Probable Maximum Flood On The Boyne River At Carman

by

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ABSTRACT

On medium and large watersheds of the Canadian Prairies, the probable maximum flood would result from the melting of the accumulated winter snowpack with concurrent spring rainstorms. This study estimates the probable maximum flood for the Boyne River watershed at Carman, Manitoba as the result of the wettest expected antecedent soil moisture conditions, the probable maximum winter snow accumulation, the probable maximum snow melt, and the probable maximum spring rainfall. A hydrological simulation program is used to combine the hydrometeorological factors and to estimate the probable maximum flood. In addition, flood forecasting regression equations, developed by the Manitoba Water Resources Branch, have been used for comparison. Based on this analysis, the probable maximum flood at Carman is estimated to have a total runoff volume of approximately 14 inches (356 millimetres) of water and a peak flow of about 17,000 cubic feet per second (482 cubic metres per second).[1]

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[1] This study uses imperial units with metric units in brackets which corresponds with the current practice in the Manitoba Water Resources Branch.

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Chapter I

INTRODUCTION

The purpose of this study is to determine the probable maximum flood on the Boyne River watershed at Carman, Manitoba from the meteorological conditions leading to this event. These conditions are used as input into a hydrological simulation program. The simulation program is used to combine these meteorological factors and to estimate the peak flow and total flood volume of the probable maximum flood. Flood forecasting regression equations are used for a comparison of estimates.

A definition of the probable maximum flood is provided with a description of its purpose. The accepted engineering practice in determining probable maximum floods is discussed.

A brief outline of the study organization is presented at the end of this chapter.

1.1 DEFINITION OF THE PROBABLE MAXIMUM FLOOD

The probable maximum flood is the greatest flood that may reasonably be expected to occur at a given location, taking into account all pertinent conditions of location, meteorology, hydrology and terrain (Chow, 1964). While this definition carries some implication of an upper limit, it is not the maximum possible flood. It is nearly impossible to determine the latter with certainty. More over, combinations of hydrometeorological factors that are physically possible may be so improbable that it would be unreasonable to use such combinations as a basis for design. The use of the term "reasonable" in the definition of the probable maximum flood is a weakness, since it introduces a subjective element in the definition. It is therefore important to note that over the years a degree of consensus has developed among professional engineers in the field about the procedures to be used in the derivation of the probable maximum flood, at least for those floods where rainfall is the major contributing factor. This means that "reasonable" reflects not merely the judgment of the individual design engineer but is based on the collective judgment of the profession. Unfortunately, such a consensus has not been achieved in cases where the combination of snowmelt and rainfall is the major cause of floods. A greater degree of subjectivity in the derivation of such floods is therefore inevitable.

What is reasonable in the establishment of a design flood depends on the consequences of the flood being exceeded. The probable maximum flood has generally been used as the design flood where failure of a major hydraulic structure (i.e. reservoir spillway, floodway) would threaten many human lives and cause disastrous property damage downstream. In determining the design flood, the engineer is concerned with balancing the cost of the structure on one hand with the risk of loss of life and property on the other. The probable maximum flood is seldom, if ever, used as the design flood for local protection works.

The probable maximum flood estimate can vary over a significant range of values each associated with a certain degree of conservatism depending on the assumptions and the data used in the analysis. The practice of determining a reasonable value for the probable maximum flood requires the combined professional judgment of experienced engineers and hydrologists.

1.2 ACCEPTED ENGINEERING PRACTICE

There are basically two approaches for determining design floods: the hydrometeorological approach and the probabilistic approach. For major dams where failure would threaten many human lives downstream, probable maximum floods determined through hydrometeorological analysis have generally been used in designing for structural safety

(Bi-Huei Wang, R.W. Revell, 1983). This study uses the hydrometeorological approach to determine the probable maximum flood.

Hydrometeorological records are reviewed to determine whether the probable maximum flood is likely to be caused by rainfall, snowmelt or a combination of snowmelt and rainfall. This review determines the appropriate accepted engineering practice to be used to estimate the probable maximum flood.

The accepted engineering practice in estimating probable maximum floods due only to rainfall is well documented (Chow, 1964; Weisner, 1970; United States Department of Interior Bureau of Reclamation, 1976; F. F. Snyder, 1964). The procedure involves: estimating the probable maximum precipitation using the methods outlined in the World Meteorological Organization publications (1969 and 1973); estimating from historical data the losses due to evapotranspiration and infiltration taking into account wettest expected antecedent soil moisture conditions; and estimating the total runoff volume and peak flow by using a water budget (i.e. computer model simulation, unit hydrograph method).

Although, on the medium and large watersheds of the Canadian prairies peak flows often occur as the result of the melting of the accumulated winter snowpack with

concurrent spring rainstorms, there is little documentation (World Meteorological Organization, 1969) of an accepted engineering practice in estimating probable floods due to snowmelt alone or to a combination of snowmelt and rainfall.

An adhoc procedure to estimate the probable maximum flood on the Boyne River watershed as a result of snowmelt with a concurrent spring rainstorm is developed from the studies of Buckler and Quine, 1970; Buckler, 1968; Bruce, 1962; and F. F. Franklin, 1965 and the following available literature: Chow, 1964; United States Department of the Interior Bureau of Reclamation, 1976; Wiesner, 1970; and the World Meteorological Organization, 1969. This procedure can be described as follows:

1. Determine the probable maximum seasonal snow accumulation using the partial season method.

   There is insufficient long term climatological information to use the snow storm maximization method or the statistical method. The first step of the partial season method is to estimate the probable longest period of snow accumulation. The maximum amount of snow accumulation is then estimated within this period by assuming the occurrence of a succession of individual storms.

2. Estimate the probable maximum precipitation using established procedures (World Meteorological

Organization, 1973; Chow, 1964) but confining the study to include for maximization only those storms which have occurred during the critical snowmelt runoff period.

The seasonal variation of probable maximum precipitation is determined so that various combinations for different times of the melting season can be evaluated in order to obtain the most critical combination (World Meteorological Organization, 1973). For example, in the Boyne River watershed, maximized June storms may provide the controlling points for probable maximum precipitation but optimum combinations of accumulated snow on ground and melting rates are found in April and early May.

In this study, the established procedures cannot be used to estimate the probable maximum spring precipitation as adequate dewpoint information is not available. Dewpoint information is essential for moisture maximization of a storm which is a primary step in estimating probable maximum precipitation.

The largest observed spring rainstorm can be used to approximate the probable maximum spring precipitation. The combination of probable maximum snowmelt runoff with probable maximum rainfall runoff

is considered by The United States Department of Interior Bureau of Reclamation to be unreasonably severe for estimation of an inflow design flood. The policy of the Bureau of Reclamation is "to combine runoff from a major rainstorm that could occur during the snowmelt season with probable maximum snowmelt runoff." Therefore, for this study, the largest observed spring rainstorm is considered sufficiently severe to adequately represent a probable maximum spring precipitation contribution to the probable maximum flood.

3. Estimate the critical melt rates of the snowpack to calculate snowmelt runoff using the energy balance method or the degree day method.

Either one of two basic approaches can be taken to estimate critical snowmelt rates: calculation of snowmelt runoff by means of an air temperature index (degree day method); or calculation of melt using generalized snowmelt equations based on an energy balance. Detailed information regarding both approaches can be found in the Corps of Engineers report, "Snow Hydrology" (United States Department of Interior, Bureau of Reclamation, 1976).

In this study, the critical melting rate of the snowpack is estimated on the basis of an energy balance method using generalized snowmelt equations

in the hydrological simulation program (HSPF). A similar approach has been used in other probable maximum flood studies (P. E. Fawkes, British Columbia Hydro and Power Authority, 1975).

4. Estimate the amount of melt water and spring rainfall that will appear as streamflow using a water budget.

A water budget method is the basic approach used to estimate total runoff volume. The initial soil moisture condition and losses due to infiltration and evapotranspiration are taken into account in this method. Peak flow can be estimated by using flood-hydrograph synthesis (i.e. unit hydrograph method). Detailed information on the water budget and flood hydrograph synthesis is found in the 1964 publication, "Handbook of Applied Hydrology" by V. T. Chow.

In this study, the total runoff volume is estimated on the basis of the water budget method using the hydrologic simulation program (HSPF). The wettest expected antecedent soil moisture is used for the initial soil moisture condition to establish the initial availability of storage for infiltration. Snowmelt with concurrent spring rain are routed through this mathematical model to derive the peak flow of the probable maximum flood. This is similar to the procedure used in the 1965 report on "Review

of Spillway Design Flood Derivations for the Portage Mountain Dam, Peace River, B.C." by F. F. Snyder. Flood forecasting regression equations are used to compare estimates of total runoff volume and peak flow with HSPF.

1.3 STUDY ORGANIZATION

Chapter 2 of this study provides a description of the physical environment, the history of flooding and the available climatological data on the Boyne River watershed upstream of Carman, Manitoba.

Chapter 3 provides an estimate of the probable maximum snow accumulation using the partial season method.

Chapter 4 provides an estimate of the probable maximum spring precipitation during snowmelt runoff.

Chapter 5 presents a hydrological simulation program that uses an energy balance and a water budget to provide an estimate of the maximum flood peak and the total volume of the probable maximum flood on the Boyne River watershed at Carman. Flood forecasting regression equations are also presented to provide a similar estimate. The results of the hydrologic simulation program are compared with the results of the flood forecasting regression equations.

The last chapter of this study, Chapter 6, summarizes the implications of the estimates of the probable maximum flood at Carman.

Chapter II

BASIN CHARACTERISTICS

The following background information describes the physical environment, the history of flooding and the available climatological data on the Boyne River watershed.

2.1 PHYSICAL CHARACTERISTICS

The Boyne River watershed is located on the escarpment in Southern Manitoba as shown in Appendix A. The Boyne River drains an area between the Pembina River, the Assiniboine River, and the Cypress River watersheds. The gross drainage area of the Boyne River watershed at Carman is 461 square miles (1194 square kilometres). The River flows in an easterly direction into the Red River Valley. The elevation in the watershed ranges from 1600 feet (488 metres) in the headwaters to 850 feet (259 metres) at the hydrometric gauge near Carman. Due to this relatively steep slope, the watershed is quite well drained naturally so that no major drainage works have been constructed. However, drainage in the headwaters has been improved gradually over the years mainly for agricultural purposes. This study assumes that the hydrologic characteristics on the Boyne River have not changed significantly as a result of drainage works as far as large floods are concerned (H. R. Whiteley, 1975).

Clay loams are the predominant soil type in the uplands (above 1050 feet or 320 metres). In the lowlands, a fine sandy loam is the characteristic soil type. Most of the lowlands are under cultivation. In the uplands, a large portion of the land is still in its natural state.

The only significant man-made structure which controls flows on the Boyne River is the dam at Stephenfield. The reservoir has a capacity of 7200 acre-feet (8.9 million cubic metres) and was constructed in 1963. It serves as a water supply for the town of Carman, for a feed lot, and for a number of small irrigation operations. As there is little storage available for flood control, the effect of the reservoir on the probable maximum flood is negligible.

2.2 HISTORY OF FLOODING

The Boyne River has a history of severe floods resulting in damage to agricultural land just below the Manitoba escarpment and to the town of Carman. Well documented floods occurred in 1970, 1974, and 1979. A flood in 1893 may have equalled the estimated 100 year flood. An annual peak discharge frequency curve is shown in Appendix B.

Channel breakouts occur on the Boyne River just below the Manitoba escarpment where it flows in a southeasterly direction. Water from such channel breakouts inundates and erodes agricultural land before entering local drainage

systems, which convey the water south and back to the Boyne River. In 1979, a portion of a channel breakout southeast of Rathwell was reported to have left the Boyne River watershed to the northeast.

The town of Carman sustains flood damage due to periodic inundation from the Boyne River. The town of Carman, with a population of approximately 2500, serves as an important regional agricultural service centre. This growing community also serves as a prominent and popular retirement settlement. Although emergency measures were carried out to protect developed areas, damages in a flood such as in 1979 (estimated frequency of occurrence of about 6 percent) were estimated to be approximately $2.1 million in 1981 dollars (Canadian-Manitoba Adhoc Task Force, 1981). The severity of past flood damage has led the town of Carman to seek flood control measures. A diversion around the town has been found to be economically feasible. The town of Carman is currently seeking cost-sharing with the Province of Manitoba for construction of this diversion.

2.3 CLIMATOLOGICAL DATA

Recorded maximum daily temperatures, minimum daily temperatures and daily precipitation at the Graysville climate station for the period of record 1925 to 1982 inclusive are used in this study. The climatological data obtained by the Atmospheric Environment Service of

Environment Canada are shown in Appendix C, Tables 1, 2, and 3 respectively. Daily precipitation in the form of accumulated snow is shown in terms of water equivalent as indicated in the Atmospheric Environment Service publication "Monthly Record, Meteorological Observations in Western Canada".

Any missing records in the climatological data are supplemented with data from the Morden experimental climate station. The Morden station was chosen because of its long period of continuous record. The fact that the Morden station lies somewhat outside of the watershed should cause little error since over a short distance, climatic variables are very highly correlated.

Chapter III

THE DESIGN SNOWPACK

In order to estimate the snowmelt portion contributing to the probable maximum flood, the probable maximum snow accumulation is first determined by using the partial season method. In this method, the probable longest period to accumulate snow is estimated. This provides a synthetic snow accumulation season since it is created artificially. Within this synthetic season, the probable maximum snow accumulation is estimated in inches of water.

3.1 LENGTH OF SNOW ACCUMULATION SEASON

The probable longest period of snow accumulation will be defined by determining the earliest and latest dates of snow accumulation for the period of record 1925 to 1982. The dates of the beginning and the end of snow accumulation for each year of the period of record are estimted by reviewing daily temperature records from the Graysville climate station. These dates are reviewed to define the probable longest period of snow accumulation and thus, the synthetic snow accumulation season.

Criteria to establish the beginning and the ending of snow accumulation for each year have been developed. The

beginning of the snow accumulation period is defined as the date when the daily maximum and the daily minimum temperatures remained below 32 degrees Farenheit (zero degrees Celsius) for at least three consecutive days with no significant subsequent melting period. The end of the snow accumulation period is defined as the date when the daily maximum temperature is greater than 38 degrees Farenheit (3.3 degrees Celsius) for four consecutive days in March or three consecutive days in April with no further significant freezing period. Under this criteria, no significant snowmelt is assumed to occur when maximum daily temperatures are less than 38 degrees Farenheit (3.3 degrees Celsius). The additional consecutive day requirement in March is to prevent assigning the beginning of the melt period to a warming spell followed by weather allowing continuation of snow accumulation. A warm spell contributes only to the ripening of the snowpack. A mixture of a snow-rain precipitation event in April is assumed to have occurred during the spring melt and is not included in the snow accumulation period.

In years with a two or three week warm spell occurring in late March and extending into April, the snow accumulation season could be prematurely ended. Typically, maximum daily temperatures can rise to between 40 to 50 degrees Farenheit (4.4 to 10.0 degrees Celsius). Corresponding minimum daily temperatures can be low enough to cause freezing of the

snowpack. In such cases, the end of the snow accumulation period is redefined as the date when the daily minimum temperatures are greater than 32 degrees Farenheit (zero degrees Celsius) for four consecutive days in March or three consecutive days in April with no further significant freezing period. The criteria has the effect of ignoring snowpack ripening periods and subsequently lengthening the snow accumulation period.

A further check on the snow accumulation period has been conducted. Available records where the precipitation amounts of snow (water equivalent) and rain are indicated separately are examined to establish the dates of the actual beginning, and the actual end of the snow accumulation period. A comparison check between a number of actual and estimated snow accumulation periods reaffirms the criteria to estimate the annual snow accumulation period.

Under these criteria, the dates of the beginning and the end of snow accumulation for each year of the period of record 1925 to 1982 are estimated as shown in Appendix D, Table 1.

The snow accumulation seasons for the period of record are reviewed to determine the earliest and latest dates of snow accumulation. Based on this analysis the probable longest snow accumulation begins on October 27th and ends on April 21st. In this manner the synthetic snow accumulation season is derived.

3.2 ESTIMATION OF PROBABLE MAXIMUM SNOW ACCUMULATION

There appears to be no standard definition of the probable maximum snow accumulation in available literature (Chow, 1964; World Meteorological Organization, 1969; D.M. Gray and D.H. Male, 1981). For this study the probable maximum snow accumulation is defined as the greatest amount of snow that would accrue from a reasonable number of snowfall events less snowpack losses in the synthetic snow season.

Adjustments on historical basin snowfalls due to the effects of aerial distribution, escarpment and land cover are considered first. These historical snowfall data are then reviewed to estimate the maximum number of large snowfall events in the synthetic snow season to limit the estimate of snow accumulation to reasonable amounts. Under this criteria, time intervals containing the greatest amounts of historical snowfall accumulation are combined to estimate the probable maximum snow accumulation within the synthetic snow season.

Daily precipitation records at the Graysville climate stations are used to estimate snow accumulation over the entire Boyne River watershed. In the case of snowfall, point precipitation is used to adequately represent basin precipitation. This appears to be justified since snowstorms are associated with low temperatures. Therefore,

snowstorms, unlike thunderstorms, occur with air masses that are relatively stable. Consequently, the storm generating mechanism for snowstorms favours a large aerial distribution of snowfall. It is therefore assumed that the point measured snowfall at Graysville adequately represents the basin precipitation on the Boyne River watershed.

The effect of the escarpment on snowfall is checked by comparing daily precipitation records at the Graysville climate station below the escarpment with daily precipitation records at the Deerwood climate station above the escarpment. There is no consistent difference between the accumulation of snow at the two climate stations to suggest that the escarpment has an effect on the distribution of snowfall.

The degree of land cover would likely have a greater impact on snow accumulation than the escarpment. Snow accumulation is greater on an area covered with bush than on an open area under cultivation. Bush cover is predominant in the headwaters of the Boyne River watershed above the escarpment. The lowland area below the escarpment is predominantly under cultivation. The effect of the distribution of land cover on snow accumulation on the Boyne River watershed cannot be quantified. Point measured snow accumulation at Graysville would likely result in a conservative estimate of the average basin snow cover.

Criteria to limit the estimate of snow accumulation in the synthetic snow season to reasonable amounts is developed from a review of historical snowfall data at Graysville. The greatest number of snowfalls in the period of record from 1925 to 1982 is thirty-three in the winter of 1979; the average number in a winter is about twenty. However, the vast majority of these snowstorms produce very little water. In the period of record there are only two winters (1956 and 1966) over which four of the snowfalls each produces about one inch (25.4 millimetres) of water. There is one winter (1970) over which five of the snowfalls produced the following amounts of water; three at 0.7 inches (17.8 millimetres), one at 1.7 inches (43.2 millimetres) and one at 2.1 inches (53.3 millimetres). Snowstorms occur in low air temperatures which have a low capacity to hold moisture. Consequently, snowstorms produce small quantities of liquid precipitation when compared to rainstorms. Major snow storms such as these would contribute significantly to the snowpack and thus are relatively rare. It is assumed that the probable maximum number of major snowfall events over a winter that could each be expected to produce more than one inch (25.4 millimetres) of water is five. Furthermore, these five snowstorms are not all clustered in any one month but are spread out over the winter. This is now referred to as the five major snowstorms criterion.

The probable maximum snow accumulation is estimated by combining the greatest amounts of snow observed in a certain time interval (for example: six days, a month or fortnight) over the synthetic snow season. An appropriate time interval for this estimation is determined using the five major snowstorms criterion. The synthetic snow accumulation season from October 27th to April 21st is arbitrarily divided into interval sets of one, then three, four, six, thirty, thirty-one, thirty-five, and forty day intervals. With the aid of a computer program, each interval within an interval set is given the maximum total snow accumulation recorded for the interval in the years 1925 to 1982.

The total snow accumulation over the synthetic season decreases with increasing interval length. The largest maximum snow accumulation from October 27th to April 21st is 83.0 inches (2108 millimetres) of water. This amount is generated using a daily interval set. A daily interval set is not used to estimate total snow accumulation over the synthetic season as it would not be reasonable to assume that snowfall in successive days is independent. The smallest maximum snow accumulation occurs in a forty day interval set, producing 15.1 inches (384 millimetres) of water. By increasing the number of days in an interval, the number of major snowfall events in the synthetic snow season is reduced.

A thirty-one day interval set for snow accumulation is chosen as it fits the five major storms criterion. The probable maximum snow accumulation within the synthetic snow season is estimated to be 16.6 inches (422 millimetres) of water. The distribution of this accumulated water in the synthetic snow season is shown in Appendix E. This amount of water available for runoff does not take into account snowpack losses. Snowpack losses will be discussed in the next section.

3.3 SNOWPACK LOSSES

The probable maximum snow accumulation in the synthetic snow season might have been expected to have been slightly lower due to possible losses from the snowpack by evaporation and to the ground through melt from heat conduction from the ground. The findings of McKay and Blackwell (1961) in their work at Regina indicate that, on the Prairies, the loss due to evaporation is largely compensated for by the condensation of water vapour on the snow. Further study is required to ascertain the applicability of these findings on the Boyne River watershed. However, in the case of a severe winter (such as the probable maximum snow accumulation) with many major snowstorms, weather conditions (high atmospheric moisture conditions and low temperatures) are more favourable to condensation than to evaporation. Consequently, the

findings of McKay and Blackwell (1961) may be justified in this study.

In view of the difficulties inherent in the estimates of maximum winter snow accumulation, the snowpack losses are assumed to be within the range of errors involved in the estimates. Consequently, no deductions for evaporation and ground melt losses are made from the maximum snowpack determinations. This does not preclude making allowances for such losses during the melt period of the probable maximum flood.

3.4 SUMMARY

The synthetic snow accumulation season is estimated to begin on October 27th and to end on April 21st. The probable maximum snow accumulation in the synthetic season is estimated to be 16.6 inches (422 millimetres) of water. Snowpack losses by evaporation and ground melt are assumed to be negligible. The 16.6 inches (422 millimetres) of water is the potential contribution of snowmelt to the probable maximum flood.

There is a need for further study on establishing an acceptable engineering practice for estimating the snowmelt portion contributing to the probable maximum flood on the Canadian Prairies. There is also a need for study on snowpack losses during the snow accumulation period to reinforce the findings of McKay and Blackwell (1961).

Chapter IV

PROBABLE MAXIMUM RAINFALL

Probable maximum rainfall is defined (World Meteorological Organization, 1973) as the greatest depth of rain for a given duration meteorologically possible for a given basin at a particular time of year, with no allowance made for long-term climatic trends. Probable maximum rainfall estimates are usually considered as approximations. Current knowledge of storm mechanisms and their precipitation-producing efficiency is inadequate to permit precise evaluation of extreme rainfall. In addition, the accuracy, or reliability, of an estimate depends on the amount and quality of data available for applying various estimating procedures.

The meteorological, or traditional approach of estimating the probable maximum rainfall consists essentially of moisture maximization and transposition of observed storms. Wind maximization is sometimes used. Storm transposition consists of the transposition of an observed depth-area-duration geographic distribution of rainfall from the area in which it occurred to the basin under investigation.

The seasonal variation of the probable maximum rainfall is considered in this study as the probable maximum flood on the Boyne River watershed at Carman would result from a combination of snowmelt and spring rain. Without this time restriction, the estimated probable maximum rainfall (6 hour duration) is approximately 14 inches (356 millimetres) of water and it would occur during the summer months (generalized charts of probable maximum precipitation, U.S. National Weather Service, 1978). The probable maximum rainfall in April would have a smaller volume due to lower temperatures and to lower amounts of available moisture. Consequently, the estimated probable maximum rainfall is seasonally adjusted by limiting the study to those observed storms which have occurred during the critical snowmelt runoff period in the month of April and up to ten days in the month of May.

Due to a deficiency of meteorological information, the probable maximum spring rainfall is approximated by using the maximum observed spring rainfall. Use of the maximum observed spring rainfall in place of the probable maximum spring rainfall is consistent with the United States Bureau of Reclamation policy for estimating springtime seasonal probable maximum rain on snowmelt floods.

4.1 MAXIMUM OBSERVED SPRING RAINFALL

The first step in estimating the probable maximum rainfall is to determine the maximum observed rainfall during the critical snowmelt runoff period in a climatologically homogeneous area.

Precipitation records have been examined to obtain the outstanding storms of record. Climate stations are included from the Red River to the Turtle Mountain and from the Canada-United States border to Portage la Prairie. Storms producing large amounts of rainfall during the month of April up to about ten days in the month of May are considered for examination since storms occurring in this period could be considered meteorologically compatible and contribute to the probable maximum flood at Carman. The time of concentration of the effective drainage basin has been estimated to be about three days (Water Resources Branch, Province of Manitoba). Consequently, the duration of rainstorms considered are three days or less.

The largest spring rain on record occurred on April 29th and April 30th, 1896. Since the aerial extent of the two day storm is large enough to cover the Boyne River watershed, the rainfall distribution is assumed to be uniform over the basin. The storm centre passed in the vicinity of the Boyne River watershed. The average basin precipitation from this storm is estimated using available

daily precipitation records at the Treherne, Pilot Mound, Pembina Crossing, Rosebank, Morden, and Gretna climate stations. The rainfall information from the Treherne and Pilot Mound climate stations is used to represent rainfall above the escarpment. The total average rainfall from this storm above the escarpment is estimated to be 4.5 inches (114 millimetres) of water. Rainfall recorded at the other four stations is used to represent precipitation below the escarpment. The total average rainfall from this storm below the escarpment is estimated to be 3.7 inches (94 millimetres) of water. For this study, an average basin precipitation is estimated to be 4.1 inches (104 millimetres) of water.

4.2 PROBABLE MAXIMUM SPRING RAINFALL

In this study, the established procedures to maximize this storm to estimate the probable maximum spring rainfall can not be used due to a deficiency of suitable spring storms and climate data. Published hourly or daily dewpoint information does not exist for the 1896 spring rainstorm. According to the Atmospheric Environment Service, Environment Canada of the Federal Government, 1953 is the first year that hourly dewpoint data is available in southern Manitoba. Published wind information is not available in Manitoba prior to the year 1921. Without hourly or daily dewpoint and wind information, moisture

maximization, wind maximization and transposition of the observed maximum rainfall on April 29th and 30th, 1896 is not possible.

In view of this deficiency of information, the maximum observed spring rainfall of 1896 is used for approximating the probable maximum spring rainfall in this study. It can be assumed permissible not to maximize the 1896 storm as it is the largest spring storm on record. Furthermore, the combination of this large 1896 storm with the probable maximum snow accumulation makes the likelihood of this combination very small compared to the likelihood of a probable maximum precipitation due to rain only.

There are no major storms occurring in the month of April and up to ten days in the month of May that are as severe or more severe than the 1896 spring storm. The total rainfall accumulation of major storms following 1953 are more than a half inch to one inch (13 to 25 millimetres) of water less than the April 1896 rainstorm.

Transposition of the 1896 spring storm can be assumed to have little impact on estimating the probable maximum spring rainfall. The storm centre of the 1896 spring rain passed in the vicinity of the Boyne River watershed. The geographic distribution of the rainfall is large enough to have covered the Boyne River watershed. Due to the close proximity of the storm to the Boyne River watershed, the

difference between the moisture content of the storm air mass and the moisture content of the air mass over the watershed may be considered insignificant. Furthermore. there is no significant difference in ground surface elevation between the location of the storm and the Boyne River watershed.

The effects of wind maximization can be considered insignificant for this study as it is used only infrequently in non-orographic regions. The reason being that moisture inflow rates recorded in extreme storms are at a maximum or near maximum for precipitation-producing effectiveness and there is generally no need to maximize wind speeds (World Meteorological Organization, 1973).

4.3 SUMMARY

The April 1896 rainstorm is sufficiently severe that an average basin precipitation of 4.1 inches (104 millimetres) of water over a two day duration distributed uniformly over the Boyne River watershed may approximate a probable maximum spring rainfall. Consequently, the use of the April 1896 rainstorm in the estimation of the probable maximum flood on the Boyne River watershed may be justified in this study.

Chapter V

PROBABLE MAXIMUM FLOOD

For this study, the combined effects of wettest expected antecedent soil moisture conditions, probable maximum snow accumulation, probable maximum snow melt and probable maximum spring rainfall produce the probable maximum flood on the Boyne River watershed at Carman. A hydrologic simulation model developed for flood forecasting on the Boyne River watershed estimates the critical melting rate of the snowpack, the snowpack losses during the melting period, the percentage of melt water that will appear as streamflow and its timing taking into consideration the probable maximum spring rainstorm and wettest expected antecedent soil moisture conditions. Two flood forecasting regression equations developed to estimate runoff volume and peak flow for the Boyne River watershed at Carman are used to compare the results from the hydrologic simulation model.

5.1 HYDROLOGICAL SIMULATION PROGRAM - FORTRAN (HSPF)

5.1.1 Background Information

The Hydrological Simulation Program - FORTRAN (HSPF) (R. Johanson, J. Imhoff and H. Davis, 1980) is a comprehensive package for simulation of watershed runoff. The simulation

model has been calibrated and verified for the Boyne River watershed at Stephenfield (approximately 12 miles west of Carman) as part of the Boyne River Pilot Project (being undertaken by the Province of Manitoba, Water Resources Branch). Recorded data from the years 1970 (largest recorded flood volume) and 1979 (highest recorded peak flow) have been used for calibration. Verification has been undertaken with recorded data from the year 1969, 1971 and 1974.

The simulation model uses meteorological data in generalized snowmelt equations based on an energy balance to estimate the melt of the probable maximum snowpack. Five sources of heat which influence the melting of this snowpack are simulated:

1. net radiation heat, both longwave and shortwave
2. convection of sensible heat from the air
3. latent heat transfer by condensation of moist air on the snowpack
4. heat from rain, sensible heat from rain falling and latent heat from rain freezing on the snowpack
5. conduction of heat from the underlying ground to the snowpack.

Energy values are calculated in terms of the water equivalent which they can melt.

The probable maximum snowmelt and probable maximum spring rain water are used for input to the "lands phase" (hydrology) portion of HSPF. The "lands phase" uses a water budget to predict runoff of the probable maximum flood water to streams. The streamflow is then routed through the watershed.

Soil moisture is accounted for in the water budget to measure the availability of ground water storage to infiltration. The initial soil moisture condition prior to freeze up in the fall is an important factor in determining the amount of runoff from snowmelt in the spring. A high initial soil moisture condition in the fall at freeze up decreases the available water storage for the initial water yielded from snow before snowmelt. This enhances runoff conditions in the watershed.

The result of this simulation is a time history of runoff from which the runoff volume and peak flow of the probable maximum flood at Carman are estimated.

5.1.2 Probable Maximum Flood Input to HSPF

HSPF requires meteorological data as well as the initial snowpack and watershed conditions for input to simulate snowmelt and spring rainfall of the probable maximum flood. This information is not available for the probable maximum flood because the actual data does not exist. However,

actual meteorological data for severe spring runoff conditions does exist from the calibration and verification years of the model (1969, 1970, 1971, 1974, and 1979). Calibration of HSPF for the probable maximum flood conditions is accomplished by using combinations of actual meteorological data from the years with severe spring runoff conditions. For example, the spring of 1969 had the meteorological conditions that produced the fastest recorded melt sequence (melt primarily caused by radiation) over the Boyne River watershed. Combining actual meteorological data from a number of severe spring runoff events would likely produce weather conditions for a probable maximum flood. Consequently, HSPF is calibrated with the combined actual meteorological data to approximate weather conditions for the probable maximum flood.

The initial snowpack, climate and watershed conditions input to HSPF just prior to snowmelt include: the initial depth of the snowpack of 16.6 inches (422 millimetres) of water (probable maximum snow accumulation), the initial air temperature prior to snowmelt obtained from 1969 meteorological data, the reflectance of the snowpack (albedo) based on 1969 snowfall data, the initial relative density of the snowpack assumed to be 21 percent (obtained from 1970 snow survey information since this is the largest accumulation of snow on record) and the estimated wettest soil moisture condition represented with data from the year

1968 (the year 1968 had wettest antecedent precipitation conditions on record).

The meteorological input data to HSPF needed for the snowmelt period are: six-hourly air temperature (degrees Farenheit), dewpoint (degrees Farenheit), solar radiation (Langleys) and wind velocity (miles per hour) data from 1969 and six-hourly precipitation (probable maximum spring rainfall data from 1896 in inches of water). For the latter, the meteorological input data correspond to a 1974 rainstorm and are used to represent the conditions of the probable maximum rainfall. The 1974 rainstorm occurred at the peak flow and was the highest recorded flow. This represents severe weather conditions for the probable maximum precipitation.

5.1.3 HSPF Analysis of the Probable Maximum Flood

HSPF is first run without the probable maximum spring rainfall to determine the date of the peak flow due to snowmelt alone. This allows the synthetic rainall conditions to be merged before the peak flow with the 1969 meteorological data which occurs prior to this synthetic rainstorm. The model is then re-run to include the effect of the probable maximum rainfall to estimate the amount of runoff and peak flow from the probable maximum flood at Carman.

The maximum amount of snowmelt is limited by the amount of energy available to melt the snow and not by the quantity of snow that can be accumulated. HSPF estimates that the probable maximum snowpack would be completely melted in 12 days. The snowpack is assumed to completely disappear when the frozen content of the snowpack required for complete aerial cover of snow is equal to one-tenth of the maximum aerial snow cover remaining. The peak flow due to snowmelt alone occurs ten days from the start of melt of the ripened snowpack.

The probable maximum flood is more sensitive to total rain than to total snowmelt. The timing of the probable maximum rainfall is critical to the peak flow of the probable maximum flood. If this rainfall occurs after the peak flow due to snowmelt, the probable maximum peak flow would be significantly reduced and could have a lower second peak flow. The estimated probable maximum rainfall conditions over a two day period is added two days prior to the peak flow. This has the effect of maximizing the total runoff from the rain on snowmelt as the maximum infiltration and storage requirements have been achieved.

The amount of runoff from the probable maximum flood is calculated to be approximately 14.4 (366 millimetres) of water. This runoff quantity results from the deduction of snowmelt losses from the total amount of water available for runoff (20.7 inches or 526 millimetres of water). The

energy balance and "lands phase" portions of the model computes the snowmelt losses to be 6.3 inches (160 millimetres) of water. Snowmelt losses occur from evapotranspiration and infiltration.

The peak flow of the probable maximum flood is estimated to be about 17,000 cubic feet per second (482 cubic metres per second). The peak flow is computed from the "lands phase" portion of the model. This assumes no loss of water out of the basin. Furthermore, the attenuation of the peak flow that usually occurs due to overbank storage between Stephenfield and Carman with a flood event of this magnitude is unknown.

Channel breakouts have been observed upstream of Stephenfield just below the Manitoba Escarpment during the 1979 flood event. Some of the overland flow left the basin while the remainder is picked up by downstream drains. During the probable maximum flood, much more water would likely leave the basin. The flows are generated from the model assuming no loss of water out of the basin. The significance of the effect of channel breakouts on the probable maximum flood requires further study and is beyond the scope of this report.

5.2 FLOOD FORECASTING REGRESSION EQUATION METHOD

A flood forecasting regression equation technique is used to estimate the flood volume and peak flow of the probable maximum flood for comparison with the estimates by HSPF. This technique uses existing regression equations with the estimated values for antecedent precipitation and melt index from the years of largest runoff volume and highest flood peak and the estimated value for total precipitation. The total pecipitation is the combined estimate of the probable maximum snow accumulation and the probable maximum spring rainfall.

Flood forecasting regression equations have been developed for the Boyne River at Carman by the Province of Manitoba Water Resources Branch (Warkentin, 1972). The flood forecast equations are calibrated to the Boyne River watershed on the basis of multiple regression analysis of historical flood volume and peak flow data and unpublished estimates of antecedent precipitation and melt index (Province of Manitoba, Water Resources Branch). The flood forecast equations are verified by a comparison predicted and recorded flood volumes and peak flows on the Boyne River at Carman for the period 1964 to 1980.

The following flood forecasting regression equation developed to predict runoff volume on the Boyne River watershed at Carman has a correlation coefficient of 0.96

and a standard deviation of 0.23 inches (5.8 millimetres) of water:

$$\text{runoff (inches of water)} = c(P)^{x} (\text{A.P.I.})^{y}$$

where: c is a regression coefficient taken here as the constant = 3.8×10^{-5}

P is the total winter and melt period precpitation in inches of water

A.P.I is the antecedent precipitation index

x is a coefficient = 2.19

y is a coefficient = 1.31

The following flood forecasting regression equation to predict peak flow on the Boyne River watershed at Carman has a correlation coefficient of 0.97 and a standard deviation of 359 cubic feet per second (10 cubic metres per second):

$$\text{peak flow (c.f.s.)} = c(P)^{x} (\text{A.P.I.})^{y} (\text{M.I.})^{z}$$

where: c is a regression coefficient taken here as the constant = 1.93×10^{-3}

P is the total winter and melt period precipitation in inches of water

A.P.I. is the antecedent precipitation index

M.I. is the melt index

x is a coefficient = 1.80

y is a coefficient = 1.72

z is a coefficient = 0.93

The antecedent precipitation index (A. Warkentin, 1972) is the sum of the weighted monthly precipitations during the period of May to November inclusive. The calculation of antecedent precipitation accounts for estimates of losses in soil moisture due to evapotranspiration. Evaporation data is obtained from the publication by the Prairie Provinces Water Board in which the Meyer evaporation formula for large lakes and reservoirs is used.

The melt index (A. Warkentin, 1972) used in the peak flow forecast equation represents the calculated mean number of degree days per day occurring during the melt period. Detail on the calculation of the melt index can be found in a report dated 1972 by A. Warkentin.

The forecast equations are used with an estimated antecedent precipitation index and melt index from the year 1970. The spring of 1970 has the largest volume of actual runoff (2.6 inches or 66 millimetres of water). The amount of precipitation available for runoff is 10.0 inches (254 millimetres) inches of water. Using an antecedent precipitation index of 110, a melt index of 14.6 and the total precipitation value of 20.7 inches (526 millimetres) of water, the volume of runoff for the probable maximum flood is calculated to be 13.7 inches (348 millimetres) of water. The peak flow at Carman is estimated to be about 18,000 cubic feet per second (510 cubic metres per second).

The forecast equations are used with an estimated antecedent precipitation index and melt index from the year 1974. The spring of 1974 has the largest recorded peak flow (4,670 cubic feet per second or 132 cubic metres per second) at Carman. Using an antecedent precipitation index of 125, a melt index of 14.8 and the total precipitation value of 20.7 inches (526 millimetres) of water, the volume of runoff for the probable maximum flood is calculated to be 16.2 inches (412 millimetres) of water. The peak flow at Carman is calculated to be approximately 22,000 cubic feet per second (623 cubic metres per second).

Based on the input for the years 1970 and 1974, the flood forecasting regression equation technique estimates that the probable maximum flood at Carman would have a flood volume of about 14 to 16 inches (356 to 406 millimetres) of water and a peak flow of about 18,000 to 22,000 cubic feet per second (510 to 623 cubic metres per second). There is reasonable agreement between the HSPF and the flood forecasting regression equation technique estimates of flood volume and peak flow for the probable maximum flood on the Boyne River at Carman.

Chapter VI

CONCLUSIONS

1. The maximum snow accumulation season is estimated to be from October 27th to April 21st. The probable maximum snow accumulation over the Boyne River basin within this period is estimated to be 16.6 inches (422 millimetres) of water equivalent.
2. The probable maximum rainfall over the basin is estimated to be 4.1 inches (104 millimetres) of water over a two day period. This rainfall event is estimated to occur two days prior to the peak flow at Carman.
3. The total probable maximum precipitation available for runoff is estimated to be 20.7 inches (526 millimetres) of water. The largest total precipitation available for runoff in the period of record is estimated to be approximately 10 inches (254 millimetres) of water (1956 and 1970). The total probable maximum precipitation available for runoff is approximately twice the recorded maximum.
4. The Hydrological Simulation Program - FORTRAN uses atmospheric spring melt conditions from 1969, atmospheric rainstorm conditions from 1974 and soil moisture conditions from 1968. The model predicts

that the probable snow accumulation can be totally melted in a twelve day period. Snowmelt losses are computed by the model to be 6.3 inches (160 millimetres) of water. The estimated probable maximum flood at Carman has a total runoff volume of approximately 14 inches (356 millimetres) of water and a peak flow of about 17,000 cubic feet per second (482 cubic metres per second).

5. Flood forecasting regression equations use the estimated values of antecedent precipitation index (A.P.I.) and melt index (M.I.) from the large spring runoff events of 1970 and 1974. These equations predict a runoff volume of approximately 15 inches (381 millimetres) of water and a peak flow of about 20,000 cubic feet per second (566 cubic metres per second) at Carman. These estimates are in reasonable agreement with the results of the Hydrological Simulation Program.

6. Under Manitoba prairie conditions, channel breakouts frequently occur during major runoff events. Channel breakouts occurring upstream of Carman, just below the Manitoba escarpment, contribute to increased storage and loss of water from the watershed. The significance of the effect of channel breakouts in the stream network upstream of Carman on the probable maximum flood requires further study and is beyond the scope of this report.

7. There is a need for further study on establishing an acceptable engineering practice for estimating the snowmelt portion contributing to the probable maximum flood on the Canadian Prairies. There is also a need for study on snowpack losses during the snow accumulation period to reinforce the findings of McKay and Blackwell (1961).

REFERENCES

1. Atmospheric Environment Service, Monthly Record, Meteorological Observations in Western Canada, a continuing publication.

2. British Columbia Hydro and Power Authority, Revelstoke (1880) Project Spillway Design Flood, Report No. 746, 1975.

3. Bruce, J. P. and Clark, R. H., Introduction to Hydrometeorology, pages 230 to 235, Pergamon Press, 1966.

4. Bruce, J. P., Snowmelt Contributions to Maximum Floods, Meteorological Branch - Canada Department of Transport, 1962.

5. Buckler, S. J. and Quine, J. F., Critical Meteorological Conditions for Maximum Flow in the Pembina Valley Above Entwistle, Hydrometeorological Report No. 2, Meteorological Branch - Canada Department of Transport, 1970.

6. Buckler, S. J., Probable Maximum Snowpack, Spring Melt and Rainstorm Leading to the Probable Maximum Flood Elbow River, Alberta, Hydrometeorological Report No. 1, Meteorological Branch - Canada Department of Transport, 1968.

7. Canada - Manitoba Adhoc Task Force on Manitoba Flood Mitigation Projects, Manitoba Flood Mitigation Projects, 1981.

8. Chow, V. T., Handbook of Applied Hydrology, pages 25 to 72, McGraw-Hill, 1964.

9. Fawkes, P. E., Probable Maximum Flood for the Peace River at Site C, B. C. Hydro and Power Authority, Vancouver, B. C., 1977.

10. Gray, D. M., Handbook on the Principles of Hydrology, Water Information Centre Inc., 1970.

11. Johanson, R., Imhoff, J. and Davis, H., Users Manual for Hydrological Simulation Program - FORTRAN (HSPF), National Technical Information Service, United States Environmental Protection Agency Report No. 600/9-80-015, 1980.

12. McKay, G. A. and Blackwell, S. P., Plains Snowpack Water Equivalent from Climatological Records, Proceedings of the Western Snow Conference, 1961.

13. Snyder, F. F., Hydrology of Spillway Design: Large Structures - Adequate Data, pages 239 to 259, Journal of the Hydraulic Division, Vol. 90, No. HY3, 1964.

14. Snyder, F. F., Report on Review of Spillway Design Flood Derivations for Portage Mountain Dam, Peace River, B. C., International Power and Engineering Consultants Ltd., Vancouver, B. C., 1965.

15. Strahler, A. N. and Strahler, A. H., Environmental Geoscience, Interaction Between Natural Systems and Man, pages 115 to 126, Hamilton Publishing Company, 1973.

16. United States Department of Interior Bureau of Reclamation, Design of Gravity Dams, United States Government Printing Office, Denver, 1976.

17. United States National Weather Service, Probable Maximum Precipitation Estimates, United States East of the 105th Meridian, Hydrometeorological Report No. 51, United States Government Printing Office, Washington, D. C., June, 1978.

18. Wang, Bi-Huei and Revell, R. R., Conservatism of Probable Maximum Flood Estimates, pages 400 to 408, Journal of Hydraulic Engineering, Vol. 109, No. 3, 1983.

19. Warkentin, A., Runoff Forecasting in the Watershed of the Boyne River Above Carman, Manitoba, Canada, Province of Manitoba, Water Resources Branch, 1972.

20. Whiteley, H. R., Does Drainage Add To Flood Peaks?, pages 40 to 46, Proceedings of the Drainage Engineers Conference, Eng. Tech. Pub. 126-32, School of Engineering, University of Guelf, Guelf, Ontario, 1975.

21. Wiesner, C. J., Hydrometeorology, Chapman and Hall Limited, 1970.

22. World Meteorological Organization, Estimation of Maximum Floods, Technical Note No. 98, 1969.

23. World Meteorological Organization, Manual for Estimation of Probable Maximum Precipication, Operational Hydrology Report No. 1, 1973.

