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GROSS EVAPORATION FOR THE 30-YEAR PERIOD 1971-2000 IN THE CANADIAN PRAIRIES

**PFRA
Hydrology Report #143**

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**GROSS EVAPORATION FOR
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Regina, Saskatchewan
May 2002

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SYNOPSIS

This report contains monthly gross evaporation estimates for 55 locations in the Prairie provinces and northeastern British Columbia (east of the Rocky Mountains), and presents a map of mean annual gross evaporation isopleths for the current standard 30-year period 1971-2000. The information contained herein provides specific details of the data base parameters and spatial relationships for estimating gross evaporation from the free water surface of small to moderate-sized water bodies in the Canadian Prairies.

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1. INTRODUCTION

Evaporation from the free water surface of a body of water (e.g. slough, dugout, reservoir or lake) is a significant component of the water balance on the Prairies, and has a major impact on the operation, water supply potential and feasibility of water resource projects. Therefore, it is important that an appropriate gross evaporation data base be developed and used for the analysis of existing and proposed surface water projects.

Gross evaporation estimates used for the analysis of surface water projects in the Canadian Prairies are most often based on monthly values that have been calculated at base locations by the Hydrology Unit of the Prairie Farm Rehabilitation Administration (PFRA)^[1,2,5] using the Meyer formula. The recommended methodology to transpose gross evaporation values from the base locations to study sites involves the spatial interpolation of mean annual gross evaporation isopleths for a standard 30-year period. The Meteorological Service of Canada (MSC) uses a standard 30-year period which encompasses three consecutive decades to define climate normals. The most recent map of mean annual gross evaporation isopleths was provided in a 1994 PFRA report^[5] for the 30-year period 1961-90 based on monthly gross evaporation estimates at 52 locations in and adjacent to the Prairie provinces. The current analysis has been undertaken to update the gross evaporation data base to the year 2000 at 45 of the 52 locations included in the 1994 PFRA report, to calculate gross evaporation for an additional 10 locations, and to develop a new map of mean annual gross evaporation isopleths for the Prairie provinces and northeastern British Columbia for the current standard 30-year period 1971-2000.

A brief description of the background of the Meyer formula and its current form that was used to calculate gross evaporation is provided in Section 2 of this report. Section 2 also contains a discussion of the location selection process, the basic data used to calculate gross evaporation, adjustments that were made to the data as part of a quality control review, and provides a summary of mean annual gross evaporation for the 30-year period 1971-2000 at 51 locations. Isopleths of mean annual gross evaporation for the current standard 30-year period 1971-2000 are shown in Figure 1. The procedure for estimating monthly gross evaporation at a study site using the information contained in this report is described in Section 3. Pertinent conclusions arising from the study are presented in Section 4, and recommendations pertaining to the use of the gross evaporation data base are provided in Section 5. Appendix A documents the source of the basic climatic data used to calculate gross evaporation at all 55 locations. The complete arrays of monthly gross evaporation at these locations are tabulated in Appendix B.

The onus is on the user to understand the basis for the calculation of gross evaporation and to judge the suitability of the tabulated data for specific applications.

2. CALCULATION OF GROSS EVAPORATION

2.1 Background

Historically, gross evaporation has been estimated for operational purposes using both direct (e.g. Class A pan) and indirect (e.g. empirical formulae) methods. One of these indirect methods, the Meyer formula, has been used since the 1960s to estimate gross evaporation on the Canadian Prairies. These gross evaporation estimates have been utilized extensively in many studies since that time.

In the late 1980s, the Meyer formula was revised by PFRA^[1] to incorporate more appropriate component relationships pertaining to conditions in the Canadian Prairies. A brief history of the Meyer formula and references to related studies are provided in a 1988 PFRA report^[1]. That report also describes problems associated with the methodology and the data bases that were used up to that time, and presents a revised Meyer formula for calculating gross evaporation from small to moderate-sized water bodies in the Canadian Prairies. That formula, which was used to calculate gross evaporation in the current analysis, is presented as follows:

$$EG = CK(V_w - V_a)(1 + 6.2139 \times 10^{-2}W)(1 + 3.28084 \times 10^{-5}A) \dots \dots \dots (1)$$

- where:
- EG = monthly gross evaporation, in millimetres, at the meteorological station,
 - C = coefficient of 11 if saturated vapour pressure is based on two observations of relative humidity per day; a coefficient of 10.1 if saturated vapour pressure is based on either two, four or 24 observations of dew point temperature per day; and a coefficient of 10.2 if saturated vapour pressure is based on three observations of dew point temperature per day,
 - K = metric conversion factor of 0.750062,
 - V_w = saturated vapour pressure, in millibars, corresponding to the estimated monthly mean water temperature at the surface of a hypothetical open body of water at the station site,
 - V_a = actual monthly mean vapour pressure, in millibars, in the atmosphere at 7.62 metres above the ground level at the station,
 - W = monthly mean wind speed, in kilometres per hour, at 7.62 metres above the ground level at the station, and
 - A = elevation, in metres above mean sea level, of ground level at the station.

With the exception of new air/water temperature relationships for northern/boreal stations and the inclusion of a coefficient of 10.1 for vapor pressure and air temperature based on 24 hourly values per day, the relationships and procedures that are used in this study to determine the various components of the Meyer formula are the same as those presented in previous PFRA reports^[1,2,5,6]. They are restated herein for the sake of completeness.

Water temperature for stations in the southern/agricultural region is estimated using the following air/water temperature relationship:

$$T_w = 0.60T_A + B \dots\dots\dots (2a)$$

where: T_w = monthly mean surface water temperature, in °C,
 T_A = monthly mean air temperature, in °C, and
 B = intercept value corresponding to the month under consideration:

January	-3.0°C	May	7.3°C	September	7.1°C
February	-2.8°C	June	8.8°C	October	3.0°C
March	-1.4°C	July	10.0°C	November	-1.2°C
April	2.0°C	August	9.6°C	December	-2.6°C

Water temperature for stations in the northern/boreal region (refer to Section 2.5) is estimated using the following air/water temperature relationship:

$$T_w = 0.60T_A + B \dots\dots\dots (2b)$$

where: T_w = monthly mean surface water temperature, in °C,
 T_A = monthly mean air temperature, in °C, and
 B = intercept value corresponding to the month under consideration:

January	-4.0°C	May	-0.5°C	September	5.5°C
February	-3.9°C	June	6.5°C	October	0.0°C
March	-3.5°C	July	9.0°C	November	-3.5°C
April	-2.5°C	August	8.5°C	December	-3.9°C

If the estimated monthly mean surface water temperature is less than 0°C, the gross evaporation for the month under consideration is arbitrarily set to zero.

Saturated vapour pressure, V_w (as required for Equation 1), is determined using the estimated monthly mean surface water temperature in the Goff-Gratch formulation:

$$\log_{10} V_w = -7.90298(T_s/T-1) + 5.02808\log_{10}(T_s/T) - 1.3816 \times 10^{-7} (10^{11.344(1-T/T_s)} - 1) + 8.1328 \times 10^{-3} (10^{-3.49149(T_s/T-1)} - 1) + \log_{10} e_{ws} \dots\dots\dots (3)$$

where: V_w = saturated vapour pressure, in millibars, over a surface of pure liquid water,
 T_s = steam-point temperature (373.16 °K) at one standard atmosphere,
 T = absolute monthly mean water temperature, in °K, where $T = T_w + 273.16$, and

e_{ws} = saturated pressure (1013.246 millibars) of pure liquid water at steam-point temperature of one standard atmosphere.

The actual monthly mean vapour pressure, V_a (at a height of 7.62 metres above the ground level as required for Equation 1), is derived from vapour pressure (V_{ap}) determined at a height of 1.22 metres above the ground level. First, monthly vapour pressure values are obtained using Equation 3 by substituting the monthly mean dew point temperature values (whenever available) or the monthly mean air temperatures for T_w in the vapour pressure relationship and solving for V_w . (In this case, V_w is not the saturated vapour pressure but the actual vapour pressure.) V_{ap} values are then equated to the V_w values. Whenever air temperature data are used in place of dew point temperature data, the resultant V_{ap} values are further multiplied by the corresponding relative humidity values to obtain an appropriate V_{ap} value for each month. Monthly mean actual vapour pressure values are then adjusted to the 7.62-metre level using the following relationship:

$$V_a = V_{ap}(0.094\log_{10}V_{apm} + 0.8559) \dots\dots\dots (4)$$

where: V_a = actual monthly mean vapour pressure, in millibars, in the atmosphere at 7.62 metres above ground level,
 V_{ap} = monthly mean vapour pressure, in millibars, derived from meteorological observations assumed to be at the 1.22-metre level, and
 V_{apm} = mean of the April to October values of V_{ap} for the calendar year. (Thus, V_{apm} varies for each calendar year.)

Equation 4 is applicable only for adjusting vapour pressure values from the 1.22-metre level to the 7.62-metre level.

Wind speed, W (as required for Equation 1), is determined at the 7.62-metre level using the following relationship:

$$W = W_r(7.62/H_{ag})^{0.25} \dots\dots\dots (5)$$

where: W = monthly mean wind speed, in kilometres per hour, at 7.62 metres above ground level,
 W_r = recorded monthly mean wind speed, in kilometres per hour, at the meteorological station, and
 H_{ag} = height above ground, in metres, of the anemometer with which W_r observations were obtained.

2.2 Station Selection

Station selection was based solely on the availability of pertinent data within the Prairie provinces and northeastern British Columbia (east of the Rocky Mountains) for the 30-year period 1971-2000. This 30-year period was used so that the calculated annual gross evaporation means would correspond to the 30-period standard normals determined and published by MSC for other climate parameters. MSC uses a standard 30-year period, which encompasses three consecutive decades, as the basis for calculating climate normals. As each decade passes, the normals for the new 30-year period are calculated.

Seven of the 52 meteorological stations included in the 1994 PFRA report^[5] were not included in the present analysis. The Prince George station in northeastern British Columbia was excluded because it was located on the western side of the Rocky Mountains and thus had no bearing on the drawing of gross evaporation isopleths for the Canadian Prairies. The six stations in the United States were excluded because two stations had been discontinued in the late 1980s, two stations had been discontinued in the early 1990s and the remaining two stations would have had little impact on changing the pattern that was established in the 1994 PFRA report^[5].

Seven stations were added to the data base: two (High Level and Pincher Creek) in Alberta, one (Key Lake) in Saskatchewan, and four (Gillam, Island Lake, Lynn Lake and Norway House) in Manitoba. The Pincher Creek station in extreme southwestern Alberta was included even though the calculated gross evaporation values are not representative of a widespread area because it is situated in a windswept valley. However, the mean annual gross evaporation value for this station helps to delineate the gross evaporation isolines in the immediate area. In addition, the gross evaporation values for two stations (Wagner and Dafoe) that were previously combined with nearby stations (Slave Lake and Wynyard) were separated, and one station (Vermilion) that previously combined Vermilion and Lloydminster values was separated and the Lloydminster station became the primary station because it has been active for most of the 30-year period 1971-2000.

A total of 55 stations were included in the present analysis: 2 in British Columbia, 21 in Alberta, 18 in Saskatchewan and 14 in Manitoba. The names of these stations, the period of data availability and indications of missing data are provided in Appendix A. Monthly gross evaporation for these stations is provided in Appendix B.

Nine of the 55 stations do not have complete data for the 30-year period 1971-2000: four stations (Cree Lake, Pilot Mound, Vermilion and Wagner) were discontinued prior to 2000; four stations (Lloydminster, Key Lake, Nipawin and Slave Lake) were started after 1971; and one station (Dafoe) was discontinued prior to 1971. However, all nine

stations are located in data-sparse regions and were included in the analysis to help define the spatial distribution of gross evaporation. Eight of these nine 'incomplete' stations were used directly to determine long-term mean annual gross evaporation at five locations. Gross evaporation for the remaining station (Dafoe) is provided in Appendix B because it was part of a combined station (Wynyard) in the previous report^[5]. At two locations (Nipawin and Pilot Mound), the mean annual gross evaporation for the 30-year period was based on the ratio of corresponding long-term (1971-2000) to short-term means for the most appropriate nearby station. At the other three locations (Cree Lake, Lloydminster and Slave Lake), annual gross evaporation data from two stations in proximity were combined: Cree Lake (1971-95) and Key Lake (1996-2000); Vermilion (1971-81) and Lloydminster (1982-2000); and Wagner (1971) and Slave Lake (1972-2000).

The locations of the 51 'long-term' meteorological stations along with their mean annual gross evaporation values for the 30-year period 1971-2000 are shown in Figure 1. The stations are generally located at the communities for which they are named. The Fort McMurray, Portage La Prairie and Red Deer stations are located a short distance from their respective communities.

2.3 Basic Data

The calculation of gross evaporation using the Meyer formula requires the following basic data: monthly mean air temperature, monthly mean vapour pressure (determined from dew point temperature or relative humidity data), monthly mean wind speed, height of anemometer above the ground level, and the geodetic elevation of the ground surface at the station. Since monthly mean air temperature, dew point temperature, relative humidity and wind speed data are voluminous and available from MSC archives, they are not reproduced in this report. However, Appendix A documents the source of the basic data for all 55 meteorological stations, including the base stations that were used to estimate (generally by correlation) missing monthly data. Table A-1 summarizes the period of record for which data is available at a particular station and the meteorological station(s) that was used. Table A-2 summarizes, for each location, the period for which gross evaporation was calculated and the months in which missing air temperature, vapour pressure and wind speed data were estimated. Table A-3 indicates the base stations that were used to estimate missing monthly air temperature data. Table A-4 indicates which data type (dew point temperature or relative humidity) was used to determine monthly vapour pressure, and the base station(s) that was used to estimate missing data. Table A-5 lists the historic anemometer heights at all stations and indicates the base stations that

were used to estimate missing wind speed data. Table A-6 provides the ground surface elevations at all stations.

The gross evaporation data base was initially developed in the mid 1960s by manually extracting the basic component values from monthly publications. Thus, human extraction/manipulation errors, subsequent corrections to the published data, and conversions from English units to Metric units in the 1980s have resulted in basic component values that differ somewhat from the values contained in the Canadian Daily Climate Data (CDCD) CD. Starting in 1991, the basic data used in the calculations was provided electronically by R. Hopkinson (Meteorologist with Environment Canada in Regina) and was based on 24 hourly readings. However, the dew point data on the CDCD CD is based on only 4 readings per day and air temperature data is based on daily minimum and maximum values. Thus, the difference between the air temperature and dew point data that was provided and the data contained on the CDCD CD for 1991 and subsequent years may differ by as much as ± 1 °C, although the difference is generally in the range of ± 0.3 °C.

Of all the components, wind data inaccuracies had the most effect on gross evaporation. In some cases, the anemometers were situated in locations that did not provide a realistic indication of wind speed because they were too close to artificial (e.g. buildings) or natural (e.g. trees) obstructions. In some cases, the anemometer had been mounted on the top of a building. Furthermore, anemometer histories (i.e. the height of the anemometer with respect to time) were very vague particularly in the early 1900s and this uncertainty extended up to the 1960s at some locations. Anemometer histories were not well documented by MSC. Generally, anemometer histories at many stations (particularly long-term stations) were not complete. Whatever information existed had to be manually extracted from the "comments" section of the monthly MSC reports.

Sensitivity analyses conducted for the 1988 PFRA report^[1] were based on the premise that the appropriate coefficient, C, in Equation 1 for moderate-sized water bodies should be 11 when vapour pressure is based on two observations of relative humidity per day (RH2). The sensitivity analyses indicated that a coefficient of 10.1 should be used when vapour pressure is based on four observations of dew point temperature per day (DP4). However, a review of the basic data revealed that, in many months, observations were made at other than a frequency of two or four per day (i.e. the published data are not necessarily RH2 or DP4). Thus, further sensitivity analyses were made to ascertain appropriate coefficients for other data types. Only one observation per day of either relative humidity (RH1) or dew point temperature (DP1) was not considered indicative of

actual conditions and thus was not used. In such cases, RH2 or DP4 values were estimated by correlation with other stations. The sensitivity analyses were based on calculations of monthly gross evaporation at Regina for the 30-year period 1951-80 using monthly relative humidity and dew point temperature data for two, three and four observations per day. The appropriate coefficient, C, for each data type was determined by multiplying by 11 (the coefficient for RH2) the ratio of the 30-year mean annual gross evaporation for RH2 to the 30-year mean annual gross evaporation for the specified data type. The results of this analysis are presented in Table 1.

Starting in 1991, published values of the 6-hour (synoptic) dew point values were no longer available. Thus, monthly mean air temperature and dew point data were based on 24 hourly values per day rather than the daily mean of minimum and maximum air temperature and 6-hour values of dew point. Consequently, a study was undertaken in 1995^[6] to determine the appropriate coefficient for use in the Meyer formula. A coefficient of 10.1 (as shown in Table 1) was determined to be appropriate when monthly mean air temperature and dew point data was based on 24 hourly values per day.

Monthly gross evaporation calculations were made using the vapour pressure data types shown in Table A-4 of Appendix A with the associated coefficients in Table 1. Dew point temperature data as published (DP24, DP4, DP3 or DP2) were used when available in preference to published relative humidity data. Because of the sensitivity of gross evaporation calculations to the relative humidity data type, RH2 values were determined and substituted for published RH4 and RH3 data.

Table 1
Coefficients for Various Vapour Pressure Data Types

Vapour Pressure Data Type	Coefficient, C
RH2	11.0
RH3*	10.4
RH4*	10.8
DP2	10.1
DP3	10.2
DP4	10.1
DP24**	10.1

* Not required for calculation of gross evaporation at locations considered in this report.
** Based on 24 hourly values per day of air temperature and dew point.

2.4 Data Adjustments

In the process of updating the gross evaporation data base and developing mean annual gross evaporation values for the new 30-year standard period 1971-2000, a quality control check was conducted. As a result, a number of changes were made to various parameters of several stations to correct inappropriate values. Most of these changes had little effect on the ultimate gross evaporation values. The most significant correction involved revisions to anemometer heights (particularly at Medicine Hat, Whitecourt, Cree Lake, Saskatoon and Winnipeg).

The biggest adjustment to the data base that was made during this update process involved ascertaining the period when all the basic data components were essentially available at each station and calculating gross evaporation only for this period of "complete" data. In previous reports, a substantial amount of estimated data was used to fill missing data periods for various stations, particularly at the start of the period of record. Thus, the annual pattern of gross evaporation at such stations often resembled the station that was used to estimate the missing parameters. By minimizing the use of estimated data (particularly at the beginning of a station's data record), the validity of the gross evaporation data base was improved. In some cases, gross evaporation had not been determined for the entire period of record for which data was completely available. As a result of this reassessment, the data period was extended for seven stations (Edson, Grande Prairie, Red Deer, Kindersley, Churchill, Flin Flon and Pilot Mound) by adding years to the start of the period and was shortened for 21 stations (Cold Lake, Coronation, Fort McMurray, Jasper, Lethbridge, Peace River, Slave Lake, Vermilion, Whitecourt, Broadview, Estevan, La Ronge, Meadow Lake, Moose Jaw, Nipawin, Saskatoon, Wynyard, Yorkton, Brandon, Gimli and Portage La Prairie) by removing years from the start of the period that had one or more missing parameters.

2.5 Station Location Designation - North or South

The revised Meyer formula that was developed by PFRA in the late 1980s^[1] was based on relationships (particularly monthly air/water temperature relationships) derived from field data collected at monitoring sites located in the southern (i.e. agricultural) region of the Prairie provinces. These relationships were subsequently used^[5] to determine gross evaporation at all locations in and adjacent to the Canadian Prairies including in the northern (i.e. boreal) region of the Prairie provinces.

Examination of the monthly gross evaporation values for northern/boreal stations as provided in the 1994 PFRA report^[5] indicated an unrealistic distribution of gross

evaporation over the year. Generally, the "open water" season for northern stations as reflected in the gross evaporation values was too long. The gross evaporation values indicated that evaporation occurred too early in spring when obviously there was still a snow and ice cover and too late in fall when the ice cover would have already formed. Obviously, a different set of air/water temperature relationships was required for "northern" stations.

The first step involved identifying which stations should be designated as "northern" stations. The distinction between "northern" and "southern" stations was made using primarily April and October values of monthly mean air temperature data. This process, in essence, separated the stations in the agricultural (southern) region from the boreal (northern) region. The depiction of these two station classes is shown in Table 2.

Table 2

Designation of Southern and Northern Stations

LOCATION	DESIGNATION	LOCATION	DESIGNATION
<u>BRITISH COLUMBIA</u>			
Fort Nelson	North	Cree Lake	North
Fort St. John	South	Dafoe	South
		Key Lake	North
		Estevan	South
		Kindersley	South
		La Ronge	North
		Meadow Lake	South
		Moose Jaw	South
		Nipawin	South
		North Battleford	South
		Prince Albert	South
		Regina	South
		Saskatoon	South
		Swift Current	South
		Wynyard	South
		Yorkton	South
<u>ALBERTA</u>			
Calgary	South		
Cold Lake	South		
Coronation	South		
Edmonton International	South		
Edmonton Municipal	South		
Edson	South		
Fort McMurray	North		
Grande Prairie	South		
High Level	North		
Jasper	South		
Lethbridge	South		
Lloydminster	South		
Medicine Hat	South		
Peace River	South		
Pincher Creek	South		
Red Deer	South		
Rocky Mountain House	South		
Slave Lake	South		
Vermilion	South		
Wagner	South		
Whitecourt	South		
		<u>MANITOBA</u>	
		Brandon	South
		Churchill	North
		Dauphin	South
		Flin Flon	North
		Gillam	North
		Gimli	South
		Island Lake	North
		Lynn Lake	North
		Norway House	North
		Pilot Mound	South
		Portage La Prairie	South
		The Pas	North
		Thompson	North
		Winnipeg	South
<u>SASKATCHEWAN</u>			
Broadview	South		
Buffalo Narrows	North		

A search for appropriate field data from which to derive monthly air/water temperature relationships for northern stations proved fruitless. Environment Canada was able to provide some corresponding air and water temperature data for Wollaston Lake and Lake Athabasca, but the size of these lakes are much larger than the size of water bodies for which the previously-derived monthly air/water temperature relationships are applicable. The annual temporal water temperature profile for large lakes is quite different because of heat storage effects.

Ultimately, the monthly air/water temperature relationships that had previously been used were subjectively modified by adjusting the shape of the monthly air/water temperature intercept values using open water period information as indicated in the Hydrological Atlas of Canada and indications that the annual gross evaporation should be about the same order of magnitude as the annual precipitation. Adjustments were made to the monthly air/water temperature relationships until the magnitude and the monthly distribution of gross evaporation attained a reasonable spatial and temporal pattern for all of the northern/boreal stations.

2.6 Results

Mean annual gross evaporation values for the 30-year period 1971-2000 are summarized in Table 3 for 51 locations that had a 'long-term' period of record. These point values were plotted on a map of the Prairie provinces and isopleths were drawn as shown in Figure 1. Arrays of monthly gross evaporation for all locations are provided in Appendix B.

The isopleths in Figure 1 were drawn with due consideration to topography, extent of forest cover and other factors which are expected to affect evaporation. In the Cypress Hills area, an isopleth was subjectively drawn and dashed to indicate that this area experiences relatively lower gross evaporation, even though there is no data (based on the 51 locations) to support such a presumption. The 500 mm isopleth in northeastern British Columbia and across the northern region of the Prairie provinces was dashed to emphasize that the values of gross evaporation in the north are highly subjective.

Figure 1 illustrates substantial variability in gross evaporation in the Prairie provinces. In general, gross evaporation is highest in southeastern Alberta and southwestern Saskatchewan, and decreases in northerly and easterly directions.

With the exception of the two Edmonton locations, the 30-year mean annual gross evaporation values indicate realistic spatial variability across the Prairie provinces.

Although the Edmonton Municipal and Edmonton International stations are relatively close together, the 30-year mean annual gross evaporation at these two locations differs by 94 mm. This significant difference is attributed primarily to the effects of urbanization which surrounds the Edmonton Municipal station. Consequently, the gross evaporation value for the Edmonton Municipal station was not considered in drawing the isopleths because it is only indicative of a very small urban area. However, the monthly gross evaporation values for this station are presented in this report because the values for the early part of the century are less affected by urbanization and thus indicative of gross evaporation in the region.

Table 3

Mean Annual Gross Evaporation for the Standard 30-Year Period 1971-2000
at Selected Locations in the Canadian Prairies

LOCATION	1971-2000 MEAN ANNUAL GROSS EVAPORATION (mm)	LOCATION	1971-2000 MEAN ANNUAL GROSS EVAPORATION (mm)
BRITISH COLUMBIA		Cree Lake*	453
Fort Nelson	419	Estevan	946
Fort St. John	805	Kindersley	947
		La Ronge	465
		Meadow Lake	699
		Moose Jaw	983
		Nipawin*	763
		North Battleford	852
		Prince Albert	769
		Regina	989
		Saskatoon	913
		Swift Current	1026
		Wynyard	828
		Yorkton	810
ALBERTA		MANITOBA	
Calgary	898	Brandon	791
Cold Lake	733	Churchill	440
Coronation	863	Dauphin	803
Edmonton International	734	Flin Flon	466
Edmonton Municipal	828	Gillam	475
Edson	628	Gimli	660
Fort McMurray	458	Island Lake	433
Grande Prairie	786	Lynn Lake	480
High Level	415	Norway House	444
Jasper	657	Pilot Mound*	767
Lethbridge	1071	Portage La Prairie	790
Lloydminster*	787	The Pas	487
Medicine Hat	1014	Thompson	432
Peace River	778	Winnipeg	834
Pincher Creek	1083		
Red Deer	765		
Rocky Mountain House	618		
Slave Lake*	712		
Whitecourt	619		
SASKATCHEWAN			
Broadview	817		
Buffalo Narrows	452		

* Locations having incomplete data for the standard 30-year period 1971-2000. Mean annual gross evaporation for the 30-year period were determined for these locations as follows:

Cree Lake

Estimates for Cree Lake (1971-1995) and Key Lake (1996-2000) were combined

Lloydminster

Estimates for Vermilion (1971-1981) and Lloydminster (1982-2000) were combined

Nipawin

The short-term mean (1974-2000) for Nipawin was multiplied by the ratio of the long-term (1971-2000) to corresponding short-term (1974-2000) means for Prince Albert

Pilot Mound

The short-term mean (1971-1986) for Pilot Mound was multiplied by the ratio of the long-term (1971-2000) to corresponding short-term (1971-1986) means for Portage La Prairie

Slave Lake

Estimates for Wagner (1971) and Slave Lake (1972-2000) were combined

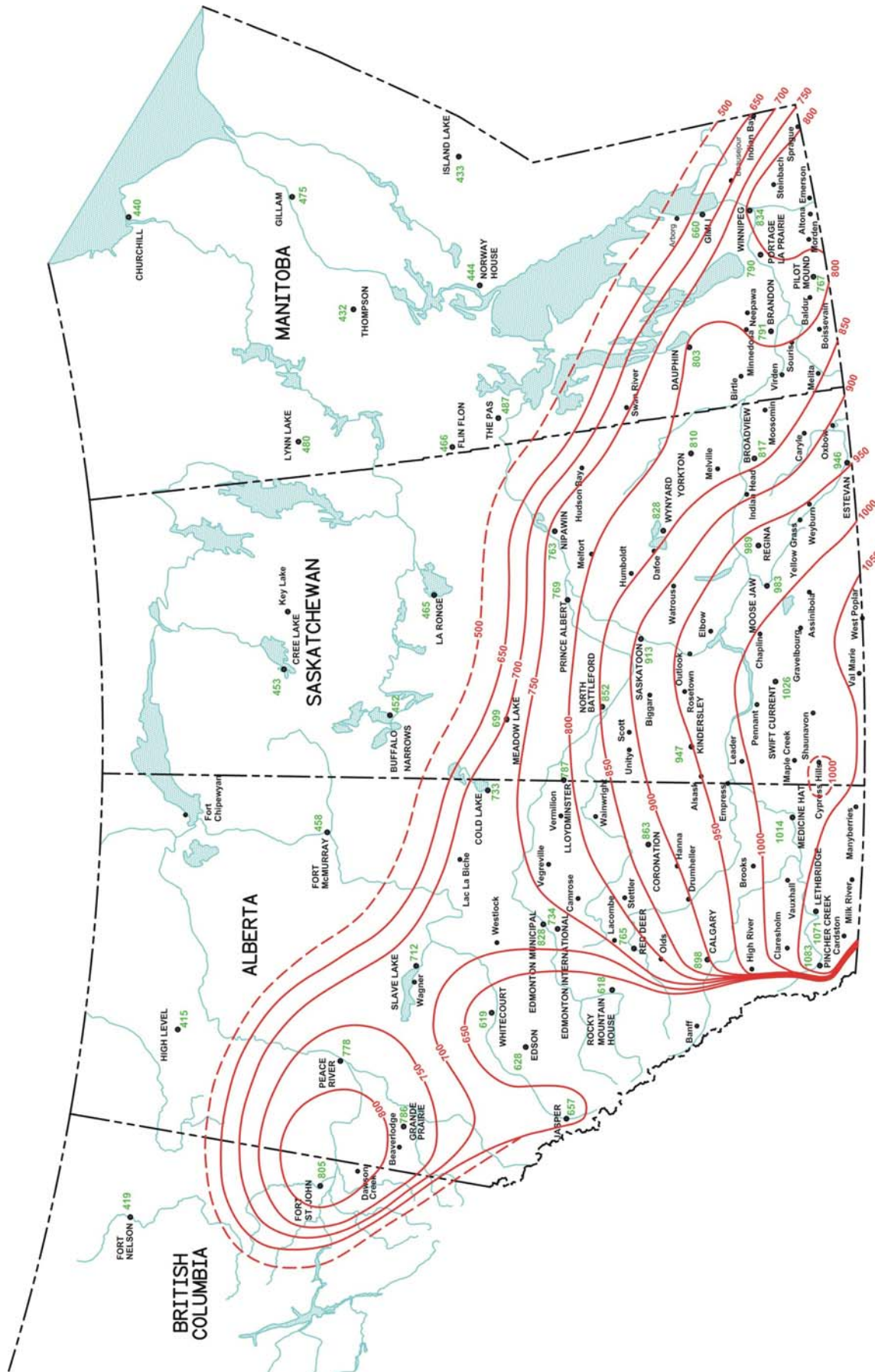


FIGURE 1. MEAN ANNUAL GROSS EVAPORATION (mm) IN THE CANADIAN PRAIRIES FOR THE STANDARD 30-YEAR PERIOD 1971-2000

3. APPLICATIONS

Assessments of existing or proposed water resource projects are generally based on historic conditions (i.e. hydrometeorological data for an appropriate period which includes both wet and dry sequences), and thus require gross evaporation estimates to facilitate water balance calculations. Since appropriate historical gross evaporation data are not directly available at the project site, gross evaporation must be estimated using an appropriate data base and procedure. The information presented in this report in the form of monthly gross evaporation arrays (refer to Appendix B) and 30-year mean annual gross evaporation isopleths (refer to Figure 1) provide the required data base and spatial relationships for estimating gross evaporation at specific project sites.

The procedure for estimating monthly gross evaporation at a study site is quite simple. First, considering the geographical location of the study site, an appropriate base location (i.e. one of the 55 locations presented in this report) is selected. Usually the base location closest to the study site is selected; however, other factors such as climate, vegetation and topography should also be considered in the selection process. Then, using Figure 1, the ratio of the 30-year mean value at the study site to the 30-year mean value at the base location is calculated. Estimates of monthly gross evaporation at the study site are subsequently obtained by multiplying the monthly gross evaporation values of the base location by the calculated ratio. If the required study period is longer than the gross evaporation array for the selected base location, the next most appropriate base location is used in a similar manner to extend the gross evaporation data base at the study site.

As discussed in previous PFRA reports^[1,5], gross evaporation estimates based on the data contained in this report are applicable only for small to moderate-sized water bodies in the Prairies. For very small or large water bodies, the gross evaporation estimates should be adjusted by an appropriate factor to account for edge effects or heat storage effects caused by the size and character of the water body. The determination of such adjustment factors is quite subjective at this time because of a lack of data. However, for practical purposes, the gross evaporation values presented in this report may be increased by up to 20% for dugouts or very shallow bodies of water and decreased by up to 10% for large deep lakes or reservoirs (e.g. Lake Diefenbaker).

4. CONCLUSIONS

Four pertinent conclusions can be drawn from the results of the analysis presented in this report. These conclusions are briefly discussed as follows.

1. The standard 30-year period 1971-2000 provides a somewhat different indication of gross evaporation than does the 30-year period 1961-90 which has been used since 1994. Using the revised methodology (i.e. northern versus southern stations) described herein, the 30-year means for the period 1971-2000 are lower than the means for the period 1961-90 at 33 of the 35 locations (only Fort McMurray and Peace River are higher) common to this study and the 1994 PFRA report^[5]. The 1971-2000 means are on average 2.7% lower than the 1961-90 means, ranging from 6.5% lower at Yorkton to 1.3% higher at Fort McMurray.
2. The overall quality of the basic climatic data for the period 1971-2000 is comparable to the period 1961-90. Although there are a number of missing data at several stations in the two or three years following the installation of automatic recording equipment in 1991, this inadequacy is comparable to the data uncertainties of the early 1960s.
3. The inclusion of data for an additional 10 stations (primarily in the northern/boreal region of the Prairie provinces) provides a better basis for determining the spatial distribution of mean annual gross evaporation, particularly in the northern/boreal region of the Prairie provinces and northeastern British Columbia.
4. The gross evaporation estimates for the northern/boreal region should be used with caution. The air/water temperature relationships for this region were derived subjectively on the basis of minimal data (two unrepresentative large northern lakes), general indications of open water periods, and an indication that annual gross evaporation is about the same order of magnitude as annual precipitation.

5. RECOMMENDATIONS

Five general recommendations can be made regarding the use of the gross evaporation data base provided in this report. These recommendations are briefly discussed as follows.

1. Estimates of monthly gross evaporation for small to moderate-sized water bodies in the Prairies should be based on the monthly gross evaporation values and the 30-year mean annual gross evaporation isopleths presented in this report. Further adjustments may be considered for very small or large water bodies. Gross evaporation may be increased by up to 20% for dugouts or very shallow bodies of water and decreased by up to 10% for large deep lakes or reservoirs.
2. Monthly gross evaporation at a study site should be estimated by multiplying the monthly gross evaporation at an appropriate base location (Appendix B) by the ratio of the 30-year mean annual gross evaporation values at the site and at the base location as determined from Figure 1.
3. Generally, the base location nearest the study site should be used for transposing gross evaporation values, but other factors such as climate, vegetation, and topography should be considered in the selection process. Estimates of gross evaporation for a study site can be based on calculated values for a meteorological station located a considerable distance from the study site because the spatial variation of gross evaporation throughout the Prairies is fairly consistent.
4. Mean annual gross evaporation for the next standard 30-year period 1981 to 2010 should be calculated and used as soon as the basic data is available because it will be more indicative of climatic conditions at that point in time.
5. Consideration should be given to obtaining air and water temperature data for a number of appropriate water bodies in the northern/boreal area of the Prairie provinces to confirm or revise the air/water temperature relationships that were subjectively developed for this region as part of this analysis.

REFERENCES

- [1] Determination of Gross Evaporation for Small to Moderate-Sized Water Bodies in the Canadian Prairies Using the Meyer Formula, Hydrology Report #113, Hydrology Division, Prairie Farm Rehabilitation Administration, Agriculture Canada, January, 1988.
- [2] Gross Evaporation for the 30-Year Period 1951-80 in the Canadian Prairies, Hydrology Report #121, Hydrology Division, Prairie Farm Rehabilitation Administration, Agriculture Canada, November, 1989.
- [3] Design Wind Study - Phase I, report prepared by Regina office of Scientific Services Division, Atmospheric Environment Service, Environment Canada for the Prairie Provinces Water Board, PPWB Report No. 90, December, 1986.
- [4] Climatological Station Data Catalogue - Prairie Provinces, Atmospheric Environment Service, Environment Canada, 1981.
- [5] Gross Evaporation for the 30-Year Period 1961-90 in the Canadian Prairies, Hydrology Report #133, Hydrology Division, Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food Canada, March, 1994.
- [6] Determination of Coefficients for Use in the Meyer Formula, Hydrology Report #139, Hydrology Division, Prairie Farm Rehabilitation Administration, Agriculture and Agri-Food Canada, March, 1995.

APPENDIX A

**BASIC DATA
FOR ALL SELECTED LOCATIONS**

LIST OF TABLES

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Table A-1

Selected Meteorological Stations

LOCATION	PERIOD	STATION(S) USED	LOCATION	PERIOD	STATION(S) USED
<u>BRITISH COLUMBIA</u>			Dafoe	01/1955 - 12/1964	4012040
Fort Nelson	01/1943 - 12/2000	1192940	Estevan	01/1946 - 12/2000	4012400
Fort St. John	01/1943 - 12/2000	1183000	Key Lake	01/1996 - 12/2000	4063759
<u>ALBERTA</u>			Kindersley	01/1959 - 08/1984 09/1984 - 12/2000	4043920 4043900
Calgary	01/1911 - 12/2000	3031093	La Ronge	01/1967 - 12/2000	4064150
Cold Lake	01/1955 - 12/2000	3081680	Meadow Lake	01/1968 - 07/1977 08/1977 - 12/2000	4065055 4065058
Coronation	01/1953 - 02/1994 03/1994 - 12/2000	3011880 3011885	Moose Jaw	01/1953 - 12/2000	4015320
Edmonton International	01/1961 - 12/2000	3012205	Nipawin	01/1974 - 12/2000	4075518
Edmonton Municipal	01/1911 - 12/1937 01/1938 - 12/2000	3012195 3012208	North Battleford	01/1911 - 02/1942 03/1942 - 12/2000	4040420 4045600
Edson	01/1960 - 04/1970 05/1970 - 12/1995 01/1996 - 12/2000	3062241 3062244 3062242	Prince Albert	01/1911 - 11/1942 12/1942 - 12/2000	4056230 4056240
Fort McMurray	01/1953 - 12/2000	3062693	Regina	01/1911 - 12/2000	4016560
Grande Prairie	01/1942 - 12/2000	3072920	Saskatoon	01/1935 - 12/2000	4057120
High Level	01/1967 - 10/1970 11/1970 - 12/2000	3073145 3073146	Swift Current	01/1911 - 04/1938 05/1938 - 12/2000	4028035 4028040
Jasper	01/1962 - 07/1995 08/1995 - 12/2000	3053520 3053536	Wynyard	01/1965 - 04/1991 05/1991 - 12/2000	4019035 40190LN
Lethbridge	01/1938 - 12/2000	3033880	Yorkton	01/1953 - 12/2000	4019080
Lloydminster	01/1982 - 12/2000	3013961	<u>MANITOBA</u>		
Medicine Hat	01/1911 - 12/2000	3034480	Brandon	01/1939 - 06/1941 07/1941 - 12/2000	5010485 5010480
Peace River	01/1944 - 12/2000	3075040	Churchill	01/1949 - 12/2000	5060600
Pincher Creek	01/1961 - 05/1979 06/1979 - 12/1995 01/1996 - 12/2000	3035201 3035202 3035206	Dauphin	01/1950 - 12/2000	5040680
Red Deer	01/1940 - 12/2000	3025480	Flin Flon	01/1969 - 12/2000	5050960
Rocky Mountain House	01/1945 - 12/1977 01/1978 - 12/1992 01/1993 - 12/2000	3015520 3015522 3015523	Gillam	01/1954 - 12/1961 01/1971 - 12/2000	5061000 5061001
Slave Lake	01/1972 - 12/1995 01/1996 - 12/2000	3066001 3065999	Gimli	01/1947 - 12/1971 01/1972 - 10/1991 11/1991 - 12/2000	5031040 5031038 50310D0
Vermilion	01/1946 - 12/1981	3016800	Island Lake	01/1971 - 12/2000	5061376
Wagner	01/1953 - 12/1971	3066920	Lynn Lake	01/1970 - 12/2000	5061646
Whitecourt	01/1953 - 07/1978 08/1978 - 12/2000	3067370 3067372	Norway House	01/1971 - 02/1973 03/1973 - 12/2000	506B0M7 506B047
<u>SASKATCHEWAN</u>			Pilot Mound	01/1958 - 12/1986	5022125
Broadview	01/1939 - 01/1965 02/1965 - 12/2000	4010880 4010879	Portage La Prairie	01/1953 - 12/1992 01/1993 - 12/2000	5012320 5012324
Buffalo Narrows	01/1969 - 10/1979 11/1979 - 12/2000	4060981 4060982	The Pas	01/1911 - 06/1949 07/1949 - 12/2000	5052864 5052880
Cree Lake	01/1970 - 12/1995	4061861	Thompson	01/1967 - 03/1967 04/1967 - 12/2000	5062923 5062922
			Winnipeg	01/1911 - 12/2000	5023222

Table A-2
Data Availability

LOCATION	PERIOD FOR WHICH GROSS EVAPORATION WAS CALCULATED	DATA ESTIMATED FOR INDICATED MONTHS		
		AIR TEMPERATURE	VAPOUR PRESSURE	WIND SPEED
<u>BRITISH COLUMBIA</u>				
Fort Nelson	1943-2000	none	none	none
Fort St. John	1943-2000	none	none	none
<u>ALBERTA</u>				
Calgary	1911-2000	none	some adjustments	07/1936 and 08/1939
Cold Lake	1955-2000	none	none	none
Coronation	1953-2000	none	12/1953	none
Edmonton International	1961-2000	none	none	none
Edmonton Municipal	1911-2000	none	none	01/1935 - 06/1937
Edson	1960-2000	none	01/1960	none
Fort McMurray	1953-2000	none	01/1953 and 01/1954	none
Grande Prairie	1942-2000	none	none	01/1942 - 03/1942 and 12/1942
High Level	1967-2000	none	none	none
Jasper	1962-2000	none	09/1969 and 11/1969	01/1962 - 02/1962, 08/1967-09/1967, 06/1968, 05/1970, 01/1974 - 08/1974, 10/1974, 12/1974, 04/1976 - 05/1976, 09/1976, 02/1980 - 03/1980, 06/1980 - 10/1980, 12/1980 - 01/1981 and 05/1987
Lethbridge	1938-2000	none	none	none
Lloydminster	1982-2000	01/1982 - 03/1982	01/1982 - 03/1982	01/1982 - 03/1982
Medicine Hat	1911-2000	01/1911 and 12/1981	some adjustments	01/1911 - 02/1911 and 01/1952
Peace River	1944-2000	08/1945 - 01/1949, 06/1950, 10/1950, 09/1951 - 02/1952, 04/1952, 01/1953 - 12/1953, 10/1954 - 11/1954, 01/1955 - 02/1955, 07/1955, 09/1955 and 02/1956 - 08/1958	winter months of all years between 1944-58 except 1955	02/1944 - 03/1944 and 09/1947 - 11/1947
Pincher Creek	1961-2000	none	none	07/1989 and 07/1990
Red Deer	1940-2000	none	11/1940 - 12/1940, 01/1943, 03/1945, 01/1947, 03/1947, 01/1948 - 02/1948, 12/1948 - 01/1949, 12/1949 - 01/1950 and 10/1966 - 10/1967	none
Rocky Mountain House	1945-2000	01/1945	01/1945 - 02/1945, 10/1945, 02/1946, 05/1946 - 06/1946, 01/1950 and 01/1953	none
Slave Lake	1972-2000	none	none	none
Vermilion	1946-1981	none	12/1948, 01/1953 and 11/1953	none
Wagner	1953-1971	11/1971 - 12/1971	01/1954 and 11/1971 - 12/1971	11/1971 - 12/1971
Whitecourt	1953-2000	none	01/1953 and 01/1954	none
<u>SASKATCHEWAN</u>				
Broadview	1939-2000	01/1941 and 11/1941	none	04/1949 - 05/1949 and 08/1949 - 10/1949

Table A-2 (Cont'd)

LOCATION	PERIOD FOR WHICH GROSS EVAPORATION WAS CALCULATED	DATA ESTIMATED FOR INDICATED MONTHS		
		AIR TEMPERATURE	VAPOUR PRESSURE	WIND SPEED
Buffalo Narrows	1969-2000	06/1972, 03/1973, 05/1973 - 06/1973, 10/1973 - 12/1973 and 04/1983 - 09/1983	06/1972, 03/1973, 05/1973 - 06/1973, 10/1973 - 12/1973 and 04/1983 - 12/1983	12/1970 - 06/1971, 11/1971 - 01/1972, 06/1972, 03/1973 - 05/1973, 01/1974, 08/1976, 12/1978 and 10/1979 - 09/1983
Cree Lake	1970-1995	none	12/1970, 09/1975 and 10/1982	02/1970 - 04/1970, 03/1975, 08/1976, 09/1977 - 10/1977, 12/1978, 08/1980, 01/1982 and 09/1984 - 05/1985
Dafoe	1955-1964	09/1964 - 12/1964	09/1964 - 12/1964	09/1964 - 12/1964
Estevan	1946-2000	01/1949	03/1948, 07/1948 - 09/1948, 01/1949 - 04/1949 and 03/1951	09/1946, 09/1947, 12/1947, 07/1948 - 10/1948 and 12/1948 - 04/1949
Key Lake	1996-2000	none	02/1998	none
Kindersley	1959-2000	12/1969 and 08/1984	01/1969 - 01/1971, 03/1971 - 09/1971, 09/1983 - 10/1983 and 12/1983 - 02/1984	09/1961, 06/1962, 12/1965 - 05/1966, 12/1971, 02/1974, 07/1980 - 09/1980, 08/1983 - 09/1983 and 08/1984 - 05/1985
La Ronge	1967-2000	none	10/1979	09/1968, 08/1976 and 10/1979 - 11/1979
Meadow Lake	1968-2000	none	02/1983, 06/1983 - 07/1983, 09/1983 - 10/1983 and 12/1983	07/1970, 10/1971, 01/1975 and 08/1977
Moose Jaw	1953-2000	07/1953	07/1953 and 12/1953	01/1953 - 04/1953
Nipawin	1974-2000	08/1982 and 06/1990	12/1980 and 06/1990	12/1975, 06/1977, 02/1978, 07/1980 - 09/1980 and 06/1990
North Battleford	1911-2000	01/1931, 02/1942 and 07/1943	none	11/1911 - 12/1911, 03/1922 - 05/1922, 11/1937, 02/1942 - 12/1943, 10/1945, 02/1951 and 07/1951
Prince Albert	1911-2000	none	none	10/1937 - 11/1937 and 12/1942 - 04/1945
Regina	1911-2000	none	01/1911 - 06/1938	03/1931 and 12/1935
Saskatoon	1935-2000	none	none	01/1935 - 05/1935, 05/1943 - 07/1945 and 07/1951
Swift Current	1911-2000	none	03/1983 - 08/1983; some adjustments	05/1921, 05/1923 and 01/1935 - 04/1938
Wynyard	1965-2000	08/2000	none	01/1990 and 08/1990 - 09/1990
Yorkton	1953-2000	08/1958	none	01/1953 - 04/1953 and 10/1953
MANITOBA				
Brandon	1939-2000	none	none	01/1939 - 02/1959
Churchill	1949-2000	none	01/1949 - 02/1949, 12/1949 - 03/1950, 05/1950, 10/1950 - 11/1950, 01/1951, 03/1951 - 04/1951, 12/1951 - 03/1952, 12/1952 - 05/1953, 12/1959, 01/1969 - 02/1969 and 07/1978	01/1949 - 02/1949 and 08/1971
Dauphin	1950-2000	none	01/1950, 01/1953 - 04/1953, 11/1953 - 01/1954 and 01/1955	01/1950 - 02/1950 and 02/1952 - 03/1952
Flin Flon	1969-2000	none	03/1983 - 04/1983, 07/1983 - 08/1983 and 11/1983 - 12/1983	10/1978 - 11/1978

Table A-2 (Cont'd)

LOCATION	PERIOD FOR WHICH GROSS EVAPORATION WAS CALCULATED	DATA ESTIMATED FOR INDICATED MONTHS		
		AIR TEMPERATURE	VAPOUR PRESSURE	WIND SPEED
Gillam	1954-1961 1971-2000	10/1954 and 12/1956 none	none none	01/1956 & 03/1960 - 06/1960 none
Gimli	1947-2000	11/1991 - 06/1992	11/1991 - 06/1992	11/1991 - 06/1992 and 12/1947
Island Lake	1971-2000	none	none	11/1973, 06/1978 - 08/1978 and 03/1986
Lynn Lake	1970-2000	none	none	10/1979 - 11/1979, 01/1984 and 11/1990
Norway House	1971-2000	03/1972	none	08/1974 and 11/1974
Pilot Mound	1958-1986	01/1962, 04/1962, 08/1974, 07/1982 - 09/1982 and 10/1986 - 12/1986	01/1962, 04/1962, 12/1974, 03/1978, 02/1981, 07/1982 - 09/1982 and 10/1986 - 12/1986	01/1970, 08/1970 - 09/1970, 01/1971, 11/1974, 08/1976, 04/1977, 05/1980, 07/1980 - 09/1980, 07/1982, 09/1982, 11/1983 - 12/1983 and 10/1986 - 12/1986
Portage La Prairie	1953-2000	07/1992 - 12/1992	07/1992 - 12/1992 and 01/1955	07/1992 - 12/1992
The Pas	1911-2000	03/1920 - 06/1920 and 08/1920 - 01/1921	none	03/1920 - 08/1921, 06/1938, 11/1942 - 01/1943 and 07/1949 - 11/1949
Thompson	1967-2000	none	01/1967 - 03/1967 and 10/1979	10/1979
Winnipeg	1911-2000	none	none	08/1920 and 04/1931

Table A-3

Air Temperature Data Base

LOCATION	PERIOD*	BASE STATION USED TO ESTIMATE MISSING DATA
<u>BRITISH COLUMBIA</u>		
Fort Nelson	01/1943 - 12/2000	
Fort St. John	01/1943 - 12/2000	
<u>ALBERTA</u>		
Calgary	01/1911 - 12/2000	
Cold Lake	01/1955 - 12/2000	
Coronation	01/1953 - 12/2000	
Edmonton International	01/1961 - 12/2000	
Edmonton Municipal	01/1911 - 12/2000	
Edson	01/1960 - 12/2000	
Fort McMurray	01/1953 - 12/2000	
Grande Prairie	01/1942 - 12/2000	
High Level	01/1967 - 12/2000	
Jasper	01/1962 - 12/2000	
Lethbridge	01/1938 - 12/2000	
Lloydminster	01/1982 - 12/2000	- Vermilion (01/1982 - 03/1982)
Medicine Hat	01/1911 - 12/2000	- Lethbridge (01/1911 and 12/1981)
Peace River	01/1944 - 12/1990	- Grande Prairie (08/1945 - 01/1949, 06/1950, 10/1950, 09/1951 - 02/1952, 04/1952, 01/1953 - 12/1953, 10/1954 - 11/1954, 01/1955 - 02/1955, 07/1955, 09/1955 and 02/1956 - 08/1958)
Pincher Creek	01/1961 - 12/2000	
Red Deer	01/1940 - 12/2000	
Rocky Mountain House	01/1945 - 12/2000	- Red Deer (01/1945)
Slave Lake	01/1972 - 12/2000	
Vermilion	01/1946 - 12/1981	
Wagner	01/1953 - 12/1971	- Slave Lake (11/1971 - 12/1971)
Whitecourt	01/1953 - 12/2000	
<u>SASKATCHEWAN</u>		
Broadview	01/1939 - 12/2000	- Qu'Appelle (01/1941 and 11/1941)
Buffalo Narrows	01/1969 - 12/2000	- La Ronge (06/1972, 03/1973, 05/1973 - 06/1973, 10/1973 - 12/1973 and 04/1983 - 09/1983)
Cree Lake	01/1970 - 12/1995	
Dafoe	01/1955 - 12/1964	- Yorkton (09/1964); Wynyard (10/1964 - 12/1964)
Estevan	01/1946 - 12/2000	- Regina (01/1949)
Key Lake	01/1996 - 12/2000	
Kindersley	01/1959 - 12/2000	- Coronation (12/1969 and 08/1984)
La Ronge	01/1967 - 12/2000	
Meadow Lake	01/1968 - 12/2000	
Moose Jaw	01/1953 - 12/2000	- Regina (07/1953)
Nipawin	01/1974 - 12/2000	- Prince Albert (08/1982 and 06/1990)
North Battleford	01/1911 - 02/1942 03/1942 - 12/2000	- Regina (01/1931 and 02/1942); Battleford data utilized (all other months) - Regina (07/1943)
Prince Albert	01/1911 - 12/2000	

Table A-3 (Cont'd)

LOCATION	PERIOD*	BASE STATION USED TO ESTIMATE MISSING DATA
Regina	01/1911 - 12/2000	
Saskatoon	01/1935 - 12/2000	
Swift Current	01/1911 - 12/2000	
Wynyard	01/1965 - 12/2000	- Yorkton (08/2000)
Yorkton	01/1953 - 12/2000	- Saskatoon (08/1958)
<u>MANITOBA</u>		
Brandon	01/1939 - 12/2000	
Churchill	01/1949 - 12/2000	
Dauphin	01/1950 - 12/2000	
Flin Flon	01/1969 - 12/2000	
Gillam	01/1954 - 12/1961 01/1971 - 12/2000	- Churchill (10/1954 and 12/1956)
Gimli	01/1947 - 12/2000	- Winnipeg (11/1991 - 06/1992)
Island Lake	01/1971 - 12/2000	
Lynn Lake	01/1970 - 12/2000	
Norway House	01/1971 - 12/2000	- Island Lake (03/1972)
Pilot Mound	01/1958 - 12/1986	- Brandon (01/1962, 04/1962, 08/1974, 07/1982 - 09/1982 and 10/1986 - 12/1986)
Portage La Prairie	01/1953 - 12/2000	- Winnipeg (07/1992 - 12/1992)
The Pas	01/1911 - 12/2000	- Prince Albert (03/1920 - 06/1920 and 08/1920 - 01/1921)
Thompson	01/1967 - 12/2000	
Winnipeg	01/1911 - 12/2000	

* Air temperature based on the mean of 24 hourly observations starting in 1991.

