             |
| 1600        | -             | -             | -             | -             | -             | -             | -             |
| 1700        | -             | -             | -             | -             | -             | -             | -             |
| 1800        | -             | -             | -             | -             | -             | -             | -             |
| 1900        | -             | -             | -             | -             | -             | -             | -             |
| 2000        | -             | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | -             | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | -             | -             | -             | -             | -             | -             | -             |



# WATER LEVEL

1951

| <u>DATE</u> | <u>June 8</u> | <u>June 9</u> | <u>June 10</u> | <u>June 11</u> | <u>June 12</u> | <u>June 13</u> | <u>June 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | -             | -              | -              | -              | 11.4           | 12.2           |
| 0100        | -             | -             | -              | -              | -              | 11.5           | 12.2           |
| 0200        | -             | -             | -              | -              | -              | 11.7           | 12.2           |
| 0300        | -             | -             | -              | -              | -              | 12.0           | 12.1           |
| 0400        | -             | -             | -              | -              | -              | 12.3           | 12.0           |
| 0500        | -             | -             | -              | -              | -              | 12.6           | 12.0           |
| 0600        | -             | -             | -              | -              | -              | 12.5           | 12.1           |
| 0700        | -             | -             | -              | -              | -              | 12.7           | 12.2           |
| 0800        | -             | -             | -              | -              | -              | 12.3           | 12.3           |
| 0900        | -             | -             | -              | -              | -              | 11.6           | 12.4           |
| 1000        | -             | -             | -              | -              | -              | 11.2           | 12.4           |
| 1100        | -             | -             | -              | -              | -              | 11.4           | 12.3           |
| 1200        | -             | -             | -              | -              | -              | 11.7           | 12.0           |
| 1300        | -             | -             | -              | -              | -              | 11.9           | 11.5           |
| 1400        | -             | -             | -              | -              | -              | 11.7           | 11.0           |
| 1500        | -             | -             | -              | -              | -              | 11.6           | 10.7           |
| 1600        | -             | -             | -              | -              | -              | 11.4           | 10.6           |
| 1700        | -             | -             | -              | -              | -              | 11.3           | 10.9           |
| 1800        | -             | -             | -              | -              | 12.2           | 11.2           | 11.2           |
| 1900        | -             | -             | -              | -              | 12.4           | 11.3           | 11.3           |
| 2000        | -             | -             | -              | -              | 12.6           | 11.5           | 11.6           |
| 2100        | -             | -             | -              | -              | 12.3           | 11.8           | 12.2           |
| 2200        | -             | -             | -              | -              | 11.9           | 12.0           | 12.4           |
| 2300        | -             | -             | -              | -              | 11.6           | 12.1           | 12.4           |
| <u>SUM</u>  | -             | -             | -              | -              | 73.0           | 282.7          | 284.2          |
| <u>MEAN</u> | -             | -             | -              | -              | 12.2           | 11.8           | 11.8           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>June 15</u> | <u>June 16</u> | <u>June 17</u> | <u>June 18</u> | <u>June 19</u> | <u>June 20</u> | <u>June 21</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 12.3           | 12.6           | 12.8           | 12.7           | 12.1           | 11.7           | 11.4           |
| 0100        | 12.2           | 12.6           | 13.1           | 13.3           | 12.8           | 12.2           | 11.9           |
| 0200        | 12.1           | 12.7           | 13.1           | 13.5           | 13.2           | 12.6           | 12.5           |
| 0300        | 12.1           | 12.8           | 13.1           | 13.4           | 13.2           | 13.3           | 12.9           |
| 0400        | 12.1           | 12.8           | 13.1           | 13.3           | 13.2           | 13.4           | 13.1           |
| 0500        | 12.1           | 12.8           | 12.9           | 12.8           | 13.2           | 13.4           | 13.3           |
| 0600        | 12.1           | 12.9           | 12.6           | 12.7           | 13.0           | 13.2           | 13.2           |
| 0700        | 12.2           | 12.9           | 12.6           | 12.8           | 13.1           | 13.2           | 13.2           |
| 0800        | 12.3           | 12.9           | 12.7           | 12.8           | 13.0           | 13.1           | 13.1           |
| 0900        | 12.3           | 12.9           | 12.8           | 12.7           | 13.0           | 13.0           | 13.0           |
| 1000        | 12.3           | 12.7           | 12.9           | 12.7           | 12.9           | 13.2           | 13.0           |
| 1100        | 12.1           | 12.5           | 12.8           | 12.8           | 12.9           | 13.0           | 12.8           |
| 1200        | 11.8           | 12.2           | 12.4           | 12.7           | 12.8           | 12.9           | 12.7           |
| 1300        | 11.4           | 11.6           | 11.9           | 12.3           | 12.5           | 12.7           | 12.6           |
| 1400        | 10.9           | 11.0           | 11.5           | 11.9           | 11.9           | 12.3           | 12.5           |
| 1500        | 10.4           | 10.4           | 10.9           | 11.5           | 11.3           | 12.0           | 12.3           |
| 1600        | 10.4           | 10.4           | 10.5           | 10.9           | 10.7           | 11.2           | 11.8           |
| 1700        | 10.6           | 10.6           | 10.3           | 10.3           | 10.2           | 10.6           | 11.2           |
| 1800        | 10.8           | 10.8           | 10.1           | 10.0           | 10.1           | 10.1           | 10.7           |
| 1900        | 11.1           | 11.0           | 10.0           | 9.9            | 10.2           | 9.8            | 10.4           |
| 2000        | 11.4           | 11.2           | 10.2           | 10.0           | 10.3           | 9.7            | 10.2           |
| 2100        | 11.8           | 11.4           | 10.6           | 10.3           | 10.5           | 9.9            | 10.2           |
| 2200        | 12.1           | 11.7           | 10.9           | 10.8           | 10.9           | 10.3           | 10.4           |
| 2300        | 12.4           | 12.2           | 11.8           | 11.3           | 11.4           | 10.8           | 10.7           |
| <u>SUM</u>  | 281.3          | 287.6          | 285.6          | 287.4          | 288.4          | 287.6          | 289.1          |
| <u>MEAN</u> | 11.7           | 12.0           | 11.9           | 12.0           | 12.0           | 12.0           | 12.0           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>June 22</u> | <u>June 23</u> | <u>June 24</u> | <u>June 25</u> | <u>June 26</u> | <u>June 27</u> | <u>June 28</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 11.1           | 10.9           | 11.5           | 11.6           | 12.1           | 12.7           | 13.1           |
| 0100        | 11.4           | 11.2           | 11.6           | 11.6           | 12.0           | 12.5           | 13.2           |
| 0200        | 11.8           | 11.5           | 11.8           | 11.8           | 12.0           | 12.4           | 13.2           |
| 0300        | 12.2           | 11.9           | 12.1           | 12.1           | 12.0           | 12.4           | 13.3           |
| 0400        | 12.6           | 12.3           | 12.4           | 12.2           | 12.1           | 12.5           | 13.3           |
| 0500        | 12.8           | 12.8           | 12.7           | 12.4           | 12.2           | 12.6           | 13.3           |
| 0600        | 12.9           | 13.1           | 13.1           | 12.5           | 12.4           | 12.6           | 13.3           |
| 0700        | 13.1           | 13.1           | 13.2           | 12.6           | 12.3           | 12.7           | 13.2           |
| 0800        | 13.1           | 13.1           | 13.2           | 12.7           | 12.6           | 12.6           | 13.0           |
| 0900        | 13.0           | 12.8           | 13.2           | 12.7           | 12.7           | 12.5           | 12.9           |
| 1000        | 13.0           | 12.5           | 13.0           | 12.6           | 12.7           | 12.4           | 12.7           |
| 1100        | 12.9           | 12.5           | 13.0           | 12.6           | 12.6           | 12.1           | 12.5           |
| 1200        | 12.8           | 12.5           | 12.7           | 12.2           | 12.4           | 11.8           | 12.2           |
| 1300        | 12.6           | 12.5           | 12.6           | 12.0           | 12.1           | 11.5           | 11.9           |
| 1400        | 12.5           | 12.5           | 12.6           | 12.0           | 11.8           | 11.5           | 11.8           |
| 1500        | 12.5           | 12.5           | 12.6           | 12.0           | 11.7           | 11.4           | 11.4           |
| 1600        | 12.5           | 12.5           | 12.5           | 11.8           | 11.8           | 11.4           | 11.4           |
| 1700        | 12.3           | 12.6           | 12.7           | 11.7           | 12.0           | 11.5           | 11.4           |
| 1800        | 11.8           | 12.6           | 12.7           | 11.9           | 12.1           | 11.8           | 11.4           |
| 1900        | 11.5           | 12.4           | 12.7           | 12.0           | 12.5           | 12.0           | 11.5           |
| 2000        | 11.1           | 12.0           | 12.5           | 12.1           | 12.7           | 12.4           | 11.6           |
| 2100        | 10.6           | 11.6           | 12.2           | 12.3           | 12.8           | 12.6           | 12.0           |
| 2200        | 10.5           | 11.5           | 11.9           | 12.3           | 12.8           | 12.8           | 12.2           |
| 2300        | 10.7           | 11.5           | 11.6           | 12.2           | 12.7           | 13.0           | 12.7           |
| <u>SUM</u>  | 291.3          | 294.4          | 300.1          | 291.9          | 295.1          | 293.7          | 298.5          |
| <u>MEAN</u> | 12.1           | 12.3           | 12.5           | 12.2           | 12.3           | 12.2           | 12.4           |

# WATER LEVEL

1951

| <u>DATE</u>     | <u>June 29</u> | <u>June 30</u> |
|-----------------|----------------|----------------|
| <u>TIME</u>     |                |                |
| 0000            | 13.4           | 13.0           |
| 0100            | 13.5           | 13.3           |
| 0200            | 13.7           | 13.4           |
| 0300            | 13.6           | 13.4           |
| 0400            | 13.6           | 13.2           |
| 0500            | 13.3           | 13.1           |
| 0600            | 13.2           | 13.1           |
| 0700            | 13.2           | 13.2           |
| 0800            | 13.2           | 13.1           |
| 0900            | 13.2           | 13.1           |
| 1000            | 13.1           | 13.0           |
| 1100            | 13.0           | 12.8           |
| 1200            | 12.9           | 12.3           |
| 1300            | 12.5           | 12.0           |
| 1400            | 12.3           | 11.8           |
| 1500            | 11.6           | 11.3           |
| 1600            | 11.3           | 10.9           |
| 1700            | 11.0           | 10.7           |
| 1800            | 10.9           | 10.7           |
| 1900            | 10.9           | 10.7           |
| 2000            | 11.5           | 10.8           |
| 2100            | 11.6           | 11.0           |
| 2200            | 12.0           | 11.4           |
| 2300            | 12.6           | 11.9           |
| <br><u>SUM</u>  | <br>301.1      | <br>293.2      |
| <br><u>MEAN</u> | <br>12.6       | <br>12.2       |

MEAN FOR MONTH

12.1

# WATER LEVEL

1951

| <u>DATE</u> | <u>July 1</u> | <u>July 2</u> | <u>July 3</u> | <u>July 4</u> | <u>July 5</u> | <u>July 6</u> | <u>July 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.5          | 12.2          | 11.7          | 12.1          | 11.8          | 11.4          | 11.4          |
| 0100        | 13.0          | 12.7          | 11.9          | 12.6          | 12.2          | 11.7          | 11.6          |
| 0200        | 13.1          | 13.1          | 12.4          | 12.8          | 12.5          | 12.0          | 11.8          |
| 0300        | 13.1          | 13.3          | 12.7          | 13.2          | 12.8          | 12.4          | 12.2          |
| 0400        | 13.1          | 13.3          | 13.1          | 13.2          | 12.9          | 12.6          | 12.5          |
| 0500        | 13.0          | 13.2          | 13.4          | 13.2          | 12.9          | 12.7          | 12.5          |
| 0600        | 13.0          | 13.2          | 13.4          | 13.1          | 12.8          | 12.7          | 12.6          |
| 0700        | 13.0          | 13.3          | 13.4          | 12.9          | 12.7          | 12.8          | 12.6          |
| 0800        | 13.1          | 13.3          | 13.4          | 12.8          | 12.6          | 12.7          | 12.5          |
| 0900        | 13.0          | 13.3          | 13.3          | 12.8          | 12.6          | 12.6          | 12.4          |
| 1000        | 13.0          | 13.3          | 13.3          | 12.7          | 12.7          | 12.6          | 12.3          |
| 1100        | 13.0          | 13.2          | 13.2          | 12.6          | 12.6          | 12.5          | 12.3          |
| 1200        | 12.9          | 13.1          | 13.0          | 12.5          | 12.6          | 12.5          | 12.3          |
| 1300        | 12.6          | 12.6          | 12.7          | 12.3          | 12.4          | 12.4          | 12.4          |
| 1400        | 12.1          | 12.1          | 12.4          | 12.1          | 12.0          | 12.3          | 12.2          |
| 1500        | 11.8          | 11.6          | 12.1          | 11.9          | 11.8          | 12.1          | 12.1          |
| 1600        | 11.3          | 11.3          | 11.9          | 11.4          | 11.4          | 11.9          | 12.0          |
| 1700        | 10.9          | 11.3          | 11.6          | 11.0          | 11.2          | 11.6          | 11.6          |
| 1800        | 10.7          | 11.2          | 11.5          | 10.8          | 10.8          | 11.4          | 11.3          |
| 1900        | 10.7          | 10.9          | 10.6          | 10.6          | 10.7          | 10.9          | 11.1          |
| 2000        | 10.8          | 10.8          | 10.6          | 10.6          | 10.6          | 10.5          | 11.0          |
| 2100        | 11.1          | 10.9          | 10.7          | 10.7          | 10.7          | 10.4          | 11.1          |
| 2200        | 11.5          | 11.2          | 11.2          | 11.1          | 10.8          | 10.6          | 11.2          |
| 2300        | 11.9          | 11.5          | 11.6          | 11.5          | 11.0          | 10.9          | 11.5          |
| <u>SUM</u>  | 294.2         | 295.9         | 295.1         | 290.5         | 287.1         | 286.2         | 286.5         |
| <u>MEAN</u> | 12.3          | 12.3          | 12.3          | 12.1          | 12.0          | 11.9          | 11.9          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>July 8</u> | <u>July 9</u> | <u>July 10</u> | <u>July 11</u> | <u>July 12</u> | <u>July 13</u> | <u>July 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 11.8          | 11.7          | 12.0           | 12.4           | 12.6           | 12.8           | 12.7           |
| 0100        | 12.0          | 11.9          | 12.0           | 12.5           | 12.7           | 12.8           | 12.8           |
| 0200        | 12.4          | 12.1          | 12.2           | 12.5           | 12.7           | 12.9           | 13.0           |
| 0300        | 12.6          | 12.4          | 12.3           | 12.6           | 12.7           | 12.9           | 13.0           |
| 0400        | 12.7          | 12.6          | 12.5           | 12.8           | 12.7           | 12.9           | 13.0           |
| 0500        | 12.7          | 12.8          | 12.7           | 12.9           | 12.8           | 12.8           | 12.8           |
| 0600        | 12.7          | 12.8          | 12.7           | 13.0           | 12.8           | 12.7           | 12.6           |
| 0700        | 12.8          | 12.8          | 12.8           | 12.9           | 12.7           | 12.5           | 12.4           |
| 0800        | 12.7          | 12.7          | 12.7           | 12.7           | 12.7           | 12.5           | 12.3           |
| 0900        | 12.7          | 12.5          | 12.5           | 12.4           | 12.2           | 12.3           | 12.3           |
| 1000        | 12.5          | 12.3          | 12.4           | 12.3           | 11.9           | 11.9           | 11.9           |
| 1100        | 12.4          | 12.2          | 12.2           | 12.2           | 11.6           | 11.4           | 11.4           |
| 1200        | 12.3          | 12.2          | 12.0           | 12.1           | 11.6           | 11.2           | 11.0           |
| 1300        | 12.2          | 12.2          | 12.0           | 12.0           | 11.5           | 10.8           | 10.7           |
| 1400        | 12.2          | 12.3          | 12.1           | 12.1           | 11.5           | 10.8           | 10.5           |
| 1500        | 12.2          | 12.3          | 12.1           | 12.1           | 11.5           | 11.1           | 10.5           |
| 1600        | 12.2          | 12.4          | 12.3           | 12.1           | 11.6           | 11.2           | 10.6           |
| 1700        | 12.0          | 12.3          | 12.4           | 12.3           | 11.9           | 11.4           | 10.8           |
| 1800        | 11.8          | 12.2          | 12.5           | 12.4           | 12.1           | 11.6           | 11.3           |
| 1900        | 11.5          | 12.0          | 12.1           | 12.5           | 12.4           | 11.9           | 11.7           |
| 2000        | 11.3          | 11.8          | 12.2           | 12.5           | 12.7           | 12.0           | 12.0           |
| 2100        | 11.1          | 11.8          | 12.2           | 12.5           | 12.8           | 12.1           | 12.4           |
| 2200        | 11.2          | 11.8          | 12.3           | 12.6           | 12.9           | 12.5           | 12.5           |
| 2300        | 11.5          | 11.9          | 12.3           | 12.6           | 12.9           | 12.7           | 12.6           |
| <u>SUM</u>  | 291.5         | 294.0         | 295.5          | 299.0          | 295.5          | 289.7          | 286.8          |
| <u>MEAN</u> | 12.1          | 12.2          | 12.3           | 12.5           | 12.3           | 12.1           | 12.0           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>July 15</u> | <u>July 16</u> | <u>July 17</u> | <u>July 18</u> | <u>July 19</u> | <u>July 20</u> | <u>July 21</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 12.9           | 12.8           | 12.7           | 12.1           | 11.3           | 10.8           | 11.1           |
| 0100        | 13.0           | 13.0           | 12.9           | 12.5           | 11.7           | 11.3           | 11.6           |
| 0200        | 13.1           | 13.1           | 13.1           | 12.8           | 12.2           | 11.8           | 11.9           |
| 0300        | 13.2           | 13.1           | 13.1           | 12.9           | 12.5           | 12.4           | 12.3           |
| 0400        | 13.1           | 13.0           | 13.0           | 12.9           | 12.7           | 12.8           | 12.5           |
| 0500        | 13.0           | 12.9           | 12.9           | 12.8           | 12.8           | 13.0           | 12.7           |
| 0600        | 12.8           | 12.8           | 12.8           | 12.7           | 12.9           | 13.0           | 12.8           |
| 0700        | 12.6           | 12.6           | 12.7           | -              | 12.7           | 13.0           | 12.7           |
| 0800        | 12.4           | 12.5           | 12.5           | -              | 12.7           | 12.9           | 12.6           |
| 0900        | 12.3           | 12.5           | 12.5           | -              | 12.6           | 12.6           | 12.5           |
| 1000        | 12.2           | 12.4           | 12.4           | -              | 12.6           | 12.8           | 12.3           |
| 1100        | 11.8           | 12.2           | 12.4           | -              | 12.7           | 12.7           | 12.4           |
| 1200        | 11.4           | 11.8           | 12.3           | -              | 12.6           | 12.7           | 12.4           |
| 1300        | 10.9           | 11.2           | 12.1           | -              | 12.5           | 12.6           | 12.6           |
| 1400        | 10.5           | 10.6           | 11.8           | 12.3           | 12.4           | 12.6           | 12.5           |
| 1500        | 10.1           | 10.4           | 11.1           | 12.0           | 12.2           | 12.7           | 12.5           |
| 1600        | 10.1           | 9.9            | 10.4           | 11.5           | 12.0           | 12.5           | 12.6           |
| 1700        | 10.3           | 9.7            | 9.9            | 10.9           | 11.7           | 12.3           | 12.5           |
| 1800        | 10.5           | 9.9            | 9.6            | 10.4           | 11.1           | 12.1           | 12.3           |
| 1900        | 10.9           | 10.2           | 9.7            | 9.9            | 10.5           | 11.3           | 11.9           |
| 2000        | 11.2           | 10.6           | 10.1           | 9.6            | 10.0           | 10.6           | 11.4           |
| 2100        | 11.6           | 11.1           | 10.5           | 9.8            | 9.9            | 10.1           | 11.0           |
| 2200        | 12.1           | 11.6           | 11.1           | 10.1           | 9.9            | 10.2           | 10.8           |
| 2300        | 12.4           | 12.2           | 11.6           | 10.6           | 10.3           | 10.6           | 10.9           |
| <u>SUM</u>  | 284.4          | 282.1          | 283.2          | 195.8          | 284.5          | 289.4          | 290.8          |
| <u>MEAN</u> | 11.8           | 11.8           | 11.8           | 11.5           | 11.9           | 12.1           | 12.1           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>July 22</u> | <u>July 23</u> | <u>July 24</u> | <u>July 25</u> | <u>July 26</u> | <u>July 27</u> | <u>July 28</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 11.0           | 11.1           | 11.9           | -              | -              | -              | -              |
| 0100        | 11.4           | 11.4           | 12.0           | -              | -              | -              | -              |
| 0200        | 11.6           | 11.7           | 12.0           | -              | -              | -              | -              |
| 0300        | 11.8           | 12.0           | 12.1           | -              | -              | -              | -              |
| 0400        | 12.1           | 11.9           | 12.2           | -              | -              | -              | -              |
| 0500        | 12.4           | 12.2           | 12.3           | -              | -              | -              | -              |
| 0600        | 12.4           | 12.3           | 12.4           | -              | -              | -              | -              |
| 0700        | 12.4           | 12.3           | 12.5           | -              | -              | -              | -              |
| 0800        | 12.3           | 12.2           | 12.2           | -              | -              | -              | -              |
| 0900        | 12.0           | 12.0           | 12.1           | -              | -              | -              | -              |
| 1000        | 12.0           | 11.8           | 11.8           | -              | -              | -              | -              |
| 1100        | 11.9           | 11.6           | 11.5           | -              | -              | -              | -              |
| 1200        | 11.8           | 11.9           | 11.2           | -              | -              | -              | -              |
| 1300        | 11.9           | 11.5           | 11.1           | -              | -              | -              | -              |
| 1400        | 11.8           | 11.6           | 11.0           | -              | -              | -              | -              |
| 1500        | 12.0           | 11.7           | -              | -              | -              | -              | -              |
| 1600        | 12.1           | 11.9           | -              | -              | -              | -              | -              |
| 1700        | 12.3           | 12.1           | -              | -              | -              | -              | -              |
| 1800        | 12.4           | 12.2           | -              | -              | -              | -              | -              |
| 1900        | 12.3           | 12.3           | -              | -              | -              | -              | -              |
| 2000        | 12.1           | 12.3           | -              | -              | -              | -              | -              |
| 2100        | 11.6           | 12.1           | -              | -              | -              | -              | -              |
| 2200        | 11.2           | 12.1           | -              | -              | -              | -              | -              |
| 2300        | 11.0           | 11.9           | -              | -              | -              | -              | -              |
| <u>SUM</u>  | 285.8          | 286.1          | 178.3          | -              | -              | -              | -              |
| <u>MEAN</u> | 11.9           | 11.9           | 11.9           | -              | -              | -              | -              |



# WATER LEVEL

1951

| <u>DATE</u> | <u>July 29</u> | <u>July 30</u> | <u>July 31</u> |
|-------------|----------------|----------------|----------------|
|-------------|----------------|----------------|----------------|

| <u>TIME</u> |  |  |  |
|-------------|--|--|--|
|-------------|--|--|--|

|      |   |   |   |
|------|---|---|---|
| 0000 | - | - | - |
| 0100 | - | - | - |
| 0200 | - | - | - |
| 0300 | - | - | - |
| 0400 | - | - | - |
| 0500 | - | - | - |
| 0600 | - | - | - |
| 0700 | - | - | - |
| 0800 | - | - | - |
| 0900 | - | - | - |
| 1000 | - | - | - |
| 1100 | - | - | - |
| 1200 | - | - | - |
| 1300 | - | - | - |
| 1400 | - | - | - |
| 1500 | - | - | - |
| 1600 | - | - | - |
| 1700 | - | - | - |
| 1800 | - | - | - |
| 1900 | - | - | - |
| 2000 | - | - | - |
| 2100 | - | - | - |
| 2200 | - | - | - |
| 2300 | - | - | - |

MEAN FOR MONTH

12.0

|            |   |   |   |
|------------|---|---|---|
| <u>SUM</u> | - | - | - |
|------------|---|---|---|

|             |   |   |   |
|-------------|---|---|---|
| <u>MEAN</u> | - | - | - |
|-------------|---|---|---|