APPENDIX A

BOYNE RIVER WATERSHED - MAP

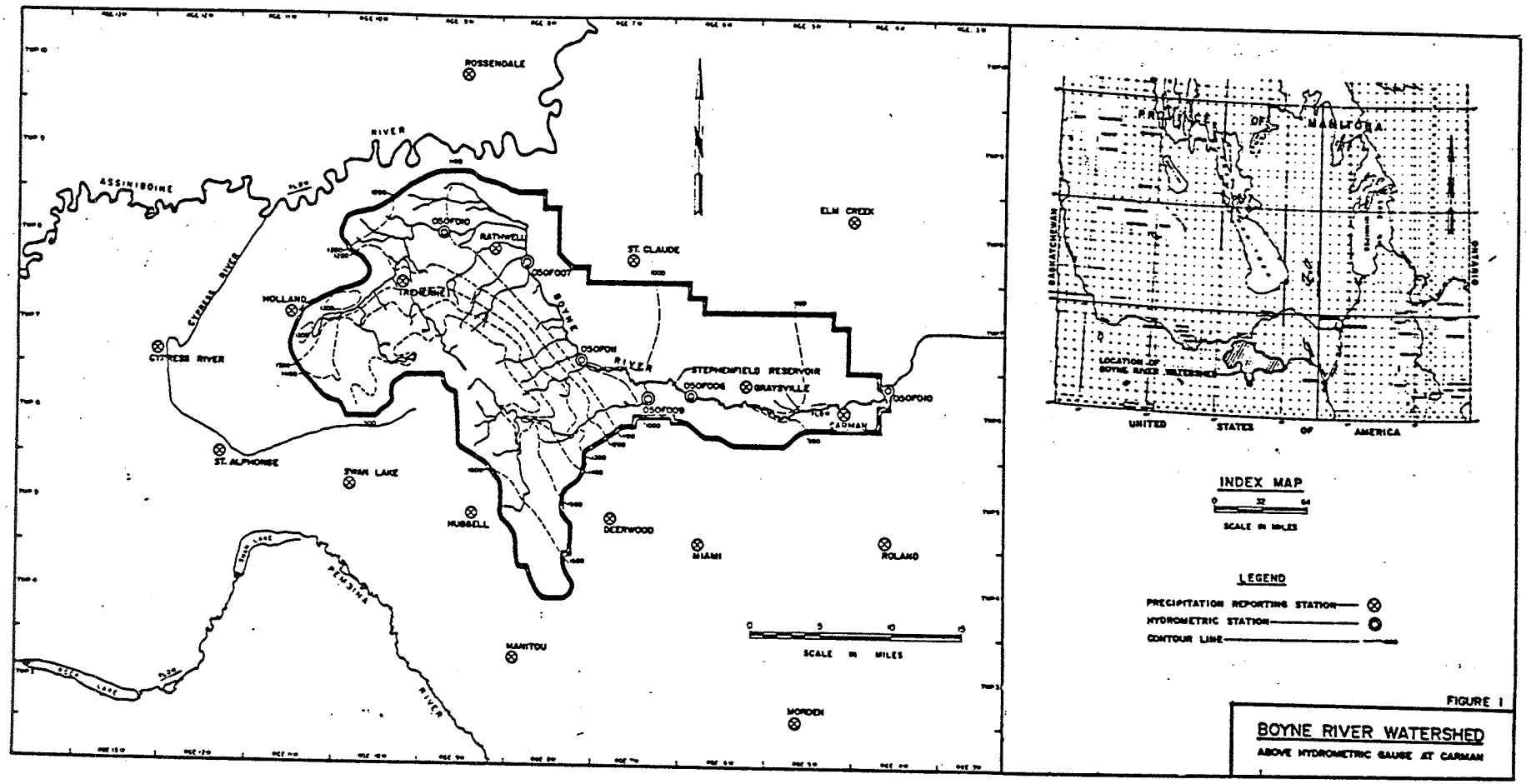
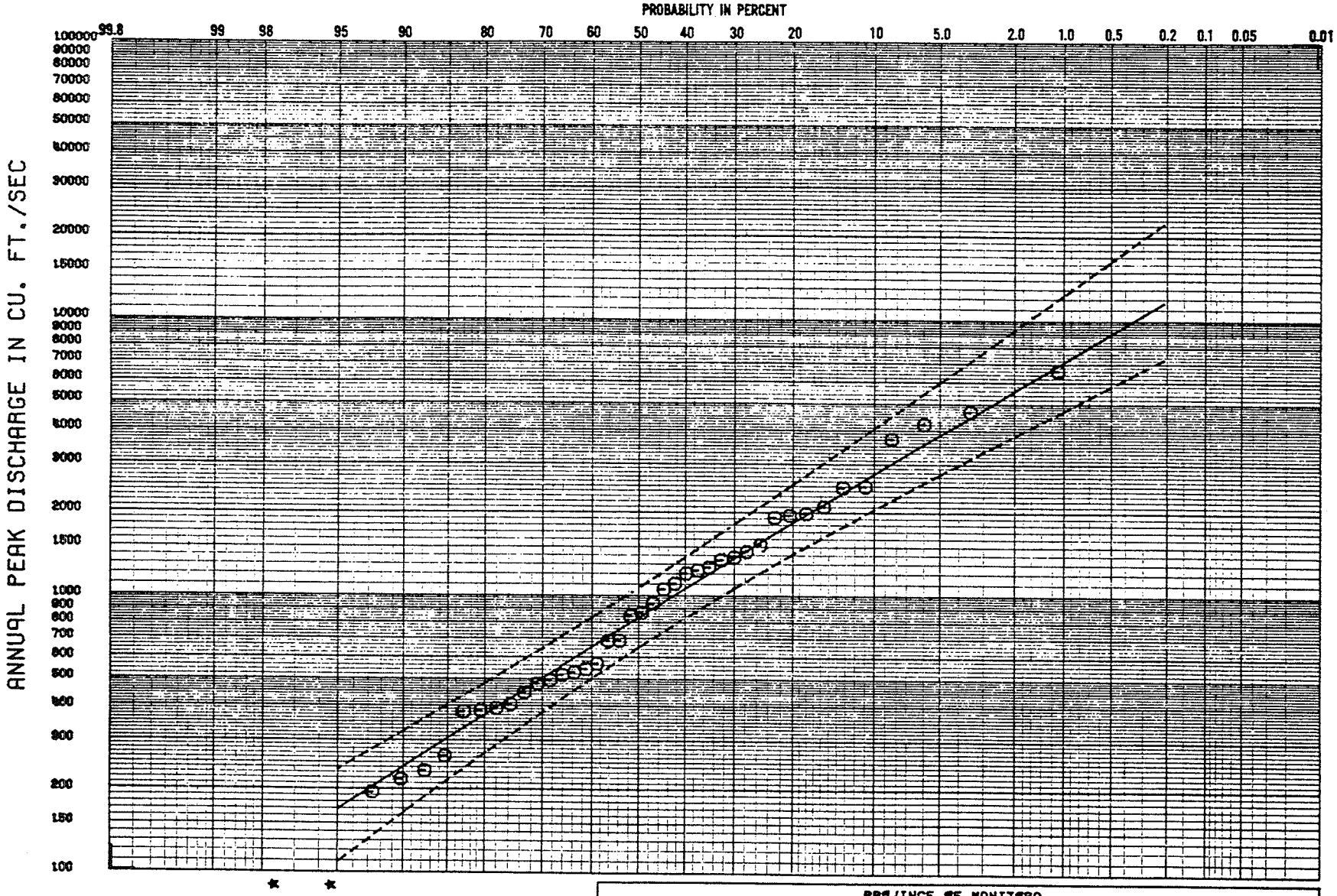


FIGURE 1

BOYNE RIVER WATERSHED

ABOVE HYDROMETRIC GAUGE AT CARMAN



INTERMITTENT RECORDS. HISTORICAL DATA INCLUDED.

LEGEND

DRAINAGE AREA 461 SQ.MI.

PLOT POSITION $\frac{M}{N+1}$ (100) ⊖

SKEW COEFFICIENT (G) = -0.08 _____

95 % CONFIDENCE BAND - - - - -

STD.DEV. 'S' 0.41

MEAN VALUE (ARITH) 818.5 C.F.S.

PROVINCE OF MANITOBA
DEPARTMENT OF NATURAL RESOURCES
WATER RESOURCES BRANCH

FREQUENCY CURVE
BOYNE RIVER
NEAR CARMAN

PERIOD OF RECORD: 1919-1983		PREPARED BY: N.HARDEN	DATE: JUNE/84
NO. OF YEARS: 41	STA.NO.: 05CF003	ZONE: V	FIG:

APPENDIX C
ENVIRONMENT CANADA CLIMATOLOGICAL DATA

TABLE 1 - MAXIMUM DAILY TEMPERATURES
DEGREES FARENHEIT

1925

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	-12.0	18.0	52.0	42.0	40.0	34.0
2	1.0	-12.0	4.0	62.0	55.0	39.0	41.0
3	15.0	34.0	32.0	50.0	52.0	41.0	34.0
4	20.0	43.0	35.0	46.0	49.0	32.0	11.0
5	25.0	44.0	40.0	55.0	41.0	16.0	11.0
6	27.0	40.0	43.0	62.0	38.0	18.0	23.0
7	24.0	37.0	25.0	62.0	34.0	21.0	47.0
8	15.0	20.0	30.0	63.0	39.0	25.0	22.0
9	11.0	22.0	34.0	66.0	38.0	43.0	19.0
10	-3.0	20.0	28.0	69.0	42.0	52.0	34.0
11	13.0	24.0	28.0	79.0	58.0	51.0	27.0
12	11.0	28.0	11.0	68.0	51.0	36.0	11.0
13	11.0	20.0	4.0	54.0	47.0	33.0	25.0
14	2.0	25.0	8.0	57.0	50.0	32.0	24.0
15	5.0	15.0	15.0	48.0	36.0	35.0	19.0
16	1.0	-1.0	17.0	51.0	39.0	41.0	22.0
17	7.0	10.0	35.0	53.0	35.0	42.0	28.0
18	4.0	10.0	28.0	58.0	38.0	44.0	21.0
19	25.0	10.0	22.0	46.0	39.0	52.0	15.0
20	30.0	5.0	36.0	62.0	43.0	57.0	16.0
21	40.0	9.0	24.0	42.0	42.0	32.0	18.0
22	40.0	15.0	25.0	57.0	32.0	25.0	21.0
23	15.0	15.0	43.0	61.0	40.0	43.0	15.0
24	38.0	22.0	43.0	74.0	34.0	29.0	10.0
25	24.0	12.0	49.0	52.0	27.0	26.0	-4.0
26	-7.0	12.0	44.0	58.0	29.0	12.0	-6.0
27	-2.0	12.0	44.0	50.0	21.0	13.0	4.0
28	5.0	18.0	47.0	62.0	17.0	20.0	10.0
29	10.0		48.0	46.0	20.0	26.0	14.0
30	13.0		57.0	42.0	37.0	29.0	24.0
31	-5.0		53.0		45.0		28.0

1926

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	30.0	7.0	9.0	30.0	54.0	34.0	-2.0
2	36.0	13.0	12.0	29.0	62.0	36.0	7.0
3	35.0	18.0	19.0	27.0	54.0	35.0	2.0
4	21.0	17.0	20.0	32.0	51.0	38.0	-5.0
5	28.0	37.0	27.0	36.0	47.0	44.0	7.0
6	15.0	28.0	0.0	41.0	51.0	35.0	20.0
7	25.0	35.0	19.0	38.0	62.0	31.0	19.0
8	33.0	34.0	31.0	33.0	60.0	27.0	34.0
9	37.0	22.0	27.0	48.0	58.0	26.0	36.0
10	32.0	25.0	33.0	50.0	64.0	29.0	17.0
11	29.0	32.0	11.0	54.0	42.0	32.0	21.0
12	27.0	31.0	15.0	65.0	41.0	33.0	8.0
13	39.0	13.0	35.0	30.0	43.0	35.0	-16.0
14	35.0	9.0	30.0	38.0	53.0	33.0	-18.0
15	29.0	14.0	27.0	76.0	48.0	29.0	-10.0
16	27.0	20.0	43.0	35.0	41.0	31.0	-1.0
17	36.0	16.0	36.0	42.0	37.0	21.0	0.0
18	0.0	18.0	35.0	50.0	38.0	20.0	5.0
19	3.0	3.0	38.0	46.0	62.0	18.0	15.0
20	2.0	4.0	59.0	82.0	50.0	12.0	28.0
21	0.0	12.0	61.0	71.0	38.0	22.0	25.0
22	11.0	28.0	58.0	69.0	35.0	18.0	33.0
23	9.0	38.0	47.0	50.0	33.0	21.0	-3.0
24	6.0	39.0	28.0	38.0	35.0	16.0	5.0
25	31.0	35.0	28.0	54.0	59.0	12.0	27.0
26	4.0	27.0	20.0	50.0	56.0	1.0	12.0
27	-8.0	46.0	29.0	76.0	54.0	12.0	2.0
28	-1.0	32.0	22.0	84.0	53.0	17.0	4.0
29	19.0		25.0	50.0	29.0	17.0	29.0
30	3.0		29.0	67.0	33.0	-5.0	33.0
31	5.0		26.0		30.0		27.0

1927

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	39.0	-6.0	18.0	39.0	61.0	38.0	-3.0
2	35.0	4.0	27.0	41.0	59.0	39.0	-6.0
3	36.0	6.0	34.0	56.0	57.0	41.0	-1.0
4	31.0	13.0	34.0	38.0	49.0	36.0	31.0
5	20.0	11.0	38.0	36.0	49.0	31.0	2.0
6	21.0	31.0	39.0	29.0	52.0	32.0	-6.0
7	20.0	8.0	34.0	33.0	56.0	27.0	-14.0
8	21.0	5.0	33.0	38.0	55.0	29.0	-15.0
9	12.0	10.0	36.0	41.0	49.0	32.0	-9.0
10	20.0	27.0	39.0	45.0	52.0	33.0	-4.0
11	10.0	12.0	43.0	38.0	42.0	30.0	6.0
12	0.0	7.0	41.0	42.0	41.0	12.0	15.0
13	-4.0	15.0	44.0	50.0	39.0	15.0	-6.0
14	-1.0	10.0	46.0	56.0	54.0	9.0	-6.0
15	21.0	0.0	48.0	50.0	60.0	14.0	-5.0
16	6.0	3.0	41.0	59.0	56.0	13.0	0.0
17	-10.0	-4.0	28.0	57.0	64.0	11.0	-2.0
18	-4.0	7.0	15.0	66.0	76.0	12.0	-1.0
19	-2.0	22.0	32.0	34.0	80.0	9.0	16.0
20	-12.0	37.0	37.0	32.0	57.0	9.0	20.0
21	-9.0	40.0	38.0	34.0	56.0	10.0	12.0
22	2.0	38.0	35.0	48.0	59.0	17.0	13.0
23	16.0	35.0	31.0	53.0	68.0	30.0	19.0
24	-1.0	30.0	28.0	56.0	63.0	33.0	20.0
25	-18.0	20.0	30.0	66.0	60.0	44.0	20.0
26	12.0	13.0	34.0	58.0	58.0	29.0	12.0
27	32.0	16.0	38.0	62.0	61.0	26.0	5.0
28	38.0	12.0	37.0	51.0	60.0	30.0	12.0
29	16.0		37.0	57.0	51.0	18.0	-3.0
30	10.0		38.0	70.0	47.0	-1.0	-5.0
31	2.0		32.0		45.0		-10.0

1928

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-11.0	12.0	29.0	69.0	48.0	38.0	28.0
2	1.0	20.0	28.0	48.0	64.0	42.0	15.0
3	6.0	33.0	30.0	30.0	66.0	49.0	9.0
4	21.0	32.0	13.0	34.0	50.0	38.0	8.0
5	32.0	30.0	9.0	33.0	56.0	50.0	12.0
6	38.0	30.0	16.0	39.0	49.0	55.0	19.0
7	33.0	33.0	18.0	28.0	70.0	40.0	20.0
8	39.0	36.0	14.0	34.0	63.0	35.0	42.0
9	41.0	34.0	18.0	47.0	50.0	40.0	39.0
10	42.0	36.0	30.0	51.0	57.0	54.0	46.0
11	38.0	35.0	23.0	38.0	39.0	34.0	41.0
12	37.0	40.0	24.0	35.0	33.0	38.0	38.0
13	30.0	33.0	28.0	31.0	49.0	48.0	37.0
14	-9.0	41.0	22.0	39.0	52.0	39.0	35.0
15	-1.0	21.0	32.0	34.0	55.0	34.0	39.0
16	28.0	17.0	31.0	43.0	63.0	32.0	30.0
17	38.0	31.0	33.0	34.0	62.0	34.0	26.0
18	34.0	26.0	36.0	21.0	45.0	35.0	15.0
19	3.0	35.0	42.0	35.0	41.0	39.0	12.0
20	5.0	10.0	59.0	38.0	52.0	41.0	3.0
21	21.0	11.0	58.0	53.0	55.0	39.0	29.0
22	15.0	9.0	58.0	42.0	54.0	40.0	36.0
23	9.0	5.0	63.0	39.0	49.0	42.0	42.0
24	11.0	10.0	37.0	46.0	50.0	31.0	39.0
25	4.0	33.0	24.0	49.0	54.0	39.0	41.0
26	9.0	35.0	20.0	57.0	52.0	46.0	35.0
27	6.0	36.0	30.0	68.0	54.0	37.0	34.0
28	3.0	29.0	27.0	76.0	34.0	34.0	33.0
29	6.0	31.0	36.0	54.0	42.0	32.0	24.0
30	15.0		34.0	65.0	39.0	33.0	16.0
31	12.0		38.0		29.0		1.0

1929

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-2.0	2.0	27.0	36.0	68.0	35.0	8.0
2	-1.0	12.0	22.0	56.0	65.0	38.0	10.0
3	3.0	24.0	31.0	67.0	65.0	35.0	20.0
4	15.0	15.0	34.0	45.0	74.0	37.0	22.0
5	3.0	4.0	31.0	37.0	62.0	32.0	20.0
6	-15.0	-2.0	5.0	35.0	63.0	33.0	-15.0
7	6.0	-4.0	11.0	35.0	53.0	30.0	8.0
8	12.0	8.0	7.0	34.0	57.0	40.0	10.0
9	10.0	5.0	32.0	27.0	53.0	41.0	16.0
10	3.0	11.0	37.0	36.0	47.0	35.0	4.0
11	3.0	9.0	38.0	44.0	47.0	31.0	10.0
12	-15.0	-4.0	37.0	49.0	59.0	30.0	27.0
13	-13.0	3.0	35.0	53.0	62.0	40.0	24.0
14	-12.0	27.0	38.0	48.0	75.0	46.0	26.0
15	-2.0	17.0	45.0	53.0	67.0	50.0	28.0
16	0.0	1.0	45.0	53.0	67.0	60.0	10.0
17	6.0	-8.0	52.0	54.0	77.0	47.0	-4.0
18	-6.0	-9.0	51.0	55.0	67.0	35.0	-10.0
19	-2.0	-2.0	29.0	51.0	46.0	36.0	-2.0
20	16.0	18.0	37.0	58.0	55.0	31.0	4.0
21	17.0	4.0	20.0	65.0	50.0	24.0	7.0
22	-6.0	11.0	34.0	59.0	43.0	20.0	13.0
23	-12.0	13.0	33.0	59.0	41.0	18.0	22.0
24	-8.0	23.0	34.0	56.0	63.0	20.0	18.0
25	-13.0	31.0	35.0	65.0	65.0	15.0	34.0
26	-9.0	26.0	47.0	52.0	54.0	30.0	12.0
27	-2.0	32.0	51.0	39.0	49.0	35.0	25.0
28	-9.0	29.0	65.0	49.0	34.0	15.0	36.0
29	-12.0		54.0	52.0	32.0	13.0	39.0
30	-4.0		31.0	58.0	35.0	9.0	37.0
31	4.0		33.0		34.0		34.0

1930

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-20.0	12.0	12.0	44.0	61.0	53.0	11.0
2	2.0	16.0	20.0	47.0	53.0	46.0	10.0
3	0.0	13.0	29.0	53.0	59.0	60.0	27.0
4	4.0	18.0	29.0	63.0	58.0	56.0	29.0
5	3.0	14.0	24.0	54.0	59.0	48.0	34.0
6	-13.0	30.0	30.0	53.0	58.0	36.0	35.0
7	-12.0	18.0	36.0	49.0	58.0	40.0	33.0
8	-20.0	39.0	38.0	64.0	58.0	44.0	40.0
9	-20.0	37.0	39.0	70.0	59.0	52.0	38.0
10	-5.0	29.0	40.0	72.0	55.0	59.0	37.0
11	3.0	31.0	36.0	68.0	47.0	57.0	36.0
12	-5.0	24.0	36.0	71.0	45.0	51.0	32.0
13	2.0	20.0	30.0	59.0	57.0	33.0	30.0
14	-10.0	-12.0	25.0	59.0	54.0	34.0	34.0
15	-15.0	-5.0	32.0	48.0	54.0	28.0	33.0
16	-23.0	20.0	30.0	40.0	53.0	30.0	27.0
17	-3.0	28.0	38.0	41.0	28.0	32.0	30.0
18	-4.0	43.0	36.0	42.0	34.0	31.0	31.0
19	-18.0	42.0	39.0	49.0	33.0	30.0	20.0
20	-16.0	40.0	36.0	66.0	35.0	31.0	18.0
21	-10.0	41.0	40.0	37.0	41.0	22.0	21.0
22	-8.0	39.0	32.0	46.0	45.0	39.0	29.0
23	-6.0	32.0	34.0	43.0	44.0	32.0	25.0
24	12.0	8.0	20.0	49.0	49.0	38.0	21.0
25	-6.0	16.0	26.0	55.0	55.0	30.0	27.0
26	2.0	17.0	24.0	54.0	50.0	7.0	20.0
27	10.0	12.0	30.0	59.0	49.0	8.0	31.0
28	12.0	15.0	28.0	55.0	46.0	14.0	30.0
29	11.0		35.0	59.0	41.0	34.0	18.0
30	16.0		24.0	67.0	28.0	26.0	15.0
31	15.0		30.0		39.0		9.0

1931

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	19.0	49.0	30.0	37.0	79.0	57.0	34.0
2	17.0	38.0	30.0	26.0	71.0	60.0	37.0
3	10.0	40.0	31.0	43.0	67.0	58.0	28.0
4	20.0	43.0	33.0	59.0	61.0	56.0	7.0
5	24.0	41.0	29.0	54.0	57.0	55.0	4.0
6	19.0	39.0	34.0	63.0	52.0	53.0	4.0
7	36.0	37.0	28.0	68.0	49.0	61.0	6.0
8	25.0	33.0	29.0	70.0	48.0	56.0	13.0
9	26.0	28.0	27.0	56.0	52.0	55.0	12.0
10	27.0	30.0	30.0	49.0	61.0	57.0	19.0
11	23.0	37.0	32.0	52.0	63.0	60.0	21.0
12	19.0	24.0	26.0	63.0	55.0	59.0	30.0
13	16.0	26.0	25.0	74.0	51.0	52.0	28.0
14	15.0	40.0	19.0	75.0	56.0	50.0	31.0
15	30.0	38.0	20.0	74.0	59.0	45.0	34.0
16	23.0	28.0	27.0	66.0	55.0	32.0	35.0
17	21.0	22.0	29.0	70.0	63.0	38.0	29.0
18	23.0	28.0	30.0	68.0	68.0	47.0	31.0
19	19.0	47.0	33.0	81.0	59.0	48.0	30.0
20	20.0	43.0	36.0	41.0	67.0	45.0	27.0
21	22.0	42.0	38.0	43.0	46.0	33.0	33.0
22	25.0	40.0	29.0	39.0	68.0	21.0	39.0
23	19.0	42.0	37.0	41.0	65.0	19.0	41.0
24	20.0	41.0	40.0	38.0	70.0	17.0	37.0
25	29.0	41.0	34.0	33.0	69.0	19.0	35.0
26	26.0	32.0	16.0	39.0	64.0	15.0	31.0
27	24.0	28.0	23.0	64.0	60.0	14.0	34.0
28	26.0	27.0	30.0	69.0	43.0	25.0	34.0
29	41.0		35.0	74.0	39.0	29.0	27.0
30	40.0		39.0	82.0	43.0	30.0	19.0
31	42.0		43.0		53.0		17.0

1932

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	16.0	-1.0	28.0	14.0	79.0	37.0	40.0
2	12.0	-7.0	32.0	19.0	69.0	39.0	17.0
3	15.0	-6.0	26.0	31.0	47.0	40.0	10.0
4	23.0	-3.0	7.0	42.0	49.0	39.0	33.0
5	19.0	13.0	1.0	48.0	65.0	40.0	25.0
6	11.0	7.0	-3.0	51.0	59.0	37.0	-6.0
7	8.0	0.0	1.0	52.0	43.0	40.0	-15.0
8	0.0	-4.0	6.0	58.0	34.0	26.0	-19.0
9	12.0	12.0	17.0	39.0	33.0	24.0	1.0
10	21.0	18.0	13.0	52.0	28.0	21.0	0.0
11	30.0	24.0	19.0	32.0	46.0	29.0	-8.0
12	27.0	4.0	30.0	43.0	45.0	12.0	10.0
13	16.0	1.0	13.0	52.0	47.0	5.0	13.0
14	7.0	3.0	17.0	55.0	58.0	-1.0	0.0
15	-2.0	19.0	27.0	55.0	59.0	7.0	-6.0
16	0.0	20.0	29.0	63.0	33.0	10.0	8.0
17	14.0	15.0	22.0	64.0	33.0	17.0	12.0
18	15.0	23.0	28.0	55.0	33.0	2.0	18.0
19	-2.0	19.0	31.0	66.0	34.0	9.0	19.0
20	9.0	28.0	41.0	68.0	31.0	12.0	36.0
21	15.0	14.0	32.0	71.0	47.0	24.0	26.0
22	19.0	2.0	24.0	66.0	54.0	33.0	31.0
23	20.0	16.0	33.0	40.0	45.0	22.0	36.0
24	34.0	27.0	45.0	49.0	34.0	37.0	29.0
25	38.0	46.0	33.0	37.0	31.0	9.0	25.0
26	24.0	49.0	35.0	45.0	44.0	20.0	32.0
27	30.0	53.0	36.0	59.0	47.0	34.0	7.0
28	16.0	42.0	34.0	56.0	33.0	44.0	25.0
29	-15.0	29.0	31.0	50.0	30.0	43.0	19.0
30	-14.0		29.0	48.0	32.0	41.0	-2.0
31	-6.0		25.0		34.0		22.0

1933

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	26.0	4.0	19.0	40.0	56.0	31.0	38.0
2	33.0	5.0	24.0	38.0	62.0	23.0	31.0
3	-6.0	-10.0	32.0	33.0	61.0	21.0	17.0
4	5.0	-16.0	33.0	34.0	61.0	22.0	11.0
5	29.0	18.0	33.0	36.0	46.0	24.0	33.0
6	13.0	-19.0	29.0	41.0	67.0	29.0	41.0
7	10.0	-15.0	39.0	42.0	47.0	21.0	-8.0
8	12.0	-29.0	3.0	39.0	53.0	18.0	-1.0
9	12.0	-2.0	4.0	31.0	64.0	21.0	2.0
10	6.0	-2.0	22.0	27.0	52.0	34.0	-10.0
11	-10.0	2.0	26.0	29.0	50.0	37.0	-5.0
12	-6.0	3.0	33.0	30.0	51.0	41.0	-10.0
13	-8.0	-6.0	31.0	38.0	66.0	42.0	-10.0
14	38.0	5.0	11.0	41.0	71.0	9.0	15.0
15	1.0	19.0	33.0	54.0	56.0	7.0	9.0
16	-12.0	11.0	20.0	53.0	51.0	36.0	5.0
17	14.0	22.0	22.0	66.0	52.0	34.0	5.0
18	2.0	22.0	23.0	70.0	48.0	41.0	35.0
19	0.0	22.0	22.0	68.0	49.0	34.0	5.0
20	10.0	4.0	22.0	42.0	40.0	33.0	0.0
21	18.0	14.0	26.0	50.0	34.0	19.0	4.0
22	19.0	26.0	27.0	64.0	32.0	34.0	5.0
23	18.0	36.0	31.0	71.0	27.0	21.0	-17.0
24	21.0	36.0	37.0	42.0	26.0	23.0	-20.0
25	-5.0	29.0	41.0	38.0	34.0	21.0	-14.0
26	3.0	37.0	36.0	41.0	28.0	29.0	-12.0
27	15.0	39.0	27.0	54.0	24.0	39.0	-14.0
28	20.0	30.0	42.0	56.0	34.0	34.0	-15.0
29	25.0		43.0	61.0	39.0	21.0	0.0
30	18.0		41.0	59.0	41.0	14.0	1.0
31	12.0		51.0		40.0		-19.0

1934

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-14.0	20.0	40.0	42.0	59.0	38.0	15.0
2	-12.0	23.0	41.0	34.0	63.0	42.0	10.0
3	4.0	13.0	42.0	41.0	60.0	51.0	22.0
4	9.0	13.0	43.0	48.0	55.0	54.0	7.0
5	24.0	15.0	25.0	46.0	65.0	52.0	12.0
6	16.0	-2.0	11.0	52.0	65.0	46.0	20.0
7	-7.0	0.0	23.0	62.0	72.0	38.0	25.0
8	30.0	2.0	9.0	47.0	66.0	36.0	24.0
9	38.0	27.0	23.0	37.0	74.0	36.0	17.0
10	36.0	32.0	36.0	35.0	86.0	36.0	20.0
11	19.0	40.0	44.0	44.0	78.0	49.0	40.0
12	13.0	31.0	35.0	42.0	86.0	52.0	36.0
13	3.0	36.0	23.0	46.0	88.0	54.0	28.0
14	33.0	35.0	46.0	39.0	46.0	56.0	31.0
15	14.0	26.0	29.0	31.0	62.0	49.0	33.0
16	-2.0	34.0	7.0	38.0	46.0	63.0	20.0
17	15.0	8.0	16.0	43.0	39.0	49.0	29.0
18	26.0	8.0	41.0	53.0	43.0	36.0	12.0
19	11.0	28.0	29.0	45.0	50.0	34.0	18.0
20	18.0	12.0	41.0	50.0	50.0	30.0	10.0
21	40.0	1.0	6.0	58.0	63.0	39.0	15.0
22	11.0	-4.0	23.0	53.0	60.0	27.0	12.0
23	38.0	-5.0	12.0	37.0	55.0	30.0	-5.0
24	-9.0	-8.0	22.0	57.0	40.0	32.0	12.0
25	15.0	-3.0	13.0	52.0	45.0	36.0	-16.0
26	36.0	9.0	15.0	39.0	48.0	33.0	-15.0
27	38.0	28.0	44.0	74.0	39.0	30.0	-12.0
28	-12.0	40.0	11.0	78.0	47.0	27.0	-10.0
29	-12.0		12.0	82.0	42.0	24.0	-5.0
30	40.0		40.0	38.0	34.0	20.0	21.0
31	7.0		47.0		31.0		-6.0

1935

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	24.0	41.0	32.0	41.0	60.0	19.0	25.0
2	-4.0	43.0	26.0	39.0	56.0	24.0	29.0
3	7.0	34.0	31.0	38.0	39.0	23.0	12.0
4	26.0	25.0	25.0	41.0	43.0	22.0	30.0
5	16.0	10.0	2.0	39.0	54.0	23.0	22.0
6	6.0	25.0	12.0	40.0	60.0	20.0	27.0
7	-1.0	26.0	15.0	39.0	70.0	18.0	28.0
8	5.0	30.0	28.0	42.0	65.0	19.0	32.0
9	12.0	28.0	33.0	45.0	64.0	20.0	6.0
10	1.0	26.0	26.0	47.0	58.0	21.0	1.0
11	-7.0	37.0	21.0	50.0	65.0	18.0	18.0
12	-2.0	36.0	28.0	55.0	66.0	25.0	20.0
13	-12.0	39.0	26.0	69.0	60.0	17.0	23.0
14	-5.0	31.0	49.0	22.0	64.0	12.0	28.0
15	-2.0	16.0	28.0	26.0	62.0	26.0	26.0
16	5.0	32.0	33.0	27.0	63.0	34.0	31.0
17	0.0	34.0	38.0	32.0	58.0	31.0	26.0
18	-22.0	32.0	40.0	49.0	56.0	22.0	10.0
19	-26.0	24.0	45.0	49.0	60.0	16.0	-6.0
20	-22.0	25.0	36.0	53.0	50.0	18.0	4.0
21	-20.0	15.0	29.0	66.0	51.0	8.0	9.0
22	-31.0	41.0	23.0	55.0	47.0	30.0	10.0
23	-15.0	14.0	34.0	57.0	43.0	27.0	-6.0
24	-12.0	4.0	45.0	49.0	68.0	27.0	-5.0
25	-5.0	12.0	40.0	69.0	64.0	26.0	3.0
26	-12.0	21.0	43.0	62.0	58.0	34.0	4.0
27	12.0	14.0	20.0	64.0	53.0	25.0	7.0
28	7.0	31.0	23.0	43.0	38.0	17.0	6.0
29	15.0		29.0	46.0	30.0	41.0	-2.0
30	33.0		23.0	54.0	23.0	26.0	-7.0
31	39.0		29.0		14.0		-10.0

1936

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	12.0	0.0	33.0	18.0	51.0	19.0	23.0
2	12.0	-3.0	41.0	23.0	48.0	18.0	31.0
3	10.0	-13.0	38.0	28.0	51.0	25.0	16.0
4	5.0	-21.0	8.0	18.0	63.0	12.0	-4.0
5	3.0	-22.0	11.0	27.0	60.0	15.0	11.0
6	-9.0	-20.0	21.0	23.0	63.0	13.0	-10.0
7	-18.0	-16.0	37.0	25.0	78.0	22.0	-4.0
8	-15.0	-9.0	35.0	38.0	84.0	31.0	8.0
9	-5.0	-10.0	36.0	46.0	59.0	21.0	-6.0
10	3.0	-8.0	32.0	53.0	57.0	41.0	-5.0
11	2.0	3.0	28.0	47.0	37.0	35.0	20.0
12	4.0	-8.0	24.0	44.0	28.0	43.0	33.0
13	2.0	-16.0	27.0	66.0	47.0	51.0	40.0
14	-3.0	-15.0	30.0	46.0	66.0	42.0	36.0
15	0.0	-24.0	30.0	42.0	61.0	41.0	40.0
16	-5.0	-10.0	27.0	46.0	39.0	51.0	26.0
17	-10.0	-5.0	31.0	52.0	67.0	40.0	30.0
18	-3.0	-6.0	38.0	70.0	63.0	43.0	36.0
19	-9.0	1.0	42.0	48.0	51.0	59.0	39.0
20	-10.0	5.0	38.0	35.0	34.0	47.0	31.0
21	-17.0	13.0	35.0	31.0	37.0	40.0	28.0
22	-30.0	14.0	34.0	40.0	22.0	25.0	40.0
23	-20.0	13.0	33.0	43.0	24.0	41.0	45.0
24	-5.0	12.0	31.0	46.0	29.0	43.0	12.0
25	-7.0	3.0	20.0	49.0	20.0	31.0	14.0
26	-10.0	2.0	26.0	65.0	26.0	19.0	4.0
27	-4.0	5.0	31.0	53.0	34.0	48.0	-4.0
28	-1.0	10.0	18.0	30.0	48.0	36.0	-1.0
29	3.0	12.0	16.0	55.0	43.0	13.0	4.0
30	-1.0		11.0	61.0	54.0	18.0	1.0
31	-3.0		16.0		33.0		0.0

1937

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-6.0	-7.0	22.0	34.0	44.0	53.0	26.0
2	-3.0	-1.0	18.0	33.0	52.0	52.0	27.0
3	10.0	1.0	20.0	37.0	63.0	48.0	11.0
4	-1.0	-5.0	19.0	40.0	54.0	50.0	8.0
5	-7.0	-4.0	45.0	44.0	48.0	49.0	-4.0
6	-8.0	-3.0	43.0	34.0	45.0	54.0	19.0
7	-14.0	-5.0	31.0	43.0	46.0	47.0	11.0
8	-6.0	-2.0	22.0	50.0	53.0	58.0	5.0
9	4.0	1.0	25.0	45.0	49.0	46.0	6.0
10	4.0	16.0	21.0	50.0	55.0	51.0	18.0
11	21.0	22.0	24.0	64.0	48.0	53.0	22.0
12	9.0	26.0	18.0	49.0	34.0	40.0	20.0
13	3.0	24.0	20.0	38.0	36.0	34.0	24.0
14	-10.0	22.0	22.0	36.0	39.0	28.0	30.0
15	-8.0	28.0	27.0	46.0	46.0	21.0	32.0
16	-3.0	34.0	24.0	60.0	42.0	18.0	34.0
17	-10.0	35.0	33.0	54.0	44.0	18.0	30.0
18	-16.0	32.0	32.0	48.0	45.0	16.0	27.0
19	-9.0	32.0	35.0	45.0	47.0	20.0	20.0
20	-6.0	15.0	32.0	38.0	41.0	22.0	18.0
21	-11.0	5.0	30.0	46.0	40.0	15.0	17.0
22	-5.0	11.0	28.0	43.0	42.0	24.0	15.0
23	10.0	9.0	33.0	44.0	61.0	34.0	17.0
24	8.0	16.0	23.0	38.0	58.0	36.0	-5.0
25	-12.0	22.0	27.0	40.0	60.0	34.0	-9.0
26	-9.0	20.0	33.0	40.0	53.0	32.0	-10.0
27	-1.0	18.0	36.0	53.0	51.0	12.0	-4.0
28	-7.0	27.0	39.0	59.0	49.0	2.0	6.0
29	-4.0		37.0	53.0	48.0	8.0	14.0
30	-9.0		38.0	51.0	50.0	11.0	18.0
31	-5.0		36.0		52.0		24.0

1938

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	6.0	2.0	40.0	22.0	78.0	49.0	31.0
2	13.0	3.0	8.0	34.0	71.0	43.0	39.0
3	12.0	7.0	13.0	30.0	76.0	42.0	31.0
4	2.0	14.0	19.0	24.0	56.0	40.0	30.0
5	5.0	16.0	20.0	28.0	53.0	27.0	27.0
6	4.0	12.0	26.0	34.0	69.0	25.0	30.0
7	2.0	29.0	21.0	45.0	59.0	33.0	36.0
8	3.0	-3.0	26.0	46.0	65.0	42.0	24.0
9	10.0	-4.0	34.0	64.0	83.0	39.0	36.0
10	17.0	16.0	31.0	60.0	80.0	35.0	30.0
11	18.0	23.0	42.0	43.0	76.0	25.0	18.0
12	18.0	0.0	40.0	45.0	62.0	49.0	32.0
13	12.0	-2.0	29.0	55.0	72.0	22.0	28.0
14	23.0	-11.0	42.0	64.0	61.0	15.0	12.0
15	29.0	-2.0	43.0	68.0	55.0	15.0	15.0
16	25.0	7.0	50.0	69.0	52.0	42.0	16.0
17	6.0	6.0	54.0	66.0	42.0	33.0	29.0
18	11.0	2.0	45.0	69.0	39.0	32.0	29.0
19	17.0	4.0	58.0	40.0	56.0	37.0	29.0
20	12.0	19.0	50.0	43.0	63.0	11.0	22.0
21	26.0	10.0	47.0	46.0	61.0	9.0	23.0
22	36.0	7.0	38.0	63.0	40.0	10.0	27.0
23	33.0	11.0	50.0	48.0	57.0	15.0	22.0
24	5.0	30.0	51.0	47.0	58.0	22.0	12.0
25	-4.0	42.0	38.0	45.0	60.0	10.0	9.0
26	-6.0	45.0	58.0	56.0	55.0	15.0	-5.0
27	3.0	30.0	63.0	43.0	77.0	30.0	13.0
28	14.0	42.0	67.0	56.0	55.0	41.0	-12.0
29	-4.0		50.0	69.0	55.0	30.0	-16.0
30	-10.0		27.0	64.0	74.0	29.0	-8.0
31	-10.0		21.0		58.0		6.0

1939

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	8.0	19.0	40.0	52.0	31.0	39.0
2	20.0	2.0	30.0	41.0	53.0	38.0	21.0
3	9.0	-4.0	0.0	45.0	45.0	46.0	27.0
4	28.0	-8.0	11.0	46.0	46.0	42.0	48.0
5	21.0	2.0	7.0	25.0	47.0	52.0	51.0
6	26.0	-8.0	6.0	30.0	55.0	50.0	62.0
7	21.0	-10.0	3.0	30.0	56.0	40.0	42.0
8	31.0	-23.0	21.0	36.0	62.0	38.0	48.0
9	30.0	-14.0	17.0	37.0	49.0	40.0	43.0
10	9.0	-7.0	29.0	20.0	61.0	30.0	28.0
11	3.0	-10.0	28.0	29.0	42.0	31.0	53.0
12	22.0	2.0	31.0	42.0	40.0	48.0	19.0
13	23.0	-16.0	7.0	53.0	34.0	51.0	25.0
14	11.0	-14.0	6.0	58.0	55.0	67.0	38.0
15	-11.0	-8.0	9.0	63.0	45.0	64.0	37.0
16	-9.0	13.0	8.0	53.0	33.0	42.0	44.0
17	1.0	41.0	13.0	43.0	39.0	49.0	42.0
18	9.0	-2.0	30.0	56.0	68.0	41.0	22.0
19	25.0	-16.0	31.0	54.0	52.0	39.0	22.0
20	22.0	-4.0	47.0	41.0	54.0	34.0	21.0
21	0.0	-5.0	48.0	64.0	34.0	52.0	24.0
22	11.0	10.0	52.0	61.0	38.0	51.0	28.0
23	21.0	6.0	58.0	74.0	40.0	41.0	21.0
24	-4.0	-7.0	38.0	62.0	32.0	34.0	28.0
25	24.0	31.0	29.0	47.0	33.0	36.0	21.0
26	23.0	20.0	27.0	58.0	26.0	43.0	17.0
27	20.0	21.0	36.0	64.0	32.0	45.0	15.0
28	2.0	13.0	43.0	74.0	36.0	38.0	16.0
29	14.0		49.0	77.0	42.0	45.0	18.0
30	18.0		52.0	82.0	40.0	48.0	1.0
31	-7.0		31.0		42.0		-2.0

1940

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	3.0	21.0	28.0	34.0	77.0	43.0	-5.0
2	-1.0	18.0	39.0	38.0	69.0	41.0	17.0
3	-8.0	20.0	31.0	36.0	66.0	43.0	7.0
4	6.0	25.0	26.0	37.0	69.0	38.0	5.0
5	5.0	27.0	31.0	38.0	68.0	29.0	18.0
6	13.0	19.0	33.0	39.0	59.0	33.0	35.0
7	19.0	16.0	35.0	40.0	57.0	34.0	22.0
8	20.0	14.0	26.0	30.0	61.0	33.0	33.0
9	17.0	32.0	21.0	30.0	66.0	16.0	20.0
10	20.0	36.0	13.0	12.0	68.0	13.0	31.0
11	16.0	17.0	15.0	25.0	72.0	7.0	10.0
12	12.0	22.0	20.0	36.0	61.0	10.0	13.0
13	23.0	30.0	22.0	47.0	60.0	6.0	16.0
14	2.0	29.0	27.0	50.0	50.0	10.0	20.0
15	-16.0	28.0	32.0	41.0	56.0	44.0	22.0
16	-6.0	20.0	31.0	44.0	61.0	42.0	19.0
17	-19.0	18.0	33.0	47.0	66.0	41.0	23.0
18	11.0	22.0	32.0	63.0	59.0	37.0	22.0
19	9.0	24.0	28.0	65.0	49.0	36.0	34.0
20	15.0	20.0	15.0	67.0	44.0	41.0	38.0
21	19.0	15.0	8.0	61.0	66.0	27.0	36.0
22	15.0	5.0	9.0	46.0	65.0	18.0	28.0
23	-5.0	-1.0	12.0	40.0	55.0	34.0	29.0
24	5.0	5.0	16.0	47.0	58.0	32.0	32.0
25	6.0	14.0	18.0	49.0	50.0	18.0	28.0
26	14.0	13.0	16.0	57.0	55.0	16.0	22.0
27	26.0	5.0	34.0	54.0	46.0	3.0	29.0
28	25.0	9.0	30.0	47.0	48.0	6.0	20.0
29	22.0	10.0	34.0	44.0	44.0	5.0	24.0
30	35.0		33.0	47.0	51.0	6.0	27.0
31	22.0		32.0		43.0		29.0

1941

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	29.0	28.0	22.0	38.0	58.0	36.0	41.0
2	12.0	20.0	5.0	18.0	55.0	37.0	49.0
3	6.0	32.0	3.0	33.0	53.0	36.0	42.0
4	10.0	37.0	22.0	39.0	58.0	30.0	36.0
5	9.0	15.0	16.0	38.0	46.0	28.0	32.0
6	11.0	12.0	31.0	37.0	41.0	26.0	30.0
7	22.0	13.0	39.0	35.0	42.0	29.0	17.0
8	-3.0	16.0	37.0	36.0	58.0	30.0	15.0
9	30.0	23.0	36.0	47.0	47.0	33.0	-4.0
10	3.0	18.0	29.0	52.0	50.0	36.0	5.0
11	29.0	15.0	20.0	63.0	65.0	38.0	15.0
12	14.0	23.0	21.0	64.0	67.0	43.0	15.0
13	5.0	12.0	29.0	52.0	63.0	41.0	19.0
14	10.0	22.0	33.0	50.0	67.0	52.0	20.0
15	16.0	20.0	22.0	59.0	60.0	33.0	14.0
16	12.0	16.0	-5.0	58.0	59.0	30.0	32.0
17	9.0	-15.0	18.0	60.0	62.0	30.0	40.0
18	11.0	-14.0	24.0	33.0	58.0	31.0	20.0
19	9.0	-11.0	23.0	53.0	63.0	30.0	15.0
20	1.0	-3.0	28.0	34.0	65.0	16.0	20.0
21	-6.0	-3.0	31.0	48.0	58.0	24.0	25.0
22	0.0	13.0	30.0	46.0	55.0	-1.0	31.0
23	0.0	10.0	26.0	53.0	60.0	21.0	25.0
24	-7.0	-2.0	35.0	58.0	62.0	35.0	20.0
25	-21.0	1.0	37.0	64.0	52.0	36.0	22.0
26	16.0	5.0	31.0	74.0	40.0	20.0	12.0
27	0.0	7.0	24.0	80.0	33.0	19.0	12.0
28	10.0	20.0	35.0	69.0	42.0	17.0	14.0
29	39.0		42.0	44.0	33.0	36.0	17.0
30	31.0		27.0	83.0	32.0	40.0	12.0
31	42.0		39.0		33.0		-5.0

1942

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-3.0	12.0	32.0	32.0	76.0	34.0	1.0
2	-3.0	20.0	40.0	46.0	80.0	32.0	10.0
3	-20.0	21.0	42.0	53.0	69.0	40.0	19.0
4	-16.0	30.0	40.0	28.0	62.0	34.0	18.0
5	-8.0	19.0	34.0	27.0	66.0	24.0	17.0
6	-18.0	-1.0	33.0	33.0	68.0	29.0	10.0
7	2.0	5.0	32.0	26.0	76.0	21.0	18.0
8	-3.0	23.0	33.0	36.0	60.0	27.0	10.0
9	-6.0	15.0	34.0	29.0	72.0	27.0	1.0
10	21.0	14.0	32.0	31.0	75.0	32.0	3.0
11	38.0	15.0	33.0	33.0	74.0	42.0	4.0
12	37.0	22.0	30.0	54.0	75.0	34.0	-2.0
13	39.0	23.0	33.0	61.0	59.0	28.0	24.0
14	42.0	15.0	35.0	53.0	68.0	51.0	23.0
15	30.0	22.0	36.0	58.0	72.0	42.0	24.0
16	43.0	-12.0	33.0	41.0	71.0	38.0	22.0
17	42.0	-11.0	31.0	49.0	70.0	21.0	4.0
18	39.0	-4.0	28.0	54.0	71.0	26.0	-3.0
19	41.0	15.0	34.0	46.0	77.0	25.0	1.0
20	36.0	14.0	39.0	57.0	55.0	38.0	3.0
21	44.0	12.0	42.0	71.0	40.0	41.0	28.0
22	49.0	10.0	44.0	77.0	38.0	47.0	30.0
23	48.0	8.0	20.0	76.0	34.0	54.0	18.0
24	40.0	7.0	30.0	48.0	26.0	37.0	2.0
25	22.0	14.0	30.0	67.0	27.0	10.0	24.0
26	36.0	15.0	18.0	63.0	32.0	15.0	20.0
27	32.0	16.0	14.0	61.0	30.0	12.0	26.0
28	33.0	30.0	13.0	47.0	29.0	10.0	30.0
29	20.0		20.0	48.0	42.0	11.0	5.0
30	16.0		33.0	54.0	41.0	8.0	-5.0
31	14.0		36.0		34.0		3.0

1943

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-4.0	12.0	-2.0	20.0	66.0	44.0	36.0
2	-12.0	25.0	7.0	36.0	79.0	46.0	31.0
3	-7.0	15.0	26.0	39.0	81.0	43.0	27.0
4	12.0	11.0	5.0	52.0	84.0	34.0	46.0
5	0.0	3.0	6.0	59.0	82.0	37.0	30.0
6	-2.0	5.0	4.0	62.0	68.0	35.0	39.0
7	4.0	9.0	7.0	58.0	79.0	34.0	36.0
8	37.0	12.0	16.0	59.0	76.0	35.0	36.0
9	24.0	9.0	20.0	56.0	75.0	36.0	34.0
10	8.0	2.0	27.0	60.0	78.0	38.0	15.0
11	14.0	-3.0	16.0	56.0	75.0	47.0	42.0
12	14.0	9.0	12.0	30.0	67.0	24.0	4.0
13	38.0	4.0	11.0	36.0	36.0	27.0	-5.0
14	8.0	10.0	10.0	40.0	36.0	32.0	12.0
15	-1.0	12.0	5.0	62.0	49.0	39.0	20.0
16	-15.0	22.0	3.0	48.0	50.0	45.0	38.0
17	-16.0	24.0	10.0	43.0	62.0	47.0	40.0
18	-10.0	36.0	20.0	47.0	57.0	45.0	33.0
19	-22.0	38.0	24.0	59.0	66.0	37.0	24.0
20	-26.0	39.0	27.0	70.0	59.0	39.0	17.0
21	-16.0	41.0	32.0	74.0	55.0	31.0	7.0
22	-20.0	31.0	39.0	68.0	60.0	28.0	0.0
23	-12.0	22.0	46.0	66.0	58.0	35.0	17.0
24	-14.0	14.0	49.0	65.0	57.0	35.0	40.0
25	-10.0	14.0	48.0	67.0	49.0	32.0	39.0
26	0.0	28.0	27.0	48.0	54.0	23.0	9.0
27	2.0	24.0	24.0	50.0	62.0	27.0	30.0
28	5.0	7.0	32.0	68.0	56.0	31.0	37.0
29	10.0		39.0	65.0	44.0	40.0	36.0
30	5.0		38.0	57.0	43.0	35.0	44.0
31	1.0		29.0		38.0		34.0