Table A-4

Vapour Pressure Data Base

LOCATION	PERIOD	DATA TYPE*	BASE STATION USED TO ESTIMATE MISSING DATA
<u>BRITISH COLUMBIA</u>			
Fort Nelson	01/1943 - 12/1990 01/1991 - 12/2000	DP4 with 5 DP3s and 2 DP2s DP24	
Fort St. John	01/1943 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 and 2 DP2s DP24	
<u>ALBERTA</u>			
Calgary	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 RH2 DP24	- Some data adjusted for consistency with adjacent stations
Cold Lake	01/1955 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 and 1 DP2 DP24	
Coronation	01/1953 - 12/1991 01/1992 - 12/2000	DP4 with 1 DP3 and 1 DP2 DP24	- Red Deer (12/1953)
Edmonton International	01/1961 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Edmonton Municipal	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3 and 2 RH2s DP24	
Edson	01/1960 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Whitecourt (01/1960)
Fort McMurray	01/1953 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Grande Prairie (01/1953 and 01/1954)
Grande Prairie	01/1942 - 12/1990 01/1991 - 12/2000	DP4 with 2 DP2s and 1 RH2 DP24	- Edmonton Municipal (01/1942 - 03/1942 and 12/1942)
High Level	01/1967 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Jasper	01/1962 - 11/1969 12/1969 - 12/1971 01/1972 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 and 2 DP2s DP2 DP4 DP24	- Edson (09/1969 and 11/1969)
Lethbridge	01/1938 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 2 RH2s DP24	
Lloydminster	01/1982 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Vermilion (01/1982 - 03/1982)
Medicine Hat	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 2 DP3s, 1 DP2 & 3 RH2s DP24	- Some data adjusted for consistency with adjacent stations
Peace River	01/1944 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Grande Prairie (missing winter months for all years between 1944-58 except 1955)
Pincher Creek	01/1961 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Red Deer	01/1940 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP2 DP24	- Edmonton Municipal (11/1940 - 12/1940) - Edmonton Municipal (01/1943 and 01/1950); Rocky Mountain House (03/1945, 01/1947, 03/1947, 01/1948 - 02/1948, 12/1-948 - 01/1949, 12/1949 - 01/1950 and 10/1966 - 10/1967)
Rocky Mountain House	01/1945 - 03/1988 04/1988 - 12/1990 01/1991 - 12/2000	DP4 DP2 with 3 DP3s DP24	- Red Deer (01/1945 - 02/1945, 10/1945, 02/1946, 05/1946 - 06/1946 and 01/1953); Edmonton Municipal (01/1950)
Slave Lake	01/1972 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Vermilion	01/1946 - 12/1981	DP4 with 1 DP2	- Edmonton Municipal (12/1948, 01/1953 and 11/1953)
Wagner	01/1953 - 12/1971	DP4 with 1 DP3 and 1 DP2	- Edmonton Municipal (01/1954); Slave Lake (11/1971 - 12/1971)
Whitecourt	01/1953 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP2 DP24	- Edmonton Municipal (01/1953 and 01/1954)
<u>SASKATCHEWAN</u>			
Broadview	01/1939 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 6 RH2s DP24	

Table A-4 (Cont'd)

LOCATION	PERIOD	DATA TYPE*	BASE STATION USED TO ESTIMATE MISSING DATA
Buffalo Narrows	01/1969 - 12/1979 01/1980 - 12/1990 01/1991 - 12/2000	DP4 with 8 DP3s and 4 DP2s DP3 with 19 DP4s DP24	- La Ronge (06/1972, 03/1973, 05/1973 - 06/1973, 10/1973 - 12/1973) - La Ronge (04/1983 - 12/1983)
Cree Lake	01/1970 - 12/1990 01/1991 - 12/1995	DP4 with 3 DP3s and 1 DP2 DP24	- Fort McMurray (12/1970, 09/1975 and 10/1982)
Dafoe	01/1955 - 12/1964	DP4	- Wynyard (09/1964 - 12/1964)
Estevan	01/1946 - 12/1990 01/1991 - 12/2000	DP4 with 4 DP3s and 5 DP2s DP24	- Regina (03/1948, 07/1948 - 09/1948, 01/1949 - 04/1949 and 03/1951)
Key Lake	01/1996 - 12/2000	DP24	- Interpolated (02/1998)
Kindersley	01/1959 - 12/1990 01/1991 - 12/2000	DP4 with 12 DP3s DP24	- Coronation (01/1969 - 01/1971, 03/1971 - 09/1971, 09/1983 - 10/1983 and 12/1983 - 02/1984)
La Ronge	01/1967 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Prince Albert (10/1979)
Meadow Lake	01/1968 - 12/1990 01/1991 - 12/2000	DP4 with 4 DP3s DP24	- La Ronge (02/1983, 06/1983 - 07/1983, 09/1983 - 10/1983 and 12/1983)
Moose Jaw	01/1953 - 12/1990 01/1991 - 12/2000	DP4 with 4 RH2s DP24	- Regina (07/1953 and 12/1953)
Nipawin	01/1974 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 DP24	- Prince Albert (12/1980 and 06/1990)
North Battleford	01/1911 - 04/1941 05/1941 - 02/1942 03/1942 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 3 RH2s DP4 with 2 DP3s, 1 DP2 & 10 RH2s DP24	- Battleford data utilized (all months) - Battleford data utilized (all months)
Prince Albert	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3, 17 DP2s, 21 RH2s DP24	
Regina	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3 and 6 RH2s DP24	- Qu'Appelle (01/1911 - 06/1938)
Saskatoon	01/1935 - 08/1941 09/1941 - 12/1990 01/1991 - 12/2000	RH2 with 3 DP2s DP4 with 1 DP3, 3 DP2s & 3 RH2s DP24	
Swift Current	01/1911 - 04/1941 05/1941 - 04/1980 05/1980 - 05/1986 06/1986 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3 and 5 RH2s DP3 with 4 RH2s DP4 DP24	- Some data adjusted for consistency with adjacent stations - Medicine Hat (03/1983 - 08/1983)
Wynyard	01/1965 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Yorkton	01/1953 - 12/1990 01/1991 - 12/2000	DP4 with 1 RH2 DP24	
MANITOBA			
Brandon	01/1939 - 06/1941 07/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3 and 7 RH2s DP24	
Churchill	01/1949 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 and 2 DP2s DP24	- Thompson (01/1969 - 02/1969); Gillam (01/1949 - 02/1949, 12/1949 - 03/1950, 05/1950, 10/1950, 01/1951, 03/1951 - 04/1951, 03/1952, 02/1953, 04/1953 - 05/1953, 12/1959 and 07/1978); Estimated Monthly (11/1950, 12/1951 - 02/1952, 12/1952 - 01/1953 and 03/1953)
Dauphin	01/1950 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP3 and 2 DP2s DP24	- Yorkton (01/1950, 01/1953 - 04/1953, 11/1953 - 01/1954 and 01/1955)
Flin Flon	01/1969 - 12/1970 01/1971 - 12/1990 01/1991 - 12/2000	DP2 with 4 DP3s DP3 with 37 DP2s DP24	- The Pas (03/1983 - 04/1983, 07/1983 - 08/1983 and 11/1983 - 12/1983)
Gillam	01/1954 - 12/1961 01/1971 - 12/1990 01/1991 - 12/2000	DP4 with 47 DP3s and 8 DP2s DP4 with 2 DP3s and 6 DP2s DP24	
Gimli	01/1947 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Winnipeg (11/1991 - 06/1992)
Island Lake	01/1971 - 08/1978 09/1978 - 04/1986 05/1986 - 12/1990 01/1991 - 12/2000	DP4 DP3 with 6 DP4s DP4 DP24	
Lynn Lake	01/1970 - 12/1990 01/1991 - 12/2000	DP4 with 1 DP2 DP24	

Table A-4 (Cont'd)

LOCATION	PERIOD	DATA TYPE*	BASE STATION USED TO ESTIMATE MISSING DATA
Norway House	01/1971 - 12/1990 01/1991 - 12/2000	DP4 DP24	
Pilot Mound	01/1958 - 12/1986	DP4 with 9 DP3s	- Brandon (01/1962, 04/1962, 12/1974, 03/1978, 02/1981, 07/1982 - 09/1982 and 10/1986 - 12/1986)
Portage La Prairie	01/1953 - 12/1990 01/1991 - 12/2000	DP4 DP24	- Winnipeg (01/1955) - Winnipeg (07/1992 - 12/1992)
The Pas	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 10 DP3s and 30 RH2s DP24	
Thompson	01/1967 - 12/1990 01/1991 - 12/2000	DP4 with 3 DP3s and 1 DP2 DP24	- Estimated Monthly (01/1967 - 03/1967); Gillam (10/1979)
Winnipeg	01/1911 - 04/1941 05/1941 - 12/1990 01/1991 - 12/2000	RH2 DP4 with 1 DP3 and 1 RH2 DP24	

* DP24 - Dew point temperature based on the mean of 24 hourly observations
DP4 - Dew point temperature based on the mean of observations at approximately 0000 hours, 0600 hours, 1200 hours and 1800 hours E.S.T.
DP3 - Dew point temperature based on three observations per day (i.e. similar to DP4 but missing either the first or last observation)
DP2 - Dew point temperature based on two observations per day (i.e. similar to DP4 but missing both the first and last observations)
RH2 - Relative humidity based on the mean of observations at approximately 0630 hours and 1830 hours E.S.T.

Table A-5

**Historic Anemometer Heights and the Base Stations
Used to Estimate Missing Wind Data**

LOCATION	PERIOD	ANEMOMETER HEIGHT ¹ (m)	BASE STATION USED TO ESTIMATE MISSING WIND DATA ²
<u>BRITISH COLUMBIA</u>			
Fort Nelson	01/1943 - 12/2000	10.0	
Fort St. John	01/1943 - 12/2000	10.0	
<u>ALBERTA</u>			
Calgary	01/1911 - 05/1911	2.4	- Medicine Hat (07/1936 and 08/1939)
	06/1911 - 03/1931	3.0	
	04/1931 - 03/1940	16.8	
	04/1940 - 02/1948	18.0	
	03/1948 - 03/1953	19.8	
	04/1953 - 01/1956	16.8	
	02/1956 - 04/1973	20.4	
	05/1973 - 11/1985	18.3	
	12/1985 - 12/2000	10.0	
Cold Lake	01/1955 - 08/1962	21.9	
	09/1962 - 05/1964	21.3	
	06/1964 - 12/2000	10.0	
Coronation	01/1953 - 08/1953	9.1	
	09/1953 - 08/1959	10.0	
	09/1959 - 05/1961	11.0	
	06/1961 - 05/1976	13.4	
	06/1976 - 12/2000	10.0	
Edmonton International	01/1961 - 12/2000	10.0	
Edmonton Municipal	01/1911 - 02/1911	1.2	- Battleford (01/1935 - 06/1937)
	03/1911 - 02/1918	4.6	
	03/1918 - 09/1937	7.6	
	10/1937 - 02/1948	18.0	
	03/1948 - 03/1953	19.8	
	04/1953 - 12/1954	16.8	
	01/1955 - 06/1969	18.3	
	07/1969 - 12/1969	17.4	
	01/1970 - 12/2000	10.0	
Edson	01/1960 - 03/1962	18.3	
	04/1962 - 03/1970	16.1	
	04/1970 - 12/2000	10.0	
Fort McMurray	01/1953 - 08/1963	19.2	
	09/1963 - 08/1976	10.0	
	09/1976 - 12/2000	13.1	
Grande Prairie	01/1942 - 11/1955	18.3	
	12/1955 - 11/1963	17.7	
	12/1963 - 12/2000	10.0	
High Level	01/1967 - 03/1968	7.6	
	04/1968 - 10/1970	11.3	
	11/1970 - 12/2000	10.0	
Jasper	01/1962 - 03/1976	18.4	- Edson (01/1962 - 02/1962, 08/1967 - 09/1967, 06/1968, 05/1970, 01/1974 - 08/1974, 10/1974 and 12/1974) - Edson (04/1976 - 05/1976, 09/1976, 02/1980 - 03/1980, 06/1980 - 10/1980, 12/1980 - 01/1981 and 05/1987)
	04/1976 - 07/1995	15.9	
	08/1995 - 12/2000	13.0	
Lethbridge	01/1938 - 07/1959	19.2	
	08/1959 - 10/1965	18.9	
	11/1965 - 12/2000	10.0	
Lloydminster	01/1982 - 12/2000	10.0	- Vermilion (01/1982 - 03/1982)
Medicine Hat	01/1911 - 01/1930	0.6	- Calgary (01/1911 - 02/1911) - Calgary (01/1952)
	02/1930 - 06/1938	6.1	
	07/1938 - 04/1943	12.2	
	05/1943 - 05/1945	13.4	
	06/1945 - 09/1965	17.4	
	10/1965 - 06/1970	16.7	
	07/1970 - 12/2000	10.0	
Peace River	01/1944 - 02/1963	11.0	- Grande Prairie data utilized (02/1944 - 03/1944 and 09/1947 - 11/1947)
	03/1963 - 12/2000	10.0	
Pincher Creek	01/1961 - 04/1965	7.9	- Lethbridge (07/1989 and 07/1990)
	05/1965 - 12/1969	10.7	
	01/1970 - 12/1971	8.5	
	01/1972 - 05/1979	8.8	
	06/1979 - 12/2000	10.0	
Red Deer	01/1940 - 06/1961	15.5	
	07/1961 - 03/1971	18.2	
	04/1971 - 03/1981	17.7	
	04/1981 - 12/2000	10.0	

Table A-5 (Cont'd)

LOCATION	PERIOD	ANEMOMETE R HEIGHT ¹ (m)	BASE STATION USED TO ESTIMATE MISSING WIND DATA ²
Rocky Mountain House	01/1945 - 10/1947	7.9	- Red Deer (10/1990)
	11/1947 - 05/1953	13.1	
	06/1953 - 01/1961	13.7	
	02/1961 - 03/1963	14.6	
	04/1963 - 11/1972	16.1	
	12/1972 - 10/1979	15.5	
	11/1979 - 12/2000	10.0	
Slave Lake	01/1972 - 12/2000	10.0	
Vermilion	01/1946 - 05/1952	9.1	
	06/1952 - 01/1955	10.0	
	02/1955 - 08/1965	11.6	
	09/1965 - 01/1970	8.8	
	02/1970 - 04/1974	9.8	
	05/1974 - 12/1981	10.0	
Wagner	01/1953 - 10/1963	13.1	- Slave Lake (11/1971 - 12/1971)
	11/1963 - 01/1967	13.7	
	02/1967 - 12/1971	12.2	
Whitecourt	01/1953 - 12/1953	7.8	
	01/1954 - 01/1956	18.3	
	02/1956 - 04/1958	23.4	
	05/1958 - 11/1966	23.7	
	12/1966 - 02/1970	22.8	
	03/1970 - 04/1973	10.3	
	05/1973 - 12/2000	10.0	
SASKATCHEWAN			
Broadview	01/1939 - 10/1940	9.1	- Regina (04/1949 - 05/1949 and 08/1949 - 10/1949)
	11/1940 - 06/1950	21.3	
	07/1950 - 08/1951	19.8	
	09/1951 - 08/1952	18.3	
	09/1952 - 10/1962	21.3	
	11/1962 - 01/1965	18.0	
	02/1965 - 12/2000	10.0	
Buffalo Narrows	01/1969 - 09/1970	10.0	- La Ronge (12/1970 - 06/1971, 11/1971 - 01/1972, 06/1972, 03/1973 - 05/1973, 01/1974, 12/1978 and 12/1979 - 09/1983); Fort McMurray (08/1976 and 10/1979 - 11/1979)
	10/1970 - 01/1983	13.1	
	02/1983 - 12/2000	10.0	
Cree Lake	01/1970 - 12/1995	13.1	- Fort McMurray (02/1970 - 04/1970, 03/1975, 08/1976, 09/1977 - 10/1977, 12/1978, 08/1980, 01/1982 and 09/1984 - 05/1985)
Dafoe	01/1955 - 07/1958	16.7	- Wynyard (09/1964 - 12/1964)
	08/1958 - 12/1964	9.7	
Estevan	01/1946 - 04/1949	19.8	- Regina (09/1946, 09/1947, 12/1947, 07/1948 - 10/1948 and 12/1948 - 04/1949)
	05/1949 - 09/1952	17.4	
	10/1952 - 12/2000	10.0	
Key Lake	01/1996 - 12/2000	10.0	
Kindersley	01/1959 - 06/1971	18.3	- Saskatoon (09/1961, 06/1962, 12/1965 - 05/1966) - Saskatoon (12/1971, 02/1974, 07/1980 - 09/1980, 08/1983 - 09/1983 and 08/1984 - 05/1985)
	07/1971 - 05/1985	13.1	
	06/1985 - 12/2000	10.0	
La Ronge	01/1967 - 07/1970	10.0	- The Pas (09/1968) - The Pas (08/1976 and 10/1979 - 11/1979)
	08/1970 - 12/2000	13.1	
Meadow Lake	01/1968 - 12/2000	10.0	- La Ronge (07/1970, 10/1971, 01/1975 and 08/1977)
Moose Jaw	01/1953 - 03/1956	14.3	- Regina (01/1953 - 04/1953)
	04/1956 - 12/1959	31.7	
	01/1960 - 02/1964	14.3	
	03/1964 - 12/2000	10.0	
Nipawin	01/1974 - 12/2000	10.0	- Prince Albert (12/1975, 06/1977, 02/1978, 07/1980 - 09/1980 and 06/1990)
North Battleford	01/1911 - 06/1921	7.6	- Regina (11/1911 - 12/1911); Battleford data utilized (all other months) - Regina (03/1922 - 05/1922); Battleford data utilized (all other months) - Regina (11/1937); Battleford data utilized (all other months) - Battleford data utilized (01/1941 - 01/1942); Regina (02/1942 - 12/1943) - Regina (10/1945) - Regina (02/1951 and 07/1951)
	07/1921 - 04/1924	1.2	
	05/1924 - 12/1940	7.6	
	01/1941 - 08/1945	15.2	
	09/1945 - 05/1949	15.9	
	06/1949 - 08/1958	16.5	
	09/1958 - 03/1969	10.0	
	04/1969 - 12/1973	11.0	
	01/1974 - 12/1974	14.0	
	01/1975 - 12/2000	10.0	
	Prince Albert	01/1911 - 09/1916	
10/1916 - 04/1945		4.6	
05/1945 - 05/1949		16.8	
06/1949 - 05/1968		19.5	
06/1968 - 12/2000		10.0	

Table A-5 (Cont'd)

LOCATION	PERIOD	ANEMOMETER HEIGHT ¹ (m)	BASE STATION USED TO ESTIMATE MISSING WIND DATA ²
Regina	01/1911 - 08/1911	1.2	- Winnipeg (03/1931 and 12/1935)
	09/1911 - 12/1930	4.9	
	01/1931 - 12/1938	2.4	
	01/1939 - 07/1941	16.8	
	08/1941 - 04/1943	20.4	
	05/1943 - 03/1956	21.3	
	04/1956 - 10/1962	20.4	
	11/1962 - 12/1966	26.8	
	01/1967 - 01/1968	9.1	
	02/1968 - 12/2000	10.0	
	Saskatoon	01/1935 - 04/1943	
05/1943 - 07/1945		7.6	
08/1945 - 02/1963		16.8	
03/1963 - 12/1966		19.8	
01/1967 - 12/2000		10.0	
Swift Current	01/1911 - 06/1912	7.6	- Regina (05/1921) - Regina (05/1923) - Regina (01/1935 - 11/1935 and 01/1936 - 04/1938); Medicine Hat (12/1935)
	07/1912 - 07/1913	1.2	
	08/1913 - 05/1922	7.6	
	06/1922 - 05/1928	1.2	
	06/1928 - 05/1932	7.6	
	06/1932 - 08/1933	1.7	
	09/1933 - 04/1938	7.6	
	05/1938 - 11/1952	18.3	
	12/1952 - 04/1966	17.1	
	05/1966 - 12/1971	13.1	
	01/1972 - 12/2000	10.0	
Wynyard	01/1965 - 12/2000	10.0	- Regina (01/1990 and 08/1990 - 09/1990)
Yorkton	01/1953 - 11/1962	16.8	- Regina (01/1953 - 04/1953 and 10/1953)
	12/1962 - 11/1966	12.2	
	12/1966 - 12/2000	10.0	
MANITOBA			
Brandon	01/1939 - 08/1949	- 3.7	- Rivers data utilized (all months) - Rivers data utilized (all months)
	09/1949 - 02/1959	16.9	
	03/1959 - 11/1969	16.7	
	12/1969 - 12/2000	10.0	
Churchill	01/1949 - 07/1964	21.0	- Average monthly (01/1949 - 02/1949) - Gillam (08/1971)
	08/1964 - 12/2000	10.0	
Dauphin	01/1950 - 03/1962	17.0	- The Pas (01/1950 - 02/1950 and 02/1952 - 03/1952)
	04/1962 - 03/1970	13.8	
	04/1970 - 12/2000	10.0	
Flin Flon	01/1969 - 12/2000	10.0	- Island Falls (10/1978 - 11/1978)
Gillam	01/1954 - 12/1961	11.4	- Churchill (01/1956 and 03/1960 - 06/1960)
	01/1971 - 12/2000	10.0	
Gimli	01/1947 - 12/1950	14.3	- Winnipeg (12/1947) - Winnipeg (11/1991 - 06/1992 and 09/1992)
	01/1951 - 01/1954	21.3	
	02/1954 - 02/1967	16.8	
	03/1967 - 11/1971	10.0	
	12/1971 - 11/1975	13.1	
	12/1975 - 07/1983	10.0	
	08/1983 - 12/2000	13.0	
Island Lake	01/1971 - 09/1972	10.0	- Norway House (11/1973 and 06/1978 - 08/1978) - Norway House (03/1986)
	10/1972 - 02/1986	16.2	
	03/1986 - 12/2000	10.0	
Lynn Lake	01/1970 - 12/2000	10.0	- Thompson (10/1979 - 11/1979, 01/1984 and 11/1990)
Norway House	01/1971 - 11/1974	16.1	- Island Lake (08/1974 and 11/1974)
	12/1974 - 12/2000	13.1	
Pilot Mound	01/1958 - 10/1975	10.0	- Portage La Prairie (01/1970, 09/1970 - 09/1970, 01/1971 and 11/1974) - Portage La Prairie (08/1976, 04/1977, 05/1980, 07/1980 - 09/1980, 07/1982, 09/1982, 11/1983 - 12/1983 and 10/1986 - 12/1986)
	11/1975 - 12/1986	13.1	
Portage La Prairie	01/1953 - 03/1953	15.2	- Winnipeg (07/1992 - 12/1992)
	04/1953 - 01/1954	18.6	
	02/1954 - 06/1957	16.5	
	07/1957 - 06/1962	15.2	
	07/1962 - 06/1966	10.0	
	07/1966 - 08/1974	9.1	
	09/1974 - 12/2000	10.0	
The Pas	01/1911 - 01/1916	4.6	- Prince Albert (03/1920 - 08/1921) - Prince Albert (06/1938) - Prince Albert (11/1942 and 07/1949 - 11/1949); Regina (12/1942 - 01/1943)
	02/1916 - 08/1921	7.6	
	09/1921 - 08/1929	4.6	
	09/1929 - 07/1938	1.2	
	08/1938 - 11/1949	7.6	
	12/1949 - 12/1958	18.9	
	01/1959 - 02/1964	18.8	
	03/1964 - 12/2000	10.0	
Thompson	01/1967 - 09/1972	10.0	- The Pas (10/1979)
	10/1972 - 09/1976	13.1	
	10/1976 - 12/2000	16.1	

Table A-5 (Cont'd)

LOCATION	PERIOD	ANEMOMETER HEIGHT ¹ (m)	BASE STATION USED TO ESTIMATE MISSING WIND DATA ²
Winnipeg	01/1911 - 09/1938 10/1938 - 10/1963 11/1963 - 12/2000	7.6 19.2 10.0	- Regina (08/1920 and 04/1931)

1. Anemometer heights were based on data contained in an AES report³³ prepared for the PPWB and from various personal communication with Ron Hopkinson. Anemometer heights presented in Imperial units were converted to metric, with three decimal places maintained for calculation purposes. However, all of the values in this table are shown to only one decimal place for consistency.
2. All wind data were adjusted to the 7.62-metre level before correlations were conducted and relationships for data estimation were determined. Consequently, the anemometer heights corresponding to estimated values were designated as 7.62 metres. Where anemometer heights are not indicated as 7.62 metres, the data were used directly.

Table A-6

Ground Surface Elevations

LOCATION	PERIOD	GROUND SURFACE ELEVATION* (m)	STATION	PERIOD	GROUND SURFACE ELEVATION* (m)
<u>BRITISH COLUMBIA</u>			Key Lake	01/1996 - 12/2000	510
Fort Nelson	01/1943 - 12/2000	382	Kindersley	01/1959 - 09/1971 10/1971 - 08/1984	687 683
Fort St. John	01/1943 - 12/2000	695		09/1984 - 12/2000	694
<u>ALBERTA</u>			La Ronge	01/1967 - 09/1976 10/1976 - 12/2000	369 375
Calgary	01/1911 - 08/1921 09/1921 - 03/1931 04/1931 - 12/2000	1056 1058 1084	Meadow Lake	01/1968 - 07/1977 08/1977 - 12/2000	481 480
Cold Lake	01/1955 - 12/2000	541	Moose Jaw	01/1953 - 12/2000	577
Coronation	01/1953 - 05/1976 06/1976 - 12/2000	798 791	Nipawin	01/1974 - 04/1985 05/1985 - 12/2000	374 372
Edmonton International	01/1961 - 10/1964 11/1964 - 12/1977 01/1978 - 12/2000	713 707 723	North Battleford	01/1911 - 02/1942 03/1942 - 12/2000	494 548
Edmonton Municipal	01/1911 - 09/1937 10/1937 - 12/2000	658 671	Prince Albert	01/1911 - 11/1942 12/1942 - 12/2000	436 428
Edson	01/1960 - 01/1960 02/1960 - 04/1970 05/1970 - 12/2000	923 924 927	Regina	01/1911 - 12/2000	577
Fort McMurray	01/1953 - 12/2000	369	Saskatoon	01/1935 - 03/1941 04/1941 - 03/1963 04/1963 - 12/1995 01/1996 - 12/2000	503 500 501 504
Grande Prairie	01/1942 - 12/2000	669	Swift Current	01/1911 - 04/1938 05/1938 - 12/2000	744 817
High Level	01/1967 - 09/1970 10/1970 - 12/2000	327 338	Wynyard	01/1965 - 12/2000	561
Jasper	01/1962 - 12/2000	1061	Yorkton	01/1953 - 12/2000	498
Lethbridge	01/1938 - 12/2000	929	<u>MANITOBA</u>		
Lloydminster	01/1982 - 12/2000	669	Brandon	01/1939 - 06/1941 07/1941 - 12/2000	366 409
Medicine Hat	01/1911 - 12/2000	717	Churchill	01/1949 - 09/1988 10/1988 - 12/2000	35 29
Peace River	01/1944 - 12/2000	571	Dauphin	01/1950 - 12/2000	305
Pincher Creek	01/1961 - 05/1979 06/1979 - 12/2000	1155 1190	Flin Flon	01/1969 - 12/2000	304
Red Deer	01/1940 - 12/2000	905	Gillam	01/1954 - 12/1961 01/1971 - 12/2000	138 145
Rocky Mountain House	01/1945 - 12/1977 01/1978 - 12/2000	1015 988	Gimli	01/1947 - 11/1971 12/1971 - 10/1991 11/1991 - 12/2000	221 223 232
Slave Lake	01/1972 - 12/1995 01/1996 - 12/2000	581 583	Island Lake	01/1971 - 03/1986 04/1986 - 12/2000	238 237
Vermilion	01/1946 - 12/1981	619	Lynn Lake	01/1970 - 12/2000	357
Wagner	01/1953 - 12/1971	584	Norway House	01/1971 - 02/1973 03/1973 - 12/2000	217 223
Whitecourt	01/1953 - 07/1978 08/1978 - 12/2000	741 782	Pilot Mound	01/1958 - 09/1986 10/1986 - 12/1986	475 470
<u>SASKATCHEWAN</u>			Portage La Prairie	01/1953 - 12/1992 01/1993 - 12/2000	270 273
Broadview	01/1939 - 01/1965 02/1965 - 09/1982 10/1982 - 12/2000	620 601 598	The Pas	01/1911 - 12/2000	271
Buffalo Narrows	01/1969 - 01/1983 02/1983 - 12/2000	423 440	Thompson	01/1967 - 03/1967 04/1967 - 12/2000	213 212
Cree Lake	01/1970 - 12/1995	495	Winnipeg	01/1911 - 07/1938 08/1938 - 12/2000	232 239
Dafoe	01/1955 - 12/1964	540			
Estevan	01/1946 - 12/2000	572			

* Information was obtained from the AES Climatological Station Data Catalogue^[4] and MSC Canadian Daily Climate Data CD.

APPENDIX B

**MONTHLY GROSS EVAPORATION
FOR ALL SELECTED LOCATIONS**

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Prince Albert	B-47
Regina	B-48
Saskatoon	B-49
Swift Current	B-50
Wynyard	B-51
Yorkton	B-52

MANITOBA

Brandon	B-55
Churchill	B-56
Dauphin	B-57
Flin Flon	B-58
Gillam	B-59
Gimli	B-60
Island Lake	B-61
Lynn Lake	B-62
Norway House	B-63
Pilot Mound	B-64
Portage La Prairie	B-65
The Pas	B-66
Thompson	B-67
Winnipeg	B-68

BRITISH COLUMBIA

GROSS EVAPORATION (mm) -- FORT NELSON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	.0	.0	.0	.0	24.1	69.1	105.3	87.5	63.2	10.8	.0	.0	360
1944	.0	.0	.0	11.6	30.8	77.3	110.2	63.7	55.6	17.2	.0	.0	366
1945	.0	.0	.0	.0	45.8	85.4	113.9	136.0	59.5	23.9	.0	.0	464
1946	.0	.0	.0	.0	31.8	98.3	115.9	101.8	59.2	21.1	.0	.0	428
1947	.0	.0	.0	.0	29.9	95.7	125.1	98.5	61.4	21.6	.0	.0	432
1948	.0	.0	.0	.0	22.3	102.8	113.0	105.4	64.7	26.3	.0	.0	435
1949	.0	.0	.0	14.1	19.9	104.4	105.0	91.0	51.2	16.4	.0	.0	402
1950	.0	.0	.0	.0	45.6	102.1	129.3	103.2	72.4	.0	.0	.0	453
1951	.0	.0	.0	.0	16.1	104.4	114.7	104.1	63.4	.0	.0	.0	403
1952	.0	.0	.0	.0	24.6	84.6	135.0	95.4	50.9	17.8	.0	.0	408
1953	.0	.0	.0	.0	20.4	88.5	102.7	117.2	58.1	19.9	.0	.0	407
1954	.0	.0	.0	.0	24.0	88.2	111.4	87.7	51.0	22.8	.0	.0	385
1955	.0	.0	.0	.0	30.0	105.2	107.5	105.2	59.7	26.3	.0	.0	434
1956	.0	.0	.0	.0	39.0	71.8	111.3	104.6	51.2	.0	.0	.0	378
1957	.0	.0	.0	.0	18.5	76.1	91.8	86.2	66.6	19.0	.0	.0	358
1958	.0	.0	.0	.0	41.6	85.7	121.8	99.5	56.1	21.7	.0	.0	426
1959	.0	.0	.0	.0	46.6	87.4	145.0	89.5	51.0	.0	.0	.0	420
1960	.0	.0	.0	17.3	27.5	90.3	131.4	106.4	74.8	15.6	.0	.0	463
1961	.0	.0	.0	.0	37.0	102.3	135.3	126.1	66.3	.0	.0	.0	467
1962	.0	.0	.0	.0	24.0	87.7	124.7	100.5	60.0	22.4	.0	.0	419
1963	.0	.0	.0	.0	35.8	64.3	129.9	112.0	52.5	25.5	.0	.0	420
1964	.0	.0	.0	.0	23.4	101.1	122.0	101.5	60.9	13.7	.0	.0	422
1965	.0	.0	.0	.0	38.9	116.6	139.7	116.9	57.2	21.1	.0	.0	490
1966	.0	.0	.0	.0	43.7	98.3	116.4	109.0	69.7	.0	.0	.0	437
1967	.0	.0	.0	.0	34.3	110.6	113.3	113.2	65.8	16.0	.0	.0	453
1968	.0	.0	.0	.0	32.9	88.1	107.2	94.2	54.8	19.0	.0	.0	396
1969	.0	.0	.0	.0	35.4	89.6	121.4	105.5	44.3	20.9	.0	.0	417
1970	.0	.0	.0	.0	34.7	103.6	138.8	114.4	56.2	19.6	.0	.0	467
1971	.0	.0	.0	.0	46.5	83.7	113.3	110.2	61.2	22.9	.0	.0	438
1972	.0	.0	.0	.0	32.5	95.2	118.2	103.2	57.3	23.9	.0	.0	430
1973	.0	.0	.0	19.2	24.1	85.6	121.2	105.5	54.3	16.8	.0	.0	427
1974	.0	.0	.0	.0	30.3	111.8	116.8	92.6	55.3	17.7	.0	.0	425
1975	.0	.0	.0	.0	33.1	85.9	96.7	86.5	58.7	17.6	.0	.0	378
1976	.0	.0	.0	23.6	38.9	69.3	94.8	69.5	57.5	18.4	.0	.0	372
1977	.0	.0	.0	25.4	20.3	79.4	85.0	84.0	51.3	24.6	.0	.0	370
1978	.0	.0	.0	.0	32.2	101.5	107.5	88.3	49.8	26.0	.0	.0	405
1979	.0	.0	.0	.0	39.2	87.3	105.9	93.9	47.9	19.7	.0	.0	394
1980	.0	.0	.0	31.9	35.5	95.2	125.6	110.6	51.9	18.8	.0	.0	470
1981	.0	.0	.0	.0	21.7	86.0	138.0	115.5	60.1	14.9	.0	.0	436
1982	.0	.0	.0	.0	23.8	98.1	120.2	80.2	54.0	13.3	.0	.0	390
1983	.0	.0	.0	.0	23.6	80.2	101.6	95.7	59.3	19.3	.0	.0	380
1984	.0	.0	.0	21.4	34.3	85.9	128.6	100.8	56.4	.0	.0	.0	427
1985	.0	.0	.0	.0	45.0	121.7	126.7	103.9	67.2	.0	.0	.0	464
1986	.0	.0	.0	.0	34.2	120.1	121.9	125.3	57.4	14.0	.0	.0	473
1987	.0	.0	.0	30.3	33.5	100.5	103.1	98.4	69.5	24.4	.0	.0	460
1988	.0	.0	.0	.0	24.9	93.4	119.9	106.7	62.6	.0	.0	.0	407
1989	.0	.0	.0	.0	35.4	103.8	109.6	87.3	57.5	18.2	.0	.0	412
1990	.0	.0	.0	.0	24.4	92.5	132.8	117.3	83.6	.0	.0	.0	451
1991	.0	.0	.0	23.8	37.6	111.3	130.4	105.7	68.1	.0	.0	.0	477
1992	.0	.0	.0	.0	47.0	102.7	126.7	131.1	52.3	.0	.0	.0	460
1993	.0	.0	.0	22.8	33.1	100.9	110.4	99.4	69.1	15.8	.0	.0	451
1994	.0	.0	.0	26.6	37.3	98.2	119.7	93.6	58.2	17.1	.0	.0	451
1995	.0	.0	.0	.0	40.5	106.8	121.2	96.2	59.5	10.1	.0	.0	434
1996	.0	.0	.0	.0	36.3	101.4	117.6	82.9	51.4	.0	.0	.0	390
1997	.0	.0	.0	.0	18.5	59.6	83.1	71.0	35.3	.0	.0	.0	267
1998	.0	.0	.0	23.1	32.5	86.9	112.0	103.5	66.2	14.9	.0	.0	439
1999	.0	.0	.0	.0	27.1	95.2	109.9	95.6	60.2	17.7	.0	.0	406
2000	.0	.0	.0	.0	33.3	90.1	102.0	89.2	53.7	21.4	.0	.0	390
MIN	.0	.0	.0	.0	16.1	59.6	83.1	63.7	35.3	.0	.0	.0	267
MAX	.0	.0	.0	31.9	47.0	121.7	145.0	136.0	83.6	26.3	.0	.0	490
MEAN	.0	.0	.0	5.0	32.0	93.3	116.5	100.3	58.7	14.6	.0	.0	420

GROSS EVAPORATION (mm) -- FORT ST. JOHN

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	.0	.0	.0	57.6	121.3	122.5	195.5	161.8	129.7	38.7	.0	.0	827
1944	.0	.0	.0	56.5	150.7	120.0	161.2	141.0	94.1	60.0	.0	.0	783
1945	.0	.0	.0	46.8	148.8	167.6	188.0	186.1	120.0	68.9	.0	.0	926
1946	.0	.0	.0	66.9	140.1	139.8	180.7	159.6	108.6	58.6	.0	.0	854
1947	.0	.0	.0	50.2	141.6	159.9	185.2	129.7	102.2	51.9	.0	.0	821
1948	.0	.0	.0	.0	126.7	172.8	157.1	136.7	105.9	68.8	.0	.0	768
1949	.0	.0	.0	64.4	115.8	154.1	164.3	177.0	122.2	59.5	18.2	.0	876
1950	.0	.0	.0	49.2	146.1	146.9	171.8	143.8	119.2	44.8	.0	.0	822
1951	.0	.0	.0	54.4	115.7	160.5	144.9	138.1	114.9	42.1	.0	.0	771
1952	.0	.0	.0	26.9	140.6	147.9	187.6	150.2	111.1	64.6	.0	.0	829
1953	.0	.0	.0	57.2	140.3	134.5	152.4	151.8	110.4	60.5	.0	.0	807
1954	.0	.0	.0	.0	137.3	167.3	171.7	114.0	99.4	68.5	.0	.0	758
1955	.0	.0	.0	51.4	149.0	204.0	171.1	206.0	127.2	67.6	.0	.0	976
1956	.0	.0	.0	64.2	188.5	156.5	168.6	167.0	101.9	68.9	.0	.0	916
1957	.0	.0	.0	61.9	138.9	153.9	174.7	132.2	131.7	60.8	.0	.0	854
1958	.0	.0	.0	55.1	185.5	147.6	198.4	214.1	114.2	85.3	.0	.0	1000
1959	.0	.0	.0	72.7	144.0	151.5	235.9	165.0	104.6	56.0	.0	.0	930
1960	.0	.0	.0	76.7	130.4	155.5	202.3	164.6	121.3	54.7	.0	.0	905
1961	.0	.0	.0	67.6	131.6	163.7	170.7	222.4	113.9	70.0	.0	.0	940
1962	.0	.0	.0	59.3	121.4	186.7	160.5	158.1	126.4	69.9	.0	.0	882
1963	.0	.0	.0	53.6	135.1	181.4	181.4	142.8	103.3	72.2	.0	.0	870
1964	.0	.0	.0	76.6	135.1	165.3	171.2	152.3	112.1	61.8	.0	.0	874
1965	.0	.0	.0	54.4	151.6	172.4	186.1	169.4	99.1	79.6	.0	.0	913
1966	.0	.0	.0	58.3	176.9	191.7	174.2	182.9	132.0	73.3	.0	.0	989
1967	.0	.0	.0	54.7	152.6	183.2	210.2	199.7	149.3	58.3	.0	.0	1008
1968	.0	.0	.0	68.3	141.5	161.2	158.1	151.3	106.1	55.8	.0	.0	842
1969	.0	.0	.0	53.6	135.6	148.9	172.3	185.2	78.8	48.0	.0	.0	822
1970	.0	.0	.0	59.7	146.8	164.1	191.9	184.6	125.3	62.3	.0	.0	935
1971	.0	.0	.0	61.4	174.5	149.4	152.6	157.1	106.0	69.7	.0	.0	871
1972	.0	.0	.0	58.5	164.8	173.5	149.2	146.8	85.2	63.9	.0	.0	842
1973	.0	.0	.0	55.1	142.0	135.7	166.3	169.0	105.2	55.8	.0	.0	829
1974	.0	.0	.0	57.1	122.4	190.7	151.5	124.4	97.6	71.0	.0	.0	815
1975	.0	.0	.0	63.2	134.9	162.6	170.6	149.6	120.7	55.3	.0	.0	857
1976	.0	.0	.0	73.8	165.7	129.3	176.3	119.0	115.4	65.2	.0	.0	845
1977	.0	.0	.0	58.6	131.0	162.6	135.5	110.4	94.4	73.2	.0	.0	766
1978	.0	.0	.0	46.2	117.3	165.0	168.2	142.9	83.6	82.7	.0	.0	806
1979	.0	.0	.0	42.3	109.6	126.1	135.0	103.2	78.6	54.7	.0	.0	650
1980	.0	.0	.0	83.5	146.3	139.7	163.1	129.2	91.1	71.0	.0	.0	824
1981	.0	.0	.0	47.7	125.1	139.0	182.4	192.9	107.0	49.6	.0	.0	844
1982	.0	.0	.0	58.4	126.7	163.3	155.6	119.6	97.5	59.7	.0	.0	781
1983	.0	.0	.0	65.5	140.7	140.7	146.8	161.2	97.2	40.4	.0	.0	792
1984	.0	.0	.0	65.5	118.0	144.9	181.6	155.0	82.5	44.1	.0	.0	792
1985	.0	.0	.0	80.8	155.4	164.4	196.4	159.3	104.6	51.8	.0	.0	913
1986	.0	.0	.0	62.7	122.1	177.6	148.4	148.9	81.4	54.9	.0	.0	832
1987	.0	.0	.0	78.2	145.5	166.3	147.3	119.7	117.6	76.6	.0	.0	851
1988	.0	.0	.0	59.2	127.7	158.1	176.2	154.7	108.8	60.2	.0	.0	845
1989	.0	.0	.0	63.2	139.3	150.0	145.6	115.1	95.4	31.6	.0	.0	740
1990	.0	.0	.0	62.5	119.1	150.6	146.1	156.6	132.9	41.1	.0	.0	809
1991	.0	.0	.0	66.3	131.0	129.5	181.6	159.6	107.7	55.5	.0	.0	831
1992	.0	.0	.0	64.9	154.2	171.9	166.6	181.8	102.8	54.9	.0	.0	897
1993	.0	.0	.0	55.5	138.4	133.5	114.6	114.5	106.8	54.3	.0	.0	718
1994	.0	.0	.0	65.2	145.6	138.4	152.4	115.9	109.9	56.9	.0	.0	784
1995	.0	.0	.0	52.6	137.0	144.0	131.4	126.6	111.5	52.0	.0	.0	755
1996	.0	.0	.0	49.9	105.3	159.9	153.4	144.0	75.9	49.4	.0	.0	738
1997	.0	.0	.0	57.3	127.7	160.3	164.6	123.5	90.0	43.2	.0	.0	766
1998	.0	.0	.0	68.1	128.8	117.3	150.8	167.8	116.8	48.4	.0	.0	798
1999	.0	.0	.0	61.2	128.8	133.9	164.2	161.8	107.7	70.8	.0	.0	828
2000	.0	.0	.0	59.6	110.8	137.3	143.1	119.6	102.0	48.4	.0	.0	721
MIN	.0	.0	.0	.0	105.3	117.3	114.6	103.2	75.9	31.6	.0	.0	650
MAX	.0	.0	.0	83.5	188.5	204.0	235.9	222.4	149.3	85.3	18.2	.0	1008
MEAN	.0	.0	.0	58.0	138.4	155.1	167.3	153.0	107.2	59.3	.3	.0	839

ALBERTA

GROSS EVAPORATION (mm) -- CALGARY

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	41.5	97.7	159.0	178.0	146.5	103.6	52.0	.0	.0	778
1912	.0	.0	.0	48.6	145.3	184.6	159.7	137.4	95.0	49.6	.0	.0	820
1913	.0	.0	.0	56.8	117.9	128.8	175.8	140.0	93.4	46.1	.0	.0	759
1914	.0	.0	.0	43.9	123.9	143.1	174.1	159.5	107.1	45.4	.0	.0	797
1915	.0	.0	.0	61.9	99.5	115.8	136.7	151.2	103.9	56.6	.0	.0	726
1916	.0	.0	.0	52.0	118.3	147.6	160.5	143.3	98.5	45.5	.0	.0	766
1917	.0	.0	.0	32.7	104.7	120.8	196.1	148.9	81.2	40.6	.0	.0	725
1918	.0	.0	.0	37.8	95.3	177.1	177.8	152.6	102.4	45.3	.0	.0	788
1919	.0	.0	.0	43.9	145.2	153.6	202.7	162.3	77.7	46.4	.0	.0	832
1920	.0	.0	.0	38.7	121.9	143.4	177.4	161.9	114.6	57.8	.0	.0	816
1921	.0	.0	.0	45.1	119.0	163.3	184.1	158.6	123.9	56.2	.0	.0	850
1922	.0	.0	.0	42.4	97.5	171.1	180.2	180.8	121.3	51.6	.0	.0	845
1923	.0	.0	.0	59.1	118.9	134.8	164.3	130.9	110.0	50.7	.5	.0	769
1924	.0	.0	.0	31.4	140.8	142.1	184.4	139.1	106.0	39.3	.0	.0	783
1925	.0	.0	.0	50.3	142.9	158.9	189.9	172.2	92.4	50.4	.0	.0	857
1926	.0	.0	.0	39.5	120.7	138.9	143.3	141.2	100.9	34.3	.0	.0	719
1927	.0	.0	.0	46.0	112.5	147.1	161.1	138.7	106.6	36.2	.0	.0	748
1928	.0	.0	.0	36.7	128.0	139.1	153.1	161.4	87.6	42.0	.0	.0	748
1929	.0	.0	.0	45.3	133.0	170.9	233.2	180.8	103.6	61.8	.0	.0	929
1930	.0	.0	.0	21.4	124.5	165.5	173.2	176.0	110.2	40.4	.0	.0	811
1931	.0	.0	.0	62.1	141.2	166.6	209.0	192.2	99.9	64.1	.0	.0	935
1932	.0	.0	.0	55.5	124.6	134.5	180.8	159.7	114.4	53.3	.0	.0	823
1933	.0	.0	.0	52.5	100.0	167.4	192.8	165.1	108.4	52.9	.0	.0	839
1934	.0	.0	.0	73.7	147.3	160.2	186.7	175.5	106.9	56.5	.0	.0	907
1935	.0	.0	.0	49.3	124.1	147.3	169.8	155.6	121.6	61.7	.0	.0	829
1936	.0	.0	.0	53.2	143.6	165.4	223.4	162.3	107.0	66.9	22.4	.0	944
1937	.0	.0	.0	60.4	146.5	181.9	209.7	182.1	111.3	61.3	.0	.0	953
1938	.0	.0	.0	55.6	117.9	130.6	185.2	163.5	113.3	58.5	.0	.0	825
1939	.0	.0	.0	54.4	138.2	112.6	189.7	205.4	127.4	60.9	22.8	.0	911
1940	.0	.0	.0	38.5	137.9	165.2	153.8	189.9	88.1	42.0	.0	.0	815
1941	.0	.0	.0	61.0	119.7	132.7	157.2	144.6	91.8	52.9	.0	.0	760
1942	.0	.0	.0	56.8	98.9	129.1	134.5	122.8	85.5	54.5	.0	.0	682
1943	.0	.0	.0	55.3	108.7	130.0	180.2	159.6	125.7	52.9	27.0	.0	839
1944	.0	.0	.0	53.8	126.4	145.2	179.5	151.1	116.2	62.6	.0	.0	835
1945	.0	.0	.0	41.6	114.2	137.4	165.5	163.0	112.1	46.5	.0	.0	780
1946	.0	.0	.0	64.5	119.9	122.5	166.8	160.1	115.2	64.8	.0	.0	814
1947	.0	.0	.0	61.5	134.8	128.8	204.6	155.6	120.0	61.1	.0	.0	867
1948	.0	.0	.0	36.2	117.9	139.4	190.2	158.6	131.3	78.4	.0	.0	852
1949	.0	.0	.0	70.6	146.0	192.3	187.2	188.6	154.3	62.8	36.1	.0	1038
1950	.0	.0	.0	51.9	141.3	159.4	150.3	131.0	121.6	48.8	.0	.0	804
1951	.0	.0	.0	67.0	146.8	140.3	148.5	122.5	92.7	41.1	.0	.0	759
1952	.0	.0	.0	58.2	124.3	138.0	154.3	130.0	112.0	54.5	.0	.0	771
1953	.0	.0	.0	37.5	112.3	122.0	157.7	143.2	106.5	72.3	.0	.0	752
1954	.0	.0	.0	.0	116.3	156.1	180.6	120.2	99.1	71.5	30.2	.0	774
1955	.0	.0	.0	28.5	126.1	175.4	153.6	173.5	104.7	69.9	.0	.0	832
1956	.0	.0	.0	50.3	150.8	187.3	170.6	153.9	114.4	61.7	.0	.0	889
1957	.0	.0	.0	54.3	132.4	138.4	180.7	132.6	118.1	48.0	.0	.0	805
1958	.0	.0	.0	50.1	167.7	147.8	164.1	181.4	141.8	81.9	.0	.0	935
1959	.0	.0	.0	70.5	133.1	167.7	212.7	154.7	109.7	70.7	.0	.0	919
1960	.0	.0	.0	74.7	141.6	173.7	202.4	184.3	134.7	74.7	.0	.0	986
1961	.0	.0	.0	60.1	128.3	216.8	183.7	172.1	118.1	68.2	.0	.0	947
1962	.0	.0	.0	72.6	115.6	176.8	177.8	189.2	127.2	69.5	.0	.0	929
1963	.0	.0	.0	57.4	133.2	159.2	184.2	164.7	124.9	79.0	.0	.0	903
1964	.0	.0	.0	69.8	157.0	166.6	209.2	202.2	117.9	80.5	.0	.0	1003
1965	.0	.0	.0	52.3	137.7	148.4	164.0	149.8	96.2	81.2	.0	.0	830
1966	.0	.0	.0	53.0	146.3	152.3	158.9	154.5	129.2	70.6	.0	.0	865
1967	.0	.0	.0	43.6	126.4	144.9	189.7	182.0	150.6	70.3	.0	.0	908
1968	.0	.0	.0	67.0	136.9	151.5	177.7	148.3	116.7	66.0	.0	.0	864
1969	.0	.0	.0	63.8	133.2	153.6	162.1	181.5	105.1	51.3	.0	.0	851
1970	.0	.0	.0	53.5	131.4	173.3	175.1	189.4	131.8	69.3	.0	.0	924
1971	.0	.0	.0	58.6	149.0	163.0	183.2	212.6	121.5	66.7	.0	.0	955
1972	.0	.0	.0	74.6	135.7	168.1	153.8	153.1	99.1	63.3	.0	.0	848
1973	.0	.0	.0	52.3	152.3	174.2	202.3	179.3	110.8	65.1	.0	.0	936
1974	.0	.0	.0	59.9	111.3	195.9	203.1	153.5	118.3	80.8	.0	.0	923
1975	.0	.0	.0	48.4	123.1	153.0	177.5	165.2	123.8	64.1	.0	.0	855
1976	.0	.0	.0	70.9	164.1	145.1	175.7	149.2	107.9	57.3	.0	.0	870
1977	.0	.0	.0	89.4	129.1	186.4	193.2	131.2	89.6	73.2	.0	.0	892
1978	.0	.0	.0	45.3	130.3	158.2	166.5	160.9	110.7	78.1	.0	.0	850
1979	.0	.0	.0	49.1	122.5	175.3	201.5	156.0	134.2	50.1	.0	.0	889
1980	.0	.0	.0	72.2	159.7	133.2	177.8	148.3	125.2	69.1	.0	.0	885
1981	.0	.0	.0	85.9	117.7	157.2	159.1	159.2	128.5	60.7	.0	.0	868
1982	.0	.0	.0	67.8	133.3	134.5	163.3	159.0	112.3	65.0	.0	.0	835
1983	.0	.0	.0	57.7	148.9	172.9	192.6	190.7	143.4	69.6	.0	.0	976
1984	.0	.0	.0	76.1	140.3	175.7	225.7	220.4	112.8	65.9	.0	.0	1017
1985	.0	.0	.0	69.9	157.3	177.6	221.1	171.2	110.2	72.6	.0	.0	980
1986	.0	.0	.0	74.2	138.2	188.2	167.4	168.2	88.6	66.8	.0	.0	892
1987	.0	.0	.0	78.6	162.4	210.5	158.6	155.6	132.7	83.6	26.5	.0	1008
1988	.0	.0	.0	90.0	193.5	187.6	201.7	157.3	114.2	64.0	.0	.0	1008
1989	.0	.0	.0	58.0	134.6	158.0	181.7	138.5	115.4	68.8	.0	.0	855
1990	.0	.0	.0	63.8	114.7	177.2	158.4	155.6	140.4	76.7	.0	.0	887
1991	.0	.0	.0	79.8	115.9	143.5	178.7	168.2	113.1	70.0	.0	.0	869
1992	.0	.0	38.7	74.6	152.8	152.5	143.2	160.1	122.3	60.6	.0	.0	905
1993	.0	.0	.0	55.1	132.2	164.4	148.9	131.8	118.0	66.1	.0	.0	816
1994	.0	.0	39.8	68.0	133.6	163.6	187.2	171.6	133.5	72.3	.0	.0	970
1995	.0	.0	.0	61.3	119.4	150.2	146.3	151.4	118.8	65.5	.0	.0	813
1996	.0	.0	.0	63.3	97.1	160.0	176.0	188.2	108.2	69.1	.0	.0	862
1997	.0	.0	.0	68.0	143.9	143.0	174.2	158.2	125.2	69.7	.0	.0	882
1998	.0	.0	.0	55.5	135.4	127.7	144.7	184.9	121.6	67.2	.0	.0	837
1999	.0	.0	.0	70.9	142.4	135.8	175.5	137.5	117.2	79.8	.0	.0	859
2000	.0	.0	.0	68.2	134.0	143.3	181.5	175.0	124.9	66.9	.0	.0	894
MIN	.0	.0	.0	.0	95.3	112.6	134.5	120.2	77.7	34.3	.0	.0	682
MAX	.0	.0	39.8	90.0	193.5	216.8	233.2	220.4	154.3	83.6	36.1	.0	1038
MEAN	.0	.0	.9	56.4	130.9	155.8	177.2	161.2	113.4	61.2	1.8	.0	859

