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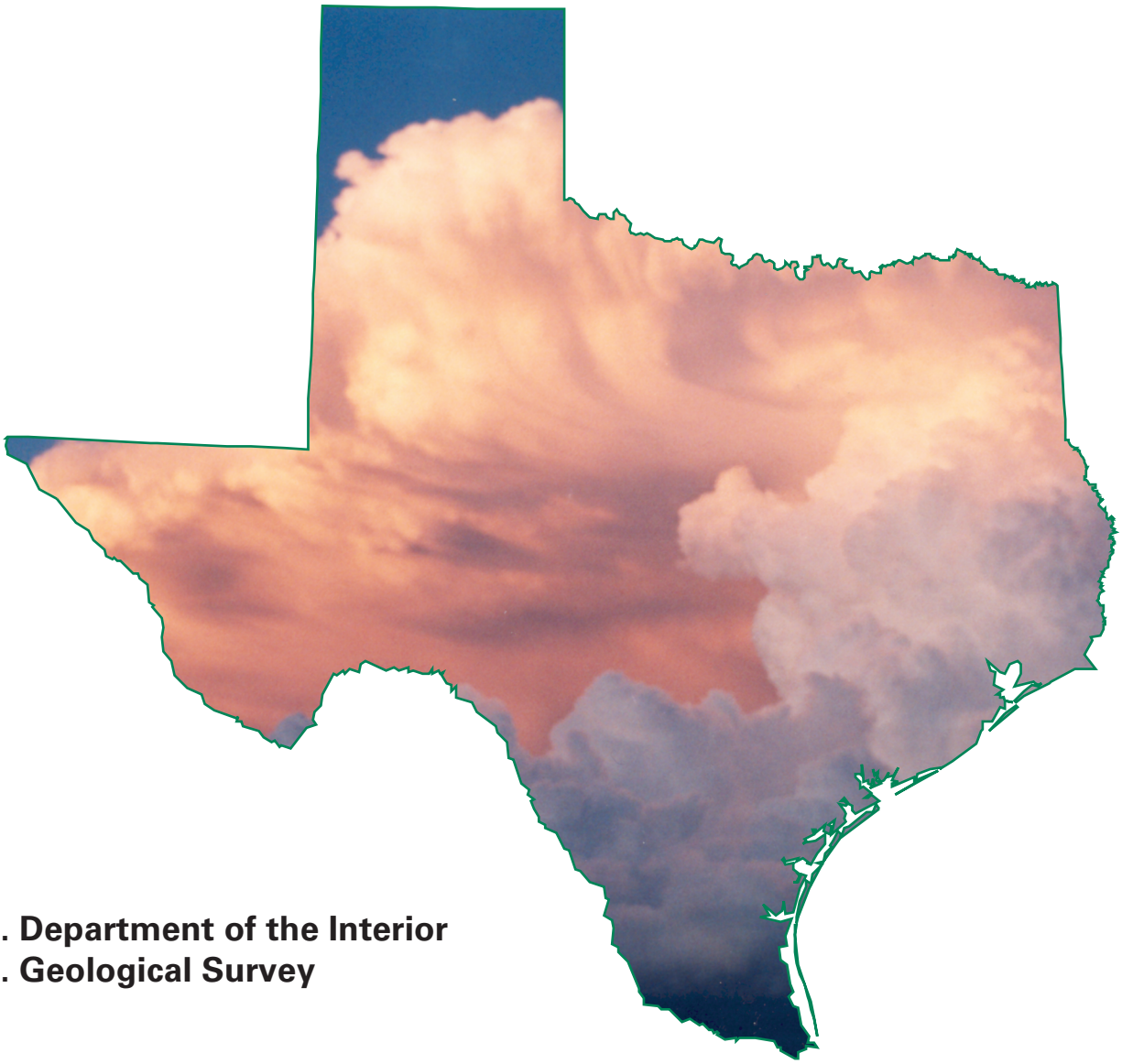
Atlas of Interoccurrence Intervals for Selected Thresholds of Daily Precipitation in Texas

Water-Resources Investigations Report 03–4281



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16. Abstract

The U.S. Geological Survey, in cooperation with the Texas Department of Transportation, has produced maps depicting the magnitude and spatial variation of interoccurrence intervals in days of daily precipitation exceeding selected thresholds in Texas. In the report, a Poisson model of precipitation interoccurrence intervals is described. A precipitation interoccurrence interval is the time period between two successive rainfall events. Events are defined as daily precipitation equaling or exceeding a specified depth threshold. Ten precipitation thresholds are considered: 0.05, 0.10, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 2.5, and 3.0 inches. Site-specific mean interoccurrence interval and ancillary statistics are presented for each threshold and for each of 1,306 National Weather Service daily precipitation gages. Maps depicting the spatial variation across Texas of the mean interoccurrence interval for each threshold are presented. Influence of elevation in west Texas and intra-annual variations or month-to-month differences in interoccurrence interval are documented.

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U.S. GEOLOGICAL SURVEY
Water-Resources Investigations 03–4281

In cooperation with the Texas Department of Transportation

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Multiply	By	To obtain
foot (ft)	0.3048	meter (m)
inch (in.)	25.40	millimeter (mm)
mile (mi)	1.609	kilometer (km)

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Atlas of Interoccurrence Intervals for Selected Thresholds of Daily Precipitation in Texas

By William H. Asquith *and* Meghan C. Roussel

Abstract

A Poisson process model is used to define the distribution of interoccurrence intervals of daily precipitation in Texas. A precipitation interoccurrence interval is the time period between two successive rainfall events. Rainfall events are defined as daily precipitation equaling or exceeding a specified depth threshold. Ten precipitation thresholds are considered: 0.05, 0.10, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 2.5, and 3.0 inches. Site-specific mean interoccurrence interval and ancillary statistics are presented for each threshold and for each of 1,306 National Weather Service daily precipitation gages. Maps depicting the spatial variation across Texas of the mean interoccurrence interval for each threshold are presented. The percent change from the statewide standard deviation of the interoccurrence intervals to the root-mean-square error ranges from a magnitude minimum of (negative) -24 to a magnitude maximum of -60 percent for the 0.05- and 2.0-inch thresholds, respectively. Because of the substantial negative percent change, the maps are considered more reliable estimators of the mean interoccurrence interval for most locations in Texas than the statewide mean values.

INTRODUCTION

A precipitation interoccurrence interval is the time period between two successive rainfall events. Rainfall events are defined as daily precipitation equaling or exceeding a depth threshold. Estimation of the interoccurrence interval for selected depth thresholds in Texas can be useful in developing hydrologic models, in enhancing guidelines for hydraulic structures design, and in assessing "best-management practices" for small watersheds. An interoccurrence interval is the expected or mean interval of time between precipitation "events," in which an event occurs when the daily precipitation depth equals or exceeds a specified threshold (for example, 1 inch). Another application for interoccurrence intervals is for estimation of typical antecedent moisture conditions for a watershed. Antecedent moisture—that is, soil moisture prior to a runoff event—is semi-dependent on how often precipitation occurs. Reliable estimates of typical antecedent moisture conditions across the State could enhance the estimation of rainfall-runoff relations.

Beginning in 2002, the U.S. Geological Survey, in cooperation with the Texas Department of Transportation, began a study of the interoccurrence intervals for selected thresholds of daily precipitation in Texas. The purposes of this report are to provide (1) site-specific estimates of interoccurrence intervals, (2) maps showing the statewide distribution of the expected (average or mean) interoccurrence intervals for selected event thresholds, (3) adjustment factors to account for the calendar variation of precipitation potential, and (4) example applications of interoccurrence intervals. The thresholds selected for this report are 0.05, 0.10, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 2.5, and 3.0 inches.

Data Sources

A database of daily precipitation in Texas was aggregated using National Weather Service (NWS) precipitation data. The time series of daily precipitation database was assembled for this report using Hydrosphere (2002). Specifically, the Hydrosphere (2002) data are derived from the data archives of the National Climatic Data Center. For this report, the daily NWS precipitation stations considered included only those stations in Texas for which a station name, latitude, and longitude were available. In total 1,306 stations were considered. The total number of days of record represented by the 1,306 stations is in excess of 15.1 million. The earliest year of record is 1895 and the latest year of record is 2001. The average period of record for the stations is about 34 years, and about 660 stations were active as of 2001. The stations are listed in table 1 (at

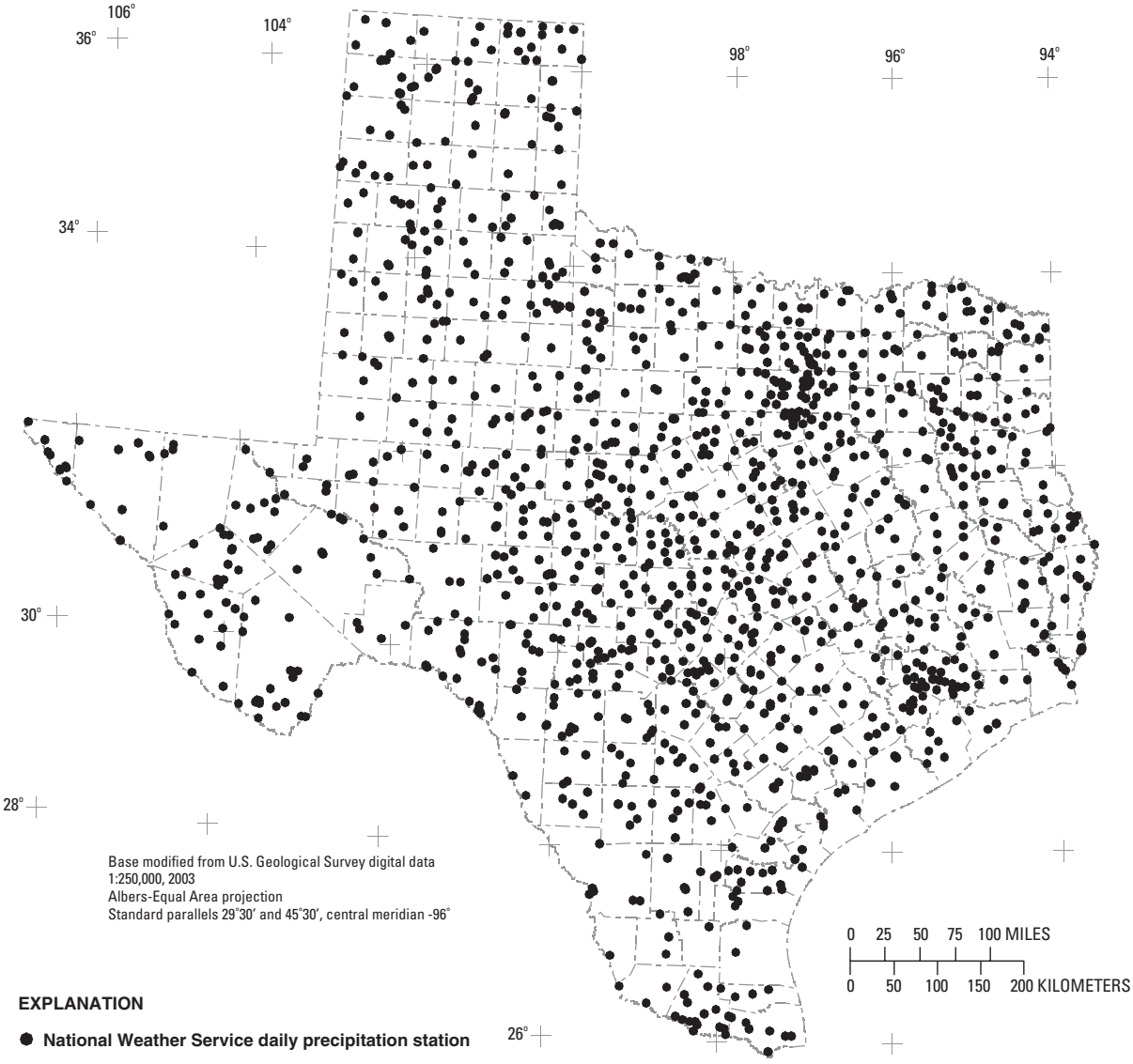

Figure 1. Locations of 1,306 National Weather Service daily precipitation stations in Texas.

end of report); the table contains entries for NWS station name, NWS station number, latitude, longitude, and ancillary data. The stations are listed in alphabetical order and not numerical order of station number. To assist readers in referencing particular stations, an alphabetical ordering of Texas county names and the corresponding sequence numbers of stations within each county is listed in table 2 (at end of report). Finally, a map showing the locations of the 1,306 stations is shown in figure 1, and an example time series of a subset of the data for the Austin Camp Mabry station is shown in figure 2.

Previous Studies

Recent studies of precipitation characteristics in Texas pertinent to hydrologic design include Asquith (1998, 1999) and Asquith and Famiglietti (2000). Asquith (1998) presents procedures to estimate the depth-duration frequency of precipitation in Texas; for example, depth of the 6-hour 25-year precipitation. The procedures of Asquith (1998) are based on annual precipitation maxima and therefore are applicable only for the precipitation recurrence intervals of at least 365 days (1 year). The procedures described in this report can be used for intervals of less than 1 year such as for

```
# Subset of daily precipitation time
# series for station Austin Camp Mabry
# ID = Station no.
# ST = State
# MMDDYYYY = Date
# DEPTH = Depth in inches
# CODE = T (Trace)
ID,ST,MMDDYYYY,DEPTH,CODE
428,TX,05171981,0.00,
428,TX,05181981,0.10,
428,TX,05191981,0.00,
428,TX,05201981,0.00,
428,TX,05211981,0.00,
428,TX,05221981,0.00,T
428,TX,05231981,0.84,
428,TX,05241981,3.88,
428,TX,05251981,0.06,
428,TX,05261981,0.00,
428,TX,05271981,0.00,T
428,TX,05281981,0.00,
428,TX,05291981,0.22,
428,TX,05301981,1.38,
428,TX,05311981,0.00,
428,TX,06011981,0.62,
428,TX,06021981,0.26,
428,TX,06031981,0.55,
428,TX,06041981,0.06,
428,TX,06051981,0.16,
428,TX,06061981,0.00,
428,TX,06071981,0.00,
428,TX,06081981,0.00,
428,TX,06091981,0.00,
428,TX,06101981,0.03,
428,TX,06111981,5.66,
428,TX,06121981,0.21,
428,TX,06131981,4.50,
```

Figure 2. Example of abbreviated time series of daily precipitation for station 428 Austin Camp Mabry.

the estimation of the 6-month depth of daily precipitation. This report compliments Asquith (1998). Asquith (1999) and Asquith and Famiglietti (2000) present precipitation areal-reduction factors associated with the 1-day design storm for areas surrounding the cities of Austin, Dallas, Fort Worth, and Houston.

Bomar (1995, p. 60–63, figs. 30–33) provides the average number of days during each of the four seasons (winter, spring, summer, and fall) for daily precipitation thresholds of 0.01, 0.1, 0.5, and 1.0 inches. Although little content relevant to interoccurrence intervals is provided, Bomar (1995) contains much general information regarding precipitation characteristics and other meteorological topics for Texas.

APPROACH

A Poisson process model is used in this report to define the distribution of interoccurence intervals for selected thresholds of daily precipitation. According to Clarke (1998, p. 111), “The Poisson process forms the starting-point for many applications in the water sciences [including the study of precipitation] in which probabilistic models are used to describe events occurring irregularly in time or space.” When an assumption is made that precipitation events are random variables with characteristics of a Poisson process, then straightforward statistical methods can be used to model the occurrence of precipitation events defined by a given threshold. A major component of a Poisson process is the mean interoccurrence interval—if the mean interoccurrence interval for a given location is known, then the Poisson process is specified. Further information regarding Poisson processes and related statistical topics are discussed in Ross (1994, p. 157–167), Wilks (1995, p. 71–73), Clarke (1998), and Bhat and Miller (2002).

Two steps are used in this report for characterizing and regionalizing interoccurrence intervals in Texas. The first step is to develop estimates of the interoccurrence intervals for each station. Such estimates are referred to as site-specific interoccurrence intervals. The second step is to regionalize the site-specific estimates by mapping through spatial and geostatistical analysis so that reliable predictions of the interoccurrence intervals for selected precipitation thresholds can be made for any location in Texas.

Site-Specific Interoccurrence Intervals

The interoccurrence intervals of daily precipitation events that equal or exceed a given threshold for a given station are site-specific estimates and are determined directly from the daily precipitation database.

For a Poisson process, the random variables $I_1, I_2, \ldots$ represent the interoccurrence intervals of the events, and the interoccurrence intervals are independent and identically distributed. The exponential distribution (Ross, 1994, p. 223–230; Evans and others, 2000, p. 77–81; Bhat and Miller, 2002, p. 203) describes the cumulative distribution of the interoccurrence intervals of a Poisson process. The distribution in the context of interoccurrence intervals is given by

$$F(I_n \le x) = 1 - e^{-\lambda x} \text{ for } x \ge 0 \text{ and } n = 1, 2, \ldots \quad (1)$$

where F is the cumulative or nonexceedance probability for the I_n observation that is less than or equal to some interoccurrence interval x. The parameter λ is known as the arrival rate (of an event, in units of days^{-1}), the arrival parameter, or the Poisson parameter. The value $1/\lambda$ is the expected or mean interoccurrence interval (Λ) with units of days (per event). In this report, interoccurrence interval is preferred over arrival rate, as it has units of days rather than the abstract units of days^{-1}. The variance of the distribution is $1/\lambda^2$. For a homogeneous Poisson process, λ is constant. If λ varies, then the Poisson process is said to be nonhomogeneous.

The mean interoccurrence interval is computed as the mean interval between successive daily precipitation events that equal or exceed a given threshold. Thus, it follows that

$$\lambda = \frac{n}{T} = \frac{\text{no. of events above threshold}}{\text{total time observed in days}} = \frac{1}{\Lambda}. \quad (2)$$

To indicate whether the daily occurrence of precipitation that equals or exceeds a given threshold likely follows a homogeneous Poisson process, hypothesis testing is required. For hypothesis testing Bhat and Miller (2002, p. 254–255) conclude that the standard normal variate, Z, for a Poisson process is

$$Z = \frac{S - \frac{nT}{2}}{\sqrt{\frac{nT^2}{12}}}, \text{ and} \quad (3)$$

$$S = \sum_{i=1}^{n} t_i \text{ for } 0 < t_1 < t_2 < \ldots < t_n < T, \quad (4)$$

0, 0, 0, 0, 0, 0, 0, 1.1,
0, 0, 0, 0, 0, 0, 2.4, 0,
0, 0, 0, 0 (Data Set)

$T = 20$

$n = 2$

$\Lambda = 10$ days/event (20/2) — eq. 2

$\lambda = 0.10$ event/day (1/10) — eq. 2

$S = t_1 + t_2 = 8 + 15 = 23$ — eq. 4

$Z = (23 - 2 \times 20/2)/(2 \times 20^2/12)^{0.5}$ — eq. 3

$Z = 0.3674$ — eq. 3

$F_Z = 0.643$ standard Normal table (Evans and others, 2000, p. 211)

p-value = 1 - .643 = .357

Figure 3. Example interoccurrence interval computations for a hypothetical data set.

where t_i is the cumulative time, in days, for each event during the interval $[0, T]$. The statistic S is hereinafter referred to as "sigma S."

The cumulative probability F_Z of Z is used to estimate the p-value (Helsel and Hirsch, 1992, p. 97–116) or attained significance level of the data ($1 - F_z = P$). The null hypothesis is that the interoccurrence intervals follow a homogeneous Poisson process. Large absolute values of Z indicate that the process probably is not a (homogeneous) Poisson process with a constant interoccurrence interval. The nonhomogeneous Poisson process for the daily precipitation occurrences is a possible alternative. Bhat and Miller (2002) do not discuss the "power" of a hypothesis test based on equation 3; hence, the potential for the so-called type II error (the Poisson model is incorrect but the model is accepted) of the test on the analysis in this report is unknown.

To demonstrate how the above equations are applied, consider the data set shown at the top of figure 3. The data set of daily precipitation comprises 20 days ($T = 20$). For a threshold of 1 inch, there are two events ($n = 2$). Therefore, the mean interoccurrence interval is 10 days (20/2), the arrival rate is 0.10 (2/20), and the p-value is .357 or 35.7 percent. This p-value is not small—it is greater than a few percent or so—which indicates little statistical evidence that the data should not be modeled as a homogeneous Poisson process. Thus a reasonable conclusion is that the interoccurrence intervals of the example data follow a homogeneous Poisson process. For this report p-values greater than

.01 provide sufficient evidence to conclude that the data follow a homogeneous Poisson process.

Similar computations to those illustrated in figure 3 for each of the selected depth thresholds (0.05, 0.10, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 2.5, and 3.0 inches) and for each of the 1,306 daily precipitation stations were done. The computations provide the basis for subsequent analyses presented here. The computational results for each depth threshold are listed in tables 3–7 (at end of report).

The tables identify each station by the sequence number shown in table 1. For each station, the mean interoccurrence interval is reported along with the total number of events for the indicated threshold within the entire period of record for the station and the total number of days available. The sigma S, standard normal variate, and nonexceedance probability of the standard normal variate provide the basis for the testing of a homogeneous Poisson process. Finally, the p-value corresponding to the nonexceedance probability is reported.

Another important feature of a Poisson process is the distribution of the number of events, n, occurring during a given interval $[0, T]$. The probability density function $f_n(T)$ of the Poisson process (Ross, 1994, p. 157; Bhat and Miller, 2002, p. 202) is

$$f_n(T) = e^{-\lambda T}\frac{(\lambda T)^n}{n!} = e^{-T/\Lambda}\frac{(T/\Lambda)^n}{n!}. \qquad (5)$$

The cumulative distribution function $F_n(T)$ of the Poisson process is

$$F_n(T) = e^{-\lambda T}\sum_{i=0}^{n}\frac{(\lambda T)^i}{i!} = e^{-T/\Lambda}\sum_{i=0}^{n}\frac{(T/\Lambda)^i}{i!}. \qquad (6)$$

For example, suppose the mean interoccurrence interval is $\Lambda = 10$ days ($\lambda = 0.1$). To the closest integer, what is the median number of occurrences ($F = 0.5$, or a 50-percent probability) in a $T = 60$-day period? From equations 5 and 6, the probabilities of the Poisson process are computed, and the computations are summarized in table 8 (at end of report). The median number of occurrences for the example is five.

Regionalization of Interoccurrence Intervals

Regionalization in this report is a two-step process. First, a spatial analysis or "neighborhood smoothing" of the interoccurrence intervals is done for each selected daily precipitation threshold for all stations. Second, geostatistical analysis is done on the smoothed interoccurrence intervals to produce a continuously varying map of interoccurrence intervals for each selected daily precipitation threshold. The maps can be used to estimate the interoccurrence interval for any location in Texas.

Neighborhood smoothing is the process by which the interoccurrence intervals for a particular station and those surrounding it are combined or "pooled" together to develop a more reliable estimate of the interoccurrence interval for the location of the station than can be derived from the data for the station alone. In other words, the neighborhood of m stations surrounding a particular station contains more information—more days of record—about the characteristics of precipitation occurrence in that area than is available at the particular station.

The neighborhood smoothing for each station (i) consisted of computing the "smoothed" mean interoccurrence interval through a weighted average of the station interval and the four nearest station intervals. Record length, as measured by the total number of days, provided the weights. Stations for which the p-value of the mean interoccurrence interval was less than or equal to .01 were not used in the weighted-average computations. For example, if p-values for two of the five stations (four neighbors plus the ith station) were less than or equal to .01, then only three stations were used in the averaging. The benefit of using stations with p-values greater than .01 is that stations for which interoccurrence intervals do not (with 99-percent or greater probability) follow a homogenous Poisson process are objectively removed from analysis. The critical p-value of .01 was arbitrarily chosen. This significance level eliminates about 3 to 14 percent of the stations for depth thresholds of 0.25 inch and larger. Considering the large database used, eliminating these stations enhances the reliability of interoccurrence interval estimates for a homogenous Poisson model.

The regionalization of interoccurrence intervals included geostatistically based mapping of the smoothed values using the method of kriging (Isaaks and Srivastava, 1989). The kriging was performed using a Gaussian model of the semivariogram with a range of 1,212,900 meters and a nugget that ranged from 1.59 days squared to 792,490 days squared for the 0.05- and 3.0-inch thresholds, respectively. The neighborhood for the kriging operation used a minimum of two stations

and a maximum of 13 stations in conjunction with a circular search method.

Initial interoccurrence interval maps were computer generated, and the resulting lines of equal interval overlain on the mapped values for the smoothed intervals. The computer-generated lines of equal interval were then manually smoothed and variable intervals retained to assist in interpolation near the boundaries of Texas. The smoothed lines of equal interval subsequently were overlain on the mapped site-specific interoccurrence intervals (point values), and visual confirmation of the lines was made. Finally, diagnostic statistics of the maps, which are presented in the section "Statewide Interoccurrence Interval Maps," were computed.

INTEROCCURRENCE INTERVALS FOR SELECTED DAILY PRECIPITATION THRESHOLDS IN TEXAS

Statewide Interoccurrence Interval Maps

Maps depicting the spatial variability of the interoccurrence interval for the 10 selected daily precipitation thresholds in Texas are shown in figures 4–13. Specific geographic locations are referred to in this report; the locations are identified only in figure 4. Tick marks of latitude and longitude in increments of 2 degrees are provided to facilitate adapting the maps for digital representation. On all the maps, a general pattern of increasing interoccurrence interval toward the western parts of the State is observed. The contours in the eastern one-half of the State have a pronounced north-south direction. These two characteristics of the maps are consistent with the patterns of mean annual precipitation in Texas. Mean annual precipitation in Texas decreases east to west and is relatively constant with north-south direction (Bomar, 1995).

The accuracy of the maps west of the Pecos River is less relative to the accuracy east of the Pecos River for reasons discussed in the section "Influence of Elevation on Interoccurrence Intervals West of the Pecos River."

Other observations are applicable to all the maps (figs. 4–13). One observation is that interoccurrence intervals in the Hill Country (fig. 4) generally are smaller than intervals in the same longitude range in the rest of the State. Another observation is that the lines of equal interval are approximately perpendicular to the coastline of the Gulf of Mexico. For each of these two observations the line patterns are similar to those of Asquith (1998, figs. 10–23). Details and observations about selected maps follow.

On the map depicting the interoccurrence interval for a 0.05-inch and greater daily precipitation threshold (fig. 4), interoccurrence interval decreases substantially in the Davis Mountains. Reliable intervals for the Guadalupe and Chisos Mountains are problematic. Precipitation potential generally increases (smaller interoccurrence intervals) over large mountains because of the orographic effect.

On the map depicting the interoccurrence interval for a 0.10-inch and greater daily precipitation threshold (fig. 5), interoccurrence interval decreases substantially in the Chisos, Davis, and Guadalupe Mountains. Reliable intervals for all three mountain ranges are difficult to develop. Decreases in interoccurrence intervals associated with the mountains also are characteristic of other daily precipitation thresholds.

For the map depicting the interoccurrence interval for a 0.25-inch and greater daily precipitation threshold (fig. 6), the 7.5-day line of equal interval just outside the northeastern corner of Texas was added to constrain interpolation.

For the map depicting the interoccurrence interval for a 0.50-inch and greater daily precipitation threshold (fig. 7), the 33-day line of equal interval in the northwestern corner of Texas was added to constrain interpolation.

For the map depicting the interoccurrence interval for a 0.75-inch and greater daily precipitation threshold (fig. 8), the 58-day line of equal interval in the northwestern corner of Texas was added to constrain interpolation.

A summary of statewide interoccurrence interval statistics and diagnostic statistics of the maps in figures 4–13 is listed in table 9 (at end of report). The statistics in columns 2 and 3 were computed using the interoccurrence interval for all available stations.

As the threshold increases, mean interoccurrence interval increases (table 9). The standard deviation of the interoccurrence intervals increases much more rapidly than the mean; this indicates a larger variation, change, or range in the interoccurrence interval across the State as the threshold increases.

A total of 1,306 stations are considered in this report; not all of these stations are available for the production of each threshold map because of removal of stations based on the p-values described in the "Approach" section. Also, the statewide number of

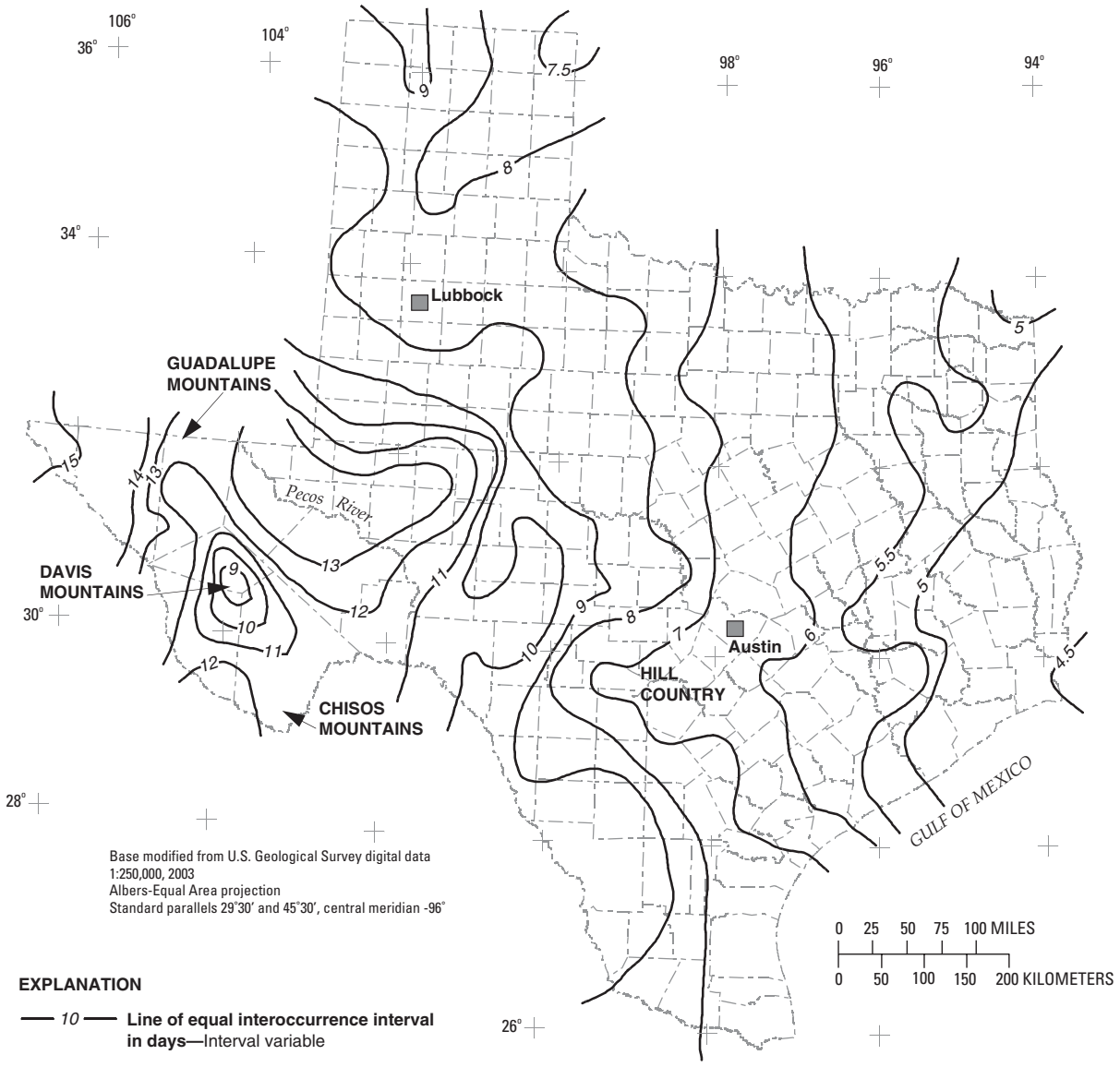

Figure 4. Interoccurrence interval for a 0.05-inch and greater daily precipitation threshold for Texas.

stations with events for a given threshold decreases with increasing threshold. For example, there are only seven stations with no daily rainfall values greater than 0.05 inch (1,306 – 1,299 = 7), but there are 163 stations with no daily rainfall greater than 3.0 inches (1,306 – 1,143 = 163).