1944

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	33.0	24.0	28.0	28.0	42.0	43.0	18.0
2	35.0	30.0	17.0	34.0	51.0	28.0	22.0
3	29.0	20.0	11.0	32.0	65.0	24.0	28.0
4	5.0	12.0	3.0	35.0	78.0	28.0	37.0
5	10.0	3.0	14.0	46.0	65.0	32.0	36.0
6	2.0	8.0	12.0	34.0	52.0	37.0	40.0
7	13.0	2.0	11.0	39.0	44.0	36.0	29.0
8	31.0	7.0	5.0	38.0	42.0	35.0	26.0
9	29.0	1.0	21.0	49.0	50.0	35.0	17.0
10	11.0	-5.0	41.0	53.0	51.0	35.0	22.0
11	11.0	5.0	24.0	57.0	64.0	37.0	28.0
12	25.0	22.0	5.0	61.0	70.0	43.0	28.0
13	45.0	12.0	13.0	62.0	59.0	40.0	33.0
14	20.0	5.0	18.0	52.0	53.0	34.0	39.0
15	21.0	14.0	28.0	54.0	75.0	25.0	16.0
16	22.0	12.0	30.0	52.0	77.0	36.0	32.0
17	32.0	5.0	10.0	58.0	76.0	28.0	12.0
18	39.0	25.0	18.0	64.0	48.0	24.0	26.0
19	42.0	24.0	28.0	65.0	64.0	27.0	25.0
20	45.0	29.0	27.0	64.0	50.0	28.0	-1.0
21	35.0	21.0	31.0	66.0	55.0	26.0	4.0
22	39.0	22.0	41.0	62.0	61.0	38.0	6.0
23	36.0	20.0	40.0	65.0	57.0	36.0	17.0
24	36.0	19.0	21.0	60.0	65.0	39.0	17.0
25	29.0	22.0	25.0	63.0	57.0	34.0	18.0
26	30.0	13.0	20.0	69.0	69.0	30.0	17.0
27	18.0	17.0	23.0	72.0	72.0	21.0	15.0
28	21.0	11.0	21.0	69.0	40.0	23.0	19.0
29	32.0	22.0	22.0	68.0	69.0	13.0	12.0
30	26.0		23.0	67.0	46.0	19.0	2.0
31	18.0		23.0		32.0		2.0

1945

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-8.0	13.0	27.0	24.0	55.0	32.0	32.0
2	-6.0	12.0	11.0	29.0	55.0	30.0	25.0
3	-6.0	16.0	21.0	33.0	72.0	36.0	15.0
4	-9.0	9.0	3.0	39.0	69.0	38.0	45.0
5	-8.0	6.0	6.0	40.0	70.0	29.0	35.0
6	4.0	-1.0	17.0	30.0	58.0	30.0	33.0
7	-6.0	9.0	27.0	36.0	50.0	27.0	25.0
8	-9.0	42.0	30.0	33.0	46.0	14.0	10.0
9	5.0	33.0	31.0	39.0	59.0	5.0	4.0
10	6.0	16.0	39.0	41.0	67.0	24.0	-4.0
11	20.0	16.0	43.0	45.0	62.0	18.0	0.0
12	7.0	28.0	44.0	47.0	46.0	17.0	10.0
13	18.0	22.0	49.0	41.0	60.0	20.0	10.0
14	22.0	28.0	34.0	45.0	55.0	15.0	0.0
15	26.0	16.0	37.0	51.0	82.0	16.0	0.0
16	22.0	-4.0	47.0	49.0	87.0	20.0	-5.0
17	29.0	-6.0	39.0	32.0	80.0	16.0	-8.0
18	28.0	12.0	37.0	45.0	50.0	22.0	0.0
19	16.0	18.0	47.0	31.0	55.0	18.0	10.0
20	26.0	30.0	59.0	32.0	52.0	12.0	-5.0
21	28.0	28.0	57.0	42.0	47.0	17.0	-10.0
22	34.0	26.0	56.0	40.0	47.0	20.0	0.0
23	36.0	35.0	59.0	37.0	43.0	12.0	17.0
24	28.0	30.0	58.0	40.0	54.0	18.0	15.0
25	20.0	6.0	50.0	37.0	44.0	23.0	12.0
26	14.0	20.0	51.0	44.0	42.0	27.0	10.0
27	11.0	36.0	49.0	62.0	52.0	29.0	18.0
28	6.0	26.0	40.0	61.0	57.0	31.0	19.0
29	6.0		50.0	45.0	45.0	32.0	5.0
30	8.0		52.0	52.0	36.0	34.0	0.0
31	13.0		43.0		33.0		-5.0

1946

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	-6.0	35.0	45.0	69.0	32.0	10.0
2	15.0	-4.0	30.0	37.0	68.0	36.0	22.0
3	16.0	4.0	27.0	38.0	64.0	38.0	24.0
4	30.0	25.0	26.0	41.0	71.0	34.0	26.0
5	30.0	12.0	32.0	38.0	47.0	42.0	23.0
6	10.0	0.0	38.0	42.0	35.0	48.0	35.0
7	20.0	0.0	15.0	48.0	38.0	46.0	35.0
8	20.0	2.0	15.0	42.0	46.0	44.0	36.0
9	24.0	10.0	26.0	39.0	45.0	39.0	34.0
10	22.0	23.0	25.0	38.0	38.0	40.0	27.0
11	10.0	0.0	42.0	60.0	30.0	39.0	42.0
12	0.0	6.0	38.0	67.0	34.0	42.0	5.0
13	0.0	-4.0	39.0	66.0	39.0	51.0	-8.0
14	-10.0	-2.0	36.0	65.0	42.0	50.0	2.0
15	-12.0	0.0	38.0	55.0	41.0	33.0	3.0
16	30.0	4.0	38.0	67.0	36.0	10.0	-8.0
17	19.0	2.0	39.0	62.0	34.0	2.0	2.0
18	-4.0	4.0	40.0	55.0	48.0	10.0	4.0
19	0.0	0.0	38.0	60.0	52.0	12.0	19.0
20	0.0	0.0	45.0	58.0	68.0	10.0	9.0
21	14.0	32.0	41.0	76.0	60.0	4.0	8.0
22	12.0	15.0	46.0	72.0	58.0	10.0	24.0
23	10.0	20.0	44.0	76.0	65.0	15.0	16.0
24	18.0	0.0	58.0	63.0	58.0	10.0	12.0
25	-11.0	12.0	45.0	42.0	50.0	20.0	10.0
26	0.0	16.0	61.0	62.0	43.0	10.0	8.0
27	10.0	32.0	74.0	58.0	38.0	14.0	2.0
28	0.0	26.0	56.0	64.0	34.0	5.0	-10.0
29	-4.0		45.0	76.0	35.0	7.0	-8.0
30	-4.0		34.0	80.0	36.0	5.0	-7.0
31	-2.0		36.0		32.0		-9.0

1947

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	6.0	-10.0	15.0	45.0	58.0	62.0	22.0
2	-10.0	2.0	20.0	51.0	62.0	59.0	10.0
3	-4.0	-10.0	19.0	40.0	53.0	49.0	0.0
4	36.0	-5.0	20.0	32.0	49.0	47.0	-5.0
5	10.0	-4.0	18.0	24.0	51.0	48.0	19.0
6	35.0	0.0	20.0	34.0	54.0	39.0	25.0
7	28.0	8.0	18.0	38.0	65.0	34.0	10.0
8	22.0	16.0	25.0	45.0	68.0	25.0	-5.0
9	30.0	15.0	27.0	32.0	65.0	22.0	4.0
10	35.0	15.0	34.0	34.0	70.0	25.0	8.0
11	30.0	34.0	35.0	48.0	52.0	27.0	7.0
12	24.0	20.0	30.0	42.0	46.0	18.0	10.0
13	26.0	20.0	22.0	44.0	47.0	17.0	32.0
14	12.0	16.0	12.0	44.0	58.0	30.0	18.0
15	4.0	20.0	14.0	42.0	60.0	30.0	6.0
16	25.0	36.0	24.0	40.0	58.0	31.0	12.0
17	10.0	15.0	33.0	33.0	68.0	29.0	-10.0
18	10.0	-4.0	30.0	34.0	70.0	25.0	0.0
19	36.0	0.0	34.0	30.0	62.0	24.0	20.0
20	12.0	4.0	24.0	46.0	56.0	23.0	28.0
21	0.0	11.0	28.0	34.0	52.0	22.0	22.0
22	15.0	4.0	42.0	44.0	54.0	18.0	10.0
23	37.0	10.0	36.0	40.0	48.0	10.0	26.0
24	34.0	20.0	28.0	42.0	54.0	17.0	29.0
25	40.0	20.0	28.0	60.0	62.0	10.0	30.0
26	34.0	16.0	36.0	42.0	56.0	10.0	36.0
27	18.0	10.0	32.0	55.0	54.0	11.0	20.0
28	0.0	16.0	34.0	87.0	53.0	8.0	12.0
29	9.0		33.0	78.0	60.0	10.0	12.0
30	8.0		36.0	60.0	58.0	35.0	-9.0
31	8.0		39.0		48.0		-10.0

1948

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	6.0	12.0	20.0	62.0	48.0	24.0
2	30.0	-6.0	8.0	22.0	58.0	45.0	34.0
3	28.0	10.0	8.0	35.0	57.0	39.0	30.0
4	25.0	8.0	10.0	37.0	65.0	40.0	24.0
5	28.0	5.0	20.0	30.0	71.0	39.0	16.0
6	15.0	2.0	18.0	33.0	72.0	36.0	18.0
7	30.0	-15.0	12.0	24.0	63.0	37.0	20.0
8	22.0	-8.0	0.0	23.0	65.0	38.0	15.0
9	-8.0	-10.0	-12.0	28.0	52.0	34.0	-10.0
10	7.0	2.0	5.0	41.0	48.0	35.0	8.0
11	20.0	10.0	8.0	32.0	53.0	34.0	16.0
12	2.0	18.0	20.0	31.0	56.0	33.0	-5.0
13	-5.0	28.0	30.0	34.0	47.0	26.0	-2.0
14	15.0	-8.0	30.0	35.0	45.0	33.0	5.0
15	-15.0	18.0	26.0	35.0	50.0	36.0	12.0
16	-8.0	11.0	12.0	49.0	38.0	34.0	10.0
17	-18.0	10.0	2.0	57.0	32.0	22.0	-4.0
18	6.0	20.0	33.0	56.0	44.0	22.0	0.0
19	-5.0	-6.0	34.0	65.0	48.0	24.0	12.0
20	-5.0	0.0	37.0	72.0	56.0	27.0	10.0
21	-10.0	2.0	34.0	81.0	62.0	28.0	5.0
22	-20.0	22.0	36.0	72.0	68.0	31.0	7.0
23	-17.0	23.0	35.0	60.0	70.0	30.0	5.0
24	4.0	18.0	22.0	61.0	59.0	28.0	1.0
25	4.0	33.0	23.0	45.0	54.0	25.0	0.0
26	-10.0	29.0	21.0	40.0	58.0	22.0	20.0
27	-5.0	24.0	30.0	42.0	61.0	23.0	20.0
28	30.0	15.0	28.0	40.0	60.0	15.0	18.0
29	20.0	10.0	29.0	45.0	52.0	17.0	21.0
30	30.0		25.0	52.0	53.0	16.0	30.0
31	8.0		24.0		51.0		15.0

1949

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	19.0	-10.0	30.0	41.0	65.0	45.0	19.0
2	23.0	-9.0	28.0	40.0	65.0	40.0	34.0
3	20.0	-3.0	32.0	42.0	64.0	55.0	32.0
4	-6.0	0.0	37.0	41.0	63.0	52.0	25.0
5	7.0	-2.0	20.0	37.0	72.0	64.0	24.0
6	39.0	10.0	25.0	50.0	62.0	65.0	15.0
7	20.0	10.0	39.0	40.0	50.0	60.0	10.0
8	6.0	-5.0	0.0	50.0	58.0	40.0	14.0
9	5.0	-8.0	12.0	49.0	56.0	41.0	12.0
10	-5.0	-5.0	20.0	57.0	55.0	42.0	16.0
11	5.0	20.0	24.0	67.0	50.0	43.0	7.0
12	25.0	-13.0	25.0	57.0	55.0	45.0	-2.0
13	30.0	-10.0	5.0	45.0	52.0	37.0	-5.0
14	30.0	5.0	5.0	34.0	50.0	30.0	-4.0
15	12.0	15.0	10.0	40.0	51.0	36.0	11.0
16	-11.0	0.0	12.0	58.0	52.0	34.0	10.0
17	10.0	29.0	22.0	37.0	48.0	29.0	11.0
18	-2.0	-10.0	21.0	57.0	35.0	35.0	12.0
19	-20.0	-9.0	19.0	69.0	30.0	30.0	8.0
20	-25.0	-5.0	30.0	68.0	30.0	24.0	0.0
21	-18.0	12.0	26.0	70.0	29.0	22.0	10.0
22	-10.0	13.0	30.0	42.0	40.0	25.0	-8.0
23	-11.0	9.0	30.0	68.0	30.0	23.0	-10.0
24	-15.0	4.0	34.0	70.0	33.0	22.0	0.0
25	-10.0	12.0	35.0	68.0	30.0	20.0	-8.0
26	-2.0	20.0	34.0	65.0	40.0	24.0	8.0
27	5.0	2.0	34.0	71.0	42.0	41.0	-5.0
28	-5.0	4.0	43.0	87.0	50.0	46.0	-8.0
29	-10.0		40.0	89.0	48.0	30.0	-5.0
30	10.0		38.0	78.0	29.0	20.0	28.0
31	5.0		42.0		36.0		6.0

1950

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	2.0	8.0	-2.0	34.0	46.0	40.0	12.0
2	-6.0	10.0	15.0	30.0	31.0	39.0	10.0
3	-10.0	23.0	20.0	33.0	40.0	43.0	2.0
4	-2.0	10.0	42.0	34.0	54.0	54.0	-2.0
5	-20.0	15.0	24.0	37.0	48.0	64.0	-10.0
6	-8.0	18.0	22.0	40.0	56.0	37.0	-2.0
7	0.0	30.0	0.0	18.0	58.0	34.0	4.0
8	-5.0	28.0	10.0	20.0	59.0	30.0	16.0
9	-7.0	20.0	12.0	32.0	58.0	20.0	15.0
10	-15.0	-4.0	0.0	32.0	61.0	18.0	18.0
11	-10.0	10.0	0.0	28.0	62.0	20.0	26.0
12	-5.0	14.0	15.0	32.0	65.0	22.0	20.0
13	-10.0	15.0	18.0	34.0	61.0	36.0	14.0
14	-10.0	18.0	10.0	42.0	53.0	44.0	8.0
15	-8.0	20.0	12.0	46.0	52.0	30.0	-5.0
16	-20.0	24.0	10.0	56.0	54.0	33.0	6.0
17	-20.0	15.0	17.0	61.0	56.0	29.0	4.0
18	-16.0	-2.0	18.0	35.0	48.0	16.0	12.0
19	-12.0	-8.0	20.0	35.0	43.0	15.0	10.0
20	-12.0	10.0	33.0	47.0	39.0	19.0	9.0
21	-12.0	5.0	38.0	48.0	38.0	22.0	7.0
22	-5.0	20.0	40.0	49.0	35.0	15.0	37.0
23	-2.0	-10.0	35.0	45.0	42.0	-4.0	35.0
24	-10.0	-10.0	33.0	38.0	35.0	12.0	6.0
25	-20.0	-5.0	35.0	32.0	47.0	16.0	0.0
26	-15.0	18.0	33.0	30.0	52.0	20.0	-3.0
27	-12.0	32.0	23.0	34.0	61.0	21.0	14.0
28	-20.0	15.0	22.0	32.0	64.0	22.0	8.0
29	-22.0		25.0	32.0	70.0	14.0	5.0
30	-21.0		39.0	41.0	68.0	3.0	14.0
31	-20.0		35.0		53.0		20.0

1951

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	12.0	2.0	16.0	38.0	74.0	12.0	39.0
2	10.0	12.0	12.0	46.0	70.0	16.0	36.0
3	-4.0	0.0	10.0	45.0	57.0	13.0	34.0
4	-6.0	-7.0	7.0	56.0	54.0	15.0	32.0
5	-10.0	-10.0	21.0	58.0	58.0	21.0	33.0
6	-2.0	-10.0	-7.0	52.0	53.0	25.0	33.0
7	8.0	-8.0	4.0	49.0	61.0	32.0	28.0
8	29.0	-9.0	3.0	46.0	71.0	45.0	17.0
9	28.0	-4.0	6.0	50.0	69.0	44.0	18.0
10	23.0	12.0	15.0	40.0	65.0	41.0	16.0
11	21.0	-6.0	5.0	28.0	66.0	46.0	10.0
12	23.0	-8.0	7.0	37.0	67.0	38.0	4.0
13	26.0	-6.0	12.0	50.0	62.0	37.0	0.0
14	22.0	-4.0	11.0	29.0	65.0	29.0	-4.0
15	24.0	6.0	14.0	29.0	62.0	25.0	-12.0
16	38.0	18.0	27.0	32.0	54.0	20.0	-4.0
17	20.0	29.0	18.0	40.0	50.0	21.0	-6.0
18	-4.0	25.0	9.0	40.0	38.0	11.0	-10.0
19	-10.0	27.0	6.0	34.0	31.0	12.0	-9.0
20	-5.0	25.0	10.0	33.0	31.0	28.0	-10.0
21	0.0	26.0	19.0	31.0	32.0	20.0	0.0
22	12.0	20.0	20.0	44.0	36.0	11.0	-4.0
23	0.0	24.0	22.0	48.0	47.0	3.0	0.0
24	0.0	36.0	24.0	50.0	44.0	19.0	7.0
25	-8.0	35.0	41.0	52.0	30.0	21.0	12.0
26	-10.0	32.0	49.0	68.0	30.0	20.0	5.0
27	-21.0	13.0	40.0	57.0	29.0	41.0	-4.0
28	-16.0	10.0	30.0	52.0	40.0	38.0	2.0
29	-10.0		33.0	64.0	34.0	40.0	18.0
30	0.0		30.0	68.0	30.0	30.0	0.0
31	-12.0		34.0		33.0		-10.0

1952

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-8.0	25.0	0.0	37.0	46.0	50.0	20.0
2	9.0	36.0	-2.0	35.0	35.0	37.0	30.0
3	25.0	28.0	0.0	29.0	38.0	41.0	30.0
4	22.0	24.0	6.0	32.0	37.0	60.0	31.0
5	12.0	26.0	10.0	48.0	38.0	39.0	28.0
6	23.0	27.0	21.0	50.0	45.0	40.0	29.0
7	23.0	25.0	28.0	60.0	60.0	41.0	32.0
8	23.0	30.0	30.0	33.0	62.0	30.0	33.0
9	0.0	20.0	31.0	34.0	65.0	30.0	25.0
10	11.0	28.0	30.0	42.0	67.0	40.0	24.0
11	11.0	35.0	29.0	51.0	62.0	32.0	22.0
12	-2.0	28.0	30.0	55.0	60.0	48.0	20.0
13	3.0	27.0	28.0	56.0	39.0	45.0	19.0
14	10.0	34.0	31.0	67.0	48.0	46.0	27.0
15	8.0	19.0	30.0	69.0	24.0	38.0	41.0
16	0.0	8.0	31.0	74.0	33.0	41.0	31.0
17	2.0	4.0	30.0	78.0	38.0	34.0	17.0
18	2.0	10.0	36.0	80.0	60.0	38.0	6.0
19	0.0	12.0	28.0	80.0	58.0	36.0	22.0
20	-8.0	13.0	25.0	79.0	60.0	45.0	25.0
21	-14.0	14.0	24.0	56.0	67.0	32.0	28.0
22	-20.0	15.0	20.0	57.0	65.0	30.0	27.0
23	-10.0	18.0	25.0	69.0	74.0	26.0	10.0
24	-12.0	24.0	30.0	68.0	62.0	23.0	20.0
25	-2.0	34.0	34.0	75.0	60.0	19.0	27.0
26	-3.0	35.0	29.0	90.0	42.0	10.0	5.0
27	-4.0	20.0	35.0	90.0	24.0	10.0	28.0
28	-8.0	22.0	42.0	87.0	40.0	20.0	24.0
29	12.0	0.0	48.0	90.0	65.0	21.0	20.0
30	31.0		50.0	75.0	55.0	25.0	24.0
31	41.0		52.0		48.0		34.0

1953

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	17.0	-5.0	10.0	54.0	80.0	52.0	40.0
2	27.0	-6.0	22.0	49.0	70.0	50.0	25.0
3	24.0	15.0	19.0	46.0	58.0	39.0	15.0
4	15.0	40.0	12.0	40.0	66.0	37.0	13.0
5	-3.0	21.0	6.0	45.0	59.0	45.0	21.0
6	0.0	17.0	4.0	46.0	50.0	41.0	24.0
7	8.0	10.0	20.0	40.0	60.0	46.0	34.0
8	24.0	7.0	32.0	40.0	63.0	41.0	20.0
9	42.0	16.0	33.0	40.0	67.0	42.0	31.0
10	17.0	18.0	37.0	37.0	63.0	39.0	32.0
11	24.0	32.0	25.0	42.0	66.0	42.0	18.0
12	5.0	20.0	20.0	50.0	65.0	63.0	22.0
13	-4.0	31.0	24.0	41.0	66.0	61.0	20.0
14	-8.0	14.0	20.0	41.0	62.0	62.0	20.0
15	-15.0	5.0	25.0	38.0	79.0	66.0	10.0
16	14.0	6.0	38.0	25.0	76.0	60.0	5.0
17	10.0	10.0	21.0	30.0	66.0	52.0	12.0
18	8.0	11.0	37.0	33.0	69.0	38.0	18.0
19	6.0	12.0	37.0	50.0	68.0	34.0	38.0
20	12.0	0.0	45.0	63.0	68.0	29.0	29.0
21	11.0	20.0	36.0	75.0	71.0	25.0	6.0
22	12.0	32.0	37.0	63.0	45.0	33.0	5.0
23	34.0	27.0	25.0	62.0	50.0	34.0	32.0
24	20.0	32.0	20.0	39.0	45.0	32.0	38.0
25	16.0	36.0	35.0	46.0	40.0	25.0	32.0
26	20.0	33.0	37.0	52.0	39.0	24.0	12.0
27	8.0	24.0	43.0	57.0	51.0	34.0	14.0
28	0.0	10.0	47.0	60.0	55.0	34.0	15.0
29	6.0		42.0	61.0	52.0	38.0	-20.0
30	5.0		47.0	43.0	38.0	33.0	-10.0
31	16.0		50.0		40.0		39.0

1954

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	5.0	36.0	22.0	10.0	42.0	34.0	19.0
2	0.0	34.0	12.0	11.0	50.0	37.0	20.0
3	22.0	42.0	2.0	20.0	52.0	33.0	26.0
4	29.0	39.0	15.0	50.0	40.0	40.0	24.0
5	6.0	20.0	31.0	54.0	47.0	55.0	16.0
6	12.0	28.0	40.0	42.0	40.0	56.0	26.0
7	0.0	42.0	28.0	24.0	53.0	50.0	30.0
8	-4.0	34.0	30.0	46.0	65.0	42.0	25.0
9	-15.0	38.0	30.0	53.0	68.0	47.0	19.0
10	-5.0	8.0	29.0	45.0	69.0	55.0	25.0
11	-10.0	0.0	31.0	43.0	70.0	44.0	24.0
12	8.0	8.0	28.0	63.0	50.0	45.0	33.0
13	15.0	12.0	24.0	59.0	54.0	35.0	35.0
14	-8.0	27.0	27.0	66.0	51.0	28.0	30.0
15	-19.0	20.0	30.0	45.0	48.0	40.0	31.0
16	-22.0	36.0	37.0	50.0	46.0	42.0	29.0
17	-12.0	46.0	36.0	45.0	51.0	36.0	27.0
18	-12.0	38.0	37.0	42.0	50.0	39.0	26.0
19	-15.0	27.0	36.0	43.0	59.0	40.0	36.0
20	-25.0	40.0	35.0	45.0	58.0	41.0	27.0
21	-17.0	31.0	34.0	33.0	62.0	36.0	40.0
22	-9.0	29.0	37.0	35.0	64.0	37.0	44.0
23	-10.0	33.0	41.0	47.0	50.0	40.0	32.0
24	-12.0	34.0	34.0	46.0	42.0	32.0	15.0
25	-14.0	35.0	24.0	45.0	34.0	30.0	20.0
26	-9.0	35.0	28.0	46.0	43.0	26.0	10.0
27	0.0	29.0	10.0	45.0	46.0	24.0	15.0
28	-2.0	24.0	14.0	31.0	40.0	23.0	31.0
29	0.0		16.0	34.0	30.0	18.0	20.0
30	16.0		18.0	35.0	32.0	19.0	-5.0
31	39.0		26.0		31.0		14.0

1955

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	5.0	6.0	7.0	49.0	46.0	30.0	15.0
2	10.0	6.0	6.0	48.0	54.0	25.0	6.0
3	5.0	16.0	4.0	47.0	53.0	25.0	-10.0
4	15.0	17.0	3.0	44.0	65.0	50.0	0.0
5	15.0	16.0	-5.0	34.0	62.0	32.0	5.0
6	10.0	18.0	-6.0	40.0	66.0	25.0	6.0
7	14.0	17.0	20.0	61.0	69.0	23.0	-5.0
8	16.0	25.0	41.0	69.0	76.0	42.0	-10.0
9	15.0	-7.0	33.0	66.0	72.0	43.0	-8.0
10	12.0	-8.0	6.0	76.0	68.0	47.0	-6.0
11	10.0	-9.0	21.0	71.0	60.0	19.0	-8.0
12	7.0	-2.0	20.0	40.0	55.0	9.0	22.0
13	17.0	24.0	26.0	50.0	57.0	9.0	0.0
14	14.0	33.0	20.0	65.0	58.0	9.0	10.0
15	0.0	22.0	15.0	60.0	57.0	16.0	5.0
16	3.0	33.0	7.0	54.0	51.0	21.0	0.0
17	0.0	36.0	9.0	56.0	54.0	17.0	0.0
18	12.0	10.0	20.0	52.0	57.0	17.0	-18.0
19	20.0	1.0	8.0	54.0	47.0	20.0	-15.0
20	10.0	2.0	11.0	42.0	49.0	15.0	-6.0
21	18.0	11.0	16.0	35.0	62.0	17.0	13.0
22	6.0	14.0	17.0	40.0	59.0	25.0	5.0
23	5.0	-8.0	11.0	54.0	39.0	0.0	34.0
24	4.0	-6.0	9.0	50.0	46.0	-1.0	3.0
25	3.0	9.0	14.0	56.0	62.0	12.0	-2.0
26	-12.0	-4.0	10.0	61.0	78.0	27.0	12.0
27	-6.0	-4.0	25.0	70.0	52.0	0.0	33.0
28	0.0	6.0	39.0	57.0	51.0	14.0	2.0
29	2.0		35.0	68.0	45.0	2.0	-2.0
30	0.0		36.0	74.0	40.0	10.0	26.0
31	4.0		45.0		34.0		23.0

1956

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	21.0	10.0	24.0	39.0	65.0	39.0	43.0
2	26.0	11.0	32.0	37.0	69.0	36.0	43.0
3	5.0	33.0	15.0	38.0	60.0	46.0	9.0
4	6.0	31.0	34.0	42.0	59.0	50.0	8.0
5	30.0	27.0	22.0	30.0	60.0	46.0	2.0
6	-8.0	36.0	5.0	29.0	56.0	37.0	-1.0
7	4.0	31.0	2.0	31.0	74.0	27.0	14.0
8	26.0	31.0	8.0	35.0	58.0	39.0	14.0
9	26.0	37.0	15.0	39.0	57.0	32.0	15.0
10	15.0	22.0	3.0	44.0	61.0	49.0	-9.0
11	16.0	21.0	2.0	38.0	68.0	45.0	0.0
12	17.0	12.0	20.0	42.0	76.0	45.0	-8.0
13	12.0	12.0	12.0	46.0	76.0	48.0	-7.0
14	11.0	-1.0	8.0	42.0	56.0	22.0	-10.0
15	-10.0	-4.0	12.0	35.0	66.0	20.0	4.0
16	-13.0	-7.0	24.0	36.0	69.0	22.0	-8.0
17	-4.0	-6.0	35.0	40.0	53.0	32.0	-8.0
18	-2.0	-5.0	30.0	47.0	69.0	24.0	40.0
19	-19.0	3.0	36.0	49.0	78.0	23.0	36.0
20	-9.0	-4.0	43.0	56.0	59.0	29.0	40.0
21	-2.0	-3.0	34.0	35.0	61.0	16.0	17.0
22	-3.0	10.0	21.0	32.0	45.0	15.0	12.0
23	0.0	22.0	22.0	41.0	46.0	30.0	12.0
24	19.0	8.0	39.0	52.0	59.0	48.0	26.0
25	24.0	-5.0	43.0	30.0	40.0	26.0	43.0
26	23.0	3.0	32.0	34.0	44.0	42.0	41.0
27	23.0	9.0	29.0	30.0	38.0	31.0	33.0
28	15.0	20.0	30.0	38.0	41.0	21.0	29.0
29	5.0	33.0	24.0	42.0	47.0	36.0	20.0
30	3.0		31.0	49.0	46.0	34.0	38.0
31	1.0		36.0		50.0		-10.0

1957

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-5.0	0.0	10.0	32.0	75.0	35.0	20.0
2	15.0	8.0	14.0	37.0	80.0	37.0	10.0
3	16.0	19.0	23.0	44.0	75.0	38.0	25.0
4	11.0	20.0	13.0	41.0	70.0	43.0	32.0
5	16.0	10.0	15.0	45.0	58.0	51.0	35.0
6	24.0	16.0	20.0	31.0	50.0	48.0	25.0
7	21.0	14.0	27.0	36.0	45.0	30.0	27.0
8	-12.0	18.0	28.0	40.0	44.0	20.0	28.0
9	-5.0	25.0	28.0	36.0	45.0	26.0	41.0
10	0.0	23.0	31.0	29.0	51.0	45.0	0.0
11	-4.0	36.0	30.0	26.0	55.0	46.0	10.0
12	-16.0	37.0	20.0	35.0	57.0	33.0	31.0
13	2.0	11.0	18.0	37.0	59.0	32.0	33.0
14	6.0	25.0	21.0	53.0	67.0	39.0	34.0
15	-9.0	27.0	20.0	44.0	50.0	31.0	36.0
16	16.0	5.0	28.0	41.0	56.0	25.0	35.0
17	17.0	29.0	30.0	51.0	55.0	30.0	37.0
18	24.0	3.0	32.0	45.0	49.0	35.0	38.0
19	30.0	4.0	39.0	56.0	57.0	28.0	38.0
20	6.0	3.0	50.0	59.0	61.0	26.0	43.0
21	-5.0	5.0	52.0	61.0	57.0	22.0	30.0
22	-5.0	-1.0	53.0	74.0	34.0	45.0	30.0
23	-6.0	1.0	51.0	75.0	30.0	40.0	10.0
24	-8.0	14.0	42.0	70.0	36.0	23.0	30.0
25	-4.0	22.0	47.0	61.0	46.0	57.0	35.0
26	8.0	17.0	49.0	45.0	60.0	36.0	25.0
27	20.0	38.0	44.0	55.0	39.0	23.0	15.0
28	-8.0	37.0	37.0	76.0	51.0	35.0	-10.0
29	4.0		37.0	78.0	49.0	8.0	-12.0
30	10.0		41.0	86.0	46.0	22.0	-11.0
31	-5.0		41.0		61.0		10.0

1958

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	4.0	8.0	14.0	45.0	42.0	64.0	11.0
2	12.0	9.0	31.0	54.0	50.0	59.0	15.0
3	20.0	20.0	30.0	60.0	74.0	55.0	41.0
4	29.0	10.0	36.0	58.0	46.0	47.0	5.0
5	44.0	2.0	11.0	56.0	61.0	44.0	-2.0
6	3.0	-3.0	18.0	56.0	64.0	46.0	-4.0
7	36.0	-2.0	39.0	60.0	58.0	38.0	-10.0
8	46.0	-4.0	40.0	60.0	58.0	35.0	-12.0
9	45.0	-3.0	40.0	58.0	47.0	40.0	-5.0
10	22.0	-2.0	36.0	67.0	41.0	44.0	4.0
11	34.0	10.0	27.0	46.0	50.0	47.0	3.0
12	32.0	12.0	28.0	70.0	55.0	50.0	0.0
13	8.0	11.0	27.0	75.0	70.0	46.0	-5.0
14	17.0	-10.0	28.0	82.0	52.0	35.0	5.0
15	28.0	-5.0	27.0	64.0	65.0	34.0	6.0
16	15.0	0.0	21.0	61.0	60.0	33.0	4.0
17	20.0	7.0	22.0	60.0	58.0	26.0	31.0
18	22.0	11.0	28.0	61.0	70.0	25.0	0.0
19	10.0	20.0	30.0	60.0	75.0	45.0	-10.0
20	14.0	31.0	30.0	57.0	72.0	33.0	10.0
21	32.0	22.0	35.0	37.0	60.0	30.0	10.0
22	0.0	46.0	45.0	38.0	52.0	33.0	31.0
23	19.0	52.0	44.0	46.0	69.0	18.0	20.0
24	29.0	41.0	51.0	42.0	45.0	17.0	20.0
25	26.0	54.0	54.0	50.0	45.0	14.0	30.0
26	15.0	31.0	51.0	58.0	46.0	0.0	25.0
27	19.0	21.0	51.0	59.0	59.0	10.0	22.0
28	20.0	12.0	52.0	20.0	51.0	0.0	10.0
29	19.0		54.0	50.0	56.0	-15.0	25.0
30	11.0		55.0	44.0	62.0	10.0	28.0
31	10.0		60.0		61.0		20.0

1959

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	34.0	-6.0	43.0	36.0	50.0	30.0	36.0
2	-10.0	30.0	36.0	51.0	69.0	30.0	35.0
3	-15.0	0.0	12.0	42.0	69.0	28.0	35.0
4	-8.0	-4.0	24.0	51.0	54.0	24.0	25.0
5	-15.0	-3.0	26.0	47.0	54.0	14.0	25.0
6	4.0	-4.0	31.0	60.0	46.0	14.0	30.0
7	12.0	-8.0	34.0	36.0	35.0	33.0	25.0
8	10.0	0.0	31.0	34.0	32.0	25.0	35.0
9	12.0	-4.0	38.0	38.0	30.0	37.0	28.0
10	17.0	-5.0	34.0	38.0	33.0	25.0	25.0
11	34.0	6.0	33.0	46.0	33.0	15.0	20.0
12	16.0	0.0	34.0	55.0	35.0	10.0	31.0
13	31.0	10.0	34.0	60.0	34.0	8.0	40.0
14	18.0	10.0	24.0	70.0	36.0	11.0	41.0
15	-2.0	24.0	20.0	44.0	33.0	11.0	41.0
16	-15.0	10.0	16.0	46.0	32.0	-5.0	37.0
17	-12.0	4.0	36.0	42.0	41.0	10.0	28.0
18	15.0	-4.0	44.0	43.0	44.0	20.0	18.0
19	-5.0	10.0	34.0	51.0	34.0	31.0	15.0
20	-7.0	27.0	12.0	64.0	34.0	28.0	8.0
21	-2.0	20.0	14.0	63.0	40.0	34.0	18.0
22	-9.0	30.0	45.0	48.0	41.0	31.0	21.0
23	-5.0	25.0	38.0	46.0	38.0	31.0	20.0
24	0.0	31.0	35.0	40.0	49.0	15.0	25.0
25	-4.0	31.0	42.0	34.0	32.0	12.0	28.0
26	4.0	34.0	38.0	55.0	33.0	20.0	32.0
27	11.0	35.0	43.0	62.0	34.0	20.0	30.0
28	0.0	35.0	46.0	60.0	33.0	20.0	12.0
29	-5.0		48.0	51.0	34.0	25.0	12.0
30	-14.0		38.0	50.0	35.0	30.0	13.0
31	-9.0		35.0		46.0		20.0

1960

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	21.0	20.0	8.0	31.0	54.0	35.0	28.0
2	9.0	28.0	10.0	35.0	51.0	47.0	33.0
3	-15.0	35.0	5.0	41.0	63.0	41.0	37.0
4	-7.0	36.0	10.0	36.0	80.0	36.0	29.0
5	-5.0	29.0	14.0	43.0	62.0	46.0	14.0
6	26.0	22.0	14.0	44.0	71.0	38.0	14.0
7	9.0	40.0	18.0	34.0	74.0	45.0	-2.0
8	10.0	12.0	22.0	26.0	75.0	26.0	32.0
9	10.0	0.0	26.0	39.0	60.0	23.0	33.0
10	21.0	-4.0	25.0	51.0	52.0	29.0	8.0
11	29.0	11.0	26.0	56.0	60.0	24.0	11.0
12	16.0	15.0	20.0	51.0	60.0	26.0	29.0
13	11.0	26.0	21.0	52.0	62.0	30.0	39.0
14	15.0	31.0	22.0	61.0	50.0	40.0	38.0
15	15.0	32.0	31.0	55.0	58.0	40.0	16.0
16	15.0	8.0	31.0	41.0	60.0	30.0	19.0
17	15.0	11.0	38.0	46.0	50.0	31.0	21.0
18	20.0	-5.0	31.0	55.0	35.0	42.0	14.0
19	11.0	8.0	21.0	63.0	30.0	43.0	2.0
20	5.0	10.0	35.0	58.0	45.0	45.0	-2.0
21	4.0	11.0	38.0	64.0	42.0	47.0	1.0
22	7.0	10.0	30.0	51.0	41.0	40.0	6.0
23	7.0	16.0	32.0	46.0	33.0	45.0	26.0
24	6.0	16.0	20.0	47.0	50.0	27.0	29.0
25	-5.0	14.0	33.0	45.0	46.0	53.0	12.0
26	-4.0	15.0	42.0	37.0	50.0	17.0	-9.0
27	20.0	15.0	24.0	44.0	61.0	10.0	22.0
28	0.0	18.0	34.0	46.0	52.0	13.0	22.0
29	23.0	10.0	33.0	32.0	48.0	13.0	27.0
30	30.0		31.0	45.0	40.0	18.0	12.0
31	10.0		35.0		34.0		4.0

1961

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-10.0	-10.0	37.0	26.0	46.0	53.0	31.0
2	-7.0	0.0	30.0	38.0	60.0	26.0	12.0
3	28.0	20.0	16.0	47.0	70.0	27.0	21.0
4	31.0	31.0	17.0	33.0	74.0	31.0	22.0
5	40.0	32.0	34.0	28.0	80.0	35.0	15.0
6	34.0	34.0	30.0	33.0	90.0	44.0	15.0
7	15.0	36.0	36.0	45.0	42.0	29.0	13.0
8	26.0	43.0	26.0	54.0	38.0	48.0	8.0
9	39.0	31.0	31.0	55.0	58.0	42.0	-2.0
10	19.0	31.0	36.0	26.0	54.0	67.0	-3.0
11	26.0	36.0	26.0	31.0	46.0	52.0	0.0
12	31.0	32.0	25.0	50.0	42.0	30.0	3.0
13	14.0	26.0	40.0	45.0	46.0	41.0	-4.0
14	18.0	10.0	34.0	33.0	76.0	44.0	-10.0
15	40.0	17.0	14.0	35.0	80.0	36.0	4.0
16	45.0	6.0	31.0	42.0	86.0	26.0	16.0
17	10.0	-4.0	42.0	48.0	48.0	35.0	14.0
18	15.0	5.0	37.0	62.0	46.0	45.0	-4.0
19	8.0	10.0	38.0	70.0	58.0	43.0	-10.0
20	0.0	26.0	42.0	52.0	48.0	45.0	-1.0
21	-5.0	25.0	35.0	56.0	56.0	32.0	14.0
22	4.0	20.0	44.0	57.0	61.0	34.0	27.0
23	-11.0	10.0	33.0	50.0	46.0	30.0	4.0
24	-8.0	20.0	45.0	56.0	58.0	26.0	24.0
25	-7.0	30.0	49.0	51.0	44.0	30.0	35.0
26	0.0	31.0	36.0	39.0	45.0	20.0	0.0
27	8.0	32.0	28.0	47.0	49.0	25.0	5.0
28	10.0	33.0	24.0	47.0	45.0	30.0	4.0
29	8.0		42.0	38.0	36.0	10.0	10.0
30	10.0		33.0	38.0	52.0	17.0	4.0
31	10.0		28.0		54.0		15.0

1962

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	24.0	34.0	-7.0	30.0	77.0	36.0	37.0
2	43.0	42.0	10.0	33.0	76.0	31.0	40.0
3	31.0	31.0	21.0	38.0	74.0	41.0	36.0
4	-4.0	10.0	22.0	46.0	73.0	25.0	31.0
5	-5.0	-8.0	10.0	51.0	70.0	41.0	12.0
6	15.0	2.0	11.0	26.0	66.0	42.0	19.0
7	5.0	3.0	20.0	36.0	65.0	32.0	32.0
8	-10.0	4.0	30.0	30.0	69.0	40.0	13.0
9	-4.0	6.0	27.0	26.0	65.0	49.0	10.0
10	20.0	24.0	33.0	30.0	70.0	41.0	0.0
11	25.0	26.0	32.0	31.0	53.0	41.0	3.0
12	10.0	27.0	24.0	39.0	54.0	49.0	15.0
13	12.0	30.0	20.0	31.0	66.0	32.0	12.0
14	5.0	27.0	21.0	20.0	66.0	32.0	25.0
15	-10.0	22.0	27.0	36.0	53.0	28.0	31.0
16	-22.0	-3.0	36.0	52.0	49.0	23.0	48.0
17	-14.0	-2.0	34.0	56.0	59.0	32.0	35.0
18	-5.0	11.0	26.0	51.0	63.0	19.0	36.0
19	-2.0	16.0	36.0	48.0	51.0	48.0	4.0
20	0.0	-4.0	25.0	64.0	62.0	52.0	22.0
21	6.0	2.0	32.0	42.0	47.0	26.0	34.0
22	8.0	2.0	38.0	53.0	43.0	41.0	2.0
23	33.0	4.0	30.0	64.0	43.0	41.0	-2.0
24	40.0	10.0	32.0	76.0	38.0	47.0	8.0
25	37.0	6.0	37.0	56.0	39.0	54.0	-6.0
26	2.0	-6.0	44.0	58.0	61.0	58.0	4.0
27	-10.0	-11.0	36.0	61.0	63.0	48.0	16.0
28	-4.0	-10.0	34.0	56.0	56.0	38.0	30.0
29	2.0		27.0	60.0	69.0	33.0	5.0
30	3.0		38.0	61.0	48.0	32.0	10.0
31	2.0		34.0		46.0		22.0

1963

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	22.0	19.0	33.0	21.0	75.0	47.0	26.0
2	40.0	-7.0	23.0	22.0	68.0	52.0	35.0
3	22.0	2.0	18.0	35.0	75.0	60.0	33.0
4	25.0	35.0	30.0	48.0	91.0	56.0	35.0
5	33.0	48.0	39.0	58.0	70.0	55.0	42.0
6	40.0	15.0	31.0	60.0	60.0	53.0	38.0
7	40.0	21.0	35.0	55.0	62.0	51.0	30.0
8	36.0	19.0	16.0	43.0	72.0	50.0	16.0
9	-5.0	20.0	19.0	46.0	80.0	47.0	8.0
10	-6.0	22.0	34.0	51.0	72.0	44.0	7.0
11	-11.0	28.0	36.0	52.0	70.0	41.0	6.0
12	0.0	19.0	5.0	55.0	78.0	33.0	8.0
13	-10.0	6.0	29.0	65.0	78.0	26.0	5.0
14	-12.0	5.0	20.0	76.0	80.0	45.0	-10.0
15	0.0	18.0	41.0	66.0	81.0	45.0	-10.0
16	-5.0	26.0	8.0	50.0	82.0	52.0	0.0
17	-6.0	21.0	20.0	46.0	80.0	44.0	0.0
18	-15.0	11.0	42.0	54.0	76.0	51.0	-4.0
19	0.0	15.0	34.0	50.0	62.0	41.0	-15.0
20	-15.0	-12.0	30.0	36.0	62.0	22.0	-5.0
21	-15.0	7.0	45.0	45.0	65.0	18.0	0.0
22	-22.0	14.0	62.0	42.0	70.0	14.0	20.0
23	-4.0	16.0	67.0	51.0	77.0	12.0	44.0
24	-7.0	8.0	44.0	54.0	62.0	24.0	42.0
25	2.0	15.0	39.0	61.0	65.0	29.0	10.0
26	0.0	35.0	55.0	69.0	59.0	52.0	6.0
27	4.0	18.0	55.0	68.0	56.0	41.0	10.0
28	6.0	23.0	68.0	50.0	55.0	30.0	-5.0
29	4.0		59.0	43.0	48.0	33.0	-2.0
30	6.0		56.0	58.0	59.0	14.0	26.0
31	29.0		73.0		48.0		41.0

1964

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	42.0	24.0	41.0	35.0	60.0	51.0	-3.0
2	38.0	32.0	15.0	39.0	54.0	48.0	-8.0
3	35.0	38.0	40.0	40.0	52.0	47.0	-6.0
4	28.0	43.0	5.0	51.0	44.0	45.0	-4.0
5	27.0	29.0	21.0	35.0	50.0	60.0	20.0
6	22.0	22.0	12.0	34.0	46.0	54.0	26.0
7	21.0	16.0	20.0	40.0	40.0	51.0	22.0
8	18.0	12.0	22.0	47.0	44.0	48.0	32.0
9	-6.0	11.0	28.0	49.0	50.0	52.0	32.0
10	-10.0	25.0	28.0	66.0	60.0	48.0	28.0
11	-4.0	42.0	34.0	61.0	63.0	44.0	30.0
12	11.0	22.0	44.0	50.0	68.0	38.0	12.0
13	21.0	32.0	45.0	39.0	84.0	34.0	7.0
14	28.0	30.0	34.0	54.0	84.0	32.0	4.0
15	29.0	23.0	42.0	64.0	72.0	29.0	7.0
16	32.0	38.0	6.0	68.0	62.0	40.0	-2.0
17	30.0	34.0	5.0	40.0	52.0	33.0	-6.0
18	10.0	20.0	22.0	52.0	44.0	21.0	1.0
19	22.0	10.0	20.0	56.0	50.0	12.0	-6.0
20	36.0	11.0	21.0	70.0	65.0	6.0	6.0
21	21.0	34.0	18.0	46.0	44.0	15.0	-2.0
22	7.0	-5.0	25.0	50.0	42.0	36.0	-2.0
23	-4.0	10.0	20.0	54.0	63.0	20.0	-4.0
24	-2.0	12.0	5.0	71.0	62.0	40.0	-8.0
25	2.0	10.0	9.0	77.0	63.0	14.0	-2.0
26	10.0	12.0	15.0	62.0	54.0	6.0	-6.0
27	2.0	20.0	18.0	60.0	50.0	14.0	20.0
28	10.0	41.0	20.0	44.0	42.0	2.0	21.0
29	24.0	40.0	18.0	57.0	60.0	3.0	12.0
30	42.0		28.0	58.0	61.0	2.0	0.0
31	34.0		30.0		50.0		4.0

1965

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	-5.0	10.0	38.0	77.0	58.0	31.0
2	18.0	0.0	7.0	36.0	48.0	70.0	30.0
3	15.0	-3.0	10.0	35.0	51.0	45.0	42.0
4	8.0	5.0	32.0	36.0	61.0	39.0	47.0
5	0.0	7.0	35.0	34.0	60.0	40.0	30.0
6	10.0	21.0	38.0	34.0	61.0	35.0	30.0
7	-4.0	-2.0	38.0	44.0	62.0	30.0	41.0
8	-9.0	23.0	20.0	42.0	58.0	26.0	37.0
9	-12.0	30.0	27.0	40.0	60.0	34.0	31.0
10	0.0	10.0	36.0	36.0	60.0	28.0	27.0
11	0.0	8.0	33.0	35.0	51.0	36.0	22.0
12	-12.0	5.0	32.0	52.0	54.0	28.0	24.0
13	-8.0	24.0	30.0	60.0	55.0	16.0	20.0
14	-7.0	25.0	32.0	61.0	50.0	25.0	16.0
15	10.0	4.0	15.0	37.0	65.0	26.0	21.0
16	35.0	30.0	8.0	45.0	68.0	20.0	16.0
17	21.0	24.0	5.0	51.0	69.0	25.0	21.0
18	29.0	14.0	8.0	48.0	61.0	23.0	22.0
19	19.0	43.0	10.0	44.0	50.0	24.0	23.0
20	31.0	11.0	4.0	52.0	54.0	26.0	35.0
21	21.0	-4.0	20.0	37.0	62.0	29.0	36.0
22	-6.0	-5.0	4.0	42.0	53.0	24.0	28.0
23	14.0	1.0	6.0	45.0	44.0	25.0	24.0
24	21.0	6.0	16.0	48.0	69.0	22.0	10.0
25	7.0	10.0	20.0	62.0	55.0	24.0	25.0
26	-8.0	41.0	25.0	37.0	56.0	21.0	9.0
27	-18.0	21.0	20.0	58.0	47.0	16.0	-4.0
28	-13.0	26.0	20.0	78.0	58.0	10.0	10.0
29	-10.0		22.0	60.0	64.0	16.0	16.0
30	2.0		32.0	68.0	56.0	37.0	-2.0
31	-2.0		33.0		53.0		2.0