GROSS EVAPORATION (mm) -- COLD LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	.0	.0	.0	39.9	131.6	137.4	129.2	133.9	100.4	54.4	.0	.0	727
1956	.0	.0	.0	43.1	160.4	155.5	145.3	133.6	96.1	61.4	.0	.0	796
1957	.0	.0	.0	49.7	130.3	131.5	169.9	137.5	112.6	53.7	.0	.0	785
1958	.0	.0	.0	61.6	151.3	149.4	173.5	158.5	110.1	63.0	.0	.0	867
1959	.0	.0	.0	67.8	122.7	152.0	173.6	128.2	107.8	49.8	.0	.0	802
1960	.0	.0	.0	67.1	131.3	144.3	156.5	127.5	107.2	58.7	.0	.0	793
1961	.0	.0	.0	49.3	134.1	173.8	156.7	159.8	108.1	56.7	.0	.0	838
1962	.0	.0	.0	52.4	121.1	143.1	153.0	145.0	108.5	59.3	.0	.0	782
1963	.0	.0	.0	55.6	118.5	147.5	157.2	123.4	92.8	55.4	.0	.0	750
1964	.0	.0	.0	51.1	129.7	165.3	170.0	137.3	94.0	57.5	.0	.0	805
1965	.0	.0	.0	52.1	142.4	160.7	177.6	151.7	94.1	77.9	.0	.0	857
1966	.0	.0	.0	55.4	150.3	139.7	149.1	134.4	99.9	63.4	.0	.0	792
1967	.0	.0	.0	41.3	136.2	146.9	157.7	158.3	126.5	49.0	.0	.0	816
1968	.0	.0	.0	56.2	140.3	161.8	157.8	123.0	88.9	46.7	.0	.0	775
1969	.0	.0	.0	50.8	121.4	150.1	155.1	152.1	84.6	40.8	.0	.0	755
1970	.0	.0	.0	49.6	145.4	145.7	137.7	134.6	89.7	43.9	.0	.0	747
1971	.0	.0	.0	53.6	153.6	128.5	135.6	133.6	90.9	56.8	.0	.0	753
1972	.0	.0	.0	62.4	134.6	165.7	150.2	133.7	92.1	60.9	.0	.0	800
1973	.0	.0	.0	57.0	127.1	131.3	169.4	132.3	100.3	49.1	.0	.0	766
1974	.0	.0	.0	49.0	106.6	149.4	148.2	129.0	90.9	60.6	.0	.0	734
1975	.0	.0	.0	41.4	107.6	112.9	135.1	124.1	84.4	46.3	.0	.0	652
1976	.0	.0	.0	55.0	137.6	123.3	144.2	131.0	96.4	50.6	.0	.0	738
1977	.0	.0	.0	66.5	126.1	151.8	133.4	120.3	79.5	61.5	.0	.0	739
1978	.0	.0	.0	55.2	114.6	144.1	170.8	138.6	80.6	64.2	.0	.0	768
1979	.0	.0	.0	41.6	115.6	116.6	132.5	112.9	83.9	44.3	.0	.0	648
1980	.0	.0	.0	78.0	138.0	135.6	161.0	108.5	74.3	52.9	.0	.0	748
1981	.0	.0	.0	65.1	149.9	142.5	150.7	152.1	102.4	50.5	.0	.0	813
1982	.0	.0	.0	54.6	125.4	142.5	130.9	125.8	102.3	54.4	.0	.0	736
1983	.0	.0	.0	61.3	117.6	127.9	135.9	143.4	94.6	46.6	.0	.0	727
1984	.0	.0	.0	68.9	123.5	161.4	176.7	160.9	89.9	51.8	.0	.0	833
1985	.0	.0	.0	60.7	118.7	135.8	153.1	148.4	90.6	47.4	.0	.0	755
1986	.0	.0	.0	61.4	123.6	138.9	122.0	136.7	90.1	51.9	.0	.0	725
1987	.0	.0	.0	55.8	129.9	149.5	134.4	108.2	96.6	62.3	.0	.0	737
1988	.0	.0	.0	67.7	129.2	127.7	145.5	132.2	88.1	41.0	.0	.0	731
1989	.0	.0	.0	48.5	111.5	112.8	136.5	116.8	82.9	42.5	.0	.0	652
1990	.0	.0	.0	45.8	113.1	143.7	129.7	122.0	95.1	43.3	.0	.0	693
1991	.0	.0	.0	53.6	114.4	108.4	147.1	148.1	93.5	43.0	.0	.0	708
1992	.0	.0	.0	54.3	122.8	131.7	120.2	123.9	86.8	45.1	.0	.0	685
1993	.0	.0	.0	38.8	123.0	135.3	126.3	111.9	90.0	47.6	.0	.0	673
1994	.0	.0	.0	57.5	123.6	117.7	116.2	113.3	103.5	48.5	.0	.0	680
1995	.0	.0	.0	47.4	129.6	143.6	148.2	117.4	100.1	44.8	.0	.0	731
1996	.0	.0	.0	43.3	99.7	128.3	136.3	140.0	87.2	44.6	.0	.0	680
1997	.0	.0	.0	51.8	123.1	127.0	161.7	136.1	96.5	44.1	.0	.0	740
1998	.0	.0	.0	69.6	147.5	146.7	154.3	156.1	100.9	46.9	.0	.0	822
1999	.0	.0	.0	60.7	123.2	147.3	163.3	137.3	100.8	59.4	.0	.0	792
2000	.0	.0	.0	60.2	128.3	149.3	127.9	128.4	90.8	59.4	.0	.0	744
MIN	.0	.0	.0	38.8	99.7	108.4	116.2	108.2	74.3	40.8	.0	.0	648
MAX	.0	.0	.0	78.0	160.4	173.8	177.6	160.9	126.5	77.9	.0	.0	867
MEAN	.0	.0	.0	55.0	128.4	140.9	148.2	134.0	95.2	52.5	.0	.0	754

GROSS EVAPORATION (mm) -- CORONATION

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	37.5	113.3	123.3	161.2	137.8	111.1	71.8	.0	.0	756
1954	.0	.0	.0	.0	117.4	132.3	168.3	103.8	90.1	66.5	.0	.0	678
1955	.0	.0	.0	46.7	133.0	159.0	152.4	177.9	112.3	58.2	.0	.0	840
1956	.0	.0	.0	45.2	148.4	165.8	142.9	135.1	101.7	54.7	.0	.0	794
1957	.0	.0	.0	48.1	126.6	140.0	191.7	133.3	117.6	48.3	.0	.0	806
1958	.0	.0	.0	52.2	159.2	159.5	195.3	199.5	127.2	75.1	.0	.0	968
1959	.0	.0	.0	64.4	127.6	137.7	197.5	148.9	103.7	44.8	.0	.0	825
1960	.0	.0	.0	58.0	129.3	166.8	178.6	156.0	118.7	62.1	.0	.0	870
1961	.0	.0	.0	51.5	117.8	181.8	181.4	215.3	124.2	55.0	.0	.0	927
1962	.0	.0	.0	58.8	118.1	165.1	148.2	146.5	99.5	60.0	.0	.0	796
1963	.0	.0	.0	54.5	129.8	158.5	170.9	144.4	112.9	69.7	.0	.0	841
1964	.0	.0	.0	58.8	135.4	161.4	217.3	192.7	110.6	59.7	.0	.0	936
1965	.0	.0	.0	42.4	133.7	145.7	169.7	177.6	86.8	74.8	.0	.0	831
1966	.0	.0	.0	58.8	157.7	145.6	176.8	158.4	122.6	58.7	.0	.0	879
1967	.0	.0	.0	37.2	131.5	141.2	192.9	193.6	176.4	64.2	.0	.0	937
1968	.0	.0	.0	66.3	152.5	164.0	180.3	144.0	98.8	54.7	.0	.0	861
1969	.0	.0	.0	49.4	131.3	170.1	162.9	203.0	106.8	44.1	.0	.0	868
1970	.0	.0	.0	44.4	141.6	178.1	173.2	202.4	123.3	56.7	.0	.0	920
1971	.0	.0	.0	42.6	149.0	144.1	173.1	212.4	120.9	64.7	.0	.0	907
1972	.0	.0	.0	66.8	132.5	179.3	163.2	162.5	103.0	66.0	.0	.0	873
1973	.0	.0	.0	47.7	151.5	177.8	185.9	155.1	111.6	58.3	.0	.0	888
1974	.0	.0	.0	34.8	111.1	173.8	193.1	152.4	110.5	71.9	.0	.0	848
1975	.0	.0	.0	36.4	124.1	155.3	184.7	158.6	129.8	55.4	.0	.0	844
1976	.0	.0	.0	59.6	168.6	149.1	163.9	182.9	131.6	65.6	.0	.0	921
1977	.0	.0	.0	88.5	128.7	203.2	215.3	167.3	91.4	73.9	.0	.0	968
1978	.0	.0	.0	47.6	136.1	166.3	189.3	171.7	99.0	66.1	.0	.0	876
1979	.0	.0	.0	44.8	133.0	165.3	176.8	169.1	134.5	60.5	.0	.0	884
1980	.0	.0	.0	74.8	172.6	155.1	180.8	156.3	116.6	71.0	.0	.0	927
1981	.0	.0	.0	78.6	147.7	164.6	187.8	211.2	145.4	60.0	.0	.0	995
1982	.0	.0	.0	64.7	135.8	160.8	162.6	157.0	122.1	60.0	.0	.0	863
1983	.0	.0	.0	57.1	153.3	172.8	162.5	180.4	115.7	59.0	.0	.0	901
1984	.0	.0	.0	70.8	146.6	151.8	207.1	195.6	97.4	57.0	.0	.0	926
1985	.0	.0	.0	56.0	147.2	182.1	201.4	176.1	103.4	61.3	.0	.0	927
1986	.0	.0	.0	63.3	136.3	162.4	146.3	163.9	88.4	52.6	.0	.0	813
1987	.0	.0	.0	62.6	146.3	204.4	146.7	123.2	117.1	73.5	.0	.0	874
1988	.0	.0	.0	66.9	176.3	190.1	194.5	140.8	101.1	53.6	.0	.0	923
1989	.0	.0	.0	54.5	138.4	158.9	192.1	141.0	116.0	57.0	.0	.0	858
1990	.0	.0	.0	54.7	129.8	148.1	161.5	154.3	139.8	64.5	.0	.0	853
1991	.0	.0	.0	70.5	123.8	136.9	170.2	165.7	134.2	64.1	.0	.0	865
1992	.0	.0	25.4	63.2	133.3	158.0	152.0	170.6	120.8	62.5	.0	.0	886
1993	.0	.0	.0	31.4	127.0	159.8	130.1	126.3	106.5	51.1	.0	.0	732
1994	.0	.0	.0	57.5	124.1	128.4	159.2	126.0	107.6	48.7	.0	.0	752
1995	.0	.0	.0	44.6	126.4	141.9	105.6	91.2	85.8	46.4	.0	.0	642
1996	.0	.0	.0	45.3	96.5	146.0	157.2	181.3	88.3	48.8	.0	.0	763
1997	.0	.0	.0	68.4	135.1	123.4	160.6	166.5	130.4	52.0	.0	.0	836
1998	.0	.0	.0	65.0	152.6	152.7	166.7	206.4	127.5	45.4	.0	.0	916
1999	.0	.0	.0	64.4	120.8	141.2	139.9	124.5	113.8	65.2	.0	.0	770
2000	.0	.0	.0	55.8	128.1	153.2	174.5	167.3	104.3	61.8	.0	.0	845
MIN	.0	.0	.0	.0	96.5	123.3	105.6	91.2	85.8	44.1	.0	.0	642
MAX	.0	.0	25.4	88.5	176.3	204.4	217.3	215.3	176.4	75.1	.0	.0	995
MEAN	.0	.0	.5	54.4	136.2	158.4	172.2	163.1	113.7	59.9	.0	.0	858

GROSS EVAPORATION (mm) -- EDMONTON INTERNATIONAL

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	.0	.0	.0	58.4	141.0	193.3	159.1	168.5	112.4	53.3	.0	.0	886
1962	.0	.0	.0	47.7	120.5	147.8	134.0	126.0	100.9	52.5	.0	.0	729
1963	.0	.0	.0	52.7	127.0	143.3	156.0	131.1	104.4	64.4	.0	.0	779
1964	.0	.0	.0	74.9	140.3	155.6	173.1	150.6	103.8	59.3	.0	.0	858
1965	.0	.0	.0	40.5	131.8	125.1	122.2	124.2	85.5	67.4	.0	.0	697
1966	.0	.0	.0	51.4	171.3	131.7	140.9	118.9	97.5	56.1	.0	.0	768
1967	.0	.0	.0	39.6	128.8	136.2	156.0	147.9	146.0	54.6	.0	.0	809
1968	.0	.0	.0	60.7	171.5	160.3	165.5	121.4	91.9	50.5	.0	.0	822
1969	.0	.0	.0	53.3	133.8	166.8	165.1	156.8	98.5	45.4	.0	.0	820
1970	.0	.0	.0	47.6	148.4	159.3	130.3	138.3	111.2	53.9	.0	.0	789
1971	.0	.0	.0	50.3	153.2	135.2	141.5	151.0	108.4	59.0	.0	.0	799
1972	.0	.0	.0	60.1	135.0	142.1	126.4	109.9	83.9	61.1	.0	.0	719
1973	.0	.0	.0	46.0	147.2	149.6	154.9	132.7	99.4	47.2	.0	.0	777
1974	.0	.0	.0	42.5	103.1	137.4	123.7	111.4	87.3	60.2	.0	.0	666
1975	.0	.0	.0	40.7	124.4	121.3	117.4	116.3	85.6	46.1	.0	.0	652
1976	.0	.0	.0	50.7	137.3	119.9	131.7	116.7	81.7	53.5	.0	.0	692
1977	.0	.0	.0	71.5	107.2	144.3	133.6	104.1	75.0	61.7	.0	.0	697
1978	.0	.0	.0	52.3	119.3	138.2	137.3	125.1	76.0	58.4	.0	.0	707
1979	.0	.0	.0	47.6	120.8	131.4	125.8	110.5	89.3	49.8	.0	.0	675
1980	.0	.0	.0	64.6	148.8	115.8	133.3	119.5	83.3	50.4	.0	.0	716
1981	.0	.0	.0	65.7	131.1	133.8	138.1	157.7	120.3	56.6	.0	.0	803
1982	.0	.0	.0	58.1	145.1	143.5	113.9	114.9	98.0	55.3	.0	.0	729
1983	.0	.0	.0	55.1	141.2	143.6	131.4	128.1	95.3	49.9	.0	.0	745
1984	.0	.0	.0	66.7	128.2	138.5	164.8	157.2	90.5	55.8	.0	.0	802
1985	.0	.0	.0	54.6	137.9	163.7	156.2	125.9	89.2	51.9	.0	.0	779
1986	.0	.0	.0	60.1	138.4	158.7	136.2	144.3	92.5	51.2	.0	.0	782
1987	.0	.0	.0	65.4	131.3	157.5	128.5	114.9	106.4	66.3	.0	.0	770
1988	.0	.0	.0	82.2	170.2	136.1	152.9	136.6	106.3	61.4	.0	.0	846
1989	.0	.0	.0	53.4	131.4	143.5	133.1	100.5	95.8	50.2	.0	.0	708
1990	.0	.0	.0	49.2	122.7	145.9	139.1	132.2	127.9	57.3	.0	.0	774
1991	.0	.0	.0	52.2	120.9	120.2	142.9	123.2	101.3	50.3	.0	.0	711
1992	.0	.0	.0	54.7	130.1	157.8	123.4	137.4	95.8	57.2	.0	.0	756
1993	.0	.0	.0	38.5	143.3	154.6	120.0	108.7	96.2	50.1	.0	.0	711
1994	.0	.0	.0	62.0	142.1	128.8	137.7	110.4	98.5	54.6	.0	.0	734
1995	.0	.0	.0	48.2	129.3	126.5	116.3	103.3	98.9	49.7	.0	.0	672
1996	.0	.0	.0	43.0	92.7	134.6	136.8	135.9	91.1	47.1	.0	.0	681
1997	.0	.0	.0	49.9	121.3	122.0	135.6	115.3	100.4	39.3	.0	.0	684
1998	.0	.0	.0	55.4	145.9	116.5	131.1	141.8	110.7	45.9	.0	.0	747
1999	.0	.0	.0	53.4	124.1	143.9	136.0	121.8	107.1	68.0	.0	.0	754
2000	.0	.0	.0	57.2	127.8	139.4	118.5	124.7	96.1	56.9	.0	.0	720
MIN	.0	.0	.0	38.5	92.7	115.8	113.9	100.5	75.0	39.3	.0	.0	652
MAX	.0	.0	.0	82.2	171.5	193.3	173.1	168.5	146.0	68.0	.0	.0	886
MEAN	.0	.0	.0	54.5	134.1	141.6	138.0	127.9	98.5	54.5	.0	.0	749

GROSS EVAPORATION (mm) -- EDMONTON MUNICIPAL

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	48.8	136.0	128.0	144.8	115.8	85.6	38.8	.0	.0	698
1912	.0	.0	.0	40.1	112.8	140.6	124.7	116.9	79.0	42.5	.0	.0	657
1913	.0	.0	.0	52.9	115.1	118.9	130.6	110.9	83.3	43.6	.0	.0	655
1914	.0	.0	.0	72.1	158.9	113.5	146.4	132.9	84.3	45.3	.0	.0	753
1915	.0	.0	.0	63.1	115.9	113.4	114.5	114.9	92.3	57.8	.0	.0	672
1916	.0	.0	.0	58.7	108.3	139.1	137.8	120.9	92.2	52.3	.0	.0	709
1917	.0	.0	.0	38.7	117.0	140.9	149.8	128.8	92.2	52.6	15.7	.0	736
1918	.0	.0	.0	67.3	125.2	135.5	143.4	136.3	94.5	51.5	.0	.0	754
1919	.0	.0	.0	54.2	139.7	146.4	169.9	156.4	96.1	44.6	.0	.0	807
1920	.0	.0	.0	37.0	141.5	136.9	145.1	129.7	87.6	49.5	.0	.0	727
1921	.0	.0	.0	57.3	142.9	137.2	168.4	140.6	113.3	62.7	.0	.0	822
1922	.0	.0	.0	47.3	146.3	143.5	162.8	140.0	105.8	52.3	.0	.0	798
1923	.0	.0	.0	64.2	135.3	137.6	154.7	117.3	93.5	51.3	.0	.0	754
1924	.0	.0	.0	51.6	134.9	140.8	172.3	133.4	92.6	46.6	.0	.0	772
1925	.0	.0	.0	55.8	136.8	129.8	170.3	133.5	83.3	46.5	.0	.0	756
1926	.0	.0	.0	62.4	120.8	137.4	159.0	127.1	77.9	46.6	.0	.0	731
1927	.0	.0	.0	52.4	117.8	144.4	140.6	131.7	99.8	44.4	.0	.0	731
1928	.0	.0	.0	46.2	146.0	125.2	127.4	116.2	105.7	49.6	.0	.0	716
1929	.0	.0	.0	50.7	144.1	195.6	214.3	165.2	101.2	70.4	.0	.0	942
1930	.0	.0	.0	54.0	135.2	154.1	159.2	149.3	94.4	47.9	.0	.0	794
1931	.0	.0	.0	84.8	170.5	185.3	170.4	171.2	115.0	60.0	.0	.0	957
1932	.0	.0	.0	37.1	123.7	144.8	176.4	185.9	129.4	54.1	.0	.0	851
1933	.0	.0	.0	61.2	127.3	143.4	164.3	151.9	106.7	54.3	.0	.0	809
1934	.0	.0	.0	86.1	147.4	136.6	152.3	159.9	116.2	77.2	.0	.0	876
1935	.0	.0	.0	39.5	120.9	158.3	183.9	150.3	122.3	65.1	.0	.0	840
1936	.0	.0	.0	48.0	157.6	151.7	217.0	179.5	136.1	73.9	.0	.0	964
1937	.0	.0	.0	64.7	155.9	173.1	174.6	146.9	124.9	58.4	.0	.0	899
1938	.0	.0	.0	64.6	129.4	143.5	152.9	122.7	97.4	46.3	.0	.0	757
1939	.0	.0	.0	63.8	121.4	116.4	170.3	176.9	92.7	49.5	.0	.0	791
1940	.0	.0	.0	35.2	137.1	138.7	130.3	146.7	91.8	38.7	.0	.0	719
1941	.0	.0	.0	59.7	120.1	136.2	141.0	121.1	76.4	42.9	.0	.0	697
1942	.0	.0	.0	53.2	119.5	125.4	129.6	119.0	75.2	56.7	.0	.0	679
1943	.0	.0	.0	52.3	107.1	111.3	143.2	118.5	112.8	44.7	.0	.0	690
1944	.0	.0	.0	63.4	116.5	119.0	144.0	130.8	92.7	59.1	.0	.0	725
1945	.0	.0	.0	45.6	136.6	159.5	178.2	130.8	100.5	52.2	.0	.0	803
1946	.0	.0	.0	61.4	128.9	121.0	178.2	139.7	86.6	53.3	.0	.0	769
1947	.0	.0	.0	43.3	140.2	129.0	156.1	122.6	93.4	52.6	.0	.0	737
1948	.0	.0	.0	32.5	118.1	154.8	169.4	134.7	100.8	67.7	.0	.0	778
1949	.0	.0	.0	70.0	137.4	176.4	156.6	133.2	104.6	53.1	16.9	.0	848
1950	.0	.0	.0	53.0	143.8	160.3	168.7	139.9	117.9	38.2	.0	.0	822
1951	.0	.0	.0	48.9	130.7	145.6	133.0	125.4	92.5	40.2	.0	.0	716
1952	.0	.0	.0	69.0	126.3	136.1	147.9	130.1	96.2	77.3	.0	.0	783
1953	.0	.0	.0	47.5	125.1	133.2	148.3	127.5	102.8	57.9	.0	.0	742
1954	.0	.0	.0	48.9	117.0	141.7	164.3	107.3	88.9	62.5	.0	.0	731
1955	.0	.0	.0	40.7	130.2	175.9	142.0	149.0	100.4	54.4	.0	.0	793
1956	.0	.0	.0	45.5	153.9	154.0	150.8	136.2	92.6	57.0	.0	.0	790
1957	.0	.0	.0	49.1	133.1	145.1	179.1	133.7	112.3	50.8	.0	.0	803
1958	.0	.0	.0	49.5	153.7	143.4	162.5	154.3	106.5	60.0	.0	.0	830
1959	.0	.0	.0	68.6	129.3	138.5	176.5	132.1	102.4	46.7	.0	.0	794
1960	.0	.0	.0	63.6	132.5	151.2	161.5	140.0	107.0	54.5	.0	.0	810
1961	.0	.0	.0	61.9	131.7	179.9	159.1	159.4	104.2	52.0	.0	.0	848
1962	.0	.0	.0	51.7	116.3	143.3	139.5	135.8	102.2	54.7	.0	.0	744
1963	.0	.0	.0	53.7	126.2	154.7	169.4	146.2	110.5	65.1	.0	.0	826
1964	.0	.0	.0	72.1	139.5	168.2	189.5	163.0	98.2	61.1	.0	.0	892
1965	.0	.0	.0	44.2	132.0	147.1	157.8	153.9	90.6	73.4	.0	.0	799
1966	.0	.0	.0	53.2	161.6	140.8	161.8	135.7	108.3	61.4	.0	.0	823
1967	.0	.0	.0	42.4	147.7	161.9	194.5	187.5	160.6	64.9	.0	.0	960
1968	.0	.0	.0	63.9	168.4	167.2	179.4	146.8	105.6	56.2	.0	.0	888
1969	.0	.0	.0	54.4	131.7	174.9	172.0	170.3	99.7	45.2	.0	.0	848
1970	.0	.0	.0	62.0	157.9	197.6	173.7	181.9	125.5	58.9	.0	.0	958
1971	.0	.0	.0	61.1	179.6	149.7	170.6	192.9	128.1	69.2	.0	.0	951
1972	.0	.0	.0	65.4	141.3	180.1	168.3	149.4	103.6	74.3	.0	.0	883
1973	.0	.0	.0	60.2	183.8	199.4	209.7	167.6	118.7	59.2	.0	.0	999
1974	.0	.0	.0	56.4	131.1	192.9	190.3	146.1	102.3	70.4	.0	.0	890
1975	.0	.0	.0	48.4	136.7	154.6	170.3	144.6	102.6	54.0	.0	.0	811
1976	.0	.0	.0	63.4	165.0	145.2	176.6	138.9	96.5	66.1	.0	.0	852
1977	.0	.0	.0	86.3	129.5	190.5	173.5	139.5	98.6	84.1	.0	.0	902
1978	.0	.0	.0	54.8	122.1	146.3	149.7	136.9	81.0	61.8	.0	.0	753
1979	.0	.0	.0	47.7	120.9	136.3	139.6	131.0	102.2	57.0	.0	.0	735
1980	.0	.0	.0	70.8	146.4	123.8	150.2	128.4	86.2	55.0	.0	.0	761
1981	.0	.0	.0	65.4	127.6	146.7	158.9	173.7	118.5	54.6	.0	.0	845
1982	.0	.0	.0	61.4	156.4	157.1	137.9	132.3	106.6	60.4	.0	.0	812
1983	.0	.0	.0	57.5	140.1	154.6	155.7	157.2	104.7	55.9	.0	.0	826
1984	.0	.0	.0	71.6	125.0	149.5	189.5	177.4	94.6	58.6	.0	.0	866
1985	.0	.0	.0	56.2	147.7	170.9	195.9	151.6	96.1	58.2	.0	.0	877
1986	.0	.0	.0	59.9	137.1	161.6	139.0	152.1	86.3	49.4	.0	.0	785
1987	.0	.0	.0	63.9	127.3	171.3	148.0	119.8	109.2	68.5	.0	.0	808
1988	.0	.0	.0	80.2	162.8	137.2	167.9	144.6	101.5	56.8	.0	.0	851
1989	.0	.0	.0	59.9	133.8	142.9	148.0	117.0	98.3	53.2	.0	.0	753
1990	.0	.0	.0	53.1	118.8	141.5	158.3	144.2	117.2	57.8	.0	.0	791
1991	.0	.0	.0	59.9	124.1	124.8	177.2	146.5	108.6	53.5	.0	.0	795
1992	.0	.0	.0	55.9	129.1	171.7	153.6	163.9	98.8	58.2	.0	.0	831
1993	.0	.0	.0	40.8	141.2	156.2	140.4	130.9	104.3	55.4	.0	.0	769
1994	.0	.0	.0	70.8	147.8	140.4	156.9	130.8	110.1	59.4	.0	.0	816
1995	.0	.0	.0	53.2	138.8	153.7	153.3	128.4	113.7	55.9	.0	.0	797
1996	.0	.0	.0	48.4	100.5	136.3	154.1	150.8	94.4	50.4	.0	.0	735
1997	.0	.0	.0	56.1	131.4	133.6	175.1	145.5	106.0	46.9	.0	.0	795
1998	.0	.0	.0	68.6	153.6	148.8	164.5	171.1	116.6	47.7	.0	.0	871
1999	.0	.0	.0	66.4	126.4	158.4	167.0	148.5	117.0	68.9	.0	.0	853
2000	.0	.0	.0	66.4	132.0	160.6	148.6	147.2	103.1	58.7	.0	.0	817
MIN	.0	.0	.0	32.5	100.5	111.3	114.5	107.3	75.2	38.2	.0	.0	655
MAX	.0	.0	.0	86.3	183.8	199.4	217.0	192.9	160.6	84.1	16.9	.0	999
MEAN	.0	.0	.0	56.8	135.5	148.7	160.5	142.5	102.0	55.9	.4	.0	802

GROSS EVAPORATION (mm) -- EDSON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	.0	.0	.0	60.5	107.5	120.5	152.2	115.6	87.6	43.4	.0	.0	687
1961	.0	.0	.0	52.5	95.9	139.3	141.0	135.3	93.7	40.7	.0	.0	699
1962	.0	.0	.0	47.5	89.7	126.0	121.1	118.2	86.1	45.8	.0	.0	634
1963	.0	.0	.0	47.1	112.1	118.0	144.4	115.5	75.3	46.7	.0	.0	659
1964	.0	.0	.0	42.2	96.1	113.6	130.2	115.4	78.5	48.3	.0	.0	624
1965	.0	.0	.0	40.1	104.7	137.9	128.1	119.9	79.5	56.1	.0	.0	666
1966	.0	.0	.0	41.7	117.5	124.0	118.2	103.1	82.5	44.1	.0	.0	631
1967	.0	.0	.0	42.6	100.6	121.8	135.2	128.8	101.8	42.8	.0	.0	674
1968	.0	.0	.0	54.8	119.0	116.0	135.0	112.1	85.1	46.7	.0	.0	669
1969	.0	.0	.0	47.4	107.0	125.8	151.7	128.4	78.7	45.2	.0	.0	684
1970	.0	.0	.0	57.0	104.6	121.0	125.9	120.3	83.6	45.0	.0	.0	657
1971	.0	.0	.0	41.6	113.2	107.5	121.5	117.2	79.5	43.1	.0	.0	624
1972	.0	.0	.0	50.4	109.8	123.9	129.5	115.5	72.3	49.8	.0	.0	651
1973	.0	.0	.0	36.5	101.0	121.3	139.2	109.7	70.8	36.8	.0	.0	615
1974	.0	.0	.0	44.9	90.8	130.7	130.9	101.7	82.7	45.2	.0	.0	627
1975	.0	.0	.0	38.7	95.2	110.1	120.4	97.7	77.0	39.2	.0	.0	578
1976	.0	.0	.0	44.2	72.4	101.0	119.8	91.4	71.5	43.9	.0	.0	544
1977	.0	.0	.0	57.4	90.1	123.5	115.3	96.1	65.9	49.8	.0	.0	598
1978	.0	.0	.0	37.0	93.3	118.7	119.5	104.1	68.6	54.5	.0	.0	596
1979	.0	.0	.0	37.2	92.9	126.4	136.3	117.9	78.4	39.0	.0	.0	628
1980	.0	.0	.0	59.6	105.9	107.8	129.7	108.6	72.8	45.4	.0	.0	630
1981	.0	.0	.0	51.9	86.0	117.0	132.2	130.1	79.8	39.7	.0	.0	637
1982	.0	.0	.0	40.6	85.7	100.5	107.8	103.5	74.5	42.6	.0	.0	555
1983	.0	.0	.0	48.3	100.9	108.5	130.8	120.7	78.6	38.4	.0	.0	626
1984	.0	.0	.0	51.9	105.9	119.5	152.2	125.1	71.7	41.6	.0	.0	668
1985	.0	.0	.0	53.7	117.8	126.7	143.9	115.1	76.4	45.6	.0	.0	679
1986	.0	.0	.0	42.9	98.1	118.1	106.8	119.4	61.4	44.2	.0	.0	591
1987	.0	.0	.0	57.7	94.1	127.4	111.0	100.0	84.9	52.1	.0	.0	627
1988	.0	.0	.0	60.8	119.3	119.8	142.8	119.0	80.8	50.3	.0	.0	693
1989	.0	.0	.0	48.0	104.3	125.9	125.1	98.4	85.1	41.6	.0	.0	628
1990	.0	.0	.0	44.3	90.8	115.4	128.3	115.3	90.0	48.9	.0	.0	633
1991	.0	.0	.0	44.7	101.9	112.0	131.4	114.4	90.6	43.3	.0	.0	638
1992	.0	.0	27.6	47.9	106.1	136.3	133.1	130.0	84.4	46.9	.0	.0	712
1993	.0	.0	.0	46.7	122.1	136.5	127.3	109.8	85.9	39.8	.0	.0	668
1994	.0	.0	.0	52.1	108.4	115.0	123.0	102.0	83.4	36.9	.0	.0	621
1995	.0	.0	.0	44.3	101.0	113.0	118.6	103.1	82.4	44.3	.0	.0	607
1996	.0	.0	.0	46.0	73.7	116.1	130.9	125.0	70.5	43.1	.0	.0	605
1997	.0	.0	.0	50.1	105.0	124.3	133.9	117.7	81.1	36.6	.0	.0	649
1998	.0	.0	.0	54.3	111.0	104.6	135.6	124.4	78.1	31.9	.0	.0	640
1999	.0	.0	.0	50.5	100.0	111.5	129.9	117.5	85.5	54.8	.0	.0	650
2000	.0	.0	.0	47.6	91.6	122.0	128.5	108.6	83.4	41.6	.0	.0	623
MIN	.0	.0	.0	36.5	72.4	100.5	106.8	91.4	61.4	31.9	.0	.0	544
MAX	.0	.0	27.6	60.8	122.1	139.3	152.2	135.3	101.8	56.1	.0	.0	712
MEAN	.0	.0	.7	47.9	101.0	119.6	129.7	113.9	80.0	44.3	.0	.0	637

GROSS EVAPORATION (mm) -- FORT McMURRAY

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	.0	34.6	69.8	100.7	100.7	55.0	22.1	.0	.0	383
1954	.0	.0	.0	.0	26.6	87.4	115.0	87.6	61.3	26.6	.0	.0	404
1955	.0	.0	.0	.0	32.1	90.2	113.7	111.5	67.8	27.6	.0	.0	443
1956	.0	.0	.0	.0	43.2	91.9	115.4	107.8	62.6	28.4	.0	.0	449
1957	.0	.0	.0	.0	20.8	80.2	109.4	92.8	63.2	21.1	.0	.0	388
1958	.0	.0	.0	.0	30.0	91.7	111.4	108.1	60.6	28.7	.0	.0	430
1959	.0	.0	.0	.0	30.1	85.4	132.8	85.8	65.0	23.1	.0	.0	422
1960	.0	.0	.0	.0	28.1	83.2	119.9	87.6	57.2	18.3	.0	.0	394
1961	.0	.0	.0	.0	34.9	92.6	116.8	119.6	62.8	24.7	.0	.0	451
1962	.0	.0	.0	.0	22.9	63.3	95.1	85.4	54.1	20.1	.0	.0	341
1963	.0	.0	.0	.0	35.6	80.3	113.3	93.9	55.5	32.4	.0	.0	411
1964	.0	.0	.0	.0	31.1	110.8	116.6	94.8	63.5	24.3	.0	.0	441
1965	.0	.0	.0	.0	44.5	94.7	123.0	89.7	55.6	30.2	.0	.0	438
1966	.0	.0	.0	.0	40.7	96.4	106.5	103.0	67.5	23.8	.0	.0	438
1967	.0	.0	.0	.0	40.6	103.5	117.4	106.9	68.7	20.1	.0	.0	457
1968	.0	.0	.0	.0	34.6	93.1	112.1	99.3	57.4	21.4	.0	.0	418
1969	.0	.0	.0	18.7	32.3	86.8	126.5	120.5	47.3	24.6	.0	.0	457
1970	.0	.0	.0	.0	38.4	96.1	124.0	108.5	60.3	18.9	.0	.0	446
1971	.0	.0	.0	27.0	50.0	94.4	114.0	121.4	67.8	31.1	.0	.0	506
1972	.0	.0	.0	.0	47.2	99.2	114.1	115.6	53.9	26.7	.0	.0	457
1973	.0	.0	.0	.0	45.4	82.1	122.4	99.8	71.7	15.6	.0	.0	437
1974	.0	.0	.0	.0	31.7	98.7	106.8	95.5	64.8	26.9	.0	.0	424
1975	.0	.0	.0	.0	26.5	68.5	113.0	92.5	54.7	16.2	.0	.0	371
1976	.0	.0	.0	27.9	43.7	87.7	114.1	92.8	77.1	25.2	.0	.0	468
1977	.0	.0	.0	29.6	33.2	101.8	108.0	100.0	58.0	28.8	.0	.0	459
1978	.0	.0	.0	.0	30.7	98.7	133.1	102.9	51.4	23.5	.0	.0	440
1979	.0	.0	.0	.0	36.9	99.6	128.9	91.5	58.3	17.8	.0	.0	433
1980	.0	.0	.0	38.9	40.1	101.3	119.4	98.2	58.0	25.9	.0	.0	482
1981	.0	.0	.0	.0	52.9	103.9	133.0	134.2	80.8	20.6	.0	.0	525
1982	.0	.0	.0	.0	39.4	112.4	116.3	103.6	78.4	28.7	.0	.0	479
1983	.0	.0	.0	.0	37.9	93.5	124.0	122.3	70.8	27.4	.0	.0	476
1984	.0	.0	.0	28.0	33.6	111.4	144.6	115.5	70.5	23.2	.0	.0	527
1985	.0	.0	.0	.0	43.2	108.3	131.7	119.8	72.7	20.5	.0	.0	496
1986	.0	.0	.0	.0	35.0	115.8	106.3	109.1	68.8	24.5	.0	.0	459
1987	.0	.0	.0	26.3	37.5	100.8	121.1	92.9	73.4	28.4	.0	.0	480
1988	.0	.0	.0	.0	38.4	96.2	127.1	108.4	72.3	23.6	.0	.0	466
1989	.0	.0	.0	.0	34.8	83.0	120.3	95.8	59.3	23.1	.0	.0	416
1990	.0	.0	.0	.0	40.7	93.4	132.3	118.0	71.9	.0	.0	.0	456
1991	.0	.0	.0	31.5	47.2	83.2	126.3	123.4	69.2	.0	.0	.0	481
1992	.0	.0	.0	.0	41.5	87.1	113.0	108.3	59.4	27.4	.0	.0	437
1993	.0	.0	.0	.0	38.7	104.5	100.2	89.5	67.0	21.9	.0	.0	422
1994	.0	.0	.0	.0	39.5	101.2	114.5	109.2	76.8	24.6	.0	.0	466
1995	.0	.0	.0	.0	54.1	107.9	119.7	104.9	82.1	18.2	.0	.0	487
1996	.0	.0	.0	.0	28.8	91.4	96.8	92.6	51.6	14.4	.0	.0	376
1997	.0	.0	.0	.0	35.0	83.7	116.6	86.0	52.2	14.5	.0	.0	388
1998	.0	.0	.0	29.9	33.7	92.3	127.1	133.1	63.9	27.6	.0	.0	508
1999	.0	.0	.0	29.4	31.2	99.2	126.6	115.6	75.5	29.9	.0	.0	507
2000	.0	.0	.0	.0	30.6	79.0	110.1	91.4	58.9	29.7	.0	.0	400
MIN	.0	.0	.0	.0	20.8	63.3	95.1	85.4	47.3	.0	.0	.0	341
MAX	.0	.0	.0	38.9	54.1	115.8	144.6	134.2	82.1	32.4	.0	.0	527
MEAN	.0	.0	.0	6.0	36.7	93.3	117.7	103.9	64.1	23.0	.0	.0	445

GROSS EVAPORATION (mm) -- GRANDE PRAIRIE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	.0	.0	.0	40.6	108.0	146.6	139.5	136.7	80.9	55.0	.0	.0	707
1943	.0	.0	.0	38.0	103.2	117.4	167.7	165.3	125.4	48.8	.0	.0	766
1944	.0	.0	.0	54.7	145.0	125.5	193.3	160.8	97.5	46.7	.0	.0	823
1945	.0	.0	.0	42.0	129.1	155.9	194.5	180.4	102.5	51.1	.0	.0	855
1946	.0	.0	.0	46.3	123.4	136.8	176.4	167.1	98.8	47.3	.0	.0	796
1947	.0	.0	.0	34.4	135.8	142.8	146.1	125.3	100.8	43.5	.0	.0	729
1948	.0	.0	.0	.0	111.9	155.3	140.3	110.7	86.6	53.3	.0	.0	658
1949	.0	.0	.0	44.5	107.3	147.5	149.1	133.3	104.2	50.4	11.2	.0	748
1950	.0	.0	.0	37.0	134.5	146.6	159.1	127.9	96.0	37.9	.0	.0	739
1951	.0	.0	.0	44.0	118.9	153.4	132.5	127.0	96.8	34.1	.0	.0	707
1952	.0	.0	.0	52.6	137.2	140.3	160.5	133.8	89.7	50.2	.0	.0	764
1953	.0	.0	.0	42.8	116.2	114.5	145.1	130.2	102.8	48.7	.0	.0	700
1954	.0	.0	.0	.0	114.2	153.4	174.7	111.9	88.8	56.6	.0	.0	700
1955	.0	.0	.0	49.7	130.1	183.8	153.2	173.3	108.5	56.6	.0	.0	855
1956	.0	.0	.0	50.7	161.9	155.0	178.5	169.6	98.7	56.5	.0	.0	871
1957	.0	.0	.0	48.0	130.1	151.8	168.1	131.8	123.9	44.0	.0	.0	798
1958	.0	.0	.0	47.6	163.5	137.4	187.8	181.7	99.5	61.0	.0	.0	879
1959	.0	.0	.0	58.6	139.3	144.6	211.0	160.7	105.8	44.8	.0	.0	865
1960	.0	.0	.0	71.2	126.6	165.2	195.1	166.7	124.9	49.6	.0	.0	899
1961	.0	.0	.0	65.6	122.4	150.0	147.9	190.8	106.8	57.8	.0	.0	841
1962	.0	.0	.0	54.7	118.9	180.3	151.1	144.0	96.9	50.6	.0	.0	797
1963	.0	.0	.0	40.7	134.1	180.6	176.5	152.1	92.2	52.3	.0	.0	828
1964	.0	.0	.0	64.5	139.8	153.0	150.9	131.7	89.4	56.0	.0	.0	785
1965	.0	.0	.0	36.4	134.3	163.8	161.1	144.6	83.2	57.0	.0	.0	780
1966	.0	.0	.0	40.5	152.2	160.6	145.4	140.6	100.8	65.1	.0	.0	805
1967	.0	.0	.0	41.9	144.0	160.8	206.0	181.8	129.3	54.2	.0	.0	918
1968	.0	.0	.0	61.5	124.0	158.8	155.8	123.1	101.7	50.1	.0	.0	775
1969	.0	.0	.0	43.4	143.5	148.5	183.6	164.7	71.9	40.6	.0	.0	796
1970	.0	.0	.0	57.3	156.5	179.9	205.9	195.6	121.9	57.4	.0	.0	975
1971	.0	.0	.0	47.6	173.6	140.5	149.7	134.4	95.7	51.0	.0	.0	792
1972	.0	.0	.0	49.1	155.0	163.7	149.5	135.8	87.8	52.0	.0	.0	793
1973	.0	.0	.0	44.1	152.9	168.2	197.6	175.9	94.5	48.9	.0	.0	882
1974	.0	.0	.0	40.5	116.3	202.4	159.1	136.2	97.9	54.3	.0	.0	807
1975	.0	.0	.0	40.8	141.4	172.0	177.1	158.1	104.8	44.0	.0	.0	838
1976	.0	.0	.0	47.8	148.7	116.3	148.9	112.3	89.5	49.0	.0	.0	712
1977	.0	.0	.0	67.7	116.6	161.8	134.5	111.2	87.9	57.1	.0	.0	737
1978	.0	.0	.0	45.6	124.9	173.9	172.1	139.1	79.7	65.5	.0	.0	801
1979	.0	.0	.0	37.4	127.2	158.4	148.7	150.4	99.0	48.1	.0	.0	769
1980	.0	.0	.0	58.1	131.3	131.7	165.8	133.7	79.8	54.5	.0	.0	755
1981	.0	.0	.0	52.2	124.4	150.3	170.9	181.6	96.9	50.0	.0	.0	826
1982	.0	.0	.0	44.7	124.0	148.4	128.4	117.7	87.1	56.0	.0	.0	706
1983	.0	.0	.0	53.6	146.8	139.5	133.6	151.7	101.9	52.2	.0	.0	779
1984	.0	.0	.0	61.0	117.7	145.4	187.7	153.5	83.3	41.7	.0	.0	790
1985	.0	.0	.0	74.9	151.5	175.1	192.8	147.2	91.3	47.2	.0	.0	880
1986	.0	.0	.0	52.2	110.8	179.0	145.7	163.0	76.4	49.9	.0	.0	777
1987	.0	.0	.0	68.7	149.5	184.7	154.8	129.4	118.2	66.6	.0	.0	872
1988	.0	.0	.0	69.1	149.1	142.2	165.5	156.3	111.0	54.0	.0	.0	847
1989	.0	.0	.0	57.8	142.0	133.6	122.5	96.9	84.8	41.0	.0	.0	679
1990	.0	.0	.0	47.9	112.7	146.1	136.5	157.6	113.5	44.1	.0	.0	758
1991	.0	.0	.0	53.0	127.1	133.8	170.4	145.4	101.7	50.7	.0	.0	782
1992	.0	.0	.0	56.3	137.8	156.5	152.2	167.6	98.4	50.1	.0	.0	819
1993	.0	.0	.0	47.4	132.9	160.8	125.7	115.2	102.3	47.7	.0	.0	732
1994	.0	.0	.0	53.5	137.1	142.7	136.5	113.5	95.7	43.7	.0	.0	723
1995	.0	.0	.0	45.4	135.8	132.5	131.7	126.5	101.5	47.0	.0	.0	720
1996	.0	.0	.0	43.3	104.6	143.4	155.3	149.0	79.3	44.7	.0	.0	720
1997	.0	.0	.0	57.1	132.0	165.0	150.6	115.8	82.9	35.9	.0	.0	739
1998	.0	.0	.0	63.9	140.8	138.6	169.0	180.5	110.7	42.2	.0	.0	846
1999	.0	.0	.0	51.0	138.9	152.9	179.9	165.9	108.6	65.8	.0	.0	863
2000	.0	.0	.0	65.2	133.6	167.5	174.6	137.9	108.1	44.7	.0	.0	832
MIN	.0	.0	.0	.0	103.2	114.5	122.5	96.9	71.9	34.1	.0	.0	658
MAX	.0	.0	.0	74.9	173.6	202.4	211.0	195.6	129.3	66.6	11.2	.0	975
MEAN	.0	.0	.0	49.3	132.9	153.2	161.8	146.1	98.2	50.5	.2	.0	792

GROSS EVAPORATION (mm) -- HIGH LEVEL

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	.0	.0	.0	.0	26.9	85.8	113.0	105.9	69.0	19.3	.0	.0	420
1968	.0	.0	.0	.0	29.2	79.9	91.1	87.4	50.3	22.1	.0	.0	360
1969	.0	.0	.0	.0	30.5	69.9	109.9	96.7	52.4	.0	.0	.0	359
1970	.0	.0	.0	.0	31.4	97.5	131.0	103.0	51.9	19.4	.0	.0	434
1971	.0	.0	.0	.0	38.3	91.0	107.1	106.0	67.9	30.0	.0	.0	440
1972	.0	.0	.0	.0	39.2	93.9	114.7	98.6	54.0	.0	.0	.0	400
1973	.0	.0	.0	.0	38.0	75.3	103.1	98.9	59.6	21.0	.0	.0	396
1974	.0	.0	.0	.0	34.5	89.7	109.5	80.0	51.9	.0	.0	.0	366
1975	.0	.0	.0	.0	34.4	72.8	100.2	90.1	50.6	18.3	.0	.0	366
1976	.0	.0	.0	27.7	42.4	84.3	106.0	84.6	71.5	24.8	.0	.0	441
1977	.0	.0	.0	28.6	27.9	84.9	96.5	98.4	59.4	28.8	.0	.0	424
1978	.0	.0	.0	.0	33.8	86.2	109.8	92.1	50.3	20.9	.0	.0	393
1979	.0	.0	.0	.0	35.1	81.5	105.3	80.2	46.4	13.9	.0	.0	362
1980	.0	.0	.0	31.8	35.3	88.1	107.2	95.7	55.5	27.3	.0	.0	441
1981	.0	.0	.0	.0	39.4	91.3	120.4	118.1	65.7	.0	.0	.0	435
1982	.0	.0	.0	.0	36.9	98.3	131.2	84.9	60.8	19.5	.0	.0	432
1983	.0	.0	.0	.0	37.7	88.3	110.2	95.7	60.9	22.1	.0	.0	415
1984	.0	.0	.0	25.8	31.6	86.7	109.2	101.3	61.3	.0	.0	.0	416
1985	.0	.0	.0	.0	38.1	101.5	111.8	90.4	64.3	.0	.0	.0	406
1986	.0	.0	.0	.0	35.8	101.9	116.4	103.1	61.5	21.5	.0	.0	440
1987	.0	.0	.0	.0	36.3	87.5	103.1	86.9	57.8	19.2	.0	.0	391
1988	.0	.0	.0	.0	28.7	79.3	109.5	88.3	65.5	20.7	.0	.0	392
1989	.0	.0	.0	.0	38.1	82.2	110.0	104.5	68.1	24.0	.0	.0	427
1990	.0	.0	.0	.0	40.1	100.0	133.4	115.8	71.3	.0	.0	.0	461
1991	.0	.0	.0	24.0	38.0	95.6	107.9	95.9	65.4	.0	.0	.0	427
1992	.0	.0	.0	.0	32.3	84.5	103.0	103.7	56.0	22.7	.0	.0	402
1993	.0	.0	.0	.0	40.8	107.1	109.6	78.2	65.4	15.8	.0	.0	417
1994	.0	.0	.0	.0	34.2	101.3	114.2	93.1	61.0	19.1	.0	.0	423
1995	.0	.0	.0	.0	50.3	107.1	96.3	94.7	72.2	12.7	.0	.0	433
1996	.0	.0	.0	.0	37.2	101.7	105.4	81.6	54.8	.0	.0	.0	381
1997	.0	.0	.0	.0	34.0	89.4	92.8	86.1	51.3	.0	.0	.0	354
1998	.0	.0	.0	27.0	29.5	85.8	134.2	107.4	60.6	21.1	.0	.0	466
1999	.0	.0	.0	.0	34.8	98.9	113.3	98.1	71.8	24.8	.0	.0	442
2000	.0	.0	.0	.0	46.8	101.0	115.2	100.2	60.9	24.2	.0	.0	448
MIN	.0	.0	.0	.0	26.9	69.9	91.1	78.2	46.4	.0	.0	.0	354
MAX	.0	.0	.0	31.8	50.3	107.1	134.2	118.1	72.2	30.0	.0	.0	466
MEAN	.0	.0	.0	4.9	35.8	90.3	110.3	95.5	60.2	15.1	.0	.0	412