# WATER LEVEL

1951

| <u>DATE</u> | <u>Aug. 1</u> | <u>Aug. 2</u> | <u>Aug. 3</u> | <u>Aug. 4</u> | <u>Aug. 5</u> | <u>Aug. 6</u> | <u>Aug. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | -             | -             |
| 0100        | -             | -             | -             | -             | -             | -             | -             |
| 0200        | -             | -             | -             | -             | -             | -             | -             |
| 0300        | -             | -             | -             | -             | -             | -             | -             |
| 0400        | -             | -             | -             | -             | -             | -             | -             |
| 0500        | -             | -             | -             | -             | -             | -             | -             |
| 0600        | -             | -             | -             | -             | -             | -             | -             |
| 0700        | -             | -             | -             | -             | -             | -             | -             |
| 0800        | -             | -             | -             | -             | -             | -             | -             |
| 0900        | -             | -             | -             | -             | -             | -             | -             |
| 1000        | -             | -             | -             | -             | -             | -             | -             |
| 1100        | -             | -             | -             | -             | -             | -             | -             |
| 1200        | -             | -             | -             | -             | -             | -             | -             |
| 1300        | -             | -             | -             | -             | -             | -             | -             |
| 1400        | -             | -             | -             | -             | -             | -             | -             |
| 1500        | -             | -             | -             | -             | -             | -             | -             |
| 1600        | -             | -             | -             | -             | -             | -             | -             |
| 1700        | -             | -             | -             | -             | -             | -             | -             |
| 1800        | -             | -             | -             | -             | -             | -             | -             |
| 1900        | -             | -             | -             | -             | -             | -             | -             |
| 2000        | -             | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | -             | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | -             | -             | -             | -             | -             | -             | -             |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Aug. 8</u> | <u>Aug. 9</u> | <u>Aug. 10</u> | <u>Aug. 11</u> | <u>Aug. 12</u> | <u>Aug. 13</u> | <u>Aug. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | -             | -              | -              | -              | -              | -              |
| 0100        | -             | -             | -              | -              | -              | -              | -              |
| 0200        | -             | -             | -              | -              | -              | -              | -              |
| 0300        | -             | -             | -              | -              | -              | -              | -              |
| 0400        | -             | -             | -              | -              | -              | -              | -              |
| 0500        | -             | -             | -              | -              | -              | -              | -              |
| 0600        | -             | -             | -              | -              | -              | -              | -              |
| 0700        | -             | -             | -              | -              | -              | -              | -              |
| 0800        | -             | -             | -              | -              | -              | -              | -              |
| 0900        | -             | -             | -              | -              | -              | -              | -              |
| 1000        | -             | -             | -              | -              | -              | -              | -              |
| 1100        | -             | -             | -              | -              | -              | -              | -              |
| 1200        | -             | -             | -              | -              | -              | -              | -              |
| 1300        | -             | -             | -              | -              | -              | -              | -              |
| 1400        | -             | -             | -              | -              | -              | -              | -              |
| 1500        | -             | -             | -              | -              | -              | -              | -              |
| 1600        | -             | -             | -              | -              | -              | -              | -              |
| 1700        | -             | -             | -              | -              | -              | -              | -              |
| 1800        | -             | -             | -              | -              | -              | -              | -              |
| 1900        | -             | -             | -              | -              | -              | -              | -              |
| 2000        | -             | -             | -              | -              | -              | -              | -              |
| 2100        | -             | -             | -              | -              | -              | -              | -              |
| 2200        | -             | -             | -              | -              | -              | -              | -              |
| 2300        | -             | -             | -              | -              | -              | -              | -              |
| <u>SUM</u>  | -             | -             | -              | -              | -              | -              | -              |
| <u>MEAN</u> | -             | -             | -              | -              | -              | -              | -              |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Aug.15</u> | <u>Aug.16</u> | <u>Aug.17</u> | <u>Aug.18</u> | <u>Aug.19</u> | <u>Aug.20</u> | <u>Aug.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | 12.8          | 12.0          | 11.9          | 12.3          | 12.3          | 12.4          |
| 0100        | -             | 13.1          | 12.6          | 12.2          | 12.9          | 12.3          | 12.6          |
| 0200        | -             | 13.3          | 13.2          | 12.4          | 13.2          | 12.3          | 12.7          |
| 0300        | -             | 13.4          | 13.4          | 12.8          | 13.2          | 12.6          | 12.8          |
| 0400        | -             | 13.3          | 13.5          | 13.2          | 12.9          | 12.6          | 12.8          |
| 0500        | -             | 13.2          | 13.5          | 13.5          | 12.6          | 12.7          | 12.8          |
| 0600        | -             | 12.8          | 13.3          | 13.4          | 12.2          | 12.4          | 12.5          |
| 0700        | -             | 12.6          | 12.7          | 13.4          | 12.1          | 12.2          | 12.0          |
| 0800        | -             | 12.8          | 12.4          | 13.3          | 12.1          | 12.0          | 11.8          |
| 0900        | -             | 12.9          | 12.4          | 13.0          | 12.3          | 11.9          | 11.5          |
| 1000        | -             | 12.8          | 12.7          | 12.5          | 12.2          | 12.0          | 11.5          |
| 1100        | -             | 12.9          | 12.9          | 12.2          | 12.3          | 12.1          | 11.6          |
| 1200        | -             | 12.9          | 13.3          | 12.3          | 12.4          | 12.2          | 11.6          |
| 1300        | -             | 12.7          | 13.2          | 12.7          | 12.6          | 12.3          | 11.8          |
| 1400        | -             | 12.4          | 12.8          | 12.6          | 12.8          | 12.5          | 11.9          |
| 1500        | -             | 11.7          | 12.9          | 12.8          | 12.9          | 12.8          | 12.1          |
| 1600        | 10.7          | 11.5          | 12.0          | 12.9          | 13.0          | 13.0          | 12.3          |
| 1700        | 10.5          | 11.1          | 11.6          | 13.0          | 12.9          | 13.1          | 12.6          |
| 1800        | 10.3          | 10.5          | 11.1          | 12.3          | 12.5          | 13.1          | 12.8          |
| 1900        | 10.5          | 10.5          | 11.1          | 11.9          | 12.0          | 13.0          | 13.0          |
| 2000        | 10.8          | 10.8          | 11.1          | 11.4          | 11.7          | 12.7          | 13.0          |
| 2100        | 11.2          | 11.2          | 11.3          | 10.9          | 11.7          | 12.5          | 12.9          |
| 2200        | 11.7          | 11.6          | 11.4          | 11.3          | 11.8          | 12.3          | 12.7          |
| 2300        | 12.1          | 12.1          | 11.5          | 12.0          | 12.1          | 12.3          | 12.6          |
|             |               |               |               |               |               |               |               |
| <u>SUM</u>  | 87.8          | 294.9         | 297.9         | 299.9         | 298.7         | 299.2         | 296.3         |
| <u>MEAN</u> | 11.0          | 12.3          | 12.4          | 12.5          | 12.4          | 12.5          | 12.3          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Aug.22</u> | <u>Aug.23</u> | <u>Aug.24</u> | <u>Aug.25</u> | <u>Aug.26</u> | <u>Aug.27</u> | <u>Aug.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.7          | 12.6          | 12.8          | 13.1          | 13.2          | 13.3          | 13.4          |
| 0100        | 12.8          | 12.6          | 12.9          | 12.9          | 13.3          | 13.4          | 13.5          |
| 0200        | 12.9          | 12.7          | 12.9          | 13.0          | 13.2          | 13.3          | 13.5          |
| 0300        | 12.8          | 12.7          | 12.8          | 12.9          | 13.2          | 13.2          | 13.5          |
| 0400        | 12.8          | 12.7          | 12.7          | 12.8          | 13.0          | 13.2          | 13.4          |
| 0500        | 12.7          | 12.6          | 12.6          | 12.7          | 12.9          | 13.2          | 13.2          |
| 0600        | 12.6          | 12.3          | 12.5          | 12.6          | 12.8          | 13.1          | 13.2          |
| 0700        | 12.6          | 12.0          | 12.3          | 12.4          | 12.6          | 13.1          | 13.1          |
| 0800        | 12.3          | 11.8          | 12.1          | 12.2          | 12.5          | 13.0          | 13.0          |
| 0900        | 12.0          | 11.6          | 11.9          | 12.1          | 12.4          | 12.9          | 12.9          |
| 1000        | 11.6          | 11.4          | 11.6          | 11.8          | 12.2          | 12.7          | 12.9          |
| 1100        | 11.4          | 11.4          | 11.4          | 11.6          | 11.9          | 12.4          | 12.6          |
| 1200        | 11.4          | 11.4          | 11.2          | 11.4          | 11.6          | 12.0          | 12.3          |
| 1300        | 11.6          | 11.4          | 11.2          | 11.1          | 11.3          | 11.6          | 11.9          |
| 1400        | 11.7          | 11.5          | 11.2          | 11.0          | 11.1          | 11.4          | 11.6          |
| 1500        | 12.0          | 11.7          | 11.3          | 11.2          | 11.0          | 11.3          | 11.3          |
| 1600        | 12.3          | 11.7          | 11.6          | 11.2          | 11.2          | 11.3          | 11.2          |
| 1700        | 12.8          | 11.9          | 11.8          | 11.6          | 11.5          | 11.5          | 11.2          |
| 1800        | 12.5          | 12.4          | 12.2          | 11.8          | 11.6          | 11.6          | 11.4          |
| 1900        | 12.6          | 12.8          | 12.4          | 12.1          | 12.0          | 11.9          | 11.6          |
| 2000        | 12.5          | 12.9          | 12.6          | 12.5          | 12.3          | 12.2          | 11.9          |
| 2100        | 12.6          | 13.0          | 12.6          | 12.8          | 12.9          | 12.6          | 12.3          |
| 2200        | 12.6          | 12.9          | 12.9          | 13.0          | 13.1          | 12.9          | 12.7          |
| 2300        | 12.5          | 12.8          | 13.1          | 13.1          | 13.3          | 13.2          | 13.1          |
| <u>SUM</u>  | 296.3         | 292.8         | 292.6         | 292.9         | 296.1         | 300.3         | 300.7         |
| <u>MEAN</u> | 12.3          | 12.2          | 12.2          | 12.2          | 12.3          | 12.5          | 12.5          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Aug. 29</u> | <u>Aug. 30</u> | <u>Aug. 31</u> |
|-------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |
| 0000        | 13.2           | 13.0           | 12.7           |
| 0100        | 13.3           | 13.1           | 12.9           |
| 0200        | 13.3           | 13.2           | 12.9           |
| 0300        | 13.3           | 13.0           | 12.8           |
| 0400        | 13.2           | 12.9           | 12.5           |
| 0500        | 13.1           | 12.7           | 12.4           |
| 0600        | 13.0           | 12.7           | 12.4           |
| 0700        | 13.0           | (12.6)         | 12.5           |
| 0800        | 13.0           | (12.6)         | 12.5           |
| 0900        | 13.0           | (12.6)         | 12.5           |
| 1000        | 12.9           | 12.6           | 12.6           |
| 1100        | 12.7           | 12.5           | 12.6           |
| 1200        | 12.5           | 12.2           | 12.4           |
| 1300        | 12.1           | 11.9           | 12.4           |
| 1400        | 11.7           | 11.6           | 12.6           |
| 1500        | 11.3           | 11.3           | 12.5           |
| 1600        | 11.1           | 11.1           | 11.8           |
| 1700        | 11.1           | 11.0           | 11.5           |
| 1800        | 11.1           | 11.0           | 11.7           |
| 1900        | 11.3           | 11.2           | 11.5           |
| 2000        | 11.6           | 11.4           | 11.6           |
| 2100        | 11.9           | 11.7           | 11.4           |
| 2200        | 12.2           | 12.0           | 11.6           |
| 2300        | 12.7           | 12.3           | 12.4           |
| <u>SUM</u>  | 297.6          | 292.2          | 294.7          |
| <u>MEAN</u> | 12.4           | 12.2           | 12.3           |

MEAN FOR MONTH

12.3

# WATER LEVEL

1951

| <u>DATE</u> | <u>Sept.1</u> | <u>Sept.2</u> | <u>Sept.3</u> | <u>Sept.4</u> | <u>Sept.5</u> | <u>Sept.6</u> | <u>Sept.7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.0          | 12.2          | 12.4          | 12.7          | 12.7          | 12.6          | 12.9          |
| 0100        | 13.2          | 12.6          | 12.5          | 12.8          | 12.7          | 12.7          | 12.7          |
| 0200        | 13.3          | 13.1          | 12.6          | 12.6          | 12.7          | 12.8          | 12.7          |
| 0300        | 13.3          | 13.2          | 12.4          | 12.4          | 12.7          | 12.8          | 12.6          |
| 0400        | 13.0          | 13.1          | 12.2          | 12.2          | 12.5          | 12.7          | 12.6          |
| 0500        | 12.6          | 12.8          | 11.9          | 11.8          | 12.2          | 12.3          | 12.4          |
| 0600        | 12.5          | 12.5          | 11.7          | 11.7          | 12.1          | 11.7          | 12.1          |
| 0700        | 12.6          | 12.2          | 11.7          | 11.8          | 11.8          | 11.4          | 11.8          |
| 0800        | 12.7          | 12.1          | 11.8          | 11.6          | 11.4          | 11.2          | 11.3          |
| 0900        | 12.7          | 12.2          | 12.0          | 11.8          | 11.2          | 10.9          | 11.0          |
| 1000        | 12.7          | 12.4          | 12.2          | 11.7          | 11.3          | 10.9          | 10.9          |
| 1100        | 12.9          | 12.7          | 12.3          | 12.0          | 11.6          | 11.2          | 11.0          |
| 1200        | 13.0          | 13.0          | 12.4          | 12.2          | 11.8          | 11.3          | 11.1          |
| 1300        | 13.0          | 12.9          | 12.5          | 12.5          | 11.9          | 11.6          | 11.4          |
| 1400        | 12.8          | 12.8          | 12.6          | 12.8          | 12.1          | 11.8          | -             |
| 1500        | 12.7          | 12.5          | 13.0          | 12.9          | 12.6          | 12.0          | -             |
| 1600        | 12.4          | 12.0          | 12.0          | 12.8          | 13.0          | 12.1          | -             |
| 1700        | 12.1          | 11.6          | 11.9          | 12.5          | 12.9          | 12.3          | -             |
| 1800        | 11.8          | 11.3          | 11.8          | 12.4          | 12.9          | 12.5          | -             |
| 1900        | 11.6          | 11.4          | 11.7          | 12.3          | 12.7          | 12.6          | -             |
| 2000        | 11.7          | 11.6          | 11.9          | 12.4          | 12.7          | 12.7          | -             |
| 2100        | 11.6          | 11.8          | 12.1          | 12.4          | 12.6          | 12.7          | -             |
| 2200        | 11.7          | 12.0          | 12.3          | 12.6          | 12.6          | 12.7          | -             |
| 2300        | 12.0          | 12.3          | 12.5          | 12.7          | 12.6          | 12.8          | -             |
| <u>SUM</u>  | 300.9         | 296.3         | 292.4         | 295.6         | 295.3         | 290.3         | 166.5         |
| <u>MEAN</u> | 12.5          | 12.3          | 12.2          | 12.3          | 12.3          | 12.1          | 11.9          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Sept.8</u> | <u>Sept.9</u> | <u>Sept.10</u> | <u>Sept.11</u> | <u>Sept.12</u> | <u>Sept.13</u> | <u>Sept.14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | 12.6          | 13.0           | 13.8           | -              | -              | -              |
| 0100        | -             | 12.9          | 13.3           | 13.9           | -              | -              | -              |
| 0200        | -             | 13.2          | 13.4           | 13.4           | -              | -              | -              |
| 0300        | -             | 13.3          | 13.5           | 13.3           | -              | -              | -              |
| 0400        | -             | 13.4          | 13.5           | 13.2           | -              | -              | -              |
| 0500        | -             | 13.4          | 13.4           | 13.3           | -              | -              | -              |
| 0600        | -             | 13.4          | 13.2           | 13.3           | -              | -              | -              |
| 0700        | -             | 13.2          | 13.1           | 13.6           | -              | -              | -              |
| 0800        | -             | 13.2          | 13.2           | 13.7           | -              | -              | -              |
| 0900        | -             | 13.1          | 13.1           | 13.6           | -              | -              | -              |
| 1000        | -             | 12.9          | 13.1           | 13.5           | -              | -              | -              |
| 1100        | -             | 12.9          | 13.0           | 13.3           | -              | -              | -              |
| 1200        | -             | 12.7          | 12.5           | 12.8           | -              | -              | -              |
| 1300        | -             | 12.3          | 12.2           | 12.1           | -              | -              | -              |
| 1400        | -             | 12.0          | 11.6           | 11.6           | -              | -              | -              |
| 1500        | -             | 11.6          | 11.2           | 11.3           | -              | -              | -              |
| 1600        | 10.8          | 11.3          | 10.9           | 11.2           | -              | -              | -              |
| 1700        | 10.8          | 11.0          | 10.7           | -              | -              | -              | -              |
| 1800        | 10.9          | (11.0)        | 10.8           | -              | -              | -              | -              |
| 1900        | 11.3          | (11.1)        | 11.1           | -              | -              | -              | -              |
| 2000        | 11.5          | (11.5)        | 11.3           | -              | -              | -              | -              |
| 2100        | 11.5          | 12.0          | 11.9           | -              | -              | -              | -              |
| 2200        | 11.9          | 12.3          | 12.6           | -              | -              | -              | -              |
| 2300        | 12.3          | 12.6          | 13.3           | -              | -              | -              | -              |
| <u>SUM</u>  | 91.0          | 265.3         | 298.9          | 220.9          | -              | -              | -              |
| <u>MEAN</u> | 11.4          | 12.6          | 12.5           | 13.0           | -              | -              | -              |



# WATER LEVEL

1951

| <u>DATE</u> | <u>Sept.15</u> | <u>Sept.16</u> | <u>Sept.17</u> | <u>Sept.18</u> | <u>Sept.19</u> | <u>Sept.20</u> | <u>Sept.21</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | -              | -              | -              | -              | -              | -              | -              |
| 0100        | -              | -              | -              | -              | -              | -              | -              |
| 0200        | -              | -              | -              | -              | -              | -              | -              |
| 0300        | -              | -              | -              | -              | -              | -              | -              |
| 0400        | -              | -              | -              | -              | -              | -              | -              |
| 0500        | -              | -              | -              | -              | -              | -              | -              |
| 0600        | -              | -              | -              | -              | -              | -              | -              |
| 0700        | -              | -              | -              | -              | -              | -              | -              |
| 0800        | -              | -              | -              | -              | -              | -              | -              |
| 0900        | -              | -              | -              | -              | -              | -              | -              |
| 1000        | -              | -              | -              | -              | -              | -              | -              |
| 1100        | -              | -              | -              | -              | -              | -              | -              |
| 1200        | -              | -              | -              | -              | -              | -              | -              |
| 1300        | -              | -              | -              | -              | -              | -              | -              |
| 1400        | -              | -              | -              | -              | -              | -              | -              |
| 1500        | -              | -              | -              | -              | -              | -              | -              |
| 1600        | -              | -              | -              | -              | -              | -              | -              |
| 1700        | -              | -              | -              | -              | -              | -              | -              |
| 1800        | -              | -              | -              | -              | -              | -              | -              |
| 1900        | -              | -              | -              | -              | -              | -              | -              |
| 2000        | -              | -              | -              | -              | -              | -              | -              |
| 2100        | -              | -              | -              | -              | -              | -              | -              |
| 2200        | -              | -              | -              | -              | -              | -              | -              |
| 2300        | -              | -              | -              | -              | -              | -              | -              |
| <u>SUM</u>  | -              | -              | -              | -              | -              | -              | -              |
| <u>MEAN</u> | -              | -              | -              | -              | -              | -              | -              |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Sept.22</u> | <u>Sept.23</u> | <u>Sept.24</u> | <u>Sept.25</u> | <u>Sept.26</u> | <u>Sept.27</u> | <u>Sept.28</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | -              | -              | -              | 13.1           | 12.6           | 12.8           | 12.5           |
| 0100        | -              | -              | -              | 13.2           | 12.6           | 12.8           | 12.7           |
| 0200        | -              | -              | -              | 13.2           | 13.0           | 12.9           | 12.8           |
| 0300        | -              | -              | -              | 13.2           | 13.4           | 13.1           | 12.8           |
| 0400        | -              | -              | -              | 13.1           | 13.7           | 13.2           | 12.8           |
| 0500        | -              | -              | -              | 13.1           | 13.5           | 13.2           | 12.6           |
| 0600        | -              | -              | -              | 13.1           | 13.3           | 13.0           | 12.4           |
| 0700        | -              | -              | -              | 13.1           | 13.0           | 13.0           | 12.3           |
| 0800        | -              | -              | -              | 12.7           | 13.0           | 12.8           | 12.2           |
| 0900        | -              | -              | -              | 12.4           | 13.1           | 12.7           | 12.4           |
| 1000        | -              | -              | -              | 12.4           | 13.3           | 12.7           | 12.4           |
| 1100        | -              | -              | -              | 12.0           | 13.0           | 12.7           | 12.5           |
| 1200        | -              | -              | -              | 11.9           | 12.3           | 12.6           | 12.6           |
| 1300        | -              | -              | -              | 11.8           | 11.8           | 12.6           | 12.6           |
| 1400        | -              | -              | -              | 11.3           | 11.7           | 12.4           | 12.5           |
| 1500        | -              | -              | -              | 10.9           | 11.7           | 12.1           | 12.5           |
| 1600        | -              | -              | -              | 10.6           | 11.8           | 11.9           | 12.2           |
| 1700        | -              | -              | -              | 10.7           | 11.8           | 11.5           | 12.1           |
| 1800        | -              | -              | -              | 11.3           | 11.8           | 11.4           | 11.9           |
| 1900        | -              | -              | -              | 11.8           | 11.9           | 11.4           | 11.7           |
| 2000        | -              | -              | -              | 12.1           | 11.7           | 11.5           | 11.7           |
| 2100        | -              | -              | -              | 12.3           | 11.8           | 11.5           | 11.8           |
| 2200        | -              | -              | 12.5           | 12.4           | 12.3           | 12.1           | 12.0           |
| 2300        | -              | -              | 12.9           | 12.3           | 12.4           | 12.4           | 12.0           |
| <u>SUM</u>  | -              | -              | -              | 294.0          | 300.5          | 298.3          | 296.0          |
| <u>MEAN</u> | -              | -              | -              | 12.2           | 12.5           | 12.4           | 12.3           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Sept. 29</u> | <u>Sept. 30</u> |
|-------------|-----------------|-----------------|
| <u>TIME</u> |                 |                 |
| 0000        | 12.0            | 12.5            |
| 0100        | 12.1            | 12.7            |
| 0200        | 12.4            | 12.7            |
| 0300        | 12.5            | 12.7            |
| 0400        | 12.2            | 12.7            |
| 0500        | 12.2            | 12.5            |
| 0600        | 12.1            | 12.4            |
| 0700        | 12.3            | 12.2            |
| 0800        | 12.4            | 12.2            |
| 0900        | 12.5            | 12.3            |
| 1000        | 12.6            | 12.4            |
| 1100        | 12.7            | 12.7            |
| 1200        | 12.8            | 13.0            |
| 1300        | 12.9            | 13.3            |
| 1400        | 13.0            | 13.6            |
| 1500        | 12.9            | 13.6            |
| 1600        | 12.8            | 13.5            |
| 1700        | 12.7            | 13.3            |
| 1800        | 12.4            | 13.0            |
| 1900        | 12.2            | 12.8            |
| 2000        | 12.1            | 12.6            |
| 2100        | 12.0            | 12.5            |
| 2200        | 12.1            | 12.5            |
| 2300        | 12.2            | 12.7            |
|             |                 |                 |
| <u>SUM</u>  | 297.9           | 306.4           |
|             |                 |                 |
| <u>MEAN</u> | 12.4            | 12.8            |