The number of p-values less than or equal to .01 decreases substantially as the threshold increases. This indicates that as rainfall events are increasingly less frequent, a homogeneous Poisson model of the rainfall occurrence is increasingly more appropriate. This observation is expected because of the natural tendency for a rainy day to be followed by another rainy day—as the threshold becomes progressively smaller, progressively more events are likely to occur on consecutive days. The number of p-values less than or equal to .01 for the 0.05- and 0.10-inch thresholds are large enough that general applicability of a homogeneous Poisson model for these thresholds is questionable. For comparison, about 270 stations have p-values less than or equal to .001 for the 0.05-inch threshold, compared to 406 stations with p-values less than or equal to .01 (table 9).

Two simple diagnostic statistics of the interoccurrence interval maps are reported in table 9. The

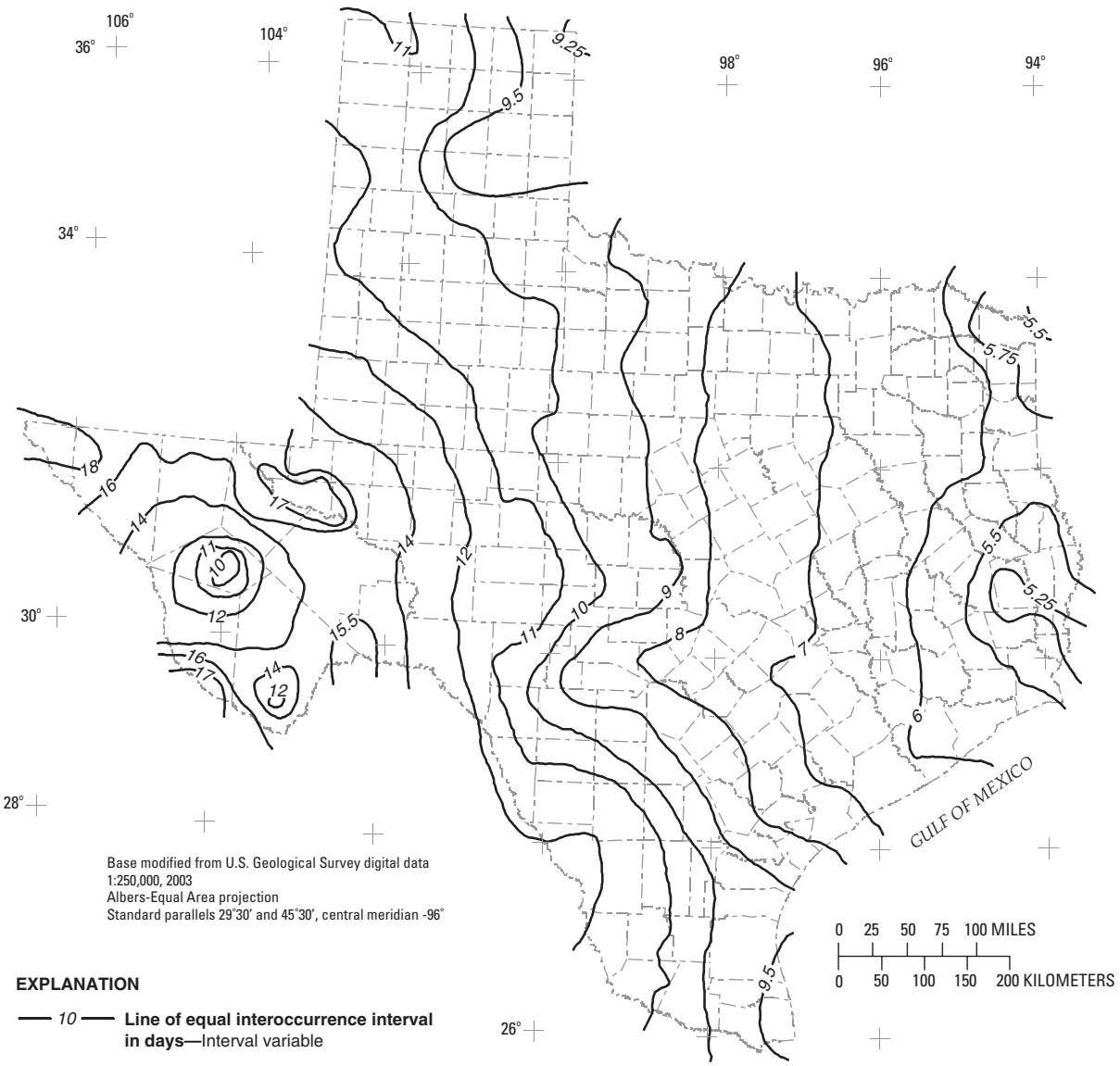

Figure 5. Interoccurrence interval for a 0.10-inch and greater daily precipitation threshold for Texas.

statistics are the mean bias and the root-mean-square error (RMSE) of the interoccurrence interval map. The bias at the i th station, "station bias," is computed by subtracting the site-specific interoccurrence interval at the station from the interval extracted from the map. The mean bias is the arithmetic average of the station biases for each threshold. The mean bias should be about zero for each map. The mean bias is a simple check on whether the geostatistical analysis and contouring functioned appropriately.

The RMSE error of a map is a more important diagnostic. The RMSE for each threshold is defined as

$$RMSE = \sqrt{\frac{1}{n}\sum_{i=1}^{n}(I_i - M_i)^2}, \qquad (7)$$

where

I_i is the site-specific interoccurrence interval, in days;

M_i is the mapped interoccurrence interval, in days; and

n is the number of stations with site-specific interoccurrence intervals for a given threshold.

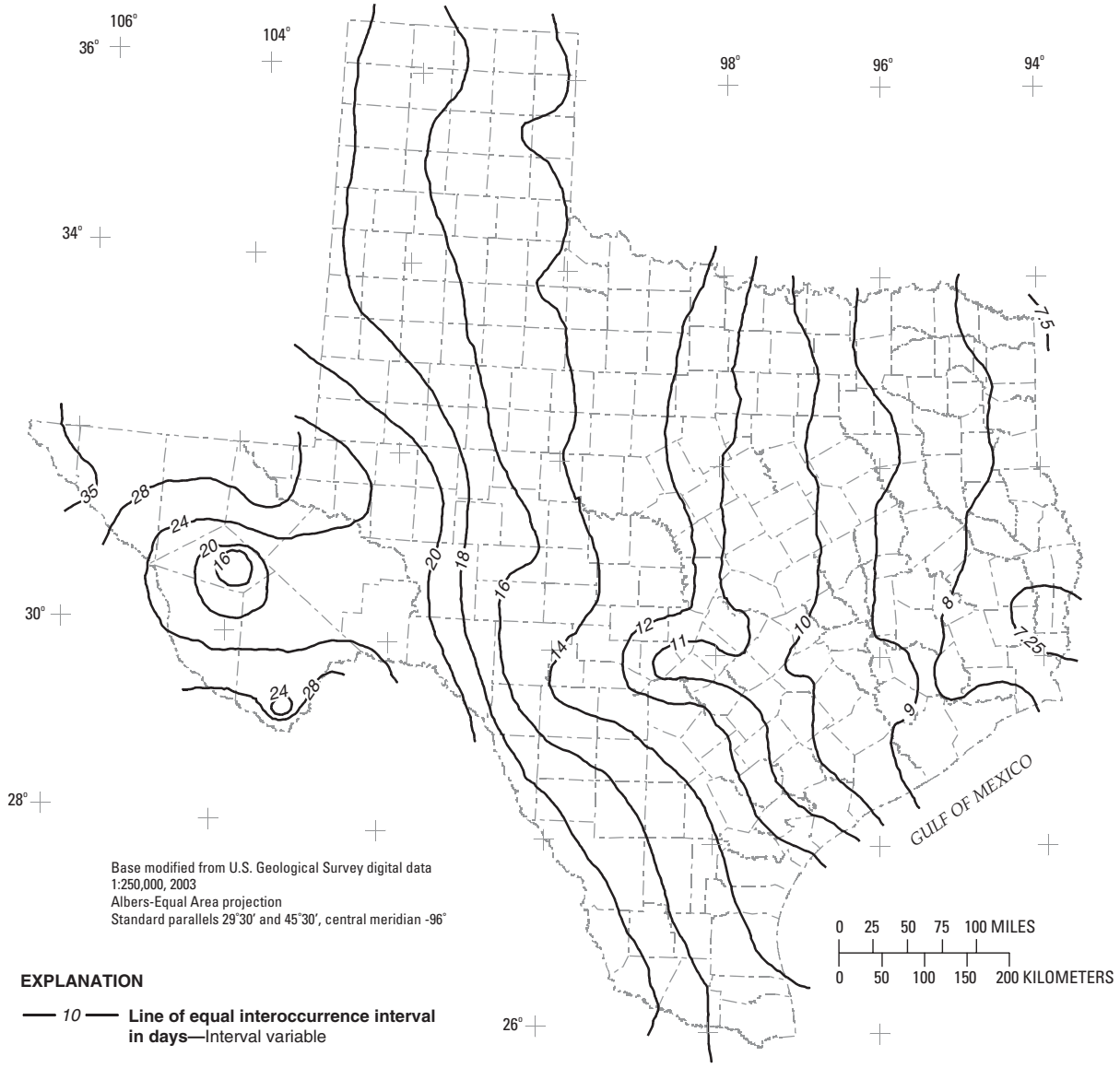

Figure 6. Interoccurrence interval for a 0.25-inch and greater daily precipitation threshold for Texas.

The number of stations with events and hence an available site-specific interoccurrence interval differs for each threshold. The RMSE reflects how well the lines of equal interval match the site-specific intervals. The percent change from the statewide standard deviation of the interoccurrence intervals to the RMSE ranges from a magnitude minimum of (negative) -24 to a magnitude maximum of -60 percent for the 0.05- and 2.0-inch thresholds, respectively. Because of the substantial negative percent change, the maps are considered more reliable estimators of the mean interoccurrence interval for most locations in Texas than the statewide mean value.

Influence of Elevation on Interoccurrence Intervals West of the Pecos River

Because of the orographic influence of elevation on precipitation potential in mountainous regions, an assessment of the relation between interoccurrence interval and elevation west of the Pecos River (fig. 4) is informative. For each of the stations west of the Pecos River, the site-specific mean interoccurrence interval for each threshold is graphed with the corresponding elevation of the station in figure 14. All stations are represented on the figure without regard to p-value. The interoccurrence interval decreases with elevation up

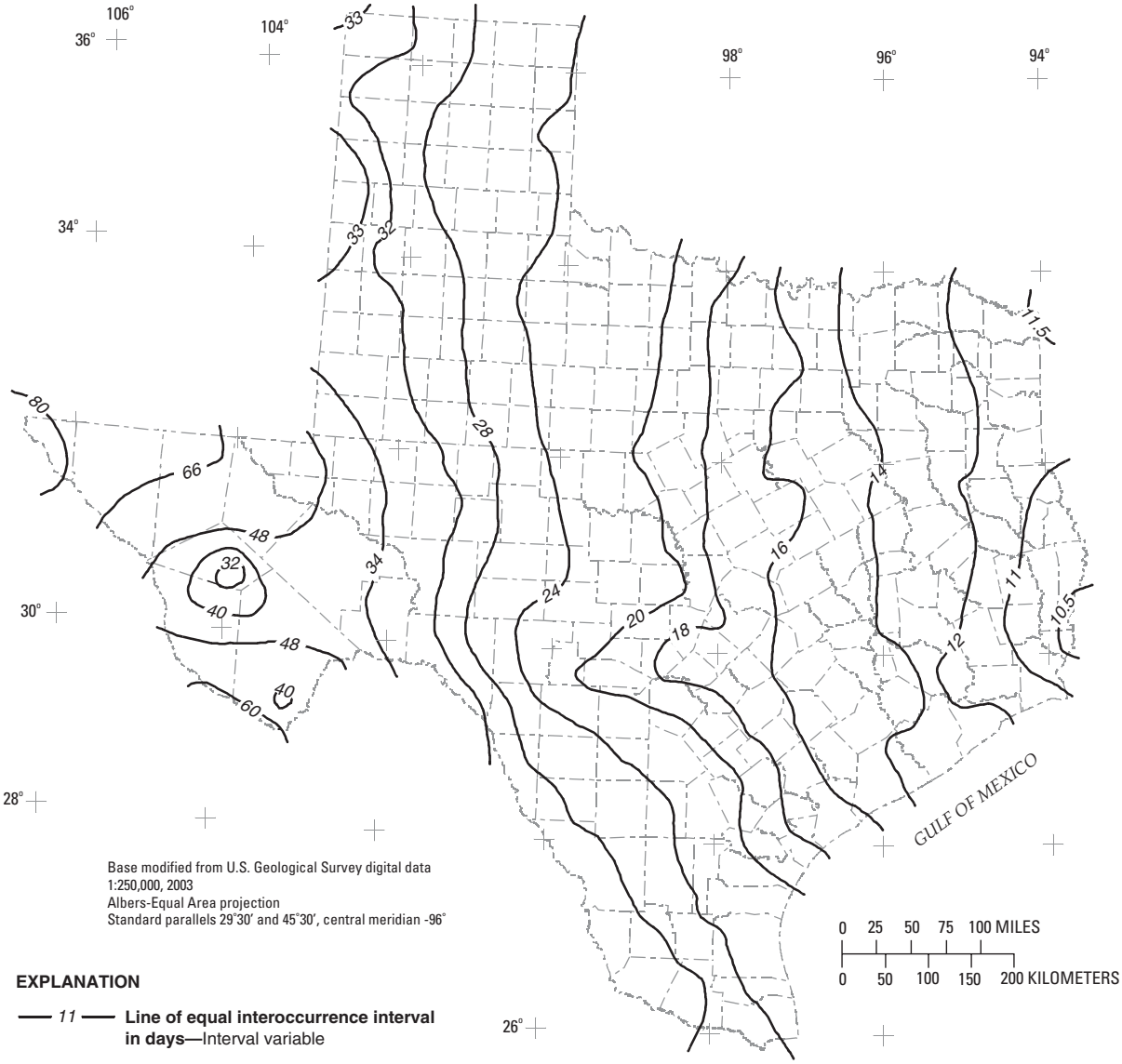

Figure 7. Interoccurrence interval for a 0.50-inch and greater daily precipitation threshold for Texas.

to about the 1.0-inch threshold. For thresholds larger than 1.0 inch, little or no relation between the interoccurrence interval and elevation is evident for reasons that are not apparent to the authors. However, it is probable and expected that the interoccurrence intervals are relatively smaller for the highest stations (those above 5,000 feet). Because of the influence of elevation, the contours of interoccurrence intervals west of the Pecos River—specifically in and west of the Chisos, Guadalupe, and Davis Mountains (fig. 4)—are less reliable. The reliability of the lines of equal interval diminishes also with increasing threshold because the interoccurrence intervals become very large relative to the typical record lengths at the stations west of the Pecos River. Furthermore, many of those stations have no recorded events for the largest thresholds. This is evident in the fewer number of points plotted in figure 14j compared to figure 14a–f. Concerns over the reliability of interoccurrence interval contours in far west Texas is a partial motivation for including the site-specific interoccurrence intervals in tables 3–7. Readers can choose to investigate specific locations in greater detail.

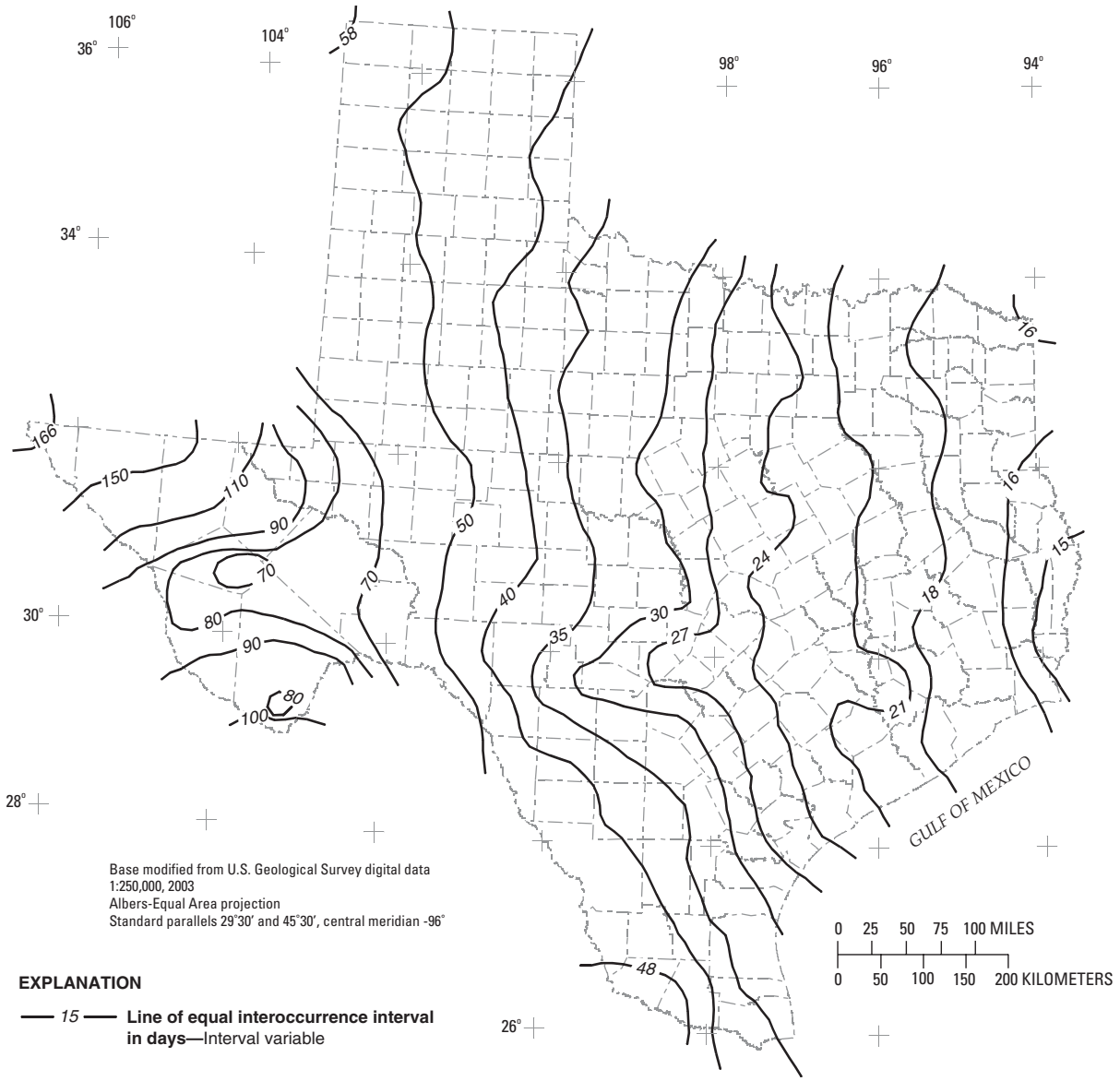

Figure 8. Interoccurrence interval for a 0.75-inch and greater daily precipitation threshold for Texas.

Intra-Annual Variations in Interoccurrence Intervals

The interoccurrence interval maps presented in the previous section generally are reliable estimators of the parameter for a homogeneous Poisson model of daily precipitation for a given threshold. However, precipitation characteristics in Texas vary seasonally (see Bomar, 1995). The intra-annual variation documented in this section is derived by grouping the data for the entire State. Geographic or spatial differences in intra-annual variations of interoccurrence intervals are not represented, although differences likely exist in a region as large as Texas.

Summaries of the intra-annual variability of precipitation occurrence for each of the 10 thresholds are listed in tables 10–19 (at end of report). Complementing the tables are boxplots showing the distribution of interoccurrence ratios for each month in figures 15–24. The intra-annual variability is reflected in a mean "interoccurrence ratio" for each month. The individual monthly ratios are computed by dividing each interoccurrence interval by the mean interoccurrence interval for the station. Sample sizes are shown in figures 15–24;

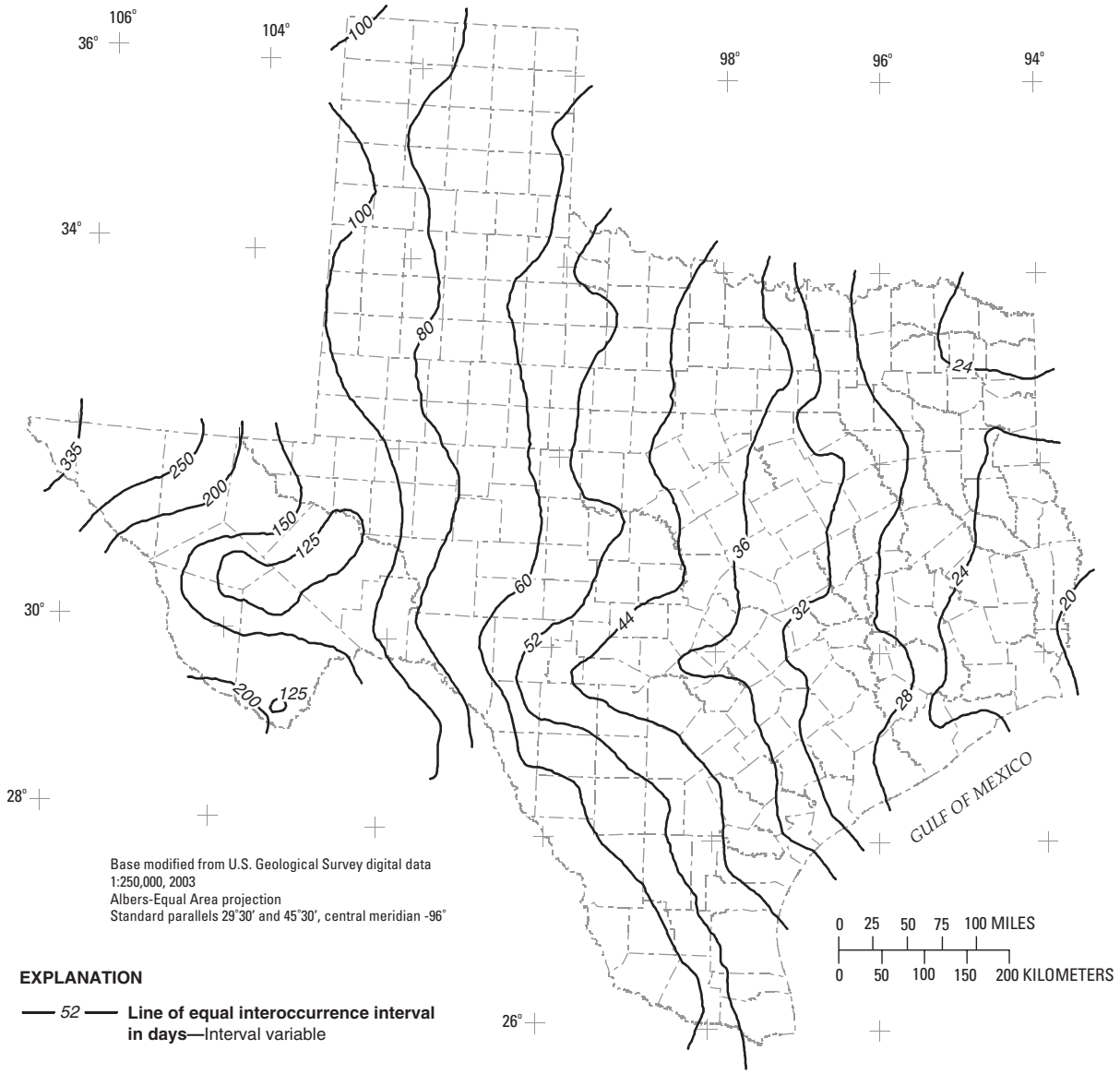

Figure 9. Interoccurrence interval for a 1.0-inch and greater daily precipitation threshold for Texas.

however, the sample sizes do not match the "Statewide no. of stations with events" column in table 9 because not all stations have an event in all months. The mean monthly interoccurrence ratio (column 2) is computed as the average of all the individual monthly ratios for all the stations; likewise, the median monthly ratio (column 3) is the median of all the monthly ratios for all the stations.

Interpretation of the ratios is as follows: When the ratio is greater than unity for a given month, the events occurring in that month are less frequent (less likely, longer interval) than the mean interoccurrence interval. Likewise, when the ratio is less than unity, the events are more frequent (more likely, shorter interval) than the mean interoccurrence interval.

Finally, for each sequence of mean and median monthly ratios an "adjusted ratio" (columns 4 and 5) was computed with an adjustment or offset to ensure that the arithmetic average of all 12 ratios is unity. The adjusted ratios are preferable because the arithmetic average of each of the adjusted ratios multiplied by a specific mean interoccurrence interval recovers the mean interoccurrence interval. Bias is mitigated.

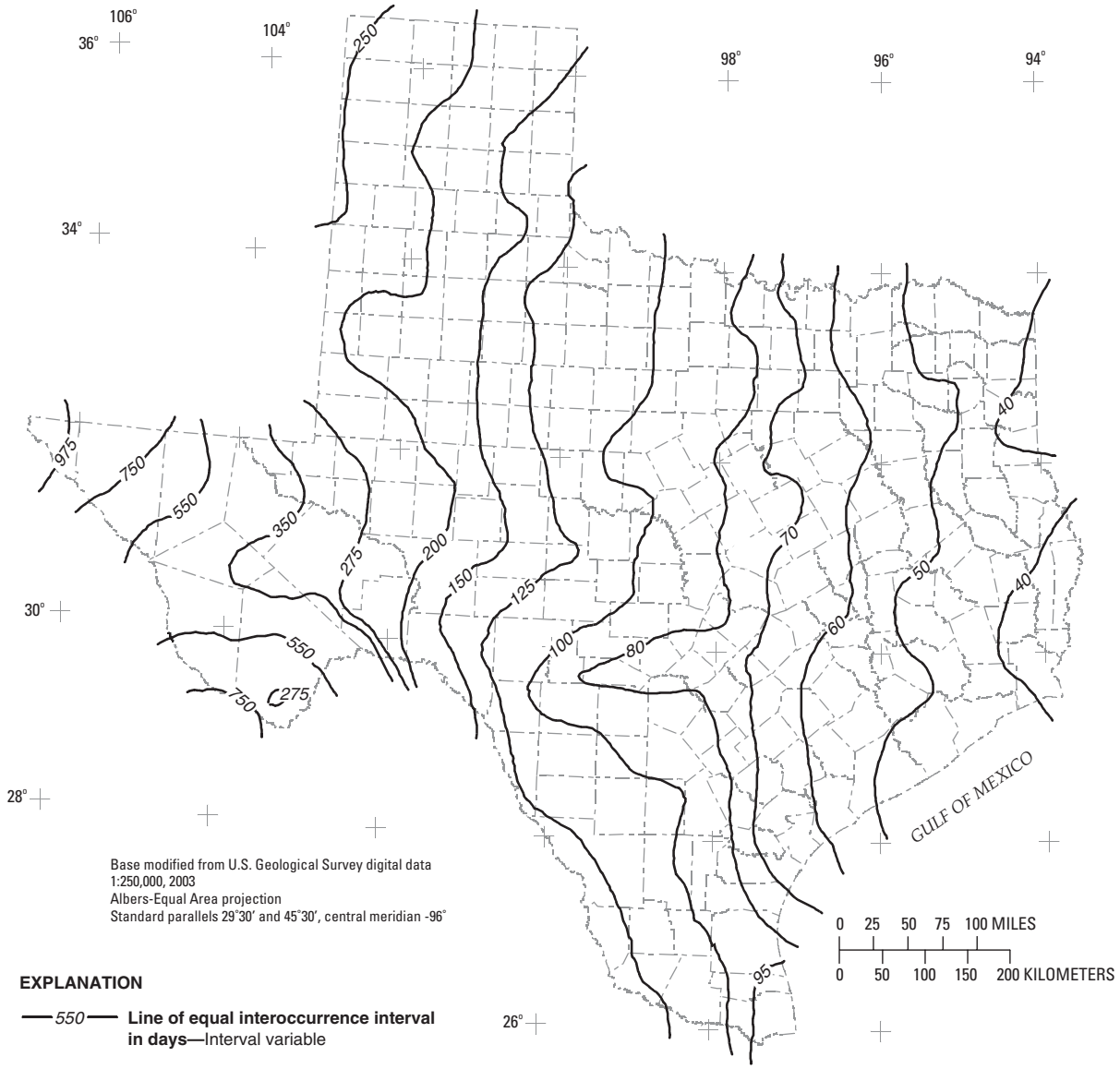

Figure 10. Interoccurrence interval for a 1.5-inch and greater daily precipitation threshold for Texas.

It is informative to graphically illustrate the adjusted interoccurrence ratios listed in tables 10–19. The relation between month and the mean and median adjusted interoccurrence ratios from tables 10 and 11 for the 0.05- and 0.10-inch thresholds are graphed in figure 25. The graph shows two distinct troughs in the mean and median ratios. The first trough occurs in May and June and the second in September. The troughs indicate smaller interoccurrence intervals between rainfall events defined by the threshold—months in the rainy seasons. The change in the mean monthly interoccurrence ratio from April to May (from about 1.07 to about 0.79) is substantial. To clarify, the April interoccurrence interval is about 107 percent of the mean interoccurrence interval for a location; whereas the May interoccurrence interval is about 79 percent of the mean interoccurrence interval for a location.

The relations between month and adjusted mean interoccurrence ratio for the 0.25-, 0.50-, 0.75-, 1.0-, 1.5-, 2.0-, 2.5-, and 3.0-inch thresholds (tables 12–19) are shown in figure 26, and the relations between month and adjusted median interoccurrence ratio are

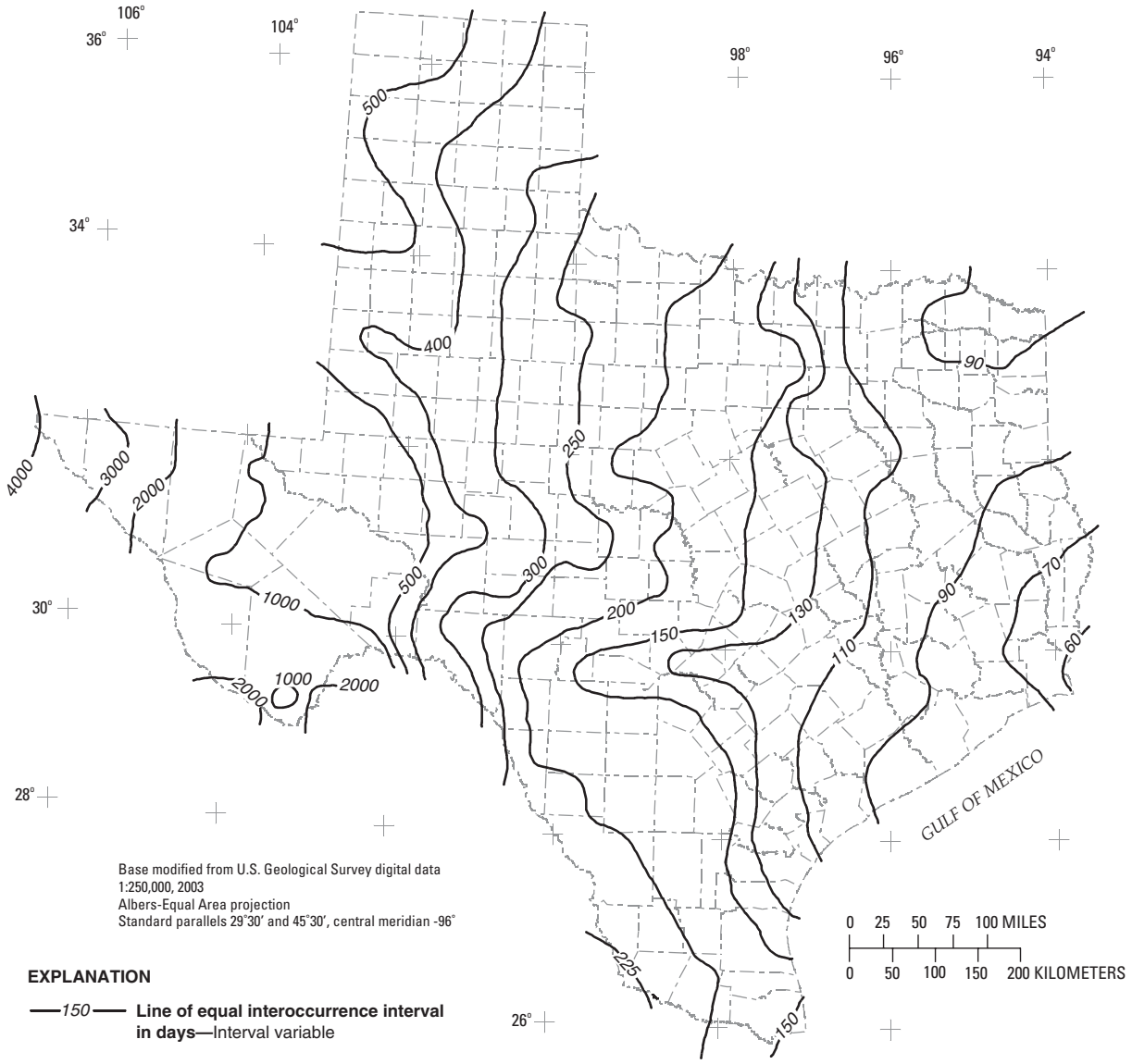

Figure 11. Interoccurrence interval for a 2.0-inch and greater daily precipitation threshold for Texas.

shown in figure 27. The ratios in each figure mimic the trends established in figure 25 for the 0.05- and 0.10-inch thresholds. However, some distinctive differences are visible. One trough is visible between about May–July, and another trough is visible in September and October. For thresholds less than about 1.0 inch the May–July trough is deepest; for larger thresholds the ratios are closer to unity. The ratios peak in January–March for the 1.0-inch and less thresholds, but peak only in March for the larger thresholds. The graphs indicate that considerable and systematic intra-annual variations in the interoccurrence ratios exist.