GROSS EVAPORATION (mm) -- JASPER

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	.0	.0	.0	48.2	87.0	128.3	136.4	128.0	91.9	48.4	.0	.0	668
1963	.0	.0	.0	42.0	103.6	124.0	146.6	134.4	97.4	43.8	.0	.0	692
1964	.0	.0	.0	44.3	96.3	118.8	150.1	132.6	84.6	51.7	.0	.0	678
1965	.0	.0	.0	41.8	90.3	119.8	124.4	125.6	76.4	47.5	.0	.0	626
1966	.0	.0	.0	41.1	107.1	124.7	124.2	92.7	65.7	41.7	.0	.0	597
1967	.0	.0	.0	49.2	100.6	128.4	151.3	153.7	116.1	42.5	.0	.0	742
1968	.0	.0	.0	46.6	102.5	125.9	149.1	96.7	90.8	49.4	.0	.0	661
1969	.0	.0	.0	49.4	107.0	153.1	135.1	129.3	73.6	45.2	.0	.0	693
1970	.0	.0	.0	46.6	118.5	149.0	169.8	162.3	93.3	54.4	.0	.0	794
1971	.0	.0	.0	45.8	108.3	108.3	135.4	151.4	81.6	49.0	.0	.0	680
1972	.0	.0	.0	50.5	105.4	126.6	135.2	127.7	78.7	48.6	.0	.0	673
1973	.0	.0	.0	42.8	106.9	128.3	162.4	142.9	93.4	38.5	.0	.0	715
1974	.0	.0	.0	47.6	92.9	141.1	148.0	135.4	92.5	47.2	.0	.0	705
1975	.0	.0	.0	47.0	103.2	121.0	168.6	122.3	105.4	43.2	.0	.0	711
1976	.0	.0	.0	46.9	103.8	121.6	146.7	114.1	80.3	45.0	.0	.0	658
1977	.0	.0	.0	49.1	89.2	121.0	116.8	111.4	65.5	43.0	.0	.0	596
1978	.0	.0	.0	45.3	100.6	126.3	140.7	126.9	66.6	48.9	.0	.0	655
1979	.0	.0	.0	45.2	99.2	128.3	164.1	148.5	92.8	48.8	.0	.0	727
1980	.0	.0	.0	60.0	102.9	115.2	140.4	118.1	83.7	44.0	.0	.0	664
1981	.0	.0	.0	49.9	98.5	133.7	137.3	146.8	90.9	44.4	.0	.0	702
1982	.0	.0	.0	47.2	87.0	130.4	131.0	113.8	83.2	46.5	.0	.0	639
1983	.0	.0	.0	47.4	110.6	117.7	139.9	150.8	85.2	46.1	.0	.0	698
1984	.0	.0	.0	47.7	97.3	125.7	164.7	142.3	80.3	7.3	.0	.0	665
1985	.0	.0	.0	46.6	112.6	130.3	193.7	136.1	80.2	43.2	.0	.0	743
1986	.0	.0	.0	47.2	103.3	146.9	131.3	153.3	79.9	51.8	.0	.0	714
1987	.0	.0	.0	50.0	93.2	134.1	138.6	104.8	91.2	50.1	.0	.0	662
1988	.0	.0	.0	47.2	104.3	129.1	150.7	119.8	87.5	47.1	.0	.0	686
1989	.0	.0	.0	43.4	92.7	122.8	134.1	100.9	77.7	37.4	.0	.0	609
1990	.0	.0	.0	47.6	87.8	116.6	135.2	128.4	93.8	39.4	.0	.0	649
1991	.0	.0	.0	47.4	96.6	118.1	135.5	125.3	86.1	49.6	.0	.0	658
1992	.0	.0	25.7	48.9	110.2	148.6	130.3	128.2	85.8	38.1	.0	.0	716
1993	.0	.0	.0	44.1	96.2	110.8	115.6	105.9	83.2	40.8	.0	.0	596
1994	.0	.0	.0	47.4	97.5	106.0	148.6	117.4	89.6	38.0	.0	.0	644
1995	.0	.0	.0	44.9	104.3	120.4	112.8	91.1	82.7	31.7	.0	.0	588
1996	.0	.0	.0	39.6	84.0	110.1	137.0	124.8	66.5	35.3	.0	.0	597
1997	.0	.0	.0	44.2	84.9	103.5	114.6	102.4	66.1	33.8	.0	.0	549
1998	.0	.0	.0	42.7	92.2	101.9	130.3	125.8	83.2	36.5	.0	.0	613
1999	.0	.0	.0	44.6	88.9	111.2	131.7	118.1	79.9	39.7	.0	.0	614
2000	.0	.0	.0	45.8	81.7	117.2	123.4	113.1	75.2	34.1	.0	.0	590
MIN	.0	.0	.0	39.6	81.7	101.9	112.8	91.1	65.5	7.3	.0	.0	549
MAX	.0	.0	25.7	60.0	118.5	153.1	193.7	162.3	116.1	54.4	.0	.0	794
MEAN	.0	.0	.7	46.5	98.7	124.2	140.5	125.7	84.1	42.9	.0	.0	663

GROSS EVAPORATION (mm) -- LETHBRIDGE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	.0	.0	.0	62.2	131.8	163.8	206.7	186.7	135.0	62.2	.0	.0	948
1939	.0	.0	.0	87.0	193.1	136.0	249.2	236.3	146.7	76.5	34.6	.0	1159
1940	.0	.0	.0	46.5	154.6	182.3	201.4	235.3	107.0	64.0	.0	.0	991
1941	.0	.0	.0	68.7	167.2	179.4	226.3	171.5	118.2	77.4	32.9	.0	1042
1942	.0	.0	.0	73.1	120.4	153.2	186.4	152.4	110.7	87.7	.0	.0	884
1943	.0	.0	.0	80.5	148.7	177.8	268.7	229.1	179.3	68.1	30.8	.0	1183
1944	.0	.0	.0	70.4	134.5	218.8	210.6	142.9	155.0	86.0	.0	.0	1018
1945	.0	.0	.0	53.3	124.7	143.4	212.0	207.1	121.4	78.6	.0	.0	940
1946	.0	.0	34.5	90.6	130.6	152.7	221.5	202.9	132.7	63.7	.0	.0	1029
1947	.0	.0	.0	63.8	144.1	125.6	273.7	171.1	125.3	68.4	.0	.0	972
1948	.0	.0	.0	43.4	125.7	126.1	183.5	208.3	164.7	93.6	.0	.0	945
1949	.0	.0	.0	102.3	143.0	157.6	219.3	202.2	166.3	59.6	38.6	.0	1089
1950	.0	.0	.0	59.3	156.0	119.6	191.6	180.0	159.2	63.5	.0	.0	929
1951	.0	.0	.0	67.6	152.0	141.5	172.3	129.7	98.2	39.3	.0	.0	801
1952	.0	.0	.0	84.7	137.8	182.2	191.9	172.2	139.0	76.7	.0	.0	985
1953	.0	.0	.0	42.7	148.5	158.5	190.4	208.9	149.8	104.5	40.4	.0	1044
1954	.0	.0	.0	63.0	150.4	192.9	246.6	153.9	110.2	84.3	42.9	.0	1044
1955	.0	.0	.0	72.4	145.4	201.0	183.5	235.1	145.9	95.4	.0	.0	1079
1956	.0	.0	.0	68.6	138.2	227.9	173.6	171.9	135.7	87.5	38.4	.0	1042
1957	.0	.0	.0	58.0	136.3	167.6	270.4	178.5	138.6	51.5	.0	.0	1001
1958	.0	.0	.0	56.1	171.7	152.6	180.2	233.6	166.2	100.3	.0	.0	1061
1959	.0	.0	.0	77.3	139.1	207.8	246.9	233.2	128.0	76.7	.0	.0	1109
1960	.0	.0	.0	87.7	170.8	227.8	279.5	229.8	180.2	105.0	.0	.0	1281
1961	.0	.0	.0	71.2	137.1	252.0	223.2	253.8	146.3	89.3	.0	.0	1173
1962	.0	.0	.0	104.2	137.5	206.9	220.7	265.6	154.4	95.4	36.1	.0	1221
1963	.0	.0	.0	73.0	160.1	209.5	220.7	186.4	148.9	105.6	.0	.0	1104
1964	.0	.0	.0	79.0	180.9	187.5	276.5	251.8	132.7	102.8	.0	.0	1211
1965	.0	.0	.0	57.4	183.3	171.6	205.2	199.4	106.7	126.0	.0	.0	1050
1966	.0	.0	.0	70.1	179.5	177.9	209.0	202.2	154.0	91.4	.0	.0	1084
1967	.0	.0	.0	46.4	139.6	149.7	259.5	206.3	200.4	102.4	.0	.0	1104
1968	.0	.0	39.0	74.3	139.8	188.2	199.5	162.0	132.0	81.8	.0	.0	1017
1969	.0	.0	.0	69.3	150.3	141.0	186.1	256.9	150.8	60.7	54.5	.0	1070
1970	.0	.0	.0	66.9	157.6	217.4	245.6	228.2	160.3	79.4	.0	.0	1155
1971	.0	.0	.0	68.5	152.4	204.7	235.9	256.4	141.8	73.2	.0	.0	1133
1972	.0	.0	.0	78.5	137.3	219.7	173.7	186.2	132.5	76.5	.0	.0	1004
1973	.0	.0	37.3	58.5	190.0	235.1	250.9	228.6	129.0	82.1	.0	.0	1212
1974	.0	.0	.0	62.4	133.3	236.4	239.5	164.3	140.0	98.3	.0	.0	1074
1975	.0	.0	.0	38.6	138.8	181.8	190.9	169.8	118.6	66.7	.0	.0	905
1976	.0	.0	.0	68.2	187.2	177.6	219.7	197.6	151.5	76.5	.0	.0	1078
1977	.0	.0	.0	95.2	174.0	214.5	239.4	152.5	106.9	91.4	.0	.0	1074
1978	.0	.0	.0	39.5	143.9	197.4	180.5	196.1	138.3	92.8	.0	.0	989
1979	.0	.0	.0	48.6	143.7	224.1	242.3	183.3	167.2	82.3	.0	.0	1092
1980	.0	.0	.0	88.4	168.6	177.2	246.1	185.2	163.0	84.3	49.5	.0	1162
1981	.0	.0	32.7	104.1	125.2	196.0	178.3	159.8	155.6	72.1	40.3	.0	1064
1982	.0	.0	.0	79.3	164.6	149.3	227.1	217.7	151.8	84.1	.0	.0	1074
1983	.0	.0	.0	66.8	170.1	205.9	253.8	256.0	177.3	94.3	.0	.0	1224
1984	.0	.0	.0	78.1	193.2	196.9	247.3	243.6	116.7	68.5	.0	.0	1144
1985	.0	.0	.0	86.5	173.7	221.3	259.4	193.7	117.0	94.7	.0	.0	1146
1986	.0	.0	38.6	87.5	188.1	180.8	201.1	185.8	88.3	69.0	.0	.0	1039
1987	.0	.0	.0	97.2	184.0	224.5	180.1	153.0	139.7	89.0	33.7	.0	1101
1988	.0	.0	44.2	114.7	228.5	237.0	256.8	204.1	151.5	85.0	.0	.0	1322
1989	.0	.0	.0	67.2	168.2	177.9	200.7	172.4	136.9	81.7	.0	.0	1005
1990	.0	.0	37.0	66.3	125.1	205.2	172.6	187.4	171.0	92.5	.0	.0	1057
1991	.0	.0	.0	86.7	136.2	191.9	200.8	192.1	135.6	84.6	.0	.0	1028
1992	.0	.0	33.5	92.9	177.7	148.3	132.3	165.2	137.3	61.0	.0	.0	948
1993	.0	.0	.0	59.9	139.7	169.9	143.3	141.0	113.5	73.5	.0	.0	841
1994	.0	.0	51.2	72.7	148.9	171.5	186.9	174.3	165.8	76.0	.0	.0	1047
1995	.0	.0	.0	56.3	113.9	139.3	166.2	173.3	113.8	78.5	.0	.0	841
1996	.0	.0	.0	77.9	122.1	214.7	216.9	276.6	137.7	80.4	.0	.0	1126
1997	.0	.0	.0	70.1	156.9	170.7	210.0	203.4	188.0	88.6	.0	.0	1088
1998	.0	.0	.0	65.3	157.7	129.8	164.1	220.8	154.5	80.4	.0	.0	973
1999	.0	.0	.0	78.5	165.0	185.0	215.5	196.5	146.7	90.0	35.2	.0	1112
2000	.0	.0	.0	86.0	200.7	209.2	273.9	231.9	148.9	77.3	.0	.0	1228
MIN	.0	.0	.0	38.6	113.9	119.6	132.3	129.7	88.3	39.3	.0	.0	801
MAX	.0	.0	51.2	114.7	228.5	252.0	279.5	276.6	200.4	126.0	54.5	.0	1322
MEAN	.0	.0	5.5	71.9	154.6	184.0	214.9	199.3	141.8	81.8	8.1	.0	1062

GROSS EVAPORATION (mm) -- LLOYDMINSTER

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	.0	.0	.0	52.9	134.0	150.5	140.2	128.0	110.6	53.3	.0	.0	770
1983	.0	.0	.0	57.7	142.5	158.7	144.2	156.0	105.1	59.8	.0	.0	824
1984	.0	.0	.0	64.9	135.0	152.4	188.6	177.7	89.5	54.8	.0	.0	863
1985	.0	.0	.0	51.1	131.5	143.3	162.4	146.5	94.0	57.1	.0	.0	786
1986	.0	.0	.0	56.4	123.0	150.1	123.0	142.6	86.4	52.3	.0	.0	734
1987	.0	.0	.0	58.0	141.4	178.8	134.9	124.3	115.4	70.2	.0	.0	823
1988	.0	.0	.0	78.8	171.7	156.0	161.7	139.1	105.1	55.3	.0	.0	868
1989	.0	.0	.0	56.1	129.5	140.3	145.1	121.0	103.4	59.3	.0	.0	755
1990	.0	.0	.0	56.6	138.6	163.1	149.6	146.5	130.7	59.5	.0	.0	845
1991	.0	.0	.0	57.6	108.9	139.5	167.9	171.5	125.2	54.9	.0	.0	825
1992	.0	.0	.0	61.0	129.6	166.9	154.7	166.4	117.4	63.1	.0	.0	859
1993	.0	.0	.0	38.8	148.6	163.8	138.8	129.9	111.0	59.0	.0	.0	790
1994	.0	.0	.0	61.1	145.5	137.1	151.2	134.4	135.2	55.1	.0	.0	820
1995	.0	.0	.0	48.2	133.9	151.9	168.2	136.1	133.4	60.8	.0	.0	832
1996	.0	.0	.0	38.5	92.2	130.4	131.7	167.2	91.4	46.8	.0	.0	698
1997	.0	.0	.0	44.6	123.9	115.6	167.9	154.1	118.1	47.8	.0	.0	772
1998	.0	.0	.0	70.7	163.5	141.8	154.8	191.3	117.0	48.2	.0	.0	887
1999	.0	.0	.0	59.1	121.7	150.8	143.4	129.4	119.6	68.5	.0	.0	792
2000	.0	.0	.0	56.8	132.9	158.2	120.2	135.6	106.7	64.6	.0	.0	775
MIN	.0	.0	.0	38.5	92.2	115.6	120.2	121.0	86.4	46.8	.0	.0	698
MAX	.0	.0	.0	78.8	171.7	178.8	188.6	191.3	135.2	70.2	.0	.0	887
MEAN	.0	.0	.0	56.3	134.1	150.0	149.9	147.2	111.3	57.4	.0	.0	806

GROSS EVAPORATION (mm) -- MEDICINE HAT

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	16.2	47.8	139.7	167.0	180.3	124.6	81.8	36.9	.0	.0	794
1912	.0	.0	.0	37.1	133.8	170.4	164.3	145.7	89.6	45.7	11.1	.0	798
1913	.0	.0	.0	63.2	109.2	154.6	216.4	185.9	113.8	40.1	8.5	.0	892
1914	.0	.0	.0	55.2	184.8	186.3	258.4	180.7	120.9	30.5	12.2	.0	1029
1915	.0	.0	.0	60.6	146.8	155.1	159.0	156.3	80.2	60.3	.0	.0	818
1916	.0	.0	.0	56.6	131.1	153.9	174.4	149.5	94.2	40.5	.0	.0	800
1917	.0	.0	.0	36.5	148.9	195.1	236.7	148.5	95.9	44.0	3.6	.0	909
1918	.0	.0	.0	63.7	155.4	201.7	206.6	177.5	108.8	47.6	.0	.0	961
1919	.0	.0	.0	64.9	213.0	192.1	270.2	194.0	135.1	48.1	.0	.0	1117
1920	.0	.0	.0	50.1	159.7	203.0	204.7	223.8	151.3	49.8	.0	.0	1042
1921	.0	.0	.0	49.3	155.5	195.3	259.6	228.6	130.4	57.0	.0	.0	1076
1922	.0	.0	.0	57.2	148.3	180.9	178.3	199.1	137.3	47.9	.0	.0	949
1923	.0	.0	.0	52.6	196.4	150.2	166.5	155.0	126.4	65.5	11.0	.0	924
1924	.0	.0	.0	65.8	172.5	172.4	251.1	180.4	110.6	47.6	.0	.0	1000
1925	.0	.0	.0	47.8	158.3	183.1	224.7	194.4	106.3	46.3	.0	.0	961
1926	.0	.0	27.2	53.4	188.0	217.4	218.2	174.5	101.3	51.1	.0	.0	1031
1927	.0	.0	.0	42.4	158.1	169.7	168.8	163.9	111.5	43.9	.0	.0	858
1928	.0	.0	.0	77.5	160.3	179.0	210.3	193.2	107.4	45.0	23.4	.0	996
1929	.0	.0	.0	66.4	170.3	219.5	262.1	209.4	99.6	52.2	.0	.0	1079
1930	.0	.0	.0	60.7	161.9	177.3	186.5	169.4	114.5	50.1	.0	.0	920
1931	.0	.0	.0	92.1	199.6	212.1	266.1	205.1	136.6	90.9	.0	.0	1202
1932	.0	.0	.0	64.6	139.7	166.0	247.4	201.4	120.5	56.2	.0	.0	996
1933	.0	.0	.0	60.9	130.7	212.2	271.1	202.3	142.6	58.5	.0	.0	1078
1934	.0	.0	.0	92.9	210.9	175.5	245.6	225.7	122.6	68.8	.0	.0	1142
1935	.0	.0	.0	51.6	141.1	201.3	249.6	225.8	166.4	70.3	.0	.0	1106
1936	.0	.0	.0	48.9	172.5	189.5	284.5	218.6	135.0	70.0	.0	.0	1119
1937	.0	.0	.0	71.0	165.5	212.2	246.1	223.4	131.9	60.4	.0	.0	1111
1938	.0	.0	.0	53.8	116.1	136.4	198.4	186.4	121.9	56.0	.0	.0	869
1939	.0	.0	.0	71.3	163.4	128.7	241.2	224.8	145.7	64.3	21.1	.0	1061
1940	.0	.0	.0	36.8	147.4	178.3	179.2	217.2	107.9	42.7	.0	.0	909
1941	.0	.0	.0	62.8	141.4	147.9	176.5	165.8	92.3	60.3	.0	.0	847
1942	.0	.0	.0	49.4	123.7	137.4	175.2	144.0	101.3	61.2	.0	.0	792
1943	.0	.0	.0	77.4	130.0	166.0	256.1	212.7	147.8	71.0	.0	.0	1061
1944	.0	.0	.0	75.0	155.4	155.1	221.9	177.7	124.3	68.1	.0	.0	978
1945	.0	.0	.0	50.3	128.7	154.0	220.8	191.8	107.6	48.9	.0	.0	902
1946	.0	.0	23.8	85.6	118.4	154.5	227.0	166.9	103.3	47.6	.0	.0	927
1947	.0	.0	.0	44.6	124.1	115.5	228.2	154.7	101.2	60.1	.0	.0	828
1948	.0	.0	.0	37.7	121.1	135.9	197.4	197.4	130.2	72.4	.0	.0	892
1949	.0	.0	.0	74.5	141.3	178.5	216.9	211.7	138.6	52.8	25.3	.0	1040
1950	.0	.0	.0	56.0	142.7	164.6	201.0	152.9	126.0	53.2	.0	.0	896
1951	.0	.0	.0	50.7	115.8	122.6	165.3	150.6	97.5	39.4	.0	.0	742
1952	.0	.0	.0	65.5	128.7	160.1	171.3	169.4	125.5	75.7	.0	.0	896
1953	.0	.0	.0	42.5	139.0	147.7	207.4	214.7	146.8	93.3	38.0	.0	1029
1954	.0	.0	.0	49.6	146.0	169.8	217.4	160.6	107.9	80.9	34.0	.0	966
1955	.0	.0	.0	61.6	135.1	171.4	163.8	212.9	128.8	82.4	.0	.0	956
1956	.0	.0	.0	58.7	128.2	194.8	172.2	170.8	130.7	77.9	.0	.0	933
1957	.0	.0	.0	54.4	146.1	153.5	244.9	164.7	132.8	46.7	.0	.0	943
1958	.0	.0	.0	62.1	172.1	167.2	192.4	221.4	147.9	81.5	.0	.0	1044
1959	.0	.0	.0	84.1	135.3	194.7	234.5	201.9	133.0	58.9	.0	.0	1042
1960	.0	.0	.0	82.6	155.3	187.0	254.4	206.0	151.7	89.9	.0	.0	1127
1961	.0	.0	27.5	56.1	134.8	257.1	222.8	226.6	139.3	72.6	.0	.0	1137
1962	.0	.0	.0	90.2	129.7	184.6	187.8	213.4	132.6	77.7	31.9	.0	1048
1963	.0	.0	38.0	74.1	159.7	172.5	202.4	182.3	148.2	95.3	.0	.0	1072
1964	.0	.0	.0	63.1	177.3	177.0	235.6	229.7	122.1	77.2	.0	.0	1082
1965	.0	.0	.0	49.3	159.6	164.5	175.6	182.1	96.2	80.1	.0	.0	907
1966	.0	.0	.0	58.6	168.6	153.7	207.5	198.7	142.4	72.5	.0	.0	1002
1967	.0	.0	.0	41.7	130.2	145.1	233.1	204.8	177.4	70.6	.0	.0	1003
1968	.0	.0	34.9	69.6	143.7	154.9	175.3	179.9	128.7	76.6	.0	.0	964
1969	.0	.0	.0	61.1	140.4	156.1	192.3	240.8	134.2	49.2	.0	.0	974
1970	.0	.0	.0	55.9	141.5	187.1	194.9	224.0	145.9	72.1	.0	.0	1021
1971	.0	.0	.0	69.0	164.8	181.4	232.3	259.6	141.0	70.3	.0	.0	1118
1972	.0	.0	.0	92.1	151.4	214.6	198.5	205.1	127.6	71.5	.0	.0	1061
1973	.0	.0	40.6	59.3	171.0	203.5	249.3	236.5	130.4	85.2	.0	.0	1176
1974	.0	.0	.0	62.4	125.2	221.7	255.6	174.6	138.0	94.7	.0	.0	1072
1975	.0	.0	.0	37.2	126.7	161.3	199.9	174.7	125.6	70.0	.0	.0	896
1976	.0	.0	.0	76.1	195.3	182.9	219.2	234.2	163.9	78.7	.0	.0	1150
1977	.0	.0	.0	110.7	175.5	243.5	255.9	193.5	113.5	86.9	.0	.0	1180
1978	.0	.0	.0	51.0	149.0	182.7	209.7	202.0	143.3	80.9	.0	.0	1019
1979	.0	.0	.0	49.1	141.1	195.4	223.8	210.5	163.4	79.6	.0	.0	1063
1980	.0	.0	.0	101.5	183.9	161.9	211.0	181.3	137.5	62.5	27.6	.0	1067
1981	.0	.0	26.1	88.6	130.9	167.0	199.1	210.0	159.4	62.8	28.9	.0	1073
1982	.0	.0	.0	71.4	149.0	144.5	171.0	187.9	122.5	56.7	.0	.0	903
1983	.0	.0	.0	56.2	140.7	169.9	180.8	217.8	136.5	75.2	.0	.0	977
1984	.0	.0	.0	76.0	158.0	169.1	234.2	239.5	110.8	61.4	.0	.0	1049
1985	.0	.0	.0	65.6	148.9	200.7	248.0	180.3	104.2	73.7	.0	.0	1022
1986	.0	.0	22.0	69.1	129.4	180.2	173.3	197.5	80.4	51.8	.0	.0	904
1987	.0	.0	.0	76.1	157.0	202.5	178.5	157.8	115.5	76.4	21.1	.0	985
1988	.0	.0	33.6	96.7	198.2	213.4	244.2	196.8	136.8	73.1	.0	.0	1193
1989	.0	.0	.0	61.7	157.8	175.4	220.6	174.5	122.3	80.5	.0	.0	993
1990	.0	.0	.0	61.6	124.8	176.9	199.2	194.4	158.9	80.7	.0	.0	996
1991	.0	.0	.0	73.7	113.4	144.8	183.4	183.1	120.7	65.3	.0	.0	884
1992	.0	.0	35.6	79.3	154.5	171.7	147.2	168.8	120.8	58.5	.0	.0	936
1993	.0	.0	.0	48.5	133.8	156.9	120.1	125.6	94.9	52.8	.0	.0	733
1994	.0	.0	30.5	69.0	138.4	163.1	219.6	202.0	153.1	64.0	.0	.0	1040
1995	.0	.0	.0	56.2	127.1	160.8	183.5	188.1	117.1	65.0	.0	.0	898
1996	.0	.0	.0	60.1	105.3	180.2	200.1	231.6	104.7	57.5	.0	.0	939
1997	.0	.0	.0	71.2	153.4	169.8	207.3	190.8	157.5	75.1	.0	.0	1025
1998	.0	.0	.0	72.7	165.0	166.2	202.0	223.9	146.8	69.0	.0	.0	1046
1999	.0	.0	.0	71.4	131.4	150.1	186.4	167.6	119.4	68.6	25.8	.0	921
2000	.0	.0	.0	66.2	161.7	177.2	259.3	226.5	145.0	70.6	.0	.0	1107
MIN	.0	.0	.0	36.5	105.3	115.5	120.1	124.6	80.2	30.5	.0	.0	733
MAX	.0	.0	40.6	110.7	213.0	257.1	284.5	259.6	177.4	95.3	38.0	.0	1202
MEAN	.0	.0	4.0	63.3	149.5	175.1	211.2	192.8	125.6	64.1	3.6	.0	989

GROSS EVAPORATION (mm) -- PEACE RIVER

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	.0	.0	.0	60.8	130.7	127.3	178.2	142.8	87.9	38.2	.0	.0	766
1945	.0	.0	.0	36.5	123.8	137.5	172.7	143.7	92.4	44.4	.0	.0	751
1946	.0	.0	.0	39.6	111.2	108.0	139.9	145.6	92.4	42.2	.0	.0	679
1947	.0	.0	.0	28.5	102.7	111.7	114.4	100.5	73.4	40.1	.0	.0	571
1948	.0	.0	.0	.0	100.0	138.0	126.9	113.8	84.6	45.5	.0	.0	609
1949	.0	.0	.0	40.8	97.6	133.8	124.1	118.6	89.5	34.1	.0	.0	639
1950	.0	.0	.0	34.3	122.4	118.9	137.9	105.9	89.5	31.9	.0	.0	641
1951	.0	.0	.0	24.6	91.2	122.8	116.4	103.4	81.4	29.3	.0	.0	569
1952	.0	.0	.0	43.1	111.2	124.3	129.0	103.5	80.7	45.5	.0	.0	637
1953	.0	.0	.0	35.7	104.0	107.5	122.2	107.2	84.0	44.1	.0	.0	605
1954	.0	.0	.0	.0	102.9	130.4	138.7	95.2	74.4	47.0	.0	.0	589
1955	.0	.0	.0	26.7	121.2	179.4	185.8	176.8	108.4	46.2	.0	.0	845
1956	.0	.0	.0	42.3	141.2	150.6	160.0	157.8	78.4	33.9	.0	.0	764
1957	.0	.0	.0	29.5	109.2	130.6	169.7	125.1	99.7	27.9	.0	.0	692
1958	.0	.0	.0	30.2	121.5	132.7	165.3	168.3	92.0	44.0	.0	.0	754
1959	.0	.0	.0	52.0	116.6	124.1	154.2	121.0	93.9	42.7	.0	.0	704
1960	.0	.0	.0	62.3	127.1	133.1	159.0	140.7	98.0	42.3	.0	.0	762
1961	.0	.0	.0	55.2	121.5	147.9	137.9	166.5	96.1	47.8	.0	.0	773
1962	.0	.0	.0	42.7	98.6	138.2	135.0	123.2	83.3	47.6	.0	.0	669
1963	.0	.0	.0	44.2	121.7	160.2	166.6	122.8	86.8	57.1	.0	.0	759
1964	.0	.0	.0	53.2	120.4	146.2	132.8	113.7	93.7	47.9	.0	.0	708
1965	.0	.0	.0	41.4	125.7	163.9	173.2	150.3	88.4	60.2	.0	.0	803
1966	.0	.0	.0	41.8	154.3	146.0	122.9	130.1	95.3	53.8	.0	.0	744
1967	.0	.0	.0	37.7	129.0	154.6	174.8	166.7	110.8	46.1	.0	.0	820
1968	.0	.0	.0	54.3	125.4	136.8	141.7	122.1	87.8	47.6	.0	.0	716
1969	.0	.0	.0	45.9	125.7	163.1	166.0	174.1	78.7	41.0	.0	.0	794
1970	.0	.0	.0	51.4	129.4	138.8	166.7	157.1	106.9	49.4	.0	.0	800
1971	.0	.0	.0	53.5	151.8	136.1	139.3	145.8	104.6	57.0	.0	.0	788
1972	.0	.0	.0	48.7	144.8	162.7	147.9	136.8	95.2	54.6	.0	.0	791
1973	.0	.0	.0	44.0	136.9	138.5	146.6	130.8	89.9	42.6	.0	.0	729
1974	.0	.0	.0	48.2	119.6	172.1	144.5	117.8	95.7	55.6	.0	.0	753
1975	.0	.0	.0	46.7	122.5	134.2	143.1	130.2	86.2	40.6	.0	.0	704
1976	.0	.0	.0	57.0	135.9	127.6	151.0	113.5	95.6	49.9	.0	.0	730
1977	.0	.0	.0	70.7	131.0	143.4	131.5	114.6	87.6	54.5	.0	.0	733
1978	.0	.0	.0	50.2	124.8	159.8	175.5	134.0	79.8	63.5	.0	.0	788
1979	.0	.0	.0	37.5	122.4	127.7	143.5	121.6	89.7	44.6	.0	.0	687
1980	.0	.0	.0	76.4	138.1	147.4	161.6	137.3	81.9	55.7	.0	.0	798
1981	.0	.0	.0	49.9	136.3	152.0	178.2	195.3	109.4	45.8	.0	.0	867
1982	.0	.0	.0	51.3	137.2	187.1	168.4	123.1	94.8	51.8	.0	.0	814
1983	.0	.0	.0	51.0	119.6	127.2	128.9	143.5	91.1	52.8	.0	.0	714
1984	.0	.0	.0	59.3	124.1	158.3	162.8	136.5	83.2	39.8	.0	.0	764
1985	.0	.0	.0	66.4	149.6	159.6	168.7	136.8	86.0	38.4	.0	.0	806
1986	.0	.0	.0	51.3	122.7	179.2	132.9	154.0	90.2	48.7	.0	.0	779
1987	.0	.0	.0	69.7	155.0	165.9	156.6	122.9	113.4	63.1	.0	.0	847
1988	.0	.0	.0	73.3	133.6	151.6	168.8	154.0	114.9	52.8	.0	.0	849
1989	.0	.0	.0	60.3	137.8	147.8	150.8	112.2	93.0	49.1	.0	.0	751
1990	.0	.0	.0	53.6	133.6	145.3	149.8	151.8	114.4	38.9	.0	.0	787
1991	.0	.0	.0	63.2	136.9	136.0	165.4	155.3	92.1	49.9	.0	.0	799
1992	.0	.0	.0	60.5	144.5	139.6	137.2	150.2	93.5	52.4	.0	.0	778
1993	.0	.0	.0	51.8	139.7	162.4	130.9	114.9	102.3	50.2	.0	.0	752
1994	.0	.0	.0	65.3	146.6	158.3	146.0	135.3	112.7	49.6	.0	.0	814
1995	.0	.0	.0	48.0	136.0	162.8	146.6	134.3	116.8	47.3	.0	.0	792
1996	.0	.0	.0	42.8	113.6	137.3	131.0	129.3	79.3	40.4	.0	.0	674
1997	.0	.0	.0	45.5	109.6	138.8	145.7	121.7	98.3	47.3	.0	.0	707
1998	.0	.0	.0	72.6	149.9	155.6	189.9	192.6	118.4	59.9	.0	.0	939
1999	.0	.0	.0	62.4	138.2	154.9	182.6	174.7	110.6	62.8	.0	.0	886
2000	.0	.0	.0	66.5	121.8	145.2	142.4	117.6	92.6	49.5	.0	.0	736
MIN	.0	.0	.0	.0	91.2	107.5	114.4	95.2	73.4	27.9	.0	.0	569
MAX	.0	.0	.0	76.4	155.0	187.1	189.9	195.3	118.4	63.5	.0	.0	939
MEAN	.0	.0	.0	48.3	126.3	144.2	150.5	135.7	93.7	47.1	.0	.0	746

GROSS EVAPORATION (mm) -- PINCHER CREEK

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	.0	.0	.0	71.2	133.6	240.0	196.2	236.6	137.4	97.7	.0	.0	1113
1962	.0	.0	.0	95.4	132.2	208.5	219.8	249.3	167.8	112.0	43.9	.0	1229
1963	.0	.0	.0	71.5	147.5	183.5	213.2	202.0	164.4	110.4	.0	.0	1092
1964	.0	.0	.0	72.7	164.8	190.8	247.8	248.1	130.2	111.8	.0	.0	1166
1965	.0	.0	.0	58.4	155.3	156.1	190.2	189.2	98.4	130.8	.0	.0	978
1966	.0	.0	.0	61.0	164.2	156.6	189.5	185.4	141.4	96.0	.0	.0	994
1967	.0	.0	.0	45.6	139.0	133.9	238.4	213.6	187.3	100.8	.0	.0	1059
1968	.0	.0	37.0	76.1	130.1	162.9	176.0	150.6	127.7	84.3	.0	.0	945
1969	.0	.0	.0	67.2	126.5	113.1	169.0	238.9	136.7	61.9	51.9	.0	965
1970	.0	.0	.0	61.6	151.2	188.3	236.5	236.2	177.3	89.8	.0	.0	1141
1971	.0	.0	.0	73.2	133.9	196.4	223.4	243.2	149.1	87.2	.0	.0	1106
1972	.0	.0	.0	73.4	133.6	204.0	177.4	169.1	123.9	73.7	.0	.0	955
1973	.0	.0	.0	60.5	189.1	238.4	278.1	231.8	147.0	105.4	.0	.0	1250
1974	.0	.0	.0	75.3	152.1	218.5	239.2	161.6	135.9	109.6	.0	.0	1092
1975	.0	.0	.0	43.4	144.0	182.8	183.4	165.8	136.1	74.2	.0	.0	930
1976	.0	.0	.0	79.1	197.5	175.4	217.7	192.6	145.7	91.9	.0	.0	1100
1977	.0	.0	.0	105.0	185.2	232.1	268.5	158.4	126.0	110.7	.0	.0	1186
1978	.0	.0	.0	52.1	150.0	209.9	178.7	196.7	154.4	119.0	.0	.0	1061
1979	.0	.0	.0	53.8	141.6	219.9	233.3	192.9	178.7	89.0	.0	.0	1109
1980	.0	.0	.0	53.0	140.2	173.9	257.4	181.9	167.4	94.6	.0	.0	1068
1981	.0	.0	37.7	105.6	116.9	203.5	204.5	196.9	177.4	89.8	45.7	.0	1178
1982	.0	.0	.0	73.5	140.7	143.3	246.3	206.6	133.3	91.0	.0	.0	1035
1983	.0	.0	.0	53.9	145.5	182.2	240.3	226.1	156.6	96.4	.0	.0	1101
1984	.0	.0	.0	82.9	169.2	194.2	267.7	268.0	128.6	68.5	.0	.0	1179
1985	.0	.0	.0	93.3	173.1	192.5	273.9	204.0	117.7	98.1	.0	.0	1153
1986	.0	.0	50.0	80.8	146.8	196.5	238.7	208.3	98.1	87.8	.0	.0	1107
1987	.0	.0	.0	97.4	185.1	234.6	192.6	149.1	147.8	101.8	46.0	.0	1154
1988	.0	.0	.0	90.4	183.0	226.1	279.7	228.2	170.3	99.9	.0	.0	1278
1989	.0	.0	.0	55.8	147.8	164.3	200.9	174.4	132.1	75.2	.0	.0	950
1990	.0	.0	.0	50.4	111.0	199.7	163.0	194.5	173.1	90.1	.0	.0	982
1991	.0	.0	.0	65.3	132.0	172.5	202.0	203.0	135.5	85.8	.0	.0	996
1992	.0	.0	40.1	91.7	161.8	163.7	142.0	165.5	168.2	53.8	.0	.0	987
1993	.0	.0	.0	75.6	130.9	175.6	151.0	161.1	123.4	73.9	.0	.0	891
1994	.0	.0	51.0	66.4	152.1	200.8	214.9	174.9	181.0	81.3	.0	.0	1123
1995	.0	.0	.0	56.6	111.0	146.2	181.2	205.1	123.0	80.2	.0	.0	903
1996	.0	.0	.0	76.1	114.4	196.3	213.3	284.1	118.3	87.3	.0	.0	1090
1997	.0	.0	.0	63.6	147.0	182.3	215.5	203.4	174.3	82.3	.0	.0	1069
1998	.0	.0	.0	72.2	163.6	133.5	195.7	231.7	158.5	92.8	.0	.0	1048
1999	.0	.0	.0	78.3	167.0	174.3	239.2	209.2	156.1	100.7	40.0	.0	1165
2000	.0	.0	.0	84.6	193.3	191.4	275.3	250.5	172.8	89.0	.0	.0	1257
MIN	.0	.0	.0	43.4	111.0	113.1	142.0	149.1	98.1	53.8	.0	.0	891
MAX	.0	.0	51.0	105.6	197.5	240.0	279.7	284.1	187.3	130.8	51.9	.0	1278
MEAN	.0	.0	5.4	71.6	150.1	186.5	216.8	204.7	147.0	91.9	5.7	.0	1080

GROSS EVAPORATION (mm) -- RED DEER

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	.0	.0	.0	26.4	108.6	126.0	133.8	153.2	80.8	35.6	.0	.0	664
1941	.0	.0	.0	57.5	129.4	124.3	144.2	131.8	78.2	47.2	.0	.0	713
1942	.0	.0	.0	52.9	104.7	115.8	123.5	116.0	73.9	44.8	.0	.0	632
1943	.0	.0	.0	39.4	95.2	118.4	141.2	121.6	97.1	41.9	.0	.0	655
1944	.0	.0	.0	48.2	107.3	118.4	131.3	117.0	89.0	54.0	.0	.0	665
1945	.0	.0	.0	36.7	113.6	124.2	132.3	120.7	88.9	43.3	.0	.0	660
1946	.0	.0	.0	57.6	111.2	98.4	125.0	111.7	75.1	47.3	.0	.0	626
1947	.0	.0	.0	40.7	106.1	92.1	107.4	101.9	78.2	40.7	.0	.0	567
1948	.0	.0	.0	.0	94.9	104.7	131.0	117.1	91.1	60.8	.0	.0	600
1949	.0	.0	.0	61.1	114.8	120.6	148.4	117.6	103.2	48.2	26.0	.0	740
1950	.0	.0	.0	47.5	128.7	139.3	137.3	109.8	102.8	42.3	.0	.0	708
1951	.0	.0	.0	45.1	117.7	122.0	123.1	113.7	89.2	36.6	.0	.0	647
1952	.0	.0	.0	47.9	106.1	111.8	133.6	116.7	89.2	49.3	.0	.0	655
1953	.0	.0	.0	36.7	93.6	99.3	120.3	108.4	83.9	54.4	.0	.0	597
1954	.0	.0	.0	.0	102.4	123.1	145.6	95.9	82.0	59.1	.0	.0	608
1955	.0	.0	.0	38.6	109.3	154.0	134.7	143.3	99.7	60.6	.0	.0	740
1956	.0	.0	.0	41.3	134.0	151.8	135.0	118.9	84.1	52.2	.0	.0	717
1957	.0	.0	.0	39.0	134.3	136.2	177.3	136.4	121.5	48.2	.0	.0	793
1958	.0	.0	.0	45.7	148.2	138.5	140.0	165.4	121.2	77.2	.0	.0	836
1959	.0	.0	.0	70.8	134.5	154.9	182.6	146.7	111.7	52.1	.0	.0	853
1960	.0	.0	.0	69.4	154.0	175.6	177.4	172.2	129.7	67.3	.0	.0	946
1961	.0	.0	.0	68.4	137.7	207.2	177.5	172.5	118.5	59.0	.0	.0	941
1962	.0	.0	.0	59.2	120.5	159.8	153.0	159.3	128.2	66.5	.0	.0	847
1963	.0	.0	.0	51.3	129.2	158.6	164.4	139.5	114.6	70.2	.0	.0	828
1964	.0	.0	.0	63.2	138.3	156.1	173.8	177.6	106.5	63.6	.0	.0	879
1965	.0	.0	.0	42.0	139.5	155.9	157.4	154.2	88.5	70.7	.0	.0	808
1966	.0	.0	.0	50.9	155.4	142.3	129.0	122.1	99.2	52.9	.0	.0	752
1967	.0	.0	.0	36.9	111.8	128.9	154.2	159.8	136.9	56.5	.0	.0	785
1968	.0	.0	.0	62.1	154.9	144.3	162.1	129.1	100.9	57.4	.0	.0	811
1969	.0	.0	.0	55.6	136.4	153.3	148.6	156.5	102.4	51.6	.0	.0	804
1970	.0	.0	.0	53.5	140.5	166.7	161.4	171.9	122.1	66.9	.0	.0	883
1971	.0	.0	.0	48.4	146.8	126.2	159.4	181.3	120.2	64.9	.0	.0	847
1972	.0	.0	.0	67.3	128.8	151.9	143.6	142.5	88.6	57.4	.0	.0	780
1973	.0	.0	.0	49.7	154.9	165.9	167.7	145.2	109.7	61.1	.0	.0	854
1974	.0	.0	.0	48.1	114.7	180.6	172.2	149.2	106.6	65.3	.0	.0	837
1975	.0	.0	.0	40.7	125.0	143.8	149.4	135.3	114.0	60.3	.0	.0	768
1976	.0	.0	.0	62.4	156.3	141.1	161.6	144.5	109.7	65.7	.0	.0	841
1977	.0	.0	.0	81.4	129.7	167.0	172.6	131.6	85.9	70.0	.0	.0	838
1978	.0	.0	.0	47.5	125.9	128.3	138.6	130.0	90.2	63.1	.0	.0	724
1979	.0	.0	.0	45.6	118.9	160.9	170.6	150.1	118.0	50.3	.0	.0	814
1980	.0	.0	.0	60.6	152.6	120.6	128.4	127.7	94.9	57.1	.0	.0	742
1981	.0	.0	.0	68.2	110.8	122.3	127.7	139.3	100.1	42.5	.0	.0	711
1982	.0	.0	.0	56.3	135.9	128.4	123.9	115.1	93.7	56.4	.0	.0	710
1983	.0	.0	.0	47.6	133.1	135.1	126.5	137.4	106.4	52.2	.0	.0	738
1984	.0	.0	.0	63.5	127.9	135.7	151.6	157.5	89.7	55.2	.0	.0	781
1985	.0	.0	.0	55.6	141.6	168.3	169.3	127.4	90.6	53.5	.0	.0	806
1986	.0	.0	.0	55.5	123.0	139.0	128.3	122.6	76.6	50.5	.0	.0	696
1987	.0	.0	.0	57.9	132.5	160.8	123.8	117.0	101.5	64.9	.0	.0	758
1988	.0	.0	.0	74.1	161.7	150.1	147.3	143.8	98.4	55.5	.0	.0	831
1989	.0	.0	.0	42.8	118.7	146.4	143.2	111.0	99.3	53.7	.0	.0	715
1990	.0	.0	.0	45.4	105.3	137.4	143.3	125.2	110.0	60.4	.0	.0	727
1991	.0	.0	.0	60.8	111.9	114.1	139.3	126.1	99.9	52.7	.0	.0	705
1992	.0	.0	.0	61.9	125.5	139.1	135.7	142.4	108.4	58.7	.0	.0	772
1993	.0	.0	.0	48.1	140.3	151.1	140.1	126.4	106.5	58.2	.0	.0	771
1994	.0	.0	.0	66.3	133.1	148.8	157.0	139.7	102.3	54.6	.0	.0	802
1995	.0	.0	.0	51.9	123.7	136.2	126.5	117.7	98.9	53.7	.0	.0	709
1996	.0	.0	.0	48.5	97.3	139.4	138.9	142.6	94.2	49.3	.0	.0	710
1997	.0	.0	.0	51.4	125.8	128.8	146.6	126.8	99.6	43.6	.0	.0	723
1998	.0	.0	.0	53.2	137.4	120.9	125.9	143.7	106.4	43.4	.0	.0	731
1999	.0	.0	.0	62.8	128.1	133.8	158.2	148.3	120.8	65.6	.0	.0	818
2000	.0	.0	.0	51.1	111.8	129.8	126.8	121.7	86.2	51.4	.0	.0	679
MIN	.0	.0	.0	.0	93.6	92.1	107.4	95.9	73.9	35.6	.0	.0	567
MAX	.0	.0	.0	81.4	161.7	207.2	182.6	181.3	136.9	77.2	26.0	.0	946
MEAN	.0	.0	.0	51.1	126.1	138.9	145.1	135.2	100.3	55.2	.4	.0	752

GROSS EVAPORATION (mm) -- ROCKY MOUNTAIN HOUSE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	.0	.0	.0	36.8	97.2	106.1	123.2	100.5	75.9	48.6	.0	.0	588
1946	.0	.0	.0	51.4	107.3	94.2	131.6	116.7	73.3	50.2	.0	.0	625
1947	.0	.0	.0	39.6	102.9	86.0	135.1	102.2	78.2	48.1	.0	.0	592
1948	.0	.0	.0	30.2	93.2	104.6	115.9	99.1	72.8	48.4	.0	.0	564
1949	.0	.0	.0	50.8	93.8	114.2	118.8	112.4	86.4	40.7	20.1	.0	637
1950	.0	.0	.0	38.4	99.4	111.5	114.1	96.9	81.7	40.7	.0	.0	583
1951	.0	.0	.0	41.4	105.4	108.0	106.5	95.2	75.4	31.6	.0	.0	563
1952	.0	.0	.0	55.8	98.3	100.5	113.9	94.8	82.4	47.9	.0	.0	594
1953	.0	.0	.0	35.7	94.7	95.1	112.4	103.0	78.0	52.1	.0	.0	571
1954	.0	.0	.0	.0	90.1	113.3	127.4	92.8	74.0	55.7	18.1	.0	571
1955	.0	.0	.0	37.8	98.4	136.9	127.3	128.6	80.4	54.4	.0	.0	664
1956	.0	.0	.0	42.2	123.7	133.8	130.2	111.6	79.0	49.3	.0	.0	670
1957	.0	.0	.0	36.6	97.7	105.4	125.1	109.5	88.1	40.1	.0	.0	603
1958	.0	.0	.0	40.7	117.0	104.7	124.2	133.4	95.5	63.9	.0	.0	679
1959	.0	.0	.0	51.5	103.0	111.8	142.9	108.6	80.8	43.3	.0	.0	642
1960	.0	.0	.0	56.6	102.4	122.6	136.2	113.2	88.2	53.1	.0	.0	672
1961	.0	.0	.0	45.6	89.6	137.3	123.2	118.9	80.2	44.1	.0	.0	639
1962	.0	.0	.0	49.1	94.8	122.5	113.5	115.4	88.7	50.1	.0	.0	634
1963	.0	.0	.0	39.6	100.4	109.1	117.4	104.6	71.5	57.4	.0	.0	600
1964	.0	.0	.0	47.0	106.8	109.8	126.3	122.6	76.3	52.0	.0	.0	641
1965	.0	.0	.0	38.7	108.1	113.4	120.7	114.7	70.7	63.9	.0	.0	630
1966	.0	.0	.0	40.8	114.8	106.0	116.9	103.4	73.4	44.8	.0	.0	600
1967	.0	.0	.0	37.0	97.1	105.9	127.3	129.6	104.4	49.0	.0	.0	650
1968	.0	.0	.0	48.9	110.5	97.8	121.5	97.1	72.7	49.3	.0	.0	598
1969	.0	.0	.0	47.2	98.2	106.4	115.4	109.7	74.5	37.9	.0	.0	589
1970	.0	.0	.0	45.2	109.1	126.6	132.6	130.1	86.9	52.5	.0	.0	683
1971	.0	.0	.0	47.4	109.9	100.7	128.4	132.5	85.8	49.3	.0	.0	654
1972	.0	.0	.0	50.2	101.4	107.0	109.4	104.3	68.3	42.8	.0	.0	584
1973	.0	.0	.0	33.5	107.1	123.5	135.7	113.3	79.7	41.2	.0	.0	634
1974	.0	.0	.0	42.1	85.8	139.1	137.6	105.4	80.3	48.2	.0	.0	638
1975	.0	.0	.0	37.8	100.9	114.1	127.1	118.1	80.5	48.7	.0	.0	627
1976	.0	.0	.0	50.7	116.1	111.8	134.4	115.5	83.0	51.2	.0	.0	663
1977	.0	.0	.0	65.4	98.7	135.0	131.7	99.8	70.5	56.3	.0	.0	657
1978	.0	.0	.0	36.6	97.2	119.2	122.7	113.8	75.6	49.5	.0	.0	615
1979	.0	.0	.0	37.0	96.7	120.6	139.2	121.5	85.6	39.6	.0	.0	640
1980	.0	.0	.0	53.3	124.8	109.6	126.7	108.3	79.1	46.7	.0	.0	648
1981	.0	.0	.0	55.6	92.2	116.3	125.1	129.2	79.6	36.8	.0	.0	635
1982	.0	.0	.0	43.3	116.9	111.6	112.7	110.2	81.5	44.5	.0	.0	621
1983	.0	.0	.0	40.9	108.4	118.0	122.8	124.5	81.1	40.4	.0	.0	636
1984	.0	.0	.0	53.9	106.7	128.7	152.9	151.7	79.4	44.2	.0	.0	717
1985	.0	.0	.0	48.5	123.2	126.9	147.0	110.4	80.1	42.7	.0	.0	679
1986	.0	.0	.0	44.8	102.0	127.4	113.4	116.8	68.3	41.6	.0	.0	614
1987	.0	.0	.0	50.0	102.6	121.2	103.3	99.5	79.1	44.7	.0	.0	600
1988	.0	.0	.0	53.2	109.4	114.1	117.5	103.4	71.5	41.5	.0	.0	611
1989	.0	.0	.0	38.1	88.4	106.8	122.9	93.7	75.2	39.4	.0	.0	565
1990	.0	.0	.0	39.7	85.2	110.9	120.2	109.5	81.5	42.5	.0	.0	589
1991	.0	.0	.0	52.5	96.6	103.0	138.3	110.9	83.6	40.9	.0	.0	626
1992	.0	.0	23.4	47.7	90.9	114.8	128.1	126.7	84.7	46.7	.0	.0	663
1993	.0	.0	.0	39.3	106.1	118.5	109.4	97.8	74.9	41.4	.0	.0	587
1994	.0	.0	.0	48.3	100.2	107.6	122.3	105.0	74.5	43.0	.0	.0	601
1995	.0	.0	.0	39.7	89.0	104.5	98.9	90.4	66.9	40.4	.0	.0	530
1996	.0	.0	.0	43.9	78.1	114.3	115.9	113.4	68.5	40.1	.0	.0	574
1997	.0	.0	.0	45.3	94.3	103.4	108.0	89.6	69.3	35.1	.0	.0	545
1998	.0	.0	.0	45.8	103.3	98.6	121.8	116.9	82.7	37.3	.0	.0	606
1999	.0	.0	.0	49.7	100.7	108.3	129.9	102.0	74.9	46.0	.0	.0	611
2000	.0	.0	.0	48.2	90.8	107.9	111.7	96.8	68.7	43.0	.0	.0	567
MIN	.0	.0	.0	.0	78.1	86.0	98.9	89.6	66.9	31.6	.0	.0	530
MAX	.0	.0	23.4	65.4	124.8	139.1	152.9	151.7	104.4	63.9	20.1	.0	717
MEAN	.0	.0	.4	44.0	101.4	113.0	123.5	110.6	78.6	46.0	.7	.0	618