1966

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	4.0	9.0	23.0	51.0	53.0	22.0	-2.0
2	-5.0	14.0	20.0	50.0	57.0	25.0	6.0
3	2.0	0.0	16.0	35.0	52.0	33.0	24.0
4	-8.0	16.0	13.0	34.0	62.0	33.0	23.0
5	-10.0	15.0	10.0	42.0	67.0	21.0	32.0
6	-20.0	36.0	15.0	36.0	81.0	20.0	29.0
7	-5.0	26.0	28.0	37.0	74.0	18.0	6.0
8	6.0	36.0	37.0	34.0	70.0	18.0	0.0
9	6.0	20.0	30.0	36.0	70.0	21.0	-2.0
10	-10.0	16.0	34.0	44.0	65.0	18.0	2.0
11	10.0	28.0	43.0	51.0	67.0	14.0	8.0
12	10.0	21.0	40.0	51.0	58.0	24.0	35.0
13	7.0	8.0	43.0	50.0	41.0	26.0	20.0
14	-6.0	-2.0	40.0	56.0	42.0	21.0	32.0
15	-4.0	-4.0	35.0	55.0	45.0	26.0	34.0
16	-4.0	-6.0	37.0	60.0	48.0	22.0	35.0
17	6.0	-18.0	35.0	34.0	62.0	16.0	31.0
18	8.0	-17.0	28.0	37.0	53.0	24.0	30.0
19	11.0	-16.0	34.0	35.0	52.0	32.0	31.0
20	-11.0	-8.0	47.0	39.0	61.0	35.0	12.0
21	-15.0	6.0	41.0	46.0	58.0	42.0	-5.0
22	-15.0	16.0	21.0	58.0	42.0	34.0	12.0
23	-19.0	27.0	18.0	68.0	40.0	15.0	25.0
24	-13.0	22.0	24.0	52.0	47.0	36.0	10.0
25	2.0	24.0	27.0	40.0	55.0	40.0	-2.0
26	-18.0	31.0	31.0	40.0	54.0	34.0	0.0
27	-23.0	37.0	35.0	34.0	42.0	17.0	12.0
28	-22.0	30.0	48.0	35.0	39.0	28.0	21.0
29	-12.0		54.0	37.0	35.0	34.0	18.0
30	0.0		53.0	31.0	55.0	-3.0	20.0
31	8.0		54.0		29.0		15.0

1967

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	30.0	10.0	45.0	30.0	72.0	46.0	29.0
2	16.0	35.0	22.0	27.0	60.0	40.0	40.0
3	12.0	41.0	23.0	40.0	59.0	34.0	45.0
4	4.0	-5.0	30.0	48.0	54.0	24.0	39.0
5	4.0	-13.0	26.0	30.0	47.0	32.0	37.0
6	-3.0	-2.0	12.0	37.0	51.0	26.0	31.0
7	5.0	16.0	10.0	60.0	45.0	45.0	33.0
8	35.0	15.0	30.0	65.0	44.0	49.0	31.0
9	15.0	32.0	32.0	24.0	40.0	40.0	30.0
10	25.0	-4.0	7.0	40.0	46.0	43.0	31.0
11	40.0	5.0	12.0	52.0	53.0	32.0	31.0
12	37.0	22.0	13.0	62.0	52.0	33.0	22.0
13	22.0	32.0	12.0	46.0	58.0	35.0	10.0
14	5.0	-17.0	18.0	44.0	60.0	23.0	15.0
15	6.0	-12.0	18.0	52.0	57.0	35.0	31.0
16	-12.0	-12.0	12.0	42.0	55.0	46.0	32.0
17	-5.0	-6.0	14.0	34.0	47.0	37.0	33.0
18	6.0	-5.0	30.0	41.0	46.0	31.0	14.0
19	0.0	6.0	28.0	53.0	59.0	34.0	4.0
20	5.0	10.0	36.0	42.0	43.0	25.0	0.0
21	15.0	15.0	34.0	24.0	51.0	27.0	-1.0
22	5.0	22.0	41.0	27.0	66.0	38.0	5.0
23	-4.0	-2.0	39.0	31.0	57.0	37.0	15.0
24	2.0	5.0	39.0	42.0	40.0	33.0	16.0
25	0.0	15.0	40.0	48.0	37.0	29.0	6.0
26	6.0	32.0	41.0	52.0	35.0	12.0	2.0
27	20.0	26.0	47.0	55.0	30.0	10.0	6.0
28	12.0	35.0	37.0	44.0	30.0	10.0	16.0
29	21.0		44.0	41.0	41.0	21.0	12.0
30	31.0		46.0	42.0	48.0	31.0	-17.0
31	10.0		25.0		61.0		-17.0

1968

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-18.0	3.0	40.0	34.0	57.0	42.0	35.0
2	-10.0	15.0	30.0	30.0	47.0	50.0	33.0
3	-10.0	34.0	41.0	31.0	48.0	46.0	37.0
4	-22.0	18.0	34.0	34.0	56.0	35.0	30.0
5	-17.0	20.0	35.0	40.0	58.0	26.0	10.0
6	-22.0	20.0	39.0	41.0	66.0	25.0	7.0
7	-12.0	28.0	54.0	46.0	46.0	29.0	10.0
8	-10.0	13.0	40.0	48.0	45.0	29.0	20.0
9	-6.0	0.0	26.0	49.0	51.0	29.0	29.0
10	15.0	6.0	15.0	68.0	54.0	29.0	20.0
11	20.0	10.0	16.0	82.0	53.0	32.0	17.0
12	-8.0	10.0	26.0	45.0	65.0	32.0	10.0
13	12.0	21.0	25.0	40.0	72.0	35.0	5.0
14	10.0	20.0	31.0	53.0	53.0	44.0	2.0
15	17.0	22.0	41.0	68.0	47.0	40.0	18.0
16	33.0	-5.0	50.0	62.0	45.0	34.0	19.0
17	30.0	5.0	50.0	48.0	41.0	31.0	20.0
18	33.0	10.0	26.0	58.0	37.0	20.0	16.0
19	40.0	2.0	20.0	54.0	50.0	24.0	12.0
20	44.0	-3.0	21.0	44.0	51.0	46.0	13.0
21	46.0	-9.0	20.0	54.0	50.0	45.0	16.0
22	22.0	-4.0	28.0	48.0	54.0	41.0	12.0
23	41.0	19.0	55.0	40.0	44.0	33.0	2.0
24	40.0	26.0	58.0	45.0	57.0	31.0	-8.0
25	36.0	29.0	57.0	55.0	58.0	32.0	6.0
26	3.0	29.0	59.0	64.0	54.0	30.0	10.0
27	10.0	29.0	58.0	69.0	37.0	43.0	8.0
28	10.0	20.0	58.0	74.0	42.0	16.0	10.0
29	2.0	40.0	54.0	70.0	48.0	42.0	-8.0
30	10.0		44.0	80.0	54.0	51.0	-9.0
31	2.0		40.0		62.0		-10.0

1969

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-4.0	-6.0	32.0	31.0	52.0	41.0	61.0
2	-2.0	-10.0	31.0	30.0	51.0	35.0	44.0
3	-2.0	-6.0	29.0	35.0	55.0	44.0	25.0
4	13.0	4.0	22.0	40.0	54.0	58.0	28.0
5	20.0	5.0	21.0	46.0	48.0	55.0	36.0
6	10.0	8.0	16.0	47.0	47.0	59.0	30.0
7	8.0	6.0	15.0	45.0	46.0	53.0	31.0
8	-5.0	5.0	21.0	47.0	58.0	44.0	26.0
9	-10.0	24.0	20.0	46.0	50.0	43.0	24.0
10	-12.0	26.0	22.0	50.0	38.0	45.0	23.0
11	-6.0	6.0	27.0	58.0	42.0	39.0	24.0
12	5.0	8.0	21.0	65.0	40.0	22.0	25.0
13	12.0	11.0	26.0	68.0	43.0	17.0	23.0
14	26.0	23.0	27.0	70.0	40.0	29.0	26.0
15	29.0	25.0	25.0	68.0	36.0	27.0	27.0
16	10.0	27.0	29.0	51.0	46.0	21.0	30.0
17	1.0	21.0	33.0	61.0	47.0	14.0	34.0
18	1.0	21.0	30.0	63.0	53.0	16.0	22.0
19	-6.0	20.0	36.0	68.0	52.0	16.0	16.0
20	0.0	15.0	38.0	66.0	35.0	18.0	17.0
21	-2.0	27.0	37.0	61.0	31.0	38.0	6.0
22	-4.0	32.0	44.0	61.0	34.0	26.0	4.0
23	-10.0	32.0	41.0	63.0	49.0	38.0	16.0
24	-5.0	35.0	31.0	67.0	34.0	44.0	18.0
25	-8.0	32.0	29.0	72.0	31.0	26.0	14.0
26	12.0	27.0	31.0	40.0	33.0	20.0	10.0
27	20.0	25.0	29.0	37.0	38.0	42.0	12.0
28	-15.0	32.0	5.0	51.0	48.0	35.0	14.0
29	-4.0		11.0	61.0	41.0	44.0	18.0
30	-4.0		18.0	69.0	43.0	48.0	17.0
31	-14.0		22.0		51.0		18.0

1970

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	14.0	3.0	14.0	28.0	62.0	39.0	34.0
2	6.0	-12.0	28.0	35.0	55.0	36.0	6.0
3	4.0	0.0	22.0	34.0	56.0	40.0	10.0
4	0.0	21.0	17.0	38.0	72.0	46.0	16.0
5	2.0	22.0	20.0	49.0	74.0	56.0	1.0
6	0.0	33.0	17.0	41.0	43.0	34.0	10.0
7	-4.0	24.0	4.0	45.0	42.0	36.0	24.0
8	4.0	31.0	11.0	37.0	41.0	45.0	10.0
9	3.0	39.0	13.0	32.0	36.0	44.0	6.0
10	20.0	7.0	17.0	36.0	39.0	37.0	9.0
11	8.0	15.0	18.0	40.0	52.0	35.0	29.0
12	-4.0	-6.0	24.0	38.0	59.0	33.0	26.0
13	-6.0	5.0	28.0	41.0	46.0	32.0	2.0
14	-3.0	4.0	26.0	39.0	46.0	35.0	14.0
15	-6.0	6.0	29.0	38.0	58.0	41.0	10.0
16	-15.0	20.0	30.0	39.0	65.0	36.0	12.0
17	-20.0	8.0	32.0	45.0	59.0	32.0	10.0
18	-8.0	6.0	40.0	46.0	57.0	33.0	2.0
19	-6.0	10.0	39.0	35.0	59.0	27.0	-4.0
20	-5.0	33.0	44.0	36.0	60.0	26.0	-8.0
21	8.0	44.0	34.0	38.0	65.0	12.0	-3.0
22	18.0	40.0	24.0	39.0	62.0	13.0	4.0
23	22.0	41.0	35.0	44.0	62.0	12.0	10.0
24	20.0	20.0	31.0	50.0	60.0	38.0	10.0
25	20.0	33.0	24.0	56.0	61.0	34.0	34.0
26	26.0	12.0	18.0	58.0	53.0	16.0	14.0
27	26.0	16.0	12.0	52.0	43.0	26.0	-8.0
28	15.0	14.0	16.0	42.0	45.0	31.0	-4.0
29	22.0		20.0	51.0	40.0	34.0	12.0
30	36.0		26.0	41.0	41.0	31.0	32.0
31	34.0		16.0		40.0		31.0

1971

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	16.0	1.0	22.0	20.0	57.0	33.0	29.0
2	20.0	-3.0	32.0	21.0	56.0	35.0	34.0
3	7.0	8.0	34.0	24.0	55.0	30.0	30.0
4	-3.0	18.0	41.0	36.0	61.0	40.0	31.0
5	4.0	8.0	22.0	41.0	64.0	23.0	28.0
6	9.0	0.0	13.0	46.0	65.0	22.0	21.0
7	6.0	-4.0	18.0	48.0	56.0	16.0	1.0
8	4.0	16.0	26.0	51.0	59.0	35.0	10.0
9	3.0	24.0	26.0	53.0	60.0	42.0	25.0
10	-11.0	23.0	31.0	68.0	58.0	44.0	16.0
11	-8.0	8.0	33.0	53.0	56.0	44.0	2.0
12	-6.0	7.0	39.0	40.0	60.0	37.0	6.0
13	0.0	29.0	37.0	42.0	54.0	34.0	10.0
14	-12.0	36.0	33.0	56.0	52.0	35.0	22.0
15	-4.0	35.0	30.0	72.0	38.0	40.0	24.0
16	-2.0	43.0	30.0	54.0	35.0	37.0	5.0
17	-1.0	36.0	38.0	61.0	42.0	34.0	12.0
18	0.0	16.0	36.0	58.0	65.0	31.0	18.0
19	34.0	22.0	38.0	46.0	50.0	38.0	17.0
20	24.0	27.0	31.0	53.0	61.0	24.0	20.0
21	31.0	30.0	21.0	58.0	58.0	22.0	12.0
22	8.0	34.0	24.0	63.0	60.0	30.0	18.0
23	2.0	38.0	21.0	59.0	64.0	34.0	17.0
24	0.0	36.0	22.0	46.0	62.0	25.0	-4.0
25	-8.0	43.0	32.0	41.0	58.0	26.0	-5.0
26	-3.0	29.0	31.0	46.0	67.0	23.0	-5.0
27	-1.0	20.0	34.0	47.0	41.0	17.0	10.0
28	0.0	22.0	34.0	48.0	35.0	4.0	18.0
29	-10.0		33.0	53.0	34.0	8.0	11.0
30	-11.0		38.0	55.0	27.0	4.0	22.0
31	-6.0		37.0		32.0		35.0

1972

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	27.0	2.0	-5.0	36.0	71.0	31.0	-8.0
2	20.0	10.0	0.0	35.0	70.0	31.0	-5.0
3	-2.0	0.0	5.0	20.0	72.0	36.0	-2.0
4	8.0	2.0	6.0	26.0	62.0	38.0	-3.0
5	20.0	-5.0	7.0	31.0	58.0	35.0	-6.0
6	25.0	-6.0	33.0	30.0	59.0	31.0	-8.0
7	35.0	5.0	7.0	31.0	68.0	26.0	-7.0
8	32.0	-3.0	15.0	47.0	56.0	28.0	-4.0
9	-5.0	3.0	12.0	50.0	49.0	30.0	-4.0
10	10.0	20.0	36.0	41.0	57.0	31.0	5.0
11	4.0	37.0	29.0	42.0	39.0	30.0	11.0
12	-5.0	36.0	36.0	44.0	44.0	30.0	9.0
13	-22.0	40.0	43.0	46.0	46.0	28.0	7.0
14	-26.0	5.0	40.0	56.0	50.0	22.0	8.0
15	13.0	8.0	48.0	60.0	60.0	28.0	4.0
16	41.0	20.0	46.0	52.0	35.0	30.0	12.0
17	34.0	20.0	35.0	46.0	29.0	23.0	24.0
18	-5.0	10.0	36.0	51.0	35.0	27.0	15.0
19	-6.0	20.0	35.0	50.0	53.0	25.0	16.0
20	-10.0	21.0	44.0	60.0	54.0	26.0	15.0
21	5.0	8.0	31.0	57.0	48.0	28.0	25.0
22	3.0	4.0	29.0	43.0	46.0	34.0	20.0
23	-6.0	4.0	36.0	47.0	46.0	41.0	8.0
24	-10.0	6.0	35.0	59.0	47.0	45.0	11.0
25	-23.0	10.0	38.0	59.0	60.0	30.0	20.0
26	-13.0	8.0	37.0	60.0	40.0	29.0	38.0
27	-6.0	5.0	31.0	64.0	31.0	14.0	31.0
28	0.0	10.0	32.0	67.0	31.0	12.0	23.0
29	4.0	9.0	34.0	70.0	28.0	26.0	14.0
30	14.0		34.0	70.0	29.0	17.0	6.0
31	20.0		36.0		27.0		10.0

1973

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	18.0	29.0	33.0	57.0	77.0	44.0	31.0
2	20.0	42.0	42.0	57.0	61.0	30.0	28.0
3	6.0	33.0	41.0	53.0	55.0	28.0	21.0
4	-6.0	18.0	44.0	59.0	65.0	22.0	6.0
5	-12.0	22.0	36.0	53.0	65.0	12.0	7.0
6	-6.0	4.0	37.0	33.0	77.0	27.0	26.0
7	-6.0	20.0	33.0	36.0	60.0	22.0	36.0
8	1.0	20.0	34.0	39.0	60.0	20.0	34.0
9	7.0	13.0	39.0	39.0	54.0	24.0	10.0
10	14.0	18.0	51.0	51.0	55.0	33.0	16.0
11	20.0	26.0	39.0	50.0	50.0	27.0	15.0
12	30.0	13.0	46.0	56.0	54.0	28.0	-2.0
13	38.0	5.0	44.0	73.0	59.0	37.0	-10.0
14	35.0	-14.0	38.0	59.0	55.0	28.0	2.0
15	44.0	-10.0	35.0	35.0	55.0	25.0	-4.0
16	31.0	20.0	35.0	47.0	48.0	26.0	5.0
17	24.0	26.0	40.0	56.0	51.0	32.0	17.0
18	15.0	41.0	35.0	52.0	59.0	27.0	7.0
19	12.0	29.0	35.0	68.0	62.0	27.0	7.0
20	20.0	20.0	39.0	64.0	74.0	12.0	6.0
21	30.0	39.0	51.0	52.0	72.0	18.0	35.0
22	22.0	41.0	54.0	32.0	73.0	16.0	18.0
23	41.0	15.0	50.0	39.0	65.0	20.0	23.0
24	50.0	21.0	54.0	44.0	52.0	27.0	26.0
25	38.0	26.0	60.0	51.0	47.0	33.0	23.0
26	22.0	31.0	64.0	50.0	35.0	35.0	24.0
27	14.0	21.0	41.0	50.0	42.0	22.0	15.0
28	27.0	24.0	33.0	53.0	47.0	38.0	7.0
29	22.0		37.0	57.0	55.0	38.0	-10.0
30	22.0		51.0	55.0	48.0	26.0	-14.0
31	27.0		56.0		46.0		-18.0

1974

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-21.0	-8.0	37.0	35.0	42.0	34.0	30.0
2	-15.0	-9.0	26.0	39.0	61.0	34.0	27.0
3	.7.0	-8.0	20.0	37.0	69.0	33.0	28.0
4	0.0	6.0	28.0	36.0	52.0	36.0	30.0
5	2.0	13.0	38.0	37.0	46.0	44.0	30.0
6	-5.0	10.0	22.0	22.0	39.0	54.0	39.0
7	-18.0	10.0	25.0	26.0	52.0	58.0	8.0
8	-4.0	12.0	28.0	37.0	55.0	54.0	27.0
9	-9.0	31.0	26.0	47.0	80.0	51.0	44.0
10	-10.0	31.0	40.0	41.0	74.0	54.0	42.0
11	-11.0	36.0	30.0	41.0	46.0	36.0	26.0
12	-4.0	4.0	37.0	35.0	55.0	29.0	12.0
13	15.0	-8.0	36.0	41.0	59.0	30.0	30.0
14	-8.0	-1.0	28.0	46.0	48.0	31.0	24.0
15	-6.0	28.0	10.0	45.0	56.0	29.0	23.0
16	12.0	36.0	11.0	54.0	70.0	41.0	20.0
17	30.0	35.0	27.0	53.0	55.0	41.0	23.0
18	21.0	33.0	20.0	56.0	56.0	41.0	25.0
19	18.0	28.0	18.0	64.0	52.0	38.0	23.0
20	22.0	19.0	21.0	44.0	60.0	31.0	20.0
21	22.0	20.0	12.0	38.0	61.0	31.0	21.0
22	12.0	8.0	-5.0	42.0	52.0	31.0	20.0
23	10.0	9.0	-5.0	52.0	64.0	29.0	22.0
24	7.0	21.0	12.0	65.0	61.0	21.0	21.0
25	18.0	22.0	22.0	67.0	62.0	30.0	36.0
26	10.0	43.0	22.0	76.0	75.0	36.0	35.0
27	19.0	30.0	24.0	58.0	70.0	23.0	35.0
28	3.0	10.0	33.0	41.0	62.0	18.0	34.0
29	2.0		41.0	56.0	56.0	17.0	29.0
30	-10.0		28.0	57.0	56.0	23.0	26.0
31	-9.0		36.0		41.0		28.0

1975

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	14.0	5.0	17.0	24.0	58.0	61.0	-6.0
2	33.0	0.0	17.0	23.0	80.0	53.0	12.0
3	22.0	16.0	19.0	26.0	74.0	61.0	22.0
4	23.0	24.0	34.0	35.0	76.0	71.0	45.0
5	18.0	1.0	21.0	34.0	68.0	76.0	13.0
6	20.0	9.0	26.0	35.0	76.0	65.0	20.0
7	22.0	-2.0	12.0	42.0	65.0	45.0	25.0
8	24.0	-2.0	13.0	36.0	76.0	43.0	30.0
9	28.0	7.0	13.0	43.0	46.0	42.0	38.0
10	32.0	3.0	17.0	44.0	43.0	38.0	5.0
11	-11.0	6.0	25.0	49.0	45.0	36.0	7.0
12	-3.0	-5.0	16.0	48.0	50.0	35.0	20.0
13	7.0	4.0	29.0	54.0	53.0	33.0	-2.0
14	17.0	12.0	37.0	48.0	36.0	51.0	-6.0
15	17.0	12.0	39.0	48.0	46.0	60.0	4.0
16	10.0	22.0	39.0	50.0	53.0	52.0	-4.0
17	26.0	21.0	42.0	41.0	59.0	45.0	0.0
18	5.0	26.0	48.0	35.0	69.0	43.0	34.0
19	17.0	39.0	30.0	35.0	60.0	35.0	34.0
20	37.0	35.0	40.0	46.0	62.0	31.0	29.0
21	0.0	30.0	35.0	56.0	55.0	30.0	32.0
22	26.0	29.0	24.0	60.0	51.0	18.0	26.0
23	29.0	27.0	20.0	61.0	50.0	11.0	25.0
24	28.0	41.0	21.0	63.0	46.0	15.0	23.0
25	14.0	32.0	22.0	63.0	40.0	15.0	21.0
26	10.0	30.0	29.0	45.0	44.0	18.0	26.0
27	10.0	22.0	29.0	48.0	36.0	13.0	29.0
28	2.0	17.0	21.0	42.0	40.0	20.0	36.0
29	-4.0		16.0	52.0	41.0	14.0	25.0
30	9.0		15.0	43.0	56.0	9.0	22.0
31	5.0		19.0		41.0		22.0

1976

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	9.0	14.0	49.0	75.0	53.0	4.0
2	1.0	19.0	20.0	42.0	75.0	48.0	4.0
3	-2.0	1.0	6.0	45.0	84.0	30.0	24.0
4	6.0	2.0	11.0	53.0	42.0	42.0	18.0
5	4.0	4.0	17.0	58.0	43.0	55.0	18.0
6	-16.0	35.0	28.0	60.0	43.0	32.0	-3.0
7	-13.0	40.0	24.0	56.0	47.0	30.0	-1.0
8	-5.0	42.0	22.0	67.0	55.0	52.0	-8.0
9	5.0	43.0	14.0	70.0	59.0	33.0	-1.0
10	10.0	16.0	17.0	45.0	69.0	21.0	36.0
11	20.0	19.0	16.0	54.0	69.0	22.0	26.0
12	20.0	21.0	22.0	70.0	65.0	33.0	6.0
13	20.0	28.0	29.0	72.0	59.0	41.0	39.0
14	3.0	41.0	23.0	62.0	50.0	44.0	40.0
15	10.0	34.0	28.0	65.0	34.0	46.0	31.0
16	4.0	32.0	19.0	53.0	41.0	47.0	41.0
17	28.0	34.0	39.0	54.0	42.0	51.0	37.0
18	37.0	27.0	48.0	35.0	42.0	46.0	36.0
19	25.0	16.0	44.0	53.0	48.0	43.0	6.0
20	35.0	14.0	17.0	47.0	40.0	34.0	10.0
21	26.0	20.0	26.0	56.0	34.0	26.0	27.0
22	12.0	32.0	45.0	56.0	33.0	20.0	8.0
23	18.0	41.0	41.0	59.0	32.0	28.0	26.0
24	20.0	44.0	32.0	60.0	33.0	41.0	22.0
25	5.0	41.0	34.0	61.0	32.0	42.0	12.0
26	3.0	30.0	37.0	59.0	34.0	8.0	13.0
27	41.0	15.0	39.0	57.0	42.0	1.0	-1.0
28	28.0	5.0	41.0	61.0	65.0	11.0	-5.0
29	23.0	-1.0	49.0	66.0	60.0	5.0	-1.0
30	34.0		42.0	58.0	48.0	11.0	0.0
31	40.0		42.0		52.0		4.0

1977

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	21.0	30.0	42.1	60.1	64.0	28.0
2	10.0	20.0	30.9	44.1	63.0	66.0	10.0
3	10.0	23.0	28.9	44.1	66.0	48.0	-2.0
4	-0.4	77.0	28.0	37.0	53.1	55.0	5.0
5	-0.9	3.9	35.1	33.1	54.0	52.0	1.9
6	1.9	18.0	39.9	60.1	48.9	55.0	-0.9
7	-2.0	35.1	48.0	43.0	46.0	57.9	-7.1
8	-11.0	45.0	55.9	62.1	48.9	39.9	-16.1
9	-9.0	44.1	51.1	80.1	54.0	32.0	-15.0
10	-8.0	42.1	39.9	66.9	57.0	41.0	-4.0
11	-6.0	44.1	35.1	64.9	48.0	35.1	10.0
12	-6.0	34.0	34.0	64.9	66.9	37.0	14.0
13	-0.9	23.0	35.1	69.1	69.1	46.0	17.1
14	-5.1	17.1	41.0	66.0	59.0	39.0	21.0
15	-16.1	30.0	35.1	73.9	60.1	42.1	26.1
16	-4.0	39.0	36.0	51.1	72.0	36.0	32.0
17	5.0	26.1	37.9	75.9	57.9	30.9	33.1
18	17.1	21.9	37.0	64.0	64.0	32.0	34.0
19	30.9	24.1	37.2	57.9	77.0	24.1	15.1
20	28.0	28.9	25.0	64.0	60.1	21.0	10.9
21	26.1	34.0	41.0	57.9	57.9	10.0	12.0
22	33.1	28.9	21.9	64.0	55.9	12.9	10.0
23	33.1	23.0	30.9	61.0	60.1	8.1	10.9
24	25.0	19.9	45.0	62.1	61.0	-2.0	-5.1
25	21.0	21.0	2.1	81.0	75.9	10.0	3.0
26	6.1	28.9	44.1	84.0	60.1	10.9	1.0
27	-13.0	21.0	62.1	61.0	61.0	19.0	19.9
28	-0.9	27.0	63.0	70.0	64.9	24.1	10.0
29	5.0		42.1	80.1	60.1	37.9	8.1
30	8.1		45.0	86.0	61.0	28.9	3.9
31	15.1		50.0		57.9		5.0

1978

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	5.0	-4.0	14.0	32.0	68.9	59.0	3.2
2	10.0	-0.4	10.9	32.0	72.5	69.8	5.0
3	17.1	6.1	14.0	39.9	50.9	55.4	32.0
4	14.0	-6.0	18.0	39.0	62.6	59.0	34.7
5	-0.9	-9.9	15.1	41.0	50.0	44.6	11.3
6	3.0	11.9	18.0	46.0	50.9	48.2	-1.3
7	0.0	3.9	24.1	34.0	60.8	61.7	-0.4
8	-8.0	10.0	39.9	39.9	61.7	50.0	-2.2
9	-9.0	16.0	37.9	54.0	64.4	35.6	-0.4
10	1.9	19.0	44.1	42.1	77.9	25.7	24.8
11	15.1	8.1	32.0	39.9	60.8	24.8	29.3
12	3.9	12.0	18.0	35.1	45.5	23.9	32.0
13	5.0	14.0	25.0	39.9	49.1	28.4	32.0
14	10.0	10.9	30.0	48.9	46.4	28.4	30.2
15	-5.1	12.0	30.9	48.0	46.4	25.7	30.2
16	-8.0	14.0	30.0	54.0	59.0	28.4	29.3
17	-5.1	16.0	30.0	57.9	50.0	23.0	24.8
18	-9.9	19.0	42.1	57.9	66.2	14.0	21.2
19	1.0	21.0	35.1	30.0	74.3	5.0	24.8
20	3.0	21.9	44.1	41.0	71.6	3.2	21.2
21	10.0	28.0	46.9	55.9	47.3	9.5	32.0
22	33.1	36.0	39.0	61.0	46.4	14.9	12.2
23	30.9	32.0	19.9	61.0	64.4	23.0	-5.8
24	25.0	28.0	35.1	64.9	57.2	28.4	8.6
25	-5.1	10.9	42.1	63.0	41.0	22.1	14.0
26	-11.9	18.0	46.0	70.0	45.5	14.0	5.0
27	-2.9	16.0	48.0	73.0	46.4	5.0	-4.0
28	3.0	15.1	39.9	77.0	41.9	11.3	21.2
29	1.0		39.0	62.1	51.8	3.2	2.3
30	10.0		46.0	64.0	44.6	-0.4	-4.9
31	3.0		44.1		59.0		-11.2

1979

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-5.8	-0.4	17.6	23.0	61.7	35.6	23.0
2	4.1	-5.8	10.4	25.7	59.9	36.5	48.2
3	4.1	-7.6	26.6	32.0	53.6	37.4	36.5
4	7.7	-7.6	32.0	32.0	68.0	39.2	41.0
5	5.0	-2.2	35.6	12.2	59.9	37.4	34.7
6	5.0	-9.4	32.0	21.2	62.6	39.2	32.0
7	6.8	-5.8	15.8	32.9	53.6	23.0	35.6
8	14.0	-2.2	23.0	35.6	46.4	22.1	19.4
9	-13.0	-2.2	21.4	34.7	52.7	23.0	24.8
10	-10.3	-0.4	28.4	38.3	49.1	16.7	24.8
11	-7.6	-4.0	24.8	41.0	40.1	23.0	-2.2
12	-13.0	-3.1	27.5	35.6	40.1	33.8	23.0
13	-6.7	1.4	17.6	41.0	43.7	24.8	35.0
14	-8.5	1.4	14.0	44.6	71.6	40.1	33.8
15	-8.5	-13.0	32.0	42.8	73.4	42.8	-2.2
16	-11.2	-13.0	36.5	42.8	58.1	50.9	11.4
17	-1.3	0.5	39.2	48.2	59.0	50.9	14.0
18	16.7	10.4	35.6	48.2	59.9	50.0	29.3
19	24.8	19.4	28.4	41.0	46.4	44.6	39.2
20	23.9	15.8	28.4	48.2	49.1	41.0	40.1
21	23.0	14.0	37.4	51.8	41.0	42.8	39.2
22	2.3	13.1	42.8	50.0	35.6	41.0	26.6
23	3.2	4.1	24.8	46.4	41.0	28.4	23.0
24	5.0	5.0	23.0	37.4	39.2	24.8	25.7
25	17.6	21.2	19.4	44.6	44.6	23.9	28.4
26	22.1	23.0	23.9	46.4	50.9	23.0	37.4
27	1.4	18.5	23.0	48.2	59.9	21.2	39.2
28	5.0	1.4	26.6	48.2	59.0	20.3	39.2
29	5.9		26.6	35.6	44.6	23.0	40.1
30	4.1		33.8	44.6	41.0	21.2	36.5
31	3.2		26.6		37.4		39.2

1980

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	23.0	3.2	25.7	43.7	67.1	39.2	10.4
2	19.4	6.8	24.8	44.6	50.0	62.6	8.6
3	6.8	14.0	12.2	50.0	59.0	55.4	23.0
4	15.8	19.4	6.8	53.6	59.0	50.0	32.0
5	9.5	28.4	14.0	60.8	70.7	59.0	23.0
6	5.0	24.8	16.7	69.8	73.4	48.2	14.0
7	-5.8	19.4	18.5	40.1	82.4	28.4	10.4
8	-8.5	21.2	24.8	41.9	68.9	35.6	14.0
9	-4.0	32.0	28.4	48.2	67.1	26.6	0.4
10	-1.3	17.6	10.4	47.3	41.9	28.4	0.4
11	-0.4	14.0	15.8	46.4	41.0	41.0	32.0
12	38.3	21.2	26.6	46.4	45.5	33.8	39.2
13	40.1	14.0	23.0	55.4	42.8	40.1	19.4
14	19.4	10.4	20.3	61.7	41.0	42.8	28.4
15	34.7	12.2	34.7	52.7	42.8	42.8	24.8
16	23.0	13.1	27.5	65.3	41.9	33.8	42.8
17	17.6	23.0	28.4	75.2	35.6	39.2	32.0
18	17.6	22.1	30.2	88.7	44.6	49.1	-9.4
19	19.4	15.8	41.0	72.5	47.3	46.4	-4.0
20	24.8	10.4	30.2	92.3	53.6	41.0	5.0
21	26.6	9.5	31.1	98.6	41.0	44.6	5.0
22	1.4	12.2	30.2	60.8	37.4	44.6	8.6
23	14.0	11.3	33.8	64.4	38.3	27.5	-0.4
24	10.4	19.4	38.3	62.6	37.4	41.0	5.0
25	-8.5	23.9	41.0	70.7	37.4	31.1	6.8
26	1.4	25.7	37.4	74.3	41.0	41.0	19.4
27	1.4	-5.8	40.1	78.8	37.4	40.1	50.0
28	-5.8	-7.6	40.1	82.4	43.7	38.3	24.8
29	-4.0	-7.6	46.4	81.5	46.4	41.0	26.6
30	-2.2		51.8	81.5	56.3	28.4	39.2
31	5.0		46.4		41.9		38.3

1981

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	16.7	3.2	24.8	48.2	53.6	64.4	26.6
2	-4.0	5.0	30.2	51.8	59.0	58.1	28.4
3	-2.2	9.5	38.3	43.7	50.0	66.2	32.9
4	23.0	23.9	29.3	44.6	51.8	67.1	32.0
5	26.6	24.8	28.4	57.2	53.6	48.2	26.6
6	10.4	23.0	30.2	59.0	58.1	64.4	32.0
7	4.1	6.8	36.5	58.1	59.0	64.4	30.2
8	12.2	1.4	41.0	51.8	62.6	35.6	21.2
9	-0.4	-4.0	39.2	62.6	64.4	50.0	19.4
10	6.8	-11.2	42.8	55.4	68.0	41.0	24.8
11	30.2	-4.0	59.0	44.6	69.8	59.0	33.8
12	34.7	6.8	46.4	59.0	59.0	67.1	23.0
13	35.6	18.5	42.8	38.3	51.8	66.2	19.4
14	22.1	39.2	53.6	48.2	50.0	55.4	12.2
15	17.6	48.2	39.2	74.3	56.3	50.0	8.6
16	25.7	53.6	33.8	83.3	68.9	39.2	5.0
17	39.2	51.8	33.8	41.9	50.0	35.6	8.6
18	46.4	39.2	35.6	59.0	44.6	28.4	12.2
19	26.6	44.6	39.2	42.8	59.0	26.6	17.6
20	36.5	40.1	46.4	59.0	37.4	26.6	32.0
21	41.0	48.2	48.2	55.4	26.6	26.6	33.8
22	44.6	42.8	39.2	40.1	28.4	33.8	15.8
23	48.2	51.8	48.2	46.4	32.0	35.6	15.8
24	41.0	28.4	60.8	56.3	30.2	33.8	19.4
25	36.5	33.8	39.2	55.4	37.4	30.2	10.4
26	19.4	39.2	37.4	73.4	59.0	30.2	17.6
27	14.0	39.2	44.6	61.7	39.2	32.0	15.8
28	9.5	24.8	51.8	64.4	57.2	28.4	-2.2
29	14.0		60.8	66.2	61.7	37.4	-2.2
30	18.5		53.6	52.7	57.2	30.2	-4.0
31	18.5		48.2		57.2		-4.0

1982

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-0.4	6.8	14.0	30.2	44.6	53.6	35.6
2	1.4	-9.4	10.4	26.6	51.8	37.4	41.0
3	-9.4	-0.4	19.4	17.6	64.4	29.3	33.8
4	-0.4	-14.8	21.2	19.4	51.8	26.6	41.0
5	-0.4	-1.3	21.2	23.0	39.2	26.6	33.8
6	-7.6	17.6	10.4	30.2	41.0	41.0	14.0
7	-7.6	14.0	12.2	37.4	44.6	36.5	10.4
8	-16.6	1.4	15.8	39.2	48.2	37.4	15.8
9	-18.4	-0.4	15.8	41.9	50.0	36.5	30.2
10	1.4	6.8	24.8	38.3	48.2	35.6	5.0
11	-14.8	14.0	37.4	55.4	42.8	33.8	12.2
12	1.4	15.8	35.6	55.4	44.6	14.0	30.2
13	-1.3	12.2	39.2	44.6	62.6	24.8	13.1
14	14.0	29.3	42.8	70.7	69.8	24.8	14.0
15	-13.0	19.4	39.2	64.4	51.8	42.8	26.6
16	-16.6	35.6	35.6	53.6	44.6	44.6	37.4
17	-7.6	41.0	26.6	53.6	68.0	38.3	42.8
18	-2.2	41.9	19.4	51.8	37.4	41.0	28.4
19	-7.6	44.6	28.4	46.4	38.3	41.0	23.0
20	-11.2	42.8	33.8	53.6	37.4	26.6	19.4
21	-7.6	51.8	41.0	59.0	50.0	15.8	21.2
22	-5.8	19.4	41.0	75.2	53.6	8.6	26.6
23	-11.2	15.8	37.4	84.2	68.9	15.8	28.4
24	-18.4	26.6	26.6	84.2	66.2	23.0	21.2
25	-5.8	19.4	32.0	50.0	63.5	23.0	19.4
26	35.6	12.2	30.2	58.1	64.4	15.8	24.8
27	28.4	24.8	41.9	67.1	62.6	35.6	12.2
28	6.8	28.4	51.8	69.8	53.6	35.6	3.2
29	6.8		39.2	55.4	41.0	32.0	5.0
30	-4.0		41.0	68.0	48.2	33.8	14.9
31	6.8		30.2		55.4		26.6

TABLE 2 - MINIMUM DAILY TEMPERATURES
DEGREES FARENHEIT

1925

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-19.0	-22.0	-18.0	33.0	32.0	32.0	20.0
2	-19.0	-35.0	-10.0	35.0	32.0	20.0	19.0
3	2.0	-20.0	-10.0	32.0	29.0	21.0	30.0
4	8.0	17.0	16.0	24.0	41.0	20.0	3.0
5	4.0	20.0	20.0	30.0	30.0	15.0	-11.0
6	7.0	26.0	25.0	34.0	31.0	6.0	-10.0
7	12.0	12.0	25.0	32.0	30.0	4.0	23.0
8	-3.0	10.0	30.0	30.0	24.0	8.0	14.0
9	-17.0	8.0	27.0	33.0	27.0	10.0	10.0
10	-16.0	8.0	5.0	36.0	30.0	27.0	19.0
11	-13.0	4.0	-12.0	32.0	34.0	25.0	26.0
12	-19.0	5.0	-12.0	27.0	28.0	27.0	-3.0
13	-23.0	-1.0	-12.0	38.0	24.0	25.0	8.0
14	-23.0	4.0	-11.0	28.0	39.0	26.0	10.0
15	-20.0	-15.0	-10.0	25.0	31.0	24.0	8.0
16	-16.0	-12.0	5.0	20.0	18.0	15.0	-3.0
17	-5.0	-12.0	7.0	28.0	27.0	23.0	5.0
18	-8.0	-12.0	-2.0	36.0	23.0	27.0	9.0
19	-3.0	-9.0	6.0	36.0	24.0	20.0	4.0
20	-1.0	-5.0	19.0	36.0	25.0	34.0	11.0
21	10.0	-1.0	2.0	38.0	26.0	30.0	10.0
22	-12.0	-4.0	1.0	41.0	25.0	8.0	8.0
23	-20.0	5.0	25.0	43.0	26.0	35.0	-3.0
24	10.0	7.0	30.0	43.0	18.0	20.0	-6.0
25	-16.0	-18.0	32.0	38.0	18.0	4.0	-9.0
26	-25.0	-18.0	35.0	30.0	17.0	10.0	-19.0
27	-12.0	-17.0	30.0	32.0	11.0	-4.0	-10.0
28	-15.0	-8.0	27.0	36.0	12.0	-4.0	-12.0
29	-4.0		32.0	28.0	10.0	11.0	-4.0
30	-15.0		32.0	23.0	6.0	14.0	5.0
31	-18.0		31.0		29.0		2.0

1926

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	24.0	-11.0	5.0	7.0	49.0	27.0	-25.0
2	25.0	-4.0	-9.0	5.0	37.0	29.0	-2.0
3	17.0	-2.0	10.0	8.0	44.0	26.0	1.0
4	12.0	3.0	9.0	14.0	46.0	27.0	-20.0
5	19.0	13.0	17.0	17.0	33.0	29.0	-12.0
6	11.0	18.0	-3.0	22.0	26.0	24.0	-10.0
7	0.0	22.0	-17.0	23.0	32.0	20.0	2.0
8	23.0	18.0	16.0	17.0	48.0	15.0	11.0
9	12.0	15.0	18.0	18.0	36.0	4.0	9.0
10	29.0	17.0	10.0	24.0	35.0	6.0	16.0
11	-15.0	20.0	8.0	25.0	31.0	27.0	9.0
12	3.0	24.0	-12.0	33.0	26.0	25.0	4.0
13	7.0	12.0	-1.0	27.0	28.0	28.0	-22.0
14	8.0	-4.0	18.0	8.0	29.0	26.0	-25.0
15	3.0	-6.0	9.0	33.0	28.0	24.0	-23.0
16	9.0	3.0	12.0	30.0	24.0	18.0	-11.0
17	11.0	-4.0	24.0	24.0	33.0	17.0	-10.0
18	-5.0	-5.0	14.0	22.0	28.0	11.0	-10.0
19	-17.0	-13.0	26.0	32.0	32.0	9.0	3.0
20	-6.0	-6.0	24.0	30.0	34.0	-6.0	18.0
21	-22.0	-3.0	39.0	35.0	31.0	5.0	10.0
22	-14.0	8.0	31.0	40.0	28.0	6.0	19.0
23	7.0	12.0	32.0	40.0	26.0	8.0	-3.0
24	-16.0	18.0	27.0	29.0	19.0	8.0	-18.0
25	-3.0	19.0	9.0	32.0	23.0	7.0	5.0
26	-14.0	6.0	5.0	29.0	29.0	-13.0	2.0
27	-10.0	20.0	10.0	28.0	32.0	-19.0	-5.0
28	-23.0	29.0	-6.0	36.0	33.0	10.0	-21.0
29	-4.0		-3.0	25.0	26.0	5.0	-3.0
30	1.0		-4.0	33.0	9.0	-6.0	28.0
31	-5.0		2.0		23.0		26.0

1927

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	20.0	-9.0	-11.0	25.0	41.0	32.0	-14.0
2	22.0	-21.0	-3.0	30.0	39.0	24.0	-19.0
3	32.0	-3.0	12.0	32.0	40.0	26.0	-18.0
4	24.0	-4.0	19.0	37.0	37.0	28.0	-7.0
5	9.0	-2.0	23.0	18.0	36.0	19.0	-5.0
6	0.0	13.0	21.0	15.0	35.0	21.0	-18.0
7	0.0	7.0	29.0	24.0	33.0	16.0	-21.0
8	17.0	-20.0	18.0	32.0	31.0	17.0	-26.0
9	5.0	-6.0	22.0	34.0	30.0	19.0	-25.0
10	-8.0	8.0	18.0	35.0	33.0	28.0	-22.0
11	-2.0	9.0	24.0	34.0	36.0	12.0	-5.0
12	-14.0	-16.0	23.0	24.0	35.0	0.0	3.0
13	-16.0	-11.0	25.0	29.0	30.0	4.0	-16.0
14	-24.0	-2.0	30.0	31.0	34.0	5.0	-15.0
15	-12.0	-14.0	32.0	34.0	30.0	4.0	-16.0
16	-6.0	-8.0	29.0	42.0	31.0	3.0	-16.0
17	-13.0	-18.0	18.0	40.0	36.0	5.0	-8.0
18	-25.0	-17.0	10.0	48.0	39.0	-3.0	-14.0
19	-17.0	-7.0	9.0	26.0	42.0	-1.0	-12.0
20	-27.0	14.0	13.0	16.0	38.0	5.0	3.0
21	-33.0	16.0	17.0	18.0	31.0	-1.0	4.0
22	-15.0	26.0	30.0	24.0	39.0	-12.0	-5.0
23	-10.0	23.0	29.0	25.0	42.0	2.0	-5.0
24	-8.0	13.0	9.0	29.0	34.0	9.0	-5.0
25	-31.0	9.0	15.0	36.0	33.0	19.0	7.0
26	-30.0	3.0	19.0	39.0	36.0	12.0	7.0
27	8.0	2.0	24.0	35.0	34.0	4.0	-9.0
28	14.0	3.0	27.0	42.0	31.0	19.0	-6.0
29	13.0		28.0	41.0	36.0	12.0	-11.0
30	4.0		29.0	39.0	34.0	-6.0	-13.0
31	-15.0		27.0		31.0		-12.0

1928

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-23.0	-3.0	15.0	38.0	36.0	11.0	17.0
2	-20.0	-7.0	12.0	32.0	45.0	16.0	7.0
3	-14.0	-9.0	13.0	23.0	44.0	25.0	-1.0
4	5.0	-2.0	-7.0	26.0	40.0	20.0	-3.0
5	11.0	18.0	-5.0	20.0	24.0	26.0	-3.0
6	25.0	26.0	-6.0	22.0	31.0	28.0	3.0
7	27.0	19.0	3.0	20.0	34.0	31.0	8.0
8	28.0	11.0	8.0	10.0	44.0	29.0	26.0
9	31.0	18.0	-6.0	23.0	30.0	18.0	28.0
10	33.0	25.0	2.0	35.0	34.0	28.0	29.0
11	30.0	20.0	10.0	20.0	28.0	31.0	19.0
12	29.0	29.0	14.0	20.0	26.0	18.0	23.0
13	26.0	19.0	17.0	14.0	32.0	28.0	15.0
14	-13.0	14.0	5.0	19.0	31.0	34.0	28.0
15	-19.0	18.0	0.0	23.0	29.0	33.0	32.0
16	-1.0	2.0	9.0	25.0	34.0	18.0	25.0
17	23.0	-10.0	14.0	26.0	30.0	24.0	12.0
18	16.0	-9.0	24.0	12.0	41.0	22.0	14.0
19	-2.0	2.0	23.0	9.0	32.0	17.0	-3.0
20	-6.0	-9.0	28.0	25.0	27.0	27.0	-16.0
21	-3.0	-1.0	36.0	24.0	31.0	32.0	3.0
22	3.0	-7.0	31.0	32.0	27.0	28.0	21.0
23	-9.0	1.0	32.0	26.0	33.0	31.0	29.0
24	-2.0	-13.0	30.0	23.0	30.0	12.0	32.0
25	-5.0	-1.0	19.0	22.0	27.0	18.0	30.0
26	-10.0	12.0	5.0	27.0	29.0	26.0	27.0
27	-9.0	10.0	12.0	33.0	34.0	21.0	19.0
28	-10.0	17.0	14.0	34.0	29.0	8.0	20.0
29	-12.0	8.0	19.0	47.0	14.0	15.0	18.0
30	0.0		20.0	39.0	21.0	22.0	16.0
31	4.0		30.0		26.0		-16.0