MEAN FOR MONTH

12.3

# WATER LEVEL

1951

| <u>DATE</u> | <u>Oct. 1</u> | <u>Oct. 2</u> | <u>Oct. 3</u> | <u>Oct. 4</u> | <u>Oct. 5</u> | <u>Oct. 6</u> | <u>Oct. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.0          | 13.5          | 13.5          | 13.6          | 13.2          | 13.2          | 13.2          |
| 0100        | 13.3          | 13.7          | 13.5          | 13.6          | 13.1          | 13.2          | 13.2          |
| 0200        | 13.4          | 13.7          | 13.4          | 13.6          | 13.1          | 13.1          | 13.2          |
| 0300        | 13.4          | 13.6          | 13.2          | 13.4          | 13.0          | 13.1          | 13.1          |
| 0400        | 13.2          | 13.3          | 12.9          | 13.1          | 12.6          | 13.0          | 13.0          |
| 0500        | 13.1          | 12.9          | 12.5          | 12.7          | 12.2          | 12.7          | 12.9          |
| 0600        | 12.8          | 12.5          | 12.1          | 12.1          | 11.8          | 12.3          | 12.7          |
| 0700        | 12.5          | 12.3          | 11.8          | 11.6          | 11.2          | 12.0          | 12.3          |
| 0800        | 12.4          | 12.4          | 11.8          | 11.2          | (11.0)        | 11.6          | 12.0          |
| 0900        | 12.5          | 12.5          | 11.9          | 11.1          | (10.9)        | 11.2          | 11.4          |
| 1000        | 12.6          | 12.9          | 12.1          | 11.2          | (10.9)        | (11.0)        | 10.8          |
| 1100        | 12.8          | 13.2          | 12.3          | 11.5          | (10.9)        | (10.9)        | 10.2          |
| 1200        | 13.1          | 13.5          | 12.6          | 11.7          | (11.0)        | (10.9)        | 10.0          |
| 1300        | 13.3          | 13.8          | 13.0          | 12.0          | 11.2          | (11.0)        | 10.0          |
| 1400        | 13.5          | 14.0          | 13.3          | 12.3          | 11.5          | 11.1          | 10.5          |
| 1500        | 13.8          | 14.1          | 13.5          | 12.7          | 11.8          | 11.4          | 10.7          |
| 1600        | 13.8          | 14.0          | 13.7          | 13.0          | 12.2          | 11.8          | 11.1          |
| 1700        | 13.8          | 13.9          | 13.7          | 13.2          | 12.5          | 12.1          | 11.1          |
| 1800        | 13.6          | 13.7          | 13.6          | 13.3          | 12.8          | 12.5          | 11.2          |
| 1900        | 13.5          | 13.5          | 13.5          | 13.3          | 13.0          | 12.7          | 11.3          |
| 2000        | 13.3          | 13.4          | 13.5          | 13.3          | 13.2          | 12.9          | 11.4          |
| 2100        | 13.2          | 13.5          | 13.4          | 13.3          | 13.2          | 13.1          | 11.7          |
| 2200        | 13.3          | 13.5          | 13.5          | 13.3          | 13.2          | 13.2          | 12.0          |
| 2300        | 13.4          | 13.5          | 13.5          | 13.2          | 13.2          | 13.2          | 12.1          |
| <u>SUM</u>  | 316.6         | 320.9         | 311.8         | 303.3         | 292.8         | 293.2         | 281.1         |
| <u>MEAN</u> | 13.2          | 13.4          | 13.0          | 12.6          | 12.2          | 12.2          | 11.7          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Oct. 8</u> | <u>Oct. 9</u> | <u>Oct. 10</u> | <u>Oct. 11</u> | <u>Oct. 12</u> | <u>Oct. 13</u> | <u>Oct. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.1          | 12.1          | (12.1)         | 12.5           | 12.5           | 12.3           | 12.4           |
| 0100        | 12.1          | 12.2          | (12.1)         | 12.6           | 12.5           | 12.3           | 12.5           |
| 0200        | 12.1          | 12.3          | 12.1           | 12.5           | 12.4           | 12.4           | 12.5           |
| 0300        | 11.9          | 12.3          | 12.1           | 12.4           | 12.1           | 12.4           | 12.4           |
| 0400        | 11.8          | 12.3          | 12.1           | 12.3           | 11.8           | 12.1           | 12.2           |
| 0500        | 11.8          | 12.3          | 12.1           | 12.2           | 11.6           | 11.8           | 11.8           |
| 0600        | 11.8          | 12.2          | 12.1           | 12.0           | 11.5           | 11.6           | 11.7           |
| 0700        | 11.9          | 12.1          | 12.2           | 12.0           | 11.6           | 11.6           | 11.5           |
| 0800        | 11.9          | 12.1          | 12.2           | 12.1           | 11.6           | 11.7           | 11.5           |
| 0900        | 11.8          | 12.1          | 12.2           | 12.3           | 11.8           | 11.9           | 11.6           |
| 1000        | 11.6          | 12.0          | 12.2           | 12.4           | 12.0           | 12.1           | 11.8           |
| 1100        | 11.4          | 11.8          | 12.0           | 12.5           | 12.2           | 12.4           | 12.1           |
| 1200        | 11.1          | 11.5          | 11.7           | 12.4           | 12.3           | 12.7           | 12.4           |
| 1300        | 10.9          | 11.3          | 11.3           | 12.1           | 12.3           | 12.9           | 12.8           |
| 1400        | 10.7          | 11.0          | 11.2           | 11.8           | 12.2           | 13.0           | 13.1           |
| 1500        | 10.7          | 10.8          | 10.8           | 11.5           | 12.0           | 12.9           | 13.2           |
| 1600        | 10.8          | 10.7          | 10.8           | 11.2           | 11.8           | 12.7           | 13.1           |
| 1700        | 10.8          | 10.6          | 10.8           | 11.1           | 11.6           | 12.3           | 12.9           |
| 1800        | 10.8          | 10.7          | 11.0           | 11.0           | 11.5           | 12.1           | 12.6           |
| 1900        | 11.1          | 10.8          | 11.2           | 11.1           | 11.5           | 12.0           | 12.3           |
| 2000        | 11.3          | 11.1          | 11.4           | 11.3           | 11.5           | 12.0           | 12.2           |
| 2100        | 11.5          | 11.4          | 11.7           | 11.5           | 11.6           | 12.1           | 12.1           |
| 2200        | 11.7          | 11.7          | 12.0           | 11.9           | 11.8           | 12.1           | 12.2           |
| 2300        | 12.0          | 11.9          | 12.3           | 12.3           | 12.1           | 12.2           | 12.2           |
| <u>SUM</u>  | 275.6         | 279.3         | 281.7          | 287.0          | 285.8          | 293.6          | 295.1          |
| <u>MEAN</u> | 11.5          | 11.6          | 11.7           | 12.0           | 11.9           | 12.2           | 12.3           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Oct.15</u> | <u>Oct.16</u> | <u>Oct.17</u> | <u>Oct.18</u> | <u>Oct.19</u> | <u>Oct.20</u> | <u>Oct.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.3          | 12.9          | 13.1          | 13.1          | 13.2          | 13.6          | 13.3          |
| 0100        | 12.4          | 12.9          | 13.1          | 13.1          | 13.2          | 13.5          | 13.3          |
| 0200        | 12.4          | 12.7          | 13.1          | 13.1          | 13.0          | 13.3          | 13.3          |
| 0300        | 12.1          | 12.4          | 13.0          | 12.9          | 12.8          | 13.1          | 13.3          |
| 0400        | 11.9          | 12.1          | 12.8          | 12.8          | 12.7          | 12.9          | 13.2          |
| 0500        | 11.6          | 11.6          | 12.4          | 12.5          | 12.3          | 12.6          | 13.1          |
| 0600        | 11.2          | 11.2          | 12.0          | 12.1          | 12.0          | 12.3          | 13.0          |
| 0700        | 10.9          | 10.9          | 11.3          | 11.7          | 11.5          | 12.3          | 12.8          |
| 0800        | 11.0          | 10.8          | 11.1          | 11.4          | 11.2          | 12.2          | 12.6          |
| 0900        | 11.2          | 10.9          | 11.1          | 11.4          | 10.8          | 12.0          | 12.4          |
| 1000        | 11.5          | 11.1          | 11.2          | 11.3          | 10.8          | 11.8          | 12.2          |
| 1100        | 11.9          | 11.4          | 11.6          | 11.5          | 10.9          | 11.6          | 12.0          |
| 1200        | 12.2          | 11.7          | 12.0          | 11.8          | 11.1          | 11.5          | 11.8          |
| 1300        | 12.8          | 12.0          | 12.3          | 12.1          | 11.4          | 11.4          | 11.7          |
| 1400        | 13.2          | 12.4          | 12.7          | 12.5          | 11.6          | 11.6          | 11.8          |
| 1500        | 13.4          | 12.8          | 13.1          | 12.8          | 11.9          | 11.8          | 11.9          |
| 1600        | 13.4          | 13.1          | 13.3          | 13.1          | 12.2          | 12.0          | 12.1          |
| 1700        | 13.3          | 13.2          | 13.5          | 13.2          | 12.7          | 12.4          | 12.4          |
| 1800        | 13.2          | 13.2          | 13.6          | 13.3          | 13.2          | 12.6          | 12.8          |
| 1900        | 13.0          | 13.1          | 13.5          | 13.4          | 13.4          | 13.0          | 13.0          |
| 2000        | 12.9          | 13.0          | 13.4          | 13.4          | 13.5          | 13.3          | 13.2          |
| 2100        | 12.9          | 13.0          | 13.3          | 13.4          | 13.6          | 13.4          | 13.3          |
| 2200        | 12.9          | 13.0          | 13.3          | 13.5          | 13.6          | 13.4          | 13.4          |
| 2300        | 12.9          | 13.0          | 13.1          | 13.3          | 13.7          | 13.4          | 13.4          |
| <u>SUM</u>  | 296.5         | 294.4         | 302.9         | 302.7         | 296.3         | 301.0         | 305.3         |
| <u>MEAN</u> | 12.4          | 12.3          | 12.6          | 12.6          | 12.3          | 12.5          | 12.7          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Oct.22</u> | <u>Oct.23</u> | <u>Oct.24</u> | <u>Oct.25</u> | <u>Oct.26</u> | <u>Oct.27</u> | <u>Oct.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.4          | 13.5          | 12.9          | 13.1          | 13.1          | 12.9          | 12.8          |
| 0100        | 13.2          | 13.3          | 12.8          | 13.1          | 13.1          | 12.8          | 12.8          |
| 0200        | 13.2          | 13.3          | 12.7          | 13.1          | 12.9          | 12.6          | 12.7          |
| 0300        | 13.2          | 13.1          | 12.7          | 12.9          | 12.7          | 12.4          | 12.5          |
| 0400        | 13.1          | 13.1          | 12.6          | 12.8          | 12.5          | 12.1          | 12.3          |
| 0500        | 12.8          | 13.0          | 12.3          | 12.7          | 12.4          | 12.1          | 12.0          |
| 0600        | 12.7          | 12.9          | 12.0          | 12.6          | 12.2          | 12.0          | 11.8          |
| 0700        | 12.3          | 12.7          | 12.0          | 12.5          | 12.2          | 12.0          | 11.6          |
| 0800        | 12.1          | 12.6          | 12.0          | 12.4          | 12.2          | 12.2          | 11.6          |
| 0900        | 11.9          | 12.3          | 12.0          | 12.4          | 12.2          | 12.4          | 11.8          |
| 1000        | 11.8          | 12.2          | 11.9          | 12.4          | 12.3          | 12.5          | 12.0          |
| 1100        | 11.6          | 12.0          | 11.8          | 12.4          | 12.4          | 12.7          | 12.3          |
| 1200        | 11.5          | 11.9          | 11.7          | 12.3          | 12.4          | 12.9          | 12.7          |
| 1300        | 11.4          | 12.0          | 11.6          | 12.2          | 12.3          | 12.9          | 12.9          |
| 1400        | 11.4          | 11.8          | 11.6          | 12.0          | 12.2          | 12.8          | 13.0          |
| 1500        | 11.5          | 11.5          | 11.7          | 11.9          | 12.0          | 12.6          | 13.0          |
| 1600        | 11.7          | 11.0          | 11.8          | 11.9          | 11.9          | 12.4          | 12.9          |
| 1700        | 12.0          | 11.1          | 11.8          | 12.0          | 11.3          | 12.3          | 12.7          |
| 1800        | 12.4          | 11.6          | 11.9          | 11.9          | 11.8          | 12.2          | 12.5          |
| 1900        | 12.7          | 12.4          | 12.1          | 12.1          | 11.9          | 12.2          | 12.3          |
| 2000        | 12.9          | 12.6          | 12.3          | 12.2          | 12.1          | 12.2          | 12.3          |
| 2100        | 13.2          | 12.4          | 12.4          | 12.4          | 12.3          | 12.3          | 12.4          |
| 2200        | 13.4          | 12.8          | 12.8          | 12.7          | 12.6          | 12.5          | 12.4          |
| 2300        | 13.5          | 13.0          | 13.0          | 12.9          | 12.8          | 12.7          | 12.5          |
| <u>SUM</u>  | 298.9         | 298.1         | 292.4         | 298.9         | 296.3         | 298.7         | 297.8         |
| <u>MEAN</u> | 12.5          | 12.4          | 12.2          | 12.5          | 12.3          | 12.4          | 12.4          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Oct.29</u> | <u>Oct.30</u> | <u>Oct.31</u> |
|-------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |
| 0000        | 12.6          | -             | -             |
| 0100        | 12.6          | -             | -             |
| 0200        | 12.3          | -             | -             |
| 0300        | 12.0          | -             | -             |
| 0400        | 11.7          | -             | -             |
| 0500        | 11.4          | -             | -             |
| 0600        | 11.1          | -             | -             |
| 0700        | 11.1          | -             | -             |
| 0800        | 11.2          | -             | -             |
| 0900        | 11.5          | -             | -             |
| 1000        | 11.7          | -             | -             |
| 1100        | 12.1          | -             | -             |
| 1200        | 12.5          | -             | -             |
| 1300        | 13.0          | -             | -             |
| 1400        | 13.4          | -             | -             |
| 1500        | 13.4          | -             | -             |
| 1600        | 13.6          | -             | -             |
| 1700        | 13.1          | -             | -             |
| 1800        | 12.9          | -             | -             |
| 1900        | 12.8          | -             | -             |
| 2000        | 12.8          | -             | -             |
| 2100        | 12.9          | -             | -             |
| 2200        | -             | -             | -             |
| 2300        | -             | -             | -             |
|             |               |               |               |
| <u>SUM</u>  | 271.7         | -             | -             |
|             |               |               |               |
| <u>MEAN</u> | 12.4          | -             | -             |

MEAN FOR MONTH

12.3



# WATER LEVEL

1951

| <u>DATE</u> | <u>Nov. 1</u> | <u>Nov. 2</u> | <u>Nov. 3</u> | <u>Nov. 4</u> | <u>Nov. 5</u> | <u>Nov. 6</u> | <u>Nov. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | 13.1          | 12.9          | 13.7          | 10.9          |
| 0100        | -             | -             | -             | 13.1          | 12.8          | 13.5          | 10.8          |
| 0200        | -             | -             | -             | 13.0          | 12.8          | 13.2          | 10.6          |
| 0300        | -             | -             | -             | 13.0          | 12.6          | 13.1          | 10.5          |
| 0400        | -             | -             | -             | 12.8          | 12.5          | 13.0          | 10.6          |
| 0500        | -             | -             | -             | 12.5          | 12.3          | 12.8          | 11.1          |
| 0600        | -             | -             | -             | 12.1          | 12.2          | 13.8          | 11.2          |
| 0700        | -             | -             | -             | 11.6          | 11.9          | 13.3          | 11.3          |
| 0800        | -             | -             | -             | 11.0          | 11.7          | 11.9          | 11.4          |
| 0900        | -             | -             | -             | 10.7          | 11.5          | 11.3          | 11.4          |
| 1000        | -             | -             | -             | 10.5          | 11.2          | 10.6          | 11.5          |
| 1100        | -             | -             | -             | 10.4          | 10.9          | 10.2          | 11.4          |
| 1200        | -             | -             | -             | 10.6          | 10.7          | 10.1          | 11.1          |
| 1300        | -             | -             | 10.9          | 10.8          | 10.8          | 9.8           | 10.8          |
| 1400        | -             | -             | 11.3          | 11.0          | 11.0          | 9.5           | 10.7          |
| 1500        | -             | -             | 11.9          | 11.3          | 11.3          | 9.9           | 10.4          |
| 1600        | -             | -             | 12.3          | 11.5          | 11.7          | 10.3          | 10.4          |
| 1700        | -             | -             | 12.9          | 11.9          | 12.1          | 10.4          | 10.6          |
| 1800        | -             | -             | 13.0          | 12.2          | 12.5          | 10.5          | 10.7          |
| 1900        | -             | -             | 13.2          | 12.7          | 12.9          | 10.5          | 11.0          |
| 2000        | -             | -             | 13.2          | 12.9          | 13.1          | 10.5          | 11.2          |
| 2100        | -             | -             | 13.3          | 13.0          | 13.5          | 10.8          | 11.4          |
| 2200        | -             | -             | 13.1          | 13.0          | 13.7          | 10.9          | 11.4          |
| 2300        | -             | -             | 13.1          | 13.0          | 13.8          | 11.0          | 11.4          |
|             |               |               |               |               |               |               |               |
| <u>SUM</u>  | -             | -             | 138.2         | 287.7         | 292.4         | 274.6         | 263.8         |
| <u>MEAN</u> | -             | -             | 12.6          | 12.0          | 12.2          | 11.4          | 11.0          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Nov. 8</u> | <u>Nov. 9</u> | <u>Nov. 10</u> | <u>Nov. 11</u> | <u>Nov. 12</u> | <u>Nov. 13</u> | <u>Nov. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 11.3          | 12.1          | 12.0           | 12.2           | 12.5           | 13.0           | 13.0           |
| 0100        | 11.2          | 11.9          | 11.9           | 12.1           | 12.4           | 12.8           | 12.9           |
| 0200        | 11.2          | 11.7          | 11.5           | 11.9           | 12.1           | 12.4           | 12.5           |
| 0300        | 11.3          | 11.4          | 11.3           | 11.6           | 11.7           | 12.1           | 12.1           |
| 0400        | 11.3          | 11.2          | 11.1           | 11.3           | 11.4           | 11.8           | 11.6           |
| 0500        | 11.5          | 11.1          | 11.0           | 11.1           | 11.1           | 11.5           | 11.1           |
| 0600        | 11.6          | 11.2          | 11.0           | 10.9           | 10.9           | 11.2           | 10.8           |
| 0700        | 11.8          | 11.2          | 11.0           | 11.0           | 10.9           | 11.1           | 10.7           |
| 0800        | 12.0          | 11.3          | 11.1           | 11.2           | 11.1           | 11.2           | 10.7           |
| 0900        | 12.1          | 11.6          | 11.3           | 11.5           | 11.4           | 11.2           | 11.0           |
| 1000        | 12.3          | 11.8          | 11.5           | 11.8           | 11.8           | 11.4           | 11.2           |
| 1100        | 12.3          | 11.9          | 11.9           | 12.3           | 12.2           | 11.6           | 11.5           |
| 1200        | 12.2          | 12.1          | 12.2           | 12.6           | 12.6           | 12.0           | 11.9           |
| 1300        | 12.0          | 12.2          | 12.4           | 13.0           | 13.1           | 12.7           | 12.3           |
| 1400        | 11.8          | 12.0          | 12.4           | 13.1           | 13.2           | 13.2           | 12.6           |
| 1500        | 11.6          | 11.9          | 12.3           | 13.1           | 13.3           | 13.4           | 12.9           |
| 1600        | 11.5          | 11.7          | 12.0           | 13.0           | 13.2           | 13.3           | 13.2           |
| 1700        | 11.5          | 11.6          | 11.9           | 12.9           | 13.1           | 13.2           | 13.3           |
| 1800        | 11.6          | 11.6          | 11.9           | 12.8           | 13.0           | 13.1           | 13.1           |
| 1900        | 11.7          | 11.7          | 12.0           | 12.8           | 12.8           | 12.8           | 13.1           |
| 2000        | 11.9          | 11.8          | 12.1           | 12.7           | 13.1           | 12.6           | 13.0           |
| 2100        | 12.0          | 11.9          | 12.2           | 12.7           | 13.2           | 12.9           | 13.0           |
| 2200        | 12.1          | 12.0          | 12.3           | 12.6           | 13.1           | 13.0           | 13.2           |
| 2300        | 12.2          | 12.1          | 12.3           | 12.6           | 13.1           | 13.1           | 13.2           |
| <u>SUM</u>  | 282.0         | 281.0         | 282.5          | 292.8          | 296.3          | 296.6          | 293.9          |
| <u>MEAN</u> | 11.8          | 11.7          | 11.8           | 12.2           | 12.3           | 12.4           | 12.2           |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Nov.15</u> | <u>Nov.16</u> | <u>Nov.17</u> | <u>Nov.18</u> | <u>Nov.19</u> | <u>Nov.20</u> | <u>Nov.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.1          | 13.2          | 12.2          | 11.6          | 12.3          | 12.1          | 12.4          |
| 0100        | 12.9          | 13.0          | 12.3          | 11.8          | 12.2          | 12.0          | 12.3          |
| 0200        | 12.7          | 13.0          | 12.3          | 11.8          | 12.1          | 12.1          | 12.3          |
| 0300        | 12.4          | 12.8          | 12.3          | 11.8          | 12.0          | 12.0          | 12.4          |
| 0400        | 12.0          | 12.4          | 12.0          | 11.8          | 11.8          | 11.9          | 12.4          |
| 0500        | 11.6          | 12.2          | 11.6          | 11.6          | 11.6          | 11.9          | 12.4          |
| 0600        | 11.4          | 11.4          | 10.9          | 11.2          | 11.2          | 11.7          | 12.2          |
| 0700        | 11.0          | 10.7          | 10.0          | 10.9          | 10.9          | 11.5          | 12.1          |
| 0800        | 10.7          | 9.8           | 9.6           | 10.6          | 10.7          | 11.3          | 12.0          |
| 0900        | 10.6          | 9.6           | 9.1           | 10.5          | 10.5          | 11.1          | 11.8          |
| 1000        | 11.0          | 9.5           | 9.0           | 10.5          | 10.4          | 11.0          | 11.7          |
| 1100        | 11.3          | 10.2          | 9.3           | 10.5          | 10.3          | 10.8          | 11.7          |
| 1200        | 11.7          | 10.7          | 9.8           | 10.6          | 10.2          | 10.9          | 11.6          |
| 1300        | 12.1          | 11.2          | 10.3          | 11.1          | 10.5          | 11.0          | 11.6          |
| 1400        | 12.4          | 11.5          | 10.7          | 11.2          | 10.6          | 11.1          | 11.6          |
| 1500        | 12.7          | 11.7          | 11.0          | 11.5          | 10.9          | 11.4          | 11.6          |
| 1600        | 13.0          | 11.7          | 11.3          | 11.7          | 11.2          | 11.6          | 11.7          |
| 1700        | 13.2          | 11.7          | 11.4          | 12.0          | 11.5          | 11.8          | 11.8          |
| 1800        | 13.4          | 11.6          | 11.4          | 12.1          | 11.9          | 12.0          | 12.0          |
| 1900        | 13.5          | 12.0          | 11.5          | 12.3          | 12.0          | 12.2          | 12.3          |
| 2000        | 13.5          | 12.0          | (11.5)        | 12.3          | 12.2          | 12.3          | 12.6          |
| 2100        | 13.5          | 11.8          | (11.4)        | 12.4          | 12.2          | 12.4          | 12.7          |
| 2200        | 13.5          | 12.0          | (11.4)        | 12.3          | 12.2          | 12.5          | 12.8          |
| 2300        | 13.3          | 12.0          | 11.5          | 12.3          | 12.1          | 12.5          | 12.7          |
| <u>SUM</u>  | 296.5         | 277.7         | 263.8         | 276.4         | 273.5         | 281.1         | 290.7         |
| <u>MEAN</u> | 12.4          | 11.6          | 11.0          | 11.5          | 11.4          | 11.7          | 12.1          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Nov.22</u> | <u>Nov.23</u> | <u>Nov.24</u> | <u>Nov.25</u> | <u>Nov.26</u> | <u>Nov.27</u> | <u>Nov.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.6          | 12.8          | 12.6          | 12.5          | 12.5          | 12.3          | 12.6          |
| 0100        | 12.3          | 12.6          | 12.3          | 12.2          | 12.1          | 12.1          | 12.3          |
| 0200        | 12.2          | 12.4          | 12.2          | 11.8          | 11.8          | 11.8          | 12.0          |
| 0300        | 12.4          | 12.3          | 11.9          | 11.4          | 11.3          | 11.2          | 11.4          |
| 0400        | 12.6          | 12.2          | 11.7          | 11.2          | 10.9          | 10.7          | 11.0          |
| 0500        | 12.6          | 12.2          | 11.5          | 11.3          | 10.8          | 10.5          | 10.5          |
| 0600        | 12.5          | 12.2          | 11.6          | 11.5          | 10.8          | 10.4          | 10.0          |
| 0700        | 12.5          | 12.2          | 11.8          | 11.7          | 11.0          | 10.6          | 10.0          |
| 0800        | 12.5          | 12.2          | 12.0          | 11.8          | 11.2          | 10.8          | 10.3          |
| 0900        | 12.5          | 12.2          | 12.2          | 12.1          | 11.6          | 11.2          | 10.5          |
| 1000        | 12.4          | 12.4          | 12.3          | 12.5          | 11.8          | 10.7          | 10.8          |
| 1100        | 12.3          | 12.6          | 12.4          | 12.7          | 12.1          | 10.3          | 11.3          |
| 1200        | 12.1          | 12.5          | 12.5          | 12.8          | 12.4          | 10.9          | 11.8          |
| 1300        | 12.0          | 12.3          | 12.5          | 12.8          | 12.6          | 11.9          | 12.3          |
| 1400        | 11.9          | 12.1          | 12.4          | 12.7          | 12.8          | 12.2          | 12.7          |
| 1500        | 11.9          | 11.9          | 12.2          | 12.7          | 12.8          | 12.6          | 12.9          |
| 1600        | 11.9          | 12.0          | 12.2          | 12.7          | 12.7          | 12.8          | 13.0          |
| 1700        | 11.9          | 12.1          | 12.2          | 12.7          | 12.6          | 13.0          | 13.0          |
| 1800        | 12.2          | 12.3          | 12.2          | 12.7          | 12.5          | 12.8          | 13.1          |
| 1900        | 12.3          | 12.5          | 12.1          | 12.6          | 12.5          | 12.2          | 13.2          |
| 2000        | 12.5          | 12.6          | 12.4          | 12.7          | 12.4          | 12.0          | 13.2          |
| 2100        | 12.8          | 12.7          | 12.6          | 12.7          | 12.5          | 11.9          | 13.0          |
| 2200        | 13.0          | 12.8          | 12.7          | 12.7          | 12.4          | 12.2          | 12.9          |
| 2300        | 12.9          | 12.7          | 12.7          | 12.6          | 12.5          | 12.6          | 12.6          |
| <u>SUM</u>  | 296.8         | 296.8         | 293.2         | 295.1         | 288.6         | 279.7         | 286.4         |
| <u>MEAN</u> | 12.4          | 12.4          | 12.2          | 12.3          | 12.0          | 11.7          | 11.9          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Nov.29</u> | <u>Nov.30</u> |
|-------------|---------------|---------------|
| <u>TIME</u> |               |               |
| 0000        | 12.4          | 12.7          |
| 0100        | 12.4          | 12.7          |
| 0200        | 12.3          | 12.6          |
| 0300        | 12.0          | 12.3          |
| 0400        | 11.5          | 11.9          |
| 0500        | 10.9          | 11.3          |
| 0600        | 10.4          | 10.6          |
| 0700        | 9.8           | 9.9           |
| 0800        | 9.7           | 9.7           |
| 0900        | 9.8           | 9.9           |
| 1000        | 10.3          | 10.1          |
| 1100        | 10.8          | 10.5          |
| 1200        | 11.2          | 10.9          |
| 1300        | 11.8          | 11.4          |
| 1400        | 12.1          | 11.8          |
| 1500        | 12.8          | 12.4          |
| 1600        | 13.1          | 12.7          |
| 1700        | 13.2          | 13.0          |
| 1800        | 13.3          | 13.1          |
| 1900        | 13.1          | 13.2          |
| 2000        | 13.1          | 13.2          |
| 2100        | 13.0          | 13.3          |
| 2200        | 12.9          | 13.2          |
| 2300        | 12.8          | 13.1          |
|             |               |               |
| <u>SUM</u>  | 284.7         | 285.5         |
|             |               |               |
| <u>MEAN</u> | 11.9          | 11.9          |