GROSS EVAPORATION (mm) -- SLAVE LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	.0	.0	.0	58.2	108.4	129.7	129.0	110.8	85.7	59.2	.0	.0	681
1973	.0	.0	.0	46.1	134.1	124.1	156.7	117.6	91.6	44.4	.0	.0	715
1974	.0	.0	.0	41.0	107.0	147.5	144.5	123.1	83.8	58.4	.0	.0	705
1975	.0	.0	.0	46.2	117.1	128.9	144.3	131.5	82.6	46.0	.0	.0	696
1976	.0	.0	.0	51.9	137.0	116.2	147.9	120.2	86.5	55.7	.0	.0	715
1977	.0	.0	.0	58.1	106.0	133.0	133.6	122.3	77.7	66.1	.0	.0	697
1978	.0	.0	.0	45.4	98.5	132.5	142.7	126.0	75.7	62.3	.0	.0	683
1979	.0	.0	.0	37.1	102.6	117.0	131.2	125.6	81.5	44.8	.0	.0	640
1980	.0	.0	.0	63.6	123.3	122.5	137.6	120.7	76.5	54.7	.0	.0	699
1981	.0	.0	.0	47.8	124.3	128.3	143.5	138.8	105.0	56.0	.0	.0	744
1982	.0	.0	.0	43.8	122.3	148.0	144.8	122.7	90.6	50.6	.0	.0	723
1983	.0	.0	.0	51.7	113.6	124.7	140.8	127.0	89.1	51.1	.0	.0	698
1984	.0	.0	.0	54.8	122.6	143.6	167.0	145.6	80.7	49.4	.0	.0	764
1985	.0	.0	.0	57.6	115.6	152.6	153.5	135.5	94.9	54.2	.0	.0	764
1986	.0	.0	.0	52.9	118.7	152.1	141.0	134.2	82.2	46.4	.0	.0	728
1987	.0	.0	.0	56.9	120.2	159.0	142.9	121.3	101.9	65.4	.0	.0	768
1988	.0	.0	.0	65.8	122.6	127.1	172.8	139.5	104.9	53.4	.0	.0	786
1989	.0	.0	.0	49.7	116.4	119.9	138.8	111.4	93.3	50.2	.0	.0	680
1990	.0	.0	.0	42.1	102.2	119.9	138.4	127.6	98.6	45.7	.0	.0	674
1991	.0	.0	.0	49.3	118.9	121.9	149.6	132.5	85.0	44.9	.0	.0	702
1992	.0	.0	.0	48.8	116.1	147.2	141.0	153.1	91.5	52.6	.0	.0	750
1993	.0	.0	.0	39.3	150.3	158.7	143.7	130.1	97.7	48.4	.0	.0	768
1994	.0	.0	.0	56.4	120.1	116.4	131.4	122.5	96.7	48.7	.0	.0	692
1995	.0	.0	.0	44.4	115.0	128.5	126.8	114.2	99.3	45.7	.0	.0	674
1996	.0	.0	.0	42.1	90.9	126.5	126.5	117.5	82.1	43.5	.0	.0	629
1997	.0	.0	.0	52.8	97.6	114.5	150.2	121.5	88.5	40.3	.0	.0	665
1998	.0	.0	.0	52.6	117.2	120.9	141.3	143.7	90.6	50.0	.0	.0	716
1999	.0	.0	.0	54.3	121.3	138.7	147.4	141.2	95.7	67.2	.0	.0	766
2000	.0	.0	.0	60.5	117.5	142.0	145.6	124.5	92.1	62.2	.0	.0	744
MIN	.0	.0	.0	37.1	90.9	114.5	126.5	110.8	75.7	40.3	.0	.0	629
MAX	.0	.0	.0	65.8	150.3	159.0	172.8	153.1	105.0	67.2	.0	.0	786
MEAN	.0	.0	.0	50.7	116.5	132.5	143.3	127.7	89.7	52.3	.0	.0	713

GROSS EVAPORATION (mm) -- VERMILION

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	.0	.0	.0	61.8	115.6	118.6	163.9	138.2	85.8	47.1	.0	.0	731
1947	.0	.0	.0	42.1	126.1	128.0	152.5	127.7	85.7	49.5	.0	.0	712
1948	.0	.0	.0	.0	129.0	138.5	169.7	143.7	107.0	61.6	.0	.0	749
1949	.0	.0	.0	54.4	130.9	162.8	153.4	140.1	113.2	49.8	.0	.0	805
1950	.0	.0	.0	47.4	129.4	116.5	147.0	148.1	107.0	34.6	.0	.0	730
1951	.0	.0	.0	43.2	111.2	124.0	131.8	125.5	86.0	39.1	.0	.0	661
1952	.0	.0	.0	62.3	125.6	132.0	137.5	121.2	92.3	57.8	.0	.0	729
1953	.0	.0	.0	45.6	121.4	120.9	149.8	122.7	107.8	64.2	.0	.0	732
1954	.0	.0	.0	.0	131.8	128.8	155.6	104.3	89.1	61.2	.0	.0	671
1955	.0	.0	.0	45.3	138.8	151.8	131.8	135.1	102.2	55.1	.0	.0	760
1956	.0	.0	.0	43.9	148.2	146.9	131.9	120.4	91.5	58.6	.0	.0	741
1957	.0	.0	.0	51.0	131.0	132.9	160.6	121.4	101.8	46.5	.0	.0	745
1958	.0	.0	.0	53.7	144.3	129.8	166.2	156.3	106.4	64.7	.0	.0	821
1959	.0	.0	.0	67.0	122.7	144.7	179.0	126.5	100.3	44.2	.0	.0	785
1960	.0	.0	.0	61.2	125.4	148.5	142.9	135.4	106.4	59.2	.0	.0	779
1961	.0	.0	.0	56.0	128.6	158.5	148.0	165.7	106.0	54.0	.0	.0	817
1962	.0	.0	.0	53.5	119.6	135.6	130.0	131.8	105.8	56.2	.0	.0	732
1963	.0	.0	.0	49.6	113.6	136.8	142.4	121.4	97.3	58.6	.0	.0	720
1964	.0	.0	.0	55.3	137.7	146.8	172.5	153.6	91.6	52.8	.0	.0	810
1965	.0	.0	.0	41.1	124.6	127.7	139.5	137.8	83.4	73.5	.0	.0	728
1966	.0	.0	.0	55.4	148.4	138.0	140.8	127.0	97.1	60.7	.0	.0	767
1967	.0	.0	.0	35.6	135.4	141.2	165.0	156.0	129.0	48.1	.0	.0	810
1968	.0	.0	.0	58.4	146.7	157.2	151.4	116.9	84.0	45.4	.0	.0	760
1969	.0	.0	.0	50.5	125.3	154.7	154.0	162.0	93.0	41.4	.0	.0	781
1970	.0	.0	.0	48.3	150.4	166.5	134.3	149.5	106.9	47.9	.0	.0	804
1971	.0	.0	.0	45.9	154.8	129.0	128.4	141.4	99.1	57.5	.0	.0	756
1972	.0	.0	.0	55.1	122.0	160.5	137.9	130.3	83.1	58.2	.0	.0	747
1973	.0	.0	.0	47.0	133.2	139.6	142.1	121.7	89.0	46.5	.0	.0	719
1974	.0	.0	.0	34.8	101.5	129.9	137.8	126.9	88.8	60.6	.0	.0	680
1975	.0	.0	.0	41.8	123.0	137.8	151.9	129.6	110.3	49.8	.0	.0	744
1976	.0	.0	.0	52.9	149.0	131.8	149.9	145.2	100.6	52.1	.0	.0	782
1977	.0	.0	.0	62.8	119.9	163.8	149.3	131.7	76.5	65.0	.0	.0	769
1978	.0	.0	.0	41.6	113.6	135.7	166.1	142.1	83.4	58.2	.0	.0	741
1979	.0	.0	.0	37.3	117.4	120.9	129.2	126.8	104.2	46.1	.0	.0	682
1980	.0	.0	.0	71.2	143.9	135.3	155.9	122.7	91.9	59.2	.0	.0	780
1981	.0	.0	.0	57.5	143.5	160.8	165.1	175.4	121.9	56.0	.0	.0	880
1982	-	-	-	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	-	-	-	-	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
MIN	.0	.0	.0	.0	101.5	116.5	128.4	104.3	76.5	34.6	.0	.0	661
MAX	.0	.0	.0	71.2	154.8	166.5	179.0	175.4	129.0	73.5	.0	.0	880
MEAN	.0	.0	.0	48.1	130.1	139.8	149.0	135.6	97.9	53.9	.0	.0	754

GROSS EVAPORATION (mm) -- WAGNER

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	41.2	102.5	108.5	131.6	103.7	89.0	50.9	.0	.0	627
1954	.0	.0	.0	.0	89.8	105.5	130.6	97.8	81.4	54.0	.0	.0	559
1955	.0	.0	.0	41.0	96.9	123.1	122.7	121.4	90.1	55.4	.0	.0	651
1956	.0	.0	.0	43.5	130.7	116.4	130.3	119.8	80.3	53.4	.0	.0	674
1957	.0	.0	.0	43.1	98.0	100.4	129.2	111.6	95.3	46.4	.0	.0	624
1958	.0	.0	.0	36.4	110.6	103.8	156.3	140.9	90.0	61.9	.0	.0	700
1959	.0	.0	.0	49.8	105.4	117.7	151.8	121.0	101.6	46.8	.0	.0	694
1960	.0	.0	.0	60.7	110.3	120.6	145.9	138.8	92.7	49.4	.0	.0	718
1961	.0	.0	.0	51.8	109.2	126.8	134.9	139.2	102.8	53.2	.0	.0	718
1962	.0	.0	.0	47.2	91.0	123.3	128.1	130.4	89.9	51.9	.0	.0	662
1963	.0	.0	.0	45.5	99.6	132.4	141.5	116.6	78.7	52.6	.0	.0	667
1964	.0	.0	.0	48.2	104.0	124.4	132.1	112.3	84.7	53.5	.0	.0	659
1965	.0	.0	.0	42.8	105.2	125.4	129.2	116.9	84.3	67.5	.0	.0	671
1966	.0	.0	.0	41.8	120.5	118.3	119.0	114.6	85.9	58.9	.0	.0	659
1967	.0	.0	.0	43.0	113.2	128.0	157.0	145.4	106.8	54.6	.0	.0	748
1968	.0	.0	.0	51.5	113.4	125.9	136.3	114.0	86.7	51.1	.0	.0	679
1969	.0	.0	.0	49.5	113.5	131.0	150.5	141.9	81.9	42.7	.0	.0	711
1970	.0	.0	.0	49.2	123.5	126.8	137.4	139.2	88.7	47.3	.0	.0	712
1971	.0	.0	.0	57.0	125.9	113.1	129.2	122.6	89.9	54.9	.0	.0	693
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	-	-	-	-	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
MIN	.0	.0	.0	.0	89.8	100.4	119.0	97.8	78.7	42.7	.0	.0	559
MAX	.0	.0	.0	60.7	130.7	132.4	157.0	145.4	106.8	67.5	.0	.0	748
MEAN	.0	.0	.0	44.4	108.6	119.6	136.5	123.6	89.5	53.0	.0	.0	675

GROSS EVAPORATION (mm) -- WHITECOURT

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	39.7	103.7	103.8	116.1	107.3	81.6	46.3	.0	.0	598
1954	.0	.0	.0	.0	102.0	114.9	113.1	84.3	67.2	46.3	.0	.0	528
1955	.0	.0	.0	41.3	99.6	126.5	98.8	111.4	77.6	44.5	.0	.0	600
1956	.0	.0	.0	39.4	121.6	113.0	126.5	104.8	73.0	42.2	.0	.0	620
1957	.0	.0	.0	41.2	97.9	113.4	123.4	90.8	77.0	37.1	.0	.0	581
1958	.0	.0	.0	44.6	120.7	106.3	138.2	124.3	77.1	49.7	.0	.0	661
1959	.0	.0	.0	47.7	103.5	105.1	136.2	105.8	79.2	36.9	.0	.0	614
1960	.0	.0	.0	58.5	106.2	119.7	137.5	119.1	83.8	46.6	.0	.0	671
1961	.0	.0	.0	54.3	102.1	125.7	129.3	125.5	83.9	42.4	.0	.0	663
1962	.0	.0	.0	48.7	94.2	129.7	128.4	111.3	85.4	46.5	.0	.0	644
1963	.0	.0	.0	46.0	108.2	124.5	141.7	119.3	78.3	42.8	.0	.0	661
1964	.0	.0	.0	54.2	105.8	116.4	137.2	111.2	75.1	53.8	.0	.0	654
1965	.0	.0	.0	41.3	110.7	125.8	131.6	110.3	74.2	54.1	.0	.0	648
1966	.0	.0	.0	41.8	118.0	112.3	117.9	103.9	75.5	45.1	.0	.0	615
1967	.0	.0	.0	43.7	108.6	117.9	143.2	125.3	91.6	38.3	.0	.0	669
1968	.0	.0	.0	47.2	104.4	103.0	111.2	90.3	69.9	35.9	.0	.0	562
1969	.0	.0	.0	44.3	96.0	108.9	111.7	95.8	58.5	36.3	.0	.0	551
1970	.0	.0	.0	44.8	107.0	123.1	117.8	111.4	79.9	40.5	.0	.0	624
1971	.0	.0	.0	41.2	117.8	98.9	114.1	111.5	73.6	40.8	.0	.0	598
1972	.0	.0	.0	50.6	107.7	116.2	125.6	102.9	68.4	47.5	.0	.0	619
1973	.0	.0	.0	42.4	116.4	117.9	140.0	108.2	70.1	37.0	.0	.0	632
1974	.0	.0	.0	44.7	84.6	130.3	121.3	101.6	72.0	42.3	.0	.0	597
1975	.0	.0	.0	44.5	120.7	122.9	122.6	109.7	79.2	39.7	.0	.0	639
1976	.0	.0	.0	52.2	129.0	123.8	128.8	99.3	71.7	46.6	.0	.0	651
1977	.0	.0	.0	64.5	94.2	120.9	112.0	99.1	67.3	54.0	.0	.0	612
1978	.0	.0	.0	46.8	114.3	136.1	128.3	97.5	58.5	50.9	.0	.0	632
1979	.0	.0	.0	35.5	94.5	115.6	112.8	106.3	68.9	34.2	.0	.0	568
1980	.0	.0	.0	58.2	105.8	98.7	117.0	104.1	63.3	42.6	.0	.0	590
1981	.0	.0	.0	50.0	94.9	104.2	114.5	122.0	73.8	40.2	.0	.0	600
1982	.0	.0	.0	42.4	104.3	115.3	109.1	97.0	70.3	43.4	.0	.0	582
1983	.0	.0	.0	51.3	107.0	102.0	114.2	110.6	73.1	41.2	.0	.0	600
1984	.0	.0	.0	51.4	98.2	112.4	154.3	112.6	62.8	38.1	.0	.0	630
1985	.0	.0	.0	52.7	111.2	124.8	140.8	107.6	70.3	42.9	.0	.0	650
1986	.0	.0	.0	41.3	106.7	130.3	118.3	131.6	67.0	45.3	.0	.0	641
1987	.0	.0	.0	58.4	109.0	133.1	121.8	100.7	81.7	53.8	.0	.0	659
1988	.0	.0	.0	64.9	120.0	108.4	145.3	115.1	80.4	45.0	.0	.0	679
1989	.0	.0	.0	49.2	105.1	116.9	116.8	88.0	74.7	38.6	.0	.0	589
1990	.0	.0	.0	44.4	96.6	112.3	129.0	115.2	89.8	44.5	.0	.0	632
1991	.0	.0	.0	42.2	103.4	104.4	128.3	104.6	74.7	36.3	.0	.0	594
1992	.0	.0	.0	43.9	104.0	123.9	114.0	115.5	69.2	38.9	.0	.0	609
1993	.0	.0	.0	40.5	113.1	124.9	116.4	96.0	81.1	39.7	.0	.0	612
1994	.0	.0	.0	53.4	114.1	115.8	119.9	96.6	81.1	38.4	.0	.0	619
1995	.0	.0	.0	41.2	103.1	107.0	112.1	99.4	74.0	40.9	.0	.0	578
1996	.0	.0	.0	43.8	81.6	114.9	129.5	111.9	68.6	38.0	.0	.0	588
1997	.0	.0	.0	45.4	98.9	107.4	150.3	125.0	89.4	35.4	.0	.0	652
1998	.0	.0	.0	56.2	112.0	106.5	136.4	141.4	93.0	39.1	.0	.0	685
1999	.0	.0	.0	44.1	98.1	109.6	126.5	115.9	81.6	49.2	.0	.0	625
2000	.0	.0	.0	48.0	93.1	124.1	117.8	103.5	74.7	37.8	.0	.0	599
MIN	.0	.0	.0	.0	81.6	98.7	98.8	84.3	58.5	34.2	.0	.0	528
MAX	.0	.0	.0	64.9	129.0	136.1	154.3	141.4	93.0	54.1	.0	.0	685
MEAN	.0	.0	.0	46.3	105.6	116.0	124.9	108.4	75.3	42.7	.0	.0	619

SASKATCHEWAN

GROSS EVAPORATION (mm) -- BROADVIEW

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	.0	.0	.0	58.9	151.3	138.4	198.2	221.9	121.6	65.3	.0	.0	956
1940	.0	.0	.0	50.4	143.2	172.2	173.9	200.2	106.3	46.3	.0	.0	892
1941	.0	.0	.0	35.0	120.4	124.9	150.2	139.0	106.3	50.7	.0	.0	726
1942	.0	.0	.0	38.4	101.0	118.7	131.8	128.9	90.4	55.6	.0	.0	665
1943	.0	.0	.0	58.7	121.2	120.9	145.1	133.4	108.6	40.5	.0	.0	729
1944	.0	.0	.0	46.5	119.9	109.3	150.1	144.2	91.8	62.7	.0	.0	725
1945	.0	.0	.0	41.5	120.4	129.9	163.2	159.8	112.4	61.9	.0	.0	789
1946	.0	.0	.0	64.0	116.0	136.7	155.6	155.9	96.6	45.4	.0	.0	770
1947	.0	.0	.0	39.3	116.3	119.5	150.9	126.1	97.1	53.1	.0	.0	702
1948	.0	.0	.0	32.5	110.9	120.9	162.0	125.7	110.9	56.7	.0	.0	720
1949	.0	.0	.0	50.5	119.8	138.7	135.6	142.9	107.2	47.7	.0	.0	742
1950	.0	.0	.0	39.2	120.7	143.3	130.8	135.5	94.3	51.8	.0	.0	716
1951	.0	.0	.0	38.5	138.7	127.0	161.5	138.1	87.5	39.2	.0	.0	731
1952	.0	.0	.0	51.6	123.1	144.1	158.7	151.0	100.2	64.6	.0	.0	793
1953	.0	.0	.0	36.9	99.6	111.8	143.9	129.9	117.8	59.2	.0	.0	699
1954	.0	.0	.0	45.1	115.1	132.1	139.5	124.8	88.7	54.6	.0	.0	700
1955	.0	.0	.0	43.1	103.9	126.6	140.8	166.5	118.1	59.4	.0	.0	759
1956	.0	.0	.0	39.9	111.2	161.2	126.3	138.6	107.1	55.3	.0	.0	740
1957	.0	.0	.0	40.2	133.6	121.8	183.9	131.3	106.2	47.2	.0	.0	764
1958	.0	.0	.0	62.5	158.4	163.5	171.2	174.1	125.5	59.9	.0	.0	915
1959	.0	.0	.0	71.9	143.5	160.0	195.8	199.3	111.1	46.3	.0	.0	928
1960	.0	.0	.0	55.2	138.3	161.9	189.2	177.9	140.8	67.7	.0	.0	931
1961	.0	.0	.0	59.5	142.5	211.5	217.4	237.0	120.8	59.6	.0	.0	1048
1962	.0	.0	.0	49.6	120.9	143.3	166.3	164.5	120.8	54.0	.0	.0	819
1963	.0	.0	.0	43.3	110.2	133.0	146.8	144.1	117.4	72.5	.0	.0	767
1964	.0	.0	.0	57.0	153.5	144.6	180.5	168.7	119.4	63.0	.0	.0	887
1965	.0	.0	.0	40.9	137.9	163.7	154.2	162.8	94.2	65.3	.0	.0	819
1966	.0	.0	.0	42.0	136.8	130.8	162.2	138.2	110.1	63.0	.0	.0	783
1967	.0	.0	.0	42.6	133.6	165.7	197.2	188.0	141.4	53.4	.0	.0	922
1968	.0	.0	.0	64.0	143.7	157.6	189.2	136.0	107.8	44.1	.0	.0	842
1969	.0	.0	.0	52.1	131.9	138.3	150.5	165.1	110.6	41.5	.0	.0	790
1970	.0	.0	.0	41.2	113.7	164.4	162.8	174.0	101.7	47.6	.0	.0	805
1971	.0	.0	.0	51.2	144.3	124.2	161.2	160.7	113.1	56.8	.0	.0	811
1972	.0	.0	.0	50.8	104.4	164.2	139.3	151.2	112.0	58.9	.0	.0	781
1973	.0	.0	.0	52.6	119.0	155.2	170.5	170.3	104.7	58.7	.0	.0	831
1974	.0	.0	.0	37.2	103.0	158.7	176.7	133.3	99.0	58.3	.0	.0	766
1975	.0	.0	.0	33.3	110.5	114.5	167.6	134.7	95.3	47.8	.0	.0	704
1976	.0	.0	.0	43.4	143.2	121.0	161.8	158.5	125.0	60.0	.0	.0	813
1977	.0	.0	.0	70.0	126.3	136.1	143.9	130.7	76.1	61.1	.0	.0	744
1978	.0	.0	.0	47.8	116.3	143.7	125.9	147.3	108.9	53.5	.0	.0	743
1979	.0	.0	.0	37.8	108.2	160.2	175.5	155.0	100.4	45.1	.0	.0	782
1980	.0	.0	.0	67.2	157.6	157.1	158.0	126.6	102.5	57.0	.0	.0	826
1981	.0	.0	.0	61.6	124.0	141.4	172.3	142.9	127.7	45.8	.0	.0	816
1982	.0	.0	.0	52.1	112.7	150.5	164.6	146.7	112.3	54.7	.0	.0	794
1983	.0	.0	.0	40.6	127.9	178.3	180.4	211.5	134.9	55.3	.0	.0	929
1984	.0	.0	.0	66.8	147.1	157.5	221.9	216.2	107.2	55.1	.0	.0	972
1985	.0	.0	.0	64.1	137.9	142.7	171.2	138.5	92.5	65.7	.0	.0	813
1986	.0	.0	.0	55.2	156.5	146.6	148.8	169.4	105.3	61.2	.0	.0	843
1987	.0	.0	.0	72.7	154.4	174.8	133.9	158.4	113.2	66.1	.0	.0	873
1988	.0	.0	.0	73.3	136.5	186.8	206.2	189.2	126.3	63.2	.0	.0	982
1989	.0	.0	.0	63.2	160.8	161.7	184.0	168.8	130.6	67.1	.0	.0	936
1990	.0	.0	.0	56.2	138.2	159.0	162.3	158.5	137.9	73.2	.0	.0	885
1991	.0	.0	.0	54.6	114.4	145.8	157.2	145.8	107.2	59.4	.0	.0	784
1992	.0	.0	.0	49.7	132.4	133.5	133.1	140.8	119.0	58.8	.0	.0	767
1993	.0	.0	.0	47.3	134.7	142.1	138.3	135.3	107.8	60.8	.0	.0	766
1994	.0	.0	.0	58.8	136.6	125.0	140.0	121.7	108.4	61.5	.0	.0	752
1995	.0	.0	.0	43.6	117.2	139.9	153.3	158.1	112.9	45.8	.0	.0	771
1996	.0	.0	.0	43.8	115.4	150.2	128.0	161.4	109.7	56.8	.0	.0	765
1997	.0	.0	.0	58.2	153.4	165.9	150.4	164.5	138.7	62.3	.0	.0	893
1998	.0	.0	.0	67.6	134.4	120.3	148.6	144.6	111.7	40.6	.0	.0	768
1999	.0	.0	.0	59.5	124.1	130.2	149.5	136.5	107.9	64.8	.0	.0	772
2000	.0	.0	.0	65.9	143.1	138.0	147.1	147.5	116.1	65.6	.0	.0	823
MIN	.0	.0	.0	32.5	99.6	109.3	125.9	121.7	76.1	39.2	.0	.0	665
MAX	.0	.0	.0	73.3	160.8	211.5	221.9	237.0	141.4	73.2	.0	.0	1048
MEAN	.0	.0	.0	51.3	128.8	144.5	160.6	155.6	110.6	56.4	.0	.0	808

GROSS EVAPORATION (mm) -- BUFFALO NARROWS

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	.0	.0	.0	.0	28.7	96.3	121.9	106.0	58.1	.0	.0	.0	411
1970	.0	.0	.0	.0	27.3	78.0	117.9	101.4	59.9	17.8	.0	.0	402
1971	.0	.0	.0	.0	29.3	74.0	110.0	98.3	66.0	20.9	.0	.0	398
1972	.0	.0	.0	.0	25.3	86.0	115.9	99.2	54.6	25.5	.0	.0	407
1973	.0	.0	.0	.0	23.3	80.0	117.6	99.6	57.9	13.9	.0	.0	392
1974	.0	.0	.0	.0	19.4	80.2	101.0	89.7	60.1	20.1	.0	.0	370
1975	.0	.0	.0	.0	21.3	70.3	113.9	103.1	53.8	10.0	.0	.0	372
1976	.0	.0	.0	13.0	25.6	75.2	116.1	89.6	68.8	20.3	.0	.0	409
1977	.0	.0	.0	19.9	16.4	86.9	104.5	91.6	50.9	21.6	.0	.0	392
1978	.0	.0	.0	.0	14.6	85.5	127.6	109.8	57.1	21.4	.0	.0	416
1979	.0	.0	.0	.0	22.6	85.7	127.3	98.6	54.6	14.5	.0	.0	403
1980	.0	.0	.0	33.9	34.3	92.3	115.8	93.3	51.6	16.5	.0	.0	438
1981	.0	.0	.0	.0	40.5	96.3	134.2	123.8	83.7	15.6	.0	.0	494
1982	.0	.0	.0	.0	24.9	101.5	122.6	109.1	75.3	23.4	.0	.0	457
1983	.0	.0	.0	.0	31.4	78.0	115.6	127.5	70.6	24.9	.0	.0	448
1984	.0	.0	.0	22.9	32.8	109.5	166.8	142.3	79.3	23.0	.0	.0	577
1985	.0	.0	.0	.0	33.6	117.3	149.9	134.3	87.2	24.4	.0	.0	547
1986	.0	.0	.0	.0	24.1	107.8	110.0	130.8	76.8	29.0	.0	.0	478
1987	.0	.0	.0	17.8	31.7	99.8	126.3	121.9	81.1	32.2	.0	.0	511
1988	.0	.0	.0	.0	34.5	96.8	135.4	121.8	77.6	23.9	.0	.0	490
1989	.0	.0	.0	.0	30.4	85.6	120.3	105.0	63.5	19.3	.0	.0	424
1990	.0	.0	.0	.0	32.7	93.9	133.0	110.4	69.4	22.2	.0	.0	462
1991	.0	.0	.0	21.0	33.0	78.7	126.9	129.2	80.4	.0	.0	.0	469
1992	.0	.0	.0	.0	39.8	99.0	136.1	129.1	71.8	34.4	.0	.0	510
1993	.0	.0	.0	.0	31.4	115.8	114.1	93.9	76.4	22.1	.0	.0	454
1994	.0	.0	.0	.0	30.1	102.5	134.2	134.0	100.5	23.2	.0	.0	525
1995	.0	.0	.0	.0	43.4	95.9	120.0	85.8	80.3	14.6	.0	.0	440
1996	.0	.0	.0	.0	24.1	99.8	124.0	115.2	69.8	18.3	.0	.0	451
1997	.0	.0	.0	.0	29.4	82.4	132.6	99.1	62.2	13.9	.0	.0	420
1998	.0	.0	.0	22.5	32.4	101.4	150.7	135.8	73.9	22.4	.0	.0	539
1999	.0	.0	.0	.0	13.6	95.9	136.3	123.8	72.2	24.3	.0	.0	466
2000	.0	.0	.0	.0	20.3	79.8	110.2	100.6	72.7	24.7	.0	.0	408
MIN	.0	.0	.0	.0	13.6	70.3	101.0	85.8	50.9	.0	.0	.0	370
MAX	.0	.0	.0	33.9	43.4	117.3	166.8	142.3	100.5	34.4	.0	.0	577
MEAN	.0	.0	.0	4.7	28.2	91.5	124.6	111.0	69.3	20.0	.0	.0	449

GROSS EVAPORATION (mm) -- CREE LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	.0	.0	.0	.0	29.8	94.8	141.4	119.4	61.6	16.0	.0	.0	463
1971	.0	.0	.0	.0	42.7	94.4	133.5	120.7	70.7	22.9	.0	.0	485
1972	.0	.0	.0	.0	38.3	112.4	125.3	122.8	58.9	.0	.0	.0	458
1973	.0	.0	.0	.0	35.3	101.2	128.2	122.0	73.8	14.3	.0	.0	475
1974	.0	.0	.0	.0	27.0	96.1	121.2	111.8	65.8	21.4	.0	.0	443
1975	.0	.0	.0	.0	25.9	72.3	135.2	107.6	64.1	15.9	.0	.0	421
1976	.0	.0	.0	.0	36.5	91.1	131.0	109.9	78.8	.0	.0	.0	447
1977	.0	.0	.0	.0	21.0	80.9	108.5	97.1	60.1	24.9	.0	.0	393
1978	.0	.0	.0	.0	20.1	98.3	131.8	113.0	57.3	16.6	.0	.0	437
1979	.0	.0	.0	.0	28.2	109.5	143.1	111.1	63.3	2.9	.0	.0	458
1980	.0	.0	.0	30.1	35.4	107.4	132.0	111.9	61.6	16.4	.0	.0	495
1981	.0	.0	.0	.0	41.4	104.9	155.0	130.8	80.8	.0	.0	.0	513
1982	.0	.0	.0	.0	25.6	102.3	130.7	119.7	81.3	22.2	.0	.0	482
1983	.0	.0	.0	.0	30.7	97.1	138.6	131.5	69.6	23.4	.0	.0	491
1984	.0	.0	.0	.0	29.9	109.1	159.9	132.5	70.8	.0	.0	.0	502
1985	.0	.0	.0	.0	31.4	103.9	158.2	124.8	79.0	.0	.0	.0	497
1986	.0	.0	.0	.0	29.4	108.5	116.0	121.3	71.5	19.8	.0	.0	466
1987	.0	.0	.0	.0	27.8	100.5	120.9	105.4	71.7	21.0	.0	.0	447
1988	.0	.0	.0	.0	30.1	99.3	133.5	123.0	74.6	20.8	.0	.0	481
1989	.0	.0	.0	.0	25.3	90.1	129.4	104.3	36.5	.0	.0	.0	386
1990	.0	.0	.0	.0	36.3	98.6	142.9	128.0	73.0	.0	.0	.0	479
1991	.0	.0	.0	.0	35.8	86.0	126.6	130.0	67.8	.0	.0	.0	446
1992	.0	.0	.0	.0	35.2	99.2	132.0	116.0	62.0	22.6	.0	.0	467
1993	.0	.0	.0	.0	36.2	115.8	116.3	102.7	72.7	21.3	.0	.0	465
1994	.0	.0	.0	.0	21.1	106.2	106.2	105.8	69.0	16.9	.0	.0	425
1995	.0	.0	.0	.0	33.4	95.9	114.4	95.7	68.0	15.3	.0	.0	423
1996	-	-	-	-	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
MIN	.0	.0	.0	.0	20.1	72.3	106.2	95.7	36.5	.0	.0	.0	386
MAX	.0	.0	.0	30.1	42.7	115.8	159.9	132.5	81.3	24.9	.0	.0	513
MEAN	.0	.0	.0	1.2	31.2	99.1	131.2	116.1	67.9	12.9	.0	.0	459

GROSS EVAPORATION (mm) -- DAFOE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	.0	.0	.0	39.4	128.9	157.3	163.2	180.8	119.1	63.1	.0	.0	852
1956	.0	.0	.0	39.4	121.3	165.1	138.9	151.8	111.9	58.9	.0	.0	787
1957	.0	.0	.0	35.3	144.7	139.6	199.8	140.3	112.9	46.2	.0	.0	819
1958	.0	.0	.0	42.4	148.3	161.6	161.4	175.8	120.6	51.8	.0	.0	862
1959	.0	.0	.0	57.2	141.1	171.4	204.4	178.3	110.8	46.5	.0	.0	910
1960	.0	.0	.0	49.7	136.8	172.5	191.0	185.6	148.3	67.0	.0	.0	951
1961	.0	.0	.0	55.8	139.3	195.8	190.4	211.4	123.1	55.5	.0	.0	971
1962	.0	.0	.0	49.7	122.8	143.2	153.8	154.3	103.5	52.5	.0	.0	780
1963	.0	.0	.0	45.8	119.5	127.9	146.0	136.3	109.8	66.8	.0	.0	752
1964	.0	.0	.0	48.5	148.6	159.3	159.8	154.7	109.6	65.9	.0	.0	846
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	-	-	-	-	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
MIN	.0	.0	.0	35.3	119.5	127.9	138.9	136.3	103.5	46.2	.0	.0	752
MAX	.0	.0	.0	57.2	148.6	195.8	204.4	211.4	148.3	67.0	.0	.0	971
MEAN	.0	.0	.0	46.3	135.1	159.4	170.9	166.9	117.0	57.4	.0	.0	853

GROSS EVAPORATION (mm) -- ESTEVAN

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	.0	.0	.0	47.1	97.9	141.9	166.0	181.0	113.8	44.1	.0	.0	792
1947	.0	.0	.0	43.8	121.2	121.6	170.3	144.7	103.8	54.8	.0	.0	760
1948	.0	.0	.0	34.6	147.0	126.8	171.5	162.8	138.9	55.0	.0	.0	837
1949	.0	.0	.0	72.0	142.4	158.5	174.0	185.0	129.2	55.2	16.4	.0	933
1950	.0	.0	.0	44.4	124.6	158.8	150.3	146.7	105.1	53.8	.0	.0	784
1951	.0	.0	.0	39.1	136.9	147.2	195.3	143.0	87.8	41.2	.0	.0	790
1952	.0	.0	.0	62.2	135.0	169.9	179.3	171.3	116.2	76.6	.0	.0	910
1953	.0	.0	.0	47.4	116.2	126.0	183.8	176.5	148.1	73.6	.0	.0	872
1954	.0	.0	.0	61.5	134.0	150.3	159.4	164.7	102.5	61.1	.0	.0	834
1955	.0	.0	.0	59.3	143.8	150.9	172.3	195.6	143.5	74.3	.0	.0	940
1956	.0	.0	.0	47.5	127.8	176.7	148.2	166.9	122.9	72.3	.0	.0	862
1957	.0	.0	.0	47.0	153.3	144.5	206.0	163.7	115.6	50.7	.0	.0	881
1958	.0	.0	.0	68.2	169.0	161.4	197.2	224.5	151.4	69.4	.0	.0	1041
1959	.0	.0	.0	70.8	142.8	177.1	219.8	208.1	120.8	47.3	.0	.0	987
1960	.0	.0	.0	59.1	148.9	176.8	189.7	189.4	143.3	77.3	.0	.0	984
1961	.0	.0	.0	61.7	151.9	225.8	214.3	253.1	118.9	67.0	.0	.0	1093
1962	.0	.0	.0	73.0	114.4	129.8	169.2	189.1	131.5	58.4	.0	.0	865
1963	.0	.0	.0	45.4	114.9	128.7	176.9	161.8	113.4	64.9	.0	.0	806
1964	.0	.0	.0	56.5	156.1	144.0	186.5	191.1	127.7	75.0	.0	.0	937
1965	.0	.0	.0	49.0	144.3	167.3	175.1	173.4	98.6	77.2	.0	.0	885
1966	.0	.0	.0	54.4	165.8	159.3	212.6	179.8	136.6	74.9	.0	.0	983
1967	.0	.0	.0	47.5	155.8	185.7	252.9	221.4	165.1	67.6	.0	.0	1096
1968	.0	.0	.0	73.2	153.9	163.3	234.9	166.9	126.3	55.5	.0	.0	974
1969	.0	.0	.0	49.5	149.1	159.5	167.7	196.1	135.8	51.2	.0	.0	909
1970	.0	.0	.0	48.8	130.4	177.9	196.8	203.7	124.1	58.9	.0	.0	940
1971	.0	.0	.0	63.7	164.3	146.6	217.2	255.0	143.2	65.8	.0	.0	1056
1972	.0	.0	.0	57.3	118.6	169.1	172.9	160.3	136.3	65.1	.0	.0	880
1973	.0	.0	.0	59.9	150.0	194.1	224.1	213.9	126.9	66.1	.0	.0	1035
1974	.0	.0	.0	44.5	123.3	205.0	233.6	172.0	137.6	82.3	.0	.0	998
1975	.0	.0	.0	34.8	127.8	146.3	198.0	165.4	110.1	49.9	.0	.0	832
1976	.0	.0	.0	53.8	160.9	144.5	205.4	199.4	146.0	72.1	.0	.0	982
1977	.0	.0	.0	90.0	167.2	181.2	242.5	191.9	93.2	73.2	.0	.0	1039
1978	.0	.0	.0	54.1	122.0	154.1	178.1	202.7	133.6	69.8	.0	.0	914
1979	.0	.0	.0	41.6	123.5	187.0	205.7	183.0	141.0	66.8	.0	.0	949
1980	.0	.0	.0	69.5	198.0	203.9	220.6	166.0	118.9	65.0	.0	.0	1042
1981	.0	.0	.0	76.1	149.0	163.8	225.8	170.7	162.8	63.1	.0	.0	1011
1982	.0	.0	.0	57.4	124.2	169.6	172.1	166.1	135.8	51.2	.0	.0	876
1983	.0	.0	.0	57.8	127.9	178.9	201.8	229.3	138.0	57.2	.0	.0	991
1984	.0	.0	.0	66.7	163.4	155.0	267.6	256.7	117.8	55.8	.0	.0	1083
1985	.0	.0	.0	72.3	163.4	181.9	281.9	188.0	107.1	63.5	.0	.0	1058
1986	.0	.0	21.2	55.4	153.3	161.7	176.3	176.4	104.2	50.0	.0	.0	898
1987	.0	.0	.0	86.4	164.8	229.5	184.3	190.2	137.1	78.7	.0	.0	1071
1988	.0	.0	.0	93.1	172.6	284.4	253.6	244.4	146.8	69.0	.0	.0	1264
1989	.0	.0	.0	61.0	167.3	179.4	221.5	222.4	152.2	69.4	.0	.0	1073
1990	.0	.0	.0	65.2	154.8	163.4	180.3	189.0	154.4	81.4	.0	.0	988
1991	.0	.0	.0	60.2	123.6	152.5	168.3	181.6	124.4	67.5	.0	.0	878
1992	.0	.0	.0	56.1	169.5	170.1	151.3	169.1	129.2	60.5	.0	.0	906
1993	.0	.0	.0	48.9	149.4	153.8	132.0	142.2	108.3	57.8	.0	.0	792
1994	.0	.0	.0	68.4	160.0	152.2	167.0	140.8	116.8	52.4	.0	.0	858
1995	.0	.0	.0	46.8	121.2	160.0	174.8	185.9	113.0	45.7	.0	.0	847
1996	.0	.0	.0	41.0	112.9	166.8	142.3	174.5	104.9	56.1	.0	.0	798
1997	.0	.0	.0	57.9	152.6	204.1	161.8	175.9	131.0	58.8	.0	.0	942
1998	.0	.0	.0	62.5	144.0	124.4	156.5	160.3	116.3	44.3	.0	.0	808
1999	.0	.0	.0	52.5	125.6	136.0	148.1	151.3	107.3	55.1	.0	.0	776
2000	.0	.0	.0	56.4	131.2	122.0	128.7	141.8	110.3	53.6	.0	.0	744
MIN	.0	.0	.0	34.6	97.9	121.6	128.7	140.8	87.8	41.2	.0	.0	744
MAX	.0	.0	21.2	93.1	198.0	284.4	281.9	256.7	165.1	82.3	16.4	.0	1264
MEAN	.0	.0	.4	57.7	143.0	164.9	190.3	184.1	125.9	62.3	.3	.0	929

GROSS EVAPORATION (mm) -- KEY LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	-	-	-	-	-	-	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-	-	-	-	-	-
1983	-	-	-	-	-	-	-	-	-	-	-	-	-
1984	-	-	-	-	-	-	-	-	-	-	-	-	-
1985	-	-	-	-	-	-	-	-	-	-	-	-	-
1986	-	-	-	-	-	-	-	-	-	-	-	-	-
1987	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	.0	.0	.0	.0	31.3	84.9	119.6	100.0	62.3	.0	.0	.0	398
1997	.0	.0	.0	.0	24.5	85.1	125.3	97.6	55.4	.0	.0	.0	388
1998	.0	.0	.0	.0	35.8	93.8	125.6	112.7	56.9	17.3	.0	.0	442
1999	.0	.0	.0	.0	29.1	97.9	122.1	123.4	64.7	17.9	.0	.0	455
2000	.0	.0	.0	.0	18.0	97.6	125.4	99.5	64.9	21.1	.0	.0	427
MIN	.0	.0	.0	.0	18.0	84.9	119.6	97.6	55.4	.0	.0	.0	388
MAX	.0	.0	.0	.0	35.8	97.9	125.6	123.4	64.9	21.1	.0	.0	455
MEAN	.0	.0	.0	.0	27.7	91.9	123.6	106.7	60.8	11.3	.0	.0	422

GROSS EVAPORATION (mm) -- KINDERSLEY

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	.0	.0	.0	38.2	138.3	192.9	207.5	183.9	138.0	43.8	.0	.0	943
1960	.0	.0	.0	49.8	143.3	193.4	217.6	184.0	140.4	64.7	.0	.0	993
1961	.0	.0	.0	55.4	160.9	215.2	219.1	237.7	125.5	58.4	.0	.0	1072
1962	.0	.0	.0	56.2	148.1	167.3	181.1	185.0	130.8	68.3	.0	.0	937
1963	.0	.0	.0	60.5	140.6	167.6	186.0	175.3	133.6	75.1	.0	.0	939
1964	.0	.0	.0	62.9	175.1	191.9	236.7	209.4	101.8	58.7	.0	.0	1036
1965	.0	.0	.0	31.3	138.0	169.3	189.2	204.2	93.5	70.3	.0	.0	896
1966	.0	.0	.0	43.3	169.0	141.0	174.4	172.6	143.8	64.5	.0	.0	908
1967	.0	.0	.0	36.2	140.6	188.0	244.0	217.8	170.0	53.0	.0	.0	1050
1968	.0	.0	.0	67.6	158.9	192.8	211.2	167.1	120.2	47.8	.0	.0	966
1969	.0	.0	.0	49.6	155.2	198.7	188.9	237.7	137.3	44.7	.0	.0	1012
1970	.0	.0	.0	51.4	150.4	207.4	188.7	223.8	134.3	58.5	.0	.0	1014
1971	.0	.0	.0	43.7	148.2	168.1	195.4	240.2	139.9	63.8	.0	.0	999
1972	.0	.0	.0	66.5	138.2	191.9	165.6	174.9	107.5	59.7	.0	.0	904
1973	.0	.0	.0	40.8	136.8	180.4	196.5	192.9	118.1	62.6	.0	.0	928
1974	.0	.0	.0	38.6	115.9	203.0	209.2	164.8	125.3	74.9	.0	.0	932
1975	.0	.0	.0	34.1	117.6	152.8	184.8	155.1	127.3	48.7	.0	.0	820
1976	.0	.0	.0	54.6	182.7	168.6	179.8	204.4	142.5	63.9	.0	.0	996
1977	.0	.0	.0	64.1	139.8	188.6	200.3	158.4	95.1	69.8	.0	.0	916
1978	.0	.0	.0	47.3	141.8	164.7	188.8	172.0	118.7	69.7	.0	.0	903
1979	.0	.0	.0	42.2	125.2	175.9	180.3	172.6	152.4	56.9	.0	.0	906
1980	.0	.0	.0	72.8	167.4	158.1	193.7	159.7	120.7	57.5	.0	.0	930
1981	.0	.0	.0	60.8	148.4	154.7	176.8	196.1	142.4	53.0	.0	.0	932
1982	.0	.0	.0	59.3	132.9	164.0	164.2	162.0	117.7	54.2	.0	.0	854
1983	.0	.0	.0	52.9	147.5	178.6	156.8	201.9	137.7	57.9	.0	.0	933
1984	.0	.0	.0	76.2	164.2	170.3	226.5	214.4	101.8	55.0	.0	.0	1008
1985	.0	.0	.0	51.0	144.0	199.6	223.2	201.4	118.9	71.3	.0	.0	1009
1986	.0	.0	.0	61.1	142.2	181.8	164.1	180.0	98.2	53.8	.0	.0	881
1987	.0	.0	.0	75.7	175.8	222.3	181.9	153.0	135.2	72.8	.0	.0	1017
1988	.0	.0	.0	79.2	202.6	244.1	243.9	178.2	135.1	63.0	.0	.0	1146
1989	.0	.0	.0	51.0	141.9	179.5	219.2	170.5	127.8	34.4	.0	.0	924
1990	.0	.0	.0	59.3	154.4	190.1	210.1	214.1	172.6	79.9	.0	.0	1080
1991	.0	.0	.0	74.1	153.8	156.2	173.1	209.9	151.9	64.1	.0	.0	983
1992	.0	.0	.0	72.5	150.0	202.3	160.5	185.3	124.6	59.1	.0	.0	954
1993	.0	.0	.0	44.4	161.0	172.1	126.4	122.0	110.1	56.9	.0	.0	793
1994	.0	.0	.0	62.0	148.1	159.9	203.6	175.4	162.6	55.5	.0	.0	967
1995	.0	.0	.0	50.4	149.8	175.4	177.6	165.5	135.7	57.4	.0	.0	912
1996	.0	.0	.0	40.7	109.9	186.8	188.2	227.6	114.1	54.1	.0	.0	921
1997	.0	.0	.0	58.8	156.4	166.7	191.1	198.6	154.9	58.5	.0	.0	985
1998	.0	.0	.0	72.7	171.3	149.2	193.1	224.1	144.7	53.2	.0	.0	1008
1999	.0	.0	.0	68.8	133.2	171.5	151.8	153.0	137.7	68.1	.0	.0	884
2000	.0	.0	.0	57.5	155.7	173.3	195.1	192.2	125.8	67.1	.0	.0	967
MIN	.0	.0	.0	31.3	109.9	141.0	126.4	122.0	93.5	34.4	.0	.0	793
MAX	.0	.0	.0	79.2	202.6	244.1	244.0	240.2	172.6	79.9	.0	.0	1146
MEAN	.0	.0	.0	55.6	149.4	180.4	192.0	188.5	130.1	60.1	.0	.0	956

GROSS EVAPORATION (mm) -- LA RONGE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	.0	.0	.0	.0	26.9	91.5	105.2	114.1	68.3	15.9	.0	.0	422
1968	.0	.0	.0	.0	28.1	87.7	116.8	110.6	59.7	16.5	.0	.0	419
1969	.0	.0	.0	.0	26.3	94.1	123.3	101.2	51.4	.0	.0	.0	396
1970	.0	.0	.0	.0	29.4	78.7	124.7	111.4	58.7	20.1	.0	.0	423
1971	.0	.0	.0	.0	33.2	83.7	115.0	95.7	66.6	16.1	.0	.0	410
1972	.0	.0	.0	.0	24.6	96.3	112.9	102.6	57.8	.0	.0	.0	394
1973	.0	.0	.0	.0	28.0	83.4	122.6	105.8	69.4	14.7	.0	.0	424
1974	.0	.0	.0	.0	23.4	87.6	106.0	94.4	59.0	23.7	.0	.0	394
1975	.0	.0	.0	.0	20.2	75.8	129.5	100.9	59.3	17.1	.0	.0	403
1976	.0	.0	.0	19.3	34.1	71.1	119.1	105.7	71.9	25.6	.0	.0	447
1977	.0	.0	.0	.0	19.3	101.3	120.4	98.4	56.3	27.1	.0	.0	423
1978	.0	.0	.0	.0	13.5	86.3	128.0	100.2	60.9	19.1	.0	.0	408
1979	.0	.0	.0	.0	33.9	94.9	127.7	102.0	60.9	21.1	.0	.0	441
1980	.0	.0	.0	33.2	41.7	108.1	138.2	104.0	60.5	18.4	.0	.0	504
1981	.0	.0	.0	.0	29.2	104.6	152.2	136.9	84.5	24.6	.0	.0	532
1982	.0	.0	.0	.0	30.2	100.9	137.0	110.7	75.9	23.3	.0	.0	478
1983	.0	.0	.0	.0	32.1	82.5	121.5	124.0	66.7	25.1	.0	.0	452
1984	.0	.0	.0	24.4	31.5	110.9	162.0	129.0	75.4	23.6	.0	.0	557
1985	.0	.0	.0	.0	38.7	100.1	149.1	128.1	88.5	23.4	.0	.0	528
1986	.0	.0	.0	.0	35.7	124.9	134.3	137.8	79.9	33.4	.0	.0	546
1987	.0	.0	.0	.0	31.1	100.8	108.4	105.2	62.5	.0	.0	.0	408
1988	.0	.0	.0	.0	45.7	130.5	159.9	136.3	81.5	22.9	.0	.0	577
1989	.0	.0	.0	.0	28.8	98.0	135.3	112.9	69.1	2.2	.0	.0	446
1990	.0	.0	.0	.0	34.3	112.0	141.4	123.5	73.2	24.1	.0	.0	508
1991	.0	.0	.0	.0	28.2	87.9	132.1	128.6	73.6	.0	.0	.0	450
1992	.0	.0	.0	.0	32.9	95.2	114.5	114.4	64.2	24.6	.0	.0	446
1993	.0	.0	.0	.0	37.5	109.7	114.5	90.6	70.6	22.6	.0	.0	445
1994	.0	.0	.0	.0	29.5	102.8	114.4	115.4	81.3	18.2	.0	.0	461
1995	.0	.0	.0	.0	42.0	107.3	132.1	106.8	78.4	14.9	.0	.0	481
1996	.0	.0	.0	.0	29.3	95.9	119.8	111.6	60.9	17.7	.0	.0	435
1997	.0	.0	.0	.0	31.2	87.3	128.1	107.2	63.0	17.0	.0	.0	434
1998	.0	.0	.0	24.6	36.7	110.0	163.3	141.0	76.4	19.5	.0	.0	571
1999	.0	.0	.0	.0	27.0	101.2	138.7	131.0	74.3	26.2	.0	.0	498
2000	.0	.0	.0	.0	19.8	98.4	124.0	111.5	69.8	27.8	.0	.0	451
MIN	.0	.0	.0	.0	13.5	71.1	105.2	90.6	51.4	.0	.0	.0	394
MAX	.0	.0	.0	33.2	45.7	130.5	163.3	141.0	88.5	33.4	.0	.0	577
MEAN	.0	.0	.0	3.0	30.4	97.1	128.6	113.2	68.5	18.4	.0	.0	459

GROSS EVAPORATION (mm) -- MEADOW LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	.0	.0	.0	50.5	120.4	144.7	145.8	121.5	84.6	43.2	.0	.0	711
1969	.0	.0	.0	51.1	115.9	140.4	140.0	133.5	80.9	36.8	.0	.0	699
1970	.0	.0	.0	41.6	129.1	135.6	134.8	126.6	91.4	45.4	.0	.0	705
1971	.0	.0	.0	45.7	138.2	119.3	123.6	122.4	83.8	51.0	.0	.0	684
1972	.0	.0	.0	43.7	109.2	143.5	131.3	123.2	75.6	51.4	.0	.0	678
1973	.0	.0	.0	38.2	107.6	110.7	137.4	114.8	84.3	38.8	.0	.0	632
1974	.0	.0	.0	39.9	90.0	127.2	132.9	110.4	76.7	47.7	.0	.0	625
1975	.0	.0	.0	32.9	94.4	106.6	124.4	111.4	79.1	36.5	.0	.0	585
1976	.0	.0	.0	46.9	133.2	115.3	133.7	125.3	93.7	44.0	.0	.0	692
1977	.0	.0	.0	47.5	91.4	116.2	103.9	108.5	77.8	38.5	.0	.0	584
1978	.0	.0	.0	38.9	101.8	133.6	155.4	129.0	78.8	51.4	.0	.0	689
1979	.0	.0	.0	31.0	107.8	109.4	122.8	112.1	85.1	42.8	.0	.0	611
1980	.0	.0	.0	61.7	140.0	140.7	144.9	108.8	72.4	50.5	.0	.0	719
1981	.0	.0	.0	48.7	129.0	131.5	136.7	141.7	107.3	42.1	.0	.0	737
1982	.0	.0	.0	42.1	114.1	128.8	121.4	115.8	94.7	45.6	.0	.0	662
1983	.0	.0	.0	47.9	117.3	119.3	129.3	149.8	90.5	47.0	.0	.0	701
1984	.0	.0	.0	57.4	114.1	140.8	151.3	136.9	87.8	50.8	.0	.0	739
1985	.0	.0	.0	51.9	128.2	131.8	144.2	129.1	98.8	49.1	.0	.0	733
1986	.0	.0	.0	55.1	120.1	139.1	118.1	134.1	87.6	50.4	.0	.0	705
1987	.0	.0	.0	54.6	133.7	158.3	112.1	112.0	102.8	63.2	.0	.0	737
1988	.0	.0	.0	56.0	137.4	141.8	144.1	132.0	102.5	46.4	.0	.0	760
1989	.0	.0	.0	48.4	126.8	135.9	138.2	118.1	85.2	31.2	.0	.0	684
1990	.0	.0	.0	46.3	120.8	150.8	122.4	162.1	113.1	47.8	.0	.0	763
1991	.0	.0	.0	58.4	125.5	138.1	166.8	163.4	120.0	50.2	.0	.0	822
1992	.0	.0	.0	57.9	139.4	151.1	152.6	149.2	104.0	56.2	.0	.0	810
1993	.0	.0	.0	42.0	135.9	153.2	134.4	118.9	88.1	48.0	.0	.0	720
1994	.0	.0	.0	53.9	130.9	133.3	132.4	131.4	118.7	46.0	.0	.0	747
1995	.0	.0	.0	38.7	130.0	154.9	141.9	111.5	102.7	39.1	.0	.0	719
1996	.0	.0	.0	38.2	106.7	133.3	119.4	136.9	80.8	37.9	.0	.0	653
1997	.0	.0	.0	39.3	117.8	112.7	151.0	126.9	95.6	41.7	.0	.0	685
1998	.0	.0	.0	61.1	143.0	131.4	127.0	143.7	98.8	40.8	.0	.0	746
1999	.0	.0	.0	53.0	113.1	136.0	138.9	115.4	93.2	52.2	.0	.0	702
2000	.0	.0	.0	52.7	118.4	129.6	111.9	110.8	84.8	52.4	.0	.0	661
MIN	.0	.0	.0	31.0	90.0	106.6	103.9	108.5	72.4	31.2	.0	.0	584
MAX	.0	.0	.0	61.7	143.0	158.3	166.8	163.4	120.0	63.2	.0	.0	822
MEAN	.0	.0	.0	47.7	120.6	133.2	134.1	126.9	91.6	45.9	.0	.0	700