EXAMPLE APPLICATIONS

The following examples illustrate the application of the site-specific and regional estimates of the interoccurrence intervals in this report. The underlying assumption for the applications illustrated in this section is that the occurrence of precipitation follows a Poisson process.

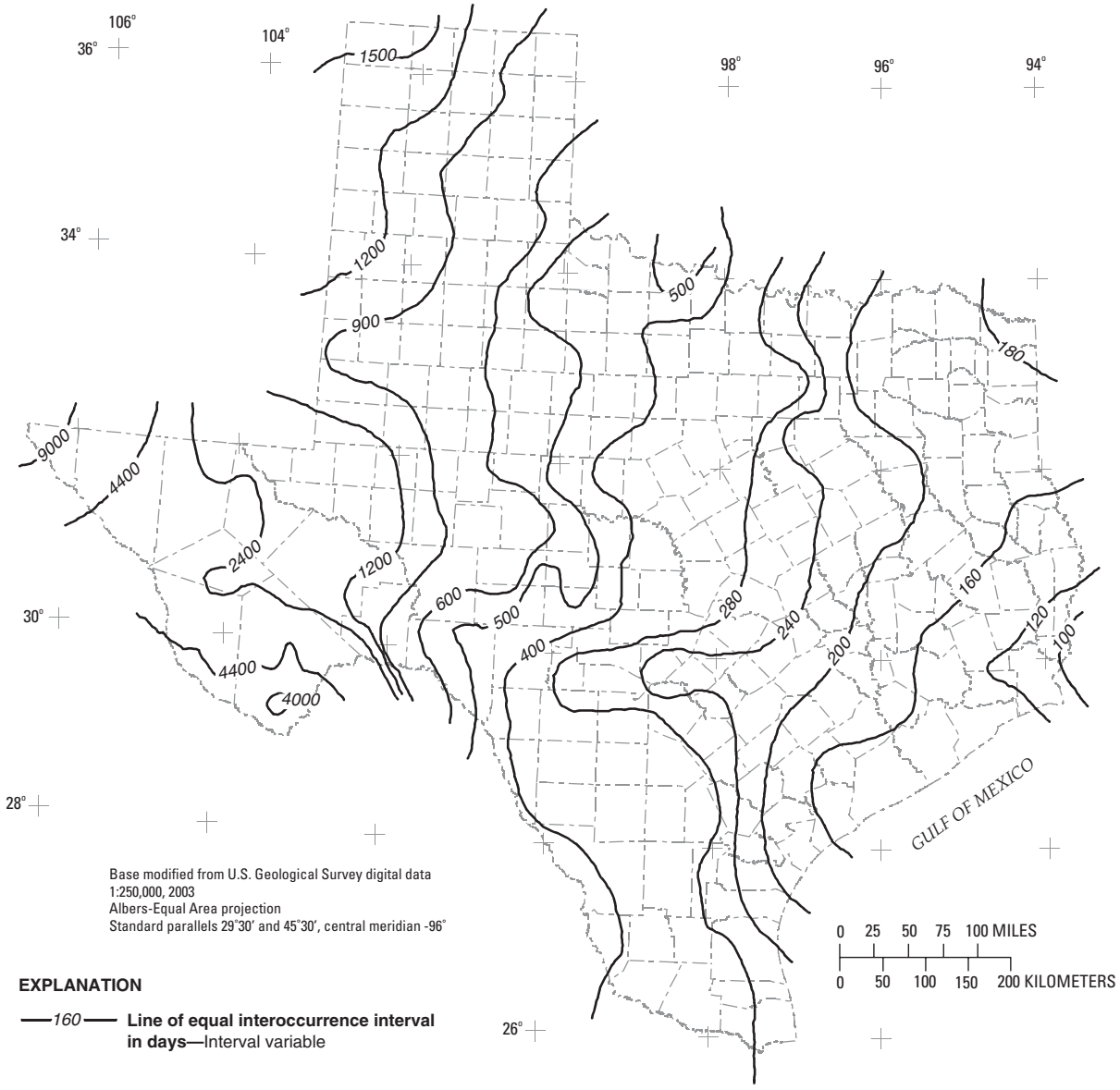

Figure 12. Interoccurrence interval for a 2.5-inch and greater daily precipitation threshold for Texas.

Site-Specific Median 6-Month Daily Precipitation Threshold

In hydrologic design practice, it is sometimes useful to set design criteria for occurrences of precipitation that happen at subannual intervals. For example, the median 6-month storm might be required for a design. The 6-month storm can be defined in terms of an interoccurrence interval. Specifically, consider the interoccurrence interval distribution from equation 1. Six months has a day length (x) of 182.5 days (365/2), and the median interoccurrence has $F = 0.5$. Substituting these values into equation 1 yields

$$0.5 = 1 - e^{-182.5\lambda}, \tag{8}$$

$$\lambda = 0.003798, \text{ and} \tag{9}$$

$$1/\lambda = \Lambda = 263 \text{ days}. \tag{10}$$

Hence, the median 6-month daily precipitation has a mean interoccurrence interval of about 263 days.

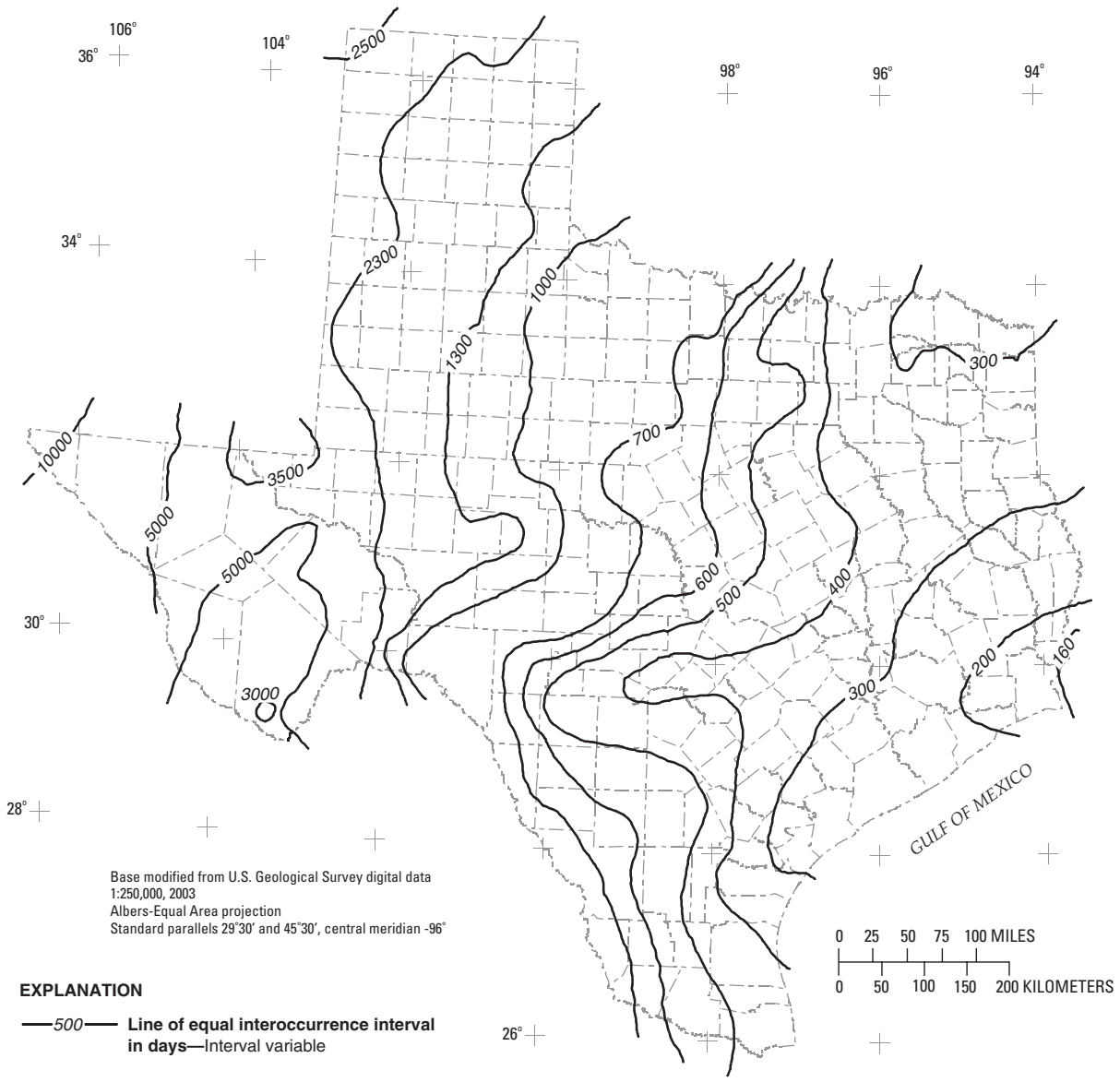

Figure 13. Interoccurrence interval for a 3.0-inch and greater daily precipitation threshold for Texas.

Now for a specific location, it is necessary to estimate the daily precipitation threshold for which the interoccurrence interval is 263 days. This is achieved using either site-specific information or regionalized estimates of the interoccurrence interval for a given location. For this example, site-specific information is used.

Consider the site-specific interoccurrence intervals for station 428 Austin Camp Mabry (sequence no. 46). This is a long-term station with about 72 years of record (table 1). The interoccurrence intervals from tables 4–7 for the selected thresholds are listed in figure 28. The interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch (table 3) are not used. Also shown in figure 28 is the relation between the daily precipitation threshold and the mean interoccurrence interval; the relation is nearly linear on a semi-log scale. Superimposed on the figure is a dashed horizontal line for the mean interoccurrence interval of 263 days. The dashed line indicates that a precipitation threshold depth with an interoccurrence interval of 263 days is about 2.56 inches. The site-specific median 6-month daily precipitation for Austin Camp Mabry thus is equal to or greater than 2.56 inches.

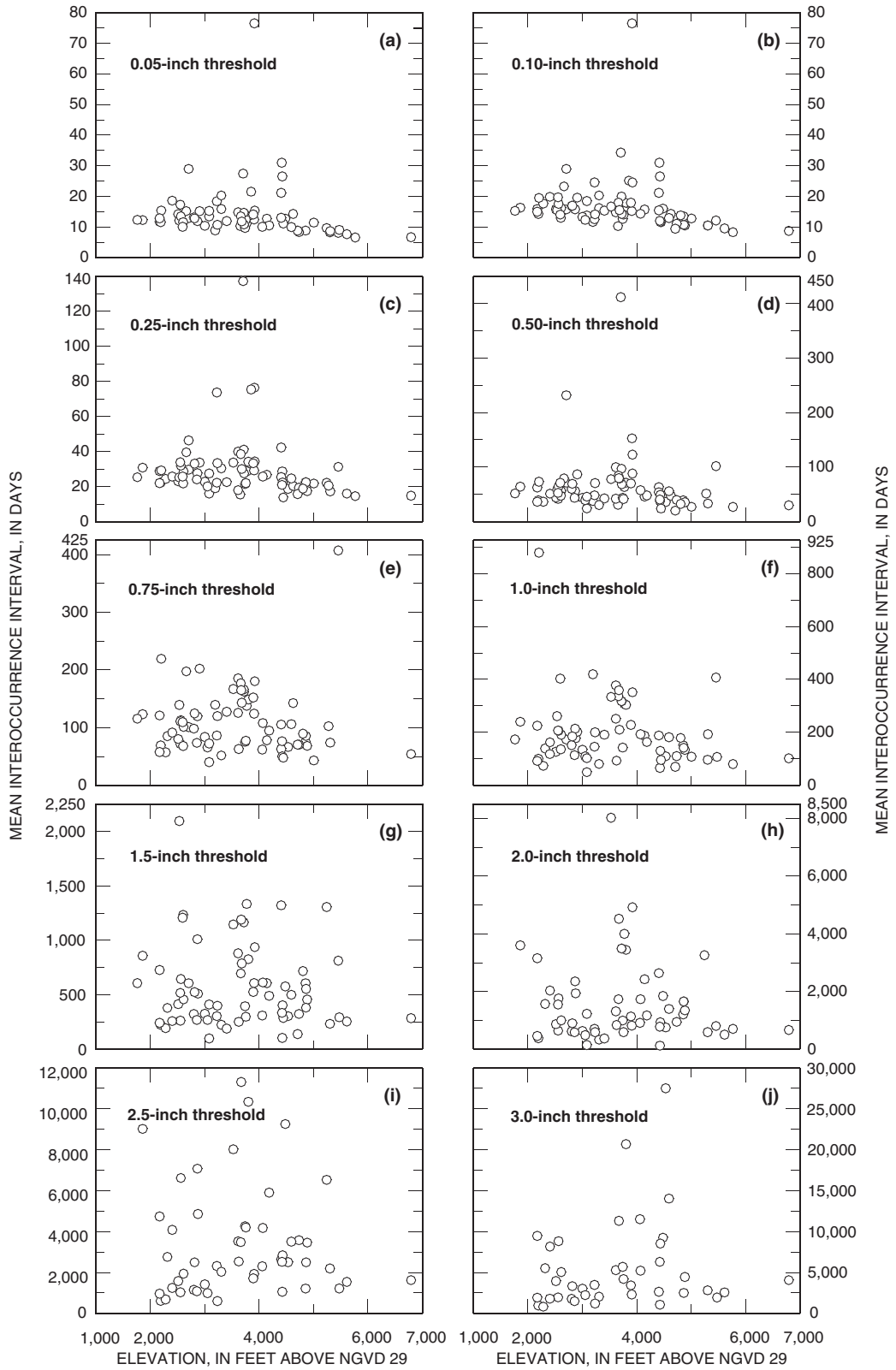

Figure 14. Relation between interoccurrence interval and elevation west of the Pecos River, west Texas.

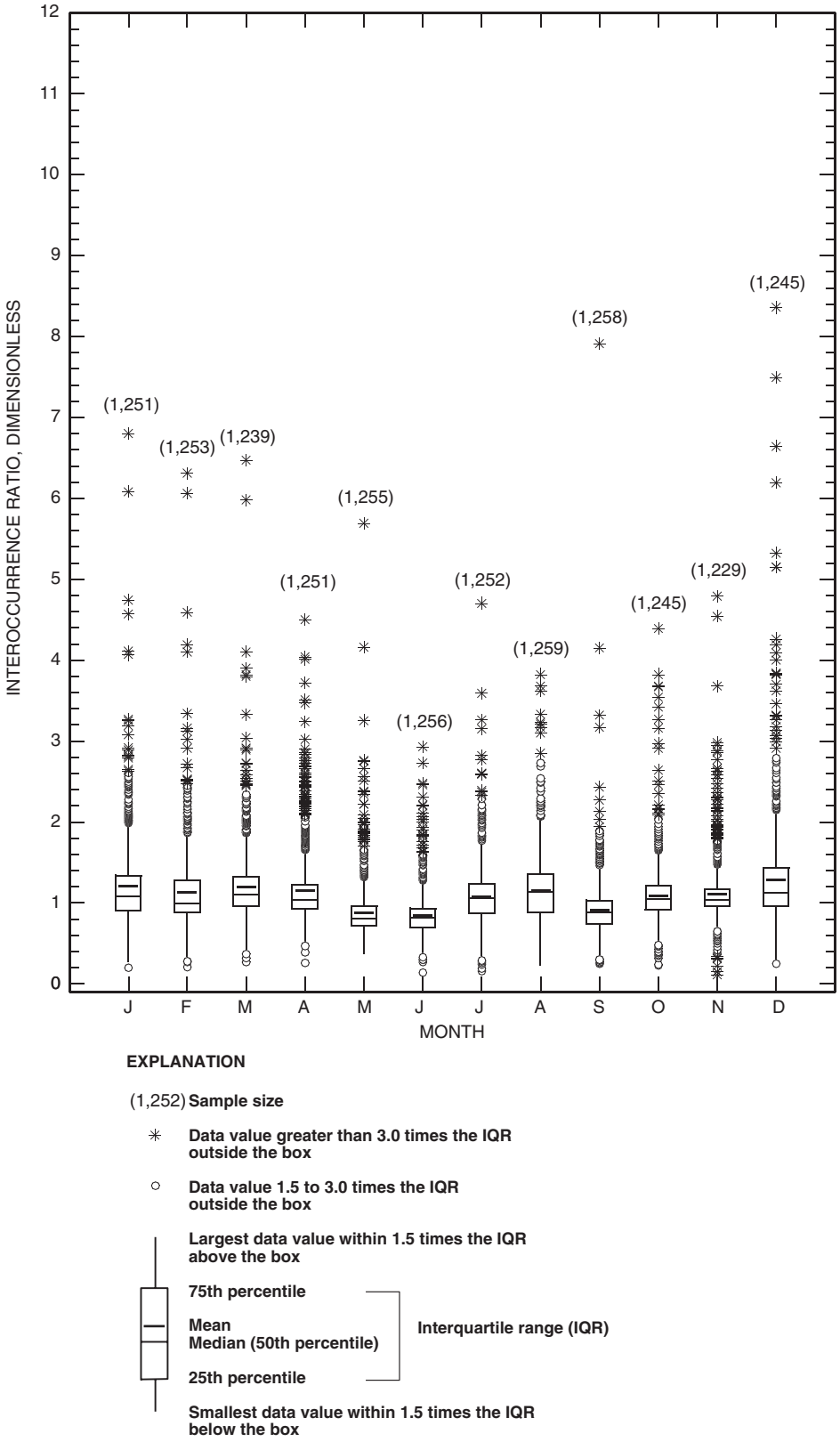

Figure 15. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 0.05-inch and greater daily precipitation threshold for Texas.

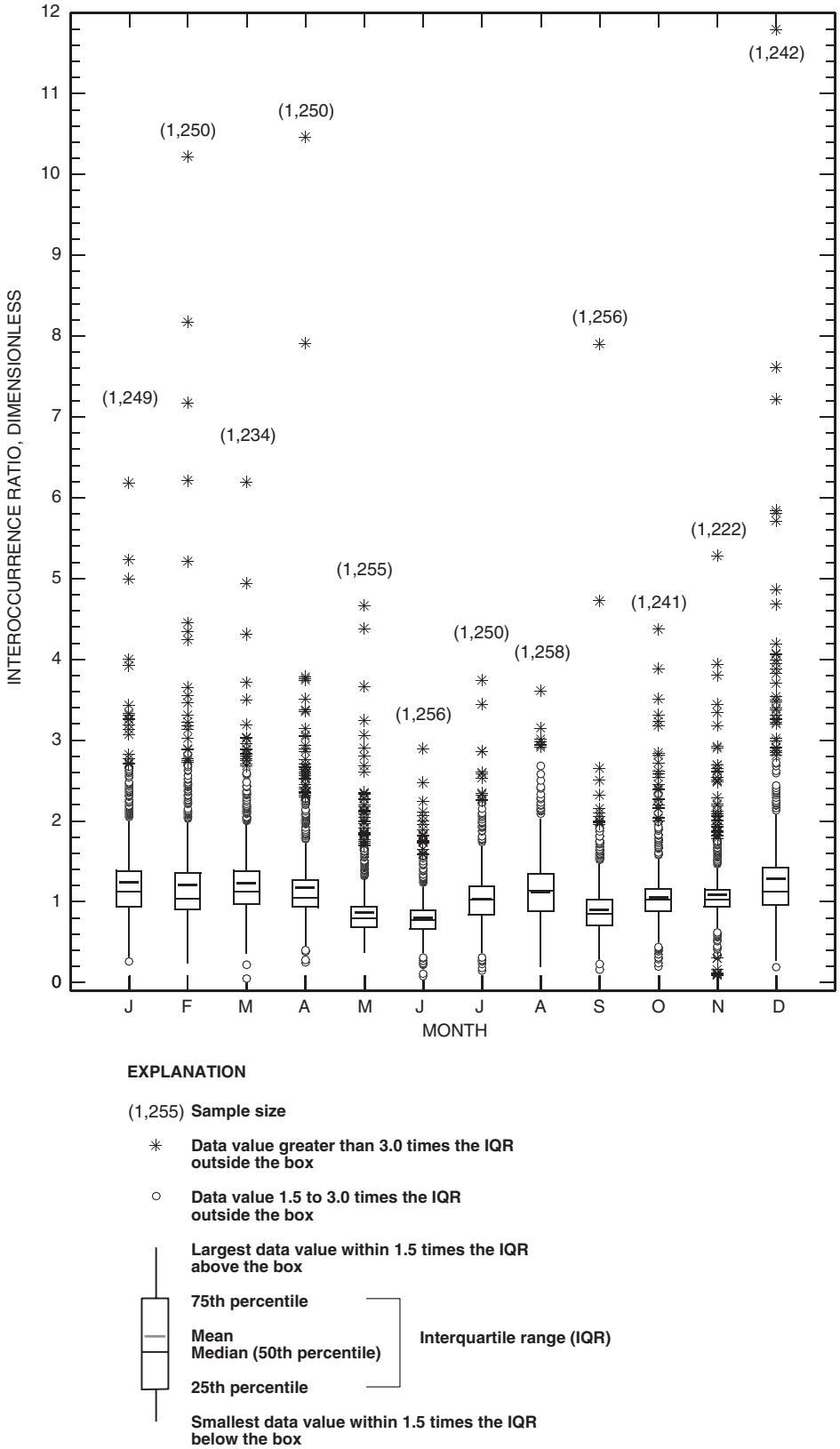

Figure 16. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 0.10-inch and greater daily precipitation threshold for Texas.

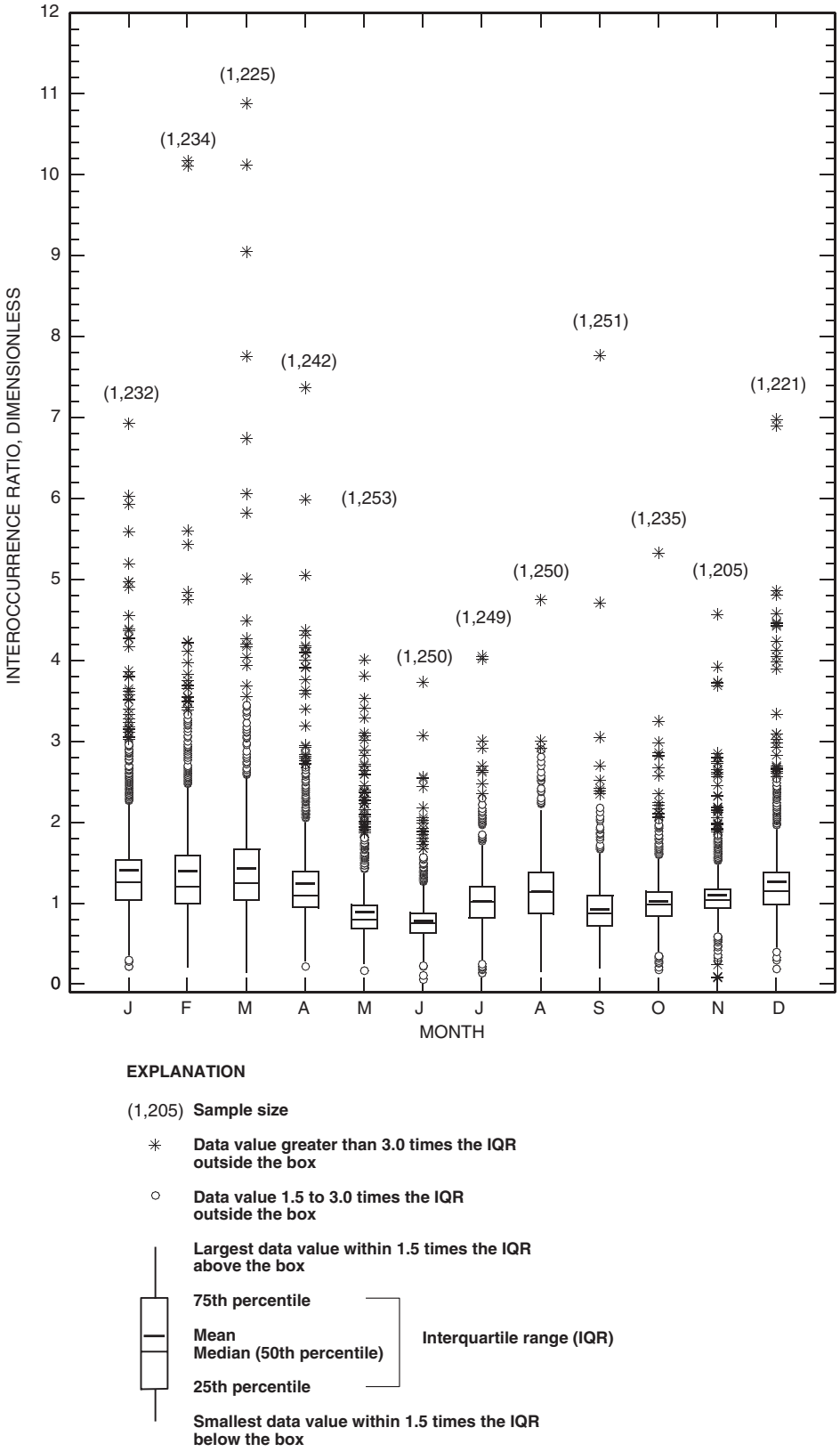

Figure 17. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 0.25-inch and greater daily precipitation threshold for Texas.

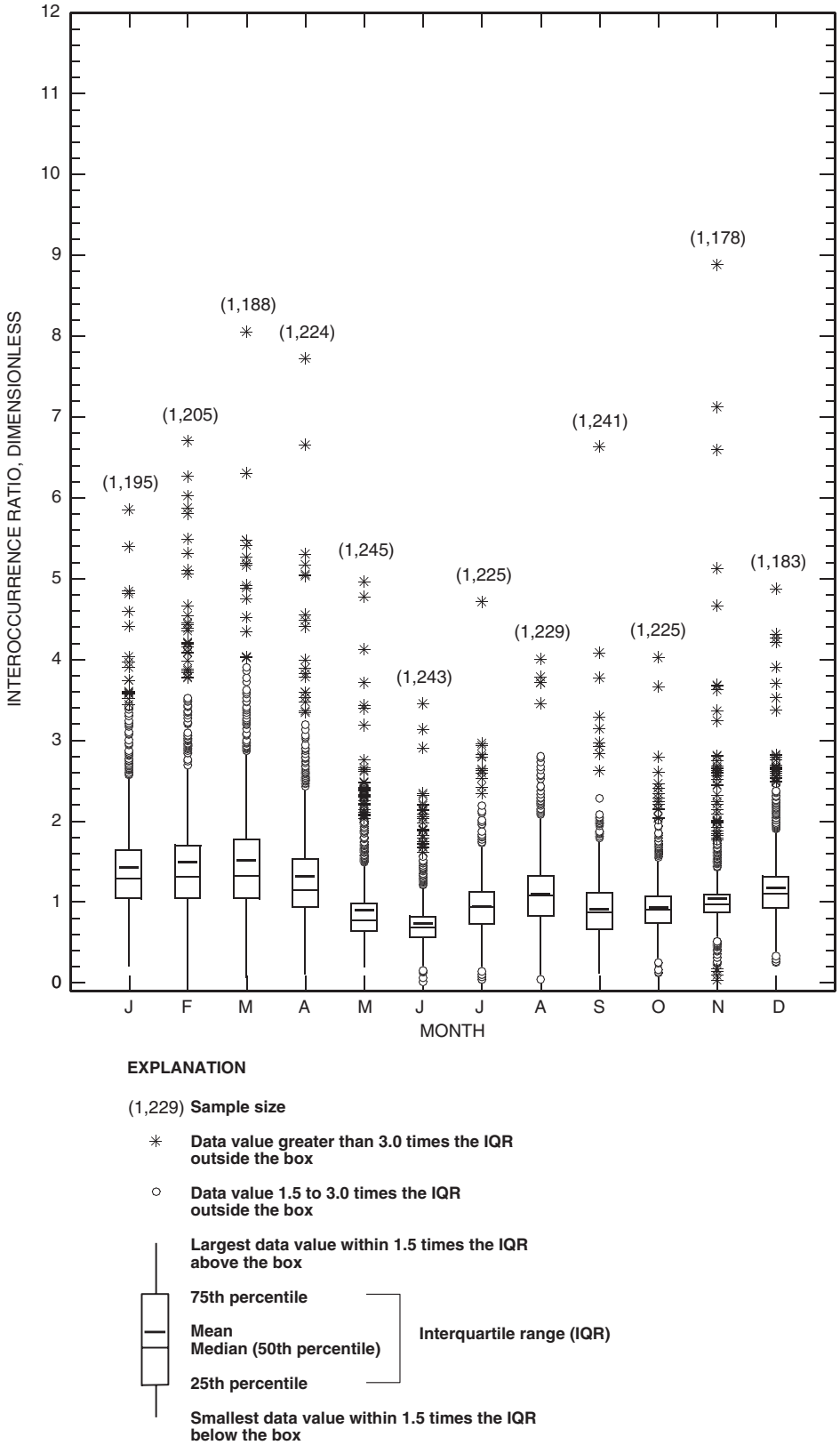

Figure 18. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 0.50-inch and greater daily precipitation threshold for Texas.