MEAN FOR MONTH

11.9

# WATER LEVEL

1951

| <u>DATE</u> | <u>Dec. 1</u> | <u>Dec. 2</u> | <u>Dec. 3</u> | <u>Dec. 4</u> | <u>Dec. 5</u> | <u>Dec. 6</u> | <u>Dec. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.9          | 13.3          | 13.2          | 12.7          | 13.3          | 13.3          | 12.7          |
| 0100        | 12.8          | 13.2          | 13.2          | 12.9          | 13.2          | 13.1          | 12.3          |
| 0200        | 12.8          | 13.0          | 13.2          | 12.8          | 13.1          | 13.0          | 12.1          |
| 0300        | 12.7          | 12.9          | 13.2          | 12.8          | 12.8          | 12.7          | 12.0          |
| 0400        | 12.5          | 12.7          | 13.1          | 12.8          | 12.7          | 12.4          | 11.9          |
| 0500        | 11.8          | 12.4          | 13.1          | 12.9          | 13.2          | 12.2          | 11.9          |
| 0600        | 11.2          | 12.0          | 12.9          | 12.7          | 12.7          | 12.4          | 12.1          |
| 0700        | 10.5          | 11.4          | 12.4          | 12.4          | 12.4          | 12.9          | 12.2          |
| 0800        | 10.0          | 10.7          | 12.1          | 12.1          | 12.7          | 13.0          | 12.3          |
| 0900        | 9.9           | 10.2          | 11.5          | 11.7          | 12.2          | 13.3          | 12.5          |
| 1000        | 10.2          | 10.1          | 11.2          | 11.5          | 12.0          | 13.3          | 12.6          |
| 1100        | 10.5          | 10.3          | 11.0          | 11.5          | 11.8          | 13.0          | 12.8          |
| 1200        | 10.8          | 10.6          | 11.0          | 11.5          | 11.5          | 12.6          | 12.7          |
| 1300        | 11.2          | 10.9          | 11.2          | 11.7          | 11.4          | 12.1          | 12.6          |
| 1400        | 11.6          | 11.2          | 11.4          | 11.8          | 11.4          | 11.9          | 12.5          |
| 1500        | 12.1          | 11.6          | 11.8          | 11.9          | 11.5          | 11.9          | 12.4          |
| 1600        | 12.6          | 12.1          | 12.1          | 12.0          | 11.6          | 12.1          | 12.4          |
| 1700        | 13.0          | 12.6          | 12.6          | 12.4          | 11.8          | 12.5          | 12.5          |
| 1800        | 13.2          | 12.8          | 12.9          | 12.8          | 12.0          | 12.8          | 12.6          |
| 1900        | 13.3          | 13.1          | 13.1          | 13.2          | 12.5          | 12.9          | 12.5          |
| 2000        | 13.3          | 13.2          | 13.2          | 13.4          | 12.8          | 13.0          | 12.5          |
| 2100        | 13.4          | 13.2          | 13.2          | 13.4          | 13.1          | 13.1          | 12.5          |
| 2200        | 13.4          | 13.2          | 13.3          | 13.5          | 13.2          | 13.0          | 12.6          |
| 2300        | 13.4          | 13.2          | 13.1          | 13.4          | 13.3          | 12.8          | 12.6          |
| <u>SUM</u>  | 289.1         | 289.9         | 299.0         | 299           | 298.2         | 305.3         | 297.8         |
| <u>MEAN</u> | 12.0          | 12.1          | 12.5          | 12.5          | 12.4          | 12.7          | 12.4          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Dec. 8</u> | <u>Dec. 9</u> | <u>Dec. 10</u> | <u>Dec. 11</u> | <u>Dec. 12</u> | <u>Dec. 13</u> | <u>Dec. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.5          | 12.2          | 12.0           | 12.6           | 12.1           | -              | -              |
| 0100        | 12.3          | 12.3          | 12.0           | 12.4           | 11.8           | -              | -              |
| 0200        | 12.0          | 12.4          | 11.8           | 12.1           | 11.6           | -              | -              |
| 0300        | 11.7          | 11.8          | 11.5           | 11.7           | 11.5           | -              | -              |
| 0400        | 11.5          | 11.2          | 11.2           | 11.4           | 11.1           | -              | -              |
| 0500        | 11.6          | 10.6          | 11.0           | 10.7           | 10.7           | -              | -              |
| 0600        | 11.5          | 10.4          | 10.7           | 10.3           | 10.3           | -              | -              |
| 0700        | 11.7          | 10.3          | 10.5           | 10.1           | 10.2           | -              | -              |
| 0800        | 11.9          | 10.3          | 10.4           | 10.3           | 10.2           | -              | -              |
| 0900        | 12.3          | 10.8          | 10.5           | 10.7           | 10.3           | -              | -              |
| 1000        | 12.8          | 11.2          | 10.8           | 11.0           | 10.6           | -              | -              |
| 1100        | 13.2          | 11.7          | 11.5           | 11.2           | 11.1           | -              | -              |
| 1200        | 13.2          | 12.0          | 12.0           | 11.3           | 11.3           | -              | -              |
| 1300        | 13.2          | 12.3          | 12.6           | 11.8           | 11.8           | -              | -              |
| 1400        | 13.2          | 12.6          | 12.8           | 11.9           | -              | -              | -              |
| 1500        | 13.1          | 12.5          | 12.8           | 12.1           | -              | -              | -              |
| 1600        | 13.0          | 12.4          | 12.8           | 12.4           | -              | -              | -              |
| 1700        | 13.0          | 12.0          | 12.7           | 12.5           | -              | -              | -              |
| 1800        | 13.0          | 11.9          | 12.5           | 12.6           | -              | -              | -              |
| 1900        | 12.9          | 11.8          | 12.4           | 12.6           | -              | -              | -              |
| 2000        | 12.8          | 11.8          | 12.4           | 12.5           | -              | -              | -              |
| 2100        | 12.8          | 12.0          | 12.5           | 12.3           | -              | -              | -              |
| 2200        | 12.7          | 11.9          | 12.4           | 12.2           | -              | -              | -              |
| 2300        | 12.7          | 11.9          | 12.5           | 12.1           | -              | -              | -              |
| <u>SUM</u>  | 300.6         | 280.3         | 284.3          | 280.8          | 154.6          | -              | -              |
| <u>MEAN</u> | 12.5          | 11.7          | 11.8           | 11.7           | 11.0           | -              | -              |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Dec.15</u> | <u>Dec.16</u> | <u>Dec.17</u> | <u>Dec.18</u> | <u>Dec.19</u> | <u>Dec.20</u> | <u>Dec.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | 13.0          | 13.9          | 12.3          | 13.2          | 12.7          |
| 0100        | -             | -             | 13.0          | 13.7          | 12.2          | 12.9          | 12.3          |
| 0200        | -             | -             | 12.9          | 13.5          | 12.6          | 12.8          | 12.0          |
| 0300        | -             | -             | 12.8          | 13.4          | 12.7          | 12.8          | 11.7          |
| 0400        | -             | -             | 12.5          | 13.4          | 12.7          | 12.9          | 11.3          |
| 0500        | -             | -             | 12.1          | 12.7          | 12.9          | 13.0          | 11.0          |
| 0600        | -             | -             | 11.6          | 11.9          | 12.7          | 13.0          | 9.7           |
| 0700        | -             | -             | 11.5          | 10.9          | 12.1          | 13.1          | 9.6           |
| 0800        | -             | -             | 11.4          | 10.7          | 12.0          | 13.1          | 10.3          |
| 0900        | -             | 10.4          | 11.3          | 10.1          | 11.8          | 12.9          | 11.6          |
| 1000        | -             | 10.4          | 11.3          | 10.1          | 12.1          | 12.9          | 12.1          |
| 1100        | -             | 10.6          | 11.5          | 10.2          | 12.4          | 12.9          | 12.3          |
| 1200        | -             | 11.1          | 11.6          | 10.6          | 12.5          | 12.9          | 12.3          |
| 1300        | -             | 11.7          | 11.8          | 11.0          | 12.2          | 13.2          | 11.2          |
| 1400        | -             | 12.0          | 12.1          | 11.3          | 12.1          | 13.1          | 10.7          |
| 1500        | -             | 12.4          | 12.4          | 11.0          | 12.3          | 12.6          | 10.3          |
| 1600        | -             | 12.7          | 12.8          | 10.8          | 12.4          | 12.4          | 11.0          |
| 1700        | -             | 13.0          | 13.2          | 10.9          | 12.8          | 12.4          | 12.6          |
| 1800        | -             | 13.1          | 13.4          | 11.5          | 13.1          | 12.3          | 13.0          |
| 1900        | -             | 13.1          | 13.5          | 12.1          | 13.5          | 12.5          | 12.2          |
| 2000        | -             | 13.0          | 13.6          | 12.1          | 13.6          | 12.8          | 12.0          |
| 2100        | -             | 13.0          | 13.8          | 12.1          | 13.8          | 13.0          | 11.5          |
| 2200        | -             | 13.0          | 13.9          | 12.3          | 13.7          | 13.2          | 11.0          |
| 2300        | -             | 13.0          | 13.9          | 12.4          | 13.5          | 12.9          | 10.7          |
| <u>SUM</u>  | -             | 182.5         | 300.9         | 282.6         | 304.0         | 308.8         | 275.1         |
| <u>MEAN</u> | -             | 12.2          | 12.5          | 11.8          | 12.7          | 12.9          | 11.5          |



# WATER LEVEL

1951

| <u>DATE</u> | <u>Dec.22</u> | <u>Dec.23</u> | <u>Dec.24</u> | <u>Dec.25</u> | <u>Dec.26</u> | <u>Dec.27</u> | <u>Dec.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.0          | 12.7          | -             | -             | -             | 11.3          | 12.9          |
| 0100        | 11.0          | 12.4          | -             | -             | -             | 10.8          | 13.0          |
| 0200        | 10.8          | 12.1          | -             | -             | -             | 10.7          | 12.8          |
| 0300        | 10.5          | 11.7          | -             | -             | -             | 10.5          | 12.3          |
| 0400        | 10.5          | 11.3          | -             | -             | -             | 10.1          | 11.8          |
| 0500        | 10.8          | 11.1          | -             | -             | -             | 9.6           | 11.1          |
| 0600        | 11.0          | 11.2          | -             | -             | -             | 9.3           | 10.5          |
| 0700        | 11.2          | 11.4          | -             | -             | -             | 8.9           | 9.9           |
| 0800        | 11.3          | 11.6          | -             | -             | -             | 8.6           | 9.7           |
| 0900        | 11.6          | 12.0          | -             | -             | -             | 8.8           | 10.0          |
| 1000        | 11.7          | 12.1          | -             | -             | -             | 9.2           | 10.3          |
| 1100        | 11.8          | 12.3          | -             | -             | -             | 9.8           | 10.7          |
| 1200        | 11.8          | 12.3          | -             | -             | -             | 10.6          | 11.2          |
| 1300        | 11.9          | 12.6          | -             | -             | -             | 11.6          | 11.8          |
| 1400        | 12.0          | 12.6          | -             | -             | -             | 12.4          | 12.3          |
| 1500        | 12.2          | 12.6          | -             | -             | -             | 13.0          | 13.0          |
| 1600        | 12.5          | 12.7          | -             | -             | -             | 13.2          | 13.4          |
| 1700        | 12.8          | 12.7          | -             | -             | -             | 13.1          | 13.5          |
| 1800        | 12.8          | 12.7          | -             | -             | -             | 13.0          | 13.6          |
| 1900        | 13.0          | 12.8          | -             | -             | 12.1          | 12.8          | 13.5          |
| 2000        | 13.2          | 12.7          | -             | -             | 12.0          | 12.7          | 13.4          |
| 2100        | 13.2          | -             | -             | -             | 11.9          | 12.6          | 13.2          |
| 2200        | 13.1          | -             | -             | -             | 11.9          | 12.7          | 13.2          |
| 2300        | 13.0          | -             | -             | -             | 11.6          | 12.8          | 13.3          |
| <u>SUM</u>  | 284.7         | 255.6         | -             | -             | 59.5          | 268.1         | 290.4         |
| <u>MEAN</u> | 11.9          | 12.2          | -             | -             | 11.9          | 11.2          | 12.1          |

# WATER LEVEL

1951

| <u>DATE</u> | <u>Dec.29</u> | <u>Dec.30</u> | <u>Dec.31</u> |
|-------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |
| 0000        | 13.3          | 13.2          | 12.9          |
| 0100        | 13.2          | 13.2          | 12.9          |
| 0200        | 13.1          | 13.1          | 13.0          |
| 0300        | 12.7          | 12.9          | 13.0          |
| 0400        | 12.2          | 12.7          | 12.9          |
| 0500        | 11.4          | 12.4          | 12.8          |
| 0600        | 10.7          | 11.9          | 12.4          |
| 0700        | 9.9           | 11.3          | 11.9          |
| 0800        | 9.6           | 10.8          | 11.3          |
| 0900        | 9.7           | 10.2          | 10.8          |
| 1000        | 10.1          | 10.0          | 10.5          |
| 1100        | 10.6          | 10.0          | 10.7          |
| 1200        | 11.0          | 10.3          | 11.0          |
| 1300        | 11.5          | 10.6          | 11.4          |
| 1400        | 11.9          | 10.8          | 11.6          |
| 1500        | 12.3          | 11.2          | 11.9          |
| 1600        | 12.7          | 11.6          | 12.3          |
| 1700        | 13.1          | 12.1          | 12.7          |
| 1800        | 13.2          | 12.6          | 13.0          |
| 1900        | 13.1          | 12.9          | 13.1          |
| 2000        | 13.1          | 13.1          | 13.1          |
| 2100        | 13.1          | 13.0          | 13.1          |
| 2200        | 13.1          | 13.0          | 13.1          |
| 2300        | 13.2          | 12.9          | 13.1          |
|             |               |               |               |
| <u>SUM</u>  | 287.8         | 285.8         | 294.5         |
|             |               |               |               |
| <u>MEAN</u> | 12.0          | 11.9          | 12.3          |

MEAN FOR MONTH

12.1

# WATER LEVEL

1952

| <u>DATE</u> | <u>Jan. 1</u> | <u>Jan. 2</u> | <u>Jan. 3</u> | <u>Jan. 4</u> | <u>Jan. 5</u> | <u>Jan. 6</u> | <u>Jan. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.0          | -             | -             | -             | -             | -             | -             |
| 0100        | 13.0          | -             | -             | -             | -             | -             | -             |
| 0200        | 12.9          | -             | -             | -             | -             | -             | -             |
| 0300        | 12.8          | -             | -             | -             | -             | -             | -             |
| 0400        | 12.8          | -             | -             | -             | -             | -             | -             |
| 0500        | 12.8          | -             | -             | -             | -             | -             | -             |
| 0600        | 12.7          | -             | -             | -             | -             | -             | -             |
| 0700        | 12.3          | -             | -             | -             | -             | -             | -             |
| 0800        | 11.9          | -             | -             | -             | -             | -             | -             |
| 0900        | 11.5          | -             | -             | -             | -             | -             | -             |
| 1000        | 11.2          | -             | -             | -             | -             | -             | -             |
| 1100        | 10.8          | -             | -             | -             | -             | -             | -             |
| 1200        | 10.9          | -             | -             | -             | -             | -             | -             |
| 1300        | 11.1          | -             | -             | -             | -             | -             | -             |
| 1400        | 11.3          | -             | -             | -             | -             | -             | -             |
| 1500        | 11.6          | -             | -             | -             | -             | -             | -             |
| 1600        | 11.9          | -             | -             | -             | -             | -             | -             |
| 1700        | 12.3          | -             | -             | -             | -             | -             | -             |
| 1800        | 12.5          | -             | -             | -             | -             | -             | -             |
| 1900        | 12.6          | -             | -             | -             | -             | -             | -             |
| 2000        | 12.7          | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | 254.6         | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | 12.1          | -             | -             | -             | -             | -             | -             |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Jan. 8</u> | <u>Jan. 9</u> | <u>Jan. 10</u> | <u>Jan. 11</u> | <u>Jan. 12</u> | <u>Jan. 13</u> | <u>Jan. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | -             | -              | -              | -              | -              | -              |
| 0100        | -             | -             | -              | -              | -              | -              | -              |
| 0200        | -             | -             | -              | -              | -              | -              | -              |
| 0300        | -             | -             | -              | -              | -              | -              | -              |
| 0400        | -             | -             | -              | -              | -              | -              | -              |
| 0500        | -             | -             | -              | -              | -              | -              | -              |
| 0600        | -             | -             | -              | -              | -              | -              | -              |
| 0700        | -             | -             | -              | -              | -              | -              | -              |
| 0800        | -             | -             | -              | -              | -              | -              | -              |
| 0900        | -             | -             | -              | -              | -              | -              | -              |
| 1000        | -             | -             | -              | -              | -              | -              | -              |
| 1100        | -             | -             | -              | -              | -              | -              | -              |
| 1200        | -             | -             | -              | -              | -              | -              | -              |
| 1300        | -             | -             | -              | -              | -              | -              | -              |
| 1400        | -             | -             | -              | -              | -              | -              | -              |
| 1500        | -             | -             | -              | -              | -              | -              | -              |
| 1600        | -             | -             | -              | -              | -              | -              | -              |
| 1700        | -             | -             | -              | -              | -              | -              | -              |
| 1800        | -             | -             | -              | -              | -              | -              | -              |
| 1900        | -             | -             | -              | -              | -              | -              | -              |
| 2000        | -             | -             | -              | -              | -              | -              | -              |
| 2100        | -             | -             | -              | -              | -              | -              | -              |
| 2200        | -             | -             | -              | -              | -              | -              | -              |
| 2300        | -             | -             | -              | -              | -              | -              | -              |
| <u>SUM</u>  | -             | -             | -              | -              | -              | -              | -              |
| <u>MEAN</u> | -             | -             | -              | -              | -              | -              | -              |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Jan.15</u> | <u>Jan.16</u> | <u>Jan.17</u> | <u>Jan.18</u> | <u>Jan.19</u> | <u>Jan.20</u> | <u>Jan.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | -             | -             |
| 0100        | -             | -             | -             | -             | -             | -             | -             |
| 0200        | -             | -             | -             | -             | -             | -             | -             |
| 0300        | -             | -             | -             | -             | -             | -             | -             |
| 0400        | -             | -             | -             | -             | -             | -             | -             |
| 0500        | -             | -             | -             | -             | -             | -             | -             |
| 0600        | -             | -             | -             | -             | -             | -             | -             |
| 0700        | -             | -             | -             | -             | -             | -             | -             |
| 0800        | -             | -             | -             | -             | -             | -             | -             |
| 0900        | -             | -             | -             | -             | -             | -             | -             |
| 1000        | -             | -             | -             | -             | -             | -             | -             |
| 1100        | -             | -             | -             | -             | -             | -             | -             |
| 1200        | -             | -             | -             | -             | -             | -             | -             |
| 1300        | -             | -             | -             | -             | -             | -             | -             |
| 1400        | -             | -             | -             | -             | -             | -             | -             |
| 1500        | -             | -             | -             | -             | -             | -             | -             |
| 1600        | -             | -             | -             | -             | -             | -             | -             |
| 1700        | -             | -             | -             | -             | -             | -             | -             |
| 1800        | -             | -             | -             | -             | -             | -             | -             |
| 1900        | -             | -             | -             | -             | -             | -             | -             |
| 2000        | -             | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | -             | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | -             | -             | -             | -             | -             | -             | -             |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Jan.22</u> | <u>Jan.23</u> | <u>Jan.24</u> | <u>Jan.25</u> | <u>Jan.26</u> | <u>Jan.27</u> | <u>Jan.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | -             | -             |
| 0100        | -             | -             | -             | -             | -             | -             | -             |
| 0200        | -             | -             | -             | -             | -             | -             | -             |
| 0300        | -             | -             | -             | -             | -             | -             | -             |
| 0400        | -             | -             | -             | -             | -             | -             | -             |
| 0500        | -             | -             | -             | -             | -             | -             | -             |
| 0600        | -             | -             | -             | -             | -             | -             | -             |
| 0700        | -             | -             | -             | -             | -             | -             | -             |
| 0800        | -             | -             | -             | -             | -             | -             | -             |
| 0900        | -             | -             | -             | -             | -             | -             | -             |
| 1000        | -             | -             | -             | -             | -             | -             | -             |
| 1100        | -             | -             | -             | -             | -             | -             | -             |
| 1200        | -             | -             | -             | -             | -             | -             | -             |
| 1300        | -             | -             | -             | -             | -             | -             | -             |
| 1400        | -             | -             | -             | -             | -             | -             | -             |
| 1500        | -             | -             | -             | -             | -             | -             | -             |
| 1600        | -             | -             | -             | -             | -             | -             | -             |
| 1700        | -             | -             | -             | -             | -             | -             | -             |
| 1800        | -             | -             | -             | -             | -             | -             | -             |
| 1900        | -             | -             | -             | -             | -             | -             | -             |
| 2000        | -             | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | -             | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | -             | -             | -             | -             | -             | -             | -             |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Jan.29</u> | <u>Jan.30</u> | <u>Jan.31</u> |
|-------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |
| 0000        | -             | -             | 11.4          |
| 0100        | -             | -             | 11.5          |
| 0200        | -             | -             | 11.7          |
| 0300        | -             | -             | 11.9          |
| 0400        | -             | -             | 12.2          |
| 0500        | -             | -             | 12.4          |
| 0600        | -             | -             | 12.5          |
| 0700        | -             | -             | 12.4          |
| 0800        | -             | -             | 12.3          |
| 0900        | -             | -             | 12.1          |
| 1000        | -             | -             | 12.2          |
| 1100        | -             | -             | 12.3          |
| 1200        | -             | -             | 12.2          |
| 1300        | -             | -             | 12.3          |
| 1400        | -             | -             | 12.4          |
| 1500        | -             | -             | 12.5          |
| 1600        | -             | -             | 12.6          |
| 1700        | -             | -             | 12.6          |
| 1800        | -             | -             | 12.5          |
| 1900        | -             | -             | 12.4          |
| 2000        | -             | -             | 12.3          |
| 2100        | -             | -             | 12.1          |
| 2200        | -             | -             | 12.0          |
| 2300        | -             | 11.3          | 11.9          |
| <u>SUM</u>  | -             | -             | 292.7         |
| <u>MEAN</u> | -             | -             | 12.2          |