GROSS EVAPORATION (mm) -- MOOSE JAW

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	41.1	124.9	139.7	164.9	212.1	153.4	82.1	.0	.0	918
1954	.0	.0	.0	64.0	154.0	180.2	217.5	159.9	113.0	85.4	29.1	.0	1003
1955	.0	.0	.0	61.6	148.6	195.9	186.1	221.3	161.9	88.7	.0	.0	1064
1956	.0	.0	.0	46.2	133.7	204.0	144.9	175.8	133.8	69.4	.0	.0	908
1957	.0	.0	.0	51.4	168.8	164.2	225.1	188.4	138.2	57.9	.0	.0	994
1958	.0	.0	.0	73.9	193.4	192.4	224.7	239.1	165.5	84.3	.0	.0	1173
1959	.0	.0	.0	81.1	155.2	205.0	245.3	245.7	151.2	54.3	.0	.0	1138
1960	.0	.0	.0	74.5	206.4	217.8	209.8	213.9	179.0	88.9	.0	.0	1190
1961	.0	.0	.0	67.6	165.0	255.7	251.7	289.2	164.0	81.3	.0	.0	1275
1962	.0	.0	.0	70.7	134.6	167.6	190.2	193.9	153.6	72.2	23.0	.0	1006
1963	.0	.0	.0	56.4	134.2	159.5	196.2	200.2	157.7	89.6	.0	.0	994
1964	.0	.0	.0	80.4	218.2	199.1	247.5	240.3	155.1	96.0	.0	.0	1237
1965	.0	.0	.0	49.9	170.2	189.3	189.7	208.7	113.2	102.4	.0	.0	1023
1966	.0	.0	.0	56.2	188.6	182.8	214.6	194.4	157.0	81.5	.0	.0	1075
1967	.0	.0	.0	43.4	163.8	194.6	264.8	233.0	187.1	67.0	.0	.0	1154
1968	.0	.0	.0	77.6	177.5	195.6	221.0	146.0	107.3	53.7	.0	.0	979
1969	.0	.0	.0	57.9	163.3	186.7	177.7	220.5	148.6	42.8	.0	.0	998
1970	.0	.0	.0	52.5	127.6	187.1	197.9	238.3	126.1	71.3	.0	.0	1001
1971	.0	.0	.0	57.7	178.7	168.9	203.4	247.3	152.5	72.5	.0	.0	1081
1972	.0	.0	.0	69.7	131.5	182.7	176.0	177.2	132.2	63.2	.0	.0	933
1973	.0	.0	.0	48.9	125.5	193.3	228.6	203.7	120.8	67.5	.0	.0	988
1974	.0	.0	.0	37.1	115.6	195.9	231.4	163.9	118.7	76.6	.0	.0	939
1975	.0	.0	.0	36.9	135.2	161.8	233.3	176.6	127.7	65.5	.0	.0	937
1976	.0	.0	.0	60.4	175.9	147.8	186.8	203.6	150.5	70.2	.0	.0	995
1977	.0	.0	.0	95.5	157.2	176.4	190.3	169.7	95.6	72.7	.0	.0	958
1978	.0	.0	.0	54.9	135.5	183.8	198.4	207.4	146.1	78.1	.0	.0	1004
1979	.0	.0	.0	38.9	122.4	193.6	215.1	199.8	167.9	71.6	.0	.0	1009
1980	.0	.0	.0	84.3	198.4	220.6	234.9	181.7	139.6	81.9	.0	.0	1141
1981	.0	.0	.0	83.3	175.1	196.9	219.8	193.1	173.1	62.2	.0	.0	1103
1982	.0	.0	.0	62.3	129.9	165.5	183.9	178.3	142.1	56.8	.0	.0	919
1983	.0	.0	.0	55.5	141.6	195.0	207.2	235.4	143.2	66.0	.0	.0	1044
1984	.0	.0	.0	79.3	190.5	189.2	267.4	273.2	125.3	67.4	.0	.0	1192
1985	.0	.0	.0	64.8	149.2	179.8	235.3	193.2	112.3	78.3	.0	.0	1013
1986	.0	.0	.0	60.5	151.6	188.6	200.9	215.9	105.5	57.0	.0	.0	980
1987	.0	.0	.0	84.8	177.5	217.0	170.3	174.7	144.3	82.7	.0	.0	1051
1988	.0	.0	.0	90.4	200.2	261.7	267.9	242.5	158.3	79.4	.0	.0	1300
1989	.0	.0	.0	70.1	161.4	166.1	204.0	200.6	127.7	68.9	.0	.0	999
1990	.0	.0	.0	56.8	128.2	169.5	170.1	171.0	156.2	88.0	.0	.0	940
1991	.0	.0	.0	64.1	126.2	149.1	187.9	205.6	145.7	69.6	.0	.0	948
1992	.0	.0	.0	66.2	156.7	188.3	161.9	181.5	137.6	67.2	.0	.0	960
1993	.0	.0	.0	58.0	150.6	173.4	149.0	141.5	123.4	64.0	.0	.0	860
1994	.0	.0	.0	65.5	142.7	149.0	185.6	161.8	137.5	66.4	.0	.0	908
1995	.0	.0	.0	50.4	129.0	161.6	180.5	190.7	130.7	58.3	.0	.0	901
1996	.0	.0	.0	45.4	109.8	172.4	161.6	209.6	117.1	59.2	.0	.0	875
1997	.0	.0	.0	62.8	161.3	183.0	185.9	200.3	166.1	68.1	.0	.0	1028
1998	.0	.0	.0	63.2	143.2	135.0	175.5	190.4	128.3	42.8	.0	.0	878
1999	.0	.0	.0	55.7	126.2	133.9	152.2	136.9	120.5	65.5	.0	.0	791
2000	.0	.0	.0	58.7	136.4	135.1	149.3	167.4	122.1	56.4	.0	.0	826
MIN	.0	.0	.0	36.9	109.8	133.9	144.9	136.9	95.6	42.8	.0	.0	791
MAX	.0	.0	.0	95.5	218.2	261.7	267.9	289.2	187.1	102.4	29.1	.0	1300
MEAN	.0	.0	.0	62.3	154.0	182.3	201.8	200.3	140.3	71.1	1.1	.0	1013

GROSS EVAPORATION (mm) -- NIPAWIN

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	-	-	-	-	-	-	-	-	-	-	-	-	-
1972	-	-	-	-	-	-	-	-	-	-	-	-	-
1973	-	-	-	-	-	-	-	-	-	-	-	-	-
1974	.0	.0	.0	32.9	93.9	146.9	148.1	123.6	83.8	44.6	.0	.0	674
1975	.0	.0	.0	36.4	103.5	128.2	158.9	120.1	87.3	41.7	.0	.0	676
1976	.0	.0	.0	49.2	150.1	116.3	140.3	145.1	112.1	49.6	.0	.0	763
1977	.0	.0	.0	52.4	103.0	157.2	121.0	110.3	62.3	47.8	.0	.0	654
1978	.0	.0	.0	34.4	118.4	133.3	151.1	133.9	88.0	42.2	.0	.0	701
1979	.0	.0	.0	.0	108.5	147.2	161.1	137.2	100.7	39.8	.0	.0	695
1980	.0	.0	.0	49.9	156.4	159.8	166.0	135.2	92.2	44.3	.0	.0	804
1981	.0	.0	.0	39.2	139.2	154.6	157.0	134.0	108.3	42.3	.0	.0	775
1982	.0	.0	.0	43.8	107.2	144.7	144.5	136.0	102.8	36.7	.0	.0	716
1983	.0	.0	.0	33.5	122.1	135.4	132.5	147.7	103.2	50.9	.0	.0	725
1984	.0	.0	.0	47.1	117.8	141.8	170.0	169.9	98.0	45.0	.0	.0	790
1985	.0	.0	.0	41.7	111.1	123.4	134.7	112.8	93.6	43.8	.0	.0	661
1986	.0	.0	.0	47.7	131.3	161.9	145.0	144.6	84.7	50.9	.0	.0	766
1987	.0	.0	.0	52.0	138.4	161.5	126.7	138.9	97.7	44.0	.0	.0	759
1988	.0	.0	.0	55.0	157.9	211.9	199.6	172.8	122.7	51.7	.0	.0	972
1989	.0	.0	.0	49.1	139.2	151.2	152.7	131.4	102.7	33.1	.0	.0	759
1990	.0	.0	.0	51.3	129.4	144.6	152.6	155.7	117.9	46.8	.0	.0	798
1991	.0	.0	.0	49.7	138.2	163.3	179.2	185.7	123.5	51.8	.0	.0	891
1992	.0	.0	.0	55.3	133.8	145.6	135.1	142.4	99.5	56.3	.0	.0	768
1993	.0	.0	.0	50.4	153.7	156.8	130.5	120.1	94.9	47.8	.0	.0	754
1994	.0	.0	.0	56.5	125.2	123.9	113.7	108.7	97.9	41.3	.0	.0	667
1995	.0	.0	.0	36.2	123.0	139.6	126.4	119.4	101.0	33.6	.0	.0	679
1996	.0	.0	.0	39.4	105.5	149.7	119.8	139.4	89.4	38.8	.0	.0	682
1997	.0	.0	.0	42.8	123.9	159.3	167.6	146.9	111.0	45.0	.0	.0	797
1998	.0	.0	.0	75.3	165.5	163.5	169.1	214.8	119.7	40.9	.0	.0	949
1999	.0	.0	.0	57.9	136.9	138.6	133.4	128.8	111.2	57.7	.0	.0	764
2000	.0	.0	.0	55.4	128.0	142.6	134.5	137.7	110.6	62.4	.0	.0	771
MIN	.0	.0	.0	.0	93.9	116.3	113.7	108.7	62.3	33.1	.0	.0	654
MAX	.0	.0	.0	75.3	165.5	211.9	199.6	214.8	123.5	62.4	.0	.0	972
MEAN	.0	.0	.0	45.7	128.2	148.3	147.1	140.5	100.6	45.6	.0	.0	756

GROSS EVAPORATION (mm) -- NORTH BATTLEFORD

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	39.0	136.0	155.0	141.9	110.7	71.9	28.1	.0	.0	683
1912	.0	.0	.0	21.7	96.7	161.3	121.0	125.7	78.2	32.0	.0	.0	637
1913	.0	.0	.0	23.5	119.7	164.1	173.2	157.1	101.0	28.2	.0	.0	767
1914	.0	.0	.0	45.1	116.6	144.1	202.6	174.5	138.3	33.0	.0	.0	854
1915	.0	.0	.0	36.4	111.9	155.2	147.8	195.5	88.9	40.5	.0	.0	776
1916	.0	.0	.0	43.3	115.2	150.0	172.9	131.7	91.8	45.8	.0	.0	751
1917	.0	.0	.0	26.1	152.3	176.3	225.7	146.4	99.5	48.4	3.2	.0	878
1918	.0	.0	.0	51.6	140.6	194.1	203.2	192.5	118.8	51.1	.0	.0	952
1919	.0	.0	.0	34.7	178.7	196.2	190.7	175.6	111.8	32.6	.0	.0	920
1920	.0	.0	.0	25.1	158.3	165.3	167.6	131.1	95.2	40.4	.0	.0	783
1921	.0	.0	.0	16.5	140.3	153.5	177.2	166.7	108.9	58.6	.0	.0	822
1922	.0	.0	.0	17.0	122.4	187.6	210.3	135.8	89.8	35.7	.0	.0	799
1923	.0	.0	.0	48.7	126.7	132.9	151.5	140.1	115.3	48.9	.0	.0	764
1924	.0	.0	.0	24.7	127.5	152.7	186.3	141.3	110.7	41.1	.0	.0	784
1925	.0	.0	.0	42.3	127.0	122.4	166.4	146.0	80.0	35.7	.0	.0	720
1926	.0	.0	.0	26.3	110.5	151.6	164.9	90.4	59.2	26.0	.0	.0	629
1927	.0	.0	.0	35.0	97.6	149.7	145.3	129.5	91.0	33.2	.0	.0	681
1928	.0	.0	.0	30.3	157.0	115.9	145.3	132.4	98.0	40.1	.0	.0	719
1929	.0	.0	.0	25.7	98.9	161.0	214.5	197.3	94.0	41.2	.0	.0	833
1930	.0	.0	.0	54.4	147.4	158.3	148.0	159.7	106.8	37.1	.0	.0	812
1931	.0	.0	.0	48.6	88.9	128.3	132.1	130.8	78.9	39.1	.0	.0	647
1932	.0	.0	.0	31.6	123.1	105.7	150.0	146.4	118.6	45.1	.0	.0	721
1933	.0	.0	.0	41.3	131.3	161.4	219.0	187.9	105.3	42.8	.0	.0	889
1934	.0	.0	.0	66.3	115.3	134.3	185.3	166.5	81.0	35.3	.0	.0	784
1935	.0	.0	.0	47.9	127.8	134.6	176.0	163.5	107.8	43.5	.0	.0	801
1936	.0	.0	.0	38.4	147.8	153.9	215.2	172.8	103.0	57.1	.0	.0	888
1937	.0	.0	.0	60.3	147.6	243.6	206.9	165.0	99.6	40.7	.0	.0	964
1938	.0	.0	.0	49.3	116.4	155.3	181.0	154.6	102.9	32.5	.0	.0	792
1939	.0	.0	.0	62.1	121.7	119.1	202.8	149.8	117.4	57.5	.0	.0	830
1940	.0	.0	.0	49.4	134.9	142.8	147.1	197.6	97.8	40.8	.0	.0	810
1941	.0	.0	.0	48.6	104.2	133.4	164.9	138.0	83.4	37.5	.0	.0	710
1942	.0	.0	.0	46.0	127.2	144.1	141.3	129.3	84.0	57.9	.0	.0	730
1943	.0	.0	.0	57.2	122.7	128.0	158.6	171.0	115.8	44.5	.0	.0	798
1944	.0	.0	.0	53.1	130.5	142.4	149.2	149.9	102.8	53.6	.0	.0	782
1945	.0	.0	.0	49.6	131.3	142.2	186.1	161.0	102.2	47.9	.0	.0	820
1946	.0	.0	.0	52.1	118.4	144.0	190.3	160.3	105.9	43.4	.0	.0	814
1947	.0	.0	.0	42.9	131.1	154.2	212.6	150.3	103.3	55.5	.0	.0	850
1948	.0	.0	.0	.0	144.9	174.3	200.7	183.8	143.9	70.4	.0	.0	918
1949	.0	.0	.0	63.8	148.7	159.7	169.0	175.2	123.9	56.8	.0	.0	897
1950	.0	.0	.0	44.7	124.3	138.3	138.3	134.3	102.7	38.2	.0	.0	721
1951	.0	.0	.0	40.6	116.8	141.4	129.9	131.1	92.1	37.9	.0	.0	690
1952	.0	.0	.0	34.7	122.4	151.2	146.1	143.9	88.9	64.8	.0	.0	752
1953	.0	.0	.0	38.4	116.6	138.2	171.2	167.8	117.4	70.9	.0	.0	821
1954	.0	.0	.0	.0	136.6	131.8	163.4	113.2	89.7	55.9	.0	.0	691
1955	.0	.0	.0	41.5	145.8	162.2	146.3	175.7	123.5	61.8	.0	.0	857
1956	.0	.0	.0	44.1	143.0	179.1	150.4	159.2	118.1	65.5	.0	.0	859
1957	.0	.0	.0	55.7	148.9	143.1	197.5	152.3	116.0	52.2	.0	.0	866
1958	.0	.0	.0	54.4	155.7	161.5	171.2	188.8	139.7	65.6	.0	.0	937
1959	.0	.0	.0	73.9	146.8	179.2	235.3	162.1	119.8	43.5	.0	.0	961
1960	.0	.0	.0	62.8	138.5	167.8	180.4	165.3	121.3	60.0	.0	.0	896
1961	.0	.0	.0	51.2	153.5	201.3	187.6	207.3	120.8	55.8	.0	.0	978
1962	.0	.0	.0	46.6	129.8	165.2	162.8	148.9	112.5	59.5	.0	.0	825
1963	.0	.0	.0	49.6	118.8	146.9	155.3	128.1	102.0	67.2	.0	.0	768
1964	.0	.0	.0	52.3	154.6	168.9	193.0	182.6	91.0	50.7	.0	.0	893
1965	.0	.0	.0	42.5	149.6	154.4	168.5	164.5	87.7	71.0	.0	.0	838
1966	.0	.0	.0	53.2	168.6	136.9	151.2	157.9	133.8	67.7	.0	.0	869
1967	.0	.0	.0	35.7	154.4	172.5	200.5	180.9	165.8	55.3	.0	.0	965
1968	.0	.0	.0	68.4	157.5	193.7	184.3	144.1	97.7	50.8	.0	.0	897
1969	.0	.0	.0	50.7	134.6	169.4	168.9	214.7	112.7	43.5	.0	.0	895
1970	.0	.0	.0	45.4	145.3	179.6	160.8	193.3	124.0	54.5	.0	.0	903
1971	.0	.0	.0	51.2	169.5	155.6	166.2	199.7	116.6	61.0	.0	.0	920
1972	.0	.0	.0	58.2	135.7	203.9	161.2	165.5	106.0	62.0	.0	.0	892
1973	.0	.0	.0	46.4	141.4	167.2	191.3	174.1	116.6	58.3	.0	.0	895
1974	.0	.0	.0	41.1	113.7	159.9	173.3	152.2	103.8	67.5	.0	.0	811
1975	.0	.0	.0	43.7	138.5	148.1	167.0	149.3	122.5	51.3	.0	.0	820
1976	.0	.0	.0	59.6	177.2	140.3	150.7	175.1	126.2	57.4	.0	.0	887
1977	.0	.0	.0	74.2	148.2	181.4	181.0	152.2	88.3	71.5	.0	.0	897
1978	.0	.0	.0	61.9	156.6	184.1	202.1	179.6	116.8	79.0	.0	.0	980
1979	.0	.0	.0	39.2	133.1	143.4	169.0	171.6	132.0	54.1	.0	.0	842
1980	.0	.0	.0	78.7	173.1	161.4	168.6	135.8	98.5	61.7	.0	.0	878
1981	.0	.0	.0	62.8	162.1	158.1	170.1	178.8	124.0	56.4	.0	.0	912
1982	.0	.0	.0	56.5	138.1	151.0	155.8	138.8	107.9	49.9	.0	.0	798
1983	.0	.0	.0	52.9	132.9	167.0	155.5	164.5	106.1	53.5	.0	.0	832
1984	.0	.0	.0	73.0	146.0	154.1	189.7	180.1	91.7	51.7	.0	.0	886
1985	.0	.0	.0	57.5	139.6	163.1	170.7	153.9	99.7	63.6	.0	.0	848
1986	.0	.0	.0	65.1	141.1	157.6	143.5	162.0	95.8	50.8	.0	.0	816
1987	.0	.0	.0	70.0	151.5	182.1	142.7	122.2	118.4	62.8	.0	.0	850
1988	.0	.0	.0	80.6	188.0	199.5	189.6	144.6	116.7	53.8	.0	.0	973
1989	.0	.0	.0	53.8	126.1	156.9	179.0	160.6	105.3	59.8	.0	.0	841
1990	.0	.0	.0	57.8	136.7	161.2	154.8	156.2	123.0	61.3	.0	.0	851
1991	.0	.0	.0	59.5	134.2	148.7	177.5	190.4	127.9	53.3	.0	.0	892
1992	.0	.0	.0	63.7	140.2	169.4	154.7	168.8	117.3	60.4	.0	.0	875
1993	.0	.0	.0	49.0	152.9	160.5	131.1	119.0	99.1	52.5	.0	.0	764
1994	.0	.0	.0	61.7	141.4	142.1	143.4	127.3	114.5	49.9	.0	.0	780
1995	.0	.0	.0	47.2	131.2	161.6	151.8	133.7	116.9	47.4	.0	.0	790
1996	.0	.0	.0	40.7	107.4	155.4	142.1	165.8	105.6	51.9	.0	.0	769
1997	.0	.0	.0	49.2	138.5	143.3	160.1	161.7	122.4	56.0	.0	.0	831
1998	.0	.0	.0	69.7	163.8	133.2	144.6	174.6	114.9	43.4	.0	.0	844
1999	.0	.0	.0	58.3	113.9	146.7	135.0	115.8	105.1	57.9	.0	.0	733
2000	.0	.0	.0	61.3	148.7	174.9	156.5	143.6	109.4	64.5	.0	.0	859
MIN	.0	.0	.0	.0	88.9	105.7	121.0	90.4	59.2	26.0	.0	.0	629
MAX	.0	.0	.0	80.6	188.0	243.6	235.3	214.7	165.8	79.0	3.2	.0	980
MEAN	.0	.0	.0	47.9	136.4	157.4	169.8	157.4	107.2	51.1	.0	.0	827

GROSS EVAPORATION (mm) -- PRINCE ALBERT

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	26.9	110.5	114.8	122.9	89.3	75.1	33.3	.0	.0	573
1912	.0	.0	.0	33.3	123.4	115.6	93.8	89.8	71.6	31.6	.0	.0	559
1913	.0	.0	.0	32.0	102.4	118.5	159.7	128.6	99.2	32.8	.0	.0	673
1914	.0	.0	.0	22.4	85.9	92.0	96.6	92.2	68.7	23.7	.0	.0	482
1915	.0	.0	.0	20.1	76.6	79.2	100.8	107.1	64.6	36.4	.0	.0	485
1916	.0	.0	.0	22.8	74.1	87.2	108.5	95.7	79.7	40.5	.0	.0	508
1917	.0	.0	.0	24.5	124.6	146.8	175.2	134.9	86.0	37.4	1.5	.0	731
1918	.0	.0	.0	46.4	104.4	133.7	142.6	115.7	81.8	38.2	.0	.0	663
1919	.0	.0	.0	35.8	126.2	127.7	96.7	90.2	63.6	31.8	.0	.0	572
1920	.0	.0	.0	32.1	125.3	147.1	145.1	114.0	103.2	58.0	.0	.0	725
1921	.0	.0	.0	24.9	132.0	129.5	141.1	133.8	97.2	56.6	.0	.0	715
1922	.0	.0	.0	25.7	100.3	133.7	160.9	113.3	83.1	43.2	.0	.0	660
1923	.0	.0	.0	29.2	116.7	103.4	116.9	99.0	83.1	32.8	.0	.0	581
1924	.0	.0	.0	24.1	105.5	122.2	134.4	119.4	77.5	39.9	.0	.0	623
1925	.0	.0	.0	31.2	106.0	90.7	110.9	97.8	73.0	32.1	.0	.0	542
1926	.0	.0	.0	31.1	104.8	138.4	126.5	104.1	75.0	24.0	.0	.0	604
1927	.0	.0	.0	27.4	94.1	93.6	116.3	112.3	78.2	23.9	.0	.0	546
1928	.0	.0	.0	26.1	92.9	92.1	102.4	89.1	75.6	29.5	.0	.0	508
1929	.0	.0	.0	23.6	94.4	119.3	147.9	120.9	68.2	27.5	.0	.0	602
1930	.0	.0	.0	20.0	97.2	107.5	116.2	112.3	66.1	28.3	.0	.0	547
1931	.0	.0	.0	32.1	125.0	135.5	156.2	124.6	68.9	39.4	.0	.0	682
1932	.0	.0	.0	21.9	91.2	107.5	101.9	108.6	87.0	32.8	.0	.0	551
1933	.0	.0	.0	27.2	79.6	89.4	123.3	109.0	70.4	29.7	.0	.0	528
1934	.0	.0	.0	45.9	119.8	106.8	154.1	152.6	78.2	53.0	.0	.0	710
1935	.0	.0	.0	42.8	88.8	100.6	126.9	122.9	63.7	42.5	.0	.0	588
1936	.0	.0	.0	45.4	111.6	118.1	139.5	126.1	81.4	52.6	.0	.0	675
1937	.0	.0	.0	25.5	111.2	149.1	177.3	153.7	86.7	35.8	.0	.0	739
1938	.0	.0	.0	43.2	112.4	125.0	149.6	128.3	81.1	37.7	.0	.0	677
1939	.0	.0	.0	32.0	106.5	112.1	145.0	152.9	93.3	41.8	.0	.0	683
1940	.0	.0	.0	44.3	129.6	122.2	145.2	167.2	82.1	39.3	.0	.0	730
1941	.0	.0	.0	38.5	110.7	123.5	158.9	127.3	75.7	37.8	.0	.0	672
1942	.0	.0	.0	23.1	106.5	110.2	118.5	102.6	62.3	39.3	.0	.0	562
1943	.0	.0	.0	47.0	111.0	136.0	150.8	142.4	97.4	40.4	.0	.0	725
1944	.0	.0	.0	48.4	115.8	118.8	122.6	131.1	76.6	38.8	.0	.0	652
1945	.0	.0	.0	39.6	107.5	108.3	162.8	124.6	79.4	35.5	.0	.0	658
1946	.0	.0	.0	46.8	94.9	102.4	127.4	115.3	69.2	35.1	.0	.0	591
1947	.0	.0	.0	29.8	89.5	115.3	144.3	120.1	80.5	35.8	.0	.0	615
1948	.0	.0	.0	.0	93.9	108.0	131.5	98.8	95.0	48.5	.0	.0	576
1949	.0	.0	.0	51.6	121.6	131.2	138.1	129.8	82.7	43.0	.0	.0	698
1950	.0	.0	.0	38.5	105.4	124.5	115.2	118.8	90.3	36.9	.0	.0	630
1951	.0	.0	.0	37.7	104.4	122.3	131.6	124.1	92.0	37.2	.0	.0	649
1952	.0	.0	.0	64.0	127.1	147.7	178.2	168.9	86.6	56.7	.0	.0	829
1953	.0	.0	.0	39.0	106.5	124.7	158.2	140.7	92.2	53.7	.0	.0	715
1954	.0	.0	.0	.0	111.6	121.9	139.2	110.0	80.1	48.2	.0	.0	611
1955	.0	.0	.0	35.8	123.5	142.0	140.6	149.9	106.6	50.9	.0	.0	749
1956	.0	.0	.0	36.1	123.7	154.2	130.8	137.9	87.3	52.2	.0	.0	722
1957	.0	.0	.0	43.2	119.2	127.7	172.0	128.3	89.9	43.9	.0	.0	724
1958	.0	.0	.0	41.7	124.3	147.9	150.3	149.2	101.7	43.4	.0	.0	758
1959	.0	.0	.0	53.3	126.4	128.0	170.0	135.8	89.9	37.2	.0	.0	741
1960	.0	.0	.0	46.9	112.0	139.9	151.7	141.1	111.6	45.8	.0	.0	749
1961	.0	.0	.0	46.2	129.1	162.9	169.0	173.0	95.0	49.0	.0	.0	824
1962	.0	.0	.0	40.6	118.0	150.0	178.4	162.8	108.8	50.9	.0	.0	810
1963	.0	.0	.0	44.9	126.1	139.1	136.2	110.2	77.4	43.9	.0	.0	678
1964	.0	.0	.0	44.1	133.0	155.3	167.9	140.2	86.1	42.9	.0	.0	770
1965	.0	.0	.0	41.6	135.2	141.0	143.4	139.6	84.2	53.2	.0	.0	738
1966	.0	.0	.0	44.7	134.7	119.3	131.3	133.0	94.7	50.6	.0	.0	708
1967	.0	.0	.0	37.7	124.0	154.9	156.1	145.7	119.6	42.5	.0	.0	781
1968	.0	.0	.0	50.3	130.3	149.7	155.2	122.7	88.6	39.8	.0	.0	737
1969	.0	.0	.0	58.7	142.5	169.2	173.0	176.9	105.9	43.9	.0	.0	870
1970	.0	.0	.0	53.1	146.1	162.4	163.5	174.7	110.2	58.8	.0	.0	869
1971	.0	.0	.0	57.1	160.0	148.7	167.1	160.7	119.1	60.1	.0	.0	873
1972	.0	.0	.0	63.0	134.2	193.6	160.4	158.2	106.5	65.9	.0	.0	882
1973	.0	.0	.0	53.1	125.8	127.2	144.9	136.9	98.5	44.6	.0	.0	731
1974	.0	.0	.0	44.4	102.5	141.0	154.6	121.6	88.3	56.5	.0	.0	709
1975	.0	.0	.0	44.1	112.9	134.1	156.7	142.3	97.6	47.5	.0	.0	735
1976	.0	.0	.0	55.4	154.0	125.6	155.7	152.0	115.3	57.3	.0	.0	815
1977	.0	.0	.0	70.8	131.9	150.9	157.3	129.5	71.4	53.0	.0	.0	765
1978	.0	.0	.0	44.7	115.5	130.9	144.5	125.3	85.9	50.0	.0	.0	697
1979	.0	.0	.0	39.7	108.7	133.4	158.3	133.9	99.8	46.9	.0	.0	721
1980	.0	.0	.0	66.6	158.4	167.6	171.2	138.4	91.0	54.8	.0	.0	848
1981	.0	.0	.0	55.5	141.2	161.9	171.3	145.7	114.6	45.4	.0	.0	836
1982	.0	.0	.0	50.7	113.0	139.3	155.1	133.6	97.8	46.1	.0	.0	736
1983	.0	.0	.0	38.7	115.7	138.1	156.2	147.2	94.9	45.6	.0	.0	736
1984	.0	.0	.0	56.7	122.0	145.2	168.9	149.5	85.2	46.1	.0	.0	774
1985	.0	.0	.0	50.1	110.4	127.3	137.9	120.9	92.5	49.9	.0	.0	689
1986	.0	.0	.0	51.7	131.5	142.2	139.3	134.8	84.5	47.1	.0	.0	731
1987	.0	.0	.0	56.7	136.8	169.1	132.2	122.1	97.7	52.5	.0	.0	767
1988	.0	.0	.0	61.8	151.9	186.8	187.8	144.8	111.2	52.5	.0	.0	897
1989	.0	.0	.0	55.8	127.5	157.1	170.4	152.9	104.2	54.1	.0	.0	822
1990	.0	.0	.0	56.2	122.6	137.6	143.8	146.1	116.1	55.8	.0	.0	778
1991	.0	.0	.0	52.5	125.8	138.3	171.4	158.6	111.1	52.1	.0	.0	810
1992	.0	.0	.0	58.3	120.9	139.5	136.1	136.8	95.9	49.7	.0	.0	737
1993	.0	.0	.0	51.9	137.8	150.4	147.2	127.6	91.0	49.6	.0	.0	755
1994	.0	.0	.0	60.4	127.4	138.3	138.9	124.3	96.0	44.5	.0	.0	730
1995	.0	.0	.0	40.4	124.7	149.0	155.6	133.8	102.8	37.4	.0	.0	744
1996	.0	.0	.0	40.7	107.8	155.6	130.9	147.3	95.7	43.6	.0	.0	722
1997	.0	.0	.0	46.5	126.0	146.5	162.4	143.5	105.2	49.3	.0	.0	779
1998	.0	.0	.0	60.3	138.9	137.9	145.1	156.1	109.3	44.5	.0	.0	792
1999	.0	.0	.0	56.7	118.7	123.4	121.4	121.0	97.9	49.0	.0	.0	688
2000	.0	.0	.0	52.5	124.0	148.5	146.7	133.2	102.0	53.8	.0	.0	761
MIN	.0	.0	.0	.0	74.1	79.2	93.8	89.1	62.3	23.7	.0	.0	482
MAX	.0	.0	.0	70.8	160.0	193.6	187.8	176.9	119.6	65.9	1.5	.0	897
MEAN	.0	.0	.0	41.5	117.3	132.0	144.3	130.7	89.6	43.9	.0	.0	699

GROSS EVAPORATION (mm) -- REGINA

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	58.9	133.9	141.1	151.0	138.0	104.0	36.9	.0	.0	764
1912	.0	.0	.0	55.6	140.5	182.4	145.6	132.5	93.3	53.8	.0	.0	804
1913	.0	.0	.0	62.1	138.3	153.5	179.9	147.3	113.8	49.0	.0	.0	844
1914	.0	.0	.0	51.1	144.8	150.0	178.3	143.1	125.4	42.3	.0	.0	835
1915	.0	.0	.0	68.2	150.5	148.8	150.0	171.6	88.0	58.0	.0	.0	835
1916	.0	.0	.0	44.0	126.8	160.3	180.1	176.7	127.4	44.6	.0	.0	860
1917	.0	.0	.0	41.2	148.7	177.2	221.0	166.8	105.8	59.0	.0	.0	920
1918	.0	.0	.0	51.7	132.0	184.4	161.9	164.4	114.4	59.5	.0	.0	868
1919	.0	.0	.0	45.0	170.3	181.4	201.0	200.6	117.8	49.9	.0	.0	966
1920	.0	.0	.0	45.0	163.1	169.8	211.0	187.6	115.6	52.9	.0	.0	945
1921	.0	.0	.0	49.2	139.6	139.9	169.8	167.3	112.5	53.6	.0	.0	832
1922	.0	.0	.0	38.9	134.0	159.9	204.1	171.2	125.6	48.1	.0	.0	882
1923	.0	.0	.0	49.1	149.6	138.2	140.4	153.1	120.9	57.5	.0	.0	809
1924	.0	.0	.0	53.3	149.4	159.1	184.9	173.9	124.9	62.3	.0	.0	908
1925	.0	.0	.0	52.4	157.0	149.6	205.5	211.3	108.9	50.0	.0	.0	935
1926	.0	.0	.0	65.9	152.8	169.4	179.9	154.8	91.2	49.2	.0	.0	863
1927	.0	.0	.0	48.8	133.8	167.4	145.1	141.8	122.3	42.1	.0	.0	801
1928	.0	.0	.0	34.1	164.0	122.2	147.6	138.2	112.3	52.5	.0	.0	771
1929	.0	.0	.0	36.9	109.6	151.9	234.3	213.3	104.6	39.9	.0	.0	890
1930	.0	.0	.0	38.5	137.7	144.2	167.1	158.4	101.4	37.7	.0	.0	785
1931	.0	.0	.0	75.5	175.4	226.9	236.7	185.1	107.5	58.1	.0	.0	1065
1932	.0	.0	.0	48.4	144.4	133.2	190.4	180.6	124.9	50.7	.0	.0	873
1933	.0	.0	.0	55.0	145.9	168.5	193.8	164.9	132.5	64.3	.0	.0	925
1934	.0	.0	.0	80.8	193.3	169.4	210.9	219.5	133.8	70.4	.0	.0	1078
1935	.0	.0	.0	64.2	143.1	163.2	178.5	185.5	156.0	67.0	.0	.0	958
1936	.0	.0	.0	60.9	188.0	165.8	214.6	195.2	142.3	74.0	.0	.0	1041
1937	.0	.0	.0	59.0	177.9	245.0	252.4	241.5	152.2	58.3	.0	.0	1186
1938	.0	.0	.0	47.4	149.5	167.0	184.0	184.9	138.3	54.9	.0	.0	926
1939	.0	.0	.0	61.5	166.8	142.8	209.7	218.4	136.0	63.4	.0	.0	998
1940	.0	.0	.0	52.0	158.7	177.6	208.5	236.4	127.8	54.3	.0	.0	1015
1941	.0	.0	.0	38.4	133.6	168.0	178.4	145.3	118.0	57.4	.0	.0	839
1942	.0	.0	.0	44.6	121.9	145.5	125.5	134.4	93.2	55.3	.0	.0	721
1943	.0	.0	.0	63.2	138.9	146.2	166.5	183.3	137.0	57.0	.0	.0	892
1944	.0	.0	.0	54.9	140.1	118.4	177.3	179.6	114.6	69.2	.0	.0	854
1945	.0	.0	.0	44.0	136.2	144.6	159.9	168.0	107.7	54.3	.0	.0	815
1946	.0	.0	.0	76.6	121.9	149.2	174.9	179.0	110.4	49.9	.0	.0	862
1947	.0	.0	.0	43.9	130.5	118.2	188.2	146.8	112.0	62.1	.0	.0	802
1948	.0	.0	.0	32.4	149.2	146.8	175.0	174.2	135.4	65.6	.0	.0	879
1949	.0	.0	.0	70.1	152.4	158.9	186.7	200.8	125.7	54.0	.0	.0	949
1950	.0	.0	.0	43.1	135.1	166.2	158.9	160.8	115.5	55.6	.0	.0	835
1951	.0	.0	.0	39.8	150.4	146.5	181.5	149.6	95.5	38.8	.0	.0	802
1952	.0	.0	.0	57.5	132.6	166.4	170.5	163.5	97.4	64.4	.0	.0	852
1953	.0	.0	.0	47.5	111.2	134.6	173.8	180.9	137.9	65.8	.0	.0	852
1954	.0	.0	.0	51.8	134.2	141.0	180.5	144.5	104.2	64.7	.0	.0	821
1955	.0	.0	.0	44.4	114.3	153.3	155.4	177.0	122.0	64.7	.0	.0	831
1956	.0	.0	.0	43.1	119.8	188.8	143.9	163.6	124.4	61.2	.0	.0	845
1957	.0	.0	.0	48.4	163.8	152.5	216.0	163.8	133.5	49.5	.0	.0	927
1958	.0	.0	.0	65.1	187.9	175.3	200.7	225.9	145.7	71.4	.0	.0	1072
1959	.0	.0	.0	74.8	153.1	186.5	220.9	211.0	128.9	41.8	.0	.0	1017
1960	.0	.0	.0	55.0	154.6	183.7	185.7	187.4	135.6	75.2	.0	.0	977
1961	.0	.0	.0	66.4	167.0	230.4	247.3	274.1	148.5	66.8	.0	.0	1200
1962	.0	.0	.0	56.4	127.7	159.0	192.4	188.2	140.9	72.2	.0	.0	937
1963	.0	.0	.0	59.1	139.2	159.4	200.4	192.5	144.2	71.8	.0	.0	967
1964	.0	.0	.0	70.5	203.0	193.2	232.6	248.7	162.0	87.9	.0	.0	1198
1965	.0	.0	.0	53.5	182.5	200.1	180.3	220.4	114.4	93.3	.0	.0	1044
1966	.0	.0	.0	62.5	203.7	183.7	206.5	193.7	153.6	73.8	.0	.0	1078
1967	.0	.0	.0	44.4	162.0	184.6	243.7	222.9	159.4	54.1	.0	.0	1071
1968	.0	.0	.0	72.0	168.9	178.8	218.4	146.9	102.0	52.7	.0	.0	940
1969	.0	.0	.0	50.6	142.8	160.1	160.5	193.4	131.8	46.4	.0	.0	886
1970	.0	.0	.0	50.2	121.7	180.8	200.8	233.9	127.2	64.3	.0	.0	979
1971	.0	.0	.0	55.8	178.3	169.0	191.0	247.9	158.8	74.6	.0	.0	1075
1972	.0	.0	.0	75.7	145.1	220.8	197.0	208.6	151.1	72.7	.0	.0	1071
1973	.0	.0	.0	59.0	137.4	192.2	215.4	211.7	128.4	70.7	.0	.0	1015
1974	.0	.0	.0	41.3	116.5	195.2	222.2	162.3	112.5	68.6	.0	.0	918
1975	.0	.0	.0	41.3	135.8	147.7	199.9	179.8	126.1	61.8	.0	.0	892
1976	.0	.0	.0	62.0	191.2	150.3	203.0	225.7	159.9	81.2	.0	.0	1073
1977	.0	.0	.0	93.9	146.1	168.4	185.1	159.9	93.7	74.5	.0	.0	922
1978	.0	.0	.0	61.9	147.4	174.4	196.5	200.4	144.5	68.3	.0	.0	993
1979	.0	.0	.0	41.8	133.4	214.1	219.2	208.7	163.2	70.6	.0	.0	1051
1980	.0	.0	.0	91.0	218.8	220.7	216.4	177.0	135.4	74.8	.0	.0	1134
1981	.0	.0	.0	83.6	188.1	192.1	223.1	186.9	157.5	58.3	.0	.0	1090
1982	.0	.0	.0	59.8	135.9	179.9	176.1	182.8	135.5	52.4	.0	.0	922
1983	.0	.0	.0	57.6	137.6	195.0	170.9	209.2	133.4	59.1	.0	.0	963
1984	.0	.0	.0	81.8	171.6	184.6	249.7	251.0	128.6	63.2	.0	.0	1130
1985	.0	.0	.0	64.9	152.5	166.4	213.7	170.2	107.2	68.5	.0	.0	944
1986	.0	.0	.0	65.1	170.3	206.5	188.0	207.4	112.8	63.7	.0	.0	1014
1987	.0	.0	.0	89.9	179.8	195.0	172.7	175.0	128.4	72.2	.0	.0	1013
1988	.0	.0	.0	91.9	197.0	287.7	271.1	234.0	154.1	75.7	.0	.0	1311
1989	.0	.0	.0	72.3	163.1	193.6	213.4	213.5	134.0	66.1	.0	.0	1056
1990	.0	.0	.0	67.0	163.6	180.1	194.0	200.1	168.9	85.8	.0	.0	1059
1991	.0	.0	.0	73.3	150.0	190.7	189.0	199.4	142.5	68.8	.0	.0	1014
1992	.0	.0	.0	72.5	164.4	199.9	166.6	175.3	126.6	58.7	.0	.0	964
1993	.0	.0	.0	55.2	159.4	176.9	151.6	140.6	110.4	57.1	.0	.0	851
1994	.0	.0	.0	69.2	157.3	148.6	173.2	162.6	140.9	65.1	.0	.0	917
1995	.0	.0	.0	54.0	129.5	177.5	180.1	190.1	127.6	62.3	.0	.0	921
1996	.0	.0	.0	43.8	105.7	166.6	147.1	183.5	115.1	55.9	.0	.0	818
1997	.0	.0	.0	53.7	157.8	187.0	167.1	186.8	157.2	65.6	.0	.0	975
1998	.0	.0	.0	72.9	159.8	139.0	162.2	189.8	137.8	46.6	.0	.0	908
1999	.0	.0	.0	58.8	136.5	143.8	156.9	145.7	109.7	58.4	.0	.0	810
2000	.0	.0	.0	65.1	152.7	136.9	147.9	160.7	124.0	67.4	.0	.0	855
MIN	.0	.0	.0	32.4	105.7	118.2	125.5	132.5	88.0	36.9	.0	.0	721
MAX	.0	.0	.0	93.9	218.8	287.7	271.1	274.1	168.9	93.3	.0	.0	1311
MEAN	.0	.0	.0	57.7	151.1	170.3	188.9	184.7	126.5	60.7	.0	.0	940

GROSS EVAPORATION (mm) -- SASKATOON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	.0	.0	.0	59.2	153.6	173.5	223.8	198.5	134.1	63.5	.0	.0	1006
1936	.0	.0	.0	58.0	213.3	185.0	272.2	224.4	133.4	64.9	.0	.0	1151
1937	.0	.0	.0	70.2	188.8	262.4	286.6	224.4	136.0	55.1	.0	.0	1224
1938	.0	.0	.0	53.5	153.9	181.9	208.5	179.2	130.3	49.9	.0	.0	957
1939	.0	.0	.0	69.3	155.4	146.4	230.1	230.4	125.0	62.7	.0	.0	1019
1940	.0	.0	.0	59.7	175.3	181.0	185.9	237.6	113.6	59.8	.0	.0	1013
1941	.0	.0	.0	55.8	109.2	149.8	148.1	138.5	93.2	43.0	.0	.0	738
1942	.0	.0	.0	47.9	119.9	138.5	130.3	131.3	82.4	53.6	.0	.0	704
1943	.0	.0	.0	54.3	111.7	138.5	168.9	164.3	112.2	40.1	.0	.0	790
1944	.0	.0	.0	39.1	97.8	120.5	143.3	166.1	106.5	52.7	.0	.0	726
1945	.0	.0	.0	38.4	122.2	143.3	173.3	157.2	110.1	54.9	.0	.0	799
1946	.0	.0	.0	72.0	129.1	166.5	204.3	172.9	103.5	44.9	.0	.0	893
1947	.0	.0	.0	45.3	134.9	162.1	242.5	172.2	108.4	62.7	.0	.0	928
1948	.0	.0	.0	33.2	141.8	148.1	196.7	186.8	146.1	73.7	.0	.0	926
1949	.0	.0	.0	70.8	155.1	174.8	174.6	170.9	130.9	55.1	.0	.0	932
1950	.0	.0	.0	44.7	131.5	172.6	156.0	145.8	119.0	47.4	.0	.0	817
1951	.0	.0	.0	43.1	135.8	153.3	161.8	152.0	96.8	39.1	.0	.0	782
1952	.0	.0	.0	67.2	132.8	153.3	175.9	177.1	107.4	63.5	.0	.0	877
1953	.0	.0	.0	47.8	116.4	157.8	184.6	175.4	123.2	71.2	.0	.0	877
1954	.0	.0	.0	43.5	130.5	141.8	165.4	116.8	95.5	61.1	.0	.0	754
1955	.0	.0	.0	39.6	136.7	175.5	171.0	180.7	120.7	57.0	.0	.0	881
1956	.0	.0	.0	37.4	133.0	179.3	148.4	144.8	111.5	56.6	.0	.0	811
1957	.0	.0	.0	46.7	141.1	133.1	201.3	140.2	106.8	47.9	.0	.0	817
1958	.0	.0	.0	50.8	147.0	170.9	177.4	187.1	122.3	59.7	.0	.0	915
1959	.0	.0	.0	66.8	147.8	171.6	210.6	165.6	110.1	42.5	.0	.0	915
1960	.0	.0	.0	53.4	138.0	166.2	190.9	181.3	142.9	64.4	.0	.0	937
1961	.0	.0	.0	53.6	148.0	202.8	211.0	222.9	121.1	57.0	.0	.0	1016
1962	.0	.0	.0	50.2	129.3	176.3	179.0	167.2	111.8	56.6	.0	.0	870
1963	.0	.0	.0	44.6	112.5	131.8	147.3	137.1	99.7	59.5	.0	.0	732
1964	.0	.0	.0	53.0	141.0	162.0	188.4	181.8	88.7	46.5	.0	.0	862
1965	.0	.0	.0	43.2	173.3	174.8	177.9	194.0	101.4	76.1	.0	.0	941
1966	.0	.0	.0	51.1	178.9	149.6	168.8	169.2	134.7	65.1	.0	.0	917
1967	.0	.0	.0	43.2	161.9	182.1	268.6	235.5	198.4	47.3	.0	.0	1137
1968	.0	.0	.0	65.4	158.0	187.2	180.6	143.0	95.1	46.9	.0	.0	876
1969	.0	.0	.0	51.7	143.4	169.4	168.8	204.8	119.5	42.9	.0	.0	901
1970	.0	.0	.0	44.3	135.0	165.8	165.9	201.9	126.5	62.5	.0	.0	902
1971	.0	.0	.0	56.4	178.0	151.5	183.8	200.2	132.4	74.5	.0	.0	977
1972	.0	.0	.0	77.9	137.9	210.4	164.3	189.4	130.3	74.4	.0	.0	985
1973	.0	.0	.0	60.4	147.4	170.8	210.2	213.4	132.2	71.6	.0	.0	1006
1974	.0	.0	.0	47.9	129.8	189.2	215.6	171.2	121.5	72.4	.0	.0	947
1975	.0	.0	.0	45.4	129.5	152.0	194.6	172.3	132.6	59.6	.0	.0	886
1976	.0	.0	.0	62.6	186.9	147.3	184.5	201.8	137.6	66.8	.0	.0	987
1977	.0	.0	.0	85.4	143.8	194.5	204.5	156.3	90.5	73.0	.0	.0	948
1978	.0	.0	.0	65.4	145.0	176.7	183.1	171.1	106.0	64.6	.0	.0	912
1979	.0	.0	.0	43.4	134.8	167.1	203.4	204.9	160.6	61.6	.0	.0	976
1980	.0	.0	.0	80.5	172.3	193.4	210.2	163.8	118.1	67.1	.0	.0	1005
1981	.0	.0	.0	61.4	164.5	161.9	179.3	185.3	140.1	55.9	.0	.0	948
1982	.0	.0	.0	59.2	134.9	151.2	180.7	159.3	127.9	58.5	.0	.0	872
1983	.0	.0	.0	51.8	125.4	176.8	173.4	193.3	126.4	60.3	.0	.0	907
1984	.0	.0	.0	74.9	160.9	177.1	246.7	223.5	107.4	57.1	.0	.0	1048
1985	.0	.0	.0	57.4	134.3	167.0	197.6	174.7	111.0	68.6	.0	.0	911
1986	.0	.0	.0	65.7	149.8	168.5	170.7	178.3	99.3	51.2	.0	.0	884
1987	.0	.0	.0	68.0	161.3	206.4	168.8	156.0	133.2	70.6	.0	.0	964
1988	.0	.0	.0	78.1	187.5	264.4	239.1	164.6	132.9	62.0	.0	.0	1128
1989	.0	.0	.0	61.0	136.0	182.4	227.1	197.8	128.7	67.2	.0	.0	1000
1990	.0	.0	.0	58.3	131.1	165.9	167.5	184.5	136.3	64.8	.0	.0	908
1991	.0	.0	.0	56.7	123.9	146.2	192.6	202.8	132.7	57.0	.0	.0	912
1992	.0	.0	.0	60.5	139.3	175.9	160.3	172.0	112.4	56.0	.0	.0	876
1993	.0	.0	.0	48.7	142.1	156.7	134.6	121.0	96.5	57.2	.0	.0	757
1994	.0	.0	.0	63.0	141.1	132.4	139.9	133.5	126.5	54.7	.0	.0	791
1995	.0	.0	.0	43.7	133.3	166.7	136.8	132.2	117.5	43.8	.0	.0	774
1996	.0	.0	.0	43.2	110.0	156.7	132.6	167.9	95.2	46.5	.0	.0	752
1997	.0	.0	.0	48.9	135.4	137.3	158.3	169.4	126.8	55.7	.0	.0	832
1998	.0	.0	.0	69.3	158.1	147.3	154.5	189.8	124.7	41.2	.0	.0	885
1999	.0	.0	.0	54.2	125.6	135.0	129.4	129.4	115.0	64.5	.0	.0	753
2000	.0	.0	.0	48.0	148.8	163.6	151.6	152.4	120.9	63.6	.0	.0	849
MIN	.0	.0	.0	33.2	97.8	120.5	129.4	116.8	82.4	39.1	.0	.0	704
MAX	.0	.0	.0	85.4	213.3	264.4	286.6	237.6	198.4	76.1	.0	.0	1224
MEAN	.0	.0	.0	55.5	143.7	167.3	184.6	175.9	119.6	58.3	.0	.0	905