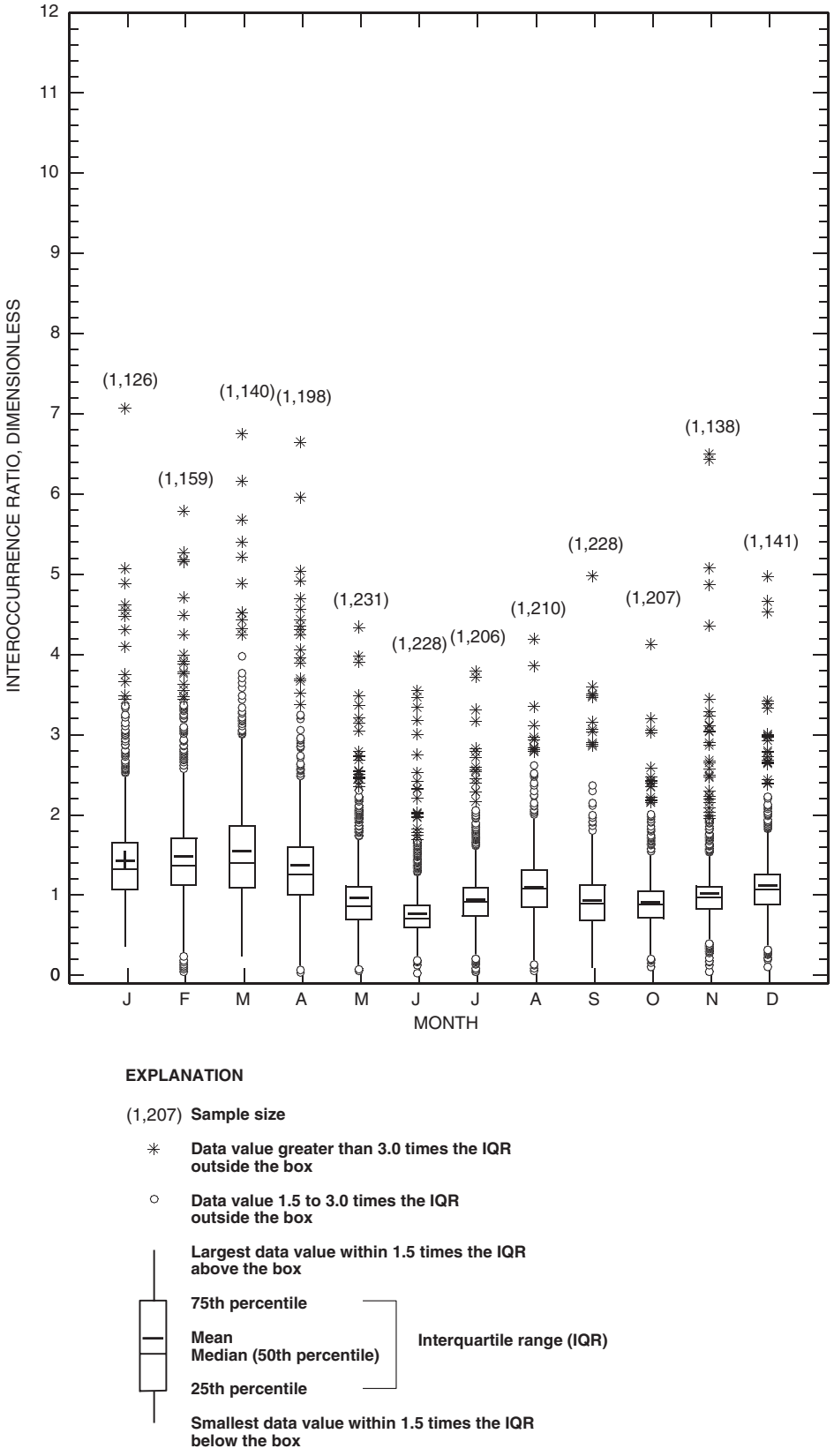

Figure 19. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 0.75-inch and greater daily precipitation threshold for Texas.

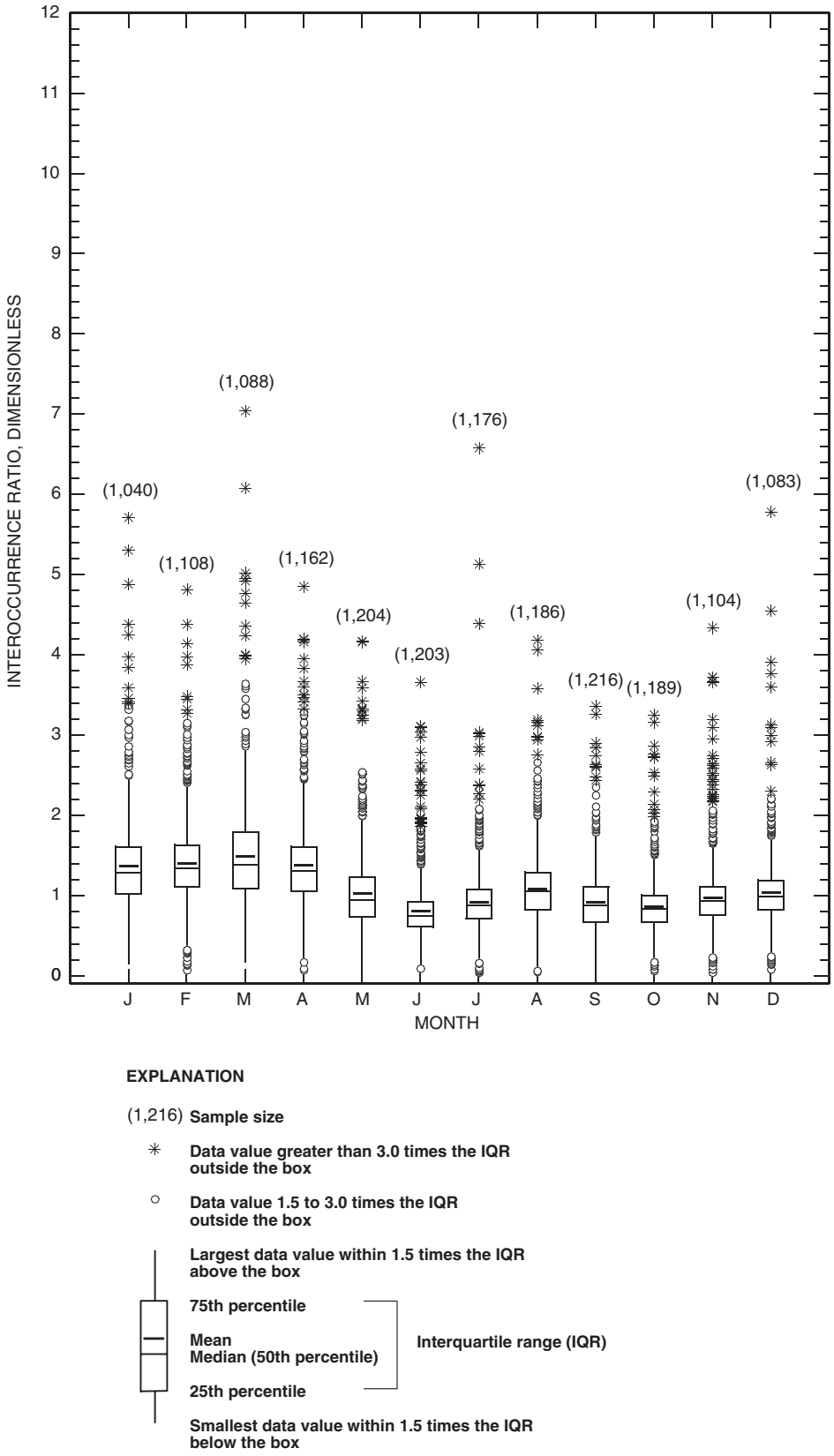

Figure 20. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 1.0-inch and greater daily precipitation threshold for Texas.

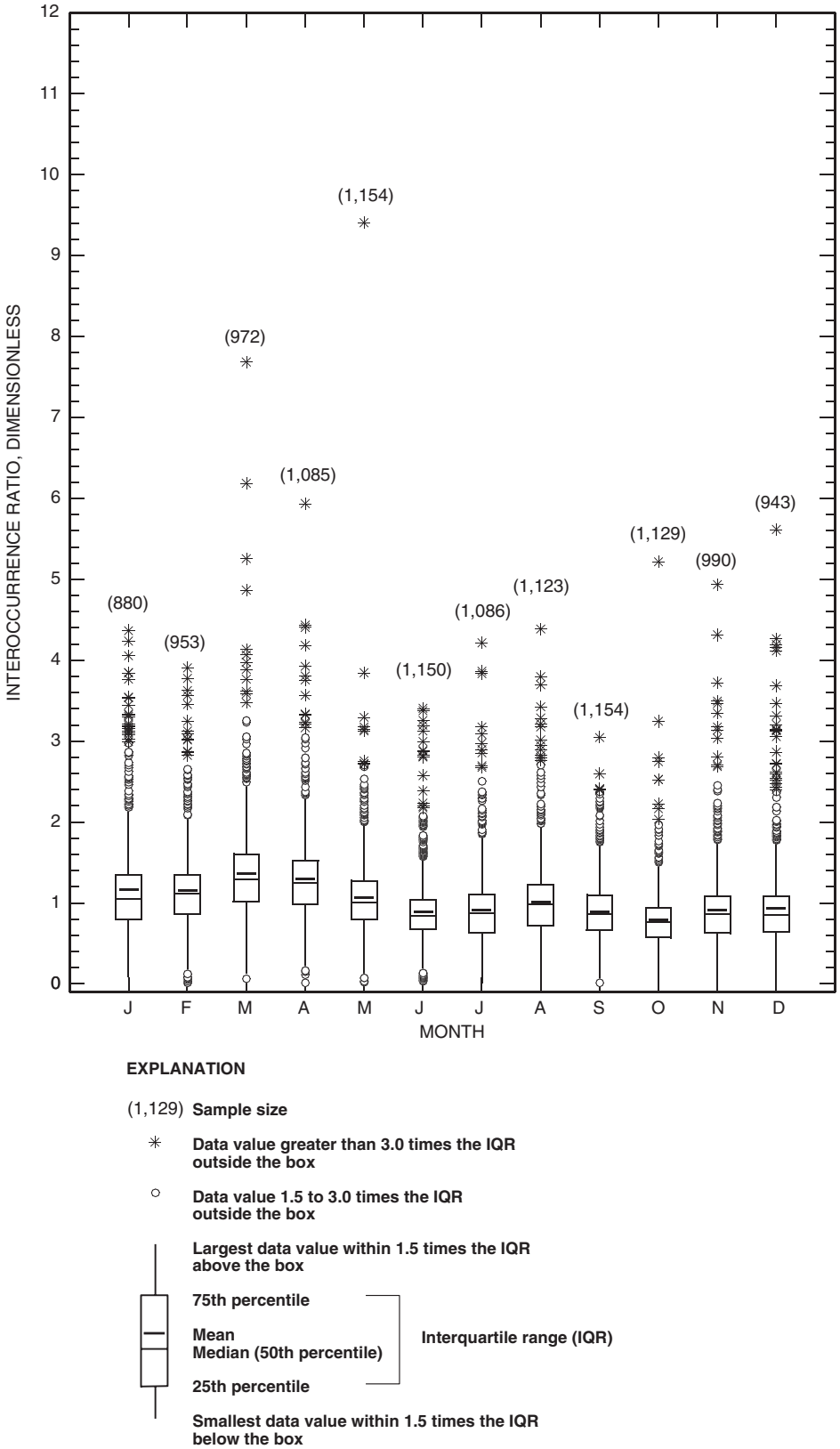

Figure 21. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 1.5-inch and greater daily precipitation threshold for Texas.

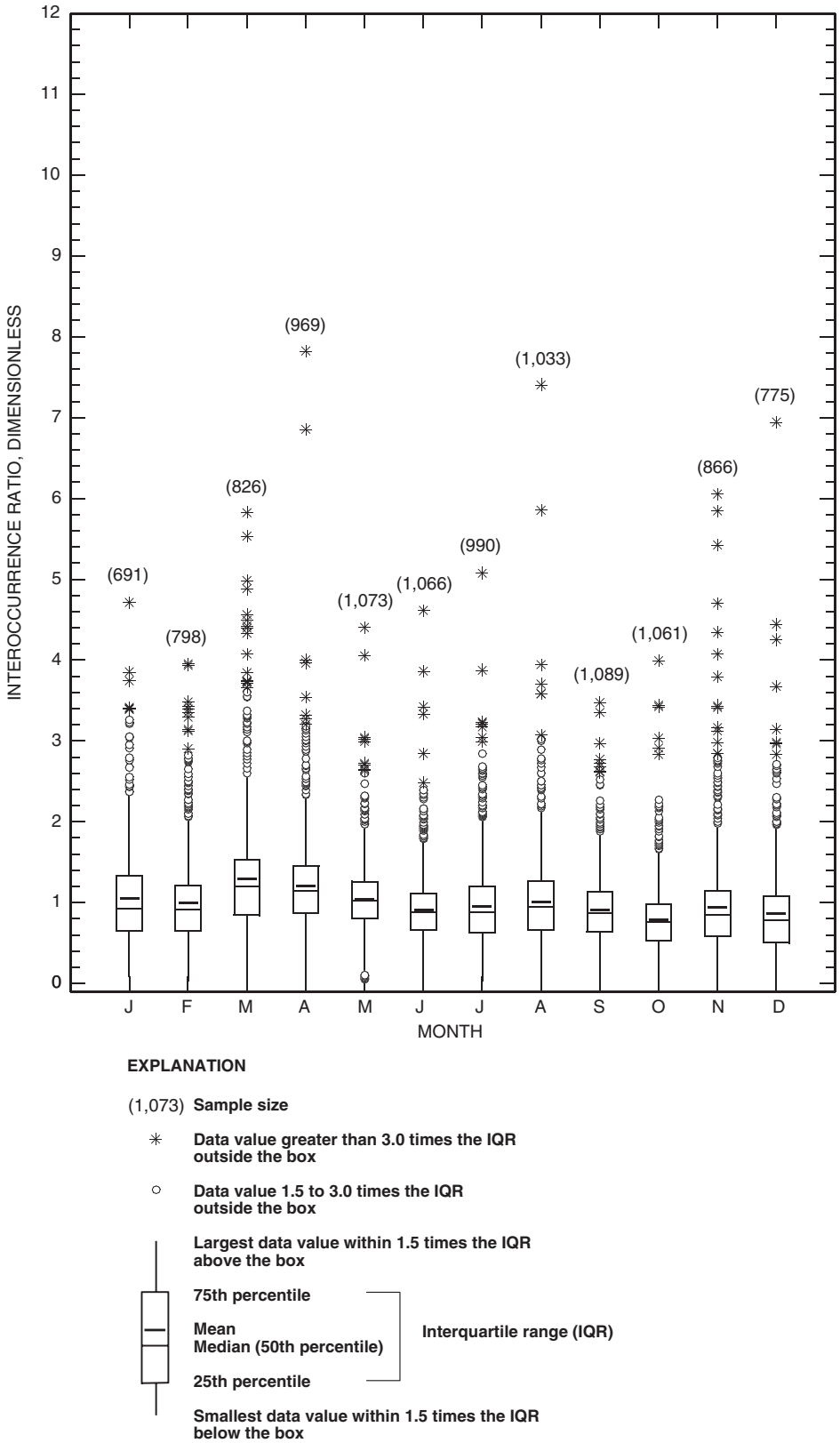

Figure 22. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 2.0-inch and greater daily precipitation threshold for Texas.

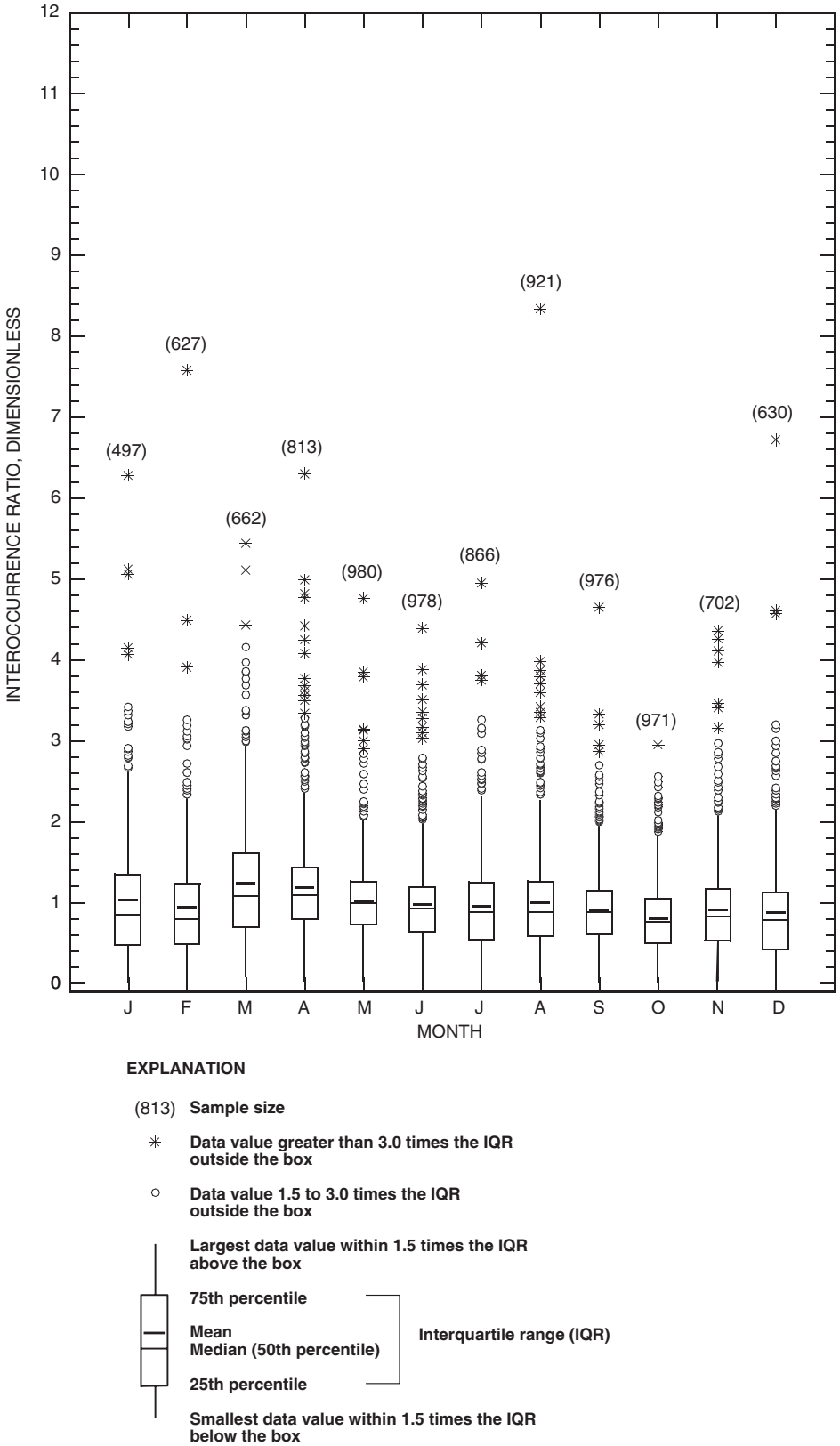

Figure 23. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 2.5-inch and greater daily precipitation threshold for Texas.

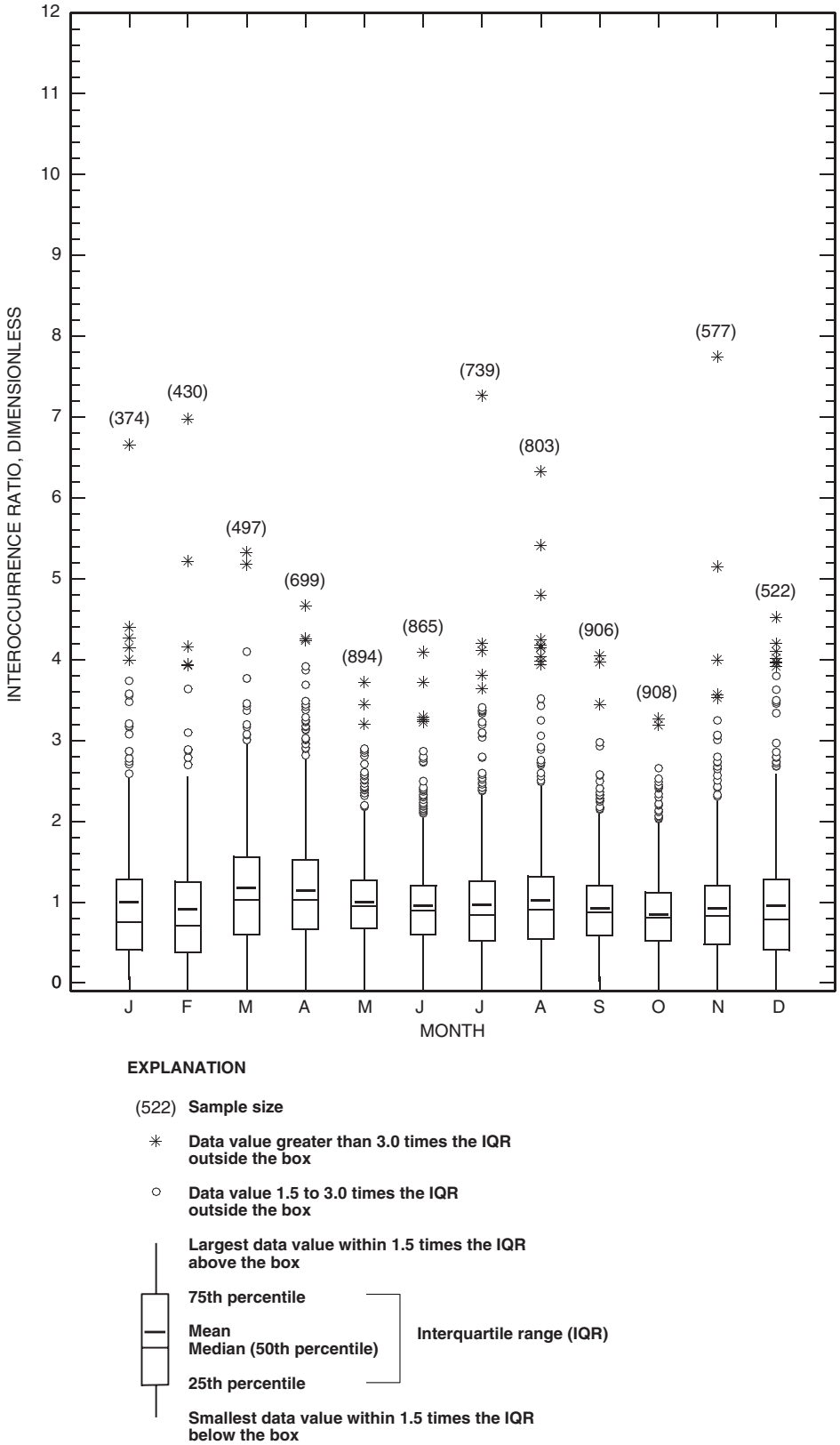

Figure 24. Distribution of ratio of interoccurrence interval for month to mean interoccurrence interval for period of record at station for a 3.0-inch and greater daily precipitation threshold for Texas.

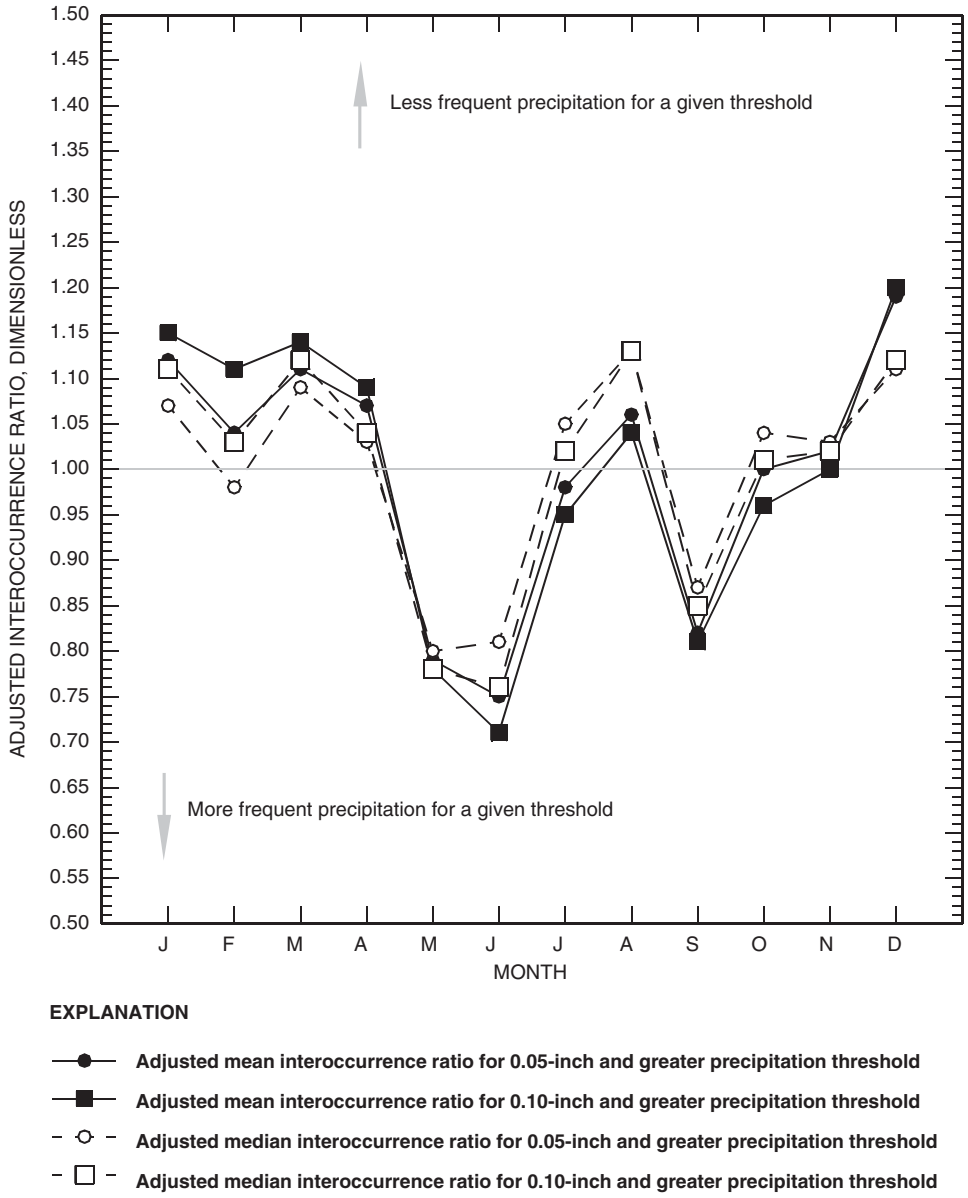

Figure 25. Relation between adjusted mean and median interoccurrence ratios and month for 0.05- and 0.10-inch daily precipitation thresholds for Texas.

Asquith and Thompson (2003) and Asquith (2003) concluded that for a 12- to 24-hour duration, an expected dimensionless hyetograph—cumulative temporal representation of storm depth—can be defined by the following equation:

$$p(F) = F^{0.7830} e^{0.4368(1-F)}, \qquad (11)$$

where

$p(F)$ is the fractional percent of the 24-hour storm depth, and

F is the fractional percent of the storm duration.

The equation is appropriate for a duration of 3 hours because the interoccurrence intervals are derived for daily (24-hour) durations. Therefore, it follows that the equation estimates the median 3-hour, 6-month precipitation. For a duration of 3 hours, F is 0.125 (3/24), and $p(F)$ is 0.288. Hence the site-specific median 3-hour, 6-month precipitation threshold for the Austin Camp Mabry station is 0.74 inch (0.288×2.56). For comparison, the site-specific median 6-hour, 6-month precipitation threshold is 1.20 inches (0.469×2.56).

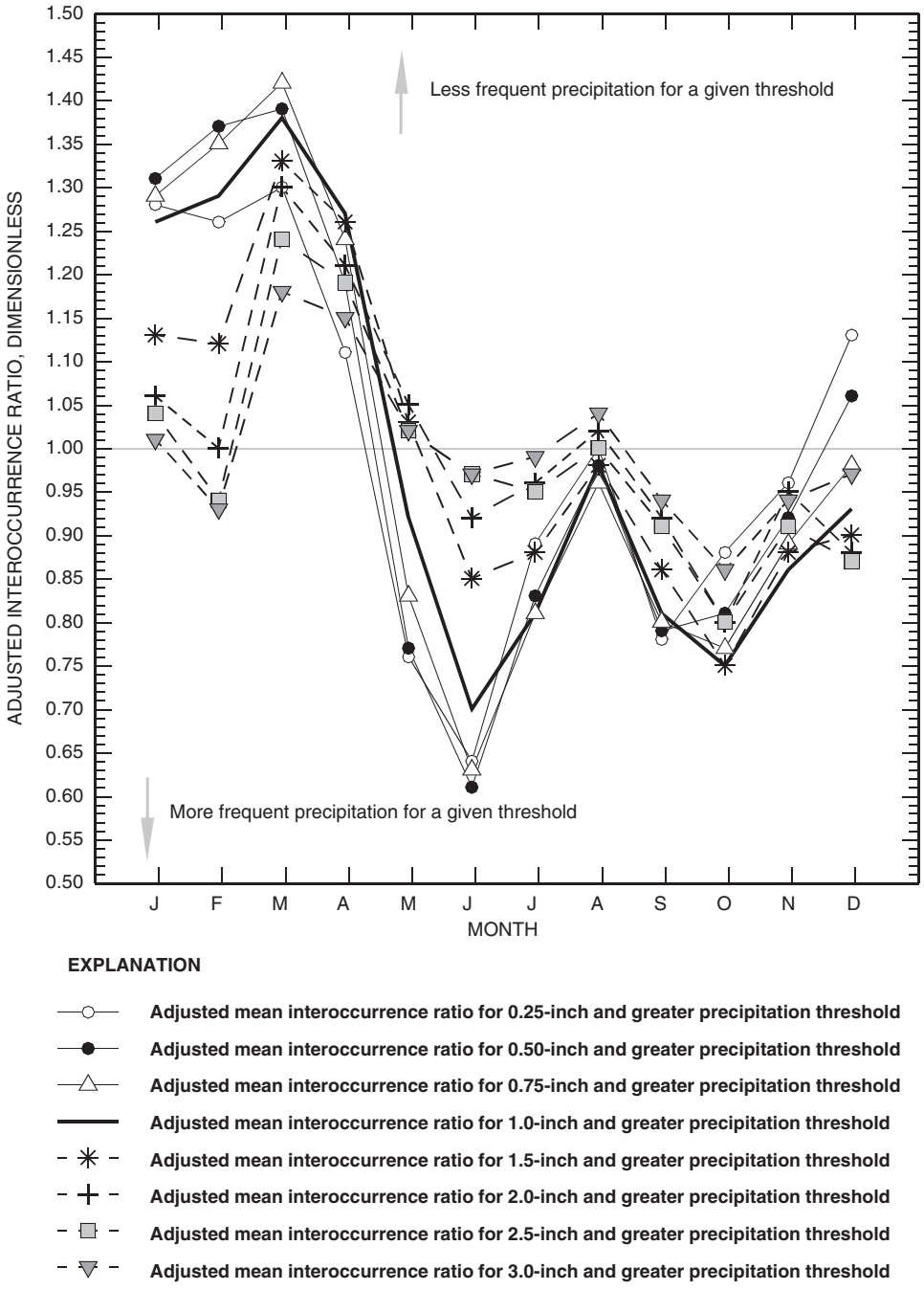

Figure 26. Relation between adjusted mean interoccurrence ratio and month for 0.25-, 0.50-, 0.75-, 1.0-, 1.5-, 2.0-, 2.5-, and 3.0-inch daily precipitation thresholds for Texas.

Site-Specific Median Number of Occurrences

Suppose that the median number (n) of occurrences in 1 year of daily precipitation with a threshold of 1.0 inch is needed for the Austin Camp Mabry station, which was considered in the previous section. The site-specific mean interoccurrence interval Λ = 37.41 days (sequence no. 46, table 5). The total time T is 365 days, and because the median is sought, $F = 0.5$.