MEAN FOR MONTH

-

# WATER LEVEL

1952

| <u>DATE</u>     | <u>Feb. 1</u> | <u>Feb. 2</u> | <u>Feb. 3</u> | <u>Feb. 4</u> | <u>Feb. 5</u> | <u>Feb. 6</u> | <u>Feb. 7</u> |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u>     |               |               |               |               |               |               |               |
| 0000            | 12.1          | 10.5          | 11.7          | 12.0          | 10.5          | 11.7          | 10.3          |
| 0100            | 11.9          | 10.7          | 11.4          | 11.4          | 10.1          | 11.2          | 9.6           |
| 0200            | 12.0          | 10.9          | 11.1          | 10.3          | 9.7           | 10.9          | 9.4           |
| 0300            | 12.1          | 11.2          | 11.1          | 10.1          | 9.3           | 10.4          | 9.5           |
| 0400            | 12.3          | 11.7          | 11.3          | 10.4          | 9.0           | 10.1          | 9.7           |
| 0500            | 12.5          | 12.2          | 11.6          | 10.7          | 9.0           | 10.1          | 9.9           |
| 0600            | 12.6          | 12.3          | 12.0          | 10.9          | 9.4           | 10.2          | 10.1          |
| 0700            | 12.7          | 13.3          | 12.3          | 11.0          | 9.8           | 10.5          | 10.2          |
| 0800            | 12.6          | 12.8          | 12.6          | 11.4          | 10.3          | 10.6          | 10.1          |
| 0900            | 12.7          | 12.5          | 12.9          | 11.2          | 10.8          | 11.2          | 10.1          |
| 1000            | 12.6          | 12.6          | 13.2          | 11.4          | 11.3          | 11.3          | 10.2          |
| 1100            | 12.5          | 12.2          | 13.3          | 11.5          | 11.6          | 11.8          | (10.5)        |
| 1200            | 12.7          | 12.8          | 13.5          | 12.1          | 11.8          | 12.5          | 11.4          |
| 1300            | 12.9          | 13.2          | 13.4          | 12.4          | 12.0          | 12.7          | 11.8          |
| 1400            | 13.0          | 12.4          | 13.5          | 12.3          | 11.9          | 12.6          | 12.4          |
| 1500            | 13.1          | 12.9          | 13.5          | 12.1          | 11.9          | 12.5          | 12.7          |
| 1600            | 13.0          | 13.1          | 13.7          | 11.9          | 11.9          | 12.3          | 12.7          |
| 1700            | 12.9          | 13.5          | 13.7          | 11.7          | 11.9          | 12.3          | 12.6          |
| 1800            | 12.9          | 13.6          | 13.6          | 11.5          | 11.9          | 12.2          | 12.5          |
| 1900            | 12.6          | 13.3          | 13.3          | 11.5          | 11.9          | 11.8          | 12.3          |
| 2000            | 12.6          | 12.8          | 12.7          | 11.5          | 11.9          | 11.6          | 12.1          |
| 2100            | 13.4          | 12.1          | 12.3          | 11.5          | 11.9          | 11.5          | 11.9          |
| 2200            | 11.9          | 11.7          | 12.1          | 11.3          | 11.9          | 11.4          | 11.9          |
| 2300            | 10.9          | 11.9          | 12.1          | 10.9          | 11.8          | 11.0          | 11.9          |
| <br><u>SUM</u>  | 300.5         | 296.2         | 301.9         | 273.0         | 263.5         | 274.4         | 265.8         |
| <br><u>MEAN</u> | 12.5          | 12.3          | 12.6          | 11.4          | 11.0          | 11.4          | 11.1          |



# WATER LEVEL

1952

| <u>DATE</u> | <u>Feb. 8</u> | <u>Feb. 9</u> | <u>Feb. 10</u> | <u>Feb. 11</u> | <u>Feb. 12</u> | <u>Feb. 13</u> | <u>Feb. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.0          | 12.6          | 12.3           | 12.5           | 12.4           | 12.3           | 12.0           |
| 0100        | 11.9          | 12.5          | 12.3           | 12.4           | 12.5           | 12.5           | 12.3           |
| 0200        | 11.6          | 12.2          | 12.1           | 12.3           | 12.5           | 12.7           | 12.6           |
| 0300        | 11.2          | 11.8          | 11.9           | 12.2           | 12.3           | 12.8           | 12.6           |
| 0400        | 10.7          | 11.2          | 11.4           | 11.9           | 12.1           | 12.7           | 12.7           |
| 0500        | 10.4          | 10.5          | 10.9           | 11.6           | 12.0           | 12.5           | 12.7           |
| 0600        | 10.2          | 10.2          | 10.6           | 11.2           | 11.8           | 12.1           | 12.6           |
| 0700        | 10.1          | 10.1          | 10.4           | 10.8           | 11.4           | 11.8           | 12.2           |
| 0800        | 10.2          | 10.1          | 10.4           | 10.7           | 11.3           | 11.6           | 12.0           |
| 0900        | 10.4          | 10.4          | 10.5           | 10.7           | 11.3           | 11.5           | 11.8           |
| 1000        | 10.8          | 10.7          | 10.8           | 10.9           | 11.3           | 11.6           | 11.7           |
| 1100        | 11.3          | 11.1          | 11.2           | 11.1           | 11.4           | 11.6           | 11.7           |
| 1200        | 11.6          | 11.3          | 11.5           | 11.4           | 11.6           | 11.7           | 12.0           |
| 1300        | 12.1          | 11.7          | 11.7           | 11.8           | 11.9           | 11.8           | 12.5           |
| 1400        | 12.4          | 11.9          | 12.0           | 12.1           | 12.1           | 11.9           | 12.5           |
| 1500        | 12.6          | 12.0          | 12.2           | 12.4           | 12.3           | 12.1           | 12.5           |
| 1600        | 12.6          | 12.0          | 12.2           | 12.6           | 12.5           | 12.4           | 12.5           |
| 1700        | 12.6          | 12.1          | 12.3           | 12.5           | 12.6           | 12.6           | 12.5           |
| 1800        | 12.5          | 12.1          | 12.3           | 12.5           | 12.6           | 12.7           | 12.5           |
| 1900        | 12.4          | 12.1          | 12.2           | 12.4           | 12.3           | 12.5           | 12.2           |
| 2000        | 12.4          | 12.0          | 12.1           | 12.2           | 12.1           | 12.3           | 12.1           |
| 2100        | 12.5          | 12.0          | 12.2           | 12.1           | 12.0           | 12.0           | 12.2           |
| 2200        | 12.5          | 12.1          | 12.3           | 12.2           | 12.0           | 11.9           | 12.3           |
| 2300        | 12.6          | 12.2          | 12.4           | 12.3           | 12.2           | 12.0           | 12.0           |
| <u>SUM</u>  | 279.6         | 276.9         | 280.2          | 284.8          | 288.5          | 291.6          | 294.7          |
| <u>MEAN</u> | 11.6          | 11.5          | 11.7           | 11.9           | 12.0           | 12.2           | 12.3           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Feb.15</u> | <u>Feb.16</u> | <u>Feb.17</u> | <u>Feb.18</u> | <u>Feb.19</u> | <u>Feb.20</u> | <u>Feb.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.1          | 12.0          | 10.3          | 10.7          | 11.4          | 11.9          | 11.7          |
| 0100        | 10.1          | 11.8          | 10.3          | 10.6          | 11.1          | 11.4          | 11.0          |
| 0200        | 10.4          | 11.8          | 10.4          | 10.8          | 11.0          | 11.4          | 10.5          |
| 0300        | 10.3          | 12.2          | 10.5          | 11.2          | 11.1          | 11.2          | 10.3          |
| 0400        | 11.1          | 12.4          | 10.8          | 11.5          | 11.2          | 11.4          | 10.3          |
| 0500        | 12.0          | 12.5          | 11.0          | 11.7          | 11.5          | 11.3          | 10.5          |
| 0600        | 12.9          | 12.4          | 11.1          | 11.9          | 11.9          | 11.0          | 10.6          |
| 0700        | 13.4          | 12.2          | 11.4          | 12.2          | 12.0          | 11.0          | 10.7          |
| 0800        | 13.6          | 11.6          | 11.3          | 12.3          | 12.3          | 11.2          | 11.0          |
| 0900        | 13.5          | 11.4          | 11.4          | 12.7          | 12.5          | 11.7          | 11.4          |
| 1000        | 13.2          | 11.4          | 11.6          | 12.7          | 12.6          | 12.0          | 11.8          |
| 1100        | 13.2          | 11.6          | 11.7          | 12.8          | 12.8          | 12.7          | 12.4          |
| 1200        | 13.1          | 11.9          | 12.1          | 12.9          | 12.9          | 13.4          | 12.9          |
| 1300        | 13.3          | 11.9          | 12.3          | 12.9          | 12.9          | 13.5          | 13.3          |
| 1400        | 13.4          | 11.9          | 12.3          | 12.9          | 12.9          | 13.4          | 13.4          |
| 1500        | 13.5          | 11.8          | 12.2          | 12.9          | 12.9          | 13.3          | (13.5)        |
| 1600        | 13.5          | 11.6          | 12.1          | 12.8          | 12.9          | 12.8          | 13.5          |
| 1700        | 13.4          | 11.5          | 12.0          | 12.9          | 12.7          | 12.5          | 13.6          |
| 1800        | 13.3          | 11.4          | 11.9          | 12.8          | 12.7          | 12.7          | 13.6          |
| 1900        | 12.6          | 11.0          | 11.8          | 12.7          | 12.6          | 12.9          | 13.7          |
| 2000        | 12.2          | 10.7          | 11.6          | 12.6          | 12.5          | 13.1          | 13.7          |
| 2100        | 12.3          | 10.4          | 11.4          | 12.2          | 12.4          | 12.8          | 13.4          |
| 2200        | 12.5          | 10.2          | 11.0          | 12.0          | 12.2          | 12.8          | 13.2          |
| 2300        | 12.3          | 10.2          | 10.8          | 11.6          | 12.0          | 12.3          | 13.0          |
| <u>SUM</u>  | 300.2         | 277.8         | 273.3         | 292.3         | 293.0         | 293.7         | 293.0         |
| <u>MEAN</u> | 12.5          | 11.6          | 11.4          | 12.2          | 12.2          | 12.2          | 12.2          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Feb.22</u> | <u>Feb.23</u> | <u>Feb.24</u> | <u>Feb.25</u> | <u>Feb.26</u> | <u>Feb.27</u> | <u>Feb.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.5          | 12.8          | 13.3          | 13.6          | 12.9          | 10.5          | 11.5          |
| 0100        | 12.5          | 12.6          | 13.1          | 13.6          | 13.3          | 11.0          | 11.8          |
| 0200        | 11.9          | 12.0          | 12.6          | 13.3          | 13.5          | 11.4          | 12.1          |
| 0300        | 11.6          | 11.4          | 12.0          | 13.1          | 12.7          | 11.9          | 12.5          |
| 0400        | 11.5          | 10.8          | 11.4          | 12.6          | 11.9          | 12.1          | 12.6          |
| 0500        | 11.6          | 10.7          | 10.8          | 11.9          | 11.2          | 12.0          | 12.5          |
| 0600        | 11.7          | 10.8          | 10.7          | 11.4          | 10.9          | 11.6          | 12.4          |
| 0700        | 11.8          | 11.2          | 10.7          | 11.1          | 10.9          | 11.0          | 12.2          |
| 0800        | 12.1          | 11.6          | 10.9          | 11.0          | 10.8          | 10.7          | 12.0          |
| 0900        | 12.5          | 11.8          | 11.4          | 11.3          | 10.9          | 10.8          | 11.9          |
| 1000        | 12.9          | 12.0          | 11.6          | 11.6          | 11.1          | 10.9          | 11.8          |
| 1100        | 13.2          | 12.4          | 12.2          | 11.9          | 11.1          | 11.4          | 11.9          |
| 1200        | 13.6          | 12.7          | 12.8          | 12.1          | 10.7          | 11.8          | 12.0          |
| 1300        | 14.0          | 13.0          | 13.1          | 12.5          | 10.7          | 12.0          | 11.9          |
| 1400        | 14.2          | 13.2          | 13.2          | 12.2          | 10.6          | 12.1          | 12.0          |
| 1500        | 14.2          | 13.3          | 13.2          | 12.0          | 10.6          | 12.2          | 12.1          |
| 1600        | 14.1          | 13.1          | 13.2          | 12.0          | 10.6          | 12.2          | 12.1          |
| 1700        | 13.8          | 12.7          | 13.2          | 11.9          | 10.8          | 12.1          | 11.9          |
| 1800        | 13.6          | 12.8          | 13.1          | 11.8          | 10.9          | 11.9          | 11.7          |
| 1900        | 13.5          | 12.9          | 13.1          | 11.9          | 10.8          | 11.4          | 11.3          |
| 2000        | 13.2          | 13.1          | 13.2          | 12.1          | 10.7          | 10.9          | 10.9          |
| 2100        | 13.1          | 13.3          | 13.1          | 12.5          | 10.5          | 10.8          | 10.8          |
| 2200        | 13.1          | 13.4          | 13.3          | 12.6          | 10.3          | 10.8          | 11.0          |
| 2300        | 12.9          | 13.3          | 13.4          | 12.8          | 10.4          | 11.1          | 11.1          |
| <u>SUM</u>  | 309.1         | 296.9         | 298.6         | 292.8         | 268.8         | 274.6         | 284.0         |
| <u>MEAN</u> | 12.9          | 12.4          | 12.4          | 12.2          | 11.2          | 11.4          | 11.8          |

# WATER LEVEL

1952

DATE      Feb.29

TIME

|      |      |
|------|------|
| 0000 | 11.0 |
| 0100 | 11.3 |
| 0200 | 11.4 |
| 0300 | 11.6 |
| 0400 | 11.8 |
| 0500 | 12.0 |
| 0600 | 12.1 |
| 0700 | 12.1 |
| 0800 | 12.2 |
| 0900 | 12.1 |
| 1000 | 12.1 |
| 1100 | 12.1 |
| 1200 | 12.2 |
| 1300 | 12.2 |
| 1400 | 12.2 |
| 1500 | 12.1 |
| 1600 | 12.1 |
| 1700 | 12.1 |
| 1800 | 11.9 |
| 1900 | 11.6 |
| 2000 | 11.3 |
| 2100 | 11.0 |
| 2200 | 10.8 |
| 2300 | 10.6 |

MEAN FOR MONTH

11.9

SUM      281.9

MEAN      11.7

# WATER LEVEL

1952

| <u>DATE</u> | <u>Mar. 1</u> | <u>Mar. 2</u> | <u>Mar. 3</u> | <u>Mar. 4</u> | <u>Mar. 5</u> | <u>Mar. 6</u> | <u>Mar. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 10.6          | 11.6          | 11.8          | 11.3          | 11.1          | 11.9          | 12.2          |
| 0100        | 10.5          | 11.7          | 11.4          | 10.5          | 10.6          | 11.6          | 11.8          |
| 0200        | 10.6          | 11.7          | 11.0          | 10.1          | 10.4          | 11.3          | 11.4          |
| 0300        | 10.6          | 11.7          | 11.2          | 9.9           | 10.5          | 10.9          | 10.9          |
| 0400        | 10.8          | 11.7          | 11.5          | 10.0          | 10.6          | 10.8          | 10.7          |
| 0500        | 11.0          | 12.1          | 12.1          | 10.4          | 10.7          | 10.8          | 10.6          |
| 0600        | 11.1          | 12.5          | 11.8          | 10.6          | 10.7          | 10.9          | 10.6          |
| 0700        | 11.4          | 13.2          | 12.4          | 11.0          | 11.2          | 11.0          | 10.7          |
| 0800        | 11.5          | 13.6          | 12.8          | 11.2          | 11.5          | 11.1          | 10.9          |
| 0900        | 11.9          | 13.7          | 13.2          | 11.3          | 11.9          | 11.4          | 11.2          |
| 1000        | 12.1          | 13.6          | 13.4          | 11.5          | 12.1          | 11.6          | 11.6          |
| 1100        | 12.4          | 13.3          | 13.8          | 11.6          | 12.6          | 12.1          | 12.1          |
| 1200        | 12.8          | 13.3          | 13.9          | 11.8          | 12.8          | 12.4          | 12.3          |
| 1300        | 12.6          | 13.1          | 14.2          | 12.0          | 12.9          | 12.8          | 12.7          |
| 1400        | 12.4          | 13.0          | 13.9          | 12.1          | 13.0          | 13.0          | 12.7          |
| 1500        | 12.2          | 13.4          | 13.6          | 12.1          | 12.9          | 13.0          | 12.7          |
| 1600        | 12.5          | 13.4          | 13.1          | 12.0          | 12.9          | 13.0          | 12.7          |
| 1700        | 12.6          | 13.3          | 12.7          | 11.9          | 12.7          | 13.0          | 12.7          |
| 1800        | 12.7          | 13.1          | 12.2          | 11.9          | 12.5          | 12.8          | 12.6          |
| 1900        | 12.6          | 12.8          | 12.2          | 11.8          | 12.4          | 12.8          | 12.5          |
| 2000        | 12.5          | 12.4          | 12.5          | 11.7          | 12.3          | 12.8          | 12.4          |
| 2100        | 11.9          | 12.3          | 12.4          | 11.6          | 12.2          | 12.7          | 12.4          |
| 2200        | 11.6          | 12.2          | 12.2          | 11.6          | 12.1          | 12.7          | 12.4          |
| 2300        | 11.5          | 11.9          | 11.8          | 11.3          | 12.1          | 12.5          | 12.5          |
| <u>SUM</u>  | 282.4         | 304.6         | 301.1         | 271.2         | 284.7         | 288.9         | 285.3         |
| <u>MEAN</u> | 11.8          | 12.7          | 12.5          | 11.3          | 11.9          | 12.0          | 11.9          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Mar. 8</u> | <u>Mar. 9</u> | <u>Mar. 10</u> | <u>Mar. 11</u> | <u>Mar. 12</u> | <u>Mar. 13</u> | <u>Mar. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.4          | 12.8          | 13.6           | 11.5           | 12.6           | 12.5           | 11.5           |
| 0100        | 12.2          | 12.8          | 13.6           | 11.3           | 13.0           | 12.7           | 11.8           |
| 0200        | 11.7          | 12.7          | 13.5           | 12.1           | 12.9           | 12.9           | 12.1           |
| 0300        | 11.5          | 12.4          | 13.3           | 13.1           | 12.7           | 13.0           | 12.4           |
| 0400        | 11.2          | 12.1          | 13.1           | 12.9           | 12.6           | 13.0           | 12.6           |
| 0500        | 10.8          | 11.8          | 12.8           | 11.8           | 12.8           | 12.8           | 12.7           |
| 0600        | 10.7          | 11.6          | 12.6           | 10.9           | 12.7           | 12.6           | 12.5           |
| 0700        | 10.8          | 11.5          | 12.3           | 10.5           | 12.7           | 12.4           | 12.4           |
| 0800        | 11.1          | 11.6          | 12.4           | 10.5           | 12.6           | 12.1           | 12.3           |
| 0900        | 11.5          | 11.7          | 12.7           | 10.7           | 12.5           | 12.0           | 12.2           |
| 1000        | 11.9          | 11.8          | 13.0           | 11.4           | 12.5           | 12.0           | 12.4           |
| 1100        | 12.4          | 12.2          | 13.4           | 12.1           | 12.5           | 12.1           | 12.7           |
| 1200        | 12.8          | 12.6          | 14.0           | 12.4           | 12.7           | 12.1           | 13.0           |
| 1300        | 13.0          | 13.0          | 14.6           | 12.6           | 13.0           | 12.3           | 13.2           |
| 1400        | 13.2          | 13.3          | 14.8           | 12.5           | 13.2           | 12.3           | 13.1           |
| 1500        | 13.2          | 13.4          | 14.6           | 12.2           | 13.2           | 12.3           | 13.0           |
| 1600        | 13.1          | 13.3          | 13.0           | 12.1           | 13.2           | 12.3           | 13.2           |
| 1700        | 13.0          | 13.0          | 10.5           | 11.7           | 13.1           | 12.2           | 12.9           |
| 1800        | 12.8          | 12.9          | 10.5           | 11.8           | 13.0           | 11.9           | 12.7           |
| 1900        | 12.7          | 13.0          | 11.9           | 11.8           | 12.3           | 11.6           | 12.1           |
| 2000        | 12.7          | 13.2          | 12.8           | 11.9           | 12.2           | 11.3           | 11.4           |
| 2100        | 12.7          | 13.3          | 14.3           | 12.0           | 12.1           | (11.2)         | 11.0           |
| 2200        | 12.8          | 13.5          | 14.1           | 12.1           | 12.1           | (11.2)         | 11.3           |
| 2300        | 12.8          | 13.6          | 13.0           | 12.3           | 12.3           | 11.3           | 11.6           |
| <u>SUM</u>  | 293.0         | 303.1         | 314.4          | 284.2          | 304.5          | 292.1          | 296.1          |
| <u>MEAN</u> | 12.2          | 12.6          | 13.1           | 11.8           | 12.7           | 12.2           | 12.3           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Mar.15</u> | <u>Mar.16</u> | <u>Mar.17</u> | <u>Mar.18</u> | <u>Mar.19</u> | <u>Mar.20</u> | <u>Mar.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 11.9          | 9.9           | 10.8          | -             | -             | -             | -             |
| 0100        | 12.4          | 10.3          | 10.9          | -             | -             | -             | -             |
| 0200        | 12.5          | 10.6          | 11.2          | -             | -             | -             | -             |
| 0300        | 12.6          | 11.2          | 11.5          | -             | -             | -             | -             |
| 0400        | 12.7          | 11.7          | 11.7          | -             | -             | -             | -             |
| 0500        | 12.7          | 12.0          | 12.0          | -             | -             | -             | -             |
| 0600        | 12.8          | 12.1          | 12.2          | -             | -             | -             | -             |
| 0700        | 12.9          | 12.1          | 12.4          | -             | -             | -             | -             |
| 0800        | 12.7          | 12.1          | 12.7          | -             | -             | -             | -             |
| 0900        | 12.6          | 12.3          | 12.8          | -             | -             | -             | -             |
| 1000        | 12.5          | 12.3          | 12.9          | -             | -             | -             | -             |
| 1100        | 12.2          | 12.6          | 13.2          | -             | -             | -             | -             |
| 1200        | 12.0          | 12.8          | 13.3          | -             | -             | -             | 13.5          |
| 1300        | 11.7          | 12.9          | 13.4          | -             | -             | -             | 13.5          |
| 1400        | 11.7          | 13.1          | 13.3          | -             | -             | -             | 13.4          |
| 1500        | 11.8          | 13.2          | 13.4          | -             | -             | -             | 13.3          |
| 1600        | 11.8          | 13.1          | 13.4          | -             | -             | -             | 13.4          |
| 1700        | 11.8          | 12.9          | 13.3          | -             | -             | -             | 13.3          |
| 1800        | 11.6          | 12.5          | 13.2          | -             | -             | -             | 13.1          |
| 1900        | 11.2          | 11.8          | -             | -             | -             | -             | 12.9          |
| 2000        | 10.8          | 11.5          | -             | -             | -             | -             | 12.9          |
| 2100        | 10.3          | 11.0          | -             | -             | -             | -             | 12.9          |
| 2200        | 10.0          | 10.7          | -             | -             | -             | -             | 13.1          |
| 2300        | 9.7           | 10.7          | -             | -             | -             | -             | 12.9          |
| <u>SUM</u>  | 284.9         | 285.4         | 237.6         | -             | -             | -             | 158.2         |
| <u>MEAN</u> | 11.9          | 11.9          | 12.5          | -             | -             | -             | 13.2          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Mar.22</u> | <u>Mar.23</u> | <u>Mar.24</u> | <u>Mar.25</u> | <u>Mar.26</u> | <u>Mar.27</u> | <u>Mar.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.7          | 12.2          | 13.1          | 12.8          | 12.4          | 11.8          | 11.3          |
| 0100        | 12.3          | 11.7          | 13.2          | 13.1          | 13.1          | 12.3          | 11.7          |
| 0200        | 11.9          | 11.2          | 13.1          | 13.1          | 13.2          | 12.6          | 11.9          |
| 0300        | 11.4          | 10.7          | 12.3          | 13.1          | 13.5          | 12.9          | 12.3          |
| 0400        | 11.4          | 10.5          | 11.8          | 12.8          | 13.5          | 13.0          | 12.6          |
| 0500        | 11.5          | 10.6          | 11.3          | 12.4          | 13.2          | 13.0          | 12.7          |
| 0600        | 11.6          | 10.8          | 11.1          | 12.0          | 12.8          | 12.8          | 12.7          |
| 0700        | 11.8          | 10.8          | 11.3          | 11.7          | 12.1          | 12.5          | 12.5          |
| 0800        | 11.9          | 10.7          | 11.4          | 11.6          | 11.9          | 12.3          | 12.2          |
| 0900        | 12.4          | 10.8          | 11.6          | 11.7          | 11.9          | 12.1          | 11.8          |
| 1000        | 12.4          | 11.2          | 11.7          | 11.9          | 12.0          | 12.1          | 11.7          |
| 1100        | 13.5          | 11.6          | 12.2          | 12.1          | 12.4          | 12.1          | 12.0          |
| 1200        | 13.8          | 12.3          | 12.8          | 12.4          | 12.7          | 12.1          | 12.5          |
| 1300        | 12.8          | 12.9          | 13.2          | 12.5          | 12.9          | 12.2          | 13.0          |
| 1400        | 12.4          | 13.2          | 13.2          | 12.6          | 12.9          | 12.2          | 12.7          |
| 1500        | 12.2          | 13.0          | 13.0          | 12.7          | 12.6          | 12.2          | 12.3          |
| 1600        | 12.1          | 12.6          | 12.8          | 12.6          | 12.4          | 12.0          | 11.9          |
| 1700        | 11.9          | 12.2          | 12.3          | 12.2          | 11.9          | 11.7          | 11.4          |
| 1800        | 11.3          | 11.9          | 12.0          | 11.9          | 11.7          | 11.4          | 11.1          |
| 1900        | 11.3          | 12.0          | 12.1          | 11.5          | 11.5          | 11.0          | 11.0          |
| 2000        | 11.6          | 12.3          | 12.3          | 11.5          | 11.3          | 10.7          | 11.0          |
| 2100        | 12.4          | 12.3          | 12.3          | 11.6          | 11.3          | 10.7          | 11.0          |
| 2200        | 12.5          | 12.6          | 12.5          | 11.8          | 11.3          | 10.7          | 11.0          |
| 2300        | 12.5          | 12.9          | 12.7          | 12.1          | 11.6          | 11.0          | 11.0          |
| <u>SUM</u>  | 291.6         | 283.0         | 295.3         | 293.7         | 296.1         | 287.4         | 285.3         |
| <u>MEAN</u> | 12.2          | 11.8          | 12.3          | 12.2          | 12.3          | 12.0          | 11.9          |