1929

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-17.0	-16.0	10.0	23.0	36.0	30.0	-12.0
2	-24.0	-2.0	3.0	21.0	38.0	27.0	-16.0
3	-11.0	12.0	7.0	31.0	35.0	32.0	10.0
4	3.0	2.0	8.0	32.0	45.0	25.0	8.0
5	-14.0	-17.0	22.0	28.0	45.0	25.0	5.0
6	-17.0	-22.0	-3.0	33.0	43.0	21.0	-18.0
7	-28.0	-27.0	-15.0	21.0	34.0	25.0	-21.0
8	6.0	-20.0	-1.0	15.0	28.0	17.0	-4.0
9	-1.0	-17.0	-12.0	15.0	27.0	18.0	-10.0
10	-3.0	-11.0	17.0	23.0	36.0	30.0	-13.0
11	-30.0	-3.0	28.0	24.0	42.0	28.0	-8.0
12	-22.0	-25.0	18.0	32.0	36.0	17.0	10.0
13	-31.0	-25.0	31.0	36.0	41.0	20.0	9.0
14	-29.0	4.0	33.0	32.0	27.0	20.0	12.0
15	-23.0	9.0	28.0	34.0	52.0	23.0	11.0
16	-25.0	-24.0	30.0	33.0	33.0	31.0	-22.0
17	-12.0	-22.0	26.0	29.0	46.0	20.0	-28.0
18	-14.0	-26.0	28.0	39.0	46.0	17.0	-19.0
19	-21.0	-23.0	6.0	28.0	36.0	12.0	-17.0
20	-7.0	-6.0	23.0	31.0	46.0	7.0	-18.0
21	1.0	-16.0	7.0	34.0	29.0	-14.0	-13.0
22	-12.0	-8.0	8.0	34.0	31.0	-1.0	-14.0
23	-27.0	-9.0	11.0	35.0	21.0	-4.0	1.0
24	-28.0	-5.0	20.0	43.0	29.0	-11.0	-2.0
25	-28.0	-1.0	19.0	29.0	33.0	-5.0	5.0
26	-29.0	7.0	22.0	28.0	21.0	5.0	-1.0
27	-24.0	8.0	31.0	25.0	20.0	15.0	8.0
28	-27.0	11.0	30.0	22.0	22.0	-12.0	11.0
29	-30.0		39.0	31.0	27.0	-20.0	20.0
30	-24.0		6.0	39.0	29.0	-11.0	21.0
31	-19.0		19.0		30.0		24.0

1930

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-30.0	4.0	-3.0	19.0	42.0	20.0	-19.0
2	-1.0	7.0	-1.0	35.0	35.0	26.0	-3.0
3	-10.0	11.0	0.0	30.0	27.0	30.0	-21.0
4	-7.0	8.0	15.0	37.0	25.0	22.0	-16.0
5	-2.0	2.0	3.0	37.0	51.0	24.0	15.0
6	-20.0	26.0	15.0	33.0	34.0	7.0	27.0
7	-21.0	3.0	20.0	30.0	40.0	16.0	12.0
8	-35.0	-8.0	23.0	33.0	42.0	28.0	28.0
9	-37.0	-9.0	26.0	42.0	31.0	27.0	26.0
10	-21.0	-6.0	24.0	37.0	25.0	29.0	15.0
11	-7.0	9.0	24.0	36.0	40.0	25.0	21.0
12	-14.0	1.0	36.0	41.0	29.0	34.0	20.0
13	-6.0	-13.0	20.0	30.0	33.0	21.0	16.0
14	-17.0	-29.0	18.0	32.0	27.0	22.0	-2.0
15	-25.0	-30.0	16.0	29.0	26.0	18.0	-16.0
16	-27.0	-7.0	20.0	32.0	23.0	23.0	10.0
17	-27.0	24.0	15.0	35.0	22.0	20.0	15.0
18	-6.0	16.0	16.0	25.0	16.0	19.0	26.0
19	-24.0	34.0	14.0	25.0	17.0	16.0	8.0
20	-26.0	28.0	14.0	45.0	18.0	10.0	1.0
21	-24.0	34.0	20.0	18.0	15.0	10.0	10.0
22	-15.0	33.0	17.0	21.0	19.0	14.0	4.0
23	-17.0	21.0	4.0	19.0	20.0	11.0	-2.0
24	-6.0	3.0	10.0	19.0	23.0	12.0	7.0
25	-20.0	7.0	4.0	20.0	35.0	8.0	20.0
26	-7.0	8.0	0.0	24.0	33.0	-10.0	19.0
27	-8.0	-6.0	12.0	39.0	34.0	-9.0	21.0
28	-5.0	-7.0	17.0	44.0	30.0	-12.0	12.0
29	2.0		15.0	48.0	25.0	-2.0	8.0
30	0.0		16.0	46.0	19.0	-4.0	4.0
31	1.0		17.0		11.0		-13.0

1931

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	14.0	17.0	4.0	21.0	43.0	31.0	12.0
2	5.0	8.0	12.0	19.0	40.0	29.0	14.0
3	-4.0	10.0	13.0	9.0	39.0	33.0	16.0
4	3.0	15.0	14.0	22.0	32.0	30.0	-9.0
5	5.0	12.0	10.0	34.0	29.0	28.0	-10.0
6	2.0	10.0	16.0	29.0	34.0	24.0	-13.0
7	7.0	9.0	6.0	41.0	31.0	35.0	-4.0
8	12.0	3.0	8.0	43.0	32.0	34.0	0.0
9	11.0	-3.0	7.0	39.0	27.0	33.0	5.0
10	14.0	2.0	9.0	23.0	28.0	30.0	4.0
11	6.0	8.0	11.0	20.0	33.0	25.0	12.0
12	-2.0	-19.0	5.0	27.0	31.0	28.0	20.0
13	-12.0	-9.0	3.0	30.0	30.0	34.0	22.0
14	-10.0	14.0	-9.0	40.0	32.0	30.0	27.0
15	10.0	12.0	-7.0	44.0	31.0	28.0	25.0
16	12.0	-2.0	2.0	42.0	27.0	22.0	29.0
17	11.0	-6.0	6.0	40.0	30.0	24.0	22.0
18	8.0	3.0	18.0	38.0	24.0	29.0	27.0
19	-6.0	6.0	19.0	30.0	27.0	30.0	25.0
20	-4.0	11.0	18.0	29.0	34.0	31.0	20.0
21	-3.0	12.0	19.0	18.0	37.0	21.0	29.0
22	9.0	12.0	10.0	19.0	36.0	15.0	31.0
23	4.0	10.0	14.0	23.0	39.0	10.0	30.0
24	3.0	15.0	15.0	24.0	40.0	7.0	29.0
25	7.0	20.0	7.0	11.0	36.0	8.0	25.0
26	5.0	16.0	-10.0	14.0	38.0	13.0	27.0
27	6.0	5.0	-4.0	26.0	34.0	-3.0	30.0
28	9.0	6.0	16.0	33.0	35.0	-1.0	28.0
29	12.0		19.0	24.0	36.0	-7.0	26.0
30	10.0		19.0	37.0	35.0	-9.0	15.0
31	14.0		20.0		37.0		10.0

1932

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-3.0	-17.0	23.0	6.0	45.0	29.0	35.0
2	7.0	-16.0	21.0	11.0	44.0	28.0	15.0
3	10.0	-15.0	13.0	-7.0	37.0	29.0	9.0
4	13.0	-16.0	3.0	31.0	33.0	28.0	-2.0
5	9.0	-14.0	-14.0	26.0	25.0	27.0	10.0
6	6.0	-6.0	-18.0	35.0	45.0	27.0	-18.0
7	-2.0	-9.0	-15.0	32.0	33.0	34.0	-21.0
8	-6.0	-25.0	-8.0	30.0	22.0	25.0	-28.0
9	-4.0	-4.0	-9.0	33.0	13.0	22.0	-20.0
10	13.0	1.0	-4.0	27.0	13.0	19.0	-5.0
11	22.0	-4.0	-9.0	20.0	29.0	11.0	-25.0
12	19.0	3.0	8.0	20.0	33.0	9.0	-15.0
13	2.0	-13.0	0.0	25.0	42.0	4.0	6.0
14	-9.0	-20.0	-4.0	35.0	39.0	-4.0	-16.0
15	-16.0	-5.0	7.0	27.0	54.0	-10.0	-23.0
16	-9.0	0.0	10.0	28.0	27.0	-2.0	-16.0
17	-2.0	-11.0	5.0	33.0	25.0	-9.0	5.0
18	-6.0	3.0	9.0	43.0	28.0	0.0	7.0
19	-14.0	9.0	16.0	47.0	31.0	-14.0	4.0
20	-18.0	18.0	19.0	35.0	21.0	2.0	7.0
21	11.0	9.0	17.0	33.0	31.0	4.0	7.0
22	8.0	-15.0	11.0	40.0	27.0	22.0	11.0
23	9.0	-14.0	4.0	40.0	33.0	-4.0	9.0
24	18.0	-2.0	10.0	36.0	21.0	20.0	12.0
25	25.0	26.0	11.0	27.0	30.0	-3.0	4.0
26	20.0	38.0	20.0	26.0	31.0	-5.0	5.0
27	19.0	31.0	23.0	26.0	30.0	16.0	-6.0
28	14.0	28.0	14.0	40.0	28.0	29.0	1.0
29	-15.0	23.0	19.0	41.0	13.0	35.0	-5.0
30	-22.0		4.0	33.0	20.0	31.0	-7.0
31	-24.0		6.0		23.0		-13.0

1933

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	-15.0	3.0	32.0	41.0	27.0	-5.0
2	-5.0	-12.0	13.0	29.0	30.0	17.0	8.0
3	-10.0	-16.0	7.0	22.0	38.0	16.0	5.0
4	-10.0	-28.0	4.0	28.0	27.0	18.0	5.0
5	-5.0	-24.0	30.0	29.0	34.0	5.0	-7.0
6	12.0	-25.0	16.0	36.0	54.0	18.0	5.0
7	-5.0	-39.0	22.0	27.0	35.0	14.0	-13.0
8	-4.0	-37.0	-2.0	31.0	22.0	15.0	-12.0
9	-4.0	-30.0	-11.0	27.0	27.0	0.0	-13.0
10	-3.0	-3.0	-1.0	23.0	42.0	9.0	-14.0
11	-13.0	-20.0	2.0	11.0	33.0	19.0	-19.0
12	-27.0	-11.0	8.0	12.0	27.0	14.0	-14.0
13	-26.0	-9.0	19.0	22.0	25.0	12.0	-23.0
14	3.0	-20.0	-1.0	27.0	38.0	0.0	-10.0
15	1.0	-26.0	-3.0	26.0	34.0	2.0	0.0
16	-20.0	-13.0	14.0	32.0	32.0	-6.0	-12.0
17	5.0	-2.0	-1.0	34.0	26.0	27.0	-18.0
18	-12.0	12.0	3.0	39.0	26.0	17.0	5.0
19	-6.0	11.0	6.0	42.0	20.0	31.0	-10.0
20	-13.0	4.0	8.0	27.0	20.0	30.0	-4.0
21	-10.0	-14.0	10.0	25.0	32.0	10.0	-10.0
22	2.0	7.0	9.0	27.0	21.0	10.0	3.0
23	-13.0	7.0	10.0	43.0	19.0	20.0	-22.0
24	8.0	27.0	21.0	29.0	17.0	12.0	-31.0
25	-15.0	10.0	29.0	20.0	19.0	13.0	-31.0
26	-8.0	14.0	26.0	17.0	19.0	17.0	-24.0
27	2.0	32.0	19.0	20.0	12.0	9.0	-19.0
28	1.0	14.0	11.0	29.0	14.0	9.0	-38.0
29	12.0		33.0	39.0	25.0	13.0	-26.0
30	15.0		34.0	33.0	26.0	4.0	-5.0
31	-9.0		31.0		31.0		-19.0

1934

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-23.0	-6.0	32.0	36.0	38.0	9.0	10.0
2	-22.0	11.0	27.0	26.0	35.0	27.0	-4.0
3	-15.0	13.0	29.0	21.0	32.0	30.0	4.0
4	0.0	-7.0	25.0	28.0	43.0	32.0	4.0
5	4.0	-3.0	23.0	35.0	38.0	35.0	-10.0
6	7.0	-18.0	5.0	31.0	44.0	35.0	1.0
7	-19.0	-17.0	-4.0	33.0	41.0	28.0	0.0
8	9.0	-7.0	-3.0	33.0	35.0	28.0	16.0
9	13.0	0.0	4.0	31.0	38.0	26.0	11.0
10	16.0	19.0	12.0	29.0	52.0	26.0	6.0
11	8.0	18.0	20.0	24.0	53.0	28.0	16.0
12	13.0	20.0	28.0	30.0	40.0	29.0	18.0
13	0.0	13.0	12.0	25.0	41.0	30.0	14.0
14	0.0	31.0	20.0	33.0	45.0	21.0	21.0
15	14.0	2.0	27.0	23.0	43.0	24.0	23.0
16	-15.0	18.0	1.0	27.0	45.0	21.0	8.0
17	-2.0	8.0	-4.0	29.0	32.0	17.0	12.0
18	2.0	-12.0	5.0	35.0	36.0	16.0	1.0
19	8.0	-5.0	16.0	32.0	42.0	27.0	6.0
20	4.0	10.0	26.0	24.0	48.0	30.0	-9.0
21	10.0	-13.0	-7.0	29.0	39.0	29.0	5.0
22	10.0	-12.0	-5.0	30.0	31.0	8.0	7.0
23	6.0	-23.0	12.0	29.0	45.0	7.0	-17.0
24	-13.0	-27.0	-8.0	22.0	25.0	19.0	-10.0
25	-26.0	-25.0	5.0	27.0	34.0	29.0	-20.0
26	13.0	-19.0	-8.0	29.0	29.0	30.0	-35.0
27	-18.0	3.0	7.0	19.0	28.0	26.0	-14.0
28	-23.0	19.0	2.0	31.0	29.0	18.0	-20.0
29	-32.0		1.0	43.0	26.0	8.0	-27.0
30	-12.0		8.0	30.0	24.0	11.0	-17.0
31	7.0		23.0		17.0		-17.0

1935

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-12.0	25.0	6.0	17.0	38.0	5.0	10.0
2	-4.0	35.0	10.0	19.0	34.0	6.0	17.0
3	-27.0	25.0	12.0	16.0	27.0	7.0	-4.0
4	-15.0	23.0	24.0	14.0	17.0	10.0	8.0
5	5.0	0.0	2.0	18.0	28.0	8.0	8.0
6	-10.0	2.0	1.0	20.0	30.0	6.0	10.0
7	-16.0	23.0	-3.0	15.0	34.0	-2.0	17.0
8	-10.0	16.0	-8.0	16.0	47.0	-3.0	8.0
9	-5.0	9.0	23.0	18.0	24.0	0.0	-5.0
10	-9.0	9.0	22.0	15.0	19.0	-4.0	-21.0
11	-26.0	8.0	4.0	20.0	22.0	-2.0	-1.0
12	-20.0	18.0	5.0	29.0	30.0	6.0	8.0
13	-16.0	22.0	-2.0	36.0	32.0	-1.0	10.0
14	-27.0	29.0	19.0	20.0	34.0	-10.0	18.0
15	-20.0	10.0	28.0	18.0	32.0	8.0	17.0
16	-15.0	10.0	10.0	20.0	30.0	9.0	14.0
17	-16.0	20.0	15.0	25.0	29.0	12.0	10.0
18	-25.0	26.0	31.0	30.0	33.0	16.0	-8.0
19	-36.0	24.0	25.0	22.0	32.0	-7.0	-15.0
20	-27.0	0.0	28.0	25.0	29.0	9.0	-19.0
21	-36.0	7.0	11.0	30.0	30.0	-9.0	1.0
22	-35.0	3.0	14.0	32.0	31.0	-4.0	-2.0
23	-38.0	14.0	9.0	42.0	29.0	10.0	-15.0
24	-32.0	-15.0	23.0	45.0	31.0	11.0	-14.0
25	-6.0	-10.0	31.0	40.0	44.0	12.0	-10.0
26	-14.0	-9.0	38.0	35.0	39.0	13.0	-6.0
27	-22.0	10.0	13.0	32.0	37.0	7.0	-16.0
28	5.0	-2.0	11.0	29.0	29.0	9.0	-14.0
29	-17.0		11.0	30.0	18.0	16.0	-10.0
30	7.0		13.0	23.0	15.0	-3.0	-15.0
31	2.0		10.0		10.0		-18.0

1936

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-6.0	-30.0	12.0	-2.0	24.0	15.0	-5.0
2	-6.0	-19.0	31.0	1.0	22.0	12.0	15.0
3	-17.0	-43.0	25.0	5.0	17.0	-2.0	5.0
4	-22.0	-34.0	-6.0	7.0	23.0	0.0	-18.0
5	-20.0	-42.0	-20.0	-1.0	33.0	1.0	-6.0
6	-25.0	-34.0	6.0	2.0	29.0	0.0	-24.0
7	-35.0	-32.0	15.0	8.0	47.0	-5.0	-27.0
8	-24.0	-20.0	20.0	20.0	44.0	10.0	-12.0
9	-20.0	-19.0	24.0	27.0	32.0	6.0	-10.0
10	-18.0	-15.0	25.0	35.0	26.0	10.0	-20.0
11	-16.0	-25.0	15.0	34.0	20.0	28.0	-12.0
12	-10.0	-28.0	4.0	34.0	13.0	24.0	14.0
13	-15.0	-20.0	7.0	45.0	23.0	33.0	18.0
14	-19.0	-31.0	21.0	30.0	33.0	22.0	15.0
15	-25.0	-35.0	17.0	29.0	50.0	14.0	20.0
16	-24.0	-34.0	15.0	31.0	32.0	26.0	14.0
17	-30.0	-20.0	5.0	26.0	25.0	24.0	22.0
18	-34.0	-28.0	19.0	46.0	40.0	12.0	26.0
19	-34.0	-23.0	22.0	33.0	30.0	38.0	24.0
20	-33.0	-27.0	30.0	20.0	18.0	30.0	12.0
21	-31.0	-13.0	22.0	16.0	11.0	20.0	9.0
22	-42.0	-5.0	25.0	29.0	3.0	15.0	14.0
23	-35.0	-5.0	26.0	27.0	16.0	12.0	20.0
24	-34.0	-4.0	25.0	23.0	14.0	18.0	0.0
25	-19.0	-15.0	10.0	30.0	10.0	7.0	9.0
26	-20.0	-18.0	2.0	27.0	-1.0	13.0	0.0
27	-22.0	-21.0	16.0	30.0	27.0	18.0	-12.0
28	-27.0	-14.0	10.0	25.0	24.0	12.0	-9.0
29	-18.0	-12.0	1.0	18.0	27.0	5.0	2.0
30	-12.0		2.0	29.0	28.0	4.0	-4.0
31	-18.0		-4.0		24.0		-3.0

1937

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-18.0	-27.0	10.0	15.0	40.0	34.0	-5.0
2	-16.0	-25.0	-6.0	13.0	43.0	32.0	13.0
3	-23.0	-5.0	-4.0	24.0	46.0	28.0	6.0
4	-17.0	-13.0	-2.0	29.0	46.0	27.0	-3.0
5	-30.0	-12.0	32.0	20.0	37.0	19.0	-14.0
6	-18.0	-16.0	30.0	28.0	34.0	18.0	-10.0
7	-28.0	-20.0	26.0	18.0	30.0	16.0	-3.0
8	-31.0	-17.0	5.0	22.0	36.0	29.0	-2.0
9	-23.0	-15.0	8.0	31.0	35.0	27.0	-4.0
10	-16.0	-17.0	10.0	25.0	38.0	34.0	4.0
11	-1.0	-5.0	12.0	32.0	32.0	31.0	10.0
12	-4.0	3.0	-2.0	37.0	28.0	24.0	12.0
13	-1.0	17.0	8.0	28.0	24.0	28.0	10.0
14	-23.0	-5.0	5.0	26.0	15.0	21.0	14.0
15	-27.0	8.0	10.0	18.0	17.0	17.0	14.0
16	-20.0	11.0	12.0	41.0	20.0	2.0	16.0
17	-23.0	9.0	15.0	34.0	36.0	4.0	12.0
18	-31.0	12.0	20.0	30.0	35.0	7.0	11.0
19	-39.0	16.0	24.0	25.0	33.0	10.0	-4.0
20	-15.0	3.0	22.0	30.0	33.0	12.0	-6.0
21	-17.0	-17.0	19.0	32.0	24.0	-5.0	-5.0
22	-36.0	-12.0	14.0	35.0	28.0	5.0	-6.0
23	-16.0	5.0	20.0	36.0	32.0	20.0	-8.0
24	-14.0	-6.0	6.0	30.0	25.0	17.0	-14.0
25	-26.0	-3.0	9.0	28.0	30.0	23.0	-20.0
26	-37.0	4.0	14.0	27.0	35.0	16.0	-23.0
27	-21.0	-10.0	22.0	32.0	32.0	2.0	-16.0
28	-9.0	12.0	19.0	31.0	30.0	-5.0	-10.0
29	-14.0		18.0	38.0	16.0	-7.0	-8.0
30	-10.0		20.0	42.0	20.0	-4.0	-4.0
31	-30.0		17.0		19.0		-6.0

1938

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-5.0	-29.0	33.0	12.0	45.0	36.0	14.0
2	-15.0	-8.0	6.0	13.0	46.0	37.0	26.0
3	0.0	-4.0	-6.0	12.0	44.0	31.0	24.0
4	-7.0	-14.0	0.0	10.0	52.0	26.0	25.0
5	-18.0	9.0	5.0	5.0	36.0	25.0	10.0
6	-18.0	3.0	3.0	10.0	42.0	15.0	25.0
7	-8.0	9.0	15.0	15.0	46.0	18.0	12.0
8	-19.0	-7.0	-1.0	22.0	29.0	9.0	17.0
9	-20.0	-10.0	8.0	32.0	47.0	22.0	13.0
10	3.0	-19.0	15.0	33.0	53.0	21.0	10.0
11	14.0	16.0	20.0	31.0	50.0	20.0	18.0
12	10.0	-8.0	34.0	28.0	52.0	12.0	3.0
13	-2.0	-4.0	13.0	24.0	44.0	21.0	28.0
14	-6.0	-18.0	10.0	35.0	38.0	-3.0	-6.0
15	19.0	-27.0	34.0	28.0	31.0	-8.0	7.0
16	14.0	-18.0	31.0	33.0	40.0	15.0	1.0
17	3.0	-12.0	34.0	41.0	25.0	23.0	2.0
18	-1.0	-17.0	34.0	35.0	31.0	8.0	21.0
19	9.0	-9.0	31.0	40.0	25.0	21.0	14.0
20	-16.0	-1.0	35.0	16.0	35.0	-2.0	15.0
21	6.0	-4.0	35.0	20.0	31.0	9.0	0.0
22	20.0	-7.0	18.0	30.0	19.0	-8.0	11.0
23	23.0	-9.0	22.0	29.0	22.0	-3.0	6.0
24	5.0	-8.0	30.0	27.0	33.0	-10.0	7.0
25	-16.0	21.0	19.0	28.0	35.0	8.0	-7.0
26	-19.0	35.0	22.0	39.0	39.0	-11.0	-7.0
27	-28.0	22.0	35.0	36.0	32.0	15.0	-30.0
28	2.0	21.0	33.0	33.0	36.0	14.0	-24.0
29	-5.0		38.0	36.0	20.0	22.0	-31.0
30	-24.0		25.0	44.0	27.0	23.0	-24.0
31	-29.0		15.0		40.0		-10.0

1939

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-11.0	-12.0	4.0	12.0	35.0	20.0	34.0
2	-3.0	-4.0	10.0	28.0	41.0	21.0	10.0
3	2.0	-29.0	-8.0	23.0	40.0	19.0	14.0
4	12.0	-22.0	-18.0	36.0	40.0	24.0	27.0
5	8.0	-15.0	-15.0	16.0	41.0	28.0	32.0
6	20.0	-17.0	-8.0	12.0	39.0	32.0	34.0
7	14.0	-19.0	-31.0	16.0	30.0	29.0	28.0
8	8.0	-36.0	-2.0	6.0	32.0	18.0	23.0
9	17.0	-30.0	-1.0	32.0	28.0	27.0	34.0
10	7.0	-14.0	10.0	8.0	27.0	5.0	23.0
11	-17.0	-17.0	18.0	7.0	40.0	11.0	22.0
12	-11.0	-24.0	20.0	19.0	32.0	13.0	18.0
13	21.0	-17.0	-5.0	21.0	27.0	22.0	1.0
14	11.0	-24.0	-1.0	26.0	23.0	23.0	10.0
15	-23.0	-41.0	-18.0	31.0	45.0	29.0	22.0
16	-30.0	-9.0	-10.0	29.0	19.0	22.0	30.0
17	-19.0	-1.0	-17.0	33.0	14.0	27.0	19.0
18	-14.0	-4.0	-11.0	21.0	27.0	22.0	22.0
19	5.0	-21.0	27.0	33.0	44.0	21.0	21.0
20	20.0	-36.0	12.0	34.0	43.0	14.0	16.0
21	0.0	-19.0	30.0	20.0	34.0	25.0	13.0
22	-25.0	-16.0	31.0	30.0	22.0	24.0	13.0
23	3.0	0.0	34.0	41.0	34.0	37.0	18.0
24	-7.0	-15.0	27.0	31.0	25.0	25.0	20.0
25	-16.0	5.0	26.0	40.0	23.0	28.0	14.0
26	10.0	4.0	26.0	38.0	22.0	30.0	7.0
27	3.0	3.0	13.0	32.0	14.0	19.0	14.0
28	-11.0	-8.0	16.0	33.0	24.0	19.0	5.0
29	-10.0		30.0	38.0	22.0	19.0	8.0
30	-2.0		32.0	45.0	34.0	25.0	-14.0
31	-22.0		23.0		32.0		-3.0

1940

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-5.0	11.0	2.0	21.0	52.0	38.0	-16.0
2	-2.0	-8.0	3.0	19.0	41.0	39.0	-17.0
3	-14.0	12.0	21.0	29.0	53.0	37.0	3.0
4	-16.0	19.0	10.0	12.0	51.0	36.0	-5.0
5	-6.0	21.0	4.0	13.0	52.0	26.0	-14.0
6	-17.0	12.0	28.0	22.0	49.0	16.0	18.0
7	-7.0	-3.0	25.0	26.0	34.0	23.0	9.0
8	13.0	-15.0	25.0	15.0	29.0	27.0	16.0
9	0.0	12.0	12.0	12.0	43.0	9.0	19.0
10	-4.0	19.0	10.0	11.0	44.0	8.0	9.0
11	13.0	15.0	-13.0	-1.0	51.0	7.0	5.0
12	-1.0	6.0	8.0	15.0	45.0	3.0	-27.0
13	-6.0	14.0	7.0	25.0	32.0	-9.0	-19.0
14	2.0	20.0	3.0	28.0	20.0	-3.0	6.0
15	-30.0	22.0	14.0	29.0	26.0	10.0	5.0
16	-28.0	15.0	15.0	30.0	34.0	35.0	1.0
17	-21.0	7.0	25.0	32.0	26.0	25.0	5.0
18	-20.0	9.0	17.0	33.0	33.0	27.0	3.0
19	2.0	19.0	1.0	37.0	26.0	33.0	9.0
20	0.0	12.0	-3.0	34.0	45.0	21.0	10.0
21	3.0	10.0	-13.0	37.0	34.0	17.0	15.0
22	-2.0	-21.0	-15.0	32.0	37.0	26.0	18.0
23	-6.0	-13.0	-12.0	31.0	34.0	39.0	21.0
24	-18.0	-20.0	-11.0	30.0	29.0	15.0	17.0
25	-9.0	-17.0	-9.0	34.0	27.0	13.0	22.0
26	-10.0	-6.0	-11.0	36.0	30.0	12.0	12.0
27	-7.0	-8.0	-6.0	42.0	39.0	-3.0	11.0
28	7.0	-10.0	26.0	40.0	44.0	-14.0	20.0
29	-9.0	1.0	23.0	37.0	39.0	-7.0	14.0
30	12.0		28.0	25.0	40.0	-17.0	18.0
31	21.0		20.0		38.0		22.0

1941

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	23.0	27.0	20.0	28.0	42.0	15.0	35.0
2	8.0	17.0	5.0	15.0	43.0	28.0	32.0
3	2.0	15.0	-12.0	20.0	44.0	26.0	39.0
4	-4.0	12.0	-11.0	28.0	46.0	28.0	22.0
5	0.0	13.0	-4.0	32.0	36.0	23.0	15.0
6	-5.0	5.0	-7.0	33.0	33.0	24.0	16.0
7	-9.0	-3.0	25.0	34.0	36.0	14.0	12.0
8	-11.0	1.0	23.0	33.0	32.0	23.0	10.0
9	-15.0	8.0	20.0	34.0	33.0	22.0	-8.0
10	3.0	10.0	21.0	38.0	25.0	20.0	-9.0
11	0.0	-1.0	10.0	40.0	43.0	15.0	-5.0
12	14.0	8.0	9.0	43.0	41.0	27.0	15.0
13	5.0	12.0	5.0	42.0	40.0	29.0	12.0
14	3.0	3.0	16.0	47.0	38.0	28.0	10.0
15	15.0	2.0	20.0	40.0	36.0	29.0	-2.0
16	-13.0	9.0	-13.0	45.0	43.0	25.0	10.0
17	-22.0	-15.0	-16.0	38.0	39.0	22.0	15.0
18	-3.0	-28.0	3.0	29.0	30.0	21.0	7.0
19	3.0	-29.0	19.0	25.0	46.0	27.0	13.0
20	0.0	-20.0	20.0	27.0	40.0	14.0	10.0
21	-6.0	-13.0	15.0	18.0	37.0	-3.0	15.0
22	-22.0	-3.0	26.0	33.0	34.0	-5.0	18.0
23	0.0	-10.0	5.0	32.0	26.0	-8.0	10.0
24	-6.0	-9.0	8.0	34.0	35.0	10.0	15.0
25	-37.0	-17.0	19.0	33.0	33.0	35.0	12.0
26	-24.0	0.0	23.0	32.0	24.0	13.0	10.0
27	-14.0	-12.0	22.0	39.0	15.0	17.0	-5.0
28	-9.0	3.0	6.0	50.0	12.0	15.0	-1.0
29	10.0		24.0	38.0	25.0	10.0	11.0
30	16.0		25.0	40.0	5.0	20.0	7.0
31	14.0		17.0		13.0		-13.0

1942

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-13.0	-4.0	17.0	26.0	43.0	18.0	-7.0
2	-3.0	-4.0	21.0	18.0	45.0	16.0	-12.0
3	-26.0	-11.0	20.0	24.0	44.0	12.0	4.0
4	-20.0	14.0	20.0	20.0	47.0	32.0	-5.0
5	-26.0	16.0	20.0	12.0	34.0	18.0	8.0
6	-31.0	-10.0	12.0	20.0	37.0	5.0	4.0
7	-23.0	-20.0	10.0	17.0	42.0	9.0	-8.0
8	-3.0	-5.0	14.0	14.0	43.0	19.0	-3.0
9	-20.0	14.0	9.0	28.0	30.0	27.0	-16.0
10	-6.0	10.0	18.0	21.0	46.0	11.0	-3.0
11	5.0	7.0	10.0	22.0	38.0	19.0	-10.0
12	15.0	2.0	9.0	24.0	53.0	34.0	-18.0
13	26.0	-2.0	18.0	37.0	42.0	11.0	-23.0
14	23.0	-4.0	31.0	42.0	45.0	18.0	12.0
15	22.0	-5.0	29.0	34.0	38.0	34.0	-4.0
16	19.0	-15.0	30.0	38.0	36.0	28.0	15.0
17	23.0	-25.0	30.0	27.0	40.0	16.0	3.0
18	22.0	-19.0	24.0	32.0	41.0	6.0	-12.0
19	25.0	-18.0	20.0	31.0	40.0	19.0	-20.0
20	22.0	1.0	22.0	40.0	42.0	3.0	-1.0
21	30.0	1.0	24.0	40.0	32.0	3.0	10.0
22	27.0	-4.0	30.0	47.0	26.0	28.0	5.0
23	26.0	1.0	18.0	42.0	23.0	32.0	15.0
24	23.0	-2.0	15.0	40.0	20.0	34.0	-15.0
25	20.0	-5.0	24.0	37.0	10.0	3.0	-12.0
26	15.0	7.0	16.0	50.0	19.0	0.0	18.0
27	16.0	2.0	13.0	43.0	20.0	-6.0	-18.0
28	18.0	7.0	10.0	41.0	12.0	-5.0	20.0
29	20.0		13.0	40.0	22.0	-7.0	5.0
30	16.0		20.0	38.0	26.0	2.0	-5.0
31	12.0		26.0		22.0		0.0

1943

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-14.0	-21.0	-17.0	13.0	39.0	24.0	22.0
2	-27.0	3.0	-19.0	10.0	33.0	22.0	22.0
3	-15.0	15.0	12.0	24.0	51.0	23.0	1.0
4	-21.0	0.0	2.0	19.0	40.0	20.0	22.0
5	-18.0	3.0	-24.0	23.0	46.0	24.0	18.0
6	-24.0	-15.0	-18.0	30.0	51.0	25.0	13.0
7	-11.0	-10.0	-21.0	31.0	39.0	24.0	20.0
8	-12.0	0.0	-14.0	32.0	44.0	21.0	24.0
9	24.0	2.0	-11.0	31.0	33.0	22.0	1.0
10	4.0	-10.0	-6.0	28.0	36.0	10.0	4.0
11	-6.0	-16.0	16.0	30.0	43.0	22.0	7.0
12	-5.0	-7.0	-8.0	24.0	41.0	10.0	-3.0
13	-9.0	-16.0	-14.0	18.0	33.0	12.0	-10.0
14	0.0	-21.0	-7.0	23.0	31.0	11.0	-16.0
15	-1.0	-17.0	3.0	29.0	18.0	2.0	-7.0
16	-15.0	2.0	2.0	26.0	16.0	24.0	6.0
17	-38.0	8.0	1.0	20.0	23.0	26.0	22.0
18	-32.0	10.0	-2.0	22.0	23.0	30.0	28.0
19	-31.0	21.0	-3.0	24.0	24.0	27.0	20.0
20	-43.0	23.0	-1.0	32.0	51.0	24.0	12.0
21	-20.0	24.0	19.0	33.0	41.0	19.0	-6.0
22	-34.0	27.0	22.0	45.0	21.0	14.0	-15.0
23	-34.0	18.0	20.0	34.0	24.0	19.0	-16.0
24	-31.0	-16.0	27.0	35.0	25.0	16.0	22.0
25	-30.0	14.0	33.0	39.0	26.0	27.0	8.0
26	-25.0	-3.0	22.0	47.0	28.0	15.0	6.0
27	-13.0	12.0	12.0	39.0	23.0	9.0	0.0
28	0.0	7.0	14.0	27.0	33.0	18.0	0.0
29	-4.0		31.0	36.0	29.0	24.0	12.0
30	4.0		32.0	34.0	17.0	23.0	11.0
31	-10.0		24.0		24.0		9.0

1944

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	-3.0	16.0	7.0	31.0	29.0	4.0
2	22.0	0.0	15.0	15.0	20.0	27.0	10.0
3	20.0	10.0	-4.0	19.0	37.0	20.0	15.0
4	0.0	6.0	-21.0	15.0	50.0	20.0	13.0
5	-14.0	-21.0	14.0	20.0	43.0	25.0	19.0
6	-17.0	-9.0	10.0	28.0	43.0	32.0	18.0
7	-14.0	-18.0	3.0	21.0	37.0	32.0	21.0
8	1.0	-3.0	-2.0	20.0	34.0	34.0	20.0
9	13.0	-19.0	-17.0	22.0	26.0	30.0	-10.0
10	11.0	-25.0	20.0	25.0	25.0	-30.0	-13.0
11	-3.0	-26.0	24.0	27.0	27.0	31.0	-23.0
12	-13.0	-19.0	-12.0	31.0	46.0	35.0	10.0
13	13.0	-7.0	-2.0	32.0	33.0	35.0	14.0
14	12.0	-12.0	2.0	31.0	31.0	33.0	18.0
15	-7.0	-22.0	9.0	24.0	36.0	20.0	15.0
16	12.0	-2.0	14.0	27.0	39.0	19.0	3.0
17	15.0	-24.0	-4.0	25.0	53.0	21.0	-4.0
18	31.0	-16.0	-11.0	27.0	35.0	22.0	6.0
19	15.0	7.0	18.0	35.0	26.0	23.0	20.0
20	33.0	15.0	21.0	31.0	35.0	25.0	-3.0
21	28.0	8.0	23.0	37.0	22.0	24.0	-15.0
22	21.0	-1.0	25.0	38.0	25.0	28.0	-4.0
23	22.0	12.0	28.0	39.0	38.0	28.0	-4.0
24	20.0	10.0	15.0	40.0	29.0	29.0	-3.0
25	19.0	14.0	4.0	41.0	34.0	39.0	-15.0
26	17.0	-5.0	14.0	29.0	32.0	18.0	-7.0
27	0.0	-13.0	15.0	30.0	42.0	16.0	3.0
28	6.0	-11.0	12.0	40.0	33.0	12.0	10.0
29	12.0	-3.0	11.0	50.0	25.0	12.0	6.0
30	2.0		5.0	47.0	29.0	7.0	-2.0
31	0.0		15.0		29.0		-5.0

1945

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-13.0	1.0	12.0	20.0	42.0	30.0	30.0
2	-8.0	-9.0	-3.0	21.0	35.0	24.0	20.0
3	-13.0	8.0	-2.0	22.0	35.0	27.0	10.0
4	-19.0	-2.0	-1.0	23.0	42.0	29.0	29.0
5	-30.0	4.0	-16.0	25.0	31.0	24.0	26.0
6	-8.0	-8.0	10.0	29.0	40.0	27.0	25.0
7	-13.0	-14.0	6.0	28.0	38.0	18.0	15.0
8	-30.0	1.0	11.0	31.0	30.0	12.0	10.0
9	-21.0	23.0	20.0	35.0	28.0	-1.0	-10.0
10	-11.0	-2.0	22.0	28.0	33.0	-11.0	-13.0
11	5.0	-11.0	31.0	27.0	40.0	3.0	-25.0
12	6.0	-1.0	32.0	25.0	31.0	6.0	-5.0
13	-1.0	19.0	30.0	19.0	26.0	2.0	10.0
14	12.0	15.0	31.0	22.0	19.0	-4.0	-5.0
15	14.0	-1.0	30.0	29.0	33.0	12.0	-10.0
16	18.0	-15.0	31.0	32.0	45.0	10.0	-14.0
17	20.0	-18.0	29.0	20.0	49.0	8.0	-16.0
18	25.0	-17.0	25.0	19.0	38.0	-4.0	-11.0
19	13.0	-6.0	22.0	17.0	35.0	-2.0	-5.0
20	7.0	0.0	30.0	21.0	33.0	4.0	-16.0
21	19.0	20.0	35.0	22.0	30.0	-1.0	-22.0
22	17.0	7.0	32.0	21.0	25.0	7.0	-27.0
23	22.0	9.0	30.0	23.0	29.0	10.0	-10.0
24	10.0	23.0	38.0	20.0	23.0	12.0	5.0
25	7.0	-11.0	37.0	29.0	34.0	14.0	10.0
26	3.0	0.0	38.0	27.0	24.0	24.0	5.0
27	-9.0	10.0	33.0	28.0	19.0	24.0	0.0
28	-6.0	14.0	32.0	30.0	25.0	28.0	6.0
29	-10.0		30.0	30.0	23.0	29.0	0.0
30	-4.0		29.0	25.0	35.0	32.0	-4.0
31	-3.0		28.0		11.0		-20.0

1946

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-3.0	-18.0	11.0	33.0	38.0	18.0	-22.0
2	-2.0	-27.0	10.0	32.0	40.0	20.0	-4.0
3	5.0	-26.0	20.0	28.0	37.0	24.0	18.0
4	22.0	14.0	0.0	32.0	39.0	27.0	16.0
5	15.0	-7.0	12.0	22.0	34.0	30.0	19.0
6	10.0	-8.0	16.0	25.0	31.0	34.0	18.0
7	13.0	-5.0	15.0	32.0	31.0	32.0	16.0
8	10.0	-10.0	-10.0	22.0	30.0	30.0	28.0
9	14.0	-20.0	8.0	19.0	34.0	12.0	30.0
10	16.0	18.0	-8.0	30.0	36.0	22.0	8.0
11	-6.0	-19.0	15.0	34.0	29.0	20.0	28.0
12	-8.0	-15.0	20.0	35.0	14.0	29.0	-12.0
13	-20.0	-12.0	33.0	36.0	27.0	30.0	-15.0
14	-15.0	-21.0	20.0	36.0	32.0	33.0	-17.0
15	-20.0	-15.0	34.0	33.0	33.0	32.0	-13.0
16	-8.0	-19.0	33.0	40.0	32.0	10.0	-20.0
17	10.0	-18.0	34.0	41.0	28.0	-15.0	-10.0
18	-5.0	-9.0	30.0	33.0	29.0	4.0	-12.0
19	-3.0	-10.0	28.0	32.0	30.0	8.0	0.0
20	-15.0	-4.0	34.0	35.0	34.0	4.0	-6.0
21	12.0	12.0	31.0	40.0	38.0	-7.0	-4.0
22	10.0	6.0	25.0	42.0	42.0	3.0	10.0
23	8.0	15.0	29.0	35.0	43.0	10.0	5.0
24	12.0	-12.0	33.0	40.0	33.0	-2.0	-4.0
25	-21.0	-4.0	25.0	34.0	32.0	-12.0	-10.0
26	-18.0	6.0	37.0	25.0	30.0	0.0	-13.0
27	-10.0	11.0	45.0	32.0	30.0	-15.0	-5.0
28	-10.0	10.0	39.0	30.0	29.0	0.0	-13.0
29	-21.0		32.0	30.0	23.0	-15.0	-30.0
30	-15.0		33.0	36.0	20.0	-10.0	-20.0
31	-20.0		28.0		19.0		-32.0

1947

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-10.0	-15.0	5.0	18.0	39.0	38.0	22.0
2	-23.0	-20.0	10.0	25.0	41.0	39.0	7.0
3	-18.0	-18.0	0.0	34.0	42.0	43.0	-8.0
4	6.0	-22.0	0.0	32.0	40.0	38.0	-22.0
5	0.0	-18.0	0.0	20.0	38.0	32.0	15.0
6	8.0	-10.0	-5.0	14.0	35.0	25.0	20.0
7	12.0	0.0	-2.0	19.0	32.0	18.0	10.0
8	11.0	2.0	0.0	16.0	52.0	20.0	-17.0
9	15.0	0.0	14.0	18.0	34.0	15.0	-20.0
10	12.0	-15.0	15.0	34.0	32.0	11.0	-8.0
11	4.0	-6.0	30.0	20.0	38.0	10.0	-4.0
12	0.0	10.0	22.0	36.0	32.0	9.0	3.0
13	12.0	5.0	2.0	24.0	30.0	-5.0	15.0
14	10.0	4.0	4.0	16.0	27.0	8.0	18.0
15	-14.0	18.0	2.0	31.0	28.0	28.0	-15.0
16	-5.0	15.0	5.0	21.0	30.0	27.0	-19.0
17	0.0	-11.0	18.0	19.0	36.0	20.0	-19.0
18	2.0	-20.0	19.0	15.0	38.0	25.0	-5.0
19	12.0	-19.0	16.0	18.0	40.0	17.0	10.0
20	-5.0	-18.0	10.0	29.0	44.0	17.0	8.0
21	-18.0	-10.0	5.0	34.0	37.0	15.0	10.0
22	0.0	-14.0	34.0	20.0	36.0	10.0	0.0
23	24.0	-5.0	26.0	19.0	20.0	-8.0	-5.0
24	20.0	8.0	28.0	22.0	34.0	-7.0	8.0
25	34.0	10.0	8.0	19.0	32.0	-1.0	18.0
26	18.0	5.0	4.0	29.0	38.0	-12.0	20.0
27	15.0	-2.0	14.0	18.0	30.0	2.0	13.0
28	-21.0	-8.0	12.0	33.0	24.0	1.0	-11.0
29	-18.0		10.0	40.0	28.0	-15.0	11.0
30	-10.0		18.0	42.0	43.0	6.0	-14.0
31	-12.0		22.0		40.0		-30.0

1948

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-11.0	-8.0	-8.0	5.0	34.0	36.0	18.0
2	0.0	-19.0	-12.0	-3.0	38.0	35.0	24.0
3	24.0	-24.0	-12.0	8.0	36.0	26.0	28.0
4	15.0	-17.0	-10.0	30.0	42.0	21.0	22.0
5	10.0	-10.0	2.0	15.0	43.0	24.0	10.0
6	-2.0	-13.0	0.0	15.0	40.0	20.0	18.0
7	20.0	-20.0	12.0	15.0	36.0	24.0	20.0
8	22.0	-38.0	-10.0	12.0	33.0	15.0	-15.0
9	-16.0	-32.0	-22.0	-4.0	35.0	18.0	-15.0
10	-24.0	-30.0	-30.0	12.0	32.0	21.0	-34.0
11	20.0	-15.0	-22.0	24.0	33.0	20.0	10.0
12	-5.0	4.0	-4.0	11.0	38.0	18.0	-12.0
13	-10.0	19.0	0.0	7.0	34.0	10.0	-12.0
14	-20.0	-25.0	10.0	30.0	30.0	18.0	-11.0
15	-19.0	-4.0	12.0	20.0	36.0	30.0	5.0
16	-19.0	4.0	12.0	12.0	18.0	28.0	10.0
17	-34.0	-6.0	-21.0	34.0	12.0	19.0	-12.0
18	-19.0	-4.0	-8.0	35.0	24.0	4.0	-18.0
19	-25.0	-10.0	18.0	30.0	22.0	0.0	5.0
20	-5.0	-23.0	18.0	30.0	32.0	15.0	10.0
21	-13.0	0.0	18.0	30.0	41.0	16.0	-6.0
22	-35.0	21.0	25.0	30.0	43.0	12.0	-5.0
23	-40.0	10.0	30.0	45.0	44.0	22.0	-15.0
24	-22.0	15.0	8.0	42.0	36.0	26.0	-10.0
25	-6.0	18.0	20.0	40.0	32.0	24.0	-35.0
26	-23.0	19.0	15.0	37.0	31.0	18.0	-4.0
27	-27.0	12.0	2.0	31.0	27.0	10.0	5.0
28	-2.0	8.0	27.0	25.0	28.0	-4.0	-10.0
29	0.0	-3.0	11.0	25.0	38.0	15.0	5.0
30	-5.0		24.0	30.0	41.0	-4.0	10.0
31	-5.0		10.0		45.0		8.0