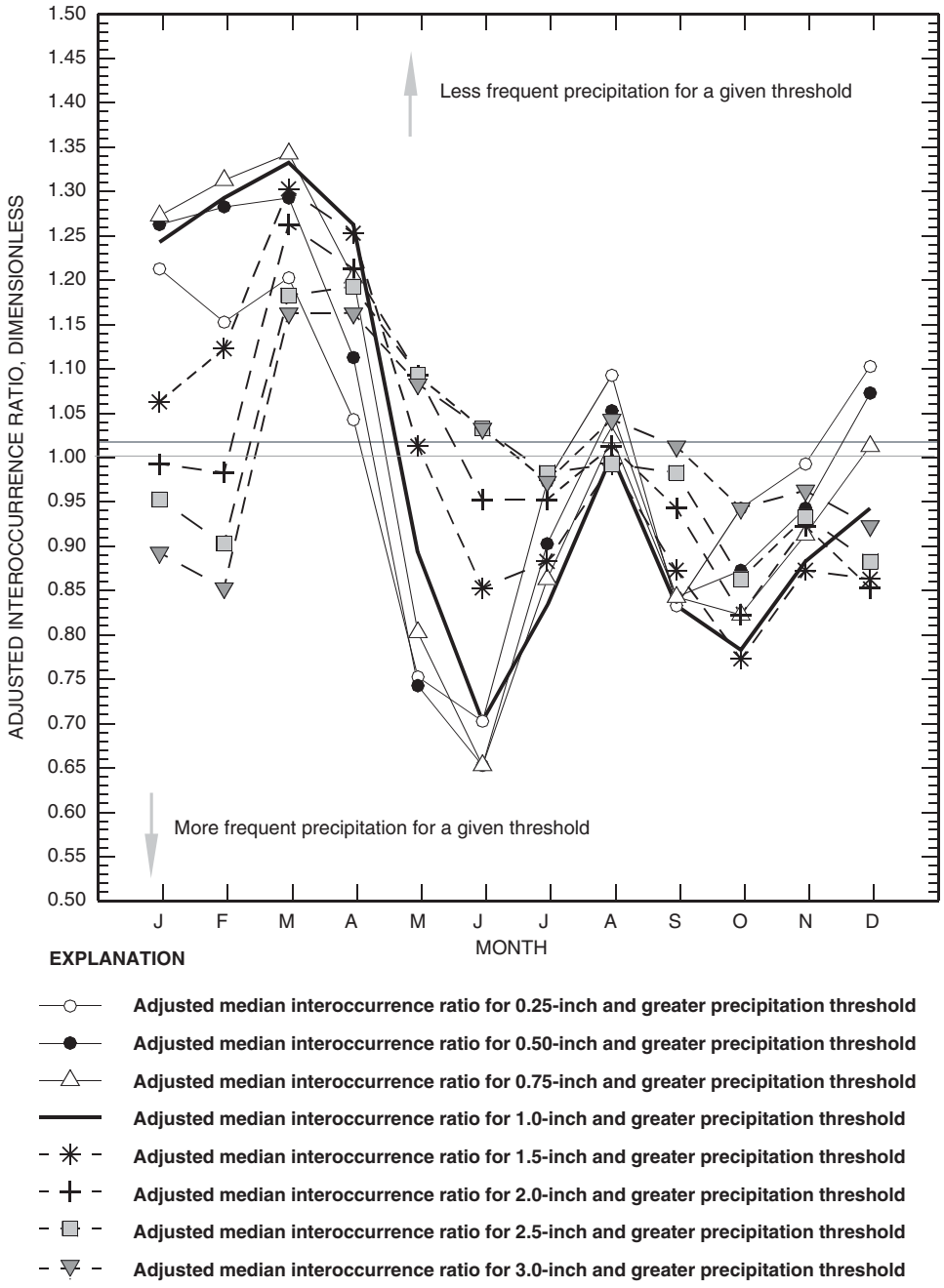

Figure 27. Relation between adjusted median interoccurrence ratio and month for 0.25-, 0.50-, 0.75-, 1.0-, 1.5-, 2.0-, 2.5-, and 3.0-inch daily precipitation thresholds for Texas.

The estimated number of occurrences per year can be computed from equation 6:

$$0.5 = e^{-365/(37.41)} \sum_{i=0}^{n} \frac{(365/37.41)^n}{n!}, \text{ and} \quad (12)$$

$$8{,}635 = \sum_{i=0}^{n} \frac{(9.757)^n}{n!}. \quad (13)$$

The value for n can be estimated using a spreadsheet or hand calculator. The right-hand side of equation

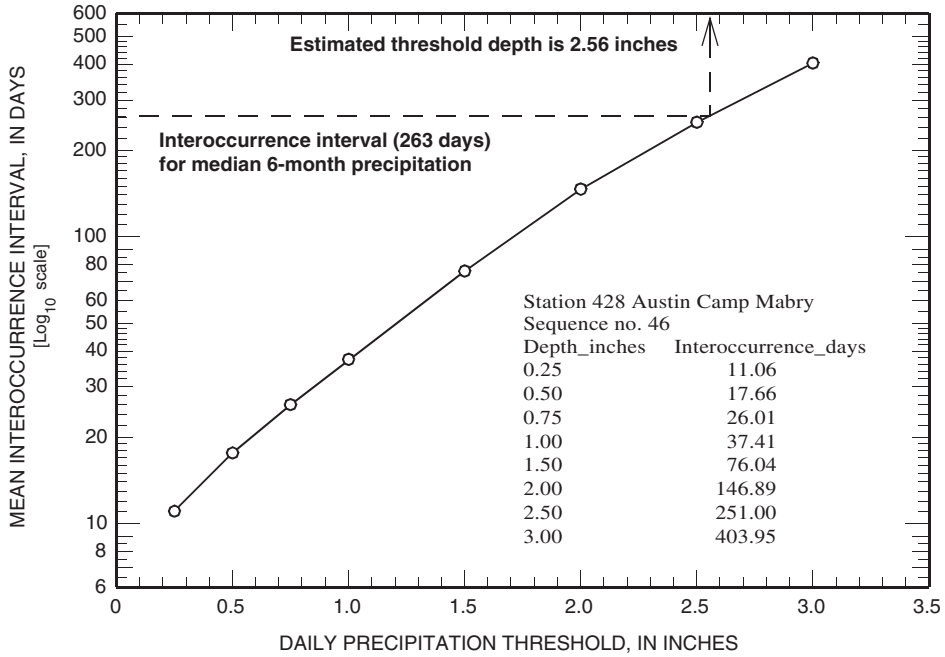

Figure 28. Relation between site-specific daily precipitation threshold and mean interoccurrence interval for station 428 Austin Camp Mabry and estimated median 6-month precipitation.

13 for $n = 9$ and $n = 10$ is 8,442 and 10,597, respectively. The value 8,635 is closest to 8,442; therefore, the median number of precipitation events per year of 1.0 inch and greater is estimated as 9.

Intra-Annual Variations in Interoccurrence Intervals

Suppose that the 75th ($F = 0.75$) and 90th ($F = 0.90$) percentile of the number of occurrences of June precipitation in a 10-year period of successive months with a threshold of 0.25 inch in Lubbock, Tex. (fig. 4) is needed. The station at the Lubbock International Airport (sequence no. 717, table 1) has the longest period of record in the area (91 years), so the mean interoccurrence interval of 16.92 days is expected to be a reliable site-specific interval. The time T is 10 years multiplied by 30 days in June or 300 days. The expected June interoccurrence interval is 10.83 (0.64 X 16.92) days using the June adjusted mean monthly interoccurrence ratio of 0.64 (table 12). The estimated number of occurrences for the 75th percentile can be computed from equation 6 as shown in the following equation:

$$0.75 = e^{-300/10.83} \sum_{i=0}^{n} \frac{(300/10.83)^n}{n!} . \quad (14)$$

The value for n that best approximates the number of June occurrences is 31 for the 75th percentile, and the value for n that best approximates the equality is 34 for the 90th percentile.

Regional Estimation of Mean Interoccurrence Interval

Suppose that estimates of the mean interoccurrence interval of precipitation are needed for the area surrounding Austin, Tex. The maps depicted in figures 4–13 provide regional estimates that are believed to be generally more reliable than site-specific mean interoccurrence intervals available at any single station. Derived from the maps and manual interpolation, the regional estimates of interoccurrence intervals for each depth threshold for Austin are listed in table 20 (at end of report). For comparison, also listed in the table are the site-specific interoccurrence intervals for a long-term and short-term station in the Austin area (tables 3–7). The intervals in table 20 indicate that the regional estimates are similar to those for both stations; so the applicability of the maps in the Austin area is demonstrated.

SUMMARY

A Poisson process model of daily precipitation is used to model the distribution of precipitation interoccurrence intervals, and the mathematics of the model are described in this report. A precipitation interoccurrence interval is the time period between two successive rainfall events. Rainfall events are defined as daily precipitation that equals or exceeds specified depth threshold. Ten precipitation thresholds are considered and include depths of 0.05, 0.10, 0.25, 0.50, 0.75, 1.0, 1.5, 2.0, 2.5, and 3.0 inches. For each threshold for each of 1,306 NWS daily precipitation stations, site-specific mean interoccurrence intervals and ancillary statistics are computed, and the results are tabulated. Maps depicting the spatial variation across Texas of the mean interoccurrence interval for each threshold are presented along with diagnostic statistics. The percent change from the statewide standard deviation of the interoccurrence intervals to the RMSE ranges from a magnitude minimum of (negative) -24 to a magnitude maximum of -60 percent for the 0.05- and 2.0-inch thresholds, respectively. Because of the substantial negative percent change, the maps are considered more reliable estimators of the mean interoccurrence interval for most locations in Texas than the statewide mean values.

The reliability of the maps west of the Pecos River is limited because of reduced station density, influences of elevation, and large interoccurrence intervals relative to the record length at the stations. Analysis of the influences of elevation on the interoccurrence intervals is provided. Interoccurrence interval decreases as station elevation increases, up to rainfall thresholds of about 1 inch, and for larger thresholds, little to no relation between interoccurrence interval and elevation is observed. Intra-annual variations or seasonal differences in the interoccurrence interval also are documented. Considerable and systematic seasonal variations reflect the decrease and increase in interoccurrence interval during the course of a year.

Several applications of precipitation interoccurrence intervals are provided through example computations and interpretations. The Poisson model provides a framework to estimate the distribution of the number of event occurrences for specific time periods or the distribution of interoccurrence intervals. These distributions can be useful in surface-water hydrology.

SELECTED REFERENCES

Asquith, W.H., 1998, Depth-duration frequency of precipitation for Texas: U.S. Geological Survey Water-Resources Investigations Report 98–4044, 107 p.

_____1999, Areal-reduction factors for the precipitation of the 1-day design storm in Texas: U.S. Geological Survey Water-Resources Investigations Report 99–4267, 81 p.

_____2003, Modeling of runoff-producing rainfall hyetographs in Texas using L-moment statistics: Austin, University of Texas at Austin, Ph.D. dissertation, 386 p.

Asquith, W.H., and Famiglietti, J.S., 2000, Precipitation areal-reduction factor estimation using an annual-maxima centered approach: Journal of Hydrology, v. 230, p. 55–69.

Asquith, W.H., and Thompson, D.B., 2003, Modeling of runoff-producing rainfall hyetographs in Texas using L-moments, *in* Texas Section, Spring 2003 Meeting, Corpus Christi, Tex., April 2–5, 2003, Proceedings: American Society of Civil Engineers.

Bhat, U.N., and Miller, G.K., 2002, Elements of applied stochastic processes (3d ed.): Wiley, 461 p.

Bomar, G.W., 1995, Texas weather: Austin, University of Texas Press, 275 p.

Clarke, R.T., 1998, Stochastic processes for water scientists—Developments and applications: Wiley, 183 p.

Evans, Merran, Hastings, N.A.J., and Peacock, J.B., 2000, Statistical distributions (3d ed.): Wiley, 221 p.

Helsel, D.R., and Hirsch, R.M., 1992, Statistical methods in water resources—Studies in environmental science 49: Amsterdam, Elsevier, 529 p.

Hydrosphere, 2002, NCDC Summary of the day—West 2: Boulder, Colo., Hydrosphere Data Products, Inc., CD-ROM.

Isaaks, E.H., and Srivastava, R.M., 1989, An introduction to applied geostatistics: New York, Oxford University Press, 561 p.

Rajagopalan, Balaji, Lall, Upmanu, and Tarboton, D.G., 1996, Nonhomogeneous Markov model for daily precipitation: American Society of Civil Engineers, Journal of Hydrologic Engineering, v. 1, no. 1, p. 33–40.

Ross, Sheldon, 1994, A first course in probability (4th ed.): New York, MacMillan College Publishing Co., 473 p.

Wilks, D.S., 1995, Statistical methods in the atmospheric sciences: San Diego, Academic Press, 467 p.

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes

[*, county name or elevation provided by authors—entry not available from Hydrosphere (2002). *Abbreviations*: Seq., sequence; NWS, National Weather Service; Elev., elevation; ft, feet; NGVD 29, National Geodetic Vertical Datum of 1929; mm/yyyy, month and year; CAA, Civilian Aviation Authority; WSO, Weather Service Office; SNA, State Natural Area; LCRA, Lower Colorado River Authority; FAA, Federal Aviation Authority; SCS, Soil Conservation Service; WB; Weather Bureau; WSFO, Weather Service Field Office; NWSO, National Weather Service Office; FCWOS, unknown; ASOS, unknown; CP&D, unknown; WTU, West Texas Utilities. *Directions*: SE, southeast; SW, southwest; NNW, north-northwest; NE, northeast; W, west; SSE, south-southeast; NW, northwest; N, north; NNE, north-northeast; ENE, east-northeast; SSW, south-southwest; WNW, west-northwest; S, south; WSW, west-southwest; E, east; ESE, east-southeast]

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
1	Abernathy	12	Hale	3,360	33°50'	101°51'	01/1948	12/2001	99	54
2	Abilene 2	13	Taylor	1,865	32°12'	99°27'	05/2001	12/2001	66	1
3	Abilene Regional Airport	16	Taylor	1,790	32°24'	99°40'	01/1948	12/2001	100	54
4	Acker Ranch	25	McMullen	435	28°07'	98°32'	09/1978	12/2001	96	24
5	Ackerly 4 SE	34	Howard	2,655	32°30'	101°40'	01/1948	11/2001	96	54
6	Acton Ranch	40	Crockett	2,010	30°21'	101°15'	03/1992	12/2001	96	10
7	Adamsville	50	Lampasas	1,030	31°17'	98°09'	09/1963	12/1987	90	25
8	Adobe Walls Scout Camp	70	Wheeler	2,582	35°31'	100°22'	04/1974	03/1978	80	5
9	Adrian	68	Oldham*	4,042	35°17'	102°40'	05/1938	08/1948	72	11
10	Agua Dulce	73	Nueces	85	27°47'	97°54'	03/1987	09/1987	59	1
11	Agua Nueva	81	Jim Hogg	459	26°54'	98°36'	01/1948	12/1964	99	17
12	Albany	120	Shackelford	1,400	32°43'	99°18'	11/1901	12/2001	96	101
13	Aledo 4 SE	129	Parker	790	32°39'	97°34'	09/1960	12/2001	98	42
14	Alice	144	Jim Wells	201	27°43'	98°04'	04/1911	12/2001	96	85
15	Alice CAA Airport	145	Jim Wells	173	27°44'	98°02'	01/1948	09/1952	94	5
16	Allison	157	Wheeler	2,600	35°36'	100°03'	08/2001	12/2001	34	1
17	Allison Ranch	160	Edwards	2,280	30°05'	100°23'	10/1964	04/1965	17	2
18	Alpine	174	Brewster	4,530	30°21'	103°39'	03/1900	12/2001	94	80
19	Alto 5 SW	190	Cherokee	280	31°36'	95°08'	01/1948	12/2001	98	54
20	Alvarado	201	Johnson	689	32°25'	97°13'	01/1948	10/1964	99	17
21	Alvarado 2 NNW	202	Johnson	835	32°27'	97°13'	04/1987	12/2001	96	15
22	Alvin	204	Brazoria	28	29°22'	95°14'	06/1898	12/2001	93	102
23	Alvord 3 NE	206	Wise	1,010	33°23'	97°39'	06/1948	09/1951	81	4
24	Amarillo WSO Airport	211	Potter	3,586	35°13'	101°42'	01/1948	12/2001	100	54
25	Amistad Dam	225	Val Verde	1,157	29°27'	101°01'	05/1964	12/2001	99	38
26	Anahuac	235	Chambers	24	29°47'	94°40'	06/1909	12/2001	96	89
27	Anderson	244	Grimes	351	30°29'	95°59'	05/1914	09/1972	96	59
28	Andice 2 SW	246	Williamson	1,060	30°45'	97°51'	02/1968	12/2001	97	34
29	Andrews	248	Andrews	3,192	32°20'	102°33'	01/1914	12/2001	95	46
30	Angleton 2 W	257	Brazoria	27	29°09'	95°27'	06/1913	12/2001	97	89
31	Anna	262	Collin	680	33°21'	96°31'	06/1898	11/1995	95	52
32	Anson	268	Jones	1,710	32°46'	99°53'	01/1898	12/2001	86	53
33	Antelope	271	Jack	1,040	33°26'	98°22'	09/1910	12/2001	98	65
34	Aquilla 1 SSE	297	Hill	520	31°50'	97°13'	01/1992	12/2001	99	10
35	Aransas Pass 2	302	Aransas	20	27°55'	97°08'	06/1897	07/1971	91	31
36	Aransas Wildlife Refuge	305	Aransas	15	28°18'	96°48'	01/1971	12/2001	98	31
37	Aransas Wildlife Refuge	437	Aransas	20	28°16'	96°48'	06/1940	12/1970	96	31
38	Archer City	313	Archer	1,045	33°34'	98°37'	04/1910	12/2001	96	64
39	Arlington	337	Tarrant	655	32°44'	97°07'	01/1948	12/2001	99	54
40	Armstrong	342	Kenedy	30	26°56'	97°48'	08/1942	11/1978	84	34
41	Arthur City	367	Lamar*	430	33°52'	95°30'	01/1897	06/1970	94	72
42	Asherton	380	Dimmit*	551	28°26'	99°45'	06/1948	09/1951	51	4
43	Aspermont	394	Stonewall	1,670	33°09'	100°14'	07/1911	12/2001	97	91
44	Athens	404	Henderson	448	32°09'	95°49'	12/1903	12/2001	93	58

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
45	Atlanta	408	Cass	300	33°06'	94°10'	09/1930	05/2000	91	57
46	Austin Camp Mabry	428	Travis	673	30°19'	97°46'	06/1930	12/2001	98	72
47	Austin Dam	430	Travis	531	30°18'	97°47'	03/1948	12/1965	97	18
48	Austin Montopolis Bridge	432	Travis*	512	30°15'	97°41'	01/1948	07/1963	97	16
49	Austin Water Treatment Plant	427	Travis	500	30°16'	97°39'	09/1996	07/1997	41	2
50	Austin-Bergstrom International Airport	429	Travis	480	30°10'	97°40'	07/1999	12/2001	83	3
51	Austwell	436	Refugio	95	28°22'	96°50'	03/1897	02/1960	96	52
52	Avalon	440	Ellis	530	32°12'	96°47'	12/1964	12/2001	94	38
53	Avery 5 NNW	443	Red River	390	33°37'	94°48'	03/2001	12/2001	84	1
54	Bade Ranch	463	Sterling*	*2,433	31°50'	101°10'	06/1948	10/1948	24	1
55	Baird	478	Callahan	1,732	32°24'	99°24'	03/1948	04/1980	82	33
56	Bakers Crossing	479	Val Verde	1,510	29°57'	101°09'	01/1981	12/1987	93	7
57	Bakersfield	482	Pecos	2,553	30°53'	102°18'	01/1948	12/2001	99	54
58	Bakersfield 11 SSE	484	Pecos	3,081	30°43'	102°13'	07/1980	05/1982	55	3
59	Ballinger 2 NW	493	Runnels	1,755	31°44'	99°58'	01/1897	12/2001	96	103
60	Balmorhea	495	Reeves*	3,192	30°59'	103°44'	03/1949	06/1951	38	3
61	Balmorhea	498	Reeves	3,220	30°59'	103°44'	09/1923	12/2001	97	79
62	Balmorhea Circle H Ranch	497	Jeff Davis*	5,003	30°51'	103°59'	03/1953	10/1953	60	1
63	Balmorhea Graef Ranch	499	Reeves*	3,304	30°56'	103°31'	03/1953	11/1958	93	6
64	Balmorhea wb pan	496	Reeves*	3,222	31°00'	103°41'	01/1948	04/1950	27	3
65	Bankersmith	509	Kendall	1,750	30°08'	98°49'	06/1948	12/2001	92	22
66	Banquete	511	Nueces	79	27°48'	97°48'	07/1978	10/1986	71	9
67	Bardwell Dam	518	Ellis	461	32°15'	96°38'	04/1965	12/2001	99	37
68	Barnhart	528	Irion	2,562	31°08'	101°10'	03/1948	04/1965	80	18
69	Barstow	538	Ward*	2,572	31°28'	103°24'	05/1906	12/1919	96	14
70	Bastrop	542	Bastrop*	381	30°06'	97°20'	12/1900	02/1915	47	6
71	Bateman Ranch	556	King	1,811	33°35'	100°09'	05/1971	05/1973	69	3
72	Bateman Ranch 2	558	King	1,785	33°36'	100°13'	11/1974	10/1988	85	14
73	Batesville	560	Zavala	745	28°57'	99°37'	06/1965	03/2001	92	37
74	Bay City 2 N	572	Matagorda*	49	29°00'	95°58'	06/1948	09/1951	83	4
75	Bay City Waterworks	569	Matagorda	52	28°59'	95°57'	10/1909	12/2001	93	69
76	Baylor Ranch	580	La Salle*	400	28°18'	98°59'	07/1947	09/1951	63	5
77	Baytown	586	Harris	34	29°50'	95°00'	06/1946	12/2001	94	46
78	Bayview	576	Cameron*	20	26°07'	97°24'	06/1948	05/1950	66	3
79	Beasley	605	Fort Bend*	102	29°30'	95°52'	06/1948	09/1950	53	3
80	Beaumont City	611	Jefferson	20	30°06'	94°06'	11/1901	12/2001	96	101
81	Beaumont Research Center	613	Jefferson	27	30°04'	94°17'	01/1948	12/2001	94	41
82	Bedias	635	Grimes	335	30°47'	95°57'	08/1949	12/1985	94	37
83	Beeville 5 NE	639	Bee	255	28°27'	97°42'	11/1901	12/2001	98	100
84	Bellville 6 NNE	655	Austin	280	30°01'	96°12'	11/1978	12/2001	93	23
85	Belmont	660	Gonzales	388	29°31'	97°41'	02/1997	12/2001	90	5
86	Belton Dam	665	Bell	664	31°06'	97°29'	08/1951	12/1992	96	41
87	Benavides	689	Duval	381	27°36'	98°25'	06/1948	09/1951	83	4
88	Benavides 2	690	Duval	380	27°35'	98°24'	07/1962	12/2001	90	39
89	Benbrook Dam	691	Tarrant	790	32°38'	97°26'	06/1949	12/2001	98	53
90	Benjamin 15 W	708	King	1,650	33°35'	100°02'	05/1980	10/2001	79	22
91	Benjamin 4 SSE	704	Knox	1,401	33°32'	99°46'	06/1940	05/1975	94	36
92	Bertram 3 ENE	738	Burnet	1,139	30°45'	98°00'	02/1968	12/2001	100	34
93	Bethany	715	Panola	370	32°23'	94°03'	02/1983	12/1988	97	6
94	Big Bend Ranch SNA	764	Presidio	4,140	29°26'	103°57'	02/1995	12/2001	95	7
95	Big Lake 13 SSW	777	Crockett*	2,802	31°01'	101°33'	09/1941	04/1949	31	9
96	Big Lake 2	779	Reagan	2,703	31°11'	101°28'	08/1963	12/2001	97	39

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

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97	Big Lake LCRA 140	776	Reagan	2,690	31°12'	101°28'	06/1948	09/1951	77	4
98	Big Spring	786	Howard	2,500	32°14'	101°27'	01/1948	12/2001	97	54
99	Big Spring 5 NE	781	Howard	2,500	32°22'	101°25'	08/2001	11/2001	31	1
100	Big Wells 2 W	787	Dimmit	535	28°34'	99°35'	01/1916	12/2001	97	81
101	Bishop	805	Nueces	67	27°35'	97°48'	10/1934	12/2001	87	29
102	Blackwell	826	Nolan*	2,152	32°06'	100°18'	08/1936	08/1942	36	6
103	Blanco	832	Blanco	1,370	30°06'	98°25'	01/1897	12/2001	99	104
104	Blanket	839	Brown	1,601	31°49'	98°47'	03/1948	12/1965	95	18
105	Blewett 5 NW	852	Uvalde	971	29°14'	100°06'	05/1957	11/1985	97	29
106	Bloys Campground	861	Jeff Davis	5,764	30°32'	104°08'	05/1968	03/1978	89	11
107	Blue	866	Lee	459	30°24'	97°09'	03/1963	12/1984	93	22
108	Boerne	902	Kendall	1,444	29°47'	98°44'	07/1897	12/2001	98	104
109	Bon Wier	917	Newton	89	30°44'	93°39'	01/1948	06/1988	96	41
110	Bonham 3 NNE	923	Fannin	600	33°38'	96°10'	01/1903	12/2001	98	97
111	Bonita 4 NW	926	Montague	985	33°50'	97°39'	06/1948	12/2001	69	5
112	Booker	944	Lipscomb	2,750	36°27'	100°32'	05/1922	12/2001	90	70
113	Booker Blau Ranch	942	Lipscomb*	2,802	36°22'	100°32'	01/1948	11/1955	82	8
114	Bootleg Corner	947	Deaf Smith	4,114	34°50'	102°49'	12/1976	10/1982	78	7
115	Boquillas Ranger Station	950	Brewster	1,857	29°11'	102°57'	07/1910	12/2001	93	53
116	Borger	955	Hutchinson*	3,114	35°39'	101°24'	04/1944	10/1961	93	17
117	Borger	958	Hutchinson	3,067	35°41'	101°23'	02/1949	12/2001	99	53
118	Bovina	977	Parmer	4,104	34°31'	102°53'	08/1917	06/1920	69	4
119	Bowie	984	Montague	1,080	33°33'	97°50'	01/1897	11/2001	98	77
120	Boxelder 3 NNE	991	Red River	440	33°30'	94°51'	04/1949	12/2001	99	53
121	Boyd	996	Wise	730	33°04'	97°33'	01/1948	06/1999	97	52
122	Boys Ranch	1000	Oldham	3,191	35°31'	102°15'	07/1964	12/2001	91	26
123	Brackettville	1007	Kinney	1,118	29°19'	100°24'	02/1900	12/2001	95	99
124	Brackettville 22 N	1013	Kinney	1,675	29°36'	100°28'	09/1978	12/2001	86	24
125	Brady	1017	McCulloch	1,720	31°07'	99°20'	01/1897	12/2001	94	69
126	Brandon	1026	Hill	640	32°03'	96°58'	01/1992	12/2001	99	10
127	Bravo	1033	Hartley	4,160	35°37'	103°00'	01/1948	12/2001	98	54
128	Brazoria	1034	Brazoria*	30	29°03'	95°34'	01/1897	09/1929	93	32
129	Brazos	1035	Palo Pinto	840	32°38'	98°08'	09/1915	12/2001	98	55
130	Breckenridge	1042	Stephens	1,170	32°45'	98°54'	06/1898	12/2001	92	78
131	Breckenridge 2 WNW	1043	Stephens	1,332	32°46'	98°56'	03/1973	03/1975	69	3
132	Bremond	1045	Robertson	470	31°10'	96°41'	05/1963	12/2001	99	39
133	Brenham	1048	Washington	313	30°10'	96°24'	01/1902	12/2001	99	100
134	Brewers Store 5 SW	1053	Kimble*	1,762	30°41'	99°33'	06/1948	09/1951	82	4
135	Brice 2 S	1057	Hall	2,228	34°41'	100°54'	06/1948	09/1951	83	4
136	Bridgeport	1063	Wise	745	33°12'	97°46'	09/1915	12/2001	99	86
137	Briggs	1068	Burnet	1,090	30°53'	97°56'	06/1948	07/1998	88	11
138	Brighton	1073	Nueces*	10	27°39'	97°18'	01/1897	01/1920	91	23
139	Brite Ranch	1080	Presidio*	4,623	30°20'	104°32'	02/1949	08/1949	39	1
140	Britton	1081	Tarrant	561	32°33'	97°04'	06/1948	07/1952	71	5
141	Broaddus	4523	San Augustine	269	31°19'	94°17'	09/1947	12/1976	97	30
142	Broaddus 1 NE	1089	San Augustine	270	31°20'	94°13'	01/1977	12/2001	96	23
143	Bronson	1094	Sabine	322	31°21'	94°01'	07/1924	12/1979	95	52
144	Brownfield	1127	Terry*	3,383	33°11'	102°16'	03/1914	10/1954	94	40
145	Brownfield 2	1128	Terry	3,300	33°10'	102°15'	10/1953	12/2001	98	49
146	Brownsville WSO Airport	1136	Cameron	19	25°54'	97°25'	12/1898	12/2001	96	81
147	Brownwood	1138	Brown	1,385	31°40'	98°57'	01/1947	12/2001	97	55
148	Brunson Ranch	1150	Glasscock*	2,513	31°59'	101°42'	01/1948	06/1951	87	4

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149	Bryan 17 NE	1156	Madison	92	30°52'	96°11'	05/1996	11/1996	58	1
150	Bryan CAA Airport	1154	Brazos*	266	30°38'	96°28'	06/1948	07/1951	79	4
151	Buchanan Dam	1165	Llano*	1,020	30°45'	98°25'	07/1943	02/1964	87	22
152	Buenavista 2 NNW	1185	Pecos*	2,513	31°15'	102°40'	06/1912	09/1951	94	23
153	Buffalo	1188	Leon	358	31°28'	96°03'	01/1948	11/1988	97	41
154	Buler 2 NE	1203	Ochiltree	2,972	36°11'	100°50'	01/1948	05/1977	97	30
155	Bulverde	1215	Comal	1,100	29°44'	98°27'	02/1940	12/2001	97	62
156	Bunker Hill	1224	Dallam	4,348	36°09'	102°56'	01/1948	07/1990	94	43
157	Bunton Ranch	1227	Presidio*	4,403	29°54'	104°17'	02/1948	04/1949	17	2
158	Burkburnett 2 NE	1236	Wichita	953	34°07'	98°32'	06/1996	12/2001	93	6
159	Burkett	1239	Coleman	1,555	31°59'	99°13'	03/1948	12/2001	89	54
160	Burleson	1246	Johnson	730	32°33'	97°19'	04/1985	12/2001	96	17
161	Burleson 2 SSW	1245	Johnson	771	32°31'	97°20'	01/1948	01/1985	97	38
162	Burlington 3 WSW	1248	Milam	410	31°00'	97°02'	01/1948	04/1975	96	28
163	Burnet	1250	Burnet	1,275	30°44'	98°14'	12/1896	12/2001	91	103
164	Burnet 9 WSW	1253	Burnet	880	30°44'	98°25'	08/2000	12/2001	71	2
165	Bushland 1 WSW	1267	Potter	3,819	35°11'	102°04'	06/1948	09/1951	81	4
166	Byrds 1 NNE	1285	Brown	1,450	31°56'	99°02'	03/1948	12/1965	96	18
167	Cadiz	1304	Bee*	351	28°26'	97°57'	06/1948	09/1951	83	4
168	Caldwell	1314	Burleson	365	30°32'	96°42'	03/1963	12/2001	99	39
169	Calhoun	1325	Colorado*	161	29°32'	96°20'	06/1948	09/1951	83	4
170	Callan	1334	Menard	2,123	31°03'	99°43'	03/1948	11/1965	93	18
171	Calliham	1337	McMullen	218	28°29'	98°23'	11/1978	12/2001	94	24
172	Cameron	1348	Milam	364	30°50'	96°58'	02/1908	12/2001	96	94
173	Cameron Ranch	1349	Starr*	459	26°33'	98°35'	04/1941	09/1946	90	6
174	Camp San Saba	1385	McCulloch	1,690	31°00'	99°16'	03/1948	12/1965	94	18
175	Camp Verde 3 W	1395	Kerr	1,800	29°53'	99°08'	02/1997	12/2001	76	5
176	Camp Wood	1398	Real	1,470	29°40'	100°01'	03/1944	12/2001	96	57
177	Canadian	1412	Hemphill	2,300	35°54'	100°23'	11/1906	11/2001	93	95
178	Canadian No. 2	1413	Hemphill	2,440	35°54'	100°22'	08/1946	02/1949	23	4
179	Candelaria	1416	Presidio	2,875	30°08'	104°40'	02/1948	12/2001	99	54
180	Canton	1425	Van Zandt	490	32°33'	95°52'	01/1948	06/2001	91	50
181	Canyon	1430	Randall	3,590	34°58'	101°55'	04/1923	12/2001	98	79
182	Canyon Dam	1429	Comal	1,000	29°52'	98°11'	06/1961	12/2001	93	41
183	Canyon Dam No. 1	1431	Comal	980	29°51'	98°17'	08/1996	12/2001	88	6
184	Canyon Dam No. 7	1438	Comal	978	29°55'	98°13'	10/1990	04/1993	59	4
185	Capps	1437	Moore*	3,304	36°03'	101°38'	05/1948	12/1956	67	9
186	Capps Ranch	1439	Mason*	1,703	30°50'	99°07'	03/1948	05/1959	52	12
187	Carbon	1451	Eastland	1,590	32°16'	98°50'	11/2001	12/2001	17	1
188	Carr Ranch	1481	Gillespie	2,001	30°10'	99°07'	07/1920	11/1961	97	42
189	Carrizo Springs	1486	Dimmit	613	28°29'	99°52'	04/1912	12/2001	93	78
190	Carrollton	1490	Dallas	545	32°59'	96°55'	01/1948	03/2001	96	54
191	Carta Valley 4 W	1492	Val Verde	1,780	29°48'	100°44'	08/1963	12/2000	92	38
192	Carthage	1500	Panola	340	32°08'	94°21'	01/1908	12/2001	96	52
193	Case Ranch 3 S	1511	Sterling	2,192	31°38'	101°02'	03/1948	12/1983	93	36
194	Castell	1521	Llano	1,211	30°42'	98°58'	03/1948	02/1980	53	33
195	Castolon	1524	Brewster	2,169	29°08'	103°30'	02/1947	12/2001	93	28
196	Catarina	1528	Dimmit	560	28°20'	99°37'	04/1959	10/2001	92	43
197	Cedar Creek 4 SE	1541	Bastrop	470	30°02'	97°27'	04/1978	12/2001	96	23
198	Celina	1573	Collin	679	33°19'	96°48'	01/1948	02/1983	96	36
199	Center	1578	Shelby	325	31°48'	94°09'	07/1922	12/2001	95	66
200	Center City	1580	Mills	1,365	31°28'	98°25'	05/1963	12/2001	99	39