# WATER LEVEL

1952

| <u>DATE</u> | <u>Mar. 29</u> | <u>Mar. 30</u> | <u>Mar. 31</u> |
|-------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |
| 0000        | 11.0           | 10.8           | 11.0           |
| 0100        | 11.0           | 11.2           | 11.0           |
| 0200        | 11.2           | 11.4           | 11.2           |
| 0300        | 11.6           | 11.8           | 11.4           |
| 0400        | 12.0           | 12.1           | 11.6           |
| 0500        | 12.4           | 12.3           | 12.0           |
| 0600        | 12.7           | 12.6           | 12.2           |
| 0700        | 12.8           | 12.8           | 12.6           |
| 0800        | 12.9           | 12.9           | 12.8           |
| 0900        | 12.8           | 12.6           | 12.9           |
| 1000        | 12.7           | 12.4           | 12.9           |
| 1100        | 12.7           | 12.2           | 12.9           |
| 1200        | 12.8           | 12.2           | 12.9           |
| 1300        | 12.7           | 12.4           | 12.9           |
| 1400        | 12.6           | 12.5           | 12.7           |
| 1500        | 12.4           | 12.4           | 12.5           |
| 1600        | 12.4           | 12.4           | 12.4           |
| 1700        | 12.3           | 12.2           | 12.4           |
| 1800        | 12.2           | 11.8           | 12.5           |
| 1900        | 11.9           | 11.6           | 12.8           |
| 2000        | 11.6           | 11.2           | 12.5           |
| 2100        | 11.2           | 11.1           | 11.5           |
| 2200        | 10.8           | 11.0           | 10.0           |
| 2300        | 10.8           | 11.0           | 8.9            |
|             |                |                |                |
| <u>SUM</u>  | 289.5          | 286.9          | 288.5          |
| <u>MEAN</u> | 12.1           | 12.0           | 12.0           |

MEAN FOR MONTH

12.2

# WATER LEVEL

1952

| <u>DATE</u> | <u>Apr. 1</u> | <u>Apr. 2</u> | <u>Apr. 3</u> | <u>Apr. 4</u> | <u>Apr. 5</u> | <u>Apr. 6</u> | <u>Apr. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 10.5          | 11.2          | 11.5          | 12.7          | 10.1          | 11.4          | 12.2          |
| 0100        | 11.7          | 10.9          | 11.4          | 12.6          | 9.8           | 11.5          | 12.1          |
| 0200        | 12.1          | 10.7          | 11.2          | 12.5          | 9.6           | 11.5          | 11.9          |
| 0300        | 12.3          | 10.6          | 11.3          | 12.3          | 9.4           | 11.4          | 11.6          |
| 0400        | 12.3          | 10.8          | 11.2          | 12.2          | 9.6           | 11.3          | 11.3          |
| 0500        | 11.8          | 11.1          | 11.4          | 12.2          | 10.1          | 11.3          | 11.0          |
| 0600        | 11.2          | 11.3          | 11.7          | 12.2          | 10.3          | 11.2          | 10.9          |
| 0700        | 11.5          | 11.6          | 11.9          | 12.0          | 10.6          | 11.0          | 10.9          |
| 0800        | 12.4          | 11.9          | 12.1          | 11.6          | 10.8          | 11.2          | 11.0          |
| 0900        | 13.2          | 12.2          | 12.5          | 11.4          | 11.1          | 11.6          | 11.3          |
| 1000        | 13.4          | 12.4          | 12.7          | 12.2          | 11.2          | 11.8          | 11.6          |
| 1100        | 13.3          | 12.6          | 13.1          | 12.4          | 11.2          | 12.3          | 11.9          |
| 1200        | 13.1          | 12.7          | 13.3          | 12.8          | 11.2          | 12.5          | 12.0          |
| 1300        | 13.0          | 12.9          | 13.5          | 12.8          | 11.3          | 12.5          | 12.1          |
| 1400        | 12.8          | 12.8          | 13.6          | 13.0          | 11.4          | 12.4          | 12.1          |
| 1500        | 12.5          | 12.9          | 13.4          | 12.3          | 11.1          | 12.2          | 11.8          |
| 1600        | 12.5          | 12.9          | 13.4          | 11.9          | 11.2          | 12.1          | 11.5          |
| 1700        | 12.4          | 12.8          | 13.3          | 11.4          | 11.4          | 11.9          | 11.2          |
| 1800        | 12.3          | 12.7          | 13.1          | 11.3          | 11.5          | 11.8          | 11.2          |
| 1900        | 12.1          | 12.6          | 12.9          | 11.4          | 11.7          | 11.9          | 11.2          |
| 2000        | 12.2          | 12.5          | 12.7          | 11.5          | 11.8          | 11.9          | 11.5          |
| 2100        | 12.0          | 12.3          | 12.6          | 11.2          | 11.7          | 12.0          | 11.8          |
| 2200        | 11.6          | 12.1          | 12.7          | (10.8)        | 11.7          | 12.1          | 11.9          |
| 2300        | 11.4          | 11.8          | 12.7          | 10.4          | 11.5          | 12.2          | 12.2          |
| <u>SUM</u>  | 293.6         | 288.3         | 299.2         | 287.1         | 261.3         | 283.0         | 278.2         |
| <u>MEAN</u> | 12.2          | 12.0          | 12.5          | 12.0          | 10.9          | 11.8          | 11.6          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Apr. 8</u> | <u>Apr. 9</u> | <u>Apr. 10</u> | <u>Apr. 11</u> | <u>Apr. 12</u> | <u>Apr. 13</u> | <u>Apr. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 12.4          | 12.7          | 12.3           | 11.6           | 11.8           | 11.5           | 9.3            |
| 0100        | 12.4          | 12.9          | 12.6           | 12.1           | 12.3           | 11.7           | 9.6            |
| 0200        | 12.4          | 13.0          | 12.6           | 12.3           | 12.7           | 11.5           | 10.2           |
| 0300        | 12.2          | 12.9          | 12.7           | 12.7           | 13.3           | 12.4           | 10.9           |
| 0400        | 11.8          | 12.9          | 12.5           | 12.8           | 13.8           | 13.4           | 11.3           |
| 0500        | 11.6          | 12.8          | 12.5           | 12.7           | 14.5           | 13.6           | 11.8           |
| 0600        | 11.5          | 12.6          | 12.5           | 12.6           | 14.0           | 14.2           | 12.2           |
| 0700        | 11.5          | 12.5          | 12.5           | 12.5           | 13.4           | 14.0           | 12.7           |
| 0800        | 11.6          | 12.5          | 12.4           | 12.6           | 12.9           | 13.6           | 12.7           |
| 0900        | 11.8          | 12.5          | 13.4           | 12.6           | 12.9           | 13.2           | 12.5           |
| 1000        | 12.0          | 12.4          | 12.1           | 12.6           | 13.2           | 12.5           | 12.4           |
| 1100        | 12.2          | 12.5          | 12.0           | 12.7           | 13.6           | 12.1           | 12.1           |
| 1200        | 12.3          | 12.4          | 12.1           | 12.7           | 14.1           | 11.8           | 12.1           |
| 1300        | 12.3          | 12.4          | 12.1           | 12.7           | 14.2           | 11.9           | 12.1           |
| 1400        | 12.2          | 12.3          | 11.8           | 12.7           | 13.7           | 12.0           | 12.1           |
| 1500        | 11.9          | 12.1          | 11.8           | 12.6           | 13.3           | 12.1           | 12.1           |
| 1600        | 11.6          | 11.9          | 11.8           | 12.4           | 14.1           | 12.0           | 12.1           |
| 1700        | 11.4          | 11.6          | 11.5           | 11.9           | 14.1           | 11.3           | 12.0           |
| 1800        | 11.4          | 11.3          | 11.1           | 11.5           | 11.5           | 10.8           | 11.6           |
| 1900        | 11.5          | 11.2          | 10.7           | 11.1           | 10.2           | 10.1           | 10.9           |
| 2000        | 11.6          | 11.3          | 10.3           | 10.8           | 10.1           | 9.8            | 10.4           |
| 2100        | 11.8          | 11.4          | 10.6           | 10.8           | 10.9           | 9.5            | 9.9            |
| 2200        | 12.1          | 11.7          | 10.8           | 10.9           | 11.6           | 9.3            | 9.6            |
| 2300        | 12.5          | 12.0          | 11.3           | 11.4           | 11.7           | 9.3            | 9.6            |
| <u>SUM</u>  | 286.0         | 293.8         | 284.9          | 291.3          | 307.9          | 283.6          | 272.2          |
| <u>MEAN</u> | 11.9          | 12.2          | 11.9           | 12.1           | 12.8           | 11.8           | 11.3           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Apr.15</u> | <u>Apr.16</u> | <u>Apr.17</u> | <u>Apr.18</u> | <u>Apr.19</u> | <u>Apr.20</u> | <u>Apr.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 9.7           | 9.9           | 10.1          | 11.0          | 11.9          | 12.7          | 12.9          |
| 0100        | 10.1          | 10.0          | 9.8           | 10.7          | 11.4          | 12.5          | 12.9          |
| 0200        | 10.4          | 10.2          | 9.9           | 10.6          | 11.1          | 12.3          | 12.7          |
| 0300        | 10.7          | 10.5          | 10.1          | 10.5          | 11.0          | 12.1          | 12.3          |
| 0400        | 10.9          | 10.6          | 10.4          | 10.7          | 10.8          | 11.8          | 12.0          |
| 0500        | 11.2          | 11.2          | 10.9          | 10.9          | 11.0          | 11.6          | 11.9          |
| 0600        | 11.4          | 11.4          | 11.3          | 11.1          | 11.2          | 11.5          | 11.9          |
| 0700        | 11.6          | 11.8          | 11.7          | 11.4          | 11.4          | 11.6          | 12.1          |
| 0800        | 11.8          | 12.0          | 12.0          | 11.5          | 11.7          | 11.8          | 12.2          |
| 0900        | 12.2          | 12.3          | 12.3          | 11.9          | 12.0          | 12.5          | 12.3          |
| 1000        | 12.4          | 12.4          | 12.6          | 12.1          | 12.2          | 12.8          | 12.5          |
| 1100        | 12.7          | 12.6          | 12.7          | 12.4          | 12.4          | 13.1          | 12.8          |
| 1200        | 13.0          | 12.7          | 12.8          | 12.6          | 12.5          | 13.1          | 12.8          |
| 1300        | 13.2          | 12.7          | 12.7          | 12.7          | 12.4          | 13.0          | 12.7          |
| 1400        | 13.1          | 12.7          | 12.7          | 12.8          | 12.4          | 12.7          | 12.4          |
| 1500        | 12.9          | 12.6          | 12.6          | 12.5          | 12.2          | 12.2          | 12.1          |
| 1600        | 12.7          | 12.5          | 12.5          | 12.4          | 12.2          | 12.0          | 11.9          |
| 1700        | 12.4          | 12.5          | 12.4          | 12.0          | 12.1          | 12.0          | 11.8          |
| 1800        | 12.1          | 12.3          | 12.4          | 12.0          | 12.2          | 12.0          | 11.8          |
| 1900        | 11.8          | 12.1          | 12.2          | 12.1          | 12.1          | 12.2          | 11.8          |
| 2000        | 11.4          | 11.8          | 12.0          | 12.2          | 12.2          | 12.3          | 11.9          |
| 2100        | 10.9          | 11.4          | 11.8          | 12.4          | 12.4          | 12.4          | 12.1          |
| 2200        | 10.5          | 10.9          | 11.6          | 12.4          | 12.6          | 12.7          | 12.3          |
| 2300        | 10.1          | 10.6          | 11.3          | 12.2          | 12.7          | 12.9          | 12.7          |
| <br>        |               |               |               |               |               |               |               |
| <u>SUM</u>  | 279.2         | 279.7         | 280.8         | 283.1         | 286.1         | 295.8         | 294.8         |
| <u>MEAN</u> | 11.6          | 11.7          | 11.7          | 11.8          | 11.9          | 12.3          | 12.3          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Apr.22</u> | <u>Apr.23</u> | <u>Apr.24</u> | <u>Apr.25</u> | <u>Apr.26</u> | <u>Apr.27</u> | <u>Apr.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.2          | 12.7          | 12.2          | 11.6          | 10.3          | 10.6          | 10.4          |
| 0100        | 13.2          | 13.1          | 12.6          | 11.9          | 10.8          | 11.1          | 10.5          |
| 0200        | 13.3          | 13.3          | 13.0          | 12.0          | 11.2          | 11.4          | 11.0          |
| 0300        | 13.0          | 13.3          | 13.1          | 12.2          | 11.8          | 11.8          | 11.3          |
| 0400        | 12.6          | 13.2          | 12.9          | 12.2          | 12.3          | 12.2          | 11.5          |
| 0500        | 12.3          | 13.0          | 12.8          | 12.4          | 12.5          | 12.5          | 11.7          |
| 0600        | 12.2          | 12.8          | 12.5          | 12.6          | 12.7          | 12.5          | 11.8          |
| 0700        | 12.3          | 12.7          | 12.3          | 12.7          | 12.6          | 12.6          | 12.0          |
| 0800        | 12.4          | 12.7          | 12.3          | 12.7          | 12.2          | 12.6          | 12.1          |
| 0900        | 12.5          | 13.1          | 12.2          | 12.8          | 12.0          | 12.5          | 12.3          |
| 1000        | 12.6          | 12.9          | 12.2          | 12.7          | 11.9          | 12.6          | 12.3          |
| 1100        | 12.7          | 12.8          | 12.4          | 12.6          | 11.9          | 12.6          | 12.3          |
| 1200        | 12.6          | 12.9          | 12.5          | 12.4          | 12.0          | 12.5          | 12.2          |
| 1300        | 12.5          | 12.8          | 12.5          | 12.3          | 12.1          | 12.4          | 12.2          |
| 1400        | 12.3          | 12.8          | 12.5          | 12.2          | 12.2          | 12.3          | 12.1          |
| 1500        | 11.9          | 11.9          | 12.0          | 11.9          | 12.1          | 12.1          | 12.0          |
| 1600        | 11.6          | 11.6          | 11.6          | 11.5          | 12.0          | 11.9          | 11.9          |
| 1700        | 11.5          | 11.2          | 11.1          | 11.0          | 11.5          | 11.6          | 11.6          |
| 1800        | 11.4          | 11.1          | 10.7          | 10.3          | 10.9          | 11.0          | 11.4          |
| 1900        | 11.5          | 10.7          | 10.2          | 9.5           | 10.3          | 10.6          | 11.0          |
| 2000        | 11.6          | 10.8          | 10.2          | 9.3           | 10.0          | 10.2          | 10.7          |
| 2100        | 11.8          | 11.2          | 10.7          | 9.4           | 9.9           | 10.1          | 10.5          |
| 2200        | 12.1          | 11.5          | 10.9          | 9.5           | 10.0          | 10.0          | 10.4          |
| 2300        | 12.4          | 11.8          | 11.3          | 9.8           | 10.3          | 10.2          | 10.4          |
| <u>SUM</u>  | 295.5         | 295.9         | 286.7         | 277.5         | 275.5         | 279.9         | 275.6         |
| <u>MEAN</u> | 12.3          | 12.3          | 11.9          | 11.6          | 11.5          | 11.7          | 11.5          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Apr. 29</u> | <u>Apr. 30</u> |
|-------------|----------------|----------------|
| <u>TIME</u> |                |                |
| 0000        | 10.5           | 10.5           |
| 0100        | 10.7           | 10.5           |
| 0200        | 11.0           | 10.7           |
| 0300        | 11.3           | 11.0           |
| 0400        | 11.6           | 11.3           |
| 0500        | 11.9           | 11.6           |
| 0600        | 12.0           | 11.7           |
| 0700        | 12.1           | 11.9           |
| 0800        | 12.2           | 12.0           |
| 0900        | 12.2           | 12.2           |
| 1000        | 12.1           | 12.2           |
| 1100        | 12.1           | 12.2           |
| 1200        | 12.1           | 12.2           |
| 1300        | 12.0           | 12.1           |
| 1400        | 12.0           | 12.1           |
| 1500        | 12.0           | 12.1           |
| 1600        | 11.9           | 12.0           |
| 1700        | 11.7           | 11.9           |
| 1800        | 11.5           | 11.8           |
| 1900        | 11.3           | 11.6           |
| 2000        | 11.2           | 11.3           |
| 2100        | 10.8           | 11.1           |
| 2200        | 10.6           | 10.9           |
| 2300        | 10.5           | 10.8           |
|             |                |                |
| <u>SUM</u>  | 277.3          | 277.7          |
|             |                |                |
| <u>MEAN</u> | 11.6           | 11.6           |

MEAN FOR MONTH

11.9

## WATER LEVEL

1952

| <u>DATE</u> | <u>May 1</u> | <u>May 2</u> | <u>May 3</u> | <u>May 4</u> | <u>May 5</u> | <u>May 6</u> | <u>May 7</u> |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <u>TIME</u> |              |              |              |              |              |              |              |
| 0000        | 10.8         | 11.2         | 11.4         | 11.5         | 11.9         | 12.3         | 12.4         |
| 0100        | 10.8         | 11.2         | 11.2         | 11.4         | 11.8         | 12.3         | 12.6         |
| 0200        | 10.9         | 11.7         | 11.2         | 11.3         | 11.7         | 12.3         | 12.6         |
| 0300        | 11.1         | 11.0         | 11.1         | 11.3         | 11.5         | 12.1         | 12.5         |
| 0400        | 11.2         | 11.2         | 11.3         | 11.2         | 11.5         | 12.0         | 12.3         |
| 0500        | 11.4         | 11.6         | 11.3         | 11.3         | 11.6         | 11.9         | 12.2         |
| 0600        | 11.7         | 12.3         | 11.4         | 11.4         | 11.6         | 11.9         | 12.1         |
| 0700        | 11.9         | 12.8         | 11.8         | 11.7         | 11.7         | 11.9         | 12.1         |
| 0800        | 12.2         | 12.5         | 12.0         | 11.8         | 11.9         | 12.1         | 12.1         |
| 0900        | 12.5         | 12.2         | 12.2         | 12.0         | 12.2         | 12.2         | 12.2         |
| 1000        | 12.6         | 12.2         | 12.3         | 11.9         | 12.3         | 12.3         | 12.3         |
| 1100        | 12.6         | 12.3         | 12.4         | 11.9         | 12.5         | 12.3         | 12.3         |
| 1200        | 12.6         | 12.4         | 12.4         | 12.0         | 12.4         | 12.3         | 12.3         |
| 1300        | 12.3         | 12.3         | 12.2         | 11.9         | 12.3         | 12.1         | 12.1         |
| 1400        | 12.1         | 12.4         | 12.1         | 11.8         | 12.1         | 11.9         | 11.8         |
| 1500        | 12.1         | 12.3         | 11.9         | 11.6         | 11.7         | 11.6         | 11.5         |
| 1600        | 12.1         | 12.0         | 11.9         | 11.4         | 11.5         | 11.4         | 11.1         |
| 1700        | 12.0         | 11.8         | 11.9         | 11.4         | 11.5         | 11.1         | 10.8         |
| 1800        | 12.0         | 11.8         | 11.9         | 11.4         | 11.6         | 11.1         | 10.7         |
| 1900        | 11.9         | 11.8         | 11.8         | 11.5         | 11.7         | 11.3         | 10.9         |
| 2000        | 11.8         | 11.8         | 11.8         | 11.6         | 11.8         | 11.4         | 11.1         |
| 2100        | 11.8         | 11.6         | 11.9         | 11.7         | 12.0         | 11.7         | 11.4         |
| 2200        | 11.7         | 11.5         | 11.9         | 11.9         | 12.2         | 11.9         | 11.6         |
| 2300        | 11.6         | 11.4         | 11.7         | 11.9         | 12.3         | 12.1         | 12.0         |
| <u>SUM</u>  | 283.7        | 285.3        | 283.0        | 278.8        | 285.3        | 285.5        | 285.0        |
| <u>MEAN</u> | 11.8         | 11.9         | 11.8         | 11.6         | 11.9         | 11.9         | 11.9         |

# WATER LEVEL

1952

| <u>DATE</u> | <u>May 8</u> | <u>May 9</u> | <u>May 10</u> | <u>May 11</u> | <u>May 12</u> | <u>May 13</u> | <u>May 14</u> |
|-------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |              |              |               |               |               |               |               |
| 0000        | 12.2         | 12.2         | 12.1          | 10.4          | 11.0          | 10.7          | 10.2          |
| 0100        | 12.6         | 12.8         | 12.8          | 10.9          | 11.6          | 11.2          | 10.6          |
| 0200        | 12.6         | 13.1         | 13.0          | 11.2          | 12.0          | 11.5          | 10.9          |
| 0300        | 12.6         | 13.4         | 13.4          | 11.4          | 12.8          | 12.0          | 11.3          |
| 0400        | 12.5         | 13.5         | 13.5          | 11.5          | 13.2          | 12.2          | 11.6          |
| 0500        | 12.4         | 13.4         | 13.6          | 11.6          | 13.4          | 12.4          | 12.0          |
| 0600        | 12.4         | 13.3         | 13.6          | 11.8          | 13.4          | 12.5          | 12.2          |
| 0700        | 12.4         | 13.2         | 13.5          | 12.0          | 13.2          | 12.6          | 12.4          |
| 0800        | 12.4         | 13.0         | 13.3          | 12.0          | 13.1          | 12.7          | 12.4          |
| 0900        | 12.4         | 12.9         | 13.2          | 11.9          | 13.0          | 12.6          | 12.5          |
| 1000        | 12.4         | 12.8         | 13.0          | 11.8          | 13.1          | 12.6          | 12.5          |
| 1100        | 12.3         | 12.7         | 12.8          | 11.9          | 13.1          | 12.5          | 12.5          |
| 1200        | 12.2         | 12.7         | 12.9          | 12.2          | 13.0          | 12.4          | 12.4          |
| 1300        | 12.0         | 12.6         | 12.8          | 12.4          | 13.0          | 12.4          | 12.3          |
| 1400        | 11.8         | 12.5         | 12.5          | 12.5          | 12.8          | 12.3          | 12.2          |
| 1500        | 11.5         | 12.0         | 12.2          | 12.2          | 12.6          | 12.2          | 12.2          |
| 1600        | 11.0         | 11.6         | 11.6          | 11.7          | 12.3          | 12.1          | 12.1          |
| 1700        | 10.7         | 10.9         | 10.9          | 10.9          | 11.7          | 11.9          | 12.0          |
| 1800        | 10.5         | 10.6         | 10.6          | 10.1          | 11.1          | 11.5          | 11.8          |
| 1900        | 10.4         | 10.5         | 10.3          | 9.4           | 10.5          | 11.0          | 11.6          |
| 2000        | 10.7         | 10.6         | 9.7           | 9.2           | 10.0          | 10.6          | 11.3          |
| 2100        | 11.1         | 11.0         | 9.6           | 9.5           | 10.0          | 10.2          | 10.9          |
| 2200        | 11.4         | 11.4         | 9.8           | 10.0          | 10.0          | 10.0          | 10.6          |
| 2300        | 11.8         | 11.8         | 10.1          | 10.5          | 10.4          | 10.0          | 10.5          |
| <u>SUM</u>  | 284.3        | 294.5        | 290.8         | 269.0         | 290.3         | 282.1         | 281.0         |
| <u>MEAN</u> | 11.8         | 12.3         | 12.1          | 11.2          | 12.1          | 11.8          | 11.7          |