1949

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	-20.0	4.0	15.0	33.0	40.0	14.0
2	16.0	-22.0	4.0	19.0	36.0	20.0	25.0
3	20.0	-31.0	12.0	20.0	37.0	33.0	24.0
4	-8.0	-20.0	28.0	31.0	31.0	30.0	24.0
5	5.0	-24.0	12.0	26.0	39.0	34.0	10.0
6	10.0	-18.0	-10.0	30.0	44.0	35.0	12.0
7	20.0	-10.0	20.0	30.0	35.0	36.0	-3.0
8	-8.0	-12.0	-15.0	21.0	33.0	25.0	-4.0
9	-10.0	-27.0	-18.0	33.0	20.0	27.0	-2.0
10	-25.0	-31.0	-17.0	30.0	34.0	28.0	-4.0
11	-25.0	10.0	0.0	33.0	36.0	30.0	-2.0
12	15.0	-13.0	7.0	40.0	30.0	34.0	-10.0
13	25.0	-35.0	-10.0	27.0	34.0	32.0	-14.0
14	20.0	-15.0	-11.0	30.0	32.0	30.0	-15.0
15	12.0	15.0	-6.0	20.0	34.0	23.0	-5.0
16	-18.0	-10.0	2.0	31.0	35.0	24.0	5.0
17	-31.0	-12.0	2.0	17.0	36.0	25.0	10.0
18	-2.0	-10.0	-5.0	17.0	35.0	28.0	5.0
19	-30.0	-24.0	4.0	35.0	30.0	29.0	8.0
20	-52.0	-32.0	12.0	40.0	21.0	24.0	-10.0
21	-34.0	-4.0	17.0	40.0	24.0	5.0	-22.0
22	-25.0	-15.0	12.0	42.0	25.0	17.0	-10.0
23	-19.0	9.0	20.0	24.0	30.0	15.0	-24.0
24	-18.0	-12.0	25.0	40.0	15.0	10.0	-30.0
25	-27.0	0.0	30.0	41.0	26.0	-8.0	-20.0
26	-22.0	10.0	30.0	39.0	18.0	20.0	-15.0
27	5.0	-5.0	30.0	40.0	28.0	22.0	-12.0
28	-19.0	-22.0	26.0	50.0	36.0	35.0	-17.0
29	-23.0		18.0	51.0	48.0	23.0	-19.0
30	-19.0		14.0	52.0	25.0	18.0	-12.0
31	0.0		15.0		18.0		-10.0

1950

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-12.0	-20.0	-8.0	20.0	33.0	30.0	-6.0
2	-14.0	8.0	-24.0	29.0	30.0	29.0	-15.0
3	-27.0	0.0	-12.0	15.0	32.0	21.0	-10.0
4	-30.0	-10.0	20.0	20.0	30.0	34.0	-13.0
5	-30.0	-5.0	16.0	15.0	35.0	36.0	-20.0
6	-35.0	-7.0	18.0	28.0	42.0	30.0	-25.0
7	-34.0	10.0	-3.0	6.0	38.0	31.0	-8.0
8	-20.0	4.0	-8.0	10.0	38.0	28.0	11.0
9	-10.0	-8.0	-12.0	25.0	40.0	18.0	10.0
10	-15.0	-10.0	-8.0	27.0	40.0	8.0	2.0
11	-21.0	-20.0	-16.0	17.0	32.0	-4.0	12.0
12	-30.0	-4.0	-4.0	3.0	30.0	4.0	20.0
13	-34.0	0.0	-5.0	10.0	42.0	18.0	14.0
14	-25.0	-15.0	-2.0	18.0	35.0	29.0	-5.0
15	-20.0	-5.0	0.0	32.0	38.0	22.0	-17.0
16	-25.0	0.0	-2.0	33.0	34.0	20.0	-20.0
17	-34.0	10.0	-5.0	33.0	39.0	29.0	-12.0
18	-30.0	-15.0	0.0	35.0	33.0	15.0	-2.0
19	-30.0	-15.0	0.0	25.0	35.0	4.0	-4.0
20	-18.0	-10.0	10.0	25.0	38.0	0.0	-2.0
21	-15.0	-10.0	15.0	30.0	30.0	10.0	-8.0
22	-5.0	10.0	22.0	40.0	25.0	15.0	10.0
23	-18.0	-20.0	20.0	32.0	26.0	-15.0	25.0
24	-15.0	-31.0	25.0	33.0	35.0	-8.0	-12.0
25	-29.0	-35.0	20.0	25.0	19.0	-6.0	-12.0
26	-32.0	-12.0	22.0	21.0	28.0	6.0	-28.0
27	-39.0	10.0	21.0	20.0	30.0	3.0	-12.0
28	-30.0	6.0	10.0	18.0	45.0	9.0	-7.0
29	-32.0		8.0	24.0	43.0	4.0	-14.0
30	-34.0		27.0	31.0	46.0	0.0	-12.0
31	-36.0		28.0		50.0		-7.0

1951

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-8.0	-22.0	6.0	21.0	40.0	4.0	18.0
2	-7.0	-7.0	-7.0	25.0	44.0	1.0	30.0
3	-19.0	-6.0	-6.0	22.0	46.0	0.0	31.0
4	-11.0	-12.0	-7.0	26.0	44.0	0.0	22.0
5	-34.0	-24.0	-6.0	33.0	32.0	2.0	29.0
6	-22.0	-18.0	-15.0	27.0	34.0	10.0	32.0
7	-12.0	-22.0	-15.0	29.0	21.0	14.0	28.0
8	9.0	-20.0	-5.0	25.0	35.0	16.0	15.0
9	22.0	-18.0	-22.0	26.0	36.0	30.0	3.0
10	12.0	-10.0	-15.0	31.0	42.0	28.0	4.0
11	0.0	-15.0	-14.0	20.0	32.0	21.0	-5.0
12	-8.0	-22.0	-12.0	20.0	32.0	35.0	-14.0
13	7.0	-30.0	-11.0	21.0	39.0	30.0	-17.0
14	5.0	-27.0	-1.0	29.0	45.0	29.0	-16.0
15	0.0	-10.0	6.0	20.0	44.0	21.0	-20.0
16	2.0	-5.0	12.0	17.0	36.0	17.0	-16.0
17	0.0	9.0	15.0	14.0	34.0	5.0	-17.0
18	-8.0	6.0	-5.0	20.0	16.0	-7.0	-31.0
19	-17.0	4.0	3.0	19.0	19.0	4.0	-20.0
20	-20.0	5.0	2.0	22.0	30.0	12.0	-22.0
21	-22.0	20.0	-11.0	20.0	20.0	15.0	-16.0
22	-10.0	7.0	-14.0	17.0	21.0	-7.0	-17.0
23	-2.0	-1.0	3.0	26.0	18.0	-16.0	-29.0
24	-9.0	30.0	3.0	18.0	30.0	-10.0	-17.0
25	-10.0	32.0	20.0	32.0	30.0	-6.0	-5.0
26	-20.0	31.0	29.0	30.0	15.0	-4.0	-3.0
27	-33.0	12.0	28.0	45.0	12.0	11.0	-15.0
28	-39.0	0.0	21.0	44.0	28.0	20.0	-13.0
29	-25.0		20.0	33.0	32.0	29.0	4.0
30	-24.0		21.0	49.0	30.0	30.0	-5.0
31	-24.0		18.0		7.0		-15.0

1952

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-20.0	18.0	-15.0	34.0	33.0	28.0	5.0
2	-18.0	15.0	-20.0	29.0	25.0	27.0	15.0
3	8.0	17.0	-8.0	23.0	27.0	12.0	29.0
4	5.0	12.0	-19.0	20.0	22.0	25.0	20.0
5	-7.0	17.0	-12.0	27.0	30.0	39.0	25.0
6	15.0	5.0	0.0	30.0	20.0	20.0	20.0
7	17.0	22.0	12.0	31.0	34.0	13.0	15.0
8	8.0	15.0	10.0	30.0	37.0	25.0	15.0
9	0.0	12.0	21.0	17.0	35.0	20.0	15.0
10	-12.0	15.0	14.0	11.0	30.0	25.0	17.0
11	11.0	6.0	10.0	22.0	29.0	27.0	18.0
12	-18.0	24.0	12.0	23.0	25.0	29.0	14.0
13	-2.0	22.0	7.0	26.0	36.0	30.0	10.0
14	0.0	22.0	5.0	30.0	37.0	26.0	-2.0
15	-2.0	11.0	9.0	30.0	20.0	22.0	25.0
16	-2.0	-7.0	0.0	38.0	10.0	33.0	19.0
17	-10.0	-12.0	22.0	35.0	20.0	34.0	3.0
18	-13.0	-12.0	22.0	52.0	35.0	30.0	-10.0
19	-14.0	-10.0	25.0	35.0	24.0	25.0	-5.0
20	-20.0	-7.0	20.0	46.0	22.0	23.0	17.0
21	-14.0	-8.0	11.0	42.0	36.0	30.0	18.0
22	-28.0	-16.0	4.0	24.0	40.0	18.0	23.0
23	-21.0	-7.0	-1.0	29.0	41.0	17.0	8.0
24	-20.0	-1.0	4.0	39.0	30.0	15.0	0.0
25	-21.0	10.0	10.0	40.0	29.0	10.0	10.0
26	-11.0	10.0	22.0	50.0	40.0	5.0	0.0
27	-13.0	15.0	15.0	45.0	20.0	4.0	-2.0
28	-22.0	-5.0	29.0	50.0	13.0	0.0	10.0
29	-27.0	-8.0	32.0	52.0	26.0	5.0	8.0
30	10.0		25.0	50.0	38.0	0.0	12.0
31	20.0		30.0		36.0		12.0

1953

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	14.0	-25.0	-25.0	29.0	35.0	36.0	19.0
2	13.0	-25.0	4.0	33.0	42.0	34.0	25.0
3	18.0	-5.0	13.0	30.0	40.0	28.0	7.0
4	15.0	6.0	9.0	30.0	36.0	12.0	5.0
5	-17.0	15.0	-10.0	21.0	33.0	20.0	8.0
6	-18.0	-1.0	-15.0	20.0	15.0	23.0	15.0
7	-15.0	-9.0	-14.0	23.0	30.0	32.0	20.0
8	7.0	-13.0	10.0	31.0	33.0	30.0	5.0
9	7.0	-11.0	20.0	28.0	38.0	24.0	9.0
10	17.0	4.0	27.0	26.0	36.0	26.0	20.0
11	-7.0	6.0	25.0	15.0	30.0	33.0	15.0
12	3.0	12.0	7.0	15.0	35.0	30.0	7.0
13	-5.0	14.0	0.0	14.0	38.0	24.0	10.0
14	-10.0	0.0	18.0	30.0	40.0	35.0	15.0
15	-26.0	-14.0	10.0	23.0	36.0	28.0	-2.0
16	-25.0	-10.0	8.0	14.0	44.0	40.0	-25.0
17	10.0	-12.0	21.0	12.0	55.0	27.0	0.0
18	-10.0	0.0	6.0	20.0	47.0	30.0	-2.0
19	-7.0	-6.0	29.0	24.0	43.0	30.0	-6.0
20	-18.0	-10.0	29.0	22.0	48.0	17.0	20.0
21	5.0	-19.0	33.0	38.0	53.0	23.0	6.0
22	-12.0	10.0	32.0	42.0	45.0	23.0	-6.0
23	15.0	15.0	10.0	36.0	38.0	18.0	-7.0
24	10.0	12.0	11.0	30.0	29.0	27.0	28.0
25	6.0	24.0	7.0	34.0	34.0	24.0	27.0
26	17.0	23.0	21.0	28.0	20.0	11.0	7.0
27	8.0	0.0	26.0	28.0	25.0	22.0	6.0
28	-18.0	-5.0	20.0	24.0	29.0	21.0	15.0
29	-10.0		29.0	29.0	45.0	22.0	-25.0
30	5.0		35.0	39.0	28.0	11.0	-18.0
31	-18.0		23.0		29.0		-12.0

1954

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-5.0	30.0	15.0	-5.0	33.0	22.0	10.0
2	0.0	30.0	0.0	-9.0	28.0	12.0	8.0
3	-5.0	15.0	-5.0	-8.0	37.0	15.0	20.0
4	4.0	32.0	-10.0	15.0	31.0	20.0	10.0
5	0.0	11.0	-2.0	25.0	22.0	26.0	11.0
6	12.0	10.0	20.0	30.0	20.0	30.0	10.0
7	-13.0	20.0	12.0	24.0	25.0	32.0	18.0
8	-10.0	29.0	16.0	10.0	34.0	22.0	20.0
9	-22.0	21.0	20.0	29.0	39.0	23.0	16.0
10	-10.0	7.0	15.0	32.0	40.0	35.0	10.0
11	-15.0	-13.0	20.0	20.0	48.0	24.0	13.0
12	-25.0	-15.0	10.0	32.0	46.0	27.0	11.0
13	0.0	5.0	5.0	33.0	40.0	33.0	20.0
14	-18.0	6.0	5.0	32.0	34.0	14.0	28.0
15	-20.0	5.0	6.0	36.0	36.0	28.0	20.0
16	-33.0	15.0	18.0	27.0	31.0	20.0	23.0
17	-25.0	22.0	20.0	35.0	23.0	35.0	16.0
18	-15.0	28.0	24.0	33.0	22.0	20.0	15.0
19	-30.0	26.0	17.0	22.0	24.0	24.0	12.0
20	-34.0	15.0	7.0	20.0	37.0	25.0	20.0
21	-33.0	15.0	20.0	28.0	35.0	25.0	20.0
22	-25.0	25.0	18.0	10.0	50.0	24.0	31.0
23	-12.0	28.0	26.0	32.0	43.0	40.0	31.0
24	-20.0	30.0	30.0	30.0	42.0	30.0	10.0
25	-30.0	28.0	17.0	25.0	31.0	24.0	15.0
26	-29.0	30.0	4.0	35.0	25.0	20.0	-5.0
27	-30.0	24.0	4.0	35.0	30.0	20.0	-4.0
28	-22.0	10.0	-5.0	30.0	39.0	16.0	7.0
29	-12.0		2.0	25.0	24.0	16.0	20.0
30	-16.0		2.0	20.0	20.0	8.0	-9.0
31	-14.0		9.0		24.0		-10.0

1955

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	3.0	4.0	-14.0	34.0	33.0	25.0	-1.0
2	-3.0	-22.0	-20.0	30.0	21.0	18.0	6.0
3	-8.0	-14.0	0.0	35.0	40.0	10.0	-18.0
4	-10.0	11.0	-17.0	33.0	44.0	23.0	-15.0
5	-6.0	-2.0	-10.0	33.0	52.0	31.0	-13.0
6	-7.0	5.0	-22.0	25.0	34.0	19.0	0.0
7	-10.0	-4.0	-21.0	27.0	32.0	14.0	-15.0
8	12.0	5.0	20.0	35.0	45.0	18.0	-16.0
9	10.0	-9.0	15.0	37.0	42.0	32.0	-26.0
10	2.0	-20.0	2.0	42.0	41.0	31.0	-24.0
11	-8.0	-26.0	0.0	45.0	38.0	18.0	-20.0
12	-5.0	-28.0	11.0	35.0	39.0	3.0	-11.0
13	-8.0	-7.0	0.0	25.0	25.0	-7.0	-3.0
14	14.0	10.0	10.0	35.0	30.0	2.0	-5.0
15	-4.0	14.0	0.0	40.0	30.0	6.0	-9.0
16	-15.0	14.0	-16.0	35.0	26.0	13.0	-6.0
17	-18.0	26.0	-15.0	30.0	25.0	15.0	-10.0
18	-3.0	10.0	-10.0	34.0	21.0	8.0	-25.0
19	8.0	-6.0	5.0	38.0	30.0	13.0	-31.0
20	10.0	-3.0	-13.0	42.0	33.0	15.0	-15.0
21	7.0	-1.0	-9.0	30.0	24.0	7.0	-10.0
22	3.0	-12.0	0.0	29.0	40.0	17.0	-6.0
23	2.0	-12.0	10.0	30.0	32.0	-5.0	5.0
24	-7.0	-30.0	-9.0	40.0	14.0	-12.0	2.0
25	-18.0	-11.0	-10.0	35.0	37.0	-11.0	-20.0
26	-22.0	-19.0	4.0	40.0	40.0	11.0	-5.0
27	-25.0	-14.0	-12.0	50.0	38.0	-5.0	12.0
28	-20.0	-14.0	7.0	45.0	32.0	-4.0	-5.0
29	-20.0		16.0	35.0	25.0	-2.0	-14.0
30	-18.0		17.0	50.0	20.0	-16.0	-2.0
31	-12.0		26.0		30.0		11.0

1956

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-6.0	-12.0	10.0	24.0	35.0	39.0	27.0
2	5.0	-4.0	5.0	23.0	40.0	35.0	34.0
3	-5.0	-8.0	-4.0	18.0	38.0	34.0	8.0
4	-10.0	20.0	10.0	25.0	34.0	40.0	1.0
5	5.0	8.0	15.0	18.0	40.0	38.0	0.0
6	-10.0	5.0	-3.0	16.0	37.0	34.0	-15.0
7	-24.0	20.0	-9.0	11.0	30.0	20.0	-10.0
8	-4.0	6.0	-20.0	9.0	35.0	13.0	8.0
9	23.0	25.0	-5.0	9.0	25.0	20.0	0.0
10	-5.0	8.0	-12.0	20.0	23.0	26.0	-9.0
11	-4.0	18.0	-21.0	30.0	33.0	38.0	-23.0
12	-1.0	4.0	-15.0	17.0	38.0	26.0	-21.0
13	-6.0	12.0	0.0	22.0	39.0	30.0	-20.0
14	10.0	-9.0	-26.0	30.0	30.0	20.0	-20.0
15	-11.0	-6.0	-16.0	30.0	33.0	10.0	0.0
16	-25.0	-21.0	12.0	23.0	40.0	3.0	-15.0
17	-15.0	-35.0	20.0	25.0	35.0	10.0	-30.0
18	-10.0	-18.0	20.0	27.0	29.0	20.0	-15.0
19	-25.0	-25.0	9.0	25.0	40.0	20.0	5.0
20	-23.0	-20.0	29.0	30.0	42.0	5.0	20.0
21	-20.0	-22.0	29.0	30.0	38.0	10.0	12.0
22	-23.0	-16.0	3.0	20.0	40.0	-1.0	6.0
23	-20.0	-3.0	-1.0	20.0	17.0	-4.0	-5.0
24	0.0	8.0	2.0	25.0	40.0	30.0	0.0
25	15.0	-12.0	29.0	13.0	38.0	22.0	18.0
26	13.0	-16.0	15.0	20.0	29.0	20.0	32.0
27	-12.0	-15.0	22.0	10.0	20.0	26.0	22.0
28	15.0	-12.0	20.0	15.0	29.0	16.0	25.0
29	0.0	-6.0	19.0	22.0	23.0	15.0	20.0
30	-5.0		6.0	26.0	35.0	30.0	18.0
31	-15.0		16.0		29.0		-10.0

1957

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-20.0	-18.0	10.0	24.0	48.0	30.0	10.0
2	-17.0	-18.0	-10.0	14.0	40.0	30.0	-8.0
3	10.0	-2.0	-3.0	26.0	50.0	27.0	10.0
4	-10.0	-2.0	10.0	32.0	50.0	19.0	18.0
5	0.0	5.0	0.0	30.0	50.0	34.0	12.0
6	2.0	7.0	-2.0	29.0	43.0	31.0	15.0
7	-6.0	-1.0	0.0	14.0	40.0	29.0	20.0
8	-12.0	5.0	18.0	22.0	38.0	15.0	8.0
9	-25.0	12.0	-10.0	12.0	30.0	5.0	28.0
10	-10.0	13.0	0.0	20.0	28.0	10.0	-10.0
11	-15.0	5.0	20.0	10.0	27.0	20.0	-12.0
12	-20.0	21.0	10.0	19.0	35.0	28.0	6.0
13	-25.0	7.0	0.0	22.0	32.0	29.0	11.0
14	-6.0	-3.0	6.0	24.0	50.0	30.0	12.0
15	-18.0	23.0	8.0	32.0	49.0	30.0	10.0
16	-25.0	-7.0	9.0	32.0	38.0	24.0	11.0
17	5.0	2.0	8.0	28.0	30.0	24.0	30.0
18	6.0	-12.0	10.0	34.0	27.0	20.0	33.0
19	5.0	-9.0	15.0	35.0	28.0	25.0	20.0
20	5.0	-4.0	30.0	35.0	26.0	20.0	16.0
21	-5.0	-11.0	29.0	30.0	37.0	12.0	20.0
22	-15.0	-17.0	32.0	48.0	26.0	10.0	20.0
23	-25.0	-23.0	30.0	49.0	27.0	30.0	5.0
24	-25.0	0.0	25.0	50.0	20.0	0.0	5.0
25	-23.0	12.0	30.0	40.0	15.0	16.0	10.0
26	-5.0	-5.0	28.0	31.0	21.0	18.0	0.0
27	0.0	12.0	30.0	28.0	30.0	14.0	15.0
28	-8.0	28.0	30.0	30.0	35.0	22.0	-17.0
29	-30.0		28.0	40.0	40.0	-4.0	-25.0
30	5.0		20.0	45.0	35.0	0.0	-25.0
31	-30.0		30.0		35.0		-19.0

1958

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	1.0	5.0	7.0	40.0	29.0	25.0	-4.0
2	-13.0	-6.0	8.0	29.0	24.0	35.0	3.0
3	-7.0	-9.0	16.0	40.0	44.0	36.0	-2.0
4	3.0	0.0	12.0	29.0	36.0	33.0	5.0
5	19.0	-6.0	0.0	30.0	20.0	30.0	-4.0
6	0.0	-12.0	-7.0	30.0	38.0	22.0	-10.0
7	-4.0	-15.0	7.0	27.0	39.0	26.0	-22.0
8	21.0	-12.0	15.0	25.0	40.0	30.0	-20.0
9	19.0	-17.0	25.0	20.0	36.0	22.0	-20.0
10	21.0	-20.0	23.0	38.0	31.0	15.0	-28.0
11	10.0	-10.0	10.0	30.0	25.0	30.0	-10.0
12	24.0	-3.0	10.0	30.0	38.0	29.0	-20.0
13	6.0	-4.0	19.0	42.0	31.0	30.0	-16.0
14	-10.0	-13.0	20.0	50.0	39.0	29.0	-25.0
15	7.0	-31.0	15.0	40.0	47.0	21.0	1.0
16	9.0	-36.0	16.0	43.0	38.0	27.0	2.0
17	-2.0	-26.0	8.0	38.0	35.0	25.0	-10.0
18	19.0	-20.0	8.0	27.0	31.0	25.0	-4.0
19	1.0	-14.0	14.0	41.0	36.0	14.0	-25.0
20	-12.0	14.0	10.0	29.0	34.0	25.0	-5.0
21	13.0	-4.0	4.0	30.0	38.0	20.0	-2.0
22	-3.0	13.0	20.0	30.0	43.0	21.0	10.0
23	-13.0	30.0	28.0	29.0	39.0	10.0	15.0
24	7.0	31.0	30.0	20.0	30.0	-15.0	5.0
25	24.0	30.0	30.0	19.0	34.0	10.0	0.0
26	10.0	30.0	25.0	24.0	38.0	-1.0	10.0
27	12.0	13.0	23.0	35.0	39.0	-15.0	9.0
28	14.0	5.0	30.0	10.0	32.0	-10.0	2.0
29	2.0		30.0	9.0	30.0	-25.0	-10.0
30	1.0		29.0	35.0	35.0	-20.0	10.0
31	-1.0		30.0		30.0		-5.0

1959

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	20.0	-29.0	19.0	24.0	24.0	28.0	26.0
2	-25.0	-11.0	30.0	32.0	30.0	24.0	26.0
3	-25.0	-5.0	8.0	30.0	40.0	20.0	30.0
4	-25.0	-9.0	0.0	40.0	2.0	18.0	25.0
5	-26.0	-15.0	16.0	30.0	30.0	14.0	6.0
6	-27.0	-33.0	15.0	33.0	33.0	5.0	16.0
7	-5.0	-20.0	20.0	35.0	35.0	30.0	25.0
8	-5.0	-28.0	8.0	20.0	31.0	14.0	19.0
9	-20.0	-16.0	21.0	21.0	27.0	25.0	13.0
10	5.0	-21.0	20.0	20.0	30.0	20.0	14.0
11	8.0	-20.0	21.0	23.0	29.0	10.0	13.0
12	5.0	-6.0	9.0	34.0	27.0	5.0	8.0
13	5.0	-29.0	30.0	34.0	25.0	2.0	24.0
14	12.0	-18.0	15.0	31.0	30.0	-5.0	14.0
15	-14.0	-12.0	-5.0	33.0	30.0	2.0	27.0
16	-25.0	-8.0	-2.0	23.0	31.0	-10.0	30.0
17	-27.0	-6.0	-5.0	30.0	20.0	-15.0	25.0
18	-15.0	-17.0	37.0	22.0	25.0	10.0	14.0
19	-14.0	-19.0	20.0	20.0	33.0	-5.0	0.0
20	-13.0	9.0	0.0	31.0	28.0	0.0	2.0
21	-12.0	0.0	-9.0	45.0	29.0	20.0	8.0
22	-20.0	10.0	14.0	40.0	30.0	24.0	20.0
23	-26.0	10.0	23.0	25.0	29.0	25.0	8.0
24	-10.0	10.0	20.0	30.0	35.0	8.0	15.0
25	-20.0	12.0	20.0	20.0	30.0	2.0	20.0
26	-17.0	20.0	19.0	24.0	20.0	-5.0	30.0
27	-10.0	32.0	15.0	30.0	25.0	12.0	22.0
28	-11.0	23.0	30.0	30.0	30.0	5.0	10.0
29	-10.0		31.0	32.0	30.0	21.0	12.0
30	-23.0		34.0	37.0	28.0	18.0	6.0
31	-24.0		23.0		32.0		0.0

1960

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	14.0	-7.0	-18.0	24.0	40.0	32.0	-3.0
2	0.0	15.0	-18.0	22.0	33.0	30.0	14.0
3	-17.0	15.0	-16.0	25.0	30.0	30.0	17.0
4	-22.0	25.0	-15.0	20.0	40.0	32.0	13.0
5	-20.0	27.0	-10.0	23.0	45.0	24.0	8.0
6	-20.0	18.0	-14.0	36.0	42.0	32.0	-3.0
7	-5.0	4.0	-11.0	28.0	39.0	28.0	-8.0
8	-23.0	12.0	12.0	14.0	39.0	19.0	-22.0
9	-5.0	-10.0	15.0	9.0	43.0	8.0	2.0
10	0.0	-16.0	10.0	28.0	40.0	4.0	-8.0
11	5.0	-14.0	-2.0	39.0	24.0	18.0	-6.0
12	8.0	-6.0	-1.0	28.0	37.0	19.0	-10.0
13	5.0	-2.0	-5.0	32.0	37.0	22.0	14.0
14	-10.0	15.0	-7.0	37.0	33.0	17.0	21.0
15	-11.0	18.0	12.0	39.0	30.0	20.0	7.0
16	8.0	5.0	12.0	33.0	40.0	23.0	8.0
17	3.0	-4.0	21.0	28.0	30.0	9.0	-2.0
18	3.0	-8.0	27.0	29.0	31.0	9.0	6.0
19	5.0	-19.0	9.0	38.0	20.0	16.0	-14.0
20	-5.0	-9.0	3.0	41.0	14.0	33.0	-10.0
21	-10.0	-12.0	27.0	39.0	30.0	30.0	-9.0
22	-2.0	-10.0	-6.0	34.0	31.0	21.0	-6.0
23	-9.0	-5.0	18.0	32.0	20.0	16.0	-9.0
24	-5.0	-8.0	-8.0	29.0	23.0	18.0	3.0
25	-20.0	-5.0	14.0	30.0	37.0	15.0	8.0
26	-15.0	0.0	15.0	29.0	35.0	12.0	-12.0
27	-2.0	-10.0	20.0	19.0	36.0	5.0	-21.0
28	-4.0	-5.0	9.0	34.0	34.0	8.0	15.0
29	-15.0	-15.0	32.0	22.0	41.0	0.0	4.0
30	-10.0		8.0	20.0	37.0	-4.0	2.0
31	8.0		24.0		30.0		-10.0

1961

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-22.0	-22.0	14.0	7.0	20.0	30.0	10.0
2	-14.0	-27.0	25.0	12.0	27.0	25.0	5.0
3	-30.0	-10.0	4.0	26.0	25.0	11.0	9.0
4	17.0	0.0	-14.0	29.0	37.0	14.0	5.0
5	15.0	16.0	12.0	14.0	47.0	23.0	-5.0
6	30.0	12.0	2.0	15.0	35.0	20.0	0.0
7	6.0	17.0	10.0	20.0	42.0	25.0	3.0
8	-15.0	20.0	20.0	31.0	25.0	5.0	-13.0
9	15.0	20.0	16.0	20.0	19.0	15.0	-10.0
10	15.0	15.0	26.0	10.0	31.0	28.0	-20.0
11	10.0	29.0	9.0	20.0	38.0	39.0	-20.0
12	5.0	26.0	-7.0	10.0	40.0	28.0	-16.0
13	14.0	20.0	10.0	31.0	32.0	5.0	-17.0
14	-5.0	0.0	25.0	25.0	26.0	29.0	-21.0
15	4.0	-10.0	5.0	15.0	40.0	30.0	-22.0
16	29.0	4.0	-2.0	15.0	42.0	28.0	-17.0
17	10.0	-10.0	25.0	20.0	42.0	5.0	3.0
18	-1.0	-15.0	26.0	34.0	35.0	18.0	-8.0
19	-5.0	-5.0	24.0	40.0	24.0	20.0	-18.0
20	-8.0	-7.0	25.0	48.0	30.0	21.0	-22.0
21	-7.0	12.0	30.0	31.0	28.0	24.0	-10.0
22	-24.0	15.0	32.0	35.0	31.0	25.0	4.0
23	-17.0	10.0	30.0	24.0	20.0	18.0	-14.0
24	-32.0	-10.0	25.0	29.0	25.0	4.0	-20.0
25	-17.0	0.0	36.0	35.0	21.0	20.0	-10.0
26	-22.0	4.0	37.0	30.0	16.0	10.0	-10.0
27	-10.0	15.0	25.0	24.0	36.0	3.0	-9.0
28	-1.0	14.0	15.0	31.0	29.0	5.0	-10.0
29	-10.0		21.0	24.0	20.0	0.0	-2.0
30	-6.0		26.0	24.0	30.0	0.0	-5.0
31	-5.0		24.0		40.0		-4.0

1962

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.0	-20.0	-42.0	15.0	43.0	32.0	28.0
2	10.0	-18.0	-30.0	5.0	45.0	16.0	29.0
3	30.0	28.0	-22.0	7.0	39.0	17.0	29.0
4	-5.0	10.0	6.0	15.0	39.0	18.0	25.0
5	-30.0	-18.0	3.0	20.0	38.0	19.0	10.0
6	-25.0	-28.0	-22.0	14.0	42.0	31.0	6.0
7	0.0	-30.0	-21.0	14.0	37.0	26.0	10.0
8	-18.0	-24.0	5.0	16.0	43.0	15.0	12.0
9	-20.0	-27.0	16.0	8.0	43.0	36.0	10.0
10	-20.0	-24.0	16.0	5.0	42.0	28.0	0.0
11	-16.0	-4.0	14.0	0.0	46.0	30.0	-15.0
12	8.0	15.0	10.0	8.0	37.0	26.0	-15.0
13	-5.0	15.0	12.0	8.0	33.0	25.0	3.0
14	-12.0	5.0	10.0	5.0	58.0	27.0	-7.0
15	-18.0	12.0	-6.0	5.0	52.0	23.0	20.0
16	-25.0	-18.0	5.0	31.0	34.0	17.0	22.0
17	-33.0	-25.0	8.0	33.0	36.0	14.0	31.0
18	-25.0	-28.0	8.0	34.0	42.0	15.0	31.0
19	-28.0	-16.0	25.0	25.0	33.0	12.0	-2.0
20	-25.0	-18.0	12.0	34.0	29.0	32.0	-5.0
21	-10.0	-20.0	2.0	35.0	32.0	19.0	14.0
22	-14.0	-30.0	12.0	29.0	34.0	8.0	2.0
23	-10.0	-27.0	-1.0	33.0	28.0	21.0	-10.0
24	5.0	-15.0	3.0	35.0	29.0	21.0	-9.0
25	-5.0	-20.0	25.0	41.0	18.0	24.0	-20.0
26	-10.0	-20.0	30.0	38.0	29.0	24.0	-21.0
27	-15.0	-35.0	30.0	36.0	29.0	38.0	-16.0
28	-20.0	-34.0	31.0	38.0	28.0	33.0	3.0
29	-10.0		27.0	34.0	41.0	27.0	-16.0
30	-16.0		15.0	35.0	35.0	27.0	-10.0
31	-16.0		18.0		24.0		4.0

1963

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	4.0	-3.0	14.0	20.0	54.0	21.0	2.0
2	10.0	-20.0	17.0	20.0	50.0	20.0	10.0
3	2.0	-21.0	13.0	18.0	33.0	29.0	21.0
4	7.0	-3.0	-4.0	18.0	40.0	25.0	20.0
5	0.0	1.0	17.0	26.0	48.0	28.0	21.0
6	5.0	10.0	20.0	31.0	48.0	24.0	26.0
7	20.0	10.0	14.0	33.0	44.0	30.0	28.0
8	33.0	15.0	-12.0	35.0	35.0	21.0	11.0
9	-10.0	14.0	2.0	28.0	40.0	24.0	-7.0
10	-20.0	-9.0	4.0	25.0	41.0	30.0	-10.0
11	-21.0	-3.0	19.0	24.0	26.0	24.0	-12.0
12	-22.0	0.0	-1.0	29.0	28.0	26.0	-11.0
13	-24.0	1.0	-9.0	33.0	35.0	24.0	-4.0
14	-26.0	-16.0	4.0	40.0	50.0	16.0	-15.0
15	-22.0	-10.0	3.0	42.0	48.0	16.0	-23.0
16	-11.0	3.0	4.0	45.0	49.0	20.0	-26.0
17	-17.0	7.0	-6.0	20.0	47.0	24.0	-25.0
18	-32.0	-20.0	7.0	21.0	49.0	22.0	-20.0
19	-27.0	0.0	28.0	25.0	45.0	10.0	-25.0
20	-27.0	-24.0	15.0	20.0	44.0	14.0	-30.0
21	-30.0	-21.0	15.0	21.0	46.0	9.0	-31.0
22	-33.0	-11.0	35.0	19.0	44.0	9.0	-25.0
23	-30.0	-7.0	39.0	20.0	47.0	1.0	0.0
24	-15.0	-10.0	34.0	31.0	44.0	-10.0	20.0
25	-15.0	-12.0	21.0	30.0	45.0	-5.0	10.0
26	-17.0	2.0	24.0	35.0	40.0	18.0	0.0
27	-18.0	1.0	23.0	38.0	34.0	25.0	-15.0
28	-2.0	0.0	33.0	36.0	33.0	20.0	-21.0
29	-15.0		44.0	30.0	36.0	18.0	-25.0
30	-15.0		19.0	21.0	25.0	2.0	-24.0
31	-10.0		26.0		24.0		-5.0

1964

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	12.0	12.0	25.0	10.0	36.0	37.0	-10.0
2	32.0	0.0	5.0	20.0	40.0	38.0	-25.0
3	22.0	16.0	5.0	20.0	34.0	42.0	-30.0
4	17.0	28.0	-9.0	22.0	35.0	34.0	-30.0
5	7.0	19.0	-10.0	30.0	32.0	25.0	-30.0
6	5.0	18.0	-6.0	30.0	34.0	24.0	-10.0
7	0.0	0.0	-5.0	20.0	34.0	30.0	18.0
8	4.0	-15.0	0.0	24.0	25.0	33.0	6.0
9	-12.0	-10.0	8.0	30.0	16.0	28.0	8.0
10	-25.0	-15.0	9.0	30.0	18.0	30.0	10.0
11	-30.0	-4.0	2.0	34.0	35.0	36.0	8.0
12	-29.0	20.0	6.0	30.0	38.0	35.0	6.0
13	-4.0	4.0	20.0	31.0	40.0	31.0	0.0
14	2.0	10.0	16.0	31.0	44.0	30.0	-6.0
15	6.0	-5.0	17.0	33.0	50.0	20.0	-6.0
16	5.0	0.0	5.0	36.0	46.0	21.0	-6.0
17	5.0	20.0	-10.0	20.0	33.0	18.0	-20.0
18	-10.0	10.0	-8.0	22.0	30.0	15.0	-20.0
19	-10.0	-5.0	0.0	26.0	30.0	0.0	-12.0
20	-10.0	-6.0	8.0	30.0	31.0	-5.0	-20.0
21	-8.0	-4.0	-8.0	32.0	30.0	-4.0	-12.0
22	-8.0	-5.0	-4.0	23.0	30.0	6.0	-11.0
23	-15.0	-18.0	0.0	26.0	25.0	8.0	-11.0
24	-14.0	-16.0	-3.0	35.0	26.0	10.0	-14.0
25	-10.0	-6.0	-17.0	38.0	28.0	9.0	-23.0
26	-10.0	-18.0	-17.0	49.0	31.0	-10.0	-15.0
27	-15.0	-15.0	-11.0	48.0	34.0	-10.0	-31.0
28	-14.0	8.0	-16.0	42.0	30.0	0.0	-25.0
29	0.0	20.0	-12.0	30.0	21.0	-17.0	10.0
30	8.0		-8.0	32.0	31.0	-18.0	-10.0
31	16.0		6.0		32.0		-20.0

1965

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-8.0	-20.0	0.0	20.0	34.0	30.0	16.0
2	-20.0	-20.0	-9.0	25.0	38.0	30.0	16.0
3	-8.0	-16.0	-8.0	29.0	25.0	32.0	19.0
4	-9.0	-22.0	-2.0	31.0	22.0	12.0	21.0
5	-14.0	-21.0	0.0	32.0	34.0	20.0	21.0
6	-16.0	-5.0	10.0	32.0	36.0	30.0	6.0
7	-10.0	-10.0	20.0	31.0	40.0	21.0	10.0
8	-18.0	-12.0	5.0	31.0	35.0	21.0	20.0
9	-30.0	-6.0	0.0	32.0	28.0	6.0	16.0
10	-30.0	0.0	0.0	33.0	33.0	11.0	9.0
11	-18.0	-15.0	20.0	34.0	35.0	21.0	18.0
12	-21.0	-15.0	20.0	30.0	25.0	24.0	20.0
13	-22.0	-14.0	16.0	31.0	28.0	5.0	20.0
14	-24.0	-6.0	15.0	31.0	26.0	2.0	12.0
15	-28.0	-15.0	10.0	30.0	28.0	4.0	8.0
16	-18.0	-12.0	-11.0	30.0	33.0	20.0	5.0
17	10.0	-4.0	-10.0	26.0	40.0	0.0	0.0
18	-9.0	2.0	-10.0	32.0	36.0	2.0	-4.0
19	2.0	2.0	-11.0	31.0	39.0	14.0	0.0
20	-5.0	10.0	-15.0	30.0	36.0	14.0	10.0
21	0.0	-11.0	-12.0	23.0	30.0	15.0	20.0
22	-18.0	-26.0	-13.0	24.0	37.0	18.0	20.0
23	-22.0	-25.0	-14.0	30.0	36.0	0.0	12.0
24	-19.0	-24.0	-12.0	31.0	25.0	4.0	-3.0
25	5.0	-16.0	-10.0	30.0	41.0	0.0	-10.0
26	-10.0	-4.0	-5.0	31.0	26.0	4.0	-4.0
27	-22.0	5.0	0.0	20.0	32.0	10.0	-15.0
28	-28.0	10.0	2.0	21.0	21.0	9.0	-13.0
29	-30.0		0.0	40.0	28.0	-6.0	-10.0
30	-29.0		-3.0	40.0	42.0	-4.0	-5.0
31	-20.0		4.0		34.0		-10.0

1966

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-20.0	-6.0	10.0	33.0	32.0	16.0	-17.0
2	-19.0	-9.0	12.0	30.0	36.0	0.0	-16.0
3	-20.0	-16.0	9.0	26.0	40.0	4.0	-8.0
4	-15.0	-21.0	9.0	27.0	40.0	22.0	-6.0
5	-15.0	-15.0	8.0	27.0	34.0	20.0	6.0
6	-25.0	-5.0	-9.0	26.0	48.0	10.0	10.0
7	-35.0	-15.0	-9.0	27.0	42.0	4.0	-6.0
8	-33.0	-9.0	12.0	24.0	43.0	0.0	-6.0
9	-8.0	15.0	10.0	17.0	40.0	-6.0	-12.0
10	-18.0	9.0	12.0	18.0	38.0	-3.0	-20.0
11	-25.0	-7.0	25.0	26.0	29.0	0.0	-16.0
12	-23.0	-1.0	21.0	33.0	36.0	-5.0	-10.0
13	-16.0	-21.0	20.0	31.0	35.0	-5.0	-8.0
14	-30.0	-20.0	20.0	29.0	35.0	7.0	6.0
15	-26.0	-29.0	20.0	33.0	28.0	6.0	10.0
16	-25.0	-26.0	24.0	35.0	24.0	13.0	16.0
17	-22.0	-30.0	29.0	30.0	23.0	14.0	22.0
18	-16.0	-45.0	26.0	17.0	29.0	0.0	6.0
19	-9.0	-46.0	20.0	19.0	23.0	0.0	10.0
20	-15.0	-45.0	20.0	20.0	27.0	6.0	10.0
21	-39.0	-39.0	28.0	21.0	30.0	14.0	-15.0
22	-33.0	-29.0	10.0	28.0	32.0	20.0	-20.0
23	-34.0	-20.0	3.0	30.0	26.0	6.0	-18.0
24	-43.0	10.0	0.0	40.0	20.0	6.0	10.0
25	-41.0	5.0	4.0	30.0	21.0	15.0	-11.0
26	-21.0	7.0	18.0	25.0	20.0	16.0	-25.0
27	-34.0	12.0	18.0	25.0	24.0	6.0	-20.0
28	-41.0	20.0	15.0	25.0	20.0	10.0	-15.0
29	-40.0		29.0	17.0	12.0	14.0	10.0
30	-22.0		31.0	15.0	16.0	-10.0	6.0
31	-15.0		34.0		29.0		6.0

1967

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	-10.0	18.0	5.0	40.0	34.0	20.0
2	5.0	-27.0	20.0	7.0	40.0	25.0	15.0
3	5.0	-15.0	-9.0	-5.0	36.0	18.0	15.0
4	-8.0	-5.0	-7.0	15.0	40.0	15.0	20.0
5	-8.0	-30.0	0.0	12.0	30.0	12.0	15.0
6	-10.0	-35.0	3.0	14.0	34.0	18.0	20.0
7	-21.0	-30.0	-19.0	30.0	37.0	12.0	21.0
8	-20.0	-10.0	-17.0	35.0	34.0	15.0	21.0
9	5.0	-6.0	10.0	12.0	33.0	20.0	15.0
10	-5.0	-10.0	0.0	16.0	33.0	22.0	21.0
11	-4.0	-30.0	-10.0	30.0	25.0	26.0	25.0
12	20.0	-30.0	-8.0	36.0	36.0	24.0	20.0
13	15.0	-8.0	-6.0	37.0	40.0	23.0	0.0
14	-4.0	-20.0	-11.0	34.0	36.0	19.0	-3.0
15	-11.0	-35.0	-8.0	30.0	40.0	12.0	-3.0
16	-15.0	-32.0	-6.0	25.0	30.0	15.0	11.0
17	-30.0	-31.0	-15.0	16.0	37.0	33.0	12.0
18	-28.0	-41.0	-12.0	20.0	37.0	28.0	12.0
19	-32.0	-38.0	-5.0	20.0	30.0	20.0	0.0
20	-30.0	-15.0	10.0	32.0	31.0	15.0	-2.0
21	-18.0	-10.0	9.0	15.0	20.0	17.0	-5.0
22	-10.0	0.0	8.0	15.0	22.0	20.0	-8.0
23	-11.0	-20.0	25.0	18.0	34.0	20.0	-7.0
24	-10.0	-20.0	26.0	20.0	36.0	22.0	2.0
25	-12.0	-18.0	30.0	29.0	30.0	24.0	-2.0
26	-10.0	-10.0	20.0	30.0	25.0	10.0	-10.0
27	-6.0	10.0	24.0	37.0	20.0	-2.0	-10.0
28	-10.0	10.0	20.0	29.0	15.0	-5.0	-20.0
29	-6.0		24.0	29.0	20.0	-5.0	-20.0
30	10.0		32.0	29.0	24.0	6.0	-20.0
31	5.0		20.0		28.0		-37.0

1968

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-35.0	-18.0	20.0	20.0	33.0	35.0	21.0
2	-33.0	-12.0	-8.0	22.0	34.0	27.0	20.0
3	-20.0	-2.0	-6.0	21.0	32.0	26.0	11.0
4	-40.0	-5.0	20.0	9.0	22.0	26.0	15.0
5	-39.0	-5.0	24.0	12.0	23.0	25.0	8.0
6	-35.0	0.0	29.0	20.0	33.0	20.0	7.0
7	-30.0	-2.0	30.0	31.0	32.0	21.0	-2.0
8	-33.0	7.0	30.0	31.0	34.0	21.0	-2.0
9	-28.0	-15.0	16.0	26.0	36.0	21.0	9.0
10	-25.0	-13.0	15.0	32.0	32.0	19.0	6.0
11	-10.0	-12.0	-5.0	36.0	34.0	19.0	10.0
12	-10.0	0.0	-3.0	32.0	26.0	10.0	10.0
13	-22.0	0.0	2.0	26.0	38.0	16.0	-10.0
14	-18.0	4.0	8.0	26.0	50.0	21.0	-17.0
15	-10.0	10.0	10.0	30.0	41.0	21.0	-12.0
16	-9.0	-16.0	12.0	42.0	39.0	24.0	-6.0
17	0.0	-18.0	17.0	30.0	38.0	26.0	8.0
18	20.0	-14.0	25.0	19.0	33.0	20.0	6.0
19	17.0	-15.0	17.0	20.0	33.0	10.0	-2.0
20	15.0	-20.0	6.0	28.0	28.0	12.0	-1.0
21	22.0	-26.0	4.0	39.0	31.0	25.0	10.0
22	20.0	-20.0	5.0	32.0	31.0	21.0	5.0
23	-10.0	-16.0	10.0	30.0	31.0	24.0	-10.0
24	-9.0	0.0	28.0	20.0	26.0	25.0	-26.0
25	31.0	17.0	32.0	26.0	30.0	22.0	-26.0
26	0.0	18.0	31.0	34.0	31.0	6.0	-18.0
27	-10.0	0.0	35.0	30.0	29.0	6.0	-10.0
28	-10.0	-14.0	35.0	36.0	26.0	10.0	-8.0
29	-17.0	-12.0	33.0	44.0	27.0	7.0	-10.0
30	-15.0		31.0	42.0	26.0	30.0	-26.0
31	-10.0		20.0		27.0		-28.0

1969

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-28.0	-30.0	12.0	-6.0	35.0	35.0	21.0
2	-20.0	-22.0	16.0	5.0	43.0	34.0	25.0
3	-18.0	-25.0	10.0	10.0	43.0	20.0	15.0
4	-16.0	-18.0	-6.0	29.0	40.0	25.0	5.0
5	-2.0	-20.0	-7.0	31.0	34.0	29.0	12.0
6	-2.0	-19.0	-8.0	36.0	36.0	36.0	21.0
7	-16.0	-15.0	-7.0	40.0	36.0	30.0	24.0
8	-5.0	-19.0	-6.0	43.0	27.0	32.0	20.0
9	-20.0	-15.0	10.0	36.0	30.0	35.0	20.0
10	-25.0	0.0	0.0	30.0	32.0	25.0	19.0
11	-26.0	0.0	2.0	31.0	31.0	26.0	14.0
12	-25.0	-9.0	6.0	32.0	30.0	17.0	-5.0
13	-18.0	-10.0	0.0	30.0	30.0	13.0	-5.0
14	-4.0	-5.0	0.0	40.0	30.0	10.0	16.0
15	10.0	2.0	6.0	42.0	32.0	10.0	-11.0
16	10.0	6.0	0.0	34.0	25.0	19.0	-9.0
17	-21.0	7.0	15.0	28.0	25.0	10.0	16.0
18	-21.0	6.0	10.0	29.0	29.0	0.0	14.0
19	-26.0	-5.0	15.0	36.0	19.0	0.0	6.0
20	-15.0	-7.0	11.0	38.0	20.0	0.0	-2.0
21	-12.0	-5.0	14.0	41.0	24.0	6.0	-10.0
22	-9.0	10.0	20.0	34.0	17.0	18.0	-15.0
23	-25.0	24.0	16.0	33.0	20.0	19.0	-20.0
24	-25.0	26.0	10.0	35.0	26.0	22.0	-20.0
25	-20.0	10.0	10.0	40.0	26.0	20.0	10.0
26	-30.0	13.0	11.0	37.0	20.0	15.0	-5.0
27	-26.0	22.0	16.0	34.0	20.0	-3.0	-11.0
28	-27.0	20.0	-10.0	25.0	15.0	15.0	-8.0
29	-30.0		-13.0	26.0	20.0	5.0	-6.0
30	-25.0		-11.0	31.0	30.0	16.0	0.0
31	-30.0		-8.0		34.0		0.0