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201	Centerville	1596	Leon	320	31°15'	95°58'	05/1937	12/2001	97	65
202	Chalk	1622	Cottle	1,780	33°53'	100°13'	09/1990	12/1991	66	2
203	Chalk Mountain	1625	Erath	1,150	32°09'	97°56'	04/1963	12/2001	99	39
204	Chambers Hill Guard Station	1632	Sabine*	351	31°28'	93°50'	01/1948	03/1952	76	5
205	Chancellor	1641	Pecos*	3,402	30°42'	103°11'	06/1948	09/1951	26	4
206	Channing	1646	Hartley	3,800	35°41'	102°20'	08/1904	09/1951	73	11
207	Channing 11 NE	1650	Moore	3,725	35°46'	102°09'	03/1990	07/1991	71	2
208	Channing 2	1649	Hartley	3,790	35°41'	102°19'	05/1967	12/2001	90	25
209	Chapman Ranch	1651	Nueces	25	27°35'	97°27'	04/1959	12/2001	97	43
210	Chappel	1655	San Saba*	1,240	31°04'	98°34'	03/1948	12/1959	98	12
211	Charlie	1659	Clay	950	34°06'	98°19'	06/1996	12/2001	93	6
212	Charlotte 5 NNW	1663	Atascosa	441	28°55'	98°44'	07/1962	12/2001	98	40
213	Cheapside	1671	Gonzales	310	29°18'	97°20'	06/1948	12/2001	87	10
214	Cherokee	1680	San Saba	1,490	30°59'	98°43'	06/1948	09/1951	80	4
215	Childress 13 NW	1697	Childress	1,713	34°34'	100°20'	02/1975	06/1978	54	4
216	Childress 2	1694	Childress	1,940	34°25'	100°12'	11/1997	12/2001	83	5
217	Childress 3 WSW	1696	Childress	1,972	34°26'	100°15'	01/1897	12/1946	94	44
218	Childress Municipal Airport	1698	Childress	1,951	34°25'	100°17'	01/1948	12/2001	96	53
219	Childress Ranch	1699	Jeff Davis*	*4,413	31°00'	104°02'	01/1948	01/1948	8	1
220	Chillicothe 2 NE	1701	Hardeman	1,401	34°15'	99°31'	09/1906	03/1975	96	70
221	Chireno	1711	Nacogdoches	330	31°30'	94°21'	02/1989	12/2001	99	13
222	Chisos Basin	1715	Brewster	5,300	29°16'	103°18'	02/1947	12/2001	98	55
223	Choke Canyon Dam	1720	Live Oak	230	28°28'	98°15'	10/1983	12/2001	94	19
224	Christoval	1735	Tom Green	2,031	31°12'	100°29'	03/1948	12/1965	93	18
225	Cibolo Creek	1741	Karnes	312	29°01'	97°56'	01/1948	10/1982	92	35
226	Clarendon	1761	Donley	2,700	34°55'	100°53'	05/1904	12/2001	95	96
227	Clarksville 1 W	1773	Red River	426	33°36'	95°01'	06/1948	09/1951	82	4
228	Clarksville 2 NE	1772	Red River	435	33°36'	95°04'	03/1903	12/2001	96	97
229	Classens Ranch	1777	Bexar	1,001	29°39'	98°22'	01/1947	05/1972	96	26
230	Claude	1778	Armstrong	3,395	35°06'	101°21'	10/1904	12/2001	89	98
231	Cleburne	1800	Johnson	783	32°20'	97°24'	01/1907	12/2001	96	94
232	Cleburne 7 SE	1804	Johnson	830	32°19'	97°18'	03/1995	12/2001	98	7
233	Cleveland	1810	Liberty	196	30°21'	95°05'	06/1954	12/2001	99	48
234	Clifton 2	1824	Bosque	765	31°47'	97°35'	01/1992	10/1994	94	3
235	Clifton 9 E	1823	Bosque	669	31°48'	97°26'	03/1911	07/1975	98	65
236	Cline	1832	Uvalde	1,001	29°15'	100°05'	06/1940	04/1957	87	18
237	Clodine	1838	Fort Bend	87	29°42'	95°41'	01/1943	12/2001	91	56
238	Cloudt Ranch	1843	Edwards	2,251	30°11'	100°22'	01/1949	08/1964	73	16
239	Coldspring 5 SSW	1870	San Jacinto	355	30°32'	95°09'	06/1954	12/2001	99	48
240	Coldwater	1874	Dallam	4,134	36°24'	102°34'	03/1941	10/1983	85	42
241	Coleman	1875	Coleman	1,727	31°49'	99°25'	12/1896	12/2001	98	105
242	College Station Easterwood	1889	Brazos	314	30°35'	96°21'	08/1951	12/2001	98	49
243	College Station 6 SW	1888	Brazos	175	30°32'	96°25'	10/1901	05/1984	94	60
244	College Station Agricultural Experiment Station	1891	Burleson	225	30°33'	96°26'	06/1981	08/1981	25	1
245	Colorado City	1903	Mitchell	2,105	32°23'	100°53'	07/1898	12/2001	93	78
246	Columbus	1911	Colorado	199	29°43'	96°32'	04/1915	12/2001	98	56
247	Comanche	1914	Comanche	1,345	31°54'	98°35'	04/1901	12/2001	95	88
248	Comfort 2	1920	Kendall	1,435	29°57'	98°53'	08/1996	12/2001	90	6
249	Commerce 4 SW	1921	Hunt	550	33°12'	95°56'	08/1948	12/2001	82	10
250	Comstock	1925	Val Verde	1,584	29°41'	101°11'	11/1903	09/1987	81	25
251	Comstock 11 WNW	1926	Val Verde	1,260	29°42'	101°21'	03/1992	01/1993	33	2
252	Concepcion 3 S	1932	Duval	260	27°21'	98°22'	05/1941	07/2001	79	8

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
253	Concho Park Ivie Reservoir	1934	Concho	1,575	31°33'	99°42'	03/1998	12/2001	96	4
254	Conlen	1946	Dallam	3,820	36°14'	102°14'	01/1948	12/2001	99	54
255	Conroe	1956	Montgomery	245	30°20'	95°29'	01/1948	12/2001	98	54
256	Cooper	1970	Delta	480	33°22'	95°41'	01/1948	02/2001	92	54
257	Coopers Store	1972	Brewster*	2,904	29°35'	103°08'	02/1948	04/1951	42	4
258	Cope Ranch	1974	Reagan	2,480	31°31'	101°16'	03/1948	12/2001	99	54
259	Copper Breaks State Park	1995	Hardeman	1,475	34°06'	99°44'	05/1989	12/2001	95	13
260	Copperas Cove	1984	Coryell	1,070	31°07'	97°54'	09/1915	07/1983	92	66
261	Copperas Cove 2	1986	Coryell	1,240	31°07'	97°55'	02/1966	01/1970	80	5
262	Copperas Cove 5 NW	1990	Coryell	1,230	31°10'	97°58'	08/1983	12/2001	97	19
263	Cornudas Service Station	2012	Hudspeth	4,480	31°47'	105°28'	05/1948	05/2001	94	54
264	Corpus Christi	2014	Nueces	10	27°48'	97°24'	12/1946	08/1980	93	35
265	Corpus Christi WSO Airport	2015	Nueces	41	27°46'	97°30'	01/1948	12/2001	100	54
266	Corrigan 1 ENE	2017	Polk	200	30°59'	94°49'	01/1992	12/2001	91	10
267	Corsicana	2019	Navarro	413	32°06'	96°28'	01/1897	12/2001	98	102
268	Corsicana 8 E	2020	Navarro	376	32°07'	96°20'	01/1992	12/2001	100	10
269	Coryell City	2024	Coryell	971	31°33'	97°37'	06/1948	09/1951	49	4
270	Cottonwood	2040	Gillespie	2,235	30°09'	99°08'	07/1962	12/2001	97	40
271	Cottonwood Dam No. 2	2043	El Paso	*3,910	31°32'	106°04'	06/1948	11/1948	42	1
272	Cottonwood Dam 1	2042	El Paso*	3,852	31°33'	106°05'	09/1948	03/1949	21	2
273	Cotulla	2048	La Salle	452	28°27'	99°13'	06/1901	12/2001	94	93
274	Cotulla FAA Airport	2050	La Salle	463	28°27'	99°13'	10/1949	10/1981	94	33
275	Cotulla Hillje Ranch	2051	La Salle	331	28°14'	99°04'	04/1956	10/1964	82	8
276	Cox Ranch	2066	Concho	1,903	31°21'	99°53'	03/1948	12/1965	98	18
277	Crabb 2 W	2073	Fort Bend*	112	29°32'	95°45'	06/1948	09/1951	77	4
278	Crandall	2080	Kaufman	425	32°38'	96°27'	09/1960	01/1994	93	35
279	Crane 10 N	2084	Crane	2,630	31°40'	102°20'	11/1999	12/2001	67	3
280	Crane 2 E	2082	Crane	2,602	31°24'	102°18'	05/1928	12/2001	94	48
281	Cranfills Gap	2086	Bosque	975	31°46'	97°50'	07/1948	12/2001	86	14
282	Crawford	2088	McLennan	705	31°32'	97°26'	01/1992	12/2001	73	5
283	Cresson	2096	Hood	1,050	32°32'	97°37'	06/1948	12/2001	98	54
284	Crider Ranch	2104	Real	2,323	30°04'	99°44'	01/1948	05/1975	93	28
285	Crockett	2114	Houston	347	31°18'	95°27'	08/1904	09/2001	97	92
286	Crosbyton	2121	Crosby	3,010	33°35'	101°14'	01/1897	12/2001	98	104
287	Cross	2125	McMullen	285	28°35'	98°33'	01/1997	12/2001	100	5
288	Cross Plains 1	2128	Callahan	1,742	32°07'	99°10'	04/1939	09/1976	95	38
289	Cross Plains 2	2131	Callahan	1,790	32°07'	99°09'	06/1948	09/1951	78	4
290	Crowell	2142	Foard	1,455	33°59'	99°43'	08/1916	12/2001	97	86
291	Crystal City	2160	Zavala	580	28°40'	99°49'	07/1948	12/2001	99	54
292	Cuero	2170	DeWitt*	180	29°04'	97°17'	01/1948	12/1953	100	6
293	Cuero	2173	DeWitt	178	29°05'	97°19'	12/1901	12/2001	97	100
294	Cypress	2206	Harris	150	29°58'	95°42'	01/1948	12/2001	97	53
295	Cypress Mill	2210	Blanco	922	30°23'	98°15'	03/1948	09/1964	96	17
296	Dacus	2218	Montgomery	240	30°25'	95°47'	06/1954	12/2001	98	48
297	Daingerfield 9 S	2225	Morris	300	32°55'	94°43'	01/1948	12/2001	99	54
298	Dallas-Fort Worth International Airport	2242	Tarrant	560	32°53'	97°01'	01/1974	12/2001	100	28
299	Dalhart	2238	Dallam*	4,003	36°05'	102°29'	04/1948	12/1948	64	1
300	Dalhart 6 SW	2235	Hartley	4,000	36°00'	102°36'	08/1988	12/2001	95	14
301	Dalhart Experiment Station	2239	Hartley*	4,003	36°01'	102°35'	11/1905	12/1953	94	49
302	Dalhart FAA Airport	2240	Hartley	3,990	36°01'	102°32'	12/1948	12/2001	98	54
303	Dallas Arboretum	2228	Dallas	495	32°49'	96°43'	04/1989	07/1990	67	2
304	Dallas Love Field	2244	Dallas	440	32°51'	96°51'	01/1897	12/2001	97	71

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
305	Dallas WFAA	2247	Dallas*	479	32°46'	96°47'	11/1941	04/1951	53	8
306	Danevang 1 W	2266	Wharton	70	29°03'	96°13'	01/1897	12/2001	98	104
307	Darrouzett	2282	Lipscomb	2,540	36°26'	100°19'	11/1941	12/2001	95	61
308	Davilla 2 N	2295	Milam	556	30°48'	97°16'	01/1948	12/2001	90	54
309	Dawson	2309	Navarro*	479	31°54'	96°43'	06/1948	09/1951	80	4
310	De Leon 6 W	2350	Comanche	1,330	32°06'	98°39'	01/1992	12/2001	85	10
311	De Long Ranch	2317	Schleicher*	2,402	30°59'	100°48'	04/1948	11/1958	95	11
312	Decatur	2334	Wise	1,025	33°13'	97°35'	10/1904	12/2001	91	56
313	Decatur 2 SSW	2338	Wise	922	33°12'	97°36'	01/1966	09/1972	96	7
314	Decatur 7 N	2336	Wise*	902	33°20'	97°35'	06/1948	09/1951	77	4
315	Dekalb	2352	Bowie	400	33°38'	94°38'	01/1948	12/2001	95	54
316	Del Rio 2 NW	2361	Val Verde	1,080	29°25'	100°54'	08/1996	12/2001	90	6
317	Del Rio 3 S	2362	Val Verde*	879	29°20'	100°53'	01/1948	02/1954	64	7
318	Del Rio Airport	2360	Val Verde	999	29°22'	100°55'	05/1951	12/2001	98	46
319	Del Rio Webb City	2357	Val Verde*	961	29°22'	100°54'	02/1946	02/1963	79	13
320	Dell City 5 SSW	2354	Hudspeth	3,770	31°52'	105°14'	07/1979	12/2001	95	23
321	Denison Dam	2394	Grayson	613	33°49'	96°34'	02/1940	06/1997	98	58
322	Denison Highway 60 Bridge	2397	Grayson*	551	33°49'	96°32'	05/1909	05/1949	93	37
323	Denton	2403	Denton	659	33°14'	97°08'	03/1949	01/1965	86	17
324	Denton 2 SE	2404	Denton	630	33°11'	97°06'	06/1913	12/2001	97	89
325	Denver City	2408	Yoakum	3,590	32°57'	102°49'	05/1986	12/2001	78	15
326	Deport 4 NW	2415	Lamar	436	33°33'	95°22'	06/1948	03/2001	81	22
327	Derby 1 S	2417	Frio	470	28°45'	99°08'	04/1978	12/2001	93	24
328	Devine	2430	Medina*	689	29°09'	98°54'	07/1948	05/1954	38	7
329	Deweyville 5 S	2436	Orange	20	30°14'	93°44'	05/1954	04/1986	96	33
330	Dialville 2 W	2444	Cherokee	616	31°54'	95°15'	09/1897	12/2001	96	104
331	Dickens	2448	Dickens	2,575	33°37'	100°50'	06/1964	10/1984	87	21
332	Dilley	2458	Frio	550	28°40'	99°10'	03/1910	12/2001	98	89
333	Dime Box	2462	Lee	335	30°21'	96°50'	10/1941	12/2001	96	61
334	Dimmitt 2 N	2464	Castro	3,850	34°35'	102°18'	05/1959	12/2001	98	43
335	Dimmitt 6 E	2463	Castro	3,812	34°33'	102°13'	01/1923	06/1985	97	63
336	Divide School	2478	Kerr*	2,552	30°07'	99°37'	12/1941	02/1948	71	8
337	Doole 6 NNE	2527	McCulloch	1,450	31°29'	99°34'	04/1948	07/1979	94	32
338	Doss	2541	Gillespie	1,801	30°27'	99°08'	03/1948	12/1965	88	18
339	Douglass 1 S	2558	Nacogdoches	385	31°38'	94°53'	08/1983	12/2001	89	15
340	Dripping Springs 6 E	2585	Hays	1,120	30°12'	97°58'	12/1984	12/2001	95	18
341	Dryden	2590	Terrell	2,190	30°03'	102°07'	06/1966	10/1994	92	29
342	Dryden 10 NE	2593	Terrell	2,280	30°12'	101°50'	05/1937	08/1993	86	13
343	Dryer 1 NW	2595	Gonzales	302	29°23'	97°16'	02/1940	04/1975	97	36
344	Dublin	2598	Erath	1,502	32°06'	98°20'	11/1898	12/2001	92	102
345	Dublin near SCS 7	2599	Erath*	1,470	32°06'	98°15'	08/1941	06/1943	44	3
346	Dumas	2617	Moore	3,655	35°52'	101°58'	01/1937	12/2001	91	65
347	Dumas 8 NE	2619	Moore	3,553	35°57'	101°53'	06/1948	09/1951	82	4
348	Dumont	2621	King	2,010	33°48'	100°31'	05/1971	12/2001	99	31
349	Duncan Wilson Ranch	2630	Schleicher	2,120	30°48'	100°10'	02/1966	11/1996	98	31
350	Dundee 6 NNW	2633	Archer	1,051	33°48'	98°55'	06/1922	12/2001	96	80
351	Dunk Ranch	2636	Kimble*	2,201	30°22'	99°36'	03/1948	09/1958	96	11
352	E V Ranch	3013	Jeff Davis*	4,423	30°53'	104°27'	02/1919	06/1923	73	4
353	EADS	2669	Smith*	522	32°34'	95°25'	01/1948	01/1958	81	11
354	Eagle Mountain Lake	2677	Tarrant	760	32°52'	97°26'	04/1978	12/2001	86	22
355	Eagle Mountain Lake Dam	2678	Tarrant	679	32°53'	97°28'	07/1940	04/1975	90	34
356	Eagle Pass	2679	Maverick	808	28°42'	100°28'	02/1900	12/2001	97	101

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357	Eastland	2715	Eastland	1,433	32°23'	98°49'	04/1904	12/2001	94	92
358	Eden 1	2741	Concho	2,064	31°13'	99°50'	04/1923	02/1983	92	56
359	Eden 2	2744	Concho	2,070	31°13'	99°51'	06/1948	10/1986	76	8
360	Edinburg	2758	Hidalgo	96	26°17'	98°09'	06/1948	05/1950	66	3
361	Edmonson	2766	Hale*	3,481	34°17'	101°54'	02/1947	06/1947	41	1
362	Edna 3 SW	2769	Jackson	69	28°57'	96°41'	07/1909	02/1968	97	60
363	Edna 7 NW	2770	Jackson	70	29°03'	96°45'	12/1995	12/2001	86	7
364	Edna Highway 59 Bridge	2768	Jackson	68	28°58'	96°41'	03/1968	11/1995	94	28
365	Edom	2772	Van Zandt	508	32°22'	95°37'	04/1940	12/2001	98	62
366	Egypt	2780	Wharton*	131	29°24'	96°14'	05/1921	05/1928	86	8
367	El Campo	2786	Wharton	112	29°12'	96°17'	10/1941	04/1974	93	34
368	El Indio	2824	Maverick	700	28°30'	100°18'	09/1978	12/2001	96	24
369	El Paso No. 2	2793	El Paso	3,918	31°48'	106°22'	08/2001	12/2001	34	1
370	El Paso 32 ENE	2794	Hudspeth	5,240	31°50'	105°57'	11/1983	12/2001	94	19
371	El Paso Airport	2797	El Paso	3,918	31°48'	106°22'	01/1948	12/2001	100	54
372	Eldorado 11 NW	2812	Schleicher	2,490	30°58'	100°42'	12/1958	06/1981	93	24
373	Eldorado 11 SW	2813	Schleicher*	2,431	30°47'	100°46'	02/1949	09/1951	17	3
374	Eldorado 12 N	2815	Schleicher	2,380	31°02'	100°35'	08/1999	12/2001	80	3
375	Eldorado 19 SW	2814	Schleicher*	2,362	30°44'	100°53'	09/1941	09/1975	89	33
376	Eldorado 2 SE	2792	Schleicher	2,434	30°50'	100°35'	09/1981	08/1989	89	9
377	Electra	2818	Wichita	1,216	34°02'	98°55'	01/1948	10/2001	92	54
378	Elgin	2820	Bastrop	579	30°20'	97°22'	02/1962	12/2001	100	40
379	Elmax Ranch	2830	Kendall	1,524	29°53'	98°39'	01/1986	07/1986	50	1
380	Elmendorf	2850	Bexar	702	29°25'	98°20'	05/1916	04/1920	78	5
381	Emory	2902	Rains	435	32°51'	95°46'	05/1897	12/2001	87	60
382	Emory 8 S	2904	Van Zandt	370	32°46'	95°45'	08/1992	07/1993	40	2
383	Encinal	2906	Webb	590	28°02'	99°25'	11/1907	12/2001	93	95
384	Engleman Gardens	2917	Hidalgo	69	26°20'	98°01'	09/1946	02/1970	89	25
385	Ennis	2925	Ellis	525	32°20'	96°38'	05/1940	12/1991	96	49
386	Eola	2934	Concho*	*1,791	31°24'	100°05'	08/1911	11/1912	33	2
387	Era	2941	Cooke*	951	33°30'	97°18'	09/1946	08/1953	71	8
388	Estelle	2965	Dallas*	*549	32°52'	97°01'	01/1897	12/1904	96	7
389	Euless	2983	Tarrant*	551	32°49'	97°06'	02/1946	05/1953	33	3
390	Evadale	3000	Jasper	33	30°20'	94°05'	09/1946	12/2001	98	49
391	Evant 1 SSW	3005	Coryell	1,245	31°28'	98°10'	10/1941	12/2001	91	48
392	Exxon Gas Plant	3025	Kleberg	84	27°28'	97°47'	07/1998	10/2001	71	4
393	Fabens 1	3033	El Paso	3,612	31°30'	106°09'	06/1948	09/1977	97	30
394	Fabens 2	3034	El Paso*	3,652	31°31'	106°09'	07/1949	07/1949	8	1
395	Fair Oaks Ranch	3038	Comal	1,302	29°45'	98°38'	12/1946	01/1973	89	28
396	Fairfield 3 W	3047	Freestone	432	31°43'	96°12'	03/1941	12/2001	90	60
397	Falcon Dam	3060	Starr	320	26°33'	99°08'	07/1962	12/2001	97	40
398	Falfurrias	3063	Brooks	120	27°12'	98°07'	03/1907	12/2001	97	95
399	Falls City 7 WSW	3065	Karnes	343	28°57'	98°06'	08/1946	12/2001	96	56
400	Farmersville	3080	Collin	630	33°10'	96°22'	09/1947	12/2001	96	55
401	Farnsworth 3 NNW	3085	Ochiltree*	3,002	36°22'	100°59'	01/1941	01/1958	88	18
402	Fawcett Ranch	3103	Val Verde*	1,503	29°52'	100°54'	06/1948	02/1949	33	2
403	Fedor	3112	Lee	483	30°18'	97°03'	03/1963	12/2001	95	39
404	Ferris	3133	Ellis	470	32°31'	96°40'	01/1940	12/2001	94	60
405	Fife	3142	McCulloch	1,391	31°23'	99°22'	08/1941	07/1975	93	35
406	Fischers store	3156	Comal	1,160	29°58'	98°15'	04/1941	12/2001	97	61
407	Flat	3171	Coryell	835	31°19'	97°38'	08/1951	12/2001	92	11
408	Flatonia	3183	Fayette	520	29°40'	97°06'	01/1908	12/2001	99	94

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
409	Fletcher Ranch	3189	Presidio*	4,852	30°10'	104°12'	06/1948	09/1951	83	4
410	Flint	3192	Smith*	479	32°12'	95°21'	02/1910	08/1949	99	40
411	Flomot 4 NE	3196	Motley	2,360	34°16'	100°56'	08/1946	12/2001	94	56
412	Florence 3 SE	3199	Williamson	970	30°48'	97°45'	03/1963	12/2001	97	39
413	Floresville	3201	Wilson	400	29°07'	98°09'	06/1916	12/2001	96	86
414	Flour Bluff	3210	Nueces	9	27°36'	97°17'	09/1988	07/1998	85	11
415	Floydada	3214	Floyd	3,220	33°59'	101°20'	04/1911	12/2001	93	63
416	Floydada 9 SE	3215	Floyd	3,130	33°52'	101°14'	01/1947	12/2001	96	55
417	Flying V Ranch	3218	San Saba*	1,631	31°05'	98°45'	06/1948	12/1959	70	12
418	Follett	3225	Lipscomb	2,769	36°26'	100°08'	06/1930	06/2001	95	72
419	Forestburg 5 S	3247	Montague	1,110	33°27'	97°34'	01/1897	12/2001	97	64
420	Forsan	3253	Howard	2,750	32°06'	101°21'	04/1949	12/2001	99	53
421	Fort Davis	3262	Jeff Davis	4,880	30°39'	103°53'	01/1902	12/2001	95	90
422	Fort Hancock 8 SSE	3266	Hudspeth	3,905	31°11'	105°44'	07/1966	12/2001	88	36
423	Fort McIntosh	3267	Webb*	459	27°30'	99°31'	01/1897	12/1931	96	33
424	Fort McKavett 14 NW	3271	Schleicher	2,280	30°57'	100°16'	12/1958	03/1962	15	4
425	Fort Stockton	3280	Pecos	3,000	30°54'	102°54'	05/1940	12/2001	95	61
426	Fort Stockton 1	3277	Pecos*	3,051	30°53'	102°53'	01/1897	12/1948	96	51
427	Fort Worth Clear Fork	3287	Tarrant	533	32°44'	97°22'	08/1947	08/1947	8	1
428	Fort Worth Leonard Boulevard	3286	Tarrant	659	32°44'	97°20'	07/1953	08/1966	94	14
429	Fort Worth Meacham Field	3284	Tarrant	687	32°49'	97°21'	09/1946	12/2001	87	17
430	Fort Worth WB Airport	3283	Tarrant	574	32°50'	97°03'	01/1897	12/1973	90	27
431	Fort Worth WSFO	3285	Tarrant	644	32°50'	97°18'	08/1948	12/2001	88	12
432	Four Notch Guard Station	3298	Walker	302	30°39'	95°25'	07/1940	12/1964	95	25
433	Fowlerton	3299	La Salle	320	28°28'	98°49'	06/1913	12/2001	88	85
434	Franklin	3321	Robertson	469	31°02'	96°29'	04/1962	12/2001	93	40
435	Frankston 3 WNW	3325	Anderson	430	32°04'	95°33'	12/1963	10/1966	71	4
436	Fredericksburg	3329	Gillespie	1,685	30°14'	98°54'	12/1896	12/2001	97	82
437	Freeport 2 NW	3340	Brazoria	8	28°59'	95°23'	01/1931	12/2001	98	71
438	Freer	3341	Duval	510	27°54'	98°37'	12/1947	12/2001	93	55
439	Freer 18 WNW	3344	Webb	336	27°56'	98°52'	07/1978	12/2001	93	24
440	Frio Town	3366	Frio	630	29°02'	99°19'	09/1947	11/1979	91	28
441	Friona	3368	Parmer	4,010	34°38'	102°42'	11/1927	12/2001	91	71
442	Frisco	3370	Collin	740	33°09'	96°49'	11/1966	12/2001	97	36
443	Frost	3379	Navarro	522	32°05'	96°48'	10/1946	02/1985	89	40
444	Fort McKavett	3257	Menard	2,310	30°49'	100°06'	08/1997	12/2001	88	5
445	Funk Ranch	3401	Irion	2,070	31°29'	100°48'	03/1948	12/2001	97	54
446	Gageby 3 WNW	3410	Hemphill	2,800	35°37'	100°23'	06/1948	09/1951	81	4
447	Gail	3411	Borden	2,530	32°46'	101°26'	01/1897	09/2001	88	71
448	Gainesville	3415	Cooke	780	33°38'	97°08'	01/1897	03/1987	97	89
449	Gainesville 5 ENE	3420	Cooke	870	33°38'	97°03'	05/1987	12/2001	97	15
450	Galveston	3430	Galveston	10	29°20'	94°46'	01/1897	09/2001	92	61
451	Galveston WB Airport	3431	Galveston	5	29°16'	94°52'	07/1948	09/1963	95	16
452	Garcia Lake	3441	Deaf Smith*	4,203	34°53'	103°01'	06/1948	06/1951	28	3
453	Garcia Lake 12 ENE	3442	Deaf Smith	4,134	34°55'	102°44'	07/1965	05/1971	82	7
454	Garden City	3445	Glasscock	2,640	31°51'	101°28'	10/1912	12/2001	97	90
455	Garden City 16 E	3446	Sterling	2,461	31°50'	101°12'	04/1949	09/1951	81	3
456	Garlington Ranch	3462	Sterling*	*2,620	31°55'	100°53'	06/1948	08/1948	18	1
457	Garner State Park	3463	Uvalde*	1,401	29°35'	99°44'	07/1948	05/1950	31	3
458	Gary	3472	Panola*	289	32°02'	94°22'	06/1940	01/1958	90	19
459	Gaston	3480	Fort Bend*	102	29°43'	95°44'	09/1947	01/1951	61	5
460	Gatesville 4 SSE	3485	Coryell	760	31°23'	97°43'	02/1900	12/2001	94	95