# WATER LEVEL

1952

| <u>DATE</u> | <u>May 15</u> | <u>May 16</u> | <u>May 17</u> | <u>May 18</u> | <u>May 19</u> | <u>May 20</u> | <u>May 21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 10.6          | 11.5          | 12.3          | (12.9)        | 13.4          | -             | -             |
| 0100        | 11.1          | 11.5          | 12.1          | 12.8          | 13.3          | -             | -             |
| 0200        | 11.4          | 11.6          | 12.1          | 12.7          | 13.1          | -             | -             |
| 0300        | 11.8          | 11.9          | 12.2          | 12.6          | 12.9          | -             | -             |
| 0400        | 12.1          | 12.1          | 12.3          | 12.6          | 12.8          | -             | -             |
| 0500        | 12.5          | 12.4          | 12.5          | 12.6          | -             | -             | -             |
| 0600        | 12.6          | 12.5          | 12.7          | 12.8          | -             | -             | -             |
| 0700        | 12.7          | 12.6          | 12.9          | 13.0          | -             | -             | -             |
| 0800        | 12.8          | 13.0          | 13.0          | 13.1          | -             | -             | -             |
| 0900        | 12.8          | 13.3          | 13.3          | 13.1          | -             | -             | -             |
| 1000        | 12.8          | 13.5          | 13.4          | 12.9          | -             | -             | -             |
| 1100        | 12.9          | 13.5          | 13.4          | 12.8          | -             | -             | -             |
| 1200        | 12.9          | 13.3          | 13.3          | 12.7          | -             | -             | -             |
| 1300        | 12.9          | 13.0          | 13.0          | 12.5          | -             | -             | -             |
| 1400        | 12.8          | 12.7          | 12.8          | 12.4          | -             | -             | 12.1          |
| 1500        | 12.6          | 12.5          | 12.6          | 12.3          | -             | -             | 11.7          |
| 1600        | 12.5          | 12.5          | 12.5          | 12.3          | -             | -             | 11.4          |
| 1700        | 12.5          | 12.6          | 12.6          | 12.3          | -             | -             | 11.0          |
| 1800        | 12.4          | 12.8          | 12.7          | 12.4          | -             | -             | 10.8          |
| 1900        | 12.3          | 13.0          | 12.8          | 12.5          | -             | -             | 10.9          |
| 2000        | 12.2          | 13.0          | 12.9          | 12.6          | -             | -             | 11.2          |
| 2100        | 12.0          | 12.9          | 13.1          | 13.1          | -             | -             | 11.5          |
| 2200        | 11.8          | 12.7          | (13.1)        | 13.2          | -             | -             | 11.8          |
| 2300        | 11.6          | 12.5          | (13.0)        | 13.4          | -             | -             | 12.3          |
| <u>SUM</u>  | 294.6         | 302.9         | 306.6         | 305.6         | 65.5          | -             | 114.7         |
| <u>MEAN</u> | 12.3          | 12.6          | 12.8          | 12.7          | 13.1          | -             | 11.5          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>May 22</u> | <u>May 23</u> | <u>May 24</u> | <u>May 25</u> | <u>May 26</u> | <u>May 27</u> | <u>May 28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.8          | 12.4          | 12.0          | 11.7          | 11.6          | 11.4          | -             |
| 0100        | 13.3          | 12.9          | 12.1          | 12.0          | 11.6          | 11.6          | -             |
| 0200        | 13.5          | 13.2          | 12.6          | 12.4          | 11.9          | 11.9          | -             |
| 0300        | 13.6          | 13.5          | 12.9          | 13.0          | 12.5          | 12.3          | -             |
| 0400        | 13.5          | 13.4          | 13.5          | 13.3          | 13.0          | 12.6          | -             |
| 0500        | 13.4          | 13.4          | 13.5          | 13.4          | 13.2          | -             | -             |
| 0600        | 13.3          | 13.4          | 13.0          | 13.4          | 13.4          | -             | -             |
| 0700        | 13.2          | 13.5          | 12.1          | 13.5          | 13.4          | -             | -             |
| 0800        | 13.2          | 13.6          | 11.5          | 13.7          | 13.3          | -             | -             |
| 0900        | 13.2          | 13.7          | 12.1          | 13.4          | 13.2          | -             | -             |
| 1000        | 13.2          | 13.8          | 13.0          | 13.5          | 13.1          | -             | -             |
| 1100        | 13.1          | 13.7          | 13.8          | 13.4          | 13.0          | -             | -             |
| 1200        | 12.9          | 13.6          | 14.1          | 13.2          | 13.0          | -             | -             |
| 1300        | 12.7          | 13.5          | 13.9          | 12.9          | 12.8          | -             | -             |
| 1400        | 12.5          | 13.3          | 13.3          | 12.8          | 12.8          | -             | -             |
| 1500        | 11.9          | 12.8          | 12.7          | 12.9          | 12.7          | -             | -             |
| 1600        | 11.6          | 12.4          | 11.9          | 12.3          | 12.5          | -             | -             |
| 1700        | 11.3          | 11.9          | 11.4          | 11.9          | 12.1          | -             | -             |
| 1800        | 11.1          | 11.5          | 11.3          | 11.2          | 11.7          | -             | -             |
| 1900        | 11.0          | 11.4          | 11.3          | 10.6          | 11.3          | -             | -             |
| 2000        | 11.1          | 11.5          | 11.3          | (10.7)        | 11.0          | -             | -             |
| 2100        | 11.4          | 11.6          | 11.2          | (10.9)        | 11.0          | -             | -             |
| 2200        | 11.6          | 11.7          | 11.2          | 11.3          | 11.1          | -             | -             |
| 2300        | 12.0          | 11.9          | 11.5          | 11.4          | 11.2          | -             | -             |
| <u>SUM</u>  | 300.4         | 307.6         | 297.2         | 298.8         | 296.4         | 59.8          | -             |
| <u>MEAN</u> | 12.5          | 12.8          | 12.4          | 12.4          | 12.4          | 12.0          | -             |

# WATER LEVEL

1952

| <u>DATE</u> | <u>May 29</u> | <u>May 30</u> | <u>May 31</u> |
|-------------|---------------|---------------|---------------|
|-------------|---------------|---------------|---------------|

|             |  |  |  |
|-------------|--|--|--|
| <u>TIME</u> |  |  |  |
|-------------|--|--|--|

|      |   |   |   |
|------|---|---|---|
| 0000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0300 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0400 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0500 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0600 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0700 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0800 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 0900 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1300 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1400 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1500 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1600 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1700 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1800 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 1900 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2000 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2100 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2200 | - | - | - |
|------|---|---|---|

|      |   |   |   |
|------|---|---|---|
| 2300 | - | - | - |
|------|---|---|---|

|            |   |   |   |
|------------|---|---|---|
| <u>SUM</u> | - | - | - |
|------------|---|---|---|

|             |   |   |   |
|-------------|---|---|---|
| <u>MEAN</u> | - | - | - |
|-------------|---|---|---|

MEAN FOR MONTH

12.1

# WATER LEVEL

1952

| <u>DATE</u> | <u>June 1</u> | <u>June 2</u> | <u>June 3</u> | <u>June 4</u> | <u>June 5</u> | <u>June 6</u> | <u>June 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | -             | -             | -             | -             | -             | -             | -             |
| 0100        | -             | -             | -             | -             | -             | -             | -             |
| 0200        | -             | -             | -             | -             | -             | -             | -             |
| 0300        | -             | -             | -             | -             | -             | -             | -             |
| 0400        | -             | -             | -             | -             | -             | -             | -             |
| 0500        | -             | -             | -             | -             | -             | -             | -             |
| 0600        | -             | -             | -             | -             | -             | -             | -             |
| 0700        | -             | -             | -             | -             | -             | -             | -             |
| 0800        | -             | -             | -             | -             | -             | -             | -             |
| 0900        | -             | -             | -             | -             | -             | -             | -             |
| 1000        | -             | -             | -             | -             | -             | -             | -             |
| 1100        | -             | -             | -             | -             | -             | -             | -             |
| 1200        | -             | -             | -             | -             | -             | -             | -             |
| 1300        | -             | -             | -             | -             | -             | -             | -             |
| 1400        | -             | -             | -             | -             | -             | -             | -             |
| 1500        | -             | -             | -             | -             | -             | -             | -             |
| 1600        | -             | -             | -             | -             | -             | -             | -             |
| 1700        | -             | -             | -             | -             | -             | -             | -             |
| 1800        | -             | -             | -             | -             | -             | -             | -             |
| 1900        | -             | -             | -             | -             | -             | -             | -             |
| 2000        | -             | -             | -             | -             | -             | -             | -             |
| 2100        | -             | -             | -             | -             | -             | -             | -             |
| 2200        | -             | -             | -             | -             | -             | -             | -             |
| 2300        | -             | -             | -             | -             | -             | -             | -             |
| <u>SUM</u>  | -             | -             | -             | -             | -             | -             | -             |
| <u>MEAN</u> | -             | -             | -             | -             | -             | -             | -             |

# WATER LEVEL

1952

| <u>DATE</u> | <u>June 8</u> | <u>June 9</u> | <u>June 10</u> | <u>June 11</u> | <u>June 12</u> | <u>June 13</u> | <u>June 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | -             | -             | -              | -              | -              | 11.0           | 11.3           |
| 0100        | -             | -             | -              | -              | -              | 11.1           | 11.5           |
| 0200        | -             | -             | -              | -              | -              | 11.3           | 11.6           |
| 0300        | -             | -             | -              | -              | -              | 11.6           | 11.7           |
| 0400        | -             | -             | -              | -              | -              | 11.9           | 11.9           |
| 0500        | -             | -             | -              | -              | -              | 12.2           | 12.1           |
| 0600        | -             | -             | -              | -              | -              | 12.4           | 12.2           |
| 0700        | -             | -             | -              | -              | -              | 12.6           | 12.4           |
| 0800        | -             | -             | -              | -              | -              | 12.6           | 12.5           |
| 0900        | -             | -             | -              | -              | -              | 12.6           | 12.5           |
| 1000        | -             | -             | -              | -              | 12.7           | 12.4           | 12.3           |
| 1100        | -             | -             | -              | -              | 12.7           | 12.2           | 12.1           |
| 1200        | -             | -             | -              | -              | 12.7           | 12.0           | 11.9           |
| 1300        | -             | -             | -              | -              | 12.6           | 11.9           | 11.7           |
| 1400        | -             | -             | -              | -              | 12.5           | 11.9           | 11.6           |
| 1500        | -             | -             | -              | -              | 12.3           | 11.9           | 11.5           |
| 1600        | -             | -             | -              | -              | 12.3           | 12.0           | 11.5           |
| 1700        | -             | -             | -              | -              | 12.3           | 12.1           | 11.6           |
| 1800        | -             | -             | -              | -              | 12.3           | 12.2           | 11.6           |
| 1900        | -             | -             | -              | -              | 12.0           | 12.3           | (12.1)         |
| 2000        | -             | -             | -              | -              | 11.7           | 12.0           | (12.2)         |
| 2100        | -             | -             | -              | -              | 11.3           | 11.8           | (12.1)         |
| 2200        | -             | -             | -              | -              | 11.0           | 11.5           | (12.0)         |
| 2300        | -             | -             | -              | -              | 10.8           | 11.3           | (11.8)         |
| <u>SUM</u>  | -             | -             | -              | -              | 169.2          | 286.8          | 285.7          |
| <u>MEAN</u> | -             | -             | -              | -              | 12.1           | 12.0           | 11.9           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>June 15</u> | <u>June 16</u> | <u>June 17</u> | <u>June 18</u> | <u>June 19</u> | <u>June 20</u> | <u>June 21</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 11.7           | 12.2           | 12.6           | 12.7           | 12.6           | 12.1           | 11.8           |
| 0100        | 11.6           | 12.2           | 12.6           | 12.8           | 12.9           | 12.7           | 12.5           |
| 0200        | 11.6           | 12.1           | 12.6           | 12.7           | 12.9           | 12.9           | 12.9           |
| 0300        | 11.8           | 12.0           | 12.5           | 12.5           | 12.9           | 13.0           | 13.2           |
| 0400        | 11.9           | 12.0           | 12.4           | 12.4           | 12.8           | 12.9           | 13.3           |
| 0500        | 12.0           | 12.1           | 12.3           | 12.4           | 12.7           | 12.7           | 13.2           |
| 0600        | 12.1           | 12.2           | 12.3           | 12.4           | 12.7           | 12.6           | 13.1           |
| 0700        | 12.3           | 12.3           | 12.2           | 12.3           | 12.6           | 12.5           | 12.9           |
| 0800        | 12.4           | 12.4           | 12.2           | 12.3           | 12.5           | 12.5           | 12.8           |
| 0900        | 12.3           | 12.3           | 12.1           | 12.2           | 12.3           | 12.4           | 12.8           |
| 1000        | 12.2           | 12.2           | 12.1           | 12.1           | 12.3           | 12.4           | 12.8           |
| 1100        | 12.0           | 12.0           | 12.0           | 11.9           | 12.1           | 12.3           | 12.8           |
| 1200        | 11.7           | 11.8           | 11.7           | 11.8           | 12.0           | 12.2           | 12.8           |
| 1300        | 11.4           | 11.3           | 11.3           | 11.5           | 11.8           | 12.0           | 12.5           |
| 1400        | 11.4           | 11.0           | 10.9           | 11.3           | 11.5           | 11.6           | 12.2           |
| 1500        | 11.3           | 10.9           | 10.7           | 10.9           | 11.0           | 11.1           | 11.6           |
| 1600        | 11.3           | 10.9           | 10.6           | 10.7           | 10.6           | 10.8           | 11.1           |
| 1700        | 11.4           | 11.1           | 10.7           | 10.5           | 10.3           | 10.5           | 10.7           |
| 1800        | 11.5           | 11.3           | 10.8           | 10.5           | 10.2           | 10.2           | 10.6           |
| 1900        | 11.9           | 11.6           | 11.0           | 10.7           | 10.4           | 10.2           | 10.5           |
| 2000        | 12.1           | 11.7           | 11.4           | 10.9           | 10.6           | 10.3           | 10.4           |
| 2100        | 12.2           | 12.2           | 11.8           | 11.3           | 10.9           | 10.7           | (10.6)         |
| 2200        | 12.3           | 12.4           | 12.1           | 11.7           | 11.3           | 11.0           | (10.9)         |
| 2300        | 12.3           | 12.6           | 12.5           | 12.2           | 11.7           | 11.4           | (11.5)         |
| <u>SUM</u>  | 284.7          | 284.8          | 283.4          | 282.7          | 283.6          | 283.0          | 289.5          |
| <u>MEAN</u> | 11.9           | 11.9           | 11.8           | 11.8           | 11.8           | 11.8           | 12.1           |

## WATER LEVEL

1952

| <u>DATE</u> | <u>June 22</u> | <u>June 23</u> | <u>June 24</u> | <u>June 25</u> | <u>June 26</u> | <u>June 27</u> | <u>June 28</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | (12.1)         | 11.5           | 11.4           | 11.6           | 11.5           | 11.6           | 11.6           |
| 0100        | 12.8           | 12.0           | 11.7           | 12.1           | 11.8           | 11.8           | 11.6           |
| 0200        | 13.0           | 12.3           | 12.1           | 12.4           | 12.1           | 12.0           | 11.7           |
| 0300        | 13.4           | 12.6           | 12.5           | 12.9           | 12.4           | 12.3           | 11.9           |
| 0400        | 13.4           | 12.9           | 12.9           | 13.1           | 12.6           | 12.5           | 12.0           |
| 0500        | 13.3           | 13.2           | 13.0           | 13.2           | 12.8           | 12.7           | 12.3           |
| 0600        | 13.2           | 13.2           | 13.0           | 13.2           | 12.8           | 12.9           | 12.4           |
| 0700        | 13.1           | 13.2           | 12.8           | 13.1           | 12.8           | 12.8           | 12.4           |
| 0800        | 13.1           | 13.2           | 12.8           | 12.8           | 12.8           | 12.8           | 12.3           |
| 0900        | 13.0           | 13.0           | 12.6           | 12.7           | 12.6           | 12.6           | 12.1           |
| 1000        | 13.0           | 12.8           | 12.6           | 12.7           | 12.6           | 12.5           | 12.0           |
| 1100        | 12.9           | 12.7           | 12.6           | 12.6           | 12.6           | 12.4           | 12.3           |
| 1200        | 12.8           | 12.7           | 12.5           | 12.6           | 12.5           | 12.4           | 12.4           |
| 1300        | 12.6           | 12.6           | 12.6           | 12.5           | 12.5           | 12.3           | 12.4           |
| 1400        | 12.4           | 12.4           | 12.5           | 12.5           | 12.4           | 12.3           | 12.5           |
| 1500        | 11.8           | 12.0           | 12.2           | 12.4           | 12.3           | 12.2           | 12.3           |
| 1600        | 11.5           | 11.8           | 12.0           | 12.2           | 12.2           | 12.2           | 12.1           |
| 1700        | 10.9           | 11.3           | 11.8           | 12.0           | 12.1           | 12.2           | 12.4           |
| 1800        | 10.6           | 10.9           | 11.5           | 11.7           | 12.0           | 12.1           | 12.0           |
| 1900        | 10.5           | 10.7           | 11.0           | 11.3           | 11.7           | 12.1           | 11.7           |
| 2000        | 10.5           | 10.6           | 10.8           | 11.0           | 11.6           | 11.9           | 11.8           |
| 2100        | 10.9           | 10.8           | 10.8           | 11.0           | 11.5           | 11.7           | 12.1           |
| 2200        | 11.1           | 10.9           | 11.0           | 11.0           | 11.5           | 11.6           | 12.0           |
| 2300        | 11.3           | 11.2           | 11.2           | 11.3           | 11.6           | 11.6           | 12.0           |
| <u>SUM</u>  | 293.2          | 290.5          | 289.9          | 293.9          | 293.3          | 293.5          | 290.3          |
| <u>MEAN</u> | 12.2           | 12.1           | 12.1           | 12.2           | 12.2           | 12.2           | 12.1           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>June 29</u> | <u>June 30</u> |
|-------------|----------------|----------------|
| <u>TIME</u> |                |                |
| 0000        | 12.0           | 12.2           |
| 0100        | 12.0           | 12.2           |
| 0200        | 11.9           | 12.4           |
| 0300        | 12.1           | 12.5           |
| 0400        | 12.2           | 12.6           |
| 0500        | 12.4           | 12.8           |
| 0600        | 12.6           | 12.7           |
| 0700        | 12.6           | 12.9           |
| 0800        | 12.7           | 12.9           |
| 0900        | 12.8           | 12.8           |
| 1000        | 12.7           | 12.6           |
| 1100        | 12.6           | 12.0           |
| 1200        | 12.4           | 11.5           |
| 1300        | 12.1           | 11.4           |
| 1400        | 12.1           | 11.4           |
| 1500        | 12.0           | 11.5           |
| 1600        | 12.1           | 11.5           |
| 1700        | 12.2           | 11.6           |
| 1800        | 12.2           | 11.8           |
| 1900        | 12.0           | 12.0           |
| 2000        | 12.2           | 12.2           |
| 2100        | 12.2           | 12.2           |
| 2200        | 12.3           | 12.2           |
| 2300        | 12.3           | 12.3           |
|             |                |                |
| <u>SUM</u>  | 294.7          | 292.4          |
|             |                |                |
| <u>MEAN</u> | 12.3           | 12.2           |

MEAN FOR MONTH

12.0



# WATER LEVEL

1952

| <u>DATE</u> | <u>July 1</u> | <u>July 2</u> | <u>July 3</u> | <u>July 4</u> | <u>July 5</u> | <u>July 6</u> | <u>July 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.3          | 12.5          | 12.8          | 13.1          | 13.3          | 12.8          | 12.1          |
| 0100        | 12.3          | 12.5          | 12.9          | 13.2          | 13.6          | 13.3          | 12.6          |
| 0200        | 12.4          | 12.4          | 12.9          | 13.3          | 13.7          | 13.5          | 13.0          |
| 0300        | 12.5          | 12.4          | 12.9          | 13.4          | 13.8          | 13.6          | 13.1          |
| 0400        | 12.6          | 12.4          | 12.9          | 13.4          | 13.9          | 13.5          | 13.2          |
| 0500        | 12.6          | 12.3          | 12.8          | 13.3          | 13.8          | 13.5          | 13.1          |
| 0600        | 12.6          | 12.3          | 12.8          | 13.3          | 13.6          | 13.5          | 13.1          |
| 0700        | 12.6          | 12.3          | 12.9          | 13.3          | 13.4          | 13.4          | 13.1          |
| 0800        | 12.5          | 12.3          | 12.8          | 13.2          | 13.3          | 13.4          | 13.1          |
| 0900        | 12.3          | 12.4          | 12.8          | 13.1          | 13.1          | 13.3          | 13.3          |
| 1000        | 12.2          | 12.3          | 12.7          | 13.1          | 13.1          | 13.4          | 13.3          |
| 1100        | 12.0          | 12.1          | 12.4          | 12.9          | 12.9          | 13.3          | 13.2          |
| 1200        | 11.7          | 11.6          | 12.1          | 12.6          | 12.8          | 13.1          | 13.0          |
| 1300        | 11.4          | 11.2          | 11.6          | 12.3          | 12.5          | 12.8          | 12.7          |
| 1400        | 11.3          | 11.0          | 11.2          | 11.8          | 12.2          | 12.4          | 12.2          |
| 1500        | 11.2          | 10.8          | 10.9          | 11.5          | 11.7          | 11.9          | 11.7          |
| 1600        | 11.2          | 10.8          | 10.8          | 11.2          | 11.4          | 11.3          | 11.2          |
| 1700        | 11.3          | 10.9          | 10.8          | 11.2          | 11.0          | 10.7          | 10.6          |
| 1800        | 11.4          | 11.2          | 11.0          | 11.2          | 10.9          | (10.8)        | 10.3          |
| 1900        | 11.7          | 11.4          | 11.5          | 11.6          | 10.9          | (10.7)        | 10.1          |
| 2000        | 11.8          | 11.7          | 11.8          | 11.8          | 11.0          | (10.7)        | 10.3          |
| 2100        | 12.1          | 12.2          | 12.2          | 12.2          | 11.5          | 10.9          | 10.6          |
| 2200        | 12.3          | 12.4          | 12.5          | 12.5          | 11.8          | 11.3          | 10.8          |
| 2300        | 12.5          | 12.7          | 12.8          | 12.9          | 12.3          | 11.7          | 11.4          |
| <u>SUM</u>  | 288.8         | 286.1         | 292.8         | 301.4         | 301.5         | 298.8         | 291.1         |
| <u>MEAN</u> | 12.0          | 11.9          | 12.2          | 12.6          | 12.6          | 12.4          | 12.1          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>July 8</u> | <u>July 9</u> | <u>July 10</u> | <u>July 11</u> | <u>July 12</u> | <u>July 13</u> | <u>July 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 11.7          | 11.8          | 11.2           | 11.5           | 11.6           | 12.3           | 12.8           |
| 0100        | 12.3          | 12.4          | 11.7           | 11.8           | 11.8           | 12.3           | 12.8           |
| 0200        | 12.8          | 12.7          | 12.0           | 12.1           | 12.0           | 12.4           | 12.7           |
| 0300        | 13.1          | 13.1          | 12.5           | 12.3           | 12.0           | 12.4           | 12.6           |
| 0400        | 13.1          | 13.1          | 12.7           | 12.6           | 12.4           | 12.5           | 12.6           |
| 0500        | 13.2          | 13.1          | 12.9           | 12.8           | 12.5           | 12.6           | 12.7           |
| 0600        | 13.1          | 12.9          | 12.8           | 12.8           | 12.5           | 12.6           | 12.8           |
| 0700        | 13.1          | 12.9          | 12.7           | 12.6           | 12.4           | 12.6           | 12.9           |
| 0800        | 13.1          | 13.0          | 12.6           | 12.5           | 12.3           | 12.6           | 12.9           |
| 0900        | 13.2          | 12.7          | 12.6           | 12.4           | 12.1           | 12.2           | 12.8           |
| 1000        | 13.2          | 12.9          | 12.5           | 12.2           | 12.0           | 12.0           | 12.4           |
| 1100        | 13.2          | 12.8          | 12.5           | 12.2           | 11.9           | 11.7           | 12.2           |
| 1200        | 13.1          | 13.1          | 12.5           | 12.2           | 11.7           | 11.8           | 12.0           |
| 1300        | 12.9          | 13.1          | 12.6           | 12.2           | 11.9           | 11.7           | 11.7           |
| 1400        | 12.7          | 12.9          | 12.6           | 12.3           | 12.0           | 11.7           | 11.7           |
| 1500        | 12.3          | 12.7          | 12.7           | 12.5           | 12.1           | 11.9           | 11.8           |
| 1600        | 12.0          | 12.4          | 12.7           | 12.6           | 12.3           | 12.1           | 11.7           |
| 1700        | 11.4          | 11.7          | 12.5           | 12.6           | 12.4           | 12.0           | 11.9           |
| 1800        | 10.8          | 11.3          | 12.2           | 12.4           | 12.4           | 12.3           | 12.2           |
| 1900        | 10.4          | 10.5          | 11.7           | 12.1           | 12.4           | 12.4           | 12.5           |
| 2000        | 10.4          | 10.3          | 11.3           | 11.9           | 12.3           | 12.7           | 12.7           |
| 2100        | 10.5          | 10.3          | 10.9           | 11.6           | 12.2           | 12.8           | 13.0           |
| 2200        | 10.8          | 10.4          | 10.9           | 11.5           | 12.2           | 12.9           | 13.2           |
| 2300        | 11.3          | 10.8          | 11.2           | 11.5           | 12.2           | 12.8           | 13.3           |
| <u>SUM</u>  | 293.7         | 292.9         | 292.5          | 293.2          | 291.6          | 295.3          | 299.9          |
| <u>MEAN</u> | 12.2          | 12.2          | 12.2           | 12.2           | 12.2           | 12.3           | 12.5           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>July 15</u> | <u>July 16</u> | <u>July 17</u> | <u>July 18</u> | <u>July 19</u> | <u>July 20</u> | <u>July 21</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 13.4           | 14.7           | 14.4           | 13.6           | 12.7           | 12.3           | 12.2           |
| 0100        | 13.3           | 14.7           | 14.4           | 13.7           | 13.0           | 12.8           | 12.7           |
| 0200        | 13.4           | 14.6           | 14.5           | 14.0           | 13.4           | 13.2           | 13.1           |
| 0300        | 13.6           | 14.9           | 14.7           | 13.9           | 13.7           | 13.5           | 13.4           |
| 0400        | 13.6           | 15.0           | 14.6           | 13.9           | 13.8           | 13.7           | 13.5           |
| 0500        | 13.7           | 14.8           | 14.5           | 14.0           | 13.7           | 13.7           | 13.6           |
| 0600        | 13.6           | 14.6           | 14.5           | 14.2           | 13.7           | 13.6           | 13.5           |
| 0700        | 13.5           | 14.5           | 14.3           | 14.1           | 13.6           | 13.5           | 13.3           |
| 0800        | 13.5           | 14.6           | 14.2           | 14.0           | 13.6           | 13.5           | 13.3           |
| 0900        | 13.4           | 14.5           | 14.1           | 13.7           | 13.7           | 13.4           | 13.2           |
| 1000        | 13.2           | 14.3           | 14.0           | 13.6           | 13.7           | 13.3           | 13.2           |
| 1100        | 12.9           | 14.2           | 13.9           | 13.7           | 13.5           | 13.1           | 13.0           |
| 1200        | 12.7           | 13.9           | 13.7           | 13.4           | 13.4           | 13.1           | 12.8           |
| 1300        | 12.6           | 13.5           | 13.0           | 13.1           | 13.1           | 13.0           | 12.7           |
| 1400        | 12.5           | 13.4           | 12.5           | 12.8           | 12.8           | 12.7           | 12.5           |
| 1500        | 12.5           | 13.1           | 12.0           | 12.3           | 12.4           | 12.2           | 12.2           |
| 1600        | 12.6           | 12.9           | 11.8           | 11.9           | 12.1           | 11.9           | 11.8           |
| 1700        | 12.6           | 12.9           | 11.8           | 11.7           | 11.7           | 11.5           | 11.3           |
| 1800        | 12.6           | 12.8           | 11.7           | 11.6           | 11.5           | 11.2           | 10.9           |
| 1900        | 13.0           | 12.8           | 12.0           | 11.7           | 11.5           | 11.1           | 10.7           |
| 2000        | 13.3           | 13.1           | 12.0           | 11.8           | 11.6           | 11.1           | 10.7           |
| 2100        | 13.8           | 13.5           | 12.5           | 12.0           | 11.7           | 11.2           | 11.0           |
| 2200        | 14.0           | 13.8           | 12.8           | 12.3           | 11.8           | 11.5           | 11.4           |
| 2300        | 14.3           | 14.2           | 13.3           | 12.6           | 12.1           | 12.0           | 11.6           |
| <u>SUM</u>  | 317.6          | 335.3          | 321.2          | 313.6          | 307.8          | 302.1          | 297.6          |
| <u>MEAN</u> | 13.2           | 14.0           | 13.4           | 13.1           | 12.8           | 12.6           | 12.4           |