1970

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	0.0	-8.0	-5.0	42.0	33.0	20.0
2	0.0	-24.0	-4.0	-2.0	41.0	34.0	-5.0
3	-13.0	-26.0	6.0	15.0	35.0	31.0	-5.0
4	-14.0	-17.0	-1.0	0.0	35.0	29.0	0.0
5	-10.0	-4.0	-1.0	9.0	38.0	29.0	1.0
6	-15.0	0.0	-5.0	17.0	43.0	29.0	-10.0
7	-14.0	5.0	-15.0	18.0	34.0	25.0	0.0
8	-13.0	6.0	-10.0	34.0	33.0	30.0	-2.0
9	-11.0	15.0	-16.0	20.0	25.0	20.0	-8.0
10	-10.0	6.0	-12.0	20.0	24.0	24.0	-10.0
11	-5.0	-10.0	-12.0	22.0	26.0	28.0	-9.0
12	-18.0	-16.0	-10.0	25.0	30.0	24.0	-4.0
13	-29.0	-24.0	0.0	31.0	25.0	20.0	0.0
14	-28.0	-22.0	0.0	30.0	25.0	18.0	-10.0
15	-11.0	-24.0	-10.0	30.0	24.0	22.0	-15.0
16	-25.0	-16.0	-6.0	30.0	26.0	29.0	-12.0
17	-33.0	-12.0	9.0	32.0	20.0	28.0	4.0
18	-33.0	-21.0	9.0	27.0	21.0	26.0	-8.0
19	-30.0	-16.0	11.0	30.0	24.0	20.0	-15.0
20	-30.0	-9.0	9.0	32.0	26.0	16.0	-21.0
21	-30.0	10.0	12.0	32.0	34.0	2.0	-30.0
22	-25.0	16.0	10.0	22.0	36.0	-2.0	-15.0
23	0.0	18.0	2.0	28.0	34.0	-6.0	-15.0
24	2.0	14.0	10.0	30.0	38.0	-4.0	-12.0
25	3.0	-14.0	9.0	31.0	40.0	8.0	-10.0
26	5.0	-16.0	5.0	35.0	34.0	0.0	-4.0
27	4.0	-10.0	-10.0	35.0	33.0	-8.0	-20.0
28	-15.0	-8.0	-13.0	40.0	25.0	-4.0	-25.0
29	-11.0		-5.0	40.0	30.0	18.0	-18.0
30	15.0		-2.0	36.0	30.0	20.0	-6.0
31	16.0		0.0		31.0		-8.0

1971

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	4.0	-18.0	-4.0	10.0	46.0	14.0	12.0
2	4.0	-18.0	-4.0	10.0	42.0	25.0	12.0
3	-10.0	-25.0	0.0	2.0	47.0	27.0	10.0
4	-15.0	-12.0	20.0	4.0	35.0	22.0	19.0
5	-14.0	-4.0	22.0	10.0	35.0	22.0	20.0
6	-8.0	-18.0	10.0	20.0	34.0	8.0	14.0
7	-13.0	-23.0	0.0	29.0	34.0	-9.0	-10.0
8	-13.0	-20.0	-5.0	30.0	41.0	-7.0	-10.0
9	-12.0	-16.0	0.0	32.0	34.0	8.0	-10.0
10	-16.0	10.0	12.0	36.0	35.0	21.0	0.0
11	-32.0	8.0	12.0	40.0	34.0	26.0	-6.0
12	-32.0	-12.0	26.0	20.0	28.0	21.0	-10.0
13	-20.0	-11.0	26.0	20.0	34.0	21.0	-11.0
14	-30.0	7.0	31.0	27.0	29.0	21.0	-10.0
15	-30.0	12.0	17.0	33.0	29.0	30.0	4.0
16	-20.0	14.0	0.0	36.0	28.0	31.0	0.0
17	-20.0	31.0	4.0	33.0	28.0	30.0	-18.0
18	-22.0	0.0	15.0	34.0	33.0	25.0	-16.0
19	-14.0	0.0	16.0	38.0	40.0	20.0	-5.0
20	-14.0	-1.0	16.0	34.0	31.0	21.0	-10.0
21	8.0	6.0	14.0	32.0	30.0	6.0	-14.0
22	-4.0	4.0	4.0	30.0	30.0	8.0	-10.0
23	-14.0	8.0	-3.0	34.0	32.0	20.0	8.0
24	-23.0	10.0	0.0	29.0	34.0	8.0	-20.0
25	-20.0	20.0	4.0	30.0	39.0	10.0	-20.0
26	-22.0	26.0	20.0	28.0	37.0	15.0	-23.0
27	-20.0	10.0	20.0	30.0	38.0	12.0	-20.0
28	-19.0	4.0	20.0	31.0	20.0	-4.0	-10.0
29	-16.0		7.0	26.0	12.0	-7.0	-7.0
30	-20.0		16.0	31.0	13.0	-10.0	0.0
31	-20.0		22.0		20.0		10.0

1972

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.0	-5.0	-10.0	20.0	37.0	12.0	-16.0
2	6.0	-17.0	-29.0	24.0	42.0	14.0	-19.0
3	-8.0	-10.0	-20.0	9.0	40.0	15.0	-20.0
4	-21.0	-21.0	-20.0	5.0	47.0	29.0	-19.0
5	-20.0	-21.0	-16.0	7.0	42.0	26.0	-27.0
6	0.0	-25.0	-7.0	16.0	28.0	16.0	-23.0
7	2.0	-24.0	5.0	20.0	32.0	16.0	-21.0
8	10.0	-25.0	-10.0	20.0	32.0	14.0	-16.0
9	-12.0	-26.0	-13.0	29.0	33.0	18.0	-8.0
10	-12.0	-24.0	-11.0	31.0	45.0	20.0	-12.0
11	-14.0	-7.0	4.0	25.0	34.0	20.0	-10.0
12	-15.0	16.0	6.0	30.0	19.0	15.0	-12.0
13	-28.0	16.0	14.0	35.0	19.0	12.0	-22.0
14	-37.0	-5.0	22.0	30.0	33.0	-2.0	-20.0
15	-40.0	-10.0	30.0	35.0	38.0	-2.0	-22.0
16	-36.0	-2.0	32.0	35.0	26.0	13.0	-23.0
17	13.0	2.0	23.0	30.0	12.0	18.0	-18.0
18	-15.0	-10.0	26.0	27.0	12.0	14.0	0.0
19	-24.0	-10.0	27.0	33.0	14.0	10.0	4.0
20	-20.0	-6.0	27.0	30.0	23.0	11.0	4.0
21	-18.0	-5.0	24.0	30.0	21.0	8.0	-2.0
22	-20.0	-16.0	18.0	36.0	22.0	10.0	8.0
23	-20.0	-14.0	16.0	30.0	12.0	21.0	-5.0
24	-19.0	-15.0	19.0	27.0	13.0	20.0	-8.0
25	-36.0	-16.0	22.0	35.0	33.0	20.0	-6.0
26	-36.0	-11.0	21.0	34.0	40.0	21.0	4.0
27	-32.0	-16.0	21.0	38.0	30.0	10.0	20.0
28	-23.0	-7.0	21.0	39.0	25.0	-3.0	10.0
29	-22.0	-6.0	16.0	35.0	22.0	0.0	11.0
30	-17.0		7.0	39.0	21.0	13.0	-1.0
31	-7.0		16.0		7.0		-10.0

1973

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-6.0	8.0	12.0	25.0	45.0	33.0	55.0
2	6.0	12.0	14.0	28.0	44.0	24.0	16.0
3	2.0	14.0	26.0	29.0	39.0	18.0	15.0
4	-15.0	12.0	24.0	22.0	38.0	10.0	-5.0
5	-27.0	8.0	28.0	31.0	30.0	5.0	-6.0
6	-34.0	-11.0	29.0	23.0	35.0	1.0	-7.0
7	-28.0	-10.0	30.0	20.0	40.0	8.0	5.0
8	-32.0	-9.0	18.0	15.0	50.0	2.0	21.0
9	-21.0	-7.0	20.0	12.0	44.0	3.0	5.0
10	-10.0	-17.0	30.0	13.0	44.0	6.0	-15.0
11	4.0	-10.0	30.0	28.0	27.0	12.0	-5.0
12	7.0	12.0	25.0	19.0	28.0	24.0	-6.0
13	5.0	-7.0	32.0	27.0	38.0	26.0	-25.0
14	14.0	-25.0	31.0	35.0	32.0	25.0	-25.0
15	15.0	-27.0	25.0	22.0	30.0	18.0	-12.0
16	20.0	-25.0	18.0	18.0	29.0	16.0	-21.0
17	15.0	-18.0	17.0	20.0	29.0	23.0	-20.0
18	10.0	12.0	23.0	26.0	30.0	14.0	-8.0
19	0.0	0.0	27.0	37.0	27.0	8.0	-12.0
20	-4.0	0.0	28.0	46.0	40.0	-1.0	-22.0
21	6.0	-5.0	29.0	42.0	43.0	2.0	-18.0
22	14.0	5.0	33.0	22.0	40.0	6.0	-6.0
23	15.0	8.0	35.0	22.0	42.0	2.0	10.0
24	19.0	-3.0	34.0	25.0	47.0	4.0	15.0
25	20.0	3.0	31.0	28.0	32.0	16.0	18.0
26	20.0	4.0	34.0	25.0	32.0	21.0	17.0
27	-2.0	5.0	30.0	22.0	34.0	10.0	14.0
28	3.0	6.0	17.0	20.0	32.0	10.0	5.0
29	-2.0		14.0	26.0	35.0	16.0	-12.0
30	7.0		18.0	29.0	36.0	12.0	-25.0
31	8.0		22.0		33.0		-29.0

1974

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-36.0	-22.0	4.0	20.0	22.0	28.0	3.0
2	-32.0	-21.0	10.0	25.0	21.0	27.0	10.0
3	-17.0	-26.0	16.0	25.0	21.0	17.0	12.0
4	-19.0	-29.0	0.0	15.0	38.0	24.0	12.0
5	-18.0	-16.0	0.0	7.0	23.0	26.0	16.0
6	-15.0	-12.0	10.0	10.0	23.0	26.0	21.0
7	-34.0	-20.0	-11.0	-2.0	27.0	28.0	4.0
8	-33.0	-17.0	-6.0	2.0	24.0	33.0	-8.0
9	-22.0	-5.0	10.0	24.0	39.0	34.0	12.0
10	-32.0	-14.0	10.0	26.0	38.0	25.0	18.0
11	-33.0	-10.0	16.0	21.0	38.0	28.0	23.0
12	-33.0	1.0	16.0	28.0	21.0	27.0	9.0
13	-20.0	-14.0	21.0	34.0	21.0	23.0	3.0
14	-10.0	-36.0	27.0	26.0	37.0	23.0	4.0
15	-23.0	-31.0	10.0	30.0	36.0	10.0	14.0
16	-18.0	-12.0	-11.0	32.0	32.0	10.0	10.0
17	-6.0	2.0	-9.0	33.0	30.0	15.0	10.0
18	-5.0	16.0	11.0	32.0	29.0	13.0	12.0
19	-5.0	1.0	-9.0	36.0	33.0	13.0	15.0
20	-4.0	0.0	-11.0	39.0	26.0	21.0	10.0
21	5.0	1.0	-7.0	33.0	28.0	21.0	-8.0
22	2.0	-8.0	-8.0	30.0	34.0	16.0	-5.0
23	-4.0	-15.0	-24.0	28.0	33.0	6.0	10.0
24	-15.0	-16.0	-30.0	33.0	33.0	7.0	4.0
25	-17.0	-12.0	-16.0	38.0	24.0	-3.0	2.0
26	-8.0	-4.0	-6.0	40.0	24.0	16.0	8.0
27	-4.0	12.0	-5.0	44.0	32.0	14.0	10.0
28	-13.0	0.0	11.0	33.0	32.0	13.0	20.0
29	-12.0		21.0	28.0	34.0	-1.0	14.0
30	-18.0		18.0	30.0	34.0	-3.0	5.0
31	-20.0		7.0		34.0		-5.0

1975

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	4.0	-24.0	-3.0	-3.0	34.0	33.0	-11.0
2	6.0	-15.0	6.0	-4.0	42.0	31.0	-20.0
3	8.0	-7.0	-12.0	-9.0	43.0	34.0	-13.0
4	10.0	-10.0	-10.0	-2.0	40.0	37.0	-6.0
5	4.0	-8.0	11.0	16.0	46.0	37.0	13.0
6	10.0	-6.0	5.0	25.0	34.0	43.0	-19.0
7	16.0	-4.0	8.0	28.0	37.0	34.0	-12.0
8	12.0	-15.0	-14.0	24.0	46.0	33.0	4.0
9	12.0	-12.0	14.0	26.0	43.0	18.0	10.0
10	13.0	-15.0	-10.0	29.0	35.0	19.0	5.0
11	-15.0	-10.0	-9.0	28.0	37.0	27.0	-13.0
12	-15.0	-10.0	4.0	30.0	37.0	26.0	-24.0
13	-19.0	-15.0	-11.0	27.0	34.0	12.0	-17.0
14	-18.0	-12.0	4.0	35.0	35.0	16.0	-17.0
15	5.0	-15.0	13.0	37.0	32.0	23.0	-31.0
16	-16.0	-15.0	17.0	34.0	32.0	38.0	-12.0
17	-6.0	-14.0	27.0	35.0	28.0	26.0	-20.0
18	-8.0	16.0	32.0	35.0	30.0	30.0	-30.0
19	-20.0	10.0	18.0	28.0	42.0	31.0	0.0
20	-20.0	10.0	15.0	22.0	45.0	25.0	-12.0
21	-20.0	6.0	18.0	26.0	39.0	14.0	-4.0
22	-20.0	8.0	14.0	36.0	30.0	15.0	10.0
23	0.0	-8.0	10.0	37.0	31.0	9.0	5.0
24	15.0	-2.0	5.0	32.0	31.0	-3.0	6.0
25	-2.0	15.0	5.0	32.0	22.0	-10.0	-11.0
26	-7.0	12.0	11.0	34.0	20.0	-10.0	12.0
27	-7.0	0.0	22.0	40.0	30.0	0.0	19.0
28	-8.0	-4.0	7.0	41.0	22.0	-5.0	24.0
29	-14.0		-14.0	36.0	22.0	-6.0	19.0
30	-22.0		-14.0	32.0	31.0	-10.0	12.0
31	-16.0		-13.0		31.0		11.0

1976

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	8.0	-19.0	-29.0	25.0	43.0	24.0	-11.0
2	-9.0	-19.0	-20.0	31.0	35.0	28.0	-24.0
3	-12.0	-1.0	-8.0	24.0	37.0	20.0	-10.0
4	-28.0	-20.0	-23.0	26.0	34.0	22.0	4.0
5	-22.0	-19.0	-15.0	32.0	29.0	25.0	-8.0
6	-28.0	-15.0	-14.0	30.0	21.0	21.0	-24.0
7	-28.0	4.0	-6.0	28.0	17.0	8.0	-29.0
8	-25.0	20.0	5.0	29.0	17.0	9.0	-19.0
9	-24.0	22.0	6.0	35.0	22.0	20.0	-18.0
10	-24.0	15.0	-27.0	35.0	22.0	12.0	-16.0
11	-8.0	-16.0	-20.0	23.0	26.0	6.0	-15.0
12	3.0	0.0	-6.0	27.0	38.0	7.0	-18.0
13	3.0	0.0	-5.0	35.0	36.0	12.0	-19.0
14	-11.0	6.0	2.0	37.0	37.0	11.0	6.0
15	-12.0	18.0	-5.0	33.0	29.0	12.0	9.0
16	-16.0	18.0	-13.0	36.0	26.0	13.0	16.0
17	-12.0	19.0	-12.0	44.0	14.0	18.0	18.0
18	0.0	18.0	11.0	30.0	13.0	27.0	18.0
19	-6.0	15.0	18.0	30.0	14.0	28.0	6.0
20	-8.0	1.0	17.0	31.0	16.0	28.0	-12.0
21	19.0	-10.0	-6.0	29.0	13.0	22.0	-9.0
22	-8.0	-10.0	-1.0	32.0	12.0	12.0	8.0
23	0.0	12.0	19.0	30.0	10.0	6.0	-8.0
24	12.0	27.0	24.0	32.0	12.0	12.0	7.0
25	5.0	19.0	12.0	27.0	6.0	26.0	-6.0
26	-15.0	29.0	19.0	28.0	8.0	5.0	-16.0
27	-26.0	12.0	20.0	28.0	10.0	-8.0	-7.0
28	-18.0	-15.0	20.0	25.0	22.0	-6.0	-20.0
29	-8.0	-22.0	28.0	27.0	34.0	-9.0	-19.0
30	-1.0		28.0	38.0	25.0	-15.0	-29.0
31	6.0		22.0		21.0		-28.0

1977

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-27.0	-4.0	3.0	24.1	28.9	34.0	21.9
2	-11.9	-4.0	-2.9	21.0	25.0	34.0	8.1
3	-13.0	12.0	-4.0	19.9	27.0	34.0	-9.9
4	-14.1	-8.0	3.0	16.0	32.0	25.0	-17.0
5	-11.0	-5.1	8.1	23.0	36.0	27.0	-6.0
6	-10.5	-5.1	8.1	15.1	30.0	28.9	-6.0
7	-18.9	0.0	17.1	21.0	30.0	48.9	-18.0
8	-26.0	8.1	28.0	21.9	33.1	37.0	-18.0
9	-27.0	18.0	37.9	24.1	30.0	26.1	-26.0
10	-27.0	18.0	28.9	27.0	34.0	12.9	-29.0
11	-31.0	19.9	30.0	33.1	34.0	12.9	-24.0
12	-29.9	27.0	23.0	34.0	34.0	24.1	-7.1
13	-26.0	19.9	25.0	26.1	37.9	18.0	6.1
14	-15.0	-6.0	33.1	30.9	39.9	17.1	10.9
15	-25.1	-13.0	32.0	33.1	21.9	21.0	12.0
16	-29.9	18.1	21.9	34.0	25.0	24.1	19.9
17	-27.0	12.0	21.9	37.0	37.9	28.9	24.1
18	-24.0	8.1	27.0	45.0	34.0	24.1	32.0
19	15.0	11.9	23.0	28.9	34.0	10.0	9.0
20	12.9	10.0	10.9	34.0	36.0	9.0	9.0
21	13.9	10.0	12.0	33.1	28.0	3.0	-11.9
22	10.0	19.0	10.9	37.9	25.0	-11.0	-11.0
23	16.0	19.0	3.0	35.1	25.0	-9.9	-8.0
24	23.0	16.0	3.9	27.0	28.0	-13.0	-5.1
25	-14.0	16.0	21.9	33.1	30.0	-13.0	-16.1
26	-13.0	16.0	24.1	39.0	39.9	-2.9	-18.0
27	-20.0	-2.9	30.0	43.0	36.0	-4.0	-18.9
28	-24.0	1.9	30.9	33.1	30.0	-9.9	-5.1
29	-18.9		33.1	35.1	30.9	8.1	-5.1
30	-4.0		26.1	50.0	50.0	14.0	-16.1
31	-6.0		17.1		34.0		-18.0

1978

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-9.9	-26.0	-16.1	8.1	38.3	28.4	-7.6
2	1.9	-27.9	-14.1	10.0	45.5	23.0	-21.1
3	-5.1	-26.0	-11.9	27.0	41.9	32.0	-13.9
4	-9.0	-20.0	-11.9	28.9	41.0	23.0	-12.1
5	-9.9	-29.9	-20.9	28.9	41.0	26.6	11.3
6	-9.0	-29.9	-18.0	30.0	37.4	15.8	-13.0
7	-4.0	-22.0	-8.0	14.0	26.6	15.8	-18.4
8	-18.0	-18.0	-8.0	16.0	30.2	28.4	-19.3
9	-24.0	-16.1	18.0	28.9	40.1	23.0	-18.4
10	-27.9	-9.9	18.0	34.0	32.0	19.4	-21.1
11	-26.0	-8.0	19.9	28.0	36.5	2.3	-9.4
12	-15.0	-8.0	8.1	21.9	33.8	5.0	19.4
13	-11.9	-2.0	7.0	23.0	32.0	10.4	5.0
14	-16.1	-2.0	7.0	27.0	25.7	13.1	3.2
15	-14.1	-2.0	8.1	27.0	25.7	8.6	5.0
16	-24.0	-2.0	-2.0	27.0	21.2	5.0	14.0
17	-27.9	-0.9	0.0	28.0	23.0	19.4	6.8
18	-27.0	-11.9	8.1	28.9	17.6	7.7	5.0
19	-20.9	-8.0	16.0	21.9	24.8	-17.5	5.9
20	-20.0	0.0	21.9	19.0	41.0	-17.5	1.4
21	-13.0	-2.0	26.1	19.0	32.0	-15.7	1.4
22	-11.0	1.9	28.9	19.9	24.8	-1.3	7.7
23	3.0	15.1	6.1	32.0	32.9	5.0	-13.0
24	-0.4	15.1	5.0	36.0	32.9	-17.0	-31.0
25	-5.1	1.9	17.1	36.0	32.0	5.0	-16.6
26	-25.1	-9.9	28.9	36.0	23.0	-7.6	-7.6
27	-25.1	-9.9	30.9	36.0	23.0	-0.4	-32.8
28	-20.0	-9.9	28.9	37.9	14.9	-18.4	-31.0
29	-18.0		19.9	37.0	17.6	-6.7	-16.6
30	-18.0		27.0	28.0	27.5	-12.1	-13.0
31	-14.1		28.0		28.4		-23.8

1979

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-32.8	-21.1	-10.3	8.6	35.6	24.8	-11.2
2	-29.2	-22.0	-0.4	-9.4	43.7	24.8	-11.2
3	-13.0	-27.4	-10.3	-2.2	43.7	23.0	14.0
4	-16.6	-25.6	-9.4	8.6	25.7	23.9	27.5
5	-20.2	-25.6	-2.2	-0.4	25.7	23.0	23.0
6	-5.8	-31.0	5.0	-15.7	29.3	21.2	24.8
7	-20.2	-29.2	-13.0	-13.0	32.0	23.0	14.0
8	-20.2	-27.4	-13.0	20.3	37.4	1.4	14.0
9	-27.4	-25.6	-4.0	10.4	37.4	1.4	12.2
10	-27.4	-23.8	-14.8	1.4	34.7	6.8	13.1
11	-38.2	-27.4	-11.2	7.7	39.2	-1.3	-10.3
12	-38.2	-13.0	14.9	17.6	26.6	3.2	-17.5
13	-31.0	-27.4	5.0	30.2	16.7	6.8	-11.2
14	-22.9	-17.5	-4.9	28.4	16.7	13.1	-12.1
15	-23.8	-21.1	-9.4	24.8	30.2	30.2	-5.8
16	-32.8	-34.6	1.4	28.4	41.0	30.2	-14.8
17	-27.4	-34.6	12.2	21.2	23.9	30.2	-14.8
18	-18.4	-25.6	30.2	28.4	23.9	23.0	-8.5
19	-13.0	-7.6	21.2	39.2	23.9	23.0	5.0
20	5.0	-4.0	21.2	33.8	25.7	23.0	15.8
21	10.4	1.4	23.9	28.4	30.2	21.2	23.9
22	-0.4	-0.4	24.8	30.2	30.2	21.2	23.0
23	-12.1	-4.0	10.4	30.2	26.6	17.6	17.6
24	-25.6	-20.2	3.2	32.0	15.8	21.2	17.6
25	-22.0	-16.6	3.2	30.2	15.8	14.0	19.4
26	-4.0	5.0	-0.4	24.8	37.4	20.3	12.2
27	-11.2	66.8	-9.4	23.9	26.6	14.0	12.2
28	-9.4	-13.0	10.4	31.1	26.6	14.0	14.0
29	-4.0		-14.8	30.2	26.6	10.4	12.2
30	-4.0		10.4	29.3	28.4	9.5	14.0
31	-17.5		10.4		28.4		14.0

1980

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	10.4	-22.0	-25.6	24.8	44.6	20.3	-7.6
2	-0.4	-18.4	-18.4	24.8	35.6	23.0	-13.0
3	-10.3	-11.2	9.5	23.0	35.6	35.6	-13.0
4	-13.9	2.3	-16.6	27.5	35.6	28.4	7.7
5	-7.6	5.9	-13.9	26.6	32.0	28.4	23.0
6	-4.9	12.2	-5.8	35.6	39.2	30.2	1.4
7	-13.0	10.4	-18.4	28.4	40.1	26.6	-4.0
8	-25.6	-11.2	-13.0	30.2	42.8	26.6	-1.3
9	-25.6	-7.6	5.0	23.9	40.1	21.2	-7.6
10	-22.0	14.0	-4.0	21.2	40.1	6.8	-16.6
11	-12.1	10.4	-20.2	23.0	32.0	16.7	-16.6
12	-25.6	-7.6	-16.6	23.9	24.8	30.2	-0.4
13	-18.4	-4.0	10.4	21.2	24.8	28.4	-7.6
14	-3.1	-9.4	-13.0	25.7	36.5	21.2	-9.4
15	14.0	-7.6	-11.2	27.5	39.2	23.0	-0.4
16	5.0	-6.7	15.8	28.4	32.0	24.8	1.4
17	-11.2	-3.1	6.8	36.5	29.3	17.6	16.7
18	-4.0	-2.2	-2.2	41.0	32.0	17.6	-14.8
19	5.0	-1.3	-0.4	41.0	34.7	30.2	-13.0
20	-0.4	5.0	23.0	41.0	27.5	28.4	-14.8
21	12.2	4.1	6.8	49.1	23.0	23.0	-13.0
22	-2.2	-12.1	6.8	49.1	24.8	27.5	-0.4
23	-21.1	-7.6	14.9	29.3	26.6	19.4	-2.2
24	-13.0	-22.0	12.2	26.6	24.8	7.7	-23.8
25	-20.2	-22.0	14.0	26.6	28.4	19.4	-23.8
26	-22.0	-9.4	24.8	28.4	22.1	23.0	-18.4
27	-22.0	-14.8	24.8	32.0	23.0	19.4	-14.8
28	-20.2	-29.2	24.8	32.0	17.6	23.0	19.4
29	-24.7	-36.4	26.6	39.2	17.6	19.4	10.4
30	-29.2		28.4	35.6	23.0	19.4	14.0
31	-29.2		26.6		32.9		23.9

1981

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	5.0	-16.6	15.8	28.4	37.4	32.0	19.4
2	-4.0	-13.0	5.0	41.0	37.4	23.0	8.6
3	-20.2	-7.6	3.2	30.2	41.0	23.0	8.6
4	-16.6	-11.2	5.0	21.2	41.0	41.0	14.0
5	-13.0	-7.6	6.8	28.4	44.6	32.0	1.4
6	3.2	15.8	5.0	32.0	32.0	28.4	1.4
7	-5.8	5.0	5.0	37.4	32.0	28.4	19.4
8	-13.0	-14.8	17.6	26.6	39.2	23.0	14.0
9	-13.0	-16.6	23.0	26.6	44.6	6.8	10.4
10	-16.6	-27.4	21.2	32.0	32.0	23.0	6.8
11	-11.2	-29.2	32.0	19.4	32.0	23.0	10.4
12	-7.6	-26.5	28.4	23.0	49.1	26.6	10.4
13	19.4	-19.3	19.4	32.0	41.0	32.0	10.4
14	14.9	6.8	26.6	9.5	40.1	30.2	5.8
15	5.0	18.5	26.6	15.8	39.2	33.8	-9.4
16	-4.0	32.0	21.2	39.2	32.0	30.2	-13.0
17	-4.0	34.7	15.8	37.4	40.1	28.4	-9.4
18	12.2	29.3	10.4	22.1	28.4	21.2	-13.0
19	15.8	28.4	21.2	24.8	28.4	21.2	-9.4
20	8.6	28.4	14.0	14.0	28.4	8.6	-7.6
21	14.0	30.2	23.0	26.6	17.6	8.6	12.2
22	14.0	30.2	19.4	35.6	17.6	17.6	14.0
23	14.0	24.8	21.2	32.0	14.0	26.6	1.4
24	22.1	24.8	21.2	26.6	14.0	26.6	-5.8
25	23.9	15.8	26.6	26.6	10.4	26.6	-16.6
26	6.8	14.0	30.2	30.2	10.4	24.8	-14.8
27	-16.6	26.6	29.3	38.3	24.8	26.6	3.2
28	-7.6	15.8	33.8	36.5	24.8	19.4	-16.6
29	-22.0		30.2	37.4	39.2	21.2	-18.4
30	-22.0		30.2	41.0	42.8	10.4	-25.6
31	-11.2		33.8		36.5		-27.4

1982

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	-27.4	-9.4	3.2	12.2	30.2	23.9	16.7
2	-27.4	-25.6	-4.0	14.0	30.2	23.9	32.0
3	-22.0	-27.4	-9.4	1.4	37.4	22.1	26.6
4	-23.8	-28.6	3.2	-4.0	37.4	22.1	26.6
5	-18.4	-29.2	1.4	-0.4	30.2	23.0	14.9
6	-27.4	-29.2	-4.0	5.0	30.2	17.6	10.4
7	-31.0	-7.6	-9.4	5.0	38.3	21.2	-0.4
8	-29.2	-7.6	-9.4	19.4	39.2	25.7	-13.0
9	-27.4	-22.0	-5.8	26.6	42.8	14.9	-13.0
10	-31.0	-22.0	1.4	19.4	44.6	14.9	-4.0
11	-22.0	-9.4	3.2	19.4	39.2	23.0	-4.0
12	-23.8	-13.0	21.2	25.7	40.1	3.2	-4.0
13	-20.2	-9.4	17.6	23.0	35.6	3.2	12.2
14	-22.0	-5.8	12.2	37.4	44.6	8.6	5.0
15	-22.0	-4.0	28.4	39.2	41.0	19.4	6.8
16	-31.0	1.4	26.6	33.8	37.4	20.3	5.0
17	-34.6	17.6	17.6	24.8	39.2	26.6	8.6
18	-27.4	23.0	8.6	23.0	37.4	25.7	23.0
19	-25.6	23.0	-0.4	23.0	30.2	23.0	21.2
20	-38.2	23.0	3.2	21.2	27.5	26.6	17.6
21	-23.8	26.6	15.8	30.2	21.2	3.2	15.8
22	-22.0	17.6	24.8	30.2	23.0	1.4	15.8
23	-16.6	0.5	26.6	41.0	24.8	1.4	19.4
24	-32.8	1.4	23.0	41.0	39.2	-4.0	3.2
25	-34.6	-0.4	8.6	33.8	31.1	-4.0	-5.8
26	-31.0	-2.2	6.8	21.2	32.0	-5.8	10.4
27	-9.4	-5.8	6.8	24.8	39.2	-7.6	6.8
28	-9.4	1.4	30.2	30.2	41.0	14.0	-0.4
29	-9.4		30.2	37.4	32.0	12.2	-0.4
30	-25.6		33.8	39.2	26.6	12.2	-18.4
31	-27.4		24.8		26.6		-13.0

TABLE 3 - DAILY PRECIPITATION
INCHES OF WATER

1925

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.08	0.00	0.17	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.03	0.10	0.00	0.00	0.20
4	0.04	0.00	0.02	0.00	0.11	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.03	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.30	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	1.40	0.09	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.08	0.02	0.00
15	0.00	0.00	0.00	0.00	0.00	0.02	0.00
16	0.00	0.00	0.20	0.00	0.00	0.00	0.00
17	0.02	0.00	0.00	0.10	0.00	0.00	0.00
18	0.00	0.05	0.20	0.74	0.29	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.20	0.05	0.05	0.00	0.00	0.00
21	0.00	0.00	0.60	0.25	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.01	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.15	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.05	0.00	0.00	0.03	0.00	0.00	0.00
28	0.00	0.00	0.00	0.02	0.00	0.02	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.30		0.00	0.00	0.00	0.50	0.00
31	0.00		0.00		0.00		0.00

1926

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.10
2	0.00	0.15	0.00	0.00	0.00	0.00	0.05
3	0.00	0.03	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.15
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.05	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.10	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.25
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.30	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.24	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.35	0.00
17	0.00	0.00	0.00	0.00	0.36	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.16	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.05	0.00	0.25	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.03	0.00	0.00	0.00	0.13	0.40	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.60	0.00	0.00	0.00	0.00
28	0.00	0.00	0.30	0.00	0.30	0.25	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.15	0.00
31	0.00		0.00		0.00		0.00

1927

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.10	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.69	0.12	0.00
4	0.00	0.00	0.00	1.11	0.00	0.00	0.15
5	0.00	0.00	0.08	0.03	0.32	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.05	0.00	0.00	0.00
8	0.25	0.00	0.00	0.00	0.00	0.00	0.00
9	0.03	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.24	0.00	0.25	0.00
11	0.00	0.00	0.00	0.00	0.09	0.00	0.00
12	0.00	0.00	0.00	0.00	0.02	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.05	0.00	0.06	0.25	0.00	0.00
16	0.05	0.05	0.00	0.09	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.05	0.00
19	0.00	0.00	0.00	0.00	0.00	0.05	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.25	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.19	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.10	0.00	0.06	0.00	0.00
30	0.00		0.00	0.00	0.57	0.00	0.00
31	0.00		0.00		0.00		0.00

1928

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.03	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.10	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.10	0.00	0.03
6	0.00	0.00	0.10	0.00	0.00	0.00	0.05
7	0.00	0.00	0.05	0.00	0.00	0.00	0.03
8	0.00	0.00	0.65	0.00	0.04	0.00	0.00
9	0.00	0.00	0.10	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.02	0.00
15	0.10	0.00	0.00	0.00	0.00	0.61	0.20
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.05	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.13	0.00	0.10
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.11	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.05	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.15	0.00	0.30	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.40
31	0.05		0.00		0.00		0.00

1929

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.10	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.05	0.12	0.16	0.00	0.10
6	0.00	0.00	0.00	0.49	0.00	0.00	0.00
7	0.00	0.00	0.05	0.00	0.00	0.00	0.00
8	0.10	0.00	0.00	0.00	0.00	0.00	0.00
9	0.70	0.00	0.00	0.00	0.28	0.00	0.00
10	0.20	0.00	0.00	0.00	0.08	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.20
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.15	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.90	0.00
18	0.00	0.00	0.00	0.00	0.07	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.30	0.00
23	0.00	0.10	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.03	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.10	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.10	0.00	0.00
29	0.00		0.05	0.00	0.00	0.00	0.00
30	0.00		0.00	0.14	0.20	0.00	0.00
31	0.00		0.00		0.60		0.00

1930

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.10	0.00	0.00	0.00	0.00	0.00
3	0.05	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.30	0.00	0.05	0.03	0.00	0.00
6	0.05	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.35	0.00	0.00
8	0.00	0.00	0.00	0.00	0.02	0.00	0.00
9	0.00	0.00	0.00	0.00	0.02	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.05
11	0.00	0.00	0.00	0.00	0.55	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.03
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.04	0.00
15	0.00	0.00	0.00	0.00	0.00	0.15	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.05	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.05	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.03
21	0.00	0.00	0.00	0.05	0.00	0.65	0.10
22	0.00	0.05	0.80	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.20	0.00
24	0.05	0.00	0.20	0.00	0.00	0.00	0.00
25	0.00	1.50	0.00	0.00	0.00	0.40	0.00
26	0.00	0.40	0.00	0.02	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.40	0.00	0.10	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00	0.00	0.00		0.00

1931

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.18	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.10
7	0.04	0.05	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.10
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.20	0.08	0.00	0.15	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.10	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.71	0.00	0.00
22	0.00	0.00	0.00	0.00	0.29	0.60	0.00
23	0.00	0.00	0.00	0.00	0.04	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.03
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.09
27	0.00	0.00	0.00	0.00	0.27	0.00	0.00
28	0.00	0.00	0.00	0.00	0.44	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1932

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.30	0.20	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.10	0.35	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.09	0.00	0.17	0.00
7	0.00	0.00	0.00	0.00	0.00	0.11	0.00
8	0.00	0.10	0.00	0.00	0.00	0.00	0.00
9	0.05	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.60	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.40	0.00	0.00	0.00	0.00	0.00
13	0.40	0.00	0.00	0.00	0.52	0.20	0.10
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.05	0.00	0.00	0.05	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.20	0.00
18	0.00	0.00	0.00	0.35	0.45	0.00	0.00
19	0.30	0.00	0.00	0.14	1.05	0.00	0.00
20	0.00	0.00	0.00	0.00	0.79	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.20	0.00	0.00	0.30	0.00
23	0.00	0.00	0.00	0.43	0.00	0.00	0.00
24	0.00	0.00	0.00	0.06	0.35	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.10	0.00	0.00
27	0.05	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.09	0.00	0.00	0.00
29	0.00	0.00	0.45	0.08	0.05	0.00	0.00
30	0.00		0.00	0.02	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1933

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.10	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.07	0.00	0.00	0.04
5	0.20	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.20	0.00	0.00	0.00	0.00	0.20	0.00
8	0.00	0.00	0.20	0.00	0.00	0.20	0.00
9	0.00	0.00	0.00	0.50	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.30	0.00
11	0.00	0.00	0.05	0.00	0.00	0.00	0.05
12	0.00	0.00	0.00	0.00	0.00	0.00	0.03
13	0.00	0.00	0.00	0.00	0.00	0.00	0.02
14	0.00	0.00	0.00	0.00	0.00	0.10	0.01
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.20	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.01
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.13	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.02	0.00	0.00
23	0.00	0.10	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.06	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.06	0.10	0.00	0.00
27	0.00	0.00	0.10	0.02	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.03
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.40		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1934

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.15	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.01	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.50	0.00	0.04	0.03	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.04	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.04	0.00	0.09	0.00	0.00	0.00
11	0.20	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.10	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.30	0.00	0.00	0.11	0.00	0.20
16	0.00	0.10	0.00	0.00	0.45	0.00	0.00
17	0.00	0.00	0.00	0.04	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.10
19	0.00	0.00	0.20	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.04	0.59	0.40
21	0.40	0.00	0.00	0.06	0.00	0.00	0.00
22	0.00	0.00	0.10	0.00	0.00	0.10	0.00
23	0.20	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.20	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.30	0.20
27	0.10	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.30
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.30		0.00		0.00

1935

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.08	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.70	0.00	0.00	0.05	0.00
5	0.30	0.00	0.10	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.30	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.20	0.00	0.00	0.00	0.00	0.05	0.10
12	0.30	0.00	0.00	0.00	0.09	0.00	0.00
13	0.00	0.00	0.00	0.26	0.25	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.20	0.00	0.00	0.00	0.00	0.00	0.00
16	0.20	0.00	0.00	0.00	0.00	0.00	0.00
17	0.40	0.00	0.00	0.00	0.00	0.00	0.10
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.14	0.00	0.00	0.00	0.00
20	0.00	0.00	0.31	0.00	0.04	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.36	0.00	0.00	0.10
24	0.00	0.00	0.00	0.99	0.00	0.00	0.00
25	0.00	0.00	0.06	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.02	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1936

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.20	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.24	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.15	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.30	0.00	0.08	0.00	0.00	0.00
15	0.00	0.00	0.20	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.40	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.15	0.00	0.00	0.00	0.00
24	0.00	0.20	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.05	0.00	0.00
26	0.00	0.00	0.05	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.20
28	0.00	0.00	0.00	0.03	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.10	0.30
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1937

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.10	0.40	0.00	0.00	0.52	0.00	0.00
6	0.00	0.05	0.00	0.30	0.00	0.00	0.00
7	0.00	0.20	0.00	0.00	0.00	0.00	0.00
8	0.05	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.05	0.00	0.06	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.05	0.00	0.00	0.00	0.00
12	0.05	0.05	0.00	0.32	0.00	0.20	0.10
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.15	0.00	0.30	0.00	0.00	0.00
15	0.05	0.00	0.00	0.18	0.00	0.00	0.00
16	0.03	0.00	0.08	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00
20	0.30	0.00	0.00	0.25	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.10	0.00	0.07	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.05	0.05	0.00	0.20	0.00	0.10	0.00
25	0.00	0.05	0.00	0.00	0.00	0.00	0.00
26	0.05	0.00	0.00	0.00	0.00	0.00	0.00
27	0.10	0.00	0.00	0.00	0.00	0.00	0.00
28	0.02	0.00	0.00	0.00	0.00	0.00	0.00
29	0.05		0.00	0.08	0.00	0.00	0.00
30	0.00		0.00	0.40	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1938

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.15	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.10	0.40	0.00	0.00	0.00	0.00	0.00
10	0.15	0.00	0.00	0.00	0.04	0.00	0.00
11	0.18	0.30	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.05	1.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.15	0.00	0.00	0.00	0.04	0.30	0.00
16	0.40	0.20	0.00	0.00	0.00	0.00	0.00
17	0.05	0.00	0.00	0.00	0.25	0.00	0.00
18	0.10	0.00	0.00	0.20	0.06	0.00	0.00
19	0.00	0.00	0.00	0.05	0.00	0.00	0.00
20	0.00	0.00	0.01	0.35	0.00	0.00	0.00
21	0.00	0.00	0.00	0.10	0.00	0.10	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.04	0.00	0.00	0.00
25	0.00	0.00	0.00	0.90	0.00	0.30	0.80
26	0.00	0.00	0.00	0.01	0.00	0.00	0.00
27	0.02	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.49	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.20
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1939

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.60	0.00	0.30	0.00	0.00	0.00
2	0.20	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.18	0.00	0.00	0.00
4	0.00	0.20	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.05	0.00	0.00	0.00	0.00
6	0.20	0.40	0.00	0.00	0.47	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.40	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.14	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.40	0.40	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.10
16	0.00	0.00	0.00	0.00	0.00	0.00	0.08
17	0.20	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.60	0.00	0.00	0.00	0.00	0.20
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.35	0.00	0.00	0.00
25	0.00	0.00	0.00	0.13	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.60		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1940

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.80	0.09	0.00	0.30
3	0.00	0.00	0.00	0.40	0.19	0.00	0.00
4	0.00	0.00	0.00	0.00	0.36	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.40	0.00	0.00	0.10	0.00
7	0.10	0.00	0.00	0.00	0.00	0.20	0.00
8	0.20	0.00	0.00	0.00	0.00	0.30	0.00
9	0.00	0.00	0.00	0.00	0.00	0.20	0.00
10	0.20	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.30	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.40	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.20	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.20	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.40	0.00
25	0.00	0.20	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.20	0.63	0.87	0.10	0.00
28	0.00	0.20	0.40	0.38	0.40	0.20	0.00
29	0.00	0.20	0.00	0.00	0.00	0.00	0.30
30	0.04		0.00	0.00	0.00	0.00	0.00
31	0.20		0.00		0.11		0.40

1941

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.40	0.00	0.00	0.00	0.02	0.00	0.00
2	0.40	0.00	0.00	0.00	0.00	0.60	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.10	0.00	0.00	0.83	0.15	0.00	0.00
6	0.00	0.00	0.00	0.00	1.26	0.00	0.00
7	0.00	0.00	0.00	0.31	0.00	0.00	0.08
8	0.00	0.30	0.00	0.23	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.10	0.06	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.10
12	0.00	0.00	0.00	0.00	0.00	0.00	0.05
13	0.20	0.00	0.00	0.00	0.00	0.00	0.00
14	0.20	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.20	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.13
18	0.00	0.00	0.20	0.00	0.00	0.00	0.00
19	0.20	0.20	0.00	0.00	0.00	0.00	0.07
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.80	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.24	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.20	0.00	0.00	0.00	0.00	0.05
26	0.00	0.00	0.10	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	1.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.02		0.00		0.03

1942

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.10
2	0.00	0.10	0.00	0.00	0.13	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.11	0.00
4	0.00	0.10	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.60	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.10	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.10	0.00	0.00	0.00	0.00	0.20
10	0.00	0.00	0.00	0.00	0.00	0.00	0.20
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.10
13	0.00	0.20	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.20	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.60
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.20	0.00	0.00	0.00
19	0.00	0.00	0.00	0.29	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.25	0.00	0.16	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.20
25	0.00	0.00	1.20	0.15	0.00	0.00	0.20
26	0.00	0.00	0.60	0.00	0.00	0.00	0.00
27	0.00	0.00	0.30	0.51	0.00	0.00	0.00
28	0.20	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.11	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.10
31	0.00		0.00		0.00		0.20

1943

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.20	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.15
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.30	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.05
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.10	0.10	0.00	0.00	0.00	0.00	0.00
15	0.10	0.00	1.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.20	0.00	0.00	0.00	0.00
17	0.00	0.00	0.10	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.30	0.00	0.00	0.00	0.00	0.00	0.00
21	0.80	0.00	0.00	0.32	0.00	0.00	0.00
22	0.60	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.10	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.01	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.15	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.32		0.00

1944

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.40	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.40	0.00
4	0.00	0.00	0.20	0.00	0.00	0.00	0.00
5	0.00	0.00	0.40	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.38	0.53	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.23	0.00
14	0.30	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.05
23	0.00	0.00	0.20	0.00	0.05	0.00	0.00
24	0.00	0.50	0.00	0.00	0.00	0.00	0.00
25	0.50	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.20	0.00	0.00	0.00	0.00
27	0.00	0.00	0.40	0.00	0.00	0.00	0.00
28	0.00	0.00	0.10	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.16	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1945

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.01	0.04	0.00
2	0.00	0.10	0.00	0.00	0.00	0.07	0.00
3	0.00	0.20	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.20	0.00	0.00	0.00	0.08	0.00	0.00
7	0.00	0.20	0.00	0.00	0.00	0.50	0.00
8	0.00	0.00	0.00	0.33	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.03	0.00	0.00	0.00
12	0.50	0.00	0.00	0.00	0.00	0.03	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.01	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.05	0.00
18	0.00	0.00	0.00	0.00	0.17	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.03	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.06
22	0.00	0.00	0.00	0.01	0.00	0.03	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.10
24	0.00	0.00	0.43	0.00	0.00	0.00	0.00
25	0.20	0.00	1.30	0.00	0.00	0.00	0.00
26	0.00	0.00	0.07	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.03
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.15	0.02	0.00	0.06
30	0.00		0.00	0.00	0.01	0.00	0.00
31	0.00		0.00		0.00		0.00

1946

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.37	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.03	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.04	0.00	0.00	0.00	0.24	0.00	0.00
6	0.00	0.00	0.00	0.00	0.70	0.00	0.00
7	0.00	0.04	0.10	0.17	0.04	0.00	0.00
8	0.00	0.00	0.00	0.00	0.46	0.00	0.00
9	0.00	0.00	0.00	0.00	0.15	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.01	0.00	0.00	0.05	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.25	0.00	0.00	0.00
15	0.00	0.03	1.49	0.00	0.00	0.00	0.20
16	0.00	0.00	0.15	0.03	0.00	0.15	0.00
17	0.00	0.02	0.25	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.15	0.00
22	0.22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.15	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.06
27	0.03	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.06	0.00	0.00	0.70	0.70	0.04
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.16	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1947

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.06	0.00	0.00	0.00	0.00
2	0.00	0.20	0.02	0.00	0.00	0.00	0.40
3	0.00	0.20	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.19	0.00	0.18	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.20	0.08	0.00	0.00	0.00	0.00	0.00
7	0.00	0.10	0.00	0.00	0.00	0.06	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.20	0.00	0.02
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.30	0.04	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.40	0.00	0.18	0.00	0.00	0.00	0.40
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.20	0.00	0.00	0.40	0.00
17	0.00	0.00	0.00	0.00	0.00	0.10	0.00
18	0.00	0.00	0.20	0.00	0.00	0.50	0.30
19	0.00	0.00	0.00	0.10	0.00	0.00	0.00
20	0.00	0.00	0.30	0.07	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.04	0.00	0.00	0.00	0.40	0.00
25	0.00	0.07	0.00	0.03	0.30	0.00	0.00
26	0.00	0.02	0.00	0.00	0.00	0.20	0.00
27	0.30	0.00	0.00	0.00	0.00	0.20	0.00
28	0.00	0.00	0.30	0.00	0.00	0.08	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.28	0.00	0.00	0.60
31	0.00		0.00		0.15		0.00