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
461	George West 2 SSW	3508	Live Oak	262	28°18'	98°07'	01/1916	12/2001	98	86
462	Georgetown	3506	Williamson	748	30°38'	97°41'	12/1896	01/1983	90	54
463	Georgetown Lake	3507	Williamson	840	30°41'	97°43'	07/1981	12/2001	97	21
464	Giddings 5 E	3525	Lee	550	30°11'	96°51'	03/1940	12/2001	99	62
465	Gilmer	3547	Upshur*	371	32°44'	94°57'	12/1950	09/1956	77	7
466	Gilmer 4 WNW	3546	Upshur	390	32°44'	95°02'	03/1929	12/2001	98	73
467	Girvin	3557	Pecos	2,313	31°04'	102°24'	09/1947	04/1979	92	33
468	Glade	3564	Tarrant*	*589	32°53'	97°06'	06/1948	09/1951	68	4
469	Gladewater 3 WSW	3565	Gregg	244	32°31'	94°57'	09/1946	05/1976	87	31
470	Glen Cove 2 NE	3579	Coleman	2,090	31°52'	99°37'	10/2001	12/2001	25	1
471	Glen Rose 2 W	3591	Somervell	655	32°14'	97°47'	12/1963	09/2000	96	38
472	Glenfawn	3585	Rusk*	351	31°55'	94°51'	05/1949	08/1958	92	10
473	Gold	3605	Gillespie	1,640	30°20'	98°41'	03/1948	12/2001	97	54
474	Goldthwaite 1 WSW	3614	Mills	1,500	31°27'	98°35'	04/1923	12/2001	97	71
475	Goliad	3618	Goliad	142	28°40'	97°24'	09/1912	12/2001	97	90
476	Goliad 1 SE	3620	Goliad	160	28°39'	97°23'	04/1949	12/2001	94	53
477	Goliad 6 NE	3619	Goliad*	151	28°43'	97°20'	07/1948	12/1959	96	12
478	Gonzales 1 N	3622	Gonzales	380	29°32'	97°27'	04/1915	12/2001	99	64
479	Gonzales 10 SW	3624	Gonzales	365	29°26'	97°31'	02/1997	12/2001	98	5
480	Gonzales 2	3623	Gonzales	302	29°30'	97°27'	11/1948	12/1964	91	17
481	Goose Creek	3640	Harris	20	29°44'	94°58'	10/1921	08/1956	96	36
482	Gordon 1 SW	3639	Palo Pinto	1,050	32°32'	98°23'	10/1991	12/2001	92	11
483	Gordonville	3642	Grayson	755	33°47'	96°51'	06/1948	12/2001	87	10
484	Gorman 2 NNE	3646	Eastland	1,380	32°14'	98°39'	09/1951	05/1999	83	9
485	Gouldbusk	3654	Coleman*	1,503	31°33'	99°29'	04/1948	02/1954	33	7
486	Graham	3668	Young	1,050	33°06'	98°35'	01/1897	12/2001	96	99
487	Granbury 2 ENE	3673	Hood	722	32°27'	97°45'	12/1943	09/1975	90	32
488	Grandfalls 3 SSE	3680	Ward	2,425	31°18'	102°49'	02/1909	11/2001	89	87
489	Granger	3685	Williamson	584	30°43'	97°26'	02/1968	12/2001	94	34
490	Granger Dam	3686	Williamson	565	30°42'	97°20'	07/1980	12/2001	97	22
491	Grapeland	3689	Houston*	479	31°29'	95°29'	09/1935	04/1975	87	40
492	Grapevine Dam	3691	Tarrant	585	32°57'	97°03'	01/1897	12/2001	95	72
493	Greenville KGVL Radio	3734	Hunt	545	33°10'	96°06'	03/1900	12/2001	97	101
494	Groesbeck	3770	Limestone	469	31°31'	96°32'	12/1963	08/1975	90	13
495	Groveton	3778	Trinity	350	31°04'	95°08'	07/1923	12/2001	87	64
496	Gruver	3787	Hansford	3,170	36°15'	101°24'	07/1941	12/2001	97	61
497	Guadalupe Pass CAA Airport	3789	Culberson	5,452	31°50'	104°48'	06/1948	08/1950	74	3
498	Gunter 5 S	3822	Collin	735	33°22'	96°46'	02/1948	11/2000	98	53
499	Guthrie	3828	King	1,740	33°37'	100°19'	09/1947	12/2001	92	53
500	Guyer	3831	Wilbarger	1,161	34°08'	98°56'	06/1948	09/1951	79	4
501	Hackberry	3841	Cottle	1,670	33°56'	100°08'	05/1971	12/1987	82	17
502	Hagansport	3846	Franklin	360	33°20'	95°14'	12/1909	12/2001	94	89
503	Hale Center	3862	Hale*	3,432	34°05'	101°51'	01/1897	11/1957	88	19
504	Hale Center 14 WNW	3864	Hale*	3,533	34°08'	102°03'	12/1946	05/1958	78	13
505	Hall Ranch	3871	Kerr	2,280	30°08'	99°36'	06/1948	09/1951	73	4
506	Hallettsville 2 N	3873	Lavaca	275	29°28'	96°56'	01/1897	12/2001	98	104
507	Hallsville 1 W	3877	Harrison	250	32°30'	94°35'	03/1998	12/2001	95	4
508	Hamilton 2 E	3884	Hamilton	1,260	31°42'	98°05'	08/1915	12/2001	91	48
509	Hamlin 1 SW	3890	Jones	1,720	32°52'	100°07'	10/1910	12/2001	93	75
510	Happy	3922	Swisher*	3,622	34°44'	101°51'	06/1941	11/1947	82	7
511	Harleton	3941	Harrison	345	32°41'	94°34'	05/1949	12/2001	96	53
512	Harlingen	3943	Cameron	38	26°12'	97°40'	05/1911	12/2001	97	89

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513	Harper	3954	Gillespie	2,080	30°18'	99°15'	10/1909	12/2001	96	61
514	Harris Lake	3963	Brazoria	*43	29°15'	95°33'	12/1948	01/1949	5	2
515	Hart	3972	Castro	3,640	34°21'	102°05'	01/1947	12/2001	90	49
516	Hart Jones Ranch	3976	Hale*	1,250	34°17'	102°04'	11/1946	07/1954	84	9
517	Hartley 4 ESE	3981	Hartley	3,905	35°51'	102°19'	10/1947	12/2001	97	55
518	Haskell	3992	Haskell	1,600	33°09'	99°44'	08/1897	12/2001	97	104
519	Haskell 6 NW	3994	Haskell*	1,703	33°14'	99°48'	10/1941	07/1963	92	23
520	Haskell SCS	3995	Haskell*	1,552	33°04'	99°37'	09/1946	08/1948	61	3
521	Hawkins	4020	Wood	335	32°34'	95°12'	04/1924	12/2001	90	54
522	Hawley 3 NE	4026	Jones	1,650	32°39'	99°44'	04/1973	09/1994	92	22
523	Haynes Ranch	4033	Blanco	1,371	30°28'	98°25'	03/1948	11/1958	95	11
524	Heath Canyon	4051	Brewster	1,760	29°26'	102°49'	04/1995	12/2001	95	7
525	Heath Farm	4055	Brown*	1,650	31°44'	99°11'	06/1948	06/1948	8	1
526	Hebbronville	4058	Jim Hogg	580	27°19'	98°41'	03/1905	12/2001	93	96
527	Hemphill	4076	Sabine	300	31°21'	93°50'	06/1967	01/1992	91	26
528	Hemphill 6 NE	4077	Sabine	180	31°24'	93°47'	02/1992	12/2001	96	9
529	Hempstead	4080	Waller	249	30°06'	96°05'	09/1946	09/1978	96	33
530	Henderson	4081	Rusk	420	32°10'	94°47'	07/1908	12/2001	99	94
531	Henly	4088	Hays	1,161	30°12'	98°13'	03/1948	11/1965	97	18
532	Henrietta	4093	Clay	930	33°48'	98°12'	06/1897	12/2001	98	101
533	Hereford	4098	Deaf Smith	3,820	34°49'	102°24'	01/1905	12/2001	95	74
534	Hereford 1 SE	4100	Deaf Smith*	3,822	34°49'	102°24'	06/1948	08/1951	67	4
535	Hewitt	4122	McLennan	660	31°28'	97°12'	05/1879	12/2001	99	116
536	Hext	4123	Menard*	1,923	30°52'	99°32'	06/1948	03/1952	14	3
537	Hico	4137	Hamilton	1,025	31°59'	98°01'	11/1910	12/2001	95	92
538	Hidalgo	4139	Hidalgo*	102	26°06'	98°16'	09/1946	03/1955	70	9
539	Higgins 1 N	4140	Lipscomb	2,578	36°08'	100°01'	11/1907	11/2001	95	57
540	Highbank	4150	Falls*	351	31°10'	96°49'	05/1916	07/1949	65	7
541	Hillsboro	4182	Hill	550	32°01'	97°07'	06/1903	12/2001	97	99
542	Hindes	4191	Atascosa	360	28°43'	98°48'	06/1948	09/1951	81	4
543	Hitchland 6 SSW	4196	Hansford	3,192	36°25'	101°21'	10/1947	10/1973	85	27
544	Hondo	4254	Medina	876	29°20'	99°08'	01/1900	12/2001	98	82
545	Hondo Airport	4256	Medina	920	29°21'	99°10'	03/1975	12/2001	92	25
546	Honey Grove	4257	Fannin	680	33°35'	95°54'	04/1898	12/2001	99	87
547	Hords Creek Dam	4278	Coleman	1,942	31°51'	99°34'	07/1953	12/2001	99	49
548	Horger	4280	Jasper	112	31°00'	94°10'	09/1946	12/1982	97	37
549	Hot Springs	4299	Brewster*	2,201	29°11'	103°00'	07/1948	09/1951	60	4
550	Houston Addicks	4309	Harris	91	29°46'	95°39'	06/1948	04/1951	57	4
551	Houston Alief	4311	Harris	71	29°43'	95°36'	06/1948	12/1964	88	17
552	Houston Barker	4313	Harris	127	29°49'	95°44'	06/1948	12/2001	99	54
553	Houston Barker	520	Harris	131	29°49'	95°44'	01/1948	05/1948	42	1
554	Houston Bush International Airport	4300	Harris	95	29°59'	95°21'	06/1969	12/2001	99	33
555	Houston Deer Park	2348	Harris	*26	29°43'	95°08'	01/1948	05/1948	40	1
556	Houston Deer Park	4315	Harris	35	29°43'	95°08'	08/1945	12/2001	96	57
557	Houston Fairbanks	3043	Harris	89	29°48'	95°30'	09/1947	05/1948	37	2
558	Houston Fairbanks	4317	Harris	89	29°48'	95°31'	06/1948	03/1954	83	7
559	Houston Golf Crest	4319	Harris	49	29°41'	95°17'	06/1948	05/1950	53	3
560	Houston Heights	4310	Harris	59	29°47'	95°26'	10/1947	05/1948	33	2
561	Houston Heights	4321	Harris	65	29°47'	95°26'	06/1948	12/2001	97	50
562	Houston Hobby Airport	4307	Harris	44	29°38'	95°16'	11/1941	12/2001	93	61
563	Houston Independent Heights	4323	Harris	93	29°52'	95°25'	06/1948	06/1995	96	48
564	Houston Jersey Village	4327	Harris	112	29°53'	95°32'	06/1948	12/2001	96	54

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565	Houston NWSO	4333	Galveston	19	29°28'	95°05'	06/1905	12/2001	79	17
566	Houston San Jacinto Dam	4328	Harris	58	29°55'	95°09'	06/1954	09/1996	95	43
567	Houston Satsuma	4329	Harris	122	29°56'	95°38'	03/1923	12/1964	93	26
568	Houston Spring Branch	4331	Harris	92	29°48'	95°30'	04/1954	12/2000	96	45
569	Houston WB City	4305	Harris*	43	29°46'	95°22'	11/1941	10/1969	87	29
570	Houston-Port	4326	Harris	19	29°45'	95°17'	02/1991	12/2001	90	11
571	Houston-Westbury	4325	Harris	65	29°41'	95°28'	06/1948	12/2001	97	51
572	Huckabay	4343	Erath	1,415	32°20'	98°18'	04/1963	12/2001	94	37
573	Hudspeth River Ranch	4348	Val Verde	1,630	29°59'	101°10'	03/1988	12/2001	98	14
574	Humble	4362	Harris	102	30°00'	95°15'	06/1954	05/1985	95	32
575	Humble Pump Station 5 WNW	4363	Sutton	2,200	30°21'	100°18'	03/1948	12/2001	90	53
576	Hunt 10 W	4375	Kerr	2,095	30°02'	99°31'	01/1992	12/2001	99	10
577	Hunt 3 SW	4374	Kerr	1,870	30°01'	99°21'	09/1947	05/1999	96	53
578	Huntsville	4382	Walker	494	30°43'	95°33'	09/1946	12/2001	98	56
579	Hurst Springs	4390	Coryell	1,030	31°39'	97°43'	04/1963	12/2001	99	39
580	Hurt	4392	Hunt*	679	33°13'	95°58'	06/1948	08/1948	20	1
581	Hyatt	4397	Tyler*	112	30°34'	94°24'	09/1946	10/1953	81	8
582	Hye	4402	Blanco	1,456	30°15'	98°34'	03/1948	12/2001	94	54
583	Imperial	4425	Pecos	2,400	31°16'	102°42'	09/1947	09/1993	94	47
584	Independence Heights	4430	Harris	79	29°52'	95°25'	10/1947	05/1948	33	2
585	Indian Gap	4440	Hamilton	1,575	31°40'	98°25'	09/1947	10/1983	97	37
586	Indian Hot Springs	4443	Hudspeth*	3,704	30°51'	105°20'	08/1947	06/1953	28	4
587	Ingram No. 2	4458	Kerr	1,703	30°04'	99°14'	01/1992	12/2001	100	10
588	Iowa Park Experiment Station	4471	Wichita	981	33°55'	98°39'	07/1940	02/1964	94	25
589	Iron Bridge Dam	4483	Rains	450	32°49'	95°55'	05/1975	12/1993	94	19
590	Itasca	4503	Hill	712	32°10'	97°09'	10/1947	06/1949	34	3
591	Itasca	4505	Hill	710	32°10'	97°09'	01/1992	12/2001	100	10
592	Jacksboro	4517	Jack	1,100	33°14'	98°09'	03/1941	12/2001	99	61
593	Jacksonville	4525	Cherokee	560	31°57'	95°16'	09/1953	12/2001	88	48
594	Jacksonville Experiment Station	4524	Cherokee	659	31°59'	95°17'	09/1947	12/1963	95	17
595	James River Ranch	4538	Mason	1,552	30°32'	99°23'	03/1948	12/1975	90	28
596	Jarrell	4556	Williamson	895	30°49'	97°36'	08/1926	12/2001	94	75
597	Jasper	4563	Jasper	290	30°54'	94°00'	09/1878	12/2001	91	62
598	Jasper 2 E	4564	Jasper*	220	30°55'	93°58'	12/1948	11/1952	57	5
599	Jayton	4570	Kent	2,010	33°15'	100°34'	06/1910	12/2001	90	54
600	Jeddo 3 S	4575	Bastrop	415	29°46'	97°19'	09/1947	12/2001	97	55
601	Jefferson	4577	Marion	199	32°46'	94°20'	11/1903	09/2001	96	92
602	Jewett	4591	Leon	510	31°21'	96°09'	01/1904	01/1991	91	46
603	Joe Pool Lake	4597	Dallas	591	32°38'	96°58'	03/1984	12/2001	94	18
604	Johnson City	4605	Blanco	1,232	30°17'	98°25'	10/1964	12/2001	93	36
605	Johnson Ranch	4608	McCulloch	1,850	31°14'	99°29'	04/1948	12/1965	94	18
606	Jones CB Ranch	4627	Schleicher	2,090	30°49'	100°08'	05/1948	05/1964	85	17
607	Jones MW Ranch	4630	Schleicher*	2,280	30°57'	100°16'	03/1948	11/1958	97	11
608	Jourdanton	4647	Atascosa	518	28°54'	98°32'	06/1916	12/2001	93	62
609	Judkins	4661	Ector*	2,904	31°43'	102°38'	10/1947	09/1955	88	9
610	Junction 4 SSW	4670	Kimble	1,747	30°26'	99°48'	01/1897	12/2001	91	92
611	Junction FAA Airport	4671	Kimble	*1,680	30°30'	99°46'	09/1948	06/2001	90	25
612	Juno	4672	Val Verde	1,801	30°09'	101°07'	10/1964	03/1975	82	12
613	Juno 10 NNE	4674	Crockett	2,103	30°17'	101°05'	10/1975	04/1978	47	4
614	Juno 4 S	4675	Val Verde	1,820	30°05'	101°07'	09/1980	05/1999	76	12
615	Justin	4679	Denton	640	33°04'	97°17'	11/2001	12/2001	17	1
616	Kaffie Ranch	4682	Jim Hogg	479	27°05'	98°35'	03/1965	09/1971	86	6

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
617	Kanawha	4688	Red River	515	33°50'	95°15'	05/1996	04/2001	80	6
618	Karnack 6 SW	4693	Harrison	170	32°35'	94°14'	05/1942	05/2000	96	59
619	Karnes City 2 N	4696	Karnes	450	28°54'	97°52'	10/1919	12/2001	95	82
620	Katy	4703	Harris	142	29°47'	95°49'	06/1948	05/1950	64	3
621	Katy City	4704	Harris	153	29°48'	95°49'	04/1952	12/2001	96	47
622	Kaufman 3 SE	4705	Kaufman	420	32°33'	96°16'	10/1901	12/2001	98	101
623	Kempner	4745	Lampasas	925	31°05'	98°00'	05/1963	01/1987	92	22
624	Kendalia	4757	Kendall	1,360	29°57'	98°30'	08/1996	12/2001	89	6
625	Kenedy 1 E	4752	Karnes	279	28°49'	97°51'	08/1948	04/1977	91	30
626	Kennedale 6 SSW	4761	Tarrant	741	32°33'	97°14'	12/1949	01/1981	90	33
627	Kent 5 E	4767	Jeff Davis	4,183	31°04'	104°09'	04/1898	04/1976	79	41
628	Kent 8 SE	4770	Jeff Davis	4,860	31°00'	104°06'	04/1988	12/2001	98	14
629	Kerrville	4780	Kerr	1,640	30°03'	99°09'	01/1897	07/1974	97	75
630	Kerrville 3 NNE	4782	Kerr	1,782	30°04'	99°06'	10/1974	12/2001	97	28
631	Killeen	4791	Bell	801	31°07'	97°42'	01/1912	08/1978	90	33
632	Killeen 3 S	4792	Bell	910	31°04'	97°44'	10/1978	12/2001	90	24
633	Kingsbury	4805	Guadalupe	510	29°41'	97°45'	02/1997	12/2001	93	5
634	Kingston Ranch	4809	Jeff Davis	4,442	30°52'	103°59'	02/1949	01/1952	26	3
635	Kingsville	4810	Kleberg	66	27°31'	97°51'	02/1902	12/2001	89	83
636	Kirbyville	4819	Jasper	200	30°37'	93°55'	01/1929	02/1999	98	58
637	Knapp 2 SW	4841	Scurry	2,290	32°37'	101°09'	08/1931	12/2001	95	70
638	Knox City	4852	Knox	1,532	33°25'	99°49'	06/1935	11/1965	98	31
639	Kopperl 5 NNE	4866	Hill	620	32°08'	97°28'	12/1900	12/2001	79	18
640	Kountze	4878	Hardin	61	30°22'	94°17'	06/1948	12/2001	89	18
641	Kress	4880	Swisher	3,480	34°22'	101°44'	06/1948	09/1951	82	4
642	Kyle SCS 9	4888	Hays	722	30°00'	97°53'	08/1941	05/1942	40	2
643	La Grange	4903	Fayette	357	29°55'	96°52'	06/1910	12/2001	98	92
644	La Joya	4911	Hidalgo	180	26°15'	98°29'	02/1995	12/2001	96	7
645	La Pryor	4920	Zavala	759	28°59'	99°52'	04/1915	12/2001	90	83
646	La Tuna 1 S	4931	El Paso	3,800	31°58'	106°36'	03/1943	12/2001	96	59
647	La Vernia	4934	Wilson*	479	29°22'	98°06'	09/1947	05/1950	62	4
648	Laguna 3 N	4907	Uvalde	1,160	29°27'	100°01'	08/1996	12/2001	87	6
649	Lajitas	4950	Brewster	2,403	29°16'	103°45'	03/1978	11/2001	93	24
650	Lake Abilene	4960	Taylor	1,755	32°13'	99°53'	03/1962	12/2001	98	40
651	Lake Alan Henry	4967	Garza	2,280	33°03'	101°02'	05/1994	12/2001	96	8
652	Lake Bridgeport Dam	4972	Wise	870	33°13'	97°49'	06/1948	12/2001	44	5
653	Lake Coffee Mill	4973	Fannin*	502	33°44'	96°00'	06/1948	09/1951	74	4
654	Lake Colorado City	4974	Mitchell	2,100	32°20'	100°55'	11/1954	03/1993	83	34
655	Lake Dallas	4977	Denton*	522	33°07'	97°02'	10/1947	05/1956	78	10
656	Lake Fork Reservoir	4976	Wood	414	32°49'	95°31'	01/1989	12/2001	100	13
657	Lake Kemp	4982	Baylor	1,167	33°45'	99°08'	04/1962	12/2001	93	34
658	Lake Kickapoo	4978	Archer	1,060	33°40'	98°47'	11/1947	02/1964	87	18
659	Lake Palo Pinto	4979	Palo Pinto	900	32°38'	98°19'	05/1994	12/2001	95	8
660	Lake Ray Hubbard	4914	Kaufman	440	32°48'	96°29'	05/1978	07/1993	82	16
661	Lake Tawakoni	4980	Rains	450	32°49'	95°55'	02/1994	12/2001	97	8
662	Lake Victor 3 W	4981	Burnet	1,401	30°54'	98°14'	03/1948	11/1965	83	18
663	Lamesa 1 SSE	5013	Dawson	2,965	32°43'	101°56'	05/1910	12/2001	97	92
664	Lampasas	5018	Lampasas	1,032	31°04'	98°11'	01/1897	12/2001	98	104
665	Langtry	5048	Val Verde	1,290	29°47'	101°33'	07/1897	12/2001	86	60
666	Langtry 2	5049	Val Verde	1,342	29°48'	101°34'	10/1964	08/1968	71	5
667	Laredo 2	5060	Webb	430	27°34'	99°29'	09/1946	12/2001	94	40
668	Laredo WB Airport	5057	Webb	500	27°32'	99°28'	04/1915	10/1965	89	24

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

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669	Latex	5081	Panola*	302	32°21'	94°06'	10/1947	05/1963	91	17
670	Latimer Ranch	5086	Cottle	1,950	33°53'	100°23'	04/1971	09/1994	97	24
671	Lavon Dam	5094	Collin	510	33°02'	96°29'	07/1949	12/2001	97	53
672	Lawn	5097	Taylor	1,950	32°08'	99°44'	03/1948	12/2001	98	54
673	Leaday	5109	Coleman*	*1,539	31°34'	99°40'	03/1948	12/1965	83	18
674	Leakey	5113	Real	1,622	29°44'	99°45'	02/1997	12/2001	98	5
675	Leakey 2	5114	Real	1,601	29°42'	99°50'	11/1963	01/1971	81	9
676	Leatherwood Ranch	5116	Erath	1,510	32°18'	98°24'	01/1992	12/2001	91	10
677	Lenorah	5158	Martin	2,800	32°18'	101°53'	03/1941	11/2001	94	60
678	Leon Junction	5167	Coryell*	679	31°21'	97°36'	09/1947	08/1948	21	2
679	Levelland	5183	Hockley	3,550	33°35'	102°22'	02/1926	12/2001	94	66
680	Lewisville	5191	Denton*	489	33°03'	97°00'	09/1947	12/1959	92	13
681	Lewisville 2 E	5190	Denton	455	33°03'	96°58'	05/1909	09/1911	77	3
682	Lewisville Dam	3476	Denton	561	33°04'	97°01'	07/1949	12/1963	93	15
683	Lewisville Dam	5192	Denton	556	33°04'	97°00'	02/1964	12/2001	90	37
684	Lexington	5193	Lee	465	30°24'	97°00'	06/1948	12/2001	97	44
685	Liberty	5196	Liberty	35	30°03'	94°47'	05/1904	12/2001	98	98
686	Liberty Hill	5202	Williamson	1,040	30°40'	97°55'	03/1948	11/1965	89	18
687	Ligon Ranch	5211	Llano*	1,401	30°39'	98°34'	03/1948	01/1954	61	7
688	Lillian	5216	Johnson*	751	32°30'	97°11'	09/1947	12/1959	94	13
689	Lillian 3 W	5218	Johnson	745	32°30'	97°14'	03/1981	05/1997	95	17
690	Lindale 5 SE	5228	Smith	551	32°27'	95°22'	02/1931	06/1965	98	35
691	Linden	5229	Cass	415	33°00'	94°22'	03/1948	12/2001	95	53
692	Lipan	5243	Hood	930	32°31'	98°03'	03/1949	12/2001	97	53
693	Lipscomb	5247	Lipscomb	2,450	36°14'	100°16'	06/1948	12/2001	97	54
694	Little Elm 1 NNE	5258	Denton	551	33°10'	96°56'	01/1946	09/1966	95	21
695	Littlefield	5263	Lamb	3,563	33°55'	102°20'	10/1916	01/1966	88	42
696	Littlefield	5265	Lamb	3,505	33°54'	102°19'	07/1966	12/2001	97	36
697	Livingston 2 NNE	5271	Polk	178	30°44'	94°56'	03/1937	12/2001	99	65
698	Llano	5272	Llano	1,020	30°44'	98°39'	12/1896	12/2001	98	105
699	Llano 18 S	5276	Llano	1,380	30°30'	98°44'	09/1997	12/2001	87	5
700	Lockhart	5284	Caldwell	547	29°53'	97°41'	09/1947	12/2001	98	55
701	Lockhart 2 SW	5285	Caldwell	490	29°51'	97°41'	02/1997	12/2001	98	5
702	Loma Alta	5303	Val Verde*	1,923	29°55'	100°46'	10/1947	09/1951	66	5
703	Lometa	5308	Lampasas	1,480	31°13'	98°24'	03/1948	12/1965	72	18
704	London	5312	Kimble	1,695	30°40'	99°34'	06/1948	12/1953	19	6
705	Long Lake 5 SW	5327	Freestone	312	31°37'	95°51'	04/1915	10/1980	95	37
706	Longview	5341	Gregg	330	32°27'	94°44'	01/1902	12/2001	98	100
707	Longview 11 SE	5348	Rusk	407	32°20'	94°39'	09/1975	12/2001	94	27
708	Loop	5351	Gaines	3,245	32°54'	102°25'	08/1948	07/1995	94	47
709	Loop 10 SE	5354	Gaines	3,104	32°52'	102°22'	08/2001	11/2001	16	1
710	Loraine	5358	Mitchell	2,270	32°25'	100°43'	06/1948	09/1951	82	4
711	Lorenzo	5363	Crosby	3,170	33°40'	101°32'	02/1947	08/1995	84	48
712	Los Angeles 4 WSW	5369	La Salle	288	28°26'	99°03'	04/1998	12/2001	92	4
713	Lovelady	5398	Houston	302	31°08'	95°27'	06/1948	10/1986	96	29
714	Lubbock 2	5412	Lubbock*	3,222	33°35'	101°53'	06/1938	05/1939	50	2
715	Lubbock 6 NNE	5408	Lubbock	3,254	33°39'	101°48'	01/1998	12/2001	100	4
716	Lubbock 9 N	5410	Lubbock	3,245	33°41'	101°49'	09/1946	02/1964	91	19
717	Lubbock International Airport	5411	Lubbock	3,254	33°39'	101°49'	03/1911	12/2001	100	91
718	Lufkin 11 NW	5415	Angelina	350	31°25'	94°53'	01/1983	12/2001	99	19
719	Lufkin 2	5427	Angelina	320	31°22'	94°43'	01/1990	12/2001	100	12
720	Lufkin Angelina County Airport	5424	Angelina	288	31°14'	94°45'	11/1906	12/2001	96	95

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721	Luling	5429	Caldwell	400	29°40'	97°39'	12/1901	12/2001	99	101
722	Luling 12 NE	5430	Caldwell	445	29°50'	97°34'	08/1997	12/2001	88	5
723	Lumberton	5435	Hardin	39	30°15'	94°10'	11/1995	12/2001	88	7
724	Lynxhaven Ranch	5449	Kerr	2,001	29°58'	99°27'	10/1947	02/1976	83	30
725	Lytle 3 W	5454	Medina	722	29°14'	98°50'	12/1976	12/2001	96	26
726	Mabank 4 SW	5461	Henderson	341	32°20'	96°09'	06/1948	09/1951	80	4
727	Madisonville	5477	Madison	252	30°56'	95°54'	09/1918	11/2001	92	75
728	Magnolia 1 W	5496	Montgomery	260	30°13'	95°47'	06/1954	06/1986	91	31
729	Manchaca	5538	Travis	702	30°08'	97°50'	03/1948	12/1965	98	18
730	Manchester	5540	Red River*	400	33°51'	95°08'	11/1948	11/1948	4	1
731	Mansfield	5560	Tarrant	581	32°34'	97°09'	09/1947	10/1964	95	18
732	Mansfield Dam	5561	Travis	551	30°24'	97°55'	06/1944	03/1964	89	21
733	Maple	5570	Cochran*	3,904	33°47'	102°54'	09/1947	02/1949	31	3
734	Marathon	5579	Brewster	4,055	30°12'	103°14'	01/1897	12/2001	93	68
735	Marble Falls	5580	Burnet*	771	30°34'	98°17'	09/1946	01/1952	77	7
736	Marco	5583	McCulloch	1,942	31°06'	99°34'	04/1948	12/1974	82	27
737	Marfa 19 S	5593	Presidio	4,403	30°02'	104°01'	12/1950	10/1961	66	11
738	Marfa 2	5596	Presidio	4,730	30°18'	104°00'	12/1958	12/2001	91	43
739	Marfa CAA Airport	5589	Presidio*	4,859	30°15'	103°53'	06/1907	12/1954	85	16
740	Marfa Charco MR	5591	Jeff Davis*	5,305	30°29'	104°07'	02/1949	09/1951	88	3
741	Marfa Ryan	5594	Presidio*	4,705	30°22'	104°19'	05/1951	09/1951	39	1
742	Marlin 3 NE	5611	Falls	388	31°20'	96°51'	08/1902	12/2001	97	75
743	Marshall	5618	Harrison	352	32°32'	94°21'	07/1908	12/2001	97	94
744	Martin Ranch	5626	Mason	1,332	30°38'	99°10'	03/1948	12/1965	96	18
745	Marys creek	5646	Tarrant	850	32°44'	97°30'	10/1947	10/1973	91	27
746	Mason	5650	Mason	1,430	30°44'	99°14'	11/1941	12/2001	91	61
747	Matador	5658	Motley	2,290	34°01'	100°49'	11/1947	11/2001	97	55
748	Matagorda 2	5659	Matagorda	10	28°41'	95°58'	07/1910	12/2001	98	92
749	Mathis 4 SSW	5661	Jim Wells	138	28°02'	97°52'	07/1964	12/2001	98	38
750	Maud	5667	Bowie	305	33°19'	94°20'	09/1946	12/2001	91	56
751	Maurbro	5670	Jackson	30	28°55'	96°28'	01/1944	01/1966	91	23
752	Maverick Ranger Station	5674	Brewster	2,703	29°17'	103°30'	01/1962	04/1965	83	4
753	Maypearl	5695	Ellis	530	32°19'	97°01'	06/1948	08/1994	79	7
754	McCartney Bridge	5710	Cass	230	33°19'	94°10'	08/1947	09/1954	88	8
755	McCook	5721	Hidalgo	220	26°29'	98°23'	08/1941	12/2001	96	61
756	McDonald Store	5738	Callahan*	1,752	32°12'	99°24'	09/1958	12/1958	18	1
757	McIntosh Ranch	5761	Schleicher*	2,352	30°44'	100°30'	04/1948	11/1965	89	18
758	McKinney 3 S	5766	Collin	595	33°10'	96°37'	04/1903	12/2001	95	93
759	McLean	5770	Gray	2,860	35°14'	100°36'	06/1948	12/2001	96	44
760	McAllen	5701	Hidalgo	100	26°12'	98°15'	06/1941	12/2001	96	61
761	McAllen Miller Airport	5702	Hidalgo	100	26°10'	98°14'	01/1961	12/2001	95	39
762	McCamey	5707	Upton	2,450	31°08'	102°11'	02/1932	12/2001	99	70
763	McCoy	5723	Atascosa	302	28°51'	98°20'	08/1996	11/1999	81	4
764	McGregor	5757	McLennan	723	31°26'	97°24'	03/1910	12/2001	98	92
765	Medina	5742	Bandera	1,705	29°48'	99°15'	01/1966	02/2000	95	35
766	Medina Lake	5746	Medina	1,169	29°30'	98°54'	05/1991	03/2001	67	11
767	Memphis	5821	Hall	2,090	34°43'	100°32'	07/1905	12/2001	95	96
768	Menard	5822	Menard	1,951	30°55'	99°47'	01/1897	12/2001	96	97
769	Menard 13 WNW	5825	Menard	2,201	31°03'	99°57'	04/1959	12/1965	83	7
770	Mentone 2 S	5828	Loving	2,703	31°41'	103°36'	01/1949	01/1974	86	26
771	Menzies Al Ranch	5832	Menard	2,251	31°04'	99°56'	03/1948	03/1959	85	12
772	Menzies Bill Ranch	5833	Edwards*	*2,275	30°08'	99°58'	04/1948	09/1948	50	1

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773	Mercedes	5835	Hidalgo*	79	26°08'	97°55'	09/1946	03/1948	47	3
774	Mercedes 6 SSE	5836	Hidalgo	75	26°04'	97°54'	03/1914	12/2001	97	87
775	Mercury	5840	McCulloch	1,440	31°25'	99°10'	09/1949	08/1950	42	2
776	Meridian	5845	Bosque	770	31°56'	97°40'	09/1982	12/2001	96	20
777	Meridian State Park	5847	Bosque	1,028	31°53'	97°42'	04/1963	08/1982	94	20
778	Merrill Ranch	5854	Jeff Davis	5,472	30°32'	104°03'	01/1939	12/1967	92	29
779	Mertzon	5859	Irion	2,229	31°16'	100°49'	01/1941	08/1987	93	47
780	Mexia	5869	Limestone	535	31°41'	96°29'	09/1904	12/2001	99	96
781	Miami	5875	Roberts	2,755	35°42'	100°38'	07/1905	12/2001	98	97
782	Mid City 4 SE	5878	Lamar	490	33°48'	95°30'	12/1970	09/1997	91	28
783	Middlewell	5887	Hartley*	3,802	35°45'	102°11'	10/1947	03/1953	57	7
784	Midkiff	5888	Upton	2,700	31°38'	101°50'	08/1981	02/1996	81	16
785	Midland 4 ENE	5891	Midland	2,740	32°01'	102°01'	08/1947	12/2001	95	55
786	Midland International Airport	5890	Midland	2,862	31°56'	102°11'	06/1948	12/2001	99	54
787	Midlothian	5896	Ellis*	751	32°29'	97°00'	09/1947	10/1964	92	18
788	Midlothian 2	5897	Ellis	750	32°29'	96°59'	08/1997	12/2001	88	5
789	Midway 4 NE	5904	Madison	235	31°04'	95°43'	04/1978	12/2001	95	24
790	Milam 6 ENE	5915	Sabine	200	31°28'	93°45'	03/1948	05/1969	76	8
791	Miller Ranch	5930	San Saba	1,991	30°58'	98°56'	03/1948	02/1966	72	18
792	Mineola 2	5955	Wood	410	32°40'	95°29'	06/1965	08/1966	62	2
793	Mineola 4 S	5954	Smith	370	32°36'	95°29'	09/1946	10/2000	95	55
794	Mineola 8 ENE	5956	Wood	385	32°43'	95°22'	09/1966	10/2000	94	34
795	Mineral Wells FCWOS Airport	5958	Palo Pinto	930	32°46'	98°03'	06/1948	12/2001	95	49
796	Mirando City	5971	Webb	771	27°27'	99°00'	10/1948	11/1963	89	16
797	Mission 4 W	5972	Hidalgo	133	26°13'	98°24'	09/1910	11/1994	93	84
798	Mission Pumping Station	5973	Hidalgo*	131	26°12'	98°19'	06/1948	05/1950	63	3
799	Mobeetie	5987	Wheeler	2,680	35°32'	100°26'	09/1947	03/1974	89	28
800	Moline	5996	Mills	1,385	31°24'	98°19'	10/1947	09/1951	63	5
801	Monahans	5999	Ward	2,585	31°32'	102°54'	06/1959	11/2001	94	43
802	Monahans 1 NW	6000	Ward*	2,631	31°36'	102°54'	02/1900	05/1953	52	8
803	Montague	6014	Montague	1,079	33°40'	97°45'	06/1943	02/1964	91	22
804	Monte Alto	6017	Willacy*	39	26°33'	97°58'	06/1948	05/1950	62	3
805	Montell	6019	Uvalde*	1,302	29°32'	100°01'	09/1912	02/1944	95	33
806	Montgomery	6024	Montgomery	320	30°23'	95°41'	06/1954	12/2001	98	48
807	Morgan 3 WNW	6058	Bosque	740	32°00'	97°36'	05/1965	12/2001	97	37
808	Morgan Mill	6060	Erath	1,030	32°22'	98°10'	03/1949	12/2001	93	53
809	Morse	6070	Hansford	3,180	36°03'	101°28'	09/1941	01/1998	89	57
810	Morton	6074	Cochran	3,760	33°43'	102°45'	05/1935	12/2001	95	59
811	Moscow	6078	Polk	249	30°55'	94°50'	09/1947	04/1969	88	23
812	Moss Ranch	6085	Llano	1,180	30°33'	98°42'	03/1948	07/1997	91	20
813	Mount Enterprise	6099	Rusk*	610	31°58'	94°40'	04/1948	07/1948	23	1
814	Mount Locke	6104	Jeff Davis	6,790	30°42'	104°01'	02/1935	12/2001	100	67
815	Mount Pleasant	6108	Titus	425	33°10'	95°00'	03/1905	12/2001	97	86
816	Mount Vernon	6119	Franklin	480	33°11'	95°13'	05/1966	12/2001	98	36
817	Mountain Creek	6116	Dallas	522	32°43'	96°56'	09/1947	10/1964	95	18
818	Muenster	6130	Cooke	1,005	33°39'	97°22'	09/1947	12/2001	99	55
819	Muleshoe 1	6135	Bailey	3,830	34°14'	102°44'	08/1921	12/2001	98	81
820	Muleshoe 2	6136	Bailey	3,800	34°13'	102°44'	06/1948	09/1951	61	4
821	Muleshoe National Wildlife Refuge	6137	Bailey	3,740	33°57'	102°46'	02/1980	12/2001	99	22
822	Mullin	6140	Mills	1,492	31°35'	98°40'	03/1948	09/2001	97	54
823	Munday	6146	Knox	1,480	33°27'	99°36'	09/1912	12/2001	99	90
824	Munday 5 SSW	6148	Haskell*	1,503	33°23'	99°39'	10/1939	10/1948	73	8

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
825	Murr Ranch	6158	Kimble	2,402	30°41'	100°05'	03/1948	12/1965	65	17
826	Nacogdoches	6176	Nacogdoches	312	31°36'	94°39'	04/1900	05/1973	98	74
827	Nacogdoches	6177	Nacogdoches	435	31°37'	94°38'	06/1948	12/2001	95	30
828	Naples 1 SW	6190	Morris	361	33°11'	94°41'	12/1909	11/1981	97	73
829	Naples 5 NE	6195	Bowie	290	33°14'	94°40'	04/1982	01/1997	92	16
830	Natalia	6205	Medina	712	29°12'	98°51'	08/1909	08/1976	87	41
831	Navarro Mills Dam	6210	Navarro	454	31°57'	96°42'	01/1963	12/2001	99	39
832	Navasota	6211	Grimes*	220	30°23'	96°07'	09/1946	12/1951	80	6
833	Nazareth	6215	Castro*	3,704	34°33'	102°06'	03/1906	03/1911	75	6
834	Neal Ranch	6219	McCulloch*	1,670	31°11'	99°09'	03/1948	12/1959	94	12
835	Negley 4 SSW	6247	Red River	405	33°42'	95°04'	11/1948	12/2001	94	54
836	Nelson Ranch	6257	Kerr	2,125	29°57'	99°31'	07/1962	02/1983	94	22
837	Neuville	6265	Shelby	480	31°39'	94°09'	09/1947	12/2001	93	35
838	New Boston	6270	Bowie	345	33°27'	94°24'	04/1980	12/2001	94	22
839	New Boston 3 W	6271	Bowie	371	33°28'	94°28'	11/1973	12/1979	88	7
840	New Braunfels	6276	Comal	710	29°44'	98°07'	01/1897	12/2001	96	104
841	New Caney 2 E	6280	Montgomery	235	30°08'	95°11'	01/1952	12/2001	99	50
842	New Gulf	6286	Wharton	72	29°16'	95°54'	06/1946	02/1999	95	54
843	New Summerfield 2 W	6335	Cherokee	380	31°59'	95°08'	01/1992	12/2001	98	10
844	Newport 1 SW	6331	Jack	1,060	33°27'	98°01'	10/1947	12/2001	89	54
845	Newton	6339	Newton	190	30°51'	93°46'	01/1966	03/1977	85	12
846	Newton	6341	Newton	150	30°49'	93°44'	01/1980	12/2001	93	19
847	Nix Store 1 W	6367	Lampasas	1,360	31°07'	98°22'	03/1948	12/2001	91	54
848	Nixon	6368	Gonzales	400	29°16'	97°45'	06/1921	12/2001	97	81
849	Nogalus Guard Station	6382	Houston	400	31°16'	95°08'	09/1947	12/1969	88	21
850	Nolan	6385	Nolan*	2,533	32°18'	100°19'	05/1922	03/1926	78	5
851	North Fork Dam	6434	Williamson	883	30°41'	97°43'	07/1980	06/1981	50	2
852	North Galveston	6435	Galveston*	*4	29°20'	94°46'	06/1904	08/1905	63	2
853	North Houston	6438	Harris*	110	29°53'	95°31'	09/1947	05/1948	37	2
854	Northfield	6433	Motley	2,070	34°15'	100°36'	05/1948	12/2001	96	54
855	Northington Ranch	6448	Kendall	1,524	29°51'	98°39'	08/1986	12/2001	95	16
856	Notla 3 SE	6477	Ochiltree	2,900	36°06'	100°35'	10/1947	12/2001	95	54
857	Novice	6484	Coleman	1,982	31°59'	99°37'	03/1948	09/1973	96	26
858	Nugent 1 ESE	6494	Jones	1,591	32°41'	99°40'	08/1943	11/1972	96	30
859	O.C. Fisher Dam	6499	Tom Green	1,964	31°28'	100°29'	12/1975	12/2001	95	27
860	O'Donnell	6504	Lynn	3,046	32°58'	101°49'	06/1948	09/1951	83	4
861	Oak Creek Lake	6495	Coke	2,065	32°03'	100°18'	04/1962	12/2001	99	40
862	Oakwood 2 NNE	6496	Freestone	305	31°36'	95°50'	12/1980	12/2001	95	22
863	Oakwood 7 NW	6497	Freestone	335	31°40'	95°55'	10/1980	11/1981	58	2
864	Odessa	6502	Ector	2,910	31°52'	102°21'	09/1950	12/2001	95	52
865	Oilton	6548	Webb	801	27°27'	98°55'	11/1964	03/1971	80	8
866	Old 8 Camp 6666	6615	King	1,790	33°33'	100°11'	10/1973	09/2000	74	10
867	Olney	6636	Young	1,195	33°22'	98°45'	01/1956	12/2001	94	46
868	Olney 5 NNW	6641	Archer	1,184	33°26'	98°46'	05/1941	12/2001	98	61
869	Olton	6644	Lamb	3,610	34°11'	102°08'	04/1928	12/2001	84	60
870	Omaha 2 W	6649	Morris	395	33°11'	94°46'	09/1997	12/2001	86	5
871	One O One Ranch	6654	Brewster*	3,612	30°10'	103°46'	02/1949	10/1949	69	1
872	Oplin near SCS 174	6660	Callahan*	2,001	32°10'	99°31'	11/1926	02/1928	44	3
873	Orange	6664	Orange	10	30°05'	93°44'	01/1905	12/2001	96	67
874	Orange 9 N	6680	Orange	18	30°13'	93°44'	05/1986	12/2001	98	16
875	Orange Dupont	6663	Orange*	10	30°04'	93°45'	11/1948	10/1950	44	3
876	Orange Riverside	6667	Orange*	10	30°06'	93°44'	11/1947	01/1948	8	2

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

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877	Orson Ranch	6694	Borden*	2,651	32°45'	101°41'	09/1947	12/1948	59	2
878	Overton	6722	Rusk	500	32°16'	94°59'	12/1943	10/1987	95	45
879	Ozona 1 SSW	6734	Crockett	2,340	30°41'	101°12'	06/1948	12/2001	94	54
880	Ozona 8 WSW	6736	Crockett	2,550	30°41'	101°20'	02/1951	09/1951	61	1
881	Paducah	6740	Cottle	1,900	34°00'	100°18'	09/1946	09/2001	96	53
882	Paducah 10 S	6745	Cottle	1,950	33°52'	100°23'	12/1994	12/2001	62	8
883	Paducah 15 S	6742	King	1,815	33°48'	100°18'	04/1971	12/2001	96	31
884	Paducah 2 WNW	6743	Cottle*	1,890	34°02'	100°19'	06/1913	12/1950	98	38
885	Paint Rock	6747	Concho	1,625	31°30'	99°55'	06/1918	07/2001	97	84
886	Palacios Municipal Airport	6750	Matagorda	12	28°43'	96°15'	02/1943	12/2001	99	59
887	Palestine 2 NE	6757	Anderson	465	31°46'	95°36'	01/1930	12/2001	98	70
888	Palo Pinto	6766	Palo Pinto	1,040	32°45'	98°18'	03/1949	12/2001	98	53
889	Pampa 2	6776	Gray	3,150	35°33'	100°58'	04/1964	12/2001	99	38
890	Pampa WB Airport	6775	Gray	3,232	35°32'	100°58'	04/1908	01/1964	87	41
891	Pandale 1 N	6780	Val Verde	1,689	30°10'	101°33'	08/1909	12/2001	89	56
892	Pandale 11 NE	6781	Val Verde	1,665	30°16'	101°27'	12/1981	12/2001	94	21
893	Panhandle	6785	Carson	3,532	35°24'	101°20'	08/1911	12/2001	96	77
894	Panter	6790	Hood*	1,001	32°20'	97°52'	12/1901	10/1917	91	17
895	Panther Junction	6792	Brewster	3,740	29°19'	103°12'	04/1955	12/2001	99	47
896	Paris	6794	Lamar	542	33°40'	95°34'	12/1896	12/2001	97	101
897	Park Springs	6801	Wise*	961	33°24'	97°49'	09/1947	04/1949	17	3
898	Pasadena Houston	6825	Harris*	30	29°43'	95°13'	10/1956	01/1960	66	5
899	Patricia	6836	Dawson*	3,002	32°33'	102°07'	08/1949	01/1953	8	2
900	Pattison	6843	Harris*	171	29°54'	95°50'	09/1947	03/1952	70	6
901	Pearsall	6879	Frio	635	28°53'	99°05'	03/1902	12/2001	95	98
902	Pearsall 9 WNW	6880	Frio	610	28°58'	99°13'	01/1980	01/1983	77	4
903	Pecos	6892	Reeves	2,610	31°25'	103°30'	01/1904	08/2000	96	72
904	Pecos 8 W	6893	Reeves	2,660	31°22'	103°38'	12/2000	12/2001	54	2
905	Penwell	6932	Ector	2,940	31°44'	102°35'	10/1955	12/2001	97	47
906	Perryton	6950	Ochiltree	2,942	36°23'	100°49'	01/1907	12/2001	95	91
907	Perryton 1 WSW	6955	Ochiltree	2,942	36°23'	100°49'	02/1908	02/1908	0	1
908	Perryton 11 WNW	6953	Ochiltree	3,010	36°26'	100°59'	10/1947	12/2001	98	55
909	Perryton 21 S	6952	Ochiltree	2,985	36°06'	100°44'	04/1978	12/2001	96	24
910	Persimmon Gap	6959	Brewster	2,865	29°39'	103°10'	05/1952	12/2001	84	23
911	Persimmon Gap 6 E	6960	Brewster	2,533	29°39'	103°05'	09/1979	05/1985	82	7
912	Pettit 4 NE	6981	Hockley*	3,553	33°44'	102°28'	07/1948	09/1951	21	4
913	Pflugerville	6992	Travis	679	30°26'	97°37'	03/1948	12/1965	98	18
914	Pidcoke	7017	Coryell	800	31°17'	97°53'	01/1992	12/2001	99	10
915	Pierce 1 E	7020	Wharton	105	29°14'	96°11'	05/1904	12/2001	94	98
916	Pilot Point	7028	Denton	690	33°23'	96°57'	09/1947	12/2001	95	55
917	Pine Springs	7044	Culberson	5,609	31°53'	104°48'	01/1939	12/2001	96	22
918	Pineland	7040	Sabine	220	31°14'	93°57'	01/1965	12/2001	97	25
919	Pitchfork Ranch	7060	Dickens	1,945	33°35'	100°31'	05/1971	12/2001	86	31
920	Pittsburg 5 S	7066	Camp	345	32°55'	94°56'	04/1949	12/2001	99	53
921	Placid	7072	McCulloch	1,631	31°19'	99°11'	03/1948	11/1965	66	18
922	Plains	7074	Yoakum	3,675	33°11'	102°49'	01/1925	12/2001	93	67
923	Plainview	7079	Hale	3,370	34°11'	101°42'	09/1908	12/2001	97	94
924	Plainview Radio KKYN	7081	Hale	3,450	34°12'	101°43'	04/2000	12/2001	87	2
925	Plata	7091	Presidio	3,753	29°51'	104°01'	10/1964	02/1977	82	14
926	Pleak	7097	Fort Bend*	79	29°28'	95°47'	06/1948	09/1950	51	3
927	Pleasanton	7111	Atascosa	416	28°57'	98°29'	01/1948	12/2001	81	15
928	Plemons	7116	Hutchinson*	2,802	35°46'	101°20'	09/1906	08/1951	83	25

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929	Point Comfort	7140	Calhoun	20	28°39'	96°33'	11/1957	12/2001	96	45
930	Polar	7146	Garza	2,352	33°01'	101°04'	09/1947	06/1975	86	29
931	Pontotoc	7164	Mason	1,562	30°55'	98°59'	04/1948	11/1965	83	16
932	Poolville	7165	Parker*	1,230	32°58'	97°52'	11/1947	04/1957	81	11
933	Popham Ranch	7168	Reeves*	3,304	30°53'	103°33'	09/1947	10/1947	17	1
934	Port Aransas	7170	Nueces	12	27°50'	97°03'	03/1986	12/2001	95	16
935	Port Arthur Airport	7174	Jefferson	16	29°57'	94°01'	10/1947	12/2001	98	55
936	Port Arthur City	7172	Jefferson	5	29°54'	93°58'	11/1975	12/2001	96	27
937	Port Arthur WB City	7173	Jefferson	10	29°52'	93°56'	03/1911	12/1967	87	28
938	Port Isabel	7179	Cameron	17	26°04'	97°13'	01/1897	12/2001	96	72
939	Port Lavaca 2	7182	Calhoun	20	28°37'	96°38'	02/1901	02/1988	86	69
940	Port Mansfield	7184	Willacy	9	26°33'	97°25'	02/1958	12/2001	99	44
941	Port O'Connor	7186	Calhoun	5	28°26'	96°25'	04/1948	10/2001	87	52
942	Possum Kingdom Dam	7205	Palo Pinto	902	32°52'	98°26'	01/1939	04/1975	97	37
943	Post	7206	Garza	2,620	33°11'	101°22'	05/1910	12/2001	97	92
944	Post Oak School	7213	Lee	318	30°16'	96°43'	04/1963	05/1981	82	19
945	Poteet	7215	Atascosa	480	29°02'	98°35'	11/1941	12/2001	96	61
946	Poynor	7230	Henderson	531	32°05'	95°35'	09/1947	10/1975	93	29
947	Prade Ranch	7232	Real	2,052	29°54'	99°46'	10/1955	12/2001	90	42
948	Prairie Mountain	7243	Llano	1,448	30°35'	98°53'	06/1948	09/1951	83	4
949	Presidio	7262	Presidio	2,560	29°33'	104°20'	10/1927	12/2001	97	75
950	Prewit Ranch	7268	Reeves*	2,703	31°17'	103°30'	09/1947	04/1948	32	2
951	Price	7271	Rusk	371	32°07'	94°58'	08/1941	11/1975	97	35
952	Priddy 1 NE	7274	Mills	1,470	31°40'	98°29'	01/1984	09/1997	96	14
953	Proctor Reservoir	7300	Comanche	1,221	31°58'	98°30'	06/1963	11/2001	98	39
954	Provident City	7299	Colorado	151	29°17'	96°38'	09/1947	08/1966	95	20
955	Putnam	7327	Callahan	1,591	32°22'	99°11'	03/1911	12/2001	99	91
956	Quanah 5 SE	7336	Hardeman	1,495	34°15'	99°41'	10/1904	12/2001	97	98
957	Quinlan	7358	Hunt	512	32°55'	96°08'	03/1962	11/1974	90	13
958	Quitaque 1 E	7361	Briscoe	2,572	34°22'	101°03'	07/1934	03/1976	82	42
959	Quitman	7363	Wood	375	32°47'	95°26'	05/1948	08/1987	95	40
960	Quitman 2	7365	Wood	413	32°48'	95°26'	10/1999	12/2001	71	3
961	Rainbow	7388	Somervell	648	32°15'	97°42'	09/1946	12/2001	98	56
962	Rancho Escondido	7411	Brewster*	4,803	30°01'	103°46'	09/1947	08/1949	66	3
963	Randolph Field	7422	Bexar	760	29°31'	98°16'	06/1948	09/1951	78	4
964	Ranger	7425	Eastland*	1,430	32°28'	98°41'	09/1946	07/1952	79	7
965	Ranger	7426	Eastland	1,542	32°28'	98°42'	09/1947	10/1975	96	29
966	Rankin	7431	Upton	2,615	31°13'	101°56'	08/1948	10/1984	90	27
967	Ransom Canyon	7433	Lubbock	3,100	33°32'	101°41'	03/1988	12/2001	99	14
968	Ratcliff	7436	Houston*	*400	31°23'	95°08'	04/1915	07/1919	87	5
969	Ray Roberts Lake	7463	Denton	600	33°20'	97°03'	04/1984	04/1988	66	5
970	Raymondville	7458	Willacy	31	26°28'	97°48'	10/1910	12/2001	97	92
971	Reagan	7468	Falls*	430	31°18'	96°42'	11/1927	10/1932	79	6
972	Red Bluff Crossing	7480	San Saba	1,235	31°13'	98°35'	06/1948	12/2001	94	54
973	Red Bluff Dam	7481	Reeves	2,800	31°54'	103°55'	10/1939	12/2000	89	60
974	Red Oak	7495	Ellis	600	32°31'	96°48'	11/1964	06/1996	93	33
975	Red Rock	7497	Bastrop	520	29°58'	97°27'	05/1965	12/2000	97	35
976	Red Springs 2 ESE	7499	Baylor	1,370	33°36'	99°23'	06/1948	09/1951	61	4
977	Reeves Station	7528	Sutton*	2,201	30°28'	100°11'	01/1949	07/1952	13	2
978	Refugio	7529	Refugio	49	28°18'	97°17'	01/1948	11/1984	99	37
979	Refugio 2 NW	7533	Refugio	45	28°19'	97°17'	07/1985	12/2001	92	17
980	Refugio 3 SW	7530	Refugio	54	28°17'	97°19'	05/1991	12/2001	88	11

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981	Regency	7531	Mills*	*1,241	31°26'	98°49'	06/1948	08/1948	4	1
982	Reiley Ranch	7534	Sutton*	2,451	30°38'	100°15'	04/1948	07/1950	35	3
983	Reklaw 3 NNE	7547	Rusk	331	31°54'	94°59'	09/1958	03/1988	92	31
984	Rendham	7552	Baylor*	1,352	33°35'	99°09'	09/1947	01/1958	81	12
985	Reno	7556	Parker	770	32°57'	97°34'	06/1948	09/1951	83	4
986	Rhineland	7572	Knox*	1,201	33°32'	99°39'	01/1897	09/1907	95	10
987	Ricardo	7580	Kleberg	59	27°25'	97°49'	06/1909	01/1975	92	67
988	Rice	7581	Navarro*	440	32°16'	96°30'	01/1949	10/1956	80	8
989	Richards	7586	Grimes	315	30°32'	95°51'	06/1954	12/2001	94	47
990	Richardson	7588	Collin	675	32°59'	96°45'	02/1948	12/2001	96	53
991	Richland Springs	7593	San Saba	1,380	31°16'	98°56'	03/1948	12/2001	94	54
992	Richmond	7594	Fort Bend	101	29°35'	95°45'	06/1919	12/2001	96	57
993	Riesel	7608	McLennan*	469	31°29'	96°53'	06/1948	05/1952	75	5
994	Riley Ben Ranch	7612	Gillespie	1,631	30°26'	98°49'	03/1948	12/1965	94	18
995	Ringgold	7614	Montague	895	33°49'	97°56'	11/1947	09/1994	94	48
996	Rio Grande City 1 SE	7622	Starr	172	26°23'	98°49'	01/1897	12/2001	94	84
997	Rio Medina	7628	Medina	850	29°26'	98°52'	08/1922	12/2001	94	80
998	Rising Star 1 S	7633	Eastland	1,633	32°04'	98°57'	02/1942	12/2001	97	60
999	Rising Star 5 NNE	7637	Eastland	1,605	32°09'	98°55'	09/1991	12/2001	90	11
1000	Riverside	7651	Walker	240	30°51'	95°24'	04/1915	01/1970	91	27
1001	Roanoke	7659	Denton	655	33°00'	97°13'	08/1947	12/2001	98	55
1002	Roaring Springs	7663	Motley*	2,503	33°54'	100°52'	09/1949	09/1949	4	1
1003	Robert Lee	7669	Coke	1,780	31°54'	100°29'	03/1908	12/2001	96	58
1004	Robstown	7677	Nueces	85	27°47'	97°39'	09/1922	12/2001	90	62
1005	Roby	7678	Fisher	1,982	32°44'	100°23'	01/1897	06/1975	90	65
1006	Rock Island	7693	Colorado*	249	29°32'	96°35'	01/1900	10/1907	97	8
1007	Rock Port	7705	Aransas*	10	28°01'	97°03'	07/1901	12/1958	86	27
1008	Rockdale	7685	Milam	528	30°39'	97°02'	03/1963	12/2001	98	39
1009	Rockland 1 WSW	7700	Jasper	88	31°01'	94°24'	04/1904	06/1979	90	38
1010	Rockport	7704	Aransas	9	28°01'	97°03'	01/1959	12/2001	100	43
1011	Rocksprings	7706	Edwards	2,400	30°00'	100°13'	04/1932	12/2001	89	63
1012	Rocksprings 14 NE	7714	Edwards	2,173	30°09'	100°03'	04/1978	05/1989	74	11
1013	Rocksprings 18 SW	7712	Edwards	1,725	29°47'	100°25'	02/1963	07/1993	96	31
1014	Rocksprings 26 SSW	7717	Edwards	1,690	29°41'	100°25'	08/1995	12/2001	92	7
1015	Rocksprings 5 W	7711	Edwards*	2,392	30°01'	100°18'	03/1955	06/1956	58	2
1016	Rockwall	7707	Rockwall	543	32°56'	96°28'	09/1946	12/2001	98	56
1017	Rockwall	7708	Rockwall*	600	32°56'	96°27'	09/1950	02/1956	73	7
1018	Romayor 1 WSW	7729	Liberty	60	30°26'	94°51'	10/1982	05/1989	83	8
1019	Romero	7730	Hartley*	4,062	35°43'	102°55'	02/1910	04/1936	85	26
1020	Roosevelt 2 E	7735	Kimble	1,962	30°29'	100°02'	03/1948	12/1965	90	18
1021	Roscoe	7743	Nolan	2,380	32°26'	100°31'	06/1935	12/2001	99	67
1022	Rosebud	7744	Falls	405	31°04'	96°58'	07/1965	12/2001	93	29
1023	Rosenberg	7756	Fort Bend*	112	29°33'	95°47'	04/1915	02/1960	84	22
1024	Ross	7768	McLennan	571	31°43'	97°07'	08/1940	10/1975	89	36
1025	Ross Ranch	7769	King	1,660	33°35'	100°01'	04/1971	07/1979	86	9
1026	Rosser	7773	Kaufman	340	32°28'	96°27'	08/1947	12/2001	95	55
1027	Rossville	7779	Atascosa*	561	29°06'	98°41'	06/1907	05/1926	93	20
1028	Rotan	7782	Fisher	1,935	32°51'	100°27'	07/1924	12/2001	96	78
1029	Round Mountain 1 NW	7787	Blanco	1,340	30°26'	98°21'	12/1958	12/2001	97	44
1030	Round Rock 3 NE	7791	Williamson	722	30°32'	97°38'	02/1968	12/2001	99	34
1031	Ruidosa 7 NE	7813	Presidio	3,625	30°02'	104°35'	07/1983	06/1990	87	8
1032	Runge	7836	Karnes	315	28°53'	97°42'	01/1897	12/2001	96	104

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
1033	Rusk	7841	Cherokee	720	31°48'	95°08'	01/1942	12/2001	98	60
1034	Rust Circle Bar Ranch	7852	Tom Green*	2,201	31°12'	100°10'	04/1948	06/1958	59	10
1035	Sabinal	7873	Uvalde	953	29°21'	99°29'	09/1903	12/2001	94	98
1036	Sabine	7875	Jefferson*	20	29°43'	93°52'	12/1898	12/1903	29	5
1037	Saginaw	7887	Tarrant*	*736	32°52'	97°22'	03/1900	04/1901	58	2
1038	Salado	7903	Bell*	650	30°57'	97°32'	05/1910	10/1919	95	10
1039	Salt Flat	7920	Hudspeth	3,722	31°44'	105°04'	10/1978	08/1998	91	21
1040	Salt Flat 10 ENE	7921	Culberson	3,891	31°47'	104°54'	01/1959	12/1977	99	19
1041	Salt Flat CAA Airport	7922	Hudspeth*	3,717	31°45'	105°05'	06/1948	12/1957	96	10
1042	Sam Rayburn Dam	7936	Jasper	189	31°03'	94°06'	01/1968	12/2001	100	34
1043	San Angelo 4 NE	7942	Tom Green*	1,903	31°31'	100°23'	08/1953	03/1955	43	3
1044	San Angelo Dam	7940	Tom Green	1,962	31°28'	100°29'	07/1953	11/1975	97	23
1045	San Angelo WSO Airport	7943	Tom Green	1,916	31°21'	100°29'	09/1946	12/2001	98	56
1046	San Antonio 8 NNE	7947	Bexar	788	29°31'	98°27'	05/1997	12/2001	93	5
1047	San Antonio International Airport	7945	Bexar	809	29°31'	98°27'	09/1946	12/2001	99	56
1048	San Antonio Nursery	7948	Bexar*	591	29°18'	98°28'	01/1897	09/1951	87	38
1049	San Antonio Seaworld	8169	Bexar	940	29°27'	98°42'	06/1988	12/2001	96	14
1050	San Augustine	7951	San Augustine	310	31°30'	94°06'	06/1909	12/2001	92	36
1051	San Benito	7952	Cameron	39	26°08'	97°38'	03/1920	06/1975	92	53
1052	San Benito Filter Plant	7953	Cameron*	39	26°08'	97°38'	06/1948	05/1950	66	3
1053	San Bernard Wildlife Refuge	7957	Brazoria	12	28°55'	95°35'	11/1984	12/1987	70	4
1054	San Diego	7969	Jim Wells*	312	27°46'	98°14'	05/1911	06/1911	17	1
1055	San Jacinto	8045	Walker	415