## WATER LEVEL

1952

| <u>DATE</u> | <u>July 22</u> | <u>July 23</u> | <u>July 24</u> | <u>July 25</u> | <u>July 26</u> | <u>July 27</u> | <u>July 28</u> |
|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |                |                |                |                |
| 0000        | 11.9           | 11.8           | 11.6           | 11.5           | 11.4           | 11.9           | 12.3           |
| 0100        | 12.3           | 12.2           | 11.9           | 11.7           | 11.6           | 12.2           | 12.4           |
| 0200        | 12.7           | 12.3           | 12.0           | 11.8           | 11.6           | 12.5           | 12.5           |
| 0300        | 13.0           | 12.6           | 12.2           | 12.0           | 11.8           | 12.7           | 12.6           |
| 0400        | 13.1           | 12.7           | 12.5           | 12.3           | 12.1           | 12.8           | 12.7           |
| 0500        | 13.1           | 12.7           | 12.6           | 12.4           | 12.3           | 12.9           | 12.9           |
| 0600        | 13.0           | 12.8           | 12.6           | 12.3           | 12.6           | 12.7           | 12.9           |
| 0700        | 13.0           | 12.7           | 12.5           | 12.2           | 12.7           | 12.6           | 12.7           |
| 0800        | 12.9           | 12.7           | 12.4           | 12.1           | 12.6           | 12.5           | 12.5           |
| 0900        | 13.1           | 12.7           | 12.3           | 12.0           | 12.4           | 12.3           | 12.1           |
| 1000        | 13.1           | 12.7           | 12.2           | 12.0           | 12.2           | 12.1           | 12.0           |
| 1100        | 13.1           | 12.7           | 12.1           | 12.0           | 11.9           | 12.0           | 11.8           |
| 1200        | 13.0           | 12.7           | 12.1           | 12.1           | 11.8           | 12.0           | 11.8           |
| 1300        | 12.9           | 12.7           | 12.2           | 12.1           | 11.9           | 12.0           | 11.8           |
| 1400        | 12.7           | 12.5           | 12.2           | 12.0           | 12.1           | 12.2           | 11.8           |
| 1500        | 12.4           | 12.3           | 12.2           | 12.4           | 12.3           | 12.3           | 11.9           |
| 1600        | 11.9           | 12.2           | 12.1           | 12.3           | 12.5           | 12.4           | 12.0           |
| 1700        | 11.4           | 11.8           | 12.0           | 12.2           | 12.4           | 12.4           | 12.1           |
| 1800        | 11.1           | 11.5           | 11.8           | 12.1           | 12.3           | 12.5           | 12.3           |
| 1900        | 10.8           | 11.2           | 11.5           | 11.7           | 12.3           | 12.3           | 12.5           |
| 2000        | 10.8           | 11.0           | 11.3           | 11.5           | 12.2           | 12.2           | 12.4           |
| 2100        | 11.0           | 11.1           | 11.1           | 11.3           | 12.0           | 12.2           | 12.4           |
| 2200        | 11.2           | 11.3           | 11.1           | 11.1           | 11.9           | 12.3           | 12.4           |
| 2300        | 11.6           | 11.4           | 11.2           | 11.3           | 11.9           | 12.4           | 12.4           |
| <u>SUM</u>  | 295.1          | 292.3          | 287.7          | 286.4          | 290.8          | 296.4          | 295.2          |
| <u>MEAN</u> | 12.3           | 12.2           | 12.0           | 11.9           | 12.1           | 12.4           | 12.3           |

## WATER LEVEL

1952

| <u>DATE</u> | <u>July 29</u> | <u>July 30</u> | <u>July 31</u> |
|-------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |
| 0000        | 12.4           | 12.8           | 13.1           |
| 0100        | 12.4           | 13.0           | 13.1           |
| 0200        | 12.4           | 13.1           | 13.1           |
| 0300        | 12.5           | 13.1           | 13.1           |
| 0400        | 12.5           | 13.2           | 13.1           |
| 0500        | 12.6           | 13.3           | 13.0           |
| 0600        | 12.6           | 13.0           | 12.9           |
| 0700        | 12.5           | 12.5           | 12.6           |
| 0800        | 12.3           | 12.4           | 12.5           |
| 0900        | 12.0           | 12.1           | 12.3           |
| 1000        | 11.9           | 11.8           | 12.2           |
| 1100        | 11.5           | 11.6           | 11.8           |
| 1200        | 11.3           | 11.4           | 11.6           |
| 1300        | 11.3           | 11.4           | 11.3           |
| 1400        | 11.3           | 11.4           | 11.2           |
| 1500        | 11.5           | 11.5           | 11.1           |
| 1600        | 11.7           | 11.5           | 11.0           |
| 1700        | 12.0           | 11.7           | 11.2           |
| 1800        | 12.1           | 11.9           | 11.5           |
| 1900        | 12.3           | 12.1           | 11.8           |
| 2000        | 12.4           | 12.2           | 12.0           |
| 2100        | 12.5           | 12.6           | 12.4           |
| 2200        | 12.5           | 12.7           | 12.7           |
| 2300        | 12.6           | 13.0           | 13.0           |
| <u>SUM</u>  | 291.1          | 295.3          | 293.6          |
| <u>MEAN</u> | 12.1           | 12.3           | 12.2           |

MEAN FOR MONTH

12.4

# WATER LEVEL

1952

| <u>DATE</u> | <u>Aug. 1</u> | <u>Aug. 2</u> | <u>Aug. 3</u> | <u>Aug. 4</u> | <u>Aug. 5</u> | <u>Aug. 6</u> | <u>Aug. 7</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 13.2          | 13.2          | 13.0          | 12.6          | 12.1          | 11.8          | 11.8          |
| 0100        | 13.3          | 13.2          | 13.3          | 13.0          | 12.6          | 12.3          | 12.5          |
| 0200        | 13.2          | 13.2          | 13.3          | 13.2          | 12.9          | 12.6          | 12.7          |
| 0300        | 13.2          | 13.3          | 13.3          | 13.2          | 13.1          | 12.9          | 12.8          |
| 0400        | 13.1          | 13.1          | 13.2          | 13.2          | 13.1          | 13.0          | 12.9          |
| 0500        | 13.0          | 13.1          | 13.1          | 13.1          | 13.1          | 12.9          | 12.6          |
| 0600        | 13.0          | 13.1          | 12.9          | 13.0          | 13.1          | 12.8          | 12.4          |
| 0700        | 12.8          | 13.0          | 12.9          | 13.0          | 13.0          | 12.7          | 12.2          |
| 0800        | 12.8          | 12.9          | 12.9          | 13.1          | 13.1          | 12.7          | 12.1          |
| 0900        | 12.7          | 12.8          | 12.9          | 13.2          | 13.1          | 12.6          | 12.3          |
| 1000        | 12.3          | 12.8          | 12.9          | 13.3          | 13.1          | 12.7          | 12.4          |
| 1100        | 11.6          | 12.2          | 12.9          | 13.3          | 13.2          | 12.9          | 12.4          |
| 1200        | 11.2          | 11.8          | 12.7          | 13.1          | 13.1          | 12.7          | 12.7          |
| 1300        | 10.9          | 11.4          | 12.2          | 12.8          | 12.9          | 12.8          | 12.6          |
| 1400        | 10.9          | 11.1          | 11.8          | 12.2          | 12.8          | 12.8          | 12.7          |
| 1500        | 10.8          | 10.7          | 11.0          | 11.6          | 12.3          | 12.6          | 12.8          |
| 1600        | 10.8          | 10.7          | 10.7          | 10.9          | 11.8          | 12.4          | 12.7          |
| 1700        | 10.8          | 10.6          | 10.3          | 10.5          | 11.2          | 11.9          | 12.4          |
| 1800        | 10.8          | 10.6          | 10.3          | 10.2          | 10.6          | 11.4          | 12.0          |
| 1900        | 11.2          | 10.8          | 10.4          | 10.2          | 10.3          | 10.7          | 11.2          |
| 2000        | 11.5          | 11.1          | 10.6          | 10.4          | 10.4          | 10.4          | 10.7          |
| 2100        | 12.1          | 11.5          | 11.1          | 10.8          | 10.8          | 10.7          | 10.7          |
| 2200        | 12.5          | 11.9          | 11.6          | 11.2          | 11.0          | 10.9          | 10.9          |
| 2300        | 13.0          | 12.6          | 12.2          | 11.7          | 11.5          | 11.6          | 11.3          |
| <u>SUM</u>  | 290.7         | 290.7         | 291.5         | 292.8         | 294.2         | 292.8         | 291.8         |
| <u>MEAN</u> | 12.1          | 12.1          | 12.1          | 12.2          | 12.3          | 12.2          | 12.2          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Aug. 8</u> | <u>Aug. 9</u> | <u>Aug. 10</u> | <u>Aug. 11</u> | <u>Aug. 12</u> | <u>Aug. 13</u> | <u>Aug. 14</u> |
|-------------|---------------|---------------|----------------|----------------|----------------|----------------|----------------|
| <u>TIME</u> |               |               |                |                |                |                |                |
| 0000        | 11.8          | 11.6          | 12.1           | 12.3           | 12.8           | 12.7           | 12.8           |
| 0100        | 12.1          | 11.9          | 12.3           | 12.5           | 12.8           | 12.7           | 12.8           |
| 0200        | 12.3          | 12.1          | 12.3           | 12.5           | 12.8           | 12.6           | 12.8           |
| 0300        | 12.6          | 12.5          | 12.4           | 12.6           | 12.8           | 12.6           | 12.8           |
| 0400        | 12.6          | 12.6          | 12.5           | 12.6           | 12.8           | 12.5           | 12.7           |
| 0500        | 12.6          | 12.6          | 12.7           | 12.6           | 12.7           | 12.4           | 12.6           |
| 0600        | 12.2          | 12.5          | 12.3           | 12.4           | 12.6           | 12.3           | 12.5           |
| 0700        | 11.9          | 12.1          | 12.0           | 12.2           | 12.2           | 12.3           | 12.4           |
| 0800        | 11.7          | 11.9          | 11.8           | 11.8           | 12.0           | 12.1           | 12.3           |
| 0900        | 11.8          | 11.6          | 11.4           | 11.5           | 11.6           | 12.0           | 12.2           |
| 1000        | 11.9          | 11.5          | 11.3           | 11.1           | 11.5           | 11.5           | 11.9           |
| 1100        | 11.7          | 11.5          | 11.1           | 10.9           | 11.2           | 11.2           | 11.6           |
| 1200        | 11.9          | 11.5          | 11.4           | 10.9           | 10.9           | 11.0           | 11.2           |
| 1300        | 12.0          | 11.6          | 11.4           | 11.0           | 10.8           | 10.7           | 10.8           |
| 1400        | 12.2          | 11.6          | 11.4           | 11.1           | 10.8           | 10.6           | 10.5           |
| 1500        | 12.6          | 11.9          | 11.5           | 11.3           | 10.9           | 10.6           | 10.4           |
| 1600        | 12.7          | 12.1          | 11.8           | 11.6           | 11.0           | 10.6           | 10.4           |
| 1700        | 12.5          | 12.3          | 12.0           | 11.9           | 11.4           | 10.9           | 10.7           |
| 1800        | 12.3          | 12.4          | 12.1           | 12.2           | 11.7           | 11.2           | 10.9           |
| 1900        | 11.8          | 12.3          | 12.4           | 12.5           | 12.0           | 11.7           | 11.4           |
| 2000        | 11.4          | 12.2          | 12.4           | 12.6           | 12.2           | 12.2           | 11.7           |
| 2100        | 11.2          | 12.1          | 12.3           | 12.7           | 12.3           | 12.5           | 12.1           |
| 2200        | 11.3          | 12.0          | 12.3           | 12.7           | 12.4           | 12.7           | 12.4           |
| 2300        | 11.3          | 12.0          | 12.3           | 12.7           | 12.5           | 12.9           | 12.7           |
| <u>SUM</u>  | 288.4         | 288.4         | 287.5          | 288.2          | 286.7          | 284.5          | 284.6          |
| <u>MEAN</u> | 12.0          | 12.0          | 12.0           | 12.0           | 11.9           | 11.9           | 11.9           |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Aug.15</u> | <u>Aug.16</u> | <u>Aug.17</u> | <u>Aug.18</u> | <u>Aug.19</u> | <u>Aug.20</u> | <u>Aug.21</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.8          | 12.8          | 12.5          | 12.3          | 12.3          | 12.3          | 11.9          |
| 0100        | 12.9          | 12.9          | 12.7          | 12.6          | 12.5          | 12.7          | 12.4          |
| 0200        | 12.8          | 12.9          | 12.8          | 12.6          | 12.7          | 12.9          | 12.7          |
| 0300        | 12.7          | 12.9          | 12.7          | 12.6          | 12.7          | 13.0          | 12.8          |
| 0400        | 12.6          | 12.9          | 12.6          | 12.6          | 12.7          | 12.9          | 12.8          |
| 0500        | 12.5          | 12.8          | 12.5          | 12.6          | 12.6          | 12.8          | 12.6          |
| 0600        | 12.5          | 12.8          | 12.5          | 12.5          | 12.5          | 12.8          | 12.4          |
| 0700        | 12.5          | 12.7          | 12.5          | 12.4          | 12.6          | 12.7          | 12.2          |
| 0800        | 12.5          | 12.7          | 12.5          | 12.4          | 12.7          | 12.7          | 12.2          |
| 0900        | 12.3          | 12.6          | 12.5          | 12.5          | 12.8          | 12.8          | 12.2          |
| 1000        | 12.1          | 12.4          | 12.5          | 12.6          | 12.8          | 12.7          | 12.3          |
| 1100        | 11.7          | 12.2          | 12.3          | 12.5          | 12.8          | 12.6          | 12.5          |
| 1200        | 11.5          | 11.9          | 12.2          | 12.3          | 12.7          | 12.7          | 12.5          |
| 1300        | 11.0          | 11.6          | 12.0          | 12.1          | 12.6          | 12.5          | 12.5          |
| 1400        | 10.8          | 11.2          | 11.6          | 11.8          | 12.4          | 12.5          | 12.6          |
| 1500        | 10.7          | 10.8          | 11.2          | 11.5          | 11.9          | 12.4          | 12.4          |
| 1600        | 10.6          | 10.6          | 10.8          | 11.2          | 11.7          | 11.9          | 12.1          |
| 1700        | 10.7          | 10.7          | 10.6          | 10.8          | 11.4          | 11.6          | 11.5          |
| 1800        | 10.9          | 10.8          | 10.6          | 10.6          | 11.0          | 11.4          | 11.4          |
| 1900        | 11.2          | 11.0          | 10.8          | 10.7          | 11.0          | 11.3          | 11.0          |
| 2000        | 11.5          | 11.1          | 10.9          | 10.9          | 11.1          | 11.3          | 10.9          |
| 2100        | 11.8          | 11.6          | 11.4          | 11.3          | 11.3          | 11.4          | 11.1          |
| 2200        | 12.2          | 11.9          | 11.6          | 11.6          | 11.5          | 11.4          | 11.3          |
| 2300        | 12.6          | 12.2          | 12.1          | 12.0          | 12.0          | 11.6          | 11.8          |
| <u>SUM</u>  | 285.4         | 288.0         | 286.4         | 287.0         | 292.3         | 294.9         | 290.1         |
| <u>MEAN</u> | 11.9          | 12.0          | 11.9          | 12.0          | 12.2          | 12.3          | 12.1          |



# WATER LEVEL

1952

| <u>DATE</u> | <u>Aug.22</u> | <u>Aug.23</u> | <u>Aug.24</u> | <u>Aug.25</u> | <u>Aug.26</u> | <u>Aug.27</u> | <u>Aug.28</u> |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <u>TIME</u> |               |               |               |               |               |               |               |
| 0000        | 12.0          | 11.8          | 11.8          | 12.3          | 12.6          | 13.3          | 13.9          |
| 0100        | 12.2          | 11.9          | 12.0          | 12.4          | 12.6          | 13.4          | 13.9          |
| 0200        | 12.2          | 12.0          | 12.2          | 12.4          | 12.6          | 13.5          | 13.8          |
| 0300        | 12.3          | 12.1          | 12.5          | 12.5          | 12.8          | 13.6          | 13.8          |
| 0400        | 12.2          | 12.1          | 12.5          | 12.4          | 12.8          | 13.5          | 13.7          |
| 0500        | 12.0          | 12.0          | 12.2          | 12.2          | 12.8          | 13.6          | 13.5          |
| 0600        | 11.8          | 11.8          | 12.0          | 12.0          | 12.6          | 13.4          | 13.3          |
| 0700        | 11.7          | 11.6          | 11.6          | 11.8          | 12.2          | 12.9          | 13.0          |
| 0800        | 11.7          | 11.6          | 11.4          | 11.6          | 12.0          | 12.6          | 12.7          |
| 0900        | 11.8          | 11.5          | 11.4          | 11.5          | 11.7          | 12.3          | 12.5          |
| 1000        | 11.9          | 11.6          | 11.5          | 11.5          | 11.6          | 12.1          | 12.3          |
| 1100        | 11.9          | 11.6          | 11.5          | 11.5          | 11.5          | 12.2          | 12.1          |
| 1200        | 12.1          | 11.6          | 11.7          | 11.6          | 11.5          | 12.2          | 12.0          |
| 1300        | 12.2          | 11.8          | 12.1          | 11.8          | 11.6          | 12.1          | 11.9          |
| 1400        | 12.2          | 12.1          | 12.1          | 12.0          | 11.7          | 12.2          | 11.7          |
| 1500        | 12.2          | 12.3          | 12.4          | 12.2          | 11.8          | 12.3          | 11.8          |
| 1600        | 12.1          | 12.3          | 12.4          | 12.2          | 11.9          | 12.5          | 12.1          |
| 1700        | 11.8          | 12.4          | 12.4          | 12.3          | 12.2          | 12.7          | 12.2          |
| 1800        | 11.6          | 11.9          | 12.3          | 12.4          | 12.4          | 12.9          | 12.4          |
| 1900        | 11.4          | 11.6          | 12.2          | 12.4          | 12.7          | 13.1          | 12.9          |
| 2000        | 11.5          | 11.3          | 12.2          | 12.5          | 12.7          | 13.2          | 13.1          |
| 2100        | 11.5          | 11.4          | 11.9          | 12.5          | 12.8          | 13.5          | 13.3          |
| 2200        | 11.6          | 11.5          | 12.0          | 12.5          | 13.0          | 13.6          | 13.4          |
| 2300        | 11.7          | 11.7          | 12.2          | 12.5          | 13.2          | 13.8          | 13.5          |
| <u>SUM</u>  | 285.6         | 283.5         | 288.5         | 291.0         | 295.3         | 310.6         | 308.8         |
| <u>MEAN</u> | 11.9          | 11.8          | 12.0          | 12.1          | 12.3          | 12.9          | 12.9          |

# WATER LEVEL

1952

| <u>DATE</u> | <u>Aug. 29</u> | <u>Aug. 30</u> | <u>Aug. 31</u> |
|-------------|----------------|----------------|----------------|
| <u>TIME</u> |                |                |                |
| 0000        | 13.5           | 13.9           | 13.9           |
| 0100        | 13.6           | 13.9           | 14.0           |
| 0200        | 13.5           | 13.8           | 13.9           |
| 0300        | 13.4           | 13.7           | 13.9           |
| 0400        | 13.4           | 13.7           | 13.8           |
| 0500        | 13.3           | 13.6           | 13.7           |
| 0600        | 13.2           | 13.6           | 13.6           |
| 0700        | 12.9           | 13.5           | 13.5           |
| 0800        | 12.7           | 13.3           | 13.5           |
| 0900        | 12.5           | 13.1           | 13.4           |
| 1000        | 12.2           | 12.8           | 13.3           |
| 1100        | 11.9           | 12.3           | 12.7           |
| 1200        | 11.7           | 11.9           | 12.4           |
| 1300        | 11.4           | 11.6           | 11.6           |
| 1400        | 11.3           | 11.4           | 11.2           |
| 1500        | 11.3           | 11.4           | 10.8           |
| 1600        | 11.4           | 11.4           | 10.7           |
| 1700        | 11.7           | 11.6           | 10.8           |
| 1800        | 11.9           | 11.8           | 11.1           |
| 1900        | 12.3           | 12.1           | 11.4           |
| 2000        | 12.7           | 12.4           | 11.7           |
| 2100        | 13.3           | 12.9           | 12.2           |
| 2200        | 13.5           | 13.3           | 12.5           |
| 2300        | 13.8           | 13.7           | 13.0           |
|             |                |                |                |
| <u>SUM</u>  | 302.4          | 306.7          | 302.6          |
| <u>MEAN</u> | 12.6           | 12.8           | 12.6           |

MEAN FOR MONTH

12.2

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