1948

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.66	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.08	0.10	0.00	0.60
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.40	0.90	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.30	0.00	0.00	0.00	0.40
12	0.00	0.00	0.20	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.20	0.00
14	0.12	0.00	0.00	0.00	0.00	0.00	0.30
15	0.00	0.01	0.00	0.20	0.00	0.00	1.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.20
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.15	0.00	0.33	0.00	0.00	0.00
19	0.00	0.00	0.10	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.20
21	0.25	0.00	0.00	0.00	0.00	0.00	0.10
22	0.00	0.95	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.29	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.10	0.00	0.00	0.68	0.00	0.40	0.00
26	0.00	0.00	0.00	0.10	0.00	0.00	0.00
27	0.00	0.20	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00		0.50	0.00	0.25	0.00	0.00
31	0.00		0.00		0.00		0.00

1949

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.31	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.08	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	1.40	0.00	0.00
11	0.00	0.20	0.00	0.00	0.54	0.00	0.50
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.02	0.00	0.00	0.00
15	0.30	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.01	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.25	0.00	0.00
19	0.00	0.00	0.00	0.00	1.10	0.25	0.40
20	0.00	0.00	0.20	0.00	0.00	0.08	0.00
21	0.00	0.10	0.15	0.00	0.41	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.20	0.30	0.00	0.00	0.00	0.00
24	0.20	0.00	0.00	0.00	0.08	0.00	0.00
25	0.00	0.00	0.40	0.00	0.00	0.00	0.00
26	0.00	0.30	0.20	0.00	0.00	0.40	0.30
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.20	0.00	0.00	0.00	0.00	0.00	0.20
29	0.00		0.00	0.00	0.33	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1950

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.35
2	0.00	0.00	0.00	0.40	0.50	0.00	0.00
3	0.00	0.00	0.00	0.40	0.00	0.03	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.50	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.30	0.00	0.20	0.00
10	0.15	0.00	0.00	0.00	0.00	0.00	0.15
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.30
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.40	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.20	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.20	0.00	0.00	0.00
21	0.20	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.20	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.70	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.60	0.00	0.00	0.00
26	0.00	0.00	0.00	0.10	0.00	0.00	0.00
27	0.00	0.00	0.25	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.10	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.30	0.00	0.00	0.00
31	0.00		0.25		0.00		0.20

1951

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.20	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.20	0.02
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.40	0.00	0.00	0.00	0.00	0.04
6	0.00	0.00	0.00	0.00	0.00	0.00	0.06
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.15	0.15	0.00	0.00	0.00	0.00
10	0.00	0.00	0.40	0.02	0.00	0.00	0.00
11	0.00	0.00	0.00	0.05	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.20
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.35	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.60	0.00
16	0.00	0.00	0.20	0.00	0.00	0.15	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.10	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.05	0.30	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.20	0.00	0.00	0.10	0.00	0.10	0.00
23	0.20	0.00	0.05	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.25	0.00	0.00	0.20	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.67	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.06	0.00	0.00	0.00
31	0.00		0.00		0.05		0.10

1952

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.10
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.30	0.00
9	0.20	0.00	0.05	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.50	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.02	0.00	0.00	0.10	0.00	0.00
15	0.00	0.00	0.00	0.00	0.01	0.00	0.00
16	0.15	0.00	0.00	0.00	0.00	0.00	0.00
17	0.20	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.40	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.06	0.00
20	0.00	0.00	0.10	0.00	0.00	0.00	0.00
21	0.10	0.00	0.10	0.00	0.00	0.00	0.00
22	0.20	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.10	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.01
27	0.05	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.02
29	0.00	0.01	0.00	0.00	0.00	0.00	0.01
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1953

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.20	0.00	0.04	0.00	0.00	0.00
2	0.00	0.00	0.25	0.00	0.00	0.00	0.00
3	0.00	0.20	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.15	0.00	0.00	0.00	0.00	0.00	0.10
8	0.00	0.00	0.15	0.03	0.00	0.00	0.00
9	0.00	0.00	0.00	0.01	0.00	0.00	0.00
10	0.00	0.00	0.00	0.01	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.15	0.05	0.00	0.00	0.00
13	0.05	0.00	0.00	0.10	0.00	0.00	0.00
14	0.00	0.00	0.20	0.00	0.00	0.00	0.25
15	0.00	0.00	0.10	0.10	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.45	0.00	0.00
17	0.00	0.15	0.05	0.05	0.00	0.00	0.00
18	0.30	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.10	0.00
21	0.00	0.00	0.00	0.00	0.20	0.00	0.00
22	0.00	0.00	0.05	0.00	0.04	0.00	0.00
23	0.00	0.00	0.00	0.05	0.00	0.00	0.00
24	0.00	0.00	0.00	0.40	0.15	0.00	0.00
25	0.00	0.10	0.00	0.00	0.00	0.00	0.20
26	0.00	0.05	0.02	0.00	0.00	0.00	0.00
27	0.60	0.00	0.00	0.00	0.02	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.04	0.01	0.00	0.00
30	0.20		0.02	0.55	0.00	0.00	0.00
31	0.30		0.00		0.00		0.00

1954

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.30	0.00	0.00	0.00	0.37	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.10	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.05	0.00	0.00	0.00
7	0.05	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.05	0.00	0.00	0.00	0.00
9	0.30	0.00	0.00	0.00	0.00	0.00	0.00
10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.10	0.00	0.00	0.00	0.28	0.05
14	0.10	0.00	0.00	0.08	0.04	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.02	0.00	0.00	0.00
17	0.40	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.00	0.00	0.60	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.10	0.00	0.00	0.02	0.00	0.00	0.05
24	0.00	0.00	0.30	0.00	0.64	0.00	0.00
25	0.00	0.00	0.00	0.01	0.00	0.15	0.00
26	0.10	0.15	0.10	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.17	0.00	0.20	0.00
28	0.00	0.00	0.00	1.11	0.06	0.10	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1955

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.05	0.45	0.00	0.00	0.10	0.20
2	0.70	0.00	0.70	0.00	0.10	0.00	0.00
3	0.20	0.00	0.03	0.00	0.00	0.00	0.00
4	0.00	0.05	0.03	0.00	0.25	0.34	0.00
5	0.00	0.02	0.00	0.00	0.03	0.05	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.05	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.28	0.00
9	0.00	0.00	0.05	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.03	0.10	0.00
11	0.20	0.00	0.10	0.00	0.00	0.00	0.00
12	0.00	0.00	0.40	0.00	0.00	0.00	0.00
13	0.40	0.00	0.00	0.00	0.00	0.05	0.25
14	0.00	0.05	0.00	0.00	0.00	0.50	0.05
15	0.00	0.03	0.00	0.00	0.00	0.30	0.00
16	0.00	0.00	0.00	0.00	0.00	0.10	0.00
17	0.00	0.10	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.15	0.00	0.00	0.10	0.00
19	0.00	0.00	0.00	0.33	0.02	0.00	0.35
20	0.30	0.30	0.00	0.20	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.50	0.00
22	0.00	0.00	0.00	0.00	0.00	0.30	0.10
23	0.00	0.00	0.05	0.09	0.00	0.00	0.15
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.10	0.00	0.00	0.00	0.00
26	0.00	0.05	0.00	0.00	0.00	0.00	0.00
27	0.05	0.05	0.00	0.00	0.20	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.20	0.00
31	0.00		0.00		0.20		0.00

1956

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.05	0.00	0.00	0.00	0.00	0.18	0.00
2	0.00	0.00	0.00	0.00	0.00	0.18	0.00
3	0.00	0.00	0.00	0.00	0.00	0.06	0.00
4	0.00	0.05	0.15	0.00	0.00	0.25	0.05
5	0.00	0.00	0.15	0.00	0.08	0.75	0.00
6	0.00	0.15	0.05	0.00	0.00	0.26	0.00
7	0.00	0.00	0.00	0.00	0.00	0.05	0.00
8	0.00	0.00	0.05	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.60
11	0.00	0.00	0.00	0.00	0.00	0.10	0.00
12	0.00	0.40	0.00	0.00	0.00	0.00	0.00
13	0.00	0.05	0.00	0.00	0.00	0.00	0.05
14	0.00	0.00	0.00	0.02	0.00	0.00	0.05
15	0.15	0.00	0.00	0.00	0.00	0.05	0.00
16	0.00	0.00	0.00	0.00	0.00	0.05	0.40
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.25	0.00	0.00	0.00	0.00	0.05	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.30	0.00	0.00	0.00	0.00	0.00	0.00
24	0.20	0.00	0.00	0.00	0.00	0.00	0.00
25	0.05	0.00	0.00	0.00	0.60	0.00	0.00
26	0.00	0.00	0.15	0.00	0.00	0.00	0.00
27	0.80	0.00	0.75	0.00	0.00	0.00	0.00
28	0.05	0.00	0.35	0.00	0.00	0.00	0.10
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.10
31	0.00		0.00		0.01		0.00

1957

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.20	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.45	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.15	0.10	0.00
7	0.00	0.00	0.15	0.00	0.19	0.00	0.00
8	0.00	0.00	0.00	0.30	0.00	0.15	0.00
9	0.00	0.03	0.00	0.20	0.00	0.00	0.10
10	0.00	0.00	0.30	0.05	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.65	0.00	0.00	0.00
16	0.05	0.05	0.00	0.00	0.00	0.00	0.00
17	0.10	0.05	0.00	0.06	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.10	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.12	0.00	0.05	0.05
23	0.00	0.10	0.00	0.13	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.15	0.00
26	0.00	0.00	0.00	0.00	0.00	0.10	0.00
27	0.10	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.05	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.30	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1958

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.42	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.02	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.20
4	0.00	0.20	0.20	0.00	0.00	0.00	0.05
5	0.00	0.00	0.20	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.30	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.80	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.12	0.00	0.00
10	0.00	0.00	0.00	0.06	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.15	0.00	0.00	0.02	0.00
14	0.00	0.00	0.10	0.00	0.00	0.00	0.05
15	0.00	0.00	0.10	0.00	0.00	0.40	0.30
16	0.00	0.00	0.05	0.00	0.00	0.40	0.00
17	0.05	0.00	0.00	0.00	0.00	0.80	0.00
18	0.05	0.00	0.00	0.06	0.00	0.00	0.30
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.04	0.10	0.00
21	0.00	0.00	0.00	0.00	0.02	0.00	0.00
22	0.00	0.00	0.00	0.00	0.02	0.30	0.00
23	0.00	0.33	0.00	0.00	0.00	0.00	0.00
24	0.10	0.00	0.00	0.00	0.00	1.10	0.00
25	0.05	0.00	0.00	0.00	0.00	0.10	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.20	0.00	0.00	0.00
28	0.00	0.00	0.00	0.10	0.00	0.00	0.00
29	0.10		0.00	0.00	0.00	0.05	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.20		0.00		0.00		0.00

1959

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.30	0.00	0.04	0.00	0.05	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.05
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.08	0.46	0.05	0.00
7	0.00	0.00	0.00	0.03	0.98	0.00	0.00
8	0.00	0.20	0.00	0.00	0.98	0.00	0.00
9	0.00	0.00	0.10	0.00	1.00	0.00	0.00
10	0.00	0.00	0.10	0.00	0.90	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.05	0.10	0.00	0.00	0.00	0.00
13	0.05	0.00	0.00	0.00	0.10	0.00	0.00
14	0.00	0.00	0.00	0.00	0.56	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.10	0.00
16	0.00	0.05	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.02	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.20	0.00	0.00	0.10	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.13	0.00	0.00
22	0.10	0.00	0.00	0.00	0.00	0.00	0.05
23	0.00	0.00	0.00	0.00	0.00	0.50	0.00
24	0.00	0.00	0.00	0.00	0.00	0.10	0.00
25	0.10	0.00	0.00	0.00	0.60	0.00	0.00
26	0.00	0.03	0.00	0.00	0.00	0.05	0.10
27	0.00	0.00	0.00	0.00	0.00	0.00	0.30
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.36	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.20

1960

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.20	0.00	0.00	0.10	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.01	0.00	0.00	0.00	0.00	0.19
5	0.00	0.00	0.00	0.00	0.00	0.00	0.22
6	0.05	0.00	0.00	0.00	0.00	0.00	0.13
7	0.00	0.03	0.20	0.00	0.00	0.00	0.00
8	0.10	0.00	0.00	0.00	0.00	0.05	0.00
9	0.10	0.00	0.20	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.40	0.00	0.04	0.00
11	0.00	0.00	0.00	0.00	0.00	0.05	0.00
12	0.00	0.00	0.00	0.50	0.29	0.00	0.00
13	0.00	0.00	0.00	0.50	0.00	0.05	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.14
15	0.00	0.00	0.10	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.04	0.00	0.00	0.00	0.00	0.04
18	0.00	0.00	0.00	0.12	0.00	0.26	0.03
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.03	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.50	0.00	0.00
22	0.00	0.00	0.05	0.00	0.00	0.00	0.07
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.10	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.95	0.00	0.00	0.14
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.06	0.00
28	0.02	0.00	0.61	0.00	0.00	0.05	0.00
29	0.00	0.00	0.00	0.00	0.60	0.00	0.26
30	0.00		0.00	0.00	0.10	0.00	0.13
31	0.00		0.00		0.00		0.00

1961

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00
2	0.05	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.04
4	0.00	0.00	0.10	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.50	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.10	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.25	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.30	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.15
14	0.00	0.30	0.00	0.00	0.00	0.00	0.00
15	0.00	0.05	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.05	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.15
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.30	0.00	0.51	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.20	0.40
22	0.00	1.10	0.00	0.00	0.00	0.00	0.20
23	0.00	0.40	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.40	0.50	0.20	0.00	0.00	0.00
26	0.00	0.00	0.00	0.30	0.00	0.00	0.00
27	0.05	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.10	0.00
29	0.00		0.00	0.02	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.05

1962

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.14	0.00	0.00	0.00	0.06	0.00
2	0.00	0.00	0.20	0.00	0.00	0.00	0.00
3	0.40	0.40	0.70	0.00	0.00	0.02	0.00
4	0.25	0.10	0.35	0.00	0.00	0.00	0.11
5	0.00	0.00	0.00	0.00	0.00	0.22	0.00
6	0.15	0.00	0.00	0.00	0.00	0.20	0.07
7	0.10	0.00	0.00	0.20	0.16	0.00	0.05
8	0.00	0.00	0.00	0.00	0.06	0.00	0.00
9	0.05	0.02	0.00	0.00	0.00	0.00	0.02
10	0.00	0.01	0.00	0.04	0.12	0.00	0.00
11	0.00	0.00	0.20	0.00	0.04	0.00	0.00
12	0.00	0.50	0.00	0.05	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.02	0.00	0.00
14	0.00	0.50	0.00	0.00	0.04	0.00	0.00
15	0.00	0.35	0.00	0.00	0.46	0.00	0.00
16	0.00	0.00	0.00	0.09	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.07
18	0.00	0.00	0.00	0.00	0.00	0.03	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.05	0.00	0.00	0.00	0.00	0.00	0.11
21	0.00	0.00	0.00	0.00	0.14	0.00	0.20
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.05	0.00	0.20	0.00	0.00	0.33	0.02
28	0.10	0.00	0.15	0.07	0.00	0.20	0.00
29	0.00		0.40	0.00	0.00	0.02	0.00
30	0.05		0.20	0.00	0.00	0.00	0.00
31	0.00		0.00		0.03		0.00

1963

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.06	0.00	0.06	0.00	0.00	0.00
2	0.00	0.00	0.00	0.08	0.00	0.00	0.00
3	0.05	0.21	0.38	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.06	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.40
7	0.07	0.21	0.12	0.10	0.00	0.00	0.52
8	0.00	0.06	0.08	0.00	0.00	0.00	0.00
9	0.00	0.26	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.02	0.00	0.00	0.00	0.00
12	0.01	0.02	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.03	0.15	0.00	0.00	0.00
16	0.20	0.00	0.00	0.25	0.00	0.00	0.00
17	0.00	0.03	0.00	0.00	0.00	0.00	0.00
18	0.00	0.06	0.00	0.00	0.00	0.00	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.35	0.00	0.00
21	0.00	0.00	0.00	0.00	0.45	0.15	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.12	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.40	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.30
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.10	0.00
28	0.00	0.11	0.00	0.25	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1964

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.18	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.02	0.18	0.00	0.00	0.00
6	0.00	0.15	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.10	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.08	0.00
12	0.00	0.00	0.00	0.81	0.00	0.02	0.00
13	0.00	0.00	0.15	0.04	0.00	0.00	0.00
14	0.00	0.00	0.00	0.01	0.00	0.15	0.00
15	0.00	0.00	0.03	0.00	0.00	0.00	0.40
16	0.10	0.00	0.02	0.00	0.00	0.00	0.10
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.20	0.00	0.60	0.01	0.00	0.10	0.00
19	0.00	0.00	0.10	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.15
21	0.00	0.00	0.00	0.00	0.00	0.00	0.05
22	0.00	0.00	0.20	0.00	0.00	0.00	0.25
23	0.05	0.00	0.70	0.00	0.00	0.00	0.60
24	0.15	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.07	0.00	0.20	0.00
27	0.00	0.00	0.00	0.16	0.00	0.25	0.15
28	0.00	0.00	0.15	0.03	0.00	0.05	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.05
30	0.00		0.00	0.00	0.00	0.05	0.05
31	0.00		0.00		0.00		0.05

1965

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.10	0.00	0.00	0.00
2	0.00	0.00	0.00	0.03	0.00	0.00	0.00
3	0.05	0.00	0.00	0.10	0.00	0.00	0.00
4	0.00	0.20	0.00	0.03	0.00	0.00	0.00
5	0.00	0.00	0.00	0.33	0.01	0.00	0.00
6	0.00	0.00	0.00	0.19	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.07	0.20	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.22	0.00	0.00	0.00
10	0.05	0.00	0.00	1.05	0.00	0.20	0.00
11	0.00	0.00	0.00	0.02	0.00	0.00	0.00
12	0.00	0.00	0.05	0.00	0.00	0.10	0.10
13	0.00	0.00	0.00	0.00	0.25	0.00	0.05
14	0.00	0.00	0.15	0.00	0.00	0.15	0.00
15	0.00	0.00	0.00	0.00	0.00	0.60	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.05	0.00	0.00	0.00	0.15	0.00	0.00
19	0.00	0.00	0.00	0.00	0.09	0.30	0.00
20	0.00	0.00	0.00	0.00	0.00	0.10	0.00
21	0.00	0.00	0.00	0.02	0.00	0.10	0.00
22	0.00	0.00	0.00	0.00	0.00	0.10	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.30	0.00
25	0.00	0.00	0.00	0.00	0.00	0.30	0.20
26	0.00	0.00	0.20	0.15	0.00	0.10	0.00
27	0.00	0.00	0.00	0.00	0.00	0.20	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.04	0.00	0.00
30	0.00		0.30	0.00	0.00	0.00	0.00
31	0.00		0.10		0.00		0.80

1966

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.05	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.20	0.00	0.03	0.00	0.00
4	0.00	0.00	0.70	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.05	0.05
6	0.00	0.00	0.00	0.10	0.00	0.15	0.00
7	0.00	0.10	0.05	0.05	0.00	0.00	0.20
8	0.10	0.00	0.00	0.00	0.00	0.00	0.00
9	0.05	0.40	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.35	0.05	0.00
13	0.00	0.00	0.00	0.09	0.04	0.00	0.00
14	0.10	0.00	0.00	0.00	0.04	0.00	0.00
15	0.00	0.00	0.00	0.01	0.00	0.00	0.00
16	0.00	0.00	0.00	0.01	0.00	0.20	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.20
19	0.05	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.20
21	0.00	0.00	0.00	0.43	0.75	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.20	0.00	0.00	0.00
24	0.00	0.00	0.05	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.80	0.00	0.00	0.00
27	0.00	0.00	0.00	1.20	0.00	0.00	0.00
28	0.00	0.20	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.10	0.00
30	0.00		0.00	0.00	0.00	0.00	0.10
31	0.05		0.10		0.05		0.00

1967

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.15	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.15	0.05	0.00	0.00	0.00	0.00	0.00
4	0.10	0.00	0.00	0.00	0.00	0.00	0.00
5	0.10	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.87	0.00	0.00
7	0.00	0.00	0.00	0.00	0.13	0.00	0.00
8	0.20	0.00	0.10	0.00	0.08	0.00	0.02
9	0.05	0.00	0.00	0.00	0.00	0.02	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.35
11	0.00	0.05	0.15	0.00	0.02	0.04	0.05
12	0.00	0.00	0.10	0.00	0.90	0.00	0.00
13	0.00	0.00	0.00	0.58	0.00	0.00	0.00
14	0.00	0.00	0.00	0.20	0.00	0.00	0.00
15	0.10	0.00	0.00	0.00	0.00	0.05	0.00
16	0.00	0.00	0.00	0.35	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.40
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.10	0.00	0.05	1.85	0.20	0.00	0.00
20	0.00	0.30	0.00	0.98	0.00	0.10	0.20
21	0.00	0.05	0.00	0.15	0.00	0.00	0.00
22	0.15	0.05	0.00	0.00	0.00	0.10	0.05
23	0.00	0.00	0.00	0.00	0.00	0.05	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.45	0.00	0.02	0.00	0.22	0.00	0.00
29	0.05		0.04	0.00	0.00	0.00	0.00
30	0.00		0.00	0.35	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1968

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.05	0.00	0.00	0.27	0.00	0.00
2	0.00	0.00	0.00	1.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.10	0.00	0.00	0.00	0.05
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.05
7	0.00	0.00	0.00	0.00	0.00	0.00	0.05
8	0.10	0.00	0.00	0.00	0.00	0.00	0.05
9	0.00	0.00	0.00	0.00	0.00	0.25	0.00
10	0.10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.10	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.05	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.20	0.00	0.22	0.00	0.00
15	0.00	0.00	0.00	0.00	0.68	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.30	0.00
17	0.05	0.00	0.00	0.00	0.05	0.10	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.71	0.00	0.00	0.00
20	0.00	0.00	0.00	0.97	0.00	0.00	0.05
21	0.00	0.00	0.00	0.00	0.08	0.00	0.10
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.20	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.20
26	0.00	0.00	0.02	0.00	0.25	0.00	0.00
27	0.10	0.05	0.00	0.00	0.00	0.00	0.10
28	0.25	0.00	0.05	0.00	0.00	0.00	0.00
29	0.00	0.00	0.26	0.00	0.00	0.00	0.00
30	0.00		0.10	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

1969

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.08	0.00	0.00
3	0.00	0.00	0.00	0.00	0.02	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.10	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.07	0.00	0.00
7	0.40	0.00	0.15	0.11	0.00	0.00	0.25
8	0.00	0.00	0.20	0.00	0.00	0.00	0.25
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.30	0.00	0.00	0.00	0.00	0.00	0.00
13	0.10	0.00	0.00	0.00	0.00	0.00	0.00
14	0.20	0.05	0.00	0.00	0.08	0.00	0.00
15	0.20	0.00	0.00	0.00	0.07	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.05	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.10	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.04	0.15	0.00	0.00
21	0.15	0.10	0.00	0.00	0.00	0.00	0.00
22	0.15	0.05	0.00	0.00	0.00	0.10	0.00
23	0.05	0.00	0.00	0.00	0.00	0.00	0.05
24	0.00	0.05	0.00	0.00	0.10	0.00	0.00
25	0.00	0.05	0.00	0.63	0.00	0.20	0.00
26	0.25	0.30	0.00	0.05	0.00	0.00	0.00
27	0.00	0.30	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.15		0.00	0.00	0.06	0.00	0.00
30	0.00		0.00	0.38	0.00	0.00	0.00
31	0.00		0.00		0.00		0.40

1970

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.10	0.20	0.00	0.00	0.36	0.00
2	0.00	0.00	0.40	0.15	0.00	0.00	0.00
3	0.00	0.20	0.00	0.00	0.00	0.00	0.10
4	0.00	0.00	0.00	0.00	0.00	0.00	0.15
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.70	0.00	0.00	0.00	0.10
8	0.00	0.00	0.00	0.30	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.05	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.04	0.00	0.00
12	0.00	0.00	0.05	0.00	0.02	0.05	0.00
13	0.20	0.00	0.00	0.00	0.00	0.00	0.00
14	0.40	0.00	0.00	0.00	0.00	0.00	0.00
15	0.10	0.05	0.00	0.95	0.00	0.00	0.00
16	0.00	0.15	0.00	0.25	0.00	0.10	0.00
17	0.00	0.30	0.00	0.00	0.00	0.10	0.10
18	0.00	0.00	0.00	0.30	0.00	0.00	0.00
19	0.00	0.00	0.00	0.70	0.00	0.00	0.05
20	0.00	0.00	0.00	0.60	0.00	0.00	0.00
21	0.00	0.00	0.05	0.10	0.00	0.15	0.40
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.15	0.00
25	0.00	0.00	0.00	0.00	0.46	0.00	0.05
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.20	0.00	0.00	0.07	0.00	0.05	0.00
28	0.00	0.00	0.00	0.45	0.09	0.00	0.00
29	0.00		0.50	0.03	0.30	0.10	0.00
30	0.00		0.00	0.00	0.00	0.10	0.00
31	0.10		0.00		0.40		0.00

1971

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.10	1.10	0.00	0.00
2	0.00	0.00	0.00	0.00	1.10	0.30	0.00
3	0.00	0.00	0.00	0.00	0.00	0.15	0.00
4	0.00	0.00	0.00	0.00	0.01	0.15	0.05
5	0.00	0.00	0.00	0.00	0.00	0.05	0.00
6	0.00	0.00	0.00	0.00	0.04	0.00	0.00
7	0.00	0.00	0.00	0.00	0.08	0.00	0.00
8	0.05	0.00	0.05	0.00	0.17	0.00	0.00
9	0.00	0.00	0.02	0.00	0.00	0.00	0.00
10	0.00	0.05	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.20	0.00	0.00	0.00	0.00
12	0.30	0.00	0.00	0.05	0.00	0.00	0.00
13	0.10	0.00	1.50	0.00	0.00	0.00	0.10
14	0.00	0.00	0.50	0.00	0.00	0.04	0.10
15	0.10	0.00	0.00	0.00	0.00	0.00	0.05
16	0.00	0.00	0.00	0.07	0.52	0.00	0.00
17	0.00	0.05	0.00	0.80	0.04	0.05	0.00
18	0.00	0.00	0.00	0.12	0.47	0.00	0.10
19	0.00	0.00	0.00	0.00	0.00	0.10	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.05	0.05	0.00	0.00	0.00
25	0.00	0.00	0.10	0.00	0.00	0.00	0.05
26	0.00	0.00	0.10	0.00	0.00	0.10	0.00
27	0.00	0.00	0.30	0.00	0.00	0.00	0.00
28	0.25	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.53	0.00	0.10	0.00
30	0.00		0.00	0.00	1.10	0.00	0.00
31	0.00		0.20		0.00		0.00

1972

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.05	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.10	0.00	0.00	0.00	0.00
6	0.00	0.00	0.05	0.15	0.01	0.00	0.00
7	0.00	0.00	0.00	0.05	0.00	0.00	0.00
8	0.10	0.00	0.05	0.00	0.00	0.00	0.00
9	0.35	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.33	0.10	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.06	0.04	0.00	0.00	0.00
15	0.00	0.05	0.00	0.00	0.00	0.00	0.00
16	0.00	0.30	0.00	0.03	0.00	0.00	0.00
17	0.00	0.10	0.00	0.00	0.00	0.10	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.11
20	0.10	0.00	0.00	0.02	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.05
22	0.05	0.00	0.00	0.37	0.00	0.00	0.00
23	0.10	0.00	0.00	0.09	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.40	0.04	0.40	0.10	0.00
27	0.00	0.20	0.20	0.00	0.30	0.00	0.00
28	0.00	0.20	0.05	0.00	0.00	0.00	0.05
29	0.00	0.00	0.05	0.00	0.30	0.00	0.10
30	0.00		0.00	0.00	0.00	0.10	0.20
31	0.00		0.00		0.00		0.10

1973

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.08	0.00	0.00
4	0.00	0.05	0.00	0.00	0.00	0.00	0.00
5	0.00	0.15	0.15	0.00	0.00	0.00	0.00
6	0.00	0.00	0.10	0.05	0.00	0.20	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.06
8	0.00	0.00	0.00	0.00	0.39	0.00	0.10
9	0.00	0.00	0.00	0.00	0.15	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.05
11	0.00	0.00	0.00	0.00	0.90	0.00	0.05
12	0.00	0.05	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.15	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.10
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.10	0.00	0.00	0.00	0.00	0.60
17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.10	0.20	0.00	0.00	0.00
19	0.00	0.00	0.05	0.22	0.00	0.45	0.00
20	0.00	0.00	0.00	0.08	0.00	0.30	0.00
21	0.00	0.00	0.00	0.13	0.00	0.20	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.06	0.00
24	0.00	0.00	0.00	0.00	0.00	0.02	0.00
25	0.00	0.00	0.00	0.00	0.13	0.00	0.05
26	0.00	0.05	0.00	0.00	0.03	0.00	0.05
27	0.00	0.00	0.00	0.00	0.05	0.00	0.05
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.03		0.00

1974

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.10	0.00	0.20	0.00	0.20	0.00
2	0.00	0.00	0.05	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.10	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.35	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.05	0.00	0.00	0.06	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.05	0.00	0.00	0.00	0.00	0.00
10	0.00	0.10	0.00	0.00	0.00	0.00	0.00
11	0.00	0.05	0.00	0.51	0.00	0.00	0.00
12	0.00	0.05	0.00	0.14	0.00	0.00	0.00
13	0.05	0.00	0.20	0.00	0.07	0.00	0.00
14	0.40	0.00	0.10	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.07	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.05	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.05
19	0.00	0.00	0.00	0.03	0.00	0.00	0.05
20	0.00	0.00	0.05	1.84	0.00	0.00	0.00
21	0.00	0.00	0.05	0.10	0.00	0.00	0.10
22	0.10	0.00	0.05	0.00	0.00	0.00	0.70
23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	0.20	0.00	0.00	0.00	0.00	0.00	0.00
25	0.50	0.00	0.00	0.00	0.00	0.10	0.00
26	0.00	0.00	0.00	0.20	0.00	0.10	0.00
27	0.15	0.90	0.00	0.31	0.00	0.00	0.00
28	0.25	0.00	0.00	0.02	0.00	0.00	0.00
29	0.10		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.15		0.10		0.00		0.00

1975

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.05	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.10
3	0.00	0.00	0.00	0.00	0.00	0.00	0.15
4	0.00	0.00	0.30	0.00	0.00	0.00	0.00
5	0.05	0.00	0.10	0.05	0.00	0.00	0.00
6	0.00	0.00	0.00	0.17	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.10	0.00	0.00
9	0.15	0.00	0.00	0.00	0.00	0.00	0.00
10	0.10	0.20	0.00	0.00	0.02	0.00	0.00
11	0.15	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.60
13	0.00	0.10	0.00	0.00	0.54	0.00	0.00
14	0.05	0.00	0.00	0.17	0.74	0.00	0.05
15	0.00	0.00	0.00	0.00	0.00	0.00	0.10
16	0.05	0.00	0.00	0.10	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00	0.05
18	0.00	0.00	0.00	0.24	0.00	0.00	0.05
19	0.00	0.00	0.00	0.00	0.00	0.15	0.05
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.15	0.00	0.00	0.00	0.00	0.00	0.00
23	0.05	0.00	0.00	0.00	0.00	0.00	0.00
24	0.15	0.05	0.00	0.00	0.00	0.00	0.00
25	0.05	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.45	0.52	0.00	0.00	0.00
27	0.00	0.00	0.65	0.12	0.00	0.05	0.00
28	0.00	0.00	0.10	1.10	0.00	0.50	0.00
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.00	0.37	0.00	0.00	0.00
31	0.00		0.00		0.00		0.35

1976

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.10	0.00	0.50	0.00	0.00	0.00	0.00
2	0.05	0.10	0.30	0.00	0.00	0.00	0.10
3	0.00	0.00	0.00	0.00	0.02	0.00	0.00
4	0.05	0.00	0.00	0.00	0.00	0.00	0.00
5	0.15	0.00	0.00	0.00	0.00	0.00	0.10
6	0.00	0.00	0.05	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.12	0.00	0.00
8	0.00	0.00	0.60	0.00	0.00	0.00	0.20
9	0.25	0.00	0.00	0.00	0.00	0.05	0.20
10	0.00	0.05	0.15	0.00	0.00	0.00	0.10
11	0.30	0.00	0.25	0.00	0.00	0.00	0.05
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.03	0.00	0.00	0.00
14	0.00	0.00	0.00	0.11	0.16	0.00	0.00
15	0.00	0.10	0.05	0.00	0.05	0.00	0.00
16	0.00	0.10	0.00	0.84	0.00	0.00	0.00
17	0.00	0.05	0.00	0.04	0.00	0.00	0.00
18	0.00	0.00	0.00	0.04	0.00	0.00	0.00
19	0.00	0.00	0.10	0.10	0.00	0.00	0.00
20	0.05	0.00	0.05	0.17	0.00	0.05	0.00
21	0.00	0.00	0.00	0.00	0.00	0.05	0.15
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	0.05	0.00	0.00	0.00	0.00	0.05	0.00
24	0.10	0.00	0.00	0.00	0.00	0.00	0.00
25	0.10	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.60	0.00	0.00	0.00	0.00	0.20
27	0.00	0.50	0.04	0.00	0.00	0.00	0.00
28	0.00	0.40	0.00	0.00	0.00	0.00	0.00
29	0.10	0.00	0.00	0.11	0.00	0.00	0.00
30	0.00		0.00	0.06	0.00	0.00	0.05
31	0.00		0.00		0.00		0.00

1977

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.05	0.00	0.00	0.00	0.00	0.05
2	0.05	0.05	0.00	0.00	0.00	0.00	0.00
3	0.00	0.15	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.20	0.00	0.00	0.20
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.19	0.00	0.10
8	0.00	0.00	0.00	0.00	0.00	0.00	0.10
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.04	0.00	0.05	0.00	0.05
11	0.00	0.00	0.00	0.00	0.00	0.00	0.10
12	0.10	0.05	0.06	0.00	0.00	0.00	0.00
13	0.05	0.00	0.00	0.00	0.00	0.00	0.05
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.20	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.10	0.20	0.15
17	0.00	0.00	0.00	0.00	0.10	0.00	0.31
18	0.40	0.00	0.00	0.00	0.00	0.00	0.20
19	0.00	0.00	0.05	0.00	0.00	0.20	0.00
20	0.00	0.00	0.00	0.04	0.00	0.35	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.03	0.00	0.00	0.00
23	0.00	0.40	0.00	0.00	0.00	0.00	0.00
24	0.00	0.15	0.00	0.00	0.00	0.00	0.00
25	0.10	0.00	0.05	0.00	0.00	0.00	0.00
26	0.05	0.00	0.00	0.00	0.00	0.15	0.00
27	0.10	0.00	0.00	0.00	0.00	0.05	0.10
28	0.05	0.00	0.00	0.00	0.00	0.05	0.00
29	0.00		0.00	0.00	0.00	0.05	0.00
30	0.00		0.00	0.00	0.00	0.05	0.00
31	0.00		0.00		0.00		0.00

1978

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.05	0.00	0.00	0.00
2	0.00	0.00	0.00	0.10	0.04	0.00	0.00
3	0.00	0.10	0.00	0.00	0.00	0.00	0.04
4	0.00	0.00	0.00	0.00	0.00	0.24	0.09
5	0.20	0.00	0.00	0.38	0.00	0.00	0.00
6	0.00	0.00	0.00	0.01	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.14	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.07	0.00	0.00	0.00
11	0.00	0.00	0.00	0.12	0.08	0.00	0.00
12	0.10	0.00	0.00	0.00	0.08	0.56	0.04
13	0.00	0.00	0.00	0.00	0.04	0.08	0.00
14	0.00	0.00	0.00	0.00	0.04	0.00	0.00
15	0.00	0.00	0.00	0.00	0.08	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.24	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.17
19	0.00	0.05	0.20	0.05	0.00	0.00	0.51
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00	0.16
22	0.00	0.00	0.00	0.00	0.00	0.05	0.00
23	0.00	0.20	0.00	0.00	0.00	0.00	0.00
24	0.10	0.15	0.00	0.00	0.06	0.00	0.08
25	0.05	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.17	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.17	0.56
29	0.00		0.00	0.00	0.00	0.00	0.00
30	0.00		0.01	0.00	0.00	0.00	0.00
31	0.00		0.07		0.00		0.00

1979

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.00	0.04	0.00
2	0.00	0.04	0.08	0.00	0.00	0.00	0.00
3	0.00	0.02	0.00	0.28	0.17	0.00	0.00
4	0.00	0.02	0.00	0.08	0.00	0.00	0.08
5	0.00	0.00	0.00	0.05	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.12	0.04
7	0.00	0.00	0.09	0.06	0.24	0.16	0.00
8	0.00	0.00	0.06	0.00	0.00	0.00	0.04
9	0.00	0.17	0.00	0.00	0.08	0.00	0.05
10	0.00	0.24	0.00	0.00	0.18	0.04	0.10
11	0.00	0.00	0.00	0.14	0.00	0.00	0.00
12	0.00	0.24	0.10	0.35	0.00	0.00	0.02
13	0.00	0.32	0.04	0.18	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.02
16	0.08	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.04	0.00	0.00	0.00
18	0.04	0.00	0.09	0.00	0.00	0.00	0.00
19	0.00	0.00	0.28	0.25	0.16	0.00	0.00
20	0.00	0.06	0.36	0.00	0.00	0.00	0.00
21	0.00	0.13	0.00	0.00	0.00	0.00	0.00
22	0.04	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.08	0.00	0.00	0.00
24	0.12	0.02	0.14	0.34	0.00	0.00	0.00
25	0.00	0.00	0.39	0.00	0.08	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.20	0.00	0.00	0.10	0.00
28	0.04	0.02	0.00	0.91	0.00	0.04	0.00
29	0.02		0.20	0.59	0.00	0.00	0.00
30	0.00		0.00	0.28	0.00	0.00	0.00
31	0.00		0.20		0.00		0.00

1980

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.00	0.00	0.00	0.08	0.00	0.00
2	0.00	0.00	0.04	0.00	0.08	0.00	0.00
3	0.00	0.10	0.00	0.00	0.00	0.00	0.04
4	0.12	0.00	0.00	0.00	0.00	0.00	0.04
5	0.17	0.00	0.00	0.00	0.00	0.00	0.06
6	0.08	0.00	0.00	0.00	0.00	0.20	0.00
7	0.00	0.00	0.00	0.00	0.00	0.20	0.00
8	0.00	0.00	0.04	0.00	0.00	0.08	0.00
9	0.00	0.14	0.02	0.00	0.08	0.00	0.04
10	0.50	0.06	0.00	0.00	0.17	0.18	0.00
11	0.08	0.00	0.24	0.00	0.00	0.00	0.00
12	0.00	0.00	0.04	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.04
15	0.00	0.00	0.00	0.00	0.08	0.00	0.10
16	0.00	0.00	0.00	0.00	0.98	0.00	0.08
17	0.00	0.00	0.00	0.00	0.20	0.00	0.00
18	0.00	0.06	0.00	0.00	0.00	0.00	0.00
19	0.00	0.04	0.00	0.00	0.04	0.06	0.00
20	0.00	0.39	0.00	0.00	0.00	0.00	0.00
21	0.04	0.02	0.00	0.00	0.00	0.00	0.20
22	0.00	0.00	0.00	0.00	0.28	0.00	0.13
23	0.10	0.00	0.00	0.00	0.00	0.00	0.00
24	0.06	0.00	0.00	0.00	0.20	0.00	0.06
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.17	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.08	0.00
30	0.00		0.00	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.06

1981

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.00	0.10	0.00	0.14	0.00	0.00	0.00
2	0.06	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.71	0.00	0.00
4	0.00	0.00	0.00	0.00	0.08	0.00	0.00
5	0.06	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.13	0.00	0.00	0.00	0.00	0.00
7	0.06	0.08	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.08	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.06
11	0.00	0.00	0.00	0.00	0.33	0.00	0.00
12	0.00	0.00	0.00	0.00	0.56	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.06	0.00	0.00
17	0.00	0.00	0.00	0.00	0.04	0.00	0.00
18	0.00	0.00	0.00	0.08	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.06	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.24	0.10	0.00	0.18
22	0.00	0.00	0.00	0.00	0.00	0.06	0.20
23	0.00	0.00	0.00	0.00	0.02	0.00	0.04
24	0.06	0.00	0.23	0.08	0.00	0.04	0.00
25	1.18	0.00	0.06	0.00	0.00	0.16	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.04
27	0.00	0.00	0.09	0.00	0.00	0.00	0.06
28	0.00	0.00	0.09	0.00	0.00	0.00	0.00
29	0.00		0.00	0.20	0.00	0.00	0.00
30	0.00		0.00	0.02	0.20	0.00	0.00
31	0.10		0.00		0.00		0.00

1982

	JAN	FEB	MAR	APR	OCT	NOV	DEC
1	0.49	0.00	0.00	0.00	0.35	0.14	0.87
2	0.17	0.00	0.31	0.20	0.00	0.10	0.12
3	0.00	0.00	0.32	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.16	0.00	0.00
6	0.00	0.00	0.00	0.00	0.72	0.00	0.08
7	0.00	0.00	0.00	0.00	0.06	0.00	0.00
8	0.00	0.00	0.00	0.00	0.09	0.00	0.00
9	0.00	0.00	0.31	0.08	0.75	0.00	0.00
10	0.00	0.00	0.00	0.00	0.63	0.10	0.00
11	0.00	0.00	0.00	0.00	0.08	0.04	0.00
12	0.16	0.00	0.39	0.06	0.00	0.00	0.00
13	0.00	0.08	0.00	0.00	0.00	0.00	0.12
14	0.08	0.00	0.00	0.12	0.04	0.00	0.00
15	0.00	0.00	0.08	0.08	0.00	0.00	0.00
16	0.00	0.00	0.16	0.00	0.24	0.00	0.04
17	0.00	0.00	0.00	0.16	0.00	0.00	0.00
18	0.14	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.06	0.00
20	0.04	0.00	0.00	0.00	0.00	0.00	0.00
21	0.16	0.00	0.00	0.00	0.00	0.00	0.00
22	0.10	0.04	0.00	0.00	0.00	0.00	0.04
23	0.00	0.00	0.00	0.00	0.00	0.00	0.08
24	0.06	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.06	0.00	0.00	0.20	0.00	0.00
28	0.12	0.00	0.00	0.00	0.24	0.00	0.00
29	0.04		0.26	0.00	0.00	0.00	0.00
30	0.00		0.47	0.00	0.00	0.00	0.00
31	0.00		0.00		0.00		0.00

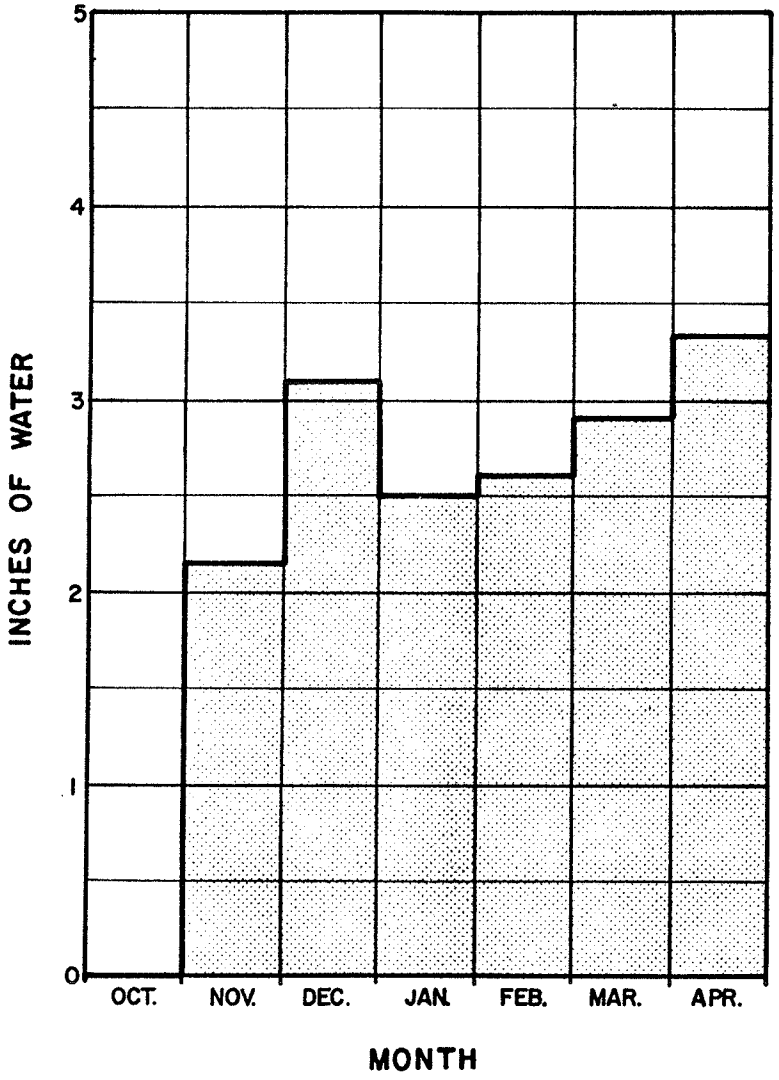
Appendix D

TABLE 1 - ESTIMATED SNOW ACCUMULATION SEASONS

for period of record 1925 to 1982

WINTER	START OF SNOW ACCUMULATION	END OF SNOW ACCUMULATION
1925 - 1926	Nov 24	Mar 20
1926 - 1927	Nov 15	Apr 9
1927 - 1928	Nov 11	Mar 19
1928 - 1929	Dec 1	Apr 2
1929 - 1930	Nov 20	Apr 1
1930 - 1931	Nov 15	Mar 31
1931 - 1932	Nov 22	Apr 4
1932 - 1933	Nov 8	Mar 28
1933 - 1934	Nov 1	Apr 4
1934 - 1935	Nov 27	Apr 7
1935 - 1936	Oct 29	Apr 9
1936 - 1937	Nov 1	Apr 7
1937 - 1938	Nov 14	Mar 14
1938 - 1939	Nov 20	Apr 1
1939 - 1940	Dec 18	Apr 13
1940 - 1941	Nov 21	Apr 9
1941 - 1942	Nov 16	Apr 13
1942 - 1943	Nov 17	Apr 3
1943 - 1944	Dec 2	Apr 9
1944 - 1945	Nov 17	Apr 20
1945 - 1946	Nov 5	Mar 20
1946 - 1947	Nov 16	Apr 11
1947 - 1948	Nov 8	Apr 16
1948 - 1949	Nov 17	Mar 31
1949 - 1950	Nov 19	Apr 14
1950 - 1951	Nov 8	Apr 14
1951 - 1952	Nov 1	Apr 5
1952 - 1953	Nov 22	Mar 27
1953 - 1954	Dec 2	Apr 4

1954 - 1955	Nov 25	Mar 31
1955 - 1956	Nov 11	Apr 9
1956 - 1957	Nov 14	Mar 19
1957 - 1958	Nov 15	Apr 10
1958 - 1959	Nov 23	Apr 2
1959 - 1960	Nov 1	Apr 9
1960 - 1961	Nov 8	Apr 18
1961 - 1962	Nov 23	Apr 16
1962 - 1963	Dec 4	Mar 21
1963 - 1964	Nov 20	Apr 2
1964 - 1965	Nov 18	Apr 7
1965 - 1966	Nov 12	Apr 16
1966 - 1967	Oct 31	Mar 22
1967 - 1968	Nov 25	Apr 2
1968 - 1969	Nov 5	Apr 4
1969 - 1970	Nov 12	Apr 21
1970 - 1971	Nov 19	Apr 5
1971 - 1972	Nov 20	Apr 8
1972 - 1973	Oct 27	Apr 18
1973 - 1974	Nov 2	Apr 9
1974 - 1975	Nov 20	Apr 9
1975 - 1976	Nov 20	Apr 13
1976 - 1977	Nov 21	Apr 4
1977 - 1978	Nov 19	Mar 25
1978 - 1979	Nov 10	Apr 13
1979 - 1980	Nov 23	Mar 27
1980 - 1981	Nov 30	Mar 28
1981 - 1982	Nov 18	Apr 2



APPENDIX E

SYNTHETIC SNOW SEASON

ACCUMULATION IN INCHES OF WATER
OCTOBER 27 TO APRIL 21

C.E.W. 84 06 21