GROSS EVAPORATION (mm) -- SWIFT CURRENT

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	50.0	152.6	166.5	191.1	138.3	103.2	38.9	.0	.0	841
1912	.0	.0	.0	44.9	132.9	178.6	160.6	153.4	100.7	54.7	.0	.0	826
1913	.0	.0	.0	55.7	103.0	146.2	179.1	183.1	146.0	45.1	.0	.0	858
1914	.0	.0	.0	56.9	162.0	164.6	228.2	185.8	136.8	31.9	.0	.0	966
1915	.0	.0	.0	72.1	160.5	158.5	144.1	156.2	79.0	47.0	.0	.0	818
1916	.0	.0	.0	64.3	135.6	159.1	161.6	147.6	110.4	43.8	.0	.0	822
1917	.0	.0	.0	38.0	148.7	169.2	212.6	158.4	97.6	54.9	.0	.0	879
1918	.0	.0	.0	28.1	132.1	193.0	204.6	189.3	123.4	48.7	.0	.0	919
1919	.0	.0	.0	40.2	144.4	180.5	246.1	208.7	127.0	52.1	.0	.0	999
1920	.0	.0	.0	55.1	182.2	179.3	183.5	202.5	136.9	61.7	.0	.0	1001
1921	.0	.0	.0	52.3	151.1	189.9	225.9	204.0	129.6	63.7	.0	.0	1017
1922	.0	.0	.0	53.3	158.1	202.7	189.2	202.5	174.4	70.9	.0	.0	1051
1923	.0	.0	.0	46.8	166.5	179.8	173.7	154.0	153.6	90.8	.0	.0	965
1924	.0	.0	.0	69.4	178.8	181.8	288.2	184.7	128.6	65.0	.0	.0	1097
1925	.0	.0	.0	49.7	146.5	179.2	212.8	196.5	102.0	52.3	.0	.0	939
1926	.0	.0	.0	57.8	167.4	201.1	218.6	188.6	106.8	63.5	.0	.0	1004
1927	.0	.0	.0	50.2	164.7	168.8	178.8	168.7	121.8	44.3	.0	.0	897
1928	.0	.0	.0	77.2	169.8	191.9	195.2	207.9	115.6	50.7	.0	.0	1008
1929	.0	.0	.0	65.8	170.3	239.6	279.4	257.6	108.4	56.7	.0	.0	1178
1930	.0	.0	.0	83.0	191.6	235.6	222.2	208.4	125.3	48.9	.0	.0	1115
1931	.0	.0	.0	72.3	180.3	158.2	249.5	195.0	124.6	79.9	.0	.0	1060
1932	.0	.0	.0	53.3	144.0	199.0	207.6	191.5	104.2	49.0	.0	.0	949
1933	.0	.0	.0	61.0	140.0	189.3	267.1	224.3	126.9	64.2	.0	.0	1073
1934	.0	.0	.0	69.8	192.8	166.5	219.8	197.2	126.7	52.8	.0	.0	1026
1935	.0	.0	.0	61.5	137.1	170.8	201.1	200.9	161.4	78.0	.0	.0	1011
1936	.0	.0	.0	59.3	179.5	192.0	274.9	227.3	153.3	86.8	.0	.0	1173
1937	.0	.0	.0	75.1	182.9	237.8	245.3	255.7	159.1	82.5	.0	.0	1238
1938	.0	.0	.0	60.5	163.5	183.5	211.8	206.1	158.2	57.7	.0	.0	1041
1939	.0	.0	.0	68.8	148.4	142.2	210.7	225.9	145.9	66.0	28.7	.0	1037
1940	.0	.0	.0	39.8	157.6	173.3	188.1	255.3	132.9	59.8	.0	.0	1007
1941	.0	.0	.0	55.3	158.7	203.4	203.3	184.4	108.6	69.8	.0	.0	984
1942	.0	.0	.0	65.8	126.5	154.5	163.7	152.3	109.7	66.7	.0	.0	839
1943	.0	.0	.0	82.4	127.6	139.2	243.1	235.7	155.3	72.2	.0	.0	1055
1944	.0	.0	.0	51.1	145.2	129.2	197.8	173.5	125.9	87.9	.0	.0	911
1945	.0	.0	.0	47.4	129.2	159.2	241.8	215.0	121.4	69.9	.0	.0	984
1946	.0	.0	.0	71.6	135.2	164.1	203.9	183.7	116.4	51.3	.0	.0	926
1947	.0	.0	.0	43.6	138.4	136.6	254.5	187.8	130.0	58.7	.0	.0	950
1948	.0	.0	.0	37.8	131.6	139.8	186.7	185.0	152.8	84.3	.0	.0	918
1949	.0	.0	.0	78.1	139.5	163.4	196.7	224.0	158.2	62.5	28.9	.0	1051
1950	.0	.0	.0	46.0	144.6	164.2	179.9	145.9	127.3	55.6	.0	.0	864
1951	.0	.0	.0	47.6	154.7	148.2	189.2	170.2	112.8	43.5	.0	.0	866
1952	.0	.0	.0	68.2	143.8	178.8	190.6	203.1	130.0	87.7	.0	.0	1002
1953	.0	.0	.0	49.4	132.4	144.9	208.8	225.7	154.5	91.5	.0	.0	1007
1954	.0	.0	.0	52.9	139.3	166.1	214.5	156.3	109.7	73.0	25.2	.0	937
1955	.0	.0	.0	48.9	137.5	178.6	166.5	220.1	139.6	86.1	.0	.0	977
1956	.0	.0	.0	56.7	151.3	205.3	177.8	183.5	132.6	74.3	.0	.0	982
1957	.0	.0	.0	53.4	154.1	154.7	210.3	175.5	141.3	55.1	.0	.0	944
1958	.0	.0	.0	52.0	167.1	176.4	203.2	234.4	147.2	75.6	.0	.0	1056
1959	.0	.0	.0	75.9	144.7	206.2	218.0	221.9	150.6	53.0	.0	.0	1070
1960	.0	.0	.0	69.5	156.4	195.4	229.7	202.0	178.5	83.1	.0	.0	1115
1961	.0	.0	.0	62.2	148.0	240.0	238.7	259.5	149.3	72.5	.0	.0	1170
1962	.0	.0	.0	79.8	144.0	190.0	213.3	213.9	165.9	75.1	.0	.0	1082
1963	.0	.0	.0	59.3	147.6	168.3	221.3	207.3	157.6	114.4	.0	.0	1076
1964	.0	.0	.0	72.3	184.9	176.8	270.5	243.1	136.8	108.5	.0	.0	1193
1965	.0	.0	.0	44.8	167.9	162.9	191.3	195.1	106.2	96.0	.0	.0	964
1966	.0	.0	.0	60.2	190.8	181.1	218.6	213.9	161.2	86.8	.0	.0	1113
1967	.0	.0	.0	48.4	162.2	199.7	285.4	243.3	197.0	73.5	.0	.0	1209
1968	.0	.0	.0	87.4	181.4	196.5	247.7	192.8	129.3	75.8	.0	.0	1111
1969	.0	.0	.0	58.7	156.4	197.6	196.1	270.1	151.2	50.6	.0	.0	1081
1970	.0	.0	.0	52.0	138.4	206.1	191.7	237.0	150.8	73.1	.0	.0	1049
1971	.0	.0	.0	62.9	198.2	177.2	221.3	290.3	160.4	80.5	.0	.0	1191
1972	.0	.0	.0	87.9	146.3	201.1	185.4	220.3	130.5	73.3	.0	.0	1045
1973	.0	.0	.0	48.5	156.8	217.4	254.9	260.9	143.5	86.1	.0	.0	1168
1974	.0	.0	.0	50.2	128.6	218.0	232.1	164.6	130.3	93.6	.0	.0	1017
1975	.0	.0	.0	38.1	123.0	163.4	218.0	162.6	130.7	64.3	.0	.0	900
1976	.0	.0	.0	66.0	195.2	157.7	204.8	221.4	166.0	73.3	.0	.0	1084
1977	.0	.0	.0	96.0	146.7	197.7	209.3	178.0	107.2	87.2	.0	.0	1022
1978	.0	.0	.0	54.9	142.2	177.9	205.1	214.7	150.7	84.7	.0	.0	1030
1979	.0	.0	.0	43.2	134.6	193.5	205.1	191.4	160.2	82.6	.0	.0	1011
1980	.0	.0	.0	103.1	188.9	177.8	200.2	181.4	144.9	73.5	.0	.0	1070
1981	.0	.0	.0	89.7	160.8	162.1	195.6	202.2	169.2	58.3	.0	.0	1038
1982	.0	.0	.0	69.7	129.7	159.1	173.4	190.0	135.1	66.8	.0	.0	924
1983	.0	.0	.0	60.9	135.8	204.7	212.9	255.9	155.0	76.2	.0	.0	1101
1984	.0	.0	.0	92.9	173.9	186.8	263.9	278.6	114.9	69.8	.0	.0	1181
1985	.0	.0	.0	72.7	178.1	200.3	261.5	212.3	121.1	79.9	.0	.0	1126
1986	.0	.0	.0	69.5	148.0	195.1	199.5	210.4	109.7	69.0	.0	.0	1001
1987	.0	.0	.0	83.0	174.1	221.4	184.0	189.9	169.3	100.7	.0	.0	1122
1988	.0	.0	.0	94.2	208.7	248.0	245.8	212.5	142.1	77.3	.0	.0	1229
1989	.0	.0	.0	58.3	145.1	152.9	204.8	170.5	121.9	68.7	.0	.0	922
1990	.0	.0	.0	67.1	145.1	190.5	176.1	188.0	170.1	83.5	.0	.0	1020
1991	.0	.0	.0	62.1	117.3	135.3	179.0	198.6	133.2	72.6	.0	.0	898
1992	.0	.0	.0	79.7	173.8	188.0	151.4	174.1	128.3	68.1	.0	.0	963
1993	.0	.0	.0	55.6	164.0	191.0	149.0	146.9	118.5	61.3	.0	.0	886
1994	.0	.0	.0	65.7	140.3	145.6	204.2	187.3	165.6	60.4	.0	.0	969
1995	.0	.0	.0	46.3	134.5	159.7	162.3	179.2	128.7	56.6	.0	.0	867
1996	.0	.0	.0	43.7	108.9	169.3	189.5	243.2	109.4	57.3	.0	.0	921
1997	.0	.0	.0	59.4	156.9	161.9	178.8	196.3	173.5	71.3	.0	.0	998
1998	.0	.0	.0	75.2	164.1	154.2	205.3	234.2	161.7	61.7	.0	.0	1056
1999	.0	.0	.0	72.9	153.9	162.6	188.9	217.9	149.7	74.1	28.4	.0	1048
2000	.0	.0	.0	61.5	153.1	156.4	176.1	211.4	147.6	72.3	.0	.0	978
MIN	.0	.0	.0	28.1	103.0	129.2	144.1	138.3	79.0	31.9	.0	.0	818
MAX	.0	.0	.0	103.1	208.7	248.0	288.2	290.3	197.0	114.4	28.9	.0	1238
MEAN	.0	.0	.0	61.6	153.9	179.3	208.5	202.4	136.4	68.8	1.2	.0	1012

GROSS EVAPORATION (mm) -- WYNYARD

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	.0	.0	.0	46.1	144.3	170.6	160.9	162.2	93.3	69.0	.0	.0	846
1966	.0	.0	.0	44.3	157.6	150.1	171.4	152.5	122.7	61.7	.0	.0	860
1967	.0	.0	.0	39.3	140.1	173.2	209.6	204.6	158.2	53.5	.0	.0	979
1968	.0	.0	.0	61.8	159.1	180.3	193.8	144.5	108.1	50.0	.0	.0	898
1969	.0	.0	.0	60.7	153.2	162.0	179.9	197.2	119.7	41.5	.0	.0	914
1970	.0	.0	.0	47.1	124.9	171.0	172.4	200.5	119.0	57.9	.0	.0	893
1971	.0	.0	.0	49.6	173.6	137.8	160.7	180.2	119.0	62.5	.0	.0	884
1972	.0	.0	.0	59.7	129.1	204.5	159.9	184.8	119.5	67.1	.0	.0	925
1973	.0	.0	.0	46.9	118.2	151.5	177.4	178.2	115.2	61.1	.0	.0	848
1974	.0	.0	.0	43.4	103.1	179.8	201.3	143.1	99.6	60.0	.0	.0	830
1975	.0	.0	.0	37.9	114.0	137.1	184.2	159.3	107.2	54.6	.0	.0	794
1976	.0	.0	.0	53.6	167.9	130.0	185.8	186.3	143.9	65.0	.0	.0	932
1977	.0	.0	.0	75.8	141.3	174.1	182.0	156.1	88.3	72.1	.0	.0	890
1978	.0	.0	.0	45.8	128.4	159.8	152.6	160.2	101.4	55.1	.0	.0	803
1979	.0	.0	.0	32.2	103.9	151.7	183.8	160.0	125.1	52.3	.0	.0	809
1980	.0	.0	.0	77.3	177.7	182.5	182.2	141.4	111.9	54.2	.0	.0	927
1981	.0	.0	.0	58.3	142.2	155.8	169.4	146.2	125.4	47.6	.0	.0	845
1982	.0	.0	.0	57.8	112.7	140.0	156.7	151.8	110.7	48.5	.0	.0	778
1983	.0	.0	.0	45.6	118.2	166.6	156.7	188.9	122.3	58.2	.0	.0	857
1984	.0	.0	.0	62.8	141.2	155.1	210.8	212.8	100.9	53.8	.0	.0	937
1985	.0	.0	.0	56.1	131.0	147.9	164.9	150.7	103.2	66.2	.0	.0	820
1986	.0	.0	.0	51.3	153.1	151.1	161.0	172.2	98.7	55.1	.0	.0	843
1987	.0	.0	.0	72.8	158.3	188.2	140.5	153.6	125.4	60.6	.0	.0	899
1988	.0	.0	.0	66.8	154.0	233.1	223.0	183.4	123.4	63.8	.0	.0	1047
1989	.0	.0	.0	55.9	149.0	161.2	199.3	176.0	124.9	63.6	.0	.0	930
1990	.0	.0	.0	53.2	131.3	154.8	168.7	170.4	132.3	71.3	.0	.0	882
1991	.0	.0	.0	58.3	125.5	165.2	180.1	175.9	110.8	52.7	.0	.0	868
1992	.0	.0	.0	51.8	123.0	148.2	136.1	143.9	107.7	53.6	.0	.0	764
1993	.0	.0	.0	48.2	133.4	148.8	131.4	117.2	96.8	50.0	.0	.0	726
1994	.0	.0	.0	56.9	133.4	123.6	126.1	117.6	108.4	49.5	.0	.0	716
1995	.0	.0	.0	37.0	117.3	144.9	137.3	136.8	111.0	38.3	.0	.0	723
1996	.0	.0	.0	40.4	104.5	138.5	120.2	154.1	96.5	47.7	.0	.0	702
1997	.0	.0	.0	47.3	119.0	126.6	136.4	151.9	122.1	51.7	.0	.0	755
1998	.0	.0	.0	55.5	113.6	109.3	112.7	134.2	100.9	38.7	.0	.0	665
1999	.0	.0	.0	49.4	116.5	117.3	126.2	116.0	101.1	56.1	.0	.0	683
2000	.0	.0	.0	49.5	127.1	128.7	143.5	139.9	100.8	59.8	.0	.0	749
MIN	.0	.0	.0	32.2	103.1	109.3	112.7	116.0	88.3	38.3	.0	.0	665
MAX	.0	.0	.0	77.3	177.7	233.1	223.0	212.8	158.2	72.1	.0	.0	1047
MEAN	.0	.0	.0	52.7	134.5	156.1	165.5	161.2	113.2	56.2	.0	.0	839

GROSS EVAPORATION (mm) -- YORKTON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	38.0	96.8	122.5	144.1	137.0	107.2	52.1	.0	.0	698
1954	.0	.0	.0	42.7	116.8	146.6	150.6	136.8	97.1	57.0	.0	.0	747
1955	.0	.0	.0	45.3	139.0	155.8	152.6	177.8	117.9	66.8	.0	.0	855
1956	.0	.0	.0	42.9	128.6	166.6	150.6	160.3	117.8	61.6	.0	.0	828
1957	.0	.0	.0	40.3	159.7	147.7	202.4	138.7	116.0	53.9	.0	.0	859
1958	.0	.0	.0	59.6	164.0	167.5	188.1	190.4	112.0	52.1	.0	.0	934
1959	.0	.0	.0	57.4	152.8	172.6	192.7	170.1	105.1	43.4	.0	.0	894
1960	.0	.0	.0	44.2	131.9	161.4	189.1	172.4	127.6	58.9	.0	.0	886
1961	.0	.0	.0	60.0	141.0	208.2	211.5	241.8	137.5	62.9	.0	.0	1063
1962	.0	.0	.0	45.4	123.4	155.2	189.6	176.3	117.0	58.0	.0	.0	865
1963	.0	.0	.0	51.0	119.6	149.2	160.0	152.0	115.6	67.0	.0	.0	814
1964	.0	.0	.0	47.3	148.1	172.1	177.9	160.8	116.7	62.2	.0	.0	885
1965	.0	.0	.0	42.7	144.6	173.0	169.8	159.8	95.3	74.0	.0	.0	859
1966	.0	.0	.0	44.8	160.5	161.6	187.4	153.9	132.4	66.8	.0	.0	907
1967	.0	.0	.0	39.4	152.7	207.0	232.0	216.3	160.7	54.4	.0	.0	1062
1968	.0	.0	.0	60.9	154.2	182.8	190.5	148.5	115.4	51.9	.0	.0	904
1969	.0	.0	.0	55.1	150.5	179.5	187.5	180.5	113.9	43.2	.0	.0	910
1970	.0	.0	.0	47.8	116.8	159.5	150.4	186.6	111.2	52.3	.0	.0	825
1971	.0	.0	.0	48.7	154.7	135.1	159.8	160.5	119.7	61.9	.0	.0	840
1972	.0	.0	.0	53.5	119.8	189.3	150.8	150.7	107.8	60.8	.0	.0	833
1973	.0	.0	.0	51.5	116.3	138.3	158.6	157.9	106.0	55.9	.0	.0	784
1974	.0	.0	.0	38.1	104.1	171.8	180.2	136.8	103.8	61.5	.0	.0	796
1975	.0	.0	.0	34.3	114.3	128.4	185.3	146.8	102.2	53.3	.0	.0	765
1976	.0	.0	.0	49.4	159.9	132.9	183.5	165.8	136.6	71.4	.0	.0	900
1977	.0	.0	.0	82.6	153.8	173.4	170.6	152.8	84.6	68.8	.0	.0	887
1978	.0	.0	.0	49.1	147.1	170.5	163.2	169.0	112.9	59.8	.0	.0	872
1979	.0	.0	.0	41.2	122.2	184.7	209.4	166.0	114.3	56.6	.0	.0	894
1980	.0	.0	.0	73.1	185.6	174.3	171.3	133.4	105.7	57.1	.0	.0	900
1981	.0	.0	.0	69.4	137.5	163.0	175.1	144.2	121.0	44.9	.0	.0	855
1982	.0	.0	.0	58.6	121.2	139.3	142.4	128.2	99.9	43.6	.0	.0	733
1983	.0	.0	.0	37.3	108.4	153.1	148.0	175.1	116.7	49.3	.0	.0	788
1984	.0	.0	.0	61.6	133.6	154.0	185.3	191.5	101.5	53.4	.0	.0	881
1985	.0	.0	.0	59.9	129.0	143.2	157.5	137.3	97.8	67.1	.0	.0	792
1986	.0	.0	.0	51.2	161.0	160.8	163.6	166.9	94.1	56.2	.0	.0	854
1987	.0	.0	.0	79.7	172.1	162.9	124.4	145.5	104.0	57.5	.0	.0	846
1988	.0	.0	.0	61.6	134.7	201.8	202.7	181.7	113.0	57.1	.0	.0	953
1989	.0	.0	.0	62.3	150.7	146.6	163.3	152.5	112.5	61.1	.0	.0	849
1990	.0	.0	.0	52.2	126.8	152.0	159.5	160.4	132.7	65.7	.0	.0	849
1991	.0	.0	.0	43.4	111.6	136.5	153.3	142.7	103.2	54.6	.0	.0	745
1992	.0	.0	.0	51.3	131.1	142.9	124.8	126.9	101.0	52.1	.0	.0	730
1993	.0	.0	.0	48.9	132.0	143.4	141.6	124.6	99.5	56.0	.0	.0	746
1994	.0	.0	.0	61.6	145.8	145.0	128.8	118.5	102.4	55.3	.0	.0	757
1995	.0	.0	.0	35.7	113.2	140.0	134.4	133.6	110.3	39.2	.0	.0	706
1996	.0	.0	.0	40.6	111.4	150.7	127.5	148.2	102.4	50.1	.0	.0	731
1997	.0	.0	.0	47.1	138.3	152.6	152.2	158.3	110.2	47.9	.0	.0	807
1998	.0	.0	.0	63.6	129.1	123.2	125.5	146.3	105.8	38.7	.0	.0	732
1999	.0	.0	.0	55.3	118.4	122.5	134.4	122.1	99.8	56.1	.0	.0	709
2000	.0	.0	.0	54.3	140.4	137.2	141.3	141.4	104.5	59.4	.0	.0	779
MIN	.0	.0	.0	34.3	96.8	122.5	124.4	118.5	84.6	38.7	.0	.0	698
MAX	.0	.0	.0	82.6	185.6	208.2	232.0	241.8	160.7	74.0	.0	.0	1063
MEAN	.0	.0	.0	51.7	135.9	157.5	165.5	157.2	111.3	56.5	.0	.0	836

MANITOBA

GROSS EVAPORATION (mm) -- BRANDON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	.0	.0	.0	53.9	137.9	129.9	177.2	180.2	102.3	48.5	.0	.0	830
1940	.0	.0	.0	53.5	124.4	153.2	159.4	163.1	86.7	40.6	.0	.0	781
1941	.0	.0	.0	30.7	119.5	133.0	134.4	124.7	85.3	36.6	.0	.0	664
1942	.0	.0	.0	38.7	109.6	129.6	129.0	114.2	77.4	48.5	.0	.0	647
1943	.0	.0	.0	52.2	104.7	117.0	137.3	143.7	116.7	57.2	.0	.0	729
1944	.0	.0	.0	46.2	113.3	110.5	129.0	131.8	84.3	43.6	.0	.0	659
1945	.0	.0	.0	43.5	99.1	132.4	124.1	136.2	110.0	51.1	.0	.0	696
1946	.0	.0	.0	56.1	119.5	142.6	156.3	156.1	103.2	46.9	.0	.0	781
1947	.0	.0	.0	43.5	116.0	137.7	142.5	134.0	105.3	59.2	.0	.0	738
1948	.0	.0	.0	37.2	113.9	124.7	158.6	125.8	123.4	54.7	.0	.0	738
1949	.0	.0	.0	51.7	129.8	149.2	158.9	153.2	112.8	53.1	.0	.0	809
1950	.0	.0	.0	47.0	115.8	141.1	127.9	133.1	99.5	53.2	.0	.0	718
1951	.0	.0	.0	41.1	141.1	146.4	171.6	127.1	86.7	38.8	.0	.0	753
1952	.0	.0	.0	52.1	124.3	146.7	167.9	152.4	107.0	63.7	.0	.0	814
1953	.0	.0	.0	49.5	109.6	119.0	131.9	147.5	100.5	50.4	.0	.0	708
1954	.0	.0	.0	47.1	116.1	132.4	156.0	142.5	100.2	55.1	.0	.0	749
1955	.0	.0	.0	41.7	137.3	138.4	148.4	157.2	112.4	54.4	.0	.0	790
1956	.0	.0	.0	35.5	114.5	143.9	135.4	144.9	102.1	52.4	.0	.0	728
1957	.0	.0	.0	46.5	148.5	130.8	168.5	140.1	101.6	41.9	.0	.0	778
1958	.0	.0	.0	61.3	138.7	138.9	152.9	167.7	122.0	53.9	.0	.0	835
1959	.0	.0	.0	61.2	133.1	141.3	178.0	172.0	109.8	42.9	.0	.0	838
1960	.0	.0	.0	50.2	122.8	156.7	169.4	155.7	112.2	60.5	.0	.0	827
1961	.0	.0	.0	56.4	122.5	198.0	175.7	212.1	107.4	55.2	.0	.0	927
1962	.0	.0	.0	41.5	113.6	135.6	152.7	141.2	109.1	44.1	.0	.0	738
1963	.0	.0	.0	42.1	114.9	127.2	137.3	127.7	96.0	50.7	.0	.0	696
1964	.0	.0	.0	40.0	121.5	137.0	129.0	132.1	88.6	56.7	.0	.0	705
1965	.0	.0	.0	29.8	117.8	158.9	128.6	128.9	78.5	58.6	.0	.0	701
1966	.0	.0	.0	41.4	121.3	140.1	158.2	141.7	105.2	57.6	.0	.0	765
1967	.0	.0	.0	39.0	138.8	157.5	175.0	164.6	129.0	46.0	.0	.0	850
1968	.0	.0	.0	47.6	117.3	152.5	156.6	123.7	85.6	40.1	.0	.0	723
1969	.0	.0	.0	39.3	123.2	141.4	126.2	130.4	90.0	42.6	.0	.0	693
1970	.0	.0	.0	43.6	127.4	165.6	166.8	171.2	108.6	57.7	.0	.0	841
1971	.0	.0	.0	59.2	148.0	123.0	168.9	165.8	109.9	53.1	.0	.0	828
1972	.0	.0	.0	47.9	123.9	165.3	154.3	157.0	117.9	62.8	.0	.0	829
1973	.0	.0	.0	71.7	159.2	178.0	179.0	154.8	109.8	55.2	.0	.0	908
1974	.0	.0	.0	40.2	111.1	180.2	168.4	142.2	106.4	67.7	.0	.0	816
1975	.0	.0	.0	41.8	124.6	134.7	168.3	135.5	96.7	51.8	.0	.0	753
1976	.0	.0	.0	51.4	158.0	127.0	157.7	157.7	128.9	67.7	.0	.0	848
1977	.0	.0	.0	82.7	147.7	138.3	142.7	142.5	84.0	66.6	.0	.0	805
1978	.0	.0	.0	58.1	143.9	154.6	136.7	160.6	121.6	56.4	.0	.0	832
1979	.0	.0	.0	36.9	118.1	163.2	160.9	148.8	104.1	44.7	.0	.0	777
1980	.0	.0	.0	73.7	171.4	169.9	166.2	123.2	93.0	48.4	.0	.0	846
1981	.0	.0	.0	56.8	125.3	128.0	153.4	137.1	111.9	49.8	.0	.0	762
1982	.0	.0	.0	54.1	120.3	143.0	141.3	140.7	120.3	46.5	.0	.0	766
1983	.0	.0	.0	44.6	121.7	146.6	128.5	160.0	124.3	45.4	.0	.0	771
1984	.0	.0	.0	64.9	145.5	151.4	177.1	192.8	103.3	47.0	.0	.0	882
1985	.0	.0	.0	65.8	143.6	148.0	158.6	135.0	91.5	57.7	.0	.0	800
1986	.0	.0	.0	47.8	149.9	138.9	131.3	143.9	94.8	46.2	.0	.0	753
1987	.0	.0	.0	65.5	144.2	147.8	131.0	143.2	100.1	54.2	.0	.0	786
1988	.0	.0	.0	78.2	141.3	193.9	173.6	186.5	118.6	58.1	.0	.0	950
1989	.0	.0	.0	59.9	152.1	154.0	168.0	168.8	124.3	66.3	.0	.0	894
1990	.0	.0	.0	52.8	130.5	136.7	147.5	160.8	107.3	59.2	.0	.0	795
1991	.0	.0	.0	47.0	130.3	143.7	138.1	149.2	100.5	56.3	.0	.0	765
1992	.0	.0	.0	45.7	147.7	139.1	120.2	131.4	97.7	46.9	.0	.0	729
1993	.0	.0	.0	47.1	132.6	141.8	118.2	121.1	97.4	55.1	.0	.0	713
1994	.0	.0	.0	68.8	140.3	127.7	141.2	123.9	98.3	53.6	.0	.0	754
1995	.0	.0	.0	38.9	122.6	136.5	146.6	159.6	108.0	41.6	.0	.0	754
1996	.0	.0	.0	38.5	110.7	152.8	135.5	149.9	100.9	45.6	.0	.0	734
1997	.0	.0	.0	48.8	135.2	157.5	131.9	152.4	123.2	51.1	.0	.0	800
1998	.0	.0	.0	60.0	119.2	108.7	125.7	135.2	99.8	38.4	.0	.0	687
1999	.0	.0	.0	50.9	107.1	122.0	135.6	123.3	91.5	50.5	.0	.0	681
2000	.0	.0	.0	59.9	128.9	122.0	120.8	139.7	97.8	54.4	.0	.0	724
MIN	.0	.0	.0	29.8	99.1	108.7	118.2	114.2	77.4	36.6	.0	.0	647
MAX	.0	.0	.0	82.7	171.4	198.0	179.0	212.1	129.0	67.7	.0	.0	950
MEAN	.0	.0	.0	50.3	128.4	143.3	149.2	147.1	103.9	51.9	.0	.0	774

GROSS EVAPORATION (mm) -- CHURCHILL

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	.0	.0	.0	.0	.0	73.1	115.3	94.7	66.5	.0	.0	.0	350
1950	.0	.0	.0	.0	.0	77.0	114.2	105.2	57.8	.0	.0	.0	354
1951	.0	.0	.0	.0	.0	75.8	123.1	102.1	60.1	.0	.0	.0	361
1952	.0	.0	.0	.0	9.2	77.0	114.5	102.3	58.9	.0	.0	.0	362
1953	.0	.0	.0	.0	.0	67.8	118.3	119.1	70.3	20.4	.0	.0	396
1954	.0	.0	.0	.0	.0	73.3	119.9	96.7	62.0	16.4	.0	.0	368
1955	.0	.0	.0	.0	.0	74.9	126.2	119.1	79.3	.0	.0	.0	400
1956	.0	.0	.0	.0	.0	85.4	149.1	125.3	84.2	.0	.0	.0	444
1957	.0	.0	.0	.0	.0	85.4	136.4	130.2	82.3	.0	.0	.0	434
1958	.0	.0	.0	.0	.0	78.9	130.9	118.9	78.4	21.0	.0	.0	428
1959	.0	.0	.0	.0	.0	94.7	149.8	125.7	88.6	.0	.0	.0	459
1960	.0	.0	.0	.0	.0	93.4	135.2	119.1	79.9	.0	.0	.0	428
1961	.0	.0	.0	.0	.0	89.3	126.0	119.3	80.3	.0	.0	.0	415
1962	.0	.0	.0	.0	.0	66.0	111.6	109.5	70.9	19.4	.0	.0	377
1963	.0	.0	.0	.0	.0	102.7	133.6	113.8	71.6	16.8	.0	.0	439
1964	.0	.0	.0	.0	.0	85.8	119.7	125.2	83.0	.0	.0	.0	414
1965	.0	.0	.0	.0	.0	111.4	157.9	127.1	88.5	.0	.0	.0	485
1966	.0	.0	.0	.0	.0	94.3	151.6	134.5	86.3	.0	.0	.0	467
1967	.0	.0	.0	.0	.0	117.1	160.0	145.2	90.7	.0	.0	.0	513
1968	.0	.0	.0	.0	.0	96.5	137.0	115.0	63.2	14.6	.0	.0	426
1969	.0	.0	.0	.0	.0	96.0	144.5	125.5	86.5	.0	.0	.0	453
1970	.0	.0	.0	.0	.0	110.1	153.9	133.8	89.5	.0	.0	.0	487
1971	.0	.0	.0	.0	29.7	81.4	130.6	129.5	88.5	29.1	.0	.0	489
1972	.0	.0	.0	.0	.0	94.8	131.0	122.2	76.5	.0	.0	.0	424
1973	.0	.0	.0	.0	21.0	87.0	138.9	122.3	98.1	23.4	.0	.0	491
1974	.0	.0	.0	.0	.0	93.6	131.0	129.0	85.5	.0	.0	.0	439
1975	.0	.0	.0	.0	20.0	78.7	136.8	121.2	81.7	.0	.0	.0	438
1976	.0	.0	.0	.0	.0	105.4	169.2	147.7	84.6	.0	.0	.0	507
1977	.0	.0	.0	.0	27.0	106.0	133.6	118.7	64.8	28.0	.0	.0	478
1978	.0	.0	.0	.0	.0	104.0	127.4	117.6	72.6	.0	.0	.0	422
1979	.0	.0	.0	.0	.0	97.8	128.5	126.0	77.8	.0	.0	.0	430
1980	.0	.0	.0	.0	26.4	91.8	140.5	122.8	91.3	.0	.0	.0	473
1981	.0	.0	.0	.0	.0	91.4	128.1	115.5	81.9	.0	.0	.0	417
1982	.0	.0	.0	.0	19.5	77.2	121.5	108.2	71.9	24.0	.0	.0	422
1983	.0	.0	.0	.0	.0	79.7	123.4	108.8	69.7	21.0	.0	.0	403
1984	.0	.0	.0	.0	.0	94.4	118.5	124.7	79.6	.0	.0	.0	417
1985	.0	.0	.0	.0	.0	86.6	127.5	126.9	86.0	.0	.0	.0	427
1986	.0	.0	.0	.0	20.3	90.9	122.9	124.7	69.4	.0	.0	.0	428
1987	.0	.0	.0	.0	.0	96.0	126.1	114.4	67.1	.0	.0	.0	403
1988	.0	.0	.0	.0	.0	86.2	115.5	108.8	61.3	.0	.0	.0	372
1989	.0	.0	.0	.0	.0	83.0	155.6	108.7	81.9	.0	.0	.0	429
1990	.0	.0	.0	.0	.0	98.4	132.7	127.3	81.7	.0	.0	.0	440
1991	.0	.0	.0	.0	.0	97.9	134.4	112.8	73.6	.0	.0	.0	419
1992	.0	.0	.0	.0	.0	81.3	104.6	110.0	78.7	.0	.0	.0	375
1993	.0	.0	.0	.0	.0	84.7	123.6	102.4	91.5	.0	.0	.0	402
1994	.0	.0	.0	.0	.0	105.9	144.8	126.8	78.5	13.8	.0	.0	470
1995	.0	.0	.0	.0	.0	95.7	123.4	121.1	85.0	29.9	.0	.0	455
1996	.0	.0	.0	.0	.0	81.0	124.5	115.6	81.8	.0	.0	.0	403
1997	.0	.0	.0	.0	.0	91.9	151.2	119.5	77.7	.0	.0	.0	440
1998	.0	.0	.0	.0	27.4	97.8	142.2	129.9	68.6	24.2	.0	.0	490
1999	.0	.0	.0	.0	29.1	110.8	159.1	128.2	87.7	.0	.0	.0	515
2000	.0	.0	.0	.0	.0	104.2	131.1	129.1	87.5	17.9	.0	.0	470
MIN	.0	.0	.0	.0	.0	66.0	104.6	94.7	57.8	.0	.0	.0	350
MAX	.0	.0	.0	.0	29.7	117.1	169.2	147.7	98.1	29.9	.0	.0	515
MEAN	.0	.0	.0	.0	4.4	90.4	132.8	119.8	78.1	6.2	.0	.0	432

GROSS EVAPORATION (mm) -- DAUPHIN

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	.0	.0	.0	40.0	110.6	120.7	109.3	113.9	86.0	44.6	.0	.0	625
1951	.0	.0	.0	38.5	135.5	122.5	122.8	107.1	74.1	35.9	.0	.0	636
1952	.0	.0	.0	58.4	98.6	121.4	143.5	134.8	89.0	65.9	.0	.0	712
1953	.0	.0	.0	27.3	106.9	117.4	148.4	133.2	97.9	42.4	.0	.0	674
1954	.0	.0	.0	44.3	118.7	131.7	136.5	117.9	82.8	52.0	.0	.0	684
1955	.0	.0	.0	38.7	116.7	120.3	148.0	160.7	114.2	60.6	.0	.0	759
1956	.0	.0	.0	43.2	112.2	155.2	119.2	131.2	93.5	54.8	.0	.0	709
1957	.0	.0	.0	41.0	137.1	135.9	171.6	127.3	99.1	54.2	.0	.0	766
1958	.0	.0	.0	58.6	153.1	142.5	163.5	159.7	105.2	51.1	.0	.0	834
1959	.0	.0	.0	56.3	135.3	133.5	173.1	152.0	98.6	42.5	.0	.0	791
1960	.0	.0	.0	44.0	131.5	161.7	180.9	157.2	124.5	67.7	.0	.0	868
1961	.0	.0	.0	53.9	142.8	191.1	191.0	210.9	110.8	54.6	.0	.0	955
1962	.0	.0	.0	47.5	115.1	145.2	140.0	147.8	105.9	51.2	.0	.0	753
1963	.0	.0	.0	41.4	124.9	129.9	147.6	130.9	100.3	64.3	.0	.0	739
1964	.0	.0	.0	43.5	151.4	164.9	147.9	144.8	108.3	65.7	.0	.0	827
1965	.0	.0	.0	35.6	126.1	149.3	139.8	133.6	91.7	61.0	.0	.0	737
1966	.0	.0	.0	34.5	107.8	138.1	150.0	130.0	121.3	56.0	.0	.0	738
1967	.0	.0	.0	36.2	135.6	175.9	176.8	169.0	139.6	51.0	.0	.0	884
1968	.0	.0	.0	47.5	128.0	166.2	168.1	132.5	106.4	44.4	.0	.0	793
1969	.0	.0	.0	57.2	148.9	171.9	165.8	160.3	99.9	45.8	.0	.0	850
1970	.0	.0	.0	40.9	127.5	170.3	178.4	178.5	122.9	57.3	.0	.0	876
1971	.0	.0	.0	51.3	160.2	130.5	174.1	152.2	122.2	54.8	.0	.0	845
1972	.0	.0	.0	56.1	115.9	205.2	155.8	141.6	122.5	71.8	.0	.0	869
1973	.0	.0	.0	58.8	141.2	159.5	188.0	171.5	118.0	56.1	.0	.0	893
1974	.0	.0	.0	50.0	111.5	204.9	207.1	180.1	115.4	70.7	.0	.0	940
1975	.0	.0	.0	50.3	126.9	134.9	189.9	140.8	98.3	52.7	.0	.0	794
1976	.0	.0	.0	56.2	165.2	133.7	190.7	169.8	142.3	69.9	.0	.0	928
1977	.0	.0	.0	78.6	140.6	134.7	149.7	140.8	76.3	71.2	.0	.0	792
1978	.0	.0	.0	46.8	153.9	141.0	132.0	138.8	91.9	49.7	.0	.0	754
1979	.0	.0	.0	42.0	110.2	167.0	189.7	162.4	111.1	57.3	.0	.0	840
1980	.0	.0	.0	81.9	190.8	166.7	151.4	132.5	90.8	54.5	.0	.0	868
1981	.0	.0	.0	57.4	137.9	149.3	166.6	129.2	117.4	51.7	.0	.0	810
1982	.0	.0	.0	61.6	139.2	178.0	201.9	159.3	134.5	45.2	.0	.0	920
1983	.0	.0	.0	37.9	115.7	160.1	149.2	179.9	135.9	53.5	.0	.0	832
1984	.0	.0	.0	65.5	127.6	162.2	188.4	186.1	104.8	51.4	.0	.0	886
1985	.0	.0	.0	58.7	130.5	151.0	159.5	126.1	99.2	66.4	.0	.0	791
1986	.0	.0	.0	43.0	144.3	139.4	144.3	160.1	88.6	55.7	.0	.0	775
1987	.0	.0	.0	66.4	143.7	148.5	125.0	150.1	100.1	52.5	.0	.0	786
1988	.0	.0	.0	63.9	115.6	165.8	166.2	164.6	114.5	60.3	.0	.0	851
1989	.0	.0	.0	60.8	161.3	142.3	156.6	156.4	123.5	69.2	.0	.0	870
1990	.0	.0	.0	45.1	105.7	114.1	119.6	130.3	95.9	56.6	.0	.0	667
1991	.0	.0	.0	48.8	108.6	145.6	141.2	148.0	114.7	58.8	.0	.0	766
1992	.0	.0	.0	44.0	128.4	123.1	121.0	126.1	99.4	53.7	.0	.0	696
1993	.0	.0	.0	47.6	131.1	140.9	129.6	118.4	99.9	54.2	.0	.0	722
1994	.0	.0	.0	59.3	141.6	118.4	127.1	116.3	99.8	56.3	.0	.0	719
1995	.0	.0	.0	36.0	120.4	155.0	157.7	152.8	122.9	45.8	.0	.0	791
1996	.0	.0	.0	36.9	112.1	153.7	116.3	139.8	86.4	48.4	.0	.0	694
1997	.0	.0	.0	51.0	122.8	148.3	145.3	150.9	115.8	52.5	.0	.0	787
1998	.0	.0	.0	65.3	118.1	112.9	134.8	155.0	101.1	42.0	.0	.0	729
1999	.0	.0	.0	66.2	120.5	124.6	135.9	119.6	94.5	55.7	.0	.0	717
2000	.0	.0	.0	52.9	134.3	133.8	120.0	146.5	103.7	63.6	.0	.0	755
MIN	.0	.0	.0	27.3	98.6	112.9	109.3	107.1	74.1	35.9	.0	.0	625
MAX	.0	.0	.0	81.9	190.8	205.2	207.1	210.9	142.3	71.8	.0	.0	955
MEAN	.0	.0	.0	50.4	130.2	147.3	154.1	146.7	106.1	55.4	.0	.0	790

GROSS EVAPORATION (mm) -- FLIN FLON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	.0	.0	.0	.0	39.0	119.3	142.0	119.4	60.3	.0	.0	.0	480
1970	.0	.0	.0	.0	34.5	92.9	145.4	131.4	66.5	20.1	.0	.0	491
1971	.0	.0	.0	.0	32.4	104.2	139.7	122.6	74.3	22.9	.0	.0	496
1972	.0	.0	.0	.0	30.4	108.6	138.7	117.1	70.1	29.2	.0	.0	494
1973	.0	.0	.0	.0	35.4	101.4	136.0	126.5	73.3	15.9	.0	.0	488
1974	.0	.0	.0	.0	28.4	100.6	134.0	111.4	63.8	24.0	.0	.0	462
1975	.0	.0	.0	.0	16.2	73.4	131.7	105.5	66.5	19.3	.0	.0	413
1976	.0	.0	.0	.0	40.6	100.5	129.7	120.3	82.3	27.2	.0	.0	501
1977	.0	.0	.0	.0	18.4	82.3	115.9	88.3	46.3	18.0	.0	.0	369
1978	.0	.0	.0	.0	24.1	88.8	137.0	98.7	60.5	11.6	.0	.0	421
1979	.0	.0	.0	.0	27.7	92.6	133.0	111.0	63.6	14.6	.0	.0	442
1980	.0	.0	.0	24.0	38.2	97.0	128.2	110.9	65.3	16.3	.0	.0	480
1981	.0	.0	.0	.0	27.6	95.7	143.6	102.0	67.6	16.9	.0	.0	453
1982	.0	.0	.0	.0	15.2	97.1	128.8	108.5	73.6	13.7	.0	.0	437
1983	.0	.0	.0	.0	6.8	99.7	124.0	119.9	67.7	19.2	.0	.0	437
1984	.0	.0	.0	14.5	32.4	102.1	151.9	128.3	72.0	22.5	.0	.0	524
1985	.0	.0	.0	.0	27.7	82.2	126.0	106.6	73.9	1.7	.0	.0	418
1986	.0	.0	.0	.0	30.0	110.2	117.7	119.3	63.1	22.8	.0	.0	463
1987	.0	.0	.0	20.7	32.9	107.0	119.0	131.2	67.9	23.5	.0	.0	502
1988	.0	.0	.0	.0	30.0	116.0	143.8	139.6	78.6	27.1	.0	.0	535
1989	.0	.0	.0	.0	27.5	112.0	148.8	121.5	69.4	24.2	.0	.0	503
1990	.0	.0	.0	.0	33.0	100.6	134.6	134.6	78.7	18.6	.0	.0	500
1991	.0	.0	.0	.0	28.9	109.5	156.1	145.2	75.3	.0	.0	.0	515
1992	.0	.0	.0	.0	35.4	101.2	136.2	126.7	67.9	22.3	.0	.0	490
1993	.0	.0	.0	.0	32.9	106.8	99.3	88.4	68.1	22.3	.0	.0	418
1994	.0	.0	.0	.0	31.5	110.3	125.2	118.3	77.1	16.1	.0	.0	478
1995	.0	.0	.0	.0	37.8	103.0	121.7	101.1	73.7	9.0	.0	.0	446
1996	.0	.0	.0	.0	25.7	93.3	124.7	129.5	65.1	16.7	.0	.0	455
1997	.0	.0	.0	.0	48.3	84.7	128.5	99.1	58.5	12.3	.0	.0	431
1998	.0	.0	.0	23.7	29.2	91.6	140.9	115.5	66.0	15.1	.0	.0	482
1999	.0	.0	.0	.0	21.4	88.1	132.6	117.6	67.9	18.1	.0	.0	446
2000	.0	.0	.0	.0	17.0	88.5	118.5	115.3	92.5	44.5	.0	.0	476
MIN	.0	.0	.0	.0	6.8	73.4	99.3	88.3	46.3	.0	.0	.0	369
MAX	.0	.0	.0	24.0	48.3	119.3	156.1	145.2	92.5	44.5	.0	.0	535
MEAN	.0	.0	.0	2.6	29.3	98.8	132.3	116.6	69.3	18.3	.0	.0	467

GROSS EVAPORATION (mm) -- GILLAM

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	.0	.0	.0	.0	18.2	93.9	126.7	109.2	59.6	10.1	.0	.0	418
1955	.0	.0	.0	.0	8.6	57.6	98.9	73.6	57.6	13.4	.0	.0	310
1956	.0	.0	.0	.0	.0	71.0	96.0	89.9	52.1	13.0	.0	.0	322
1957	.0	.0	.0	.0	21.6	92.3	119.3	104.1	65.9	19.0	.0	.0	422
1958	.0	.0	.0	.0	24.8	71.8	110.8	89.4	47.9	11.0	.0	.0	356
1959	.0	.0	.0	.0	16.1	82.3	109.3	87.3	46.4	.0	.0	.0	341
1960	.0	.0	.0	.0	16.8	80.3	141.8	117.9	65.7	.0	.0	.0	422
1961	.0	.0	.0	.0	25.9	100.7	117.9	99.8	63.0	.0	.0	.0	407
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	.0	.0	.0	.0	32.3	94.0	138.9	124.1	79.0	17.6	.0	.0	486
1972	.0	.0	.0	.0	20.8	104.0	139.6	131.2	77.0	.0	.0	.0	473
1973	.0	.0	.0	.0	31.0	112.4	139.5	136.7	85.9	14.7	.0	.0	520
1974	.0	.0	.0	.0	28.4	106.4	144.2	128.1	75.6	.0	.0	.0	483
1975	.0	.0	.0	.0	25.1	86.3	146.7	123.7	80.0	25.0	.0	.0	487
1976	.0	.0	.0	.0	34.6	107.5	159.3	139.5	78.7	.0	.0	.0	520
1977	.0	.0	.0	.0	23.0	85.5	126.3	104.2	59.0	21.0	.0	.0	419
1978	.0	.0	.0	.0	25.0	97.2	141.9	122.1	61.3	.0	.0	.0	448
1979	.0	.0	.0	.0	30.8	100.0	134.1	120.4	68.7	.0	.0	.0	454
1980	.0	.0	.0	.0	23.1	92.0	133.3	111.9	70.5	.0	.0	.0	431
1981	.0	.0	.0	.0	32.2	100.3	160.7	107.9	74.7	21.3	.0	.0	497
1982	.0	.0	.0	.0	25.2	88.6	138.5	122.1	77.1	16.7	.0	.0	468
1983	.0	.0	.0	.0	.0	115.4	139.1	113.9	72.5	19.1	.0	.0	460
1984	.0	.0	.0	.0	25.9	108.7	144.9	125.6	75.4	22.4	.0	.0	503
1985	.0	.0	.0	.0	23.7	105.2	145.7	141.8	81.4	.0	.0	.0	498
1986	.0	.0	.0	.0	26.2	107.0	131.2	131.6	70.2	.0	.0	.0	466
1987	.0	.0	.0	.0	29.2	124.4	144.2	138.5	72.3	.0	.0	.0	509
1988	.0	.0	.0	.0	23.5	108.2	122.9	119.0	71.6	.0	.0	.0	445
1989	.0	.0	.0	.0	23.8	102.2	153.5	120.4	74.1	24.2	.0	.0	498
1990	.0	.0	.0	.0	29.7	98.7	128.9	130.1	76.8	.0	.0	.0	464
1991	.0	.0	.0	.0	30.8	116.6	177.8	149.0	90.8	.0	.0	.0	565
1992	.0	.0	.0	.0	29.3	116.0	144.8	133.6	76.0	.0	.0	.0	500
1993	.0	.0	.0	.0	28.4	110.0	129.0	98.8	84.5	.0	.0	.0	451
1994	.0	.0	.0	.0	29.9	106.5	142.8	133.1	76.0	15.1	.0	.0	503
1995	.0	.0	.0	.0	22.9	98.8	135.9	116.4	71.8	.0	.0	.0	446
1996	.0	.0	.0	.0	26.0	84.5	132.6	117.0	72.5	.0	.0	.0	433
1997	.0	.0	.0	.0	.0	105.2	129.0	112.1	59.9	.0	.0	.0	406
1998	.0	.0	.0	.0	27.4	96.4	148.2	115.0	63.2	19.6	.0	.0	470
1999	.0	.0	.0	.0	40.0	103.4	138.5	130.0	71.9	.0	.0	.0	484
2000	.0	.0	.0	.0	21.1	99.4	126.1	123.6	78.2	21.6	.0	.0	470
MIN	.0	.0	.0	.0	.0	57.6	96.0	73.6	46.4	.0	.0	.0	310
MAX	.0	.0	.0	.0	40.0	124.4	177.8	149.0	90.8	25.0	.0	.0	565
MEAN	.0	.0	.0	.0	23.7	98.2	135.2	118.2	70.6	8.0	.0	.0	454

GROSS EVAPORATION (mm) -- GIMLI

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	.0	.0	.0	35.4	90.4	116.5	125.4	118.6	94.6	40.8	.0	.0	622
1948	.0	.0	.0	37.8	111.0	133.8	144.5	124.2	112.0	58.6	.0	.0	722
1949	.0	.0	.0	44.6	147.7	143.7	171.2	137.7	92.7	52.8	.0	.0	790
1950	.0	.0	.0	39.4	95.0	131.4	124.3	124.6	99.0	41.6	.0	.0	655
1951	.0	.0	.0	36.1	116.3	108.7	136.8	107.5	74.7	34.3	.0	.0	614
1952	.0	.0	.0	61.9	113.1	122.9	155.0	144.9	93.0	49.9	.0	.0	741
1953	.0	.0	.0	45.9	112.2	110.2	145.2	125.3	92.3	41.3	.0	.0	673
1954	.0	.0	.0	44.3	113.3	133.3	135.0	115.7	82.9	46.1	.0	.0	670
1955	.0	.0	.0	34.8	115.6	120.3	146.4	147.5	103.2	53.9	.0	.0	722
1956	.0	.0	.0	38.1	106.2	133.6	109.5	114.3	79.6	49.5	.0	.0	631
1957	.0	.0	.0	42.1	136.7	118.4	150.1	139.6	101.1	49.5	.0	.0	738
1958	.0	.0	.0	52.8	140.8	137.7	144.5	131.5	102.8	42.0	.0	.0	752
1959	.0	.0	.0	49.8	119.7	129.4	163.7	144.0	94.3	40.9	.0	.0	742
1960	.0	.0	.0	45.4	123.8	128.1	158.8	131.1	96.9	57.2	.0	.0	741
1961	.0	.0	.0	54.3	134.6	163.7	148.0	169.9	99.3	57.4	.0	.0	827
1962	.0	.0	.0	43.4	105.3	132.6	138.1	127.7	98.8	42.4	.0	.0	688
1963	.0	.0	.0	36.7	115.2	121.0	139.9	118.8	89.1	56.2	.0	.0	677
1964	.0	.0	.0	56.1	151.6	156.8	147.6	157.2	114.4	62.8	.0	.0	846
1965	.0	.0	.0	40.1	129.2	171.7	151.4	150.8	93.9	59.4	.0	.0	796
1966	.0	.0	.0	46.5	124.0	147.9	153.2	145.2	110.8	54.0	.0	.0	782
1967	.0	.0	.0	48.0	125.5	147.6	162.6	152.6	127.2	46.5	.0	.0	810
1968	.0	.0	.0	47.3	111.6	143.9	141.0	126.1	78.6	38.0	.0	.0	686
1969	.0	.0	.0	48.6	119.8	137.2	137.2	132.1	85.0	38.5	.0	.0	698
1970	.0	.0	.0	40.0	104.2	130.9	137.3	140.1	83.3	46.0	.0	.0	682
1971	.0	.0	.0	46.1	136.5	128.4	176.7	150.6	99.5	38.5	.0	.0	776
1972	.0	.0	.0	33.9	95.5	130.2	130.8	123.6	99.1	50.6	.0	.0	664
1973	.0	.0	.0	45.3	107.4	113.2	134.5	99.8	90.6	33.5	.0	.0	624
1974	.0	.0	.0	37.5	87.1	139.4	143.9	133.7	89.8	54.1	.0	.0	685
1975	.0	.0	.0	34.9	97.0	101.7	140.2	121.9	83.0	41.1	.0	.0	620
1976	.0	.0	.0	43.6	110.7	117.7	148.9	136.6	99.3	50.1	.0	.0	707
1977	.0	.0	.0	51.1	96.5	117.5	136.2	120.3	81.7	51.3	.0	.0	655
1978	.0	.0	.0	37.4	108.6	119.8	124.2	128.4	89.6	43.2	.0	.0	651
1979	.0	.0	.0	32.9	83.5	126.8	142.9	120.5	83.4	45.4	.0	.0	635
1980	.0	.0	.0	53.8	125.7	147.6	143.9	113.4	86.2	45.2	.0	.0	716
1981	.0	.0	.0	44.1	116.7	127.7	146.2	106.3	89.2	41.9	.0	.0	672
1982	.0	.0	.0	43.3	88.1	120.5	123.2	121.3	86.5	33.2	.0	.0	616
1983	.0	.0	.0	43.5	100.0	112.0	128.3	127.3	106.5	39.4	.0	.0	657
1984	.0	.0	.0	44.6	105.7	107.1	129.9	135.8	90.9	39.9	.0	.0	654
1985	.0	.0	.0	47.8	106.4	119.3	133.5	114.0	86.2	51.3	.0	.0	659
1986	.0	.0	.0	42.1	107.4	120.8	130.9	130.7	76.2	41.8	.0	.0	650
1987	.0	.0	.0	51.3	116.2	123.1	121.9	120.7	72.7	42.6	.0	.0	649
1988	.0	.0	.0	49.9	107.8	140.8	136.8	142.2	93.9	46.5	.0	.0	718
1989	.0	.0	.0	40.9	115.4	117.4	126.1	108.1	96.2	49.0	.0	.0	653
1990	.0	.0	.0	43.6	102.7	105.0	130.1	136.1	96.4	55.6	.0	.0	670
1991	.0	.0	.0	38.0	97.2	118.9	136.4	130.6	82.5	40.5	.0	.0	644
1992	.0	.0	.0	47.7	160.7	141.0	123.9	111.5	115.1	39.1	.0	.0	739
1993	.0	.0	.0	29.8	94.4	112.2	100.7	97.7	76.6	43.3	.0	.0	555
1994	.0	.0	.0	55.7	118.9	121.5	126.6	117.0	78.6	42.9	.0	.0	661
1995	.0	.0	.0	43.3	107.4	136.4	142.0	139.8	92.9	39.7	.0	.0	702
1996	.0	.0	.0	39.5	101.7	140.7	123.3	116.9	76.1	46.1	.0	.0	644
1997	.0	.0	.0	36.9	112.7	129.9	110.6	109.1	85.0	42.2	.0	.0	626
1998	.0	.0	.0	46.1	97.6	96.0	126.3	118.6	87.6	35.3	.0	.0	607
1999	.0	.0	.0	51.4	105.5	108.1	116.9	116.4	81.4	45.3	.0	.0	625
2000	.0	.0	.0	47.0	107.8	118.4	127.8	123.8	89.3	51.2	.0	.0	665
MIN	.0	.0	.0	29.8	83.5	96.0	100.7	97.7	72.7	33.2	.0	.0	555
MAX	.0	.0	.0	61.9	160.7	171.7	176.7	169.9	127.2	62.8	.0	.0	846
MEAN	.0	.0	.0	43.9	112.6	127.4	137.6	127.8	91.9	45.9	.0	.0	687

GROSS EVAPORATION (mm) -- ISLAND LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	.0	.0	.0	.0	27.0	87.6	124.4	113.2	71.8	12.9	.0	.0	437
1972	.0	.0	.0	.0	19.4	101.6	124.1	107.4	69.2	23.5	.0	.0	445
1973	.0	.0	.0	.0	25.8	91.0	118.0	114.7	76.5	10.9	.0	.0	437
1974	.0	.0	.0	.0	27.8	91.3	131.8	114.6	67.4	27.9	.0	.0	461
1975	.0	.0	.0	.0	18.2	76.2	121.6	97.7	67.3	21.8	.0	.0	403
1976	.0	.0	.0	.0	34.5	76.3	123.1	114.2	70.7	18.9	.0	.0	438
1977	.0	.0	.0	.0	17.2	88.3	109.3	89.1	51.9	21.3	.0	.0	377
1978	.0	.0	.0	.0	33.3	73.6	120.5	99.2	61.1	13.2	.0	.0	401
1979	.0	.0	.0	.0	24.6	100.3	131.1	112.1	63.0	17.4	.0	.0	449
1980	.0	.0	.0	.0	29.2	100.1	136.5	119.4	75.7	22.7	.0	.0	484
1981	.0	.0	.0	.0	32.7	92.4	152.3	105.7	83.1	21.8	.0	.0	488
1982	.0	.0	.0	.0	18.7	78.9	122.2	110.0	66.0	13.9	.0	.0	410
1983	.0	.0	.0	.0	24.9	93.3	119.9	107.7	73.3	16.0	.0	.0	435
1984	.0	.0	.0	20.0	13.7	93.3	127.5	123.8	67.1	19.5	.0	.0	465
1985	.0	.0	.0	.0	30.2	83.9	121.2	108.7	66.2	25.2	.0	.0	435
1986	.0	.0	.0	.0	33.7	96.1	130.2	124.1	63.9	20.0	.0	.0	468
1987	.0	.0	.0	.0	30.6	98.4	114.1	102.7	60.3	25.4	.0	.0	431
1988	.0	.0	.0	.0	23.6	92.6	126.2	122.4	61.2	23.3	.0	.0	449
1989	.0	.0	.0	.0	30.8	98.0	133.0	104.7	62.0	22.6	.0	.0	451
1990	.0	.0	.0	.0	33.3	84.2	118.2	107.0	63.0	25.7	.0	.0	431
1991	.0	.0	.0	.0	19.1	94.1	132.3	115.2	71.7	.0	.0	.0	432
1992	.0	.0	.0	.0	27.2	89.0	113.7	103.7	69.2	22.2	.0	.0	425
1993	.0	.0	.0	.0	26.6	94.5	107.8	96.0	71.1	.0	.0	.0	396
1994	.0	.0	.0	.0	25.1	85.8	111.5	108.2	67.7	11.7	.0	.0	410
1995	.0	.0	.0	.0	33.2	93.5	116.6	112.9	66.0	18.3	.0	.0	441
1996	.0	.0	.0	.0	26.7	86.7	116.5	105.1	59.7	14.0	.0	.0	409
1997	.0	.0	.0	.0	27.5	80.7	117.0	98.8	59.6	16.4	.0	.0	400
1998	.0	.0	.0	.0	23.9	81.3	121.7	101.4	65.4	16.0	.0	.0	410
1999	.0	.0	.0	22.9	31.5	94.8	116.5	119.9	61.8	17.7	.0	.0	465
2000	.0	.0	.0	.0	14.8	79.3	122.4	106.7	71.1	24.1	.0	.0	418
MIN	.0	.0	.0	.0	13.7	73.6	107.8	89.1	51.9	.0	.0	.0	377
MAX	.0	.0	.0	22.9	34.5	101.6	152.3	124.1	83.1	27.9	.0	.0	488
MEAN	.0	.0	.0	1.4	26.2	89.2	122.7	108.9	66.8	18.1	.0	.0	433

GROSS EVAPORATION (mm) -- LYNN LAKE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	.0	.0	.0	.0	28.9	110.4	148.3	122.9	67.7	.0	.0	.0	478
1971	.0	.0	.0	.0	36.1	101.9	148.4	137.0	75.5	24.7	.0	.0	524
1972	.0	.0	.0	.0	35.3	122.9	145.4	134.4	77.5	.0	.0	.0	516
1973	.0	.0	.0	.0	52.6	134.1	147.7	128.2	80.7	15.7	.0	.0	559
1974	.0	.0	.0	.0	35.6	111.9	141.9	120.8	74.3	.0	.0	.0	484
1975	.0	.0	.0	.0	28.8	83.3	149.4	109.2	74.3	.0	.0	.0	445
1976	.0	.0	.0	.0	53.0	107.5	153.9	115.4	76.5	.0	.0	.0	506
1977	.0	.0	.0	.0	26.3	84.4	133.8	111.9	57.0	21.9	.0	.0	435
1978	.0	.0	.0	.0	19.0	99.1	136.7	106.2	53.8	16.7	.0	.0	432
1979	.0	.0	.0	.0	36.7	114.0	148.8	119.8	61.6	.0	.0	.0	481
1980	.0	.0	.0	.0	40.9	103.1	134.5	122.7	55.2	.0	.0	.0	456
1981	.0	.0	.0	.0	1.5	116.3	163.0	115.4	64.8	.0	.0	.0	461
1982	.0	.0	.0	.0	25.2	109.0	154.5	115.5	75.2	23.9	.0	.0	503
1983	.0	.0	.0	.0	34.1	122.6	141.5	129.1	69.8	22.3	.0	.0	519
1984	.0	.0	.0	.0	37.6	114.3	163.8	126.0	66.7	.0	.0	.0	508
1985	.0	.0	.0	.0	35.0	103.7	149.0	136.8	86.3	.0	.0	.0	511
1986	.0	.0	.0	.0	38.0	119.0	133.4	142.7	71.0	.0	.0	.0	504
1987	.0	.0	.0	.0	31.3	114.7	125.8	111.8	63.1	.0	.0	.0	447
1988	.0	.0	.0	.0	33.7	105.5	129.3	122.0	65.2	.0	.0	.0	456
1989	.0	.0	.0	.0	31.9	95.8	142.6	106.3	62.8	20.9	.0	.0	460
1990	.0	.0	.0	.0	37.3	104.7	132.4	126.3	74.0	.0	.0	.0	475
1991	.0	.0	.0	.0	37.8	108.8	142.0	122.3	66.7	.0	.0	.0	477
1992	.0	.0	.0	.0	33.9	111.1	139.9	122.6	63.0	.0	.0	.0	470
1993	.0	.0	.0	.0	35.8	119.8	125.7	101.6	68.7	.0	.0	.0	452
1994	.0	.0	.0	.0	24.8	119.0	149.7	125.3	75.8	16.0	.0	.0	511
1995	.0	.0	.0	.0	38.2	123.1	135.9	106.0	73.3	16.4	.0	.0	493
1996	.0	.0	.0	.0	43.2	115.6	155.3	118.5	61.9	.0	.0	.0	495
1997	.0	.0	.0	.0	30.5	101.2	130.1	101.0	53.4	.0	.0	.0	416
1998	.0	.0	.0	.0	33.4	90.6	143.3	129.9	63.6	18.4	.0	.0	479
1999	.0	.0	.0	.0	29.2	98.3	140.8	125.7	63.5	.0	.0	.0	458
2000	.0	.0	.0	.0	20.1	110.3	130.2	121.4	65.5	22.9	.0	.0	470
MIN	.0	.0	.0	.0	1.5	83.3	125.7	101.0	53.4	.0	.0	.0	416
MAX	.0	.0	.0	.0	53.0	134.1	163.8	142.7	86.3	24.7	.0	.0	559
MEAN	.0	.0	.0	.0	33.1	108.9	142.5	120.5	68.0	7.1	.0	.0	480

GROSS EVAPORATION (mm) -- NORWAY HOUSE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	-	-	-	-
1968	-	-	-	-	-	-	-	-	-	-	-	-	-
1969	-	-	-	-	-	-	-	-	-	-	-	-	-
1970	-	-	-	-	-	-	-	-	-	-	-	-	-
1971	.0	.0	.0	.0	33.6	106.0	142.5	140.7	84.3	15.7	.0	.0	523
1972	.0	.0	.0	.0	26.4	124.3	148.2	136.5	77.5	20.5	.0	.0	533
1973	.0	.0	.0	.0	38.8	106.1	142.3	125.5	76.9	13.7	.0	.0	503
1974	.0	.0	.0	.0	27.7	95.3	140.6	103.2	65.7	23.6	.0	.0	456
1975	.0	.0	.0	.0	16.2	77.7	130.7	100.4	65.0	14.4	.0	.0	404
1976	.0	.0	.0	.0	43.5	75.9	133.1	110.8	62.4	16.3	.0	.0	442
1977	.0	.0	.0	.0	22.9	89.6	113.7	95.0	57.5	19.8	.0	.0	399
1978	.0	.0	.0	.0	41.8	94.6	126.7	109.8	58.3	11.0	.0	.0	442
1979	.0	.0	.0	.0	11.2	102.6	135.1	110.1	60.2	13.6	.0	.0	433
1980	.0	.0	.0	.0	33.0	95.2	114.3	111.2	66.0	.0	.0	.0	420
1981	.0	.0	.0	.0	25.1	98.9	143.1	101.9	73.5	18.9	.0	.0	461
1982	.0	.0	.0	.0	22.1	96.0	126.0	119.6	72.8	13.7	.0	.0	450
1983	.0	.0	.0	.0	30.0	112.0	133.1	108.9	74.0	18.1	.0	.0	476
1984	.0	.0	.0	.0	38.5	112.5	151.0	132.0	69.6	24.2	.0	.0	528
1985	.0	.0	.0	.0	31.8	97.5	139.7	111.8	72.7	10.1	.0	.0	464
1986	.0	.0	.0	.0	40.0	107.1	133.2	123.4	62.7	18.7	.0	.0	485
1987	.0	.0	.0	21.7	32.8	112.0	118.9	108.8	81.3	21.0	.0	.0	496
1988	.0	.0	.0	.0	23.3	104.3	124.5	114.5	62.1	21.5	.0	.0	450
1989	.0	.0	.0	.0	39.5	103.9	131.2	97.9	55.6	20.6	.0	.0	449
1990	.0	.0	.0	.0	36.4	82.6	131.8	112.8	66.4	20.4	.0	.0	451
1991	.0	.0	.0	.0	17.5	95.1	119.6	114.0	70.0	.0	.0	.0	416
1992	.0	.0	.0	.0	27.2	91.0	115.3	102.8	65.6	17.9	.0	.0	420
1993	.0	.0	.0	.0	28.1	99.7	102.7	86.6	62.3	.0	.0	.0	379
1994	.0	.0	.0	.0	25.5	90.9	109.0	106.8	63.0	13.7	.0	.0	409
1995	.0	.0	.0	.0	33.0	97.8	110.0	92.1	59.8	16.1	.0	.0	409
1996	.0	.0	.0	.0	26.9	84.9	110.2	106.5	62.5	12.6	.0	.0	404
1997	.0	.0	.0	.0	29.3	81.1	107.8	93.3	51.6	14.3	.0	.0	377
1998	.0	.0	.0	24.1	22.9	71.9	116.4	106.0	59.0	12.9	.0	.0	413
1999	.0	.0	.0	23.8	23.2	84.3	116.6	103.2	58.6	16.7	.0	.0	426
2000	.0	.0	.0	.0	18.0	83.8	119.3	101.2	60.4	21.1	.0	.0	404
MIN	.0	.0	.0	.0	11.2	71.9	102.7	86.6	51.6	.0	.0	.0	377
MAX	.0	.0	.0	24.1	43.5	124.3	151.0	140.7	84.3	24.2	.0	.0	533
MEAN	.0	.0	.0	2.3	28.9	95.8	126.2	109.6	65.9	15.4	.0	.0	444

GROSS EVAPORATION (mm) -- PILOT MOUND

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	.0	.0	.0	60.8	182.4	174.8	162.5	176.3	135.4	52.9	.0	.0	945
1959	.0	.0	.0	67.1	133.2	143.3	178.5	183.6	111.4	41.2	.0	.0	858
1960	.0	.0	.0	48.8	140.5	151.5	185.6	165.1	133.2	72.1	.0	.0	897
1961	.0	.0	.0	61.2	150.9	214.6	196.5	250.2	111.7	68.8	.0	.0	1054
1962	.0	.0	.0	43.0	112.8	147.8	145.8	149.5	124.6	50.7	.0	.0	774
1963	.0	.0	.0	45.9	128.1	131.3	151.3	144.9	121.1	73.8	.0	.0	796
1964	.0	.0	.0	55.0	170.6	154.7	153.9	177.7	127.8	72.4	.0	.0	912
1965	.0	.0	.0	42.9	148.3	187.9	156.5	157.6	90.7	72.5	.0	.0	856
1966	.0	.0	.0	46.3	133.7	168.4	159.0	143.6	127.0	63.9	.0	.0	842
1967	.0	.0	.0	42.4	139.7	162.6	192.0	185.9	155.9	56.8	.0	.0	935
1968	.0	.0	.0	54.8	127.1	155.3	159.2	124.4	93.3	47.9	.0	.0	762
1969	.0	.0	.0	48.8	136.0	146.9	135.9	152.1	108.5	42.7	.0	.0	771
1970	.0	.0	.0	40.4	113.5	154.6	163.1	183.9	112.3	56.3	.0	.0	824
1971	.0	.0	.0	46.2	149.9	123.7	157.6	162.2	109.3	47.1	.0	.0	796
1972	.0	.0	.0	43.7	123.2	173.8	142.0	151.9	114.7	54.8	.0	.0	804
1973	.0	.0	.0	52.4	132.1	163.7	169.4	148.0	108.2	51.9	.0	.0	826
1974	.0	.0	.0	36.3	107.9	172.4	189.4	141.0	107.6	58.1	.0	.0	813
1975	.0	.0	.0	37.0	112.8	125.7	164.2	145.9	100.5	49.5	.0	.0	736
1976	.0	.0	.0	45.5	153.8	142.5	172.4	170.2	122.2	62.4	.0	.0	869
1977	.0	.0	.0	84.0	125.1	113.5	132.3	120.2	71.1	54.2	.0	.0	700
1978	.0	.0	.0	49.3	144.6	156.6	136.9	162.4	129.7	64.3	.0	.0	844
1979	.0	.0	.0	36.5	113.3	168.6	156.6	152.9	104.8	52.4	.0	.0	785
1980	.0	.0	.0	77.1	169.2	176.7	170.9	128.9	94.5	49.2	.0	.0	867
1981	.0	.0	.0	61.6	134.7	146.3	156.4	133.5	105.8	48.9	.0	.0	787
1982	.0	.0	.0	49.1	120.9	138.4	137.3	154.4	127.5	38.6	.0	.0	766
1983	.0	.0	.0	43.2	125.4	147.3	153.1	177.7	117.9	44.7	.0	.0	809
1984	.0	.0	.0	56.7	134.0	115.5	158.9	193.6	108.3	46.0	.0	.0	813
1985	.0	.0	.0	56.5	149.6	149.8	144.6	130.6	95.0	62.8	.0	.0	789
1986	.0	.0	.0	44.7	145.8	143.6	124.8	138.7	89.7	52.4	.0	.0	740
1987	-	-	-	-	-	-	-	-	-	-	-	-	-
1988	-	-	-	-	-	-	-	-	-	-	-	-	-
1989	-	-	-	-	-	-	-	-	-	-	-	-	-
1990	-	-	-	-	-	-	-	-	-	-	-	-	-
1991	-	-	-	-	-	-	-	-	-	-	-	-	-
1992	-	-	-	-	-	-	-	-	-	-	-	-	-
1993	-	-	-	-	-	-	-	-	-	-	-	-	-
1994	-	-	-	-	-	-	-	-	-	-	-	-	-
1995	-	-	-	-	-	-	-	-	-	-	-	-	-
1996	-	-	-	-	-	-	-	-	-	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	-	-	-	-
1998	-	-	-	-	-	-	-	-	-	-	-	-	-
1999	-	-	-	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-	-	-	-
MIN	.0	.0	.0	36.3	107.9	113.5	124.8	120.2	71.1	38.6	.0	.0	700
MAX	.0	.0	.0	84.0	182.4	214.6	196.5	250.2	155.9	73.8	.0	.0	1054
MEAN	.0	.0	.0	50.9	136.5	153.5	158.9	158.9	112.4	55.5	.0	.0	827

GROSS EVAPORATION (mm) -- PORTAGE LA PRAIRIE

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	.0	.0	.0	41.6	114.9	135.1	160.9	139.0	103.8	48.1	.0	.0	743
1954	.0	.0	.0	45.4	120.5	140.9	148.6	138.8	94.5	55.1	.0	.0	744
1955	.0	.0	.0	49.1	130.2	132.3	159.7	172.1	118.6	60.8	.0	.0	823
1956	.0	.0	.0	43.8	117.3	169.4	127.2	145.3	103.3	64.3	.0	.0	771
1957	.0	.0	.0	46.8	157.8	124.9	157.9	138.1	99.0	54.9	.0	.0	779
1958	.0	.0	.0	64.4	169.5	156.7	165.4	162.4	119.9	51.5	.0	.0	890
1959	.0	.0	.0	59.0	133.5	151.5	170.6	168.3	107.3	42.1	.0	.0	832
1960	.0	.0	.0	45.2	139.3	145.0	173.3	157.4	119.8	63.6	.0	.0	844
1961	.0	.0	.0	49.4	143.5	201.2	180.8	215.8	107.0	62.9	.0	.0	961
1962	.0	.0	.0	44.7	106.4	122.9	152.7	145.7	110.9	51.8	.0	.0	735
1963	.0	.0	.0	50.0	133.0	142.5	158.1	143.5	111.4	74.1	.0	.0	812
1964	.0	.0	.0	55.8	156.2	147.9	140.3	152.7	112.9	71.2	.0	.0	837
1965	.0	.0	.0	44.9	138.3	185.8	153.0	147.4	94.0	66.7	.0	.0	830
1966	.0	.0	.0	48.4	133.0	140.7	163.0	144.5	116.9	59.5	.0	.0	806
1967	.0	.0	.0	43.6	141.0	161.8	186.3	181.4	141.5	55.1	.0	.0	911
1968	.0	.0	.0	59.9	127.7	168.1	164.0	130.1	96.5	47.8	.0	.0	794
1969	.0	.0	.0	53.2	133.4	143.4	137.3	139.7	91.0	40.7	.0	.0	739
1970	.0	.0	.0	43.2	131.9	169.0	185.9	191.8	107.8	58.9	.0	.0	889
1971	.0	.0	.0	54.7	151.9	124.6	168.7	150.1	111.3	44.8	.0	.0	806
1972	.0	.0	.0	45.4	128.7	175.0	151.5	138.8	108.3	56.5	.0	.0	804
1973	.0	.0	.0	57.1	136.1	151.4	176.7	139.6	116.5	50.5	.0	.0	828
1974	.0	.0	.0	42.1	100.4	174.6	190.6	164.9	107.9	63.6	.0	.0	844
1975	.0	.0	.0	43.4	127.7	134.5	170.4	140.0	108.9	55.5	.0	.0	780
1976	.0	.0	.0	50.5	152.5	142.2	193.1	171.4	134.7	62.5	.0	.0	907
1977	.0	.0	.0	78.5	143.5	142.3	165.3	140.9	88.1	70.7	.0	.0	829
1978	.0	.0	.0	53.7	151.9	156.4	143.5	152.6	114.1	56.4	.0	.0	829
1979	.0	.0	.0	38.9	105.3	159.4	163.3	138.1	108.7	55.3	.0	.0	769
1980	.0	.0	.0	73.0	183.4	174.0	195.8	129.3	92.0	50.3	.0	.0	898
1981	.0	.0	.0	58.8	131.8	139.8	162.5	132.7	98.8	49.8	.0	.0	774
1982	.0	.0	.0	57.6	118.0	136.3	139.8	142.8	112.3	42.1	.0	.0	749
1983	.0	.0	.0	51.3	137.6	146.6	158.6	166.3	115.3	44.1	.0	.0	820
1984	.0	.0	.0	63.2	136.1	141.4	168.9	186.3	105.7	50.1	.0	.0	852
1985	.0	.0	.0	61.1	135.8	150.2	159.1	130.4	97.0	64.1	.0	.0	798
1986	.0	.0	.0	52.5	154.4	153.3	149.6	166.9	94.8	55.5	.0	.0	827
1987	.0	.0	.0	77.8	155.9	165.3	139.0	149.7	107.1	62.9	.0	.0	858
1988	.0	.0	.0	92.1	162.1	211.0	189.8	199.0	124.3	60.8	.0	.0	1039
1989	.0	.0	.0	54.9	166.8	153.6	168.5	164.7	133.7	71.6	.0	.0	914
1990	.0	.0	.0	60.3	131.9	143.6	160.5	174.6	116.6	69.5	.0	.0	857
1991	.0	.0	.0	57.5	126.6	135.1	147.6	153.7	110.6	55.4	.0	.0	787
1992	.0	.0	.0	44.6	148.3	131.5	133.8	135.1	116.8	47.8	.0	.0	758
1993	.0	.0	.0	45.5	121.0	115.6	101.3	94.2	80.3	45.4	.0	.0	603
1994	.0	.0	.0	59.4	126.1	107.6	128.0	111.3	84.8	45.6	.0	.0	663
1995	.0	.0	.0	41.6	121.3	134.3	139.1	154.4	112.6	45.9	.0	.0	749
1996	.0	.0	.0	43.7	124.6	151.0	109.8	104.9	75.6	46.0	.0	.0	656
1997	.0	.0	.0	43.5	131.7	141.3	124.4	127.6	96.6	45.2	.0	.0	710
1998	.0	.0	.0	61.8	106.3	100.5	130.9	135.5	97.9	37.7	.0	.0	671
1999	.0	.0	.0	59.9	112.8	113.1	127.5	119.5	85.1	51.7	.0	.0	670
2000	.0	.0	.0	59.4	115.6	117.1	113.5	115.6	86.1	54.2	.0	.0	661
MIN	.0	.0	.0	38.9	100.4	100.5	101.3	94.2	75.6	37.7	.0	.0	603
MAX	.0	.0	.0	92.1	183.4	211.0	195.8	215.8	141.5	74.1	.0	.0	1039
MEAN	.0	.0	.0	53.6	134.9	147.1	155.3	148.8	106.2	55.0	.0	.0	801

GROSS EVAPORATION (mm) -- THE PAS

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	.0	.0	58.3	120.9	90.6	51.2	.0	.0	.0	321
1912	.0	.0	.0	.0	.0	84.0	102.8	89.1	50.5	6.1	.0	.0	332
1913	.0	.0	.0	.0	5.7	78.8	131.9	107.1	57.9	.0	.0	.0	381
1914	.0	.0	.0	.0	.0	73.8	134.8	119.8	62.8	2.9	.0	.0	394
1915	.0	.0	.0	.0	.2	57.9	128.2	115.5	46.3	11.2	.0	.0	359
1916	.0	.0	.0	.0	10.6	90.4	131.6	126.9	64.4	18.4	.0	.0	442
1917	.0	.0	.0	.0	27.3	106.3	153.1	102.8	47.0	.0	.0	.0	436
1918	.0	.0	.0	.0	26.0	95.1	130.4	88.8	57.0	10.0	.0	.0	407
1919	.0	.0	.0	.0	.0	70.5	74.7	65.0	38.9	.0	.0	.0	249
1920	.0	.0	.0	.0	11.9	94.1	116.7	88.6	77.9	18.6	.0	.0	408
1921	.0	.0	.0	.0	20.2	66.7	105.2	108.2	75.1	8.0	.0	.0	383
1922	.0	.0	.0	.0	13.3	78.1	80.1	54.4	17.0	1.5	.0	.0	244
1923	.0	.0	.0	.0	26.9	76.1	102.4	103.6	73.8	11.5	.0	.0	394
1924	.0	.0	.0	.0	21.7	92.7	84.2	92.4	47.4	.0	.0	.0	338
1925	.0	.0	.0	.0	16.7	40.9	100.0	80.7	48.1	.0	.0	.0	286
1926	.0	.0	.0	.0	.0	79.4	139.3	108.4	68.1	8.0	.0	.0	403
1927	.0	.0	.0	.0	.0	70.0	88.5	73.3	34.8	.0	.0	.0	267
1928	.0	.0	.0	.0	.0	90.2	122.8	88.3	70.8	20.9	.0	.0	393
1929	.0	.0	.0	.0	.0	72.2	109.1	99.1	49.7	.0	.0	.0	330
1930	.0	.0	.0	.0	.0	49.8	87.4	83.8	55.0	17.7	.0	.0	294
1931	.0	.0	.0	.0	7.1	103.2	117.3	91.2	48.4	7.8	.0	.0	375
1932	.0	.0	.0	.0	2.2	6.0	115.0	93.6	62.4	.0	.0	.0	279
1933	.0	.0	.0	.0	3.9	76.1	107.7	75.3	87.8	11.6	.0	.0	362
1934	.0	.0	.0	.0	10.6	84.3	138.8	127.8	58.6	4.1	.0	.0	424
1935	.0	.0	.0	.0	11.4	66.7	131.1	107.4	54.4	12.2	.0	.0	383
1936	.0	.0	.0	.0	14.7	75.1	106.3	96.1	51.9	27.1	.0	.0	371
1937	.0	.0	.0	.0	18.5	92.2	136.7	100.8	53.6	9.6	.0	.0	411
1938	.0	.0	.0	.0	.0	54.7	101.3	90.8	46.9	8.7	.0	.0	302
1939	.0	.0	.0	.0	11.9	79.3	118.3	110.8	59.4	.0	.0	.0	389
1940	.0	.0	.0	.0	21.8	86.7	123.3	114.9	50.5	2.0	.0	.0	390
1941	.0	.0	.0	.0	20.2	86.0	127.5	116.5	63.6	13.2	.0	.0	427
1942	.0	.0	.0	.0	36.8	108.0	114.2	117.1	57.9	16.7	.0	.0	451
1943	.0	.0	.0	.0	25.0	87.5	113.6	108.4	74.5	15.1	.0	.0	424
1944	.0	.0	.0	.0	18.3	94.6	117.6	111.2	59.3	18.7	.0	.0	420
1945	.0	.0	.0	.0	40.6	111.0	144.1	122.9	66.8	19.1	.0	.0	504
1946	.0	.0	.0	.0	18.1	99.2	113.7	99.1	64.7	16.9	.0	.0	412
1947	.0	.0	.0	.0	25.3	86.9	125.0	107.1	83.4	12.1	.0	.0	440
1948	.0	.0	.0	.0	31.3	87.5	124.3	117.5	64.2	20.8	.0	.0	446
1949	.0	.0	.0	11.9	26.4	108.0	125.4	108.2	63.4	23.3	.0	.0	467
1950	.0	.0	.0	.0	32.3	95.5	123.7	105.6	60.9	11.9	.0	.0	430
1951	.0	.0	.0	.0	20.3	78.9	121.0	104.9	59.9	12.6	.0	.0	397
1952	.0	.0	.0	15.0	14.1	88.4	130.6	118.0	55.5	19.4	.0	.0	441
1953	.0	.0	.0	.0	28.8	84.9	120.6	91.6	69.8	15.0	.0	.0	411
1954	.0	.0	.0	.0	31.9	90.0	130.3	94.8	66.8	22.4	.0	.0	436
1955	.0	.0	.0	.0	30.4	90.5	138.4	129.0	78.9	22.0	.0	.0	489
1956	.0	.0	.0	.0	37.3	119.2	123.6	145.0	86.6	22.2	.0	.0	534
1957	.0	.0	.0	.0	32.0	97.4	137.2	112.3	73.5	20.2	.0	.0	473
1958	.0	.0	.0	.0	30.3	91.6	122.0	113.5	57.2	12.9	.0	.0	428
1959	.0	.0	.0	.0	30.8	91.1	131.7	111.0	63.8	.0	.0	.0	428
1960	.0	.0	.0	.0	26.4	96.3	145.2	120.4	88.6	21.6	.0	.0	499
1961	.0	.0	.0	.0	46.5	129.2	153.6	146.9	90.7	22.0	.0	.0	589
1962	.0	.0	.0	.0	34.1	110.0	168.8	139.2	90.7	19.4	.0	.0	562
1963	.0	.0	.0	.0	35.5	102.8	143.9	116.6	74.3	13.2	.0	.0	486
1964	.0	.0	.0	.0	41.5	141.6	151.8	123.8	77.5	21.6	.0	.0	558
1965	.0	.0	.0	.0	31.7	112.6	132.9	110.6	77.9	29.9	.0	.0	496
1966	.0	.0	.0	.0	39.0	88.8	112.3	116.9	74.0	26.9	.0	.0	458
1967	.0	.0	.0	.0	42.1	131.8	184.5	147.6	86.8	18.3	.0	.0	611
1968	.0	.0	.0	.0	25.0	112.4	158.5	117.7	63.3	15.7	.0	.0	493
1969	.0	.0	.0	.0	29.9	124.3	142.9	130.8	70.4	.0	.0	.0	490
1970	.0	.0	.0	.0	30.4	88.3	132.8	141.6	75.8	20.8	.0	.0	498
1971	.0	.0	.0	.0	24.0	91.3	136.4	125.8	72.9	23.6	.0	.0	474
1972	.0	.0	.0	.0	23.1	104.4	127.4	116.4	75.5	35.4	.0	.0	482
1973	.0	.0	.0	.0	36.1	94.5	137.5	127.9	84.3	15.5	.0	.0	496
1974	.0	.0	.0	.0	29.9	99.4	146.4	124.2	82.4	33.2	.0	.0	516
1975	.0	.0	.0	.0	19.4	85.4	133.8	112.8	71.0	24.6	.0	.0	447
1976	.0	.0	.0	.0	26.6	48.3	80.8	128.9	119.6	89.2	29.5	.0	523
1977	.0	.0	.0	.0	28.3	19.3	98.3	122.8	108.0	54.6	25.7	.0	457
1978	.0	.0	.0	.0	27.7	84.3	132.1	114.9	63.8	13.5	.0	.0	436
1979	.0	.0	.0	.0	26.3	97.7	125.9	106.8	62.1	18.2	.0	.0	437
1980	.0	.0	.0	35.7	34.3	106.4	138.1	112.6	77.3	22.1	.0	.0	526
1981	.0	.0	.0	.0	41.4	94.7	130.5	91.1	69.1	20.9	.0	.0	448
1982	.0	.0	.0	.0	20.5	94.1	139.1	135.7	88.7	15.7	.0	.0	494
1983	.0	.0	.0	.0	26.2	105.1	118.6	120.1	70.4	23.2	.0	.0	464
1984	.0	.0	.0	18.4	34.0	105.2	162.3	165.1	76.5	28.0	.0	.0	589
1985	.0	.0	.0	.0	34.4	102.0	156.2	132.7	87.7	31.5	.0	.0	545
1986	.0	.0	.0	.0	39.2	111.9	132.0	138.5	71.4	32.1	.0	.0	525
1987	.0	.0	.0	24.1	32.8	105.0	112.9	116.4	69.1	32.9	.0	.0	493
1988	.0	.0	.0	.0	33.3	127.5	161.3	142.0	84.1	33.6	.0	.0	582
1989	.0	.0	.0	.0	30.1	106.9	127.1	115.5	75.3	31.6	.0	.0	486
1990	.0	.0	.0	.0	34.1	85.9	137.6	127.8	82.9	23.6	.0	.0	492
1991	.0	.0	.0	.0	23.0	100.2	141.2	130.3	82.0	.0	.0	.0	477
1992	.0	.0	.0	.0	33.9	100.8	126.1	129.5	78.5	25.2	.0	.0	494
1993	.0	.0	.0	.0	34.2	106.8	106.8	95.0	77.1	26.3	.0	.0	446
1994	.0	.0	.0	.0	32.8	93.7	111.3	114.2	78.1	15.5	.0	.0	446
1995	.0	.0	.0	.0	38.7	101.6	127.1	110.1	77.0	12.8	.0	.0	467
1996	.0	.0	.0	.0	28.3	102.2	128.4	134.2	72.7	19.5	.0	.0	485
1997	.0	.0	.0	.0	34.2	89.6	130.7	111.9	66.1	19.0	.0	.0	452
1998	.0	.0	.0	25.6	26.0	91.8	142.4	130.8	73.8	16.0	.0	.0	506
1999	.0	.0	.0	21.6	17.1	82.9	126.0	112.9	69.8	17.1	.0	.0	447
2000	.0	.0	.0	.0	21.3	92.9	133.0	123.8	74.4	29.3	.0	.0	475
MIN	.0	.0	.0	.0	.0	6.0	74.7	54.4	17.0	.0	.0	.0	244
MAX	.0	.0	.0	35.7	48.3	141.6	184.5	165.1	90.7	35.4	.0	.0	611
MEAN	.0	.0	.0	2.3	23.3	91.4	127.0	112.1	67.4	16.0	.0	.0	439

GROSS EVAPORATION (mm) -- THOMPSON

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	-	-	-	-
1921	-	-	-	-	-	-	-	-	-	-	-	-	-
1922	-	-	-	-	-	-	-	-	-	-	-	-	-
1923	-	-	-	-	-	-	-	-	-	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	-	-	-	-
1936	-	-	-	-	-	-	-	-	-	-	-	-	-
1937	-	-	-	-	-	-	-	-	-	-	-	-	-
1938	-	-	-	-	-	-	-	-	-	-	-	-	-
1939	-	-	-	-	-	-	-	-	-	-	-	-	-
1940	-	-	-	-	-	-	-	-	-	-	-	-	-
1941	-	-	-	-	-	-	-	-	-	-	-	-	-
1942	-	-	-	-	-	-	-	-	-	-	-	-	-
1943	-	-	-	-	-	-	-	-	-	-	-	-	-
1944	-	-	-	-	-	-	-	-	-	-	-	-	-
1945	-	-	-	-	-	-	-	-	-	-	-	-	-
1946	-	-	-	-	-	-	-	-	-	-	-	-	-
1947	-	-	-	-	-	-	-	-	-	-	-	-	-
1948	-	-	-	-	-	-	-	-	-	-	-	-	-
1949	-	-	-	-	-	-	-	-	-	-	-	-	-
1950	-	-	-	-	-	-	-	-	-	-	-	-	-
1951	-	-	-	-	-	-	-	-	-	-	-	-	-
1952	-	-	-	-	-	-	-	-	-	-	-	-	-
1953	-	-	-	-	-	-	-	-	-	-	-	-	-
1954	-	-	-	-	-	-	-	-	-	-	-	-	-
1955	-	-	-	-	-	-	-	-	-	-	-	-	-
1956	-	-	-	-	-	-	-	-	-	-	-	-	-
1957	-	-	-	-	-	-	-	-	-	-	-	-	-
1958	-	-	-	-	-	-	-	-	-	-	-	-	-
1959	-	-	-	-	-	-	-	-	-	-	-	-	-
1960	-	-	-	-	-	-	-	-	-	-	-	-	-
1961	-	-	-	-	-	-	-	-	-	-	-	-	-
1962	-	-	-	-	-	-	-	-	-	-	-	-	-
1963	-	-	-	-	-	-	-	-	-	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	.0	.0	.0	.0	34.6	114.2	144.7	134.5	82.6	.0	.0	.0	511
1968	.0	.0	.0	.0	36.9	95.4	138.4	127.9	58.3	15.6	.0	.0	472
1969	.0	.0	.0	.0	38.3	105.7	142.4	125.1	66.4	.0	.0	.0	478
1970	.0	.0	.0	.0	32.8	115.1	130.6	113.8	68.7	.0	.0	.0	461
1971	.0	.0	.0	.0	38.7	103.7	125.7	111.7	71.1	22.3	.0	.0	473
1972	.0	.0	.0	.0	33.2	110.3	128.5	116.3	62.7	.0	.0	.0	451
1973	.0	.0	.0	.0	53.9	103.0	119.3	107.9	69.7	20.8	.0	.0	474
1974	.0	.0	.0	.0	39.8	117.9	148.2	122.5	63.6	.0	.0	.0	492
1975	.0	.0	.0	.0	26.1	79.3	140.5	118.9	68.4	.0	.0	.0	433
1976	.0	.0	.0	.0	40.8	79.6	124.5	100.8	64.1	.0	.0	.0	410
1977	.0	.0	.0	.0	26.6	74.9	120.2	90.3	53.4	16.8	.0	.0	382
1978	.0	.0	.0	.0	25.5	83.9	101.7	83.8	48.1	11.7	.0	.0	355
1979	.0	.0	.0	.0	24.8	93.4	122.3	104.9	61.3	.0	.0	.0	407
1980	.0	.0	.0	.0	37.3	93.5	115.6	98.6	57.2	.0	.0	.0	402
1981	.0	.0	.0	.0	41.9	98.8	156.1	108.7	65.0	.0	.0	.0	471
1982	.0	.0	.0	.0	29.0	93.8	125.8	111.1	74.7	19.7	.0	.0	454
1983	.0	.0	.0	.0	.0	109.5	117.0	105.7	62.1	18.9	.0	.0	413
1984	.0	.0	.0	.0	35.5	101.3	124.6	113.4	63.4	20.6	.0	.0	459
1985	.0	.0	.0	.0	35.9	94.3	122.3	117.0	70.5	22.2	.0	.0	462
1986	.0	.0	.0	.0	38.0	99.9	111.5	113.1	61.3	.0	.0	.0	424
1987	.0	.0	.0	.0	33.7	100.1	110.5	98.6	54.8	19.7	.0	.0	417
1988	.0	.0	.0	.0	29.2	101.3	120.4	111.9	59.3	.0	.0	.0	422
1989	.0	.0	.0	.0	38.1	96.5	133.8	98.1	54.5	22.2	.0	.0	443
1990	.0	.0	.0	.0	39.3	90.3	113.8	108.6	60.8	.0	.0	.0	413
1991	.0	.0	.0	.0	30.1	89.9	120.6	104.6	64.9	.0	.0	.0	410
1992	.0	.0	.0	.0	32.1	98.7	129.2	114.0	59.9	.0	.0	.0	434
1993	.0	.0	.0	.0	30.1	105.3	111.2	89.6	63.2	.0	.0	.0	399
1994	.0	.0	.0	.0	31.1	101.8	130.6	120.2	72.2	14.0	.0	.0	470
1995	.0	.0	.0	.0	33.2	99.7	122.7	101.9	65.4	17.2	.0	.0	440
1996	.0	.0	.0	.0	36.8	87.6	122.4	113.4	66.1	.0	.0	.0	426
1997	.0	.0	.0	.0	35.9	100.1	126.4	103.6	62.9	.0	.0	.0	429
1998	.0	.0	.0	.0	28.6	90.3	130.7	100.3	54.3	15.4	.0	.0	420
1999	.0	.0	.0	.0	34.9	95.6	130.8	115.4	59.8	.0	.0	.0	437
2000	.0	.0	.0	.0	22.5	100.8	123.5	100.8	64.1	23.6	.0	.0	435
MIN	.0	.0	.0	.0	.0	74.9	101.7	83.8	48.1	.0	.0	.0	355
MAX	.0	.0	.0	.0	53.9	117.9	156.1	134.5	82.6	23.6	.0	.0	511
MEAN	.0	.0	.0	.0	33.1	97.8	126.1	109.0	63.4	8.3	.0	.0	438

GROSS EVAPORATION (mm) -- WINNIPEG

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
1911	.0	.0	.0	31.4	120.5	110.6	141.8	104.0	81.7	26.4	.0	.0	617
1912	.0	.0	.0	41.4	132.8	175.4	145.0	122.3	82.8	43.9	.0	.0	744
1913	.0	.0	.0	44.6	130.8	184.7	164.6	119.1	69.9	34.7	.0	.0	749
1914	.0	.0	.0	45.0	150.9	188.4	172.8	150.8	96.7	20.2	.0	.0	825
1915	.0	.0	.0	43.8	144.9	149.3	172.2	160.8	76.5	43.3	.0	.0	791
1916	.0	.0	.0	41.2	118.9	120.7	132.0	123.1	104.3	43.6	.0	.0	684
1917	.0	.0	.0	50.8	163.2	179.5	161.7	156.4	71.3	43.2	.0	.0	826
1918	.0	.0	.0	52.9	127.7	159.0	157.1	136.8	92.2	44.9	.0	.0	770
1919	.0	.0	.0	22.5	101.1	95.0	147.6	107.9	91.9	45.2	.0	.0	611
1920	.0	.0	.0	40.6	120.9	127.7	168.2	137.0	78.6	48.2	.0	.0	721
1921	.0	.0	.0	37.7	129.4	141.1	151.6	126.9	55.9	19.1	.0	.0	662
1922	.0	.0	.0	37.8	116.5	158.8	160.7	109.2	68.6	35.2	.0	.0	687
1923	.0	.0	.0	45.3	144.7	159.2	149.6	159.7	119.3	54.8	.0	.0	833
1924	.0	.0	.0	41.3	135.9	162.7	180.3	157.6	101.3	49.9	.0	.0	829
1925	.0	.0	.0	47.8	136.6	129.0	180.4	149.8	81.8	43.6	.0	.0	769
1926	.0	.0	.0	45.1	153.3	168.6	173.7	146.9	100.1	43.4	.0	.0	831
1927	.0	.0	.0	59.9	127.3	153.0	145.7	162.1	97.2	41.1	.0	.0	786
1928	.0	.0	.0	38.5	130.6	127.7	118.9	125.3	96.0	48.2	.0	.0	685
1929	.0	.0	.0	47.6	140.4	164.9	181.0	186.2	104.5	41.2	.0	.0	866
1930	.0	.0	.0	38.5	119.3	134.4	142.3	130.9	101.6	40.3	.0	.0	707
1931	.0	.0	.0	54.1	126.3	160.5	172.8	161.4	80.0	37.6	.0	.0	793
1932	.0	.0	.0	39.3	159.5	133.1	158.2	157.7	118.2	47.3	.0	.0	813
1933	.0	.0	.0	52.3	144.9	184.5	184.7	191.0	110.6	50.7	.0	.0	919
1934	.0	.0	.0	58.4	170.3	159.5	193.8	175.2	105.0	48.0	.0	.0	910
1935	.0	.0	.0	43.0	140.5	157.9	151.9	159.8	104.2	59.6	.0	.0	817
1936	.0	.0	.0	51.8	151.3	165.0	185.8	168.4	109.6	62.1	.0	.0	894
1937	.0	.0	.0	42.8	144.2	168.5	175.0	169.3	103.2	53.6	.0	.0	857
1938	.0	.0	.0	56.9	134.2	172.5	153.2	193.2	133.3	62.4	.0	.0	906
1939	.0	.0	.0	53.5	137.5	140.9	205.1	159.1	101.4	50.1	.0	.0	848
1940	.0	.0	.0	50.1	134.1	156.0	170.8	168.0	105.0	47.9	.0	.0	832
1941	.0	.0	.0	33.7	124.5	124.8	143.0	143.3	94.8	46.7	.0	.0	711
1942	.0	.0	.0	42.1	123.6	143.7	159.2	143.1	106.3	56.2	.0	.0	774
1943	.0	.0	.0	61.6	127.3	128.0	160.1	155.8	120.3	64.9	.0	.0	818
1944	.0	.0	.0	54.5	119.5	118.7	167.9	157.9	79.6	47.5	.0	.0	746
1945	.0	.0	.0	41.9	115.9	145.6	151.7	161.7	103.7	51.5	.0	.0	772
1946	.0	.0	.0	64.0	136.9	157.6	175.6	172.7	115.9	51.3	.0	.0	874
1947	.0	.0	.0	44.7	126.5	148.3	161.8	137.0	111.6	55.2	.0	.0	785
1948	.0	.0	.0	38.9	138.4	147.1	152.7	145.9	134.6	66.6	.0	.0	824
1949	.0	.0	.0	48.4	131.8	158.1	175.2	159.7	110.5	52.3	.0	.0	836
1950	.0	.0	.0	42.3	101.5	156.2	142.7	143.5	98.7	49.4	.0	.0	734
1951	.0	.0	.0	50.1	156.2	155.3	180.3	142.1	91.3	46.1	.0	.0	821
1952	.0	.0	.0	76.8	143.3	163.7	164.5	167.1	125.5	64.6	.0	.0	905
1953	.0	.0	.0	54.7	124.9	134.9	165.8	156.7	101.0	50.6	.0	.0	789
1954	.0	.0	.0	48.1	131.7	144.7	145.5	134.7	96.9	54.7	.0	.0	756
1955	.0	.0	.0	52.2	147.6	143.6	167.4	190.7	122.8	58.4	.0	.0	883
1956	.0	.0	.0	45.5	126.8	174.8	142.7	149.5	104.6	59.0	.0	.0	803
1957	.0	.0	.0	46.5	164.3	141.8	171.1	155.1	100.6	51.1	.0	.0	830
1958	.0	.0	.0	71.8	173.2	179.6	163.9	170.2	123.0	54.3	.0	.0	936
1959	.0	.0	.0	57.9	141.2	158.7	182.7	176.3	104.3	44.3	.0	.0	866
1960	.0	.0	.0	47.3	152.1	166.4	217.2	174.1	122.5	67.1	.0	.0	947
1961	.0	.0	.0	52.3	159.5	226.2	181.8	216.9	108.3	63.8	.0	.0	1009
1962	.0	.0	.0	42.8	119.1	151.1	159.7	150.8	119.3	49.1	.0	.0	792
1963	.0	.0	.0	49.3	129.3	146.8	174.0	157.2	119.0	71.5	.0	.0	847
1964	.0	.0	.0	54.8	156.1	153.4	161.7	191.5	129.6	70.9	.0	.0	918
1965	.0	.0	.0	47.9	147.7	197.5	164.3	157.1	99.4	64.0	.0	.0	878
1966	.0	.0	.0	49.8	133.4	163.9	158.4	154.7	120.8	53.2	.0	.0	834
1967	.0	.0	.0	47.1	140.1	171.5	176.1	181.7	158.4	49.7	.0	.0	925
1968	.0	.0	.0	59.1	135.8	171.8	169.6	139.6	103.6	51.0	.0	.0	830
1969	.0	.0	.0	56.7	131.5	148.2	146.3	163.0	96.7	44.6	.0	.0	787
1970	.0	.0	.0	43.7	124.5	153.2	180.5	187.5	103.5	57.5	.0	.0	850
1971	.0	.0	.0	50.2	147.9	128.8	157.0	166.9	114.4	43.9	.0	.0	809
1972	.0	.0	.0	43.5	136.7	169.3	151.7	150.8	117.1	55.8	.0	.0	825
1973	.0	.0	.0	62.5	146.0	147.4	161.9	144.6	111.9	44.7	.0	.0	819
1974	.0	.0	.0	39.4	112.9	185.7	208.0	163.7	105.4	63.6	.0	.0	879
1975	.0	.0	.0	49.9	131.7	132.9	173.0	137.3	108.3	54.9	.0	.0	788
1976	.0	.0	.0	56.1	146.9	155.9	197.5	179.0	144.0	67.7	.0	.0	947
1977	.0	.0	.0	93.0	167.5	144.6	170.8	143.6	91.2	65.0	.0	.0	876
1978	.0	.0	.0	62.1	166.8	153.8	154.6	163.5	117.7	56.1	.0	.0	874
1979	.0	.0	.0	42.5	118.0	171.4	179.3	150.7	114.5	57.0	.0	.0	833
1980	.0	.0	.0	81.4	192.2	194.3	202.8	135.2	107.0	54.6	.0	.0	967
1981	.0	.0	.0	64.9	156.9	151.3	171.8	148.1	112.4	58.3	.0	.0	864
1982	.0	.0	.0	63.3	148.3	164.4	162.7	163.9	124.2	43.3	.0	.0	870
1983	.0	.0	.0	54.9	143.6	149.8	169.6	174.6	118.4	46.7	.0	.0	858
1984	.0	.0	.0	70.1	148.3	134.1	155.4	175.4	104.1	46.3	.0	.0	834
1985	.0	.0	.0	55.5	131.1	143.2	154.4	127.8	94.3	56.2	.0	.0	762
1986	.0	.0	.0	51.9	126.5	150.4	140.5	153.2	90.8	50.2	.0	.0	763
1987	.0	.0	.0	63.5	151.4	152.5	135.8	141.3	100.5	52.9	.0	.0	798
1988	.0	.0	.0	78.1	158.5	190.4	184.5	182.8	119.8	57.4	.0	.0	972
1989	.0	.0	.0	54.3	160.5	142.8	156.0	164.5	120.6	59.0	.0	.0	858
1990	.0	.0	.0	56.5	135.4	122.6	149.0	184.4	118.8	64.9	.0	.0	832
1991	.0	.0	.0	63.0	133.7	157.0	168.3	194.8	134.6	60.0	.0	.0	911
1992	.0	.0	.0	47.8	160.9	141.2	134.0	146.7	115.3	55.1	.0	.0	801
1993	.0	.0	.0	56.0	139.7	161.5	135.4	128.6	103.4	57.5	.0	.0	782
1994	.0	.0	.0	69.4	144.8	141.7	143.0	132.2	94.1	47.6	.0	.0	773
1995	.0	.0	.0	44.5	124.1	164.9	164.5	167.2	101.6	39.9	.0	.0	807
1996	.0	.0	.0	40.7	120.1	163.1	143.9	138.9	93.8	55.4	.0	.0	756
1997	.0	.0	.0	45.4	140.8	175.3	153.3	146.9	115.9	50.1	.0	.0	828
1998	.0	.0	.0	65.4	120.9	114.3	140.7	156.0	107.2	40.2	.0	.0	745
1999	.0	.0	.0	66.7	134.7	133.7	141.3	144.0	95.9	54.5	.0	.0	771
2000	.0	.0	.0	68.9	138.2	135.0	142.2	156.8	105.7	61.6	.0	.0	808
MIN	.0	.0	.0	22.5	101.1	95.0	118.9	104.0	55.9	19.1	.0	.0	611
MAX	.0	.0	.0	93.0	192.2	226.2	217.2	216.9	158.4	71.5	.0	.0	1009
MEAN	.0	.0	.0	51.6	138.4	153.7	162.9	155.3	105.2	51.3	.0	.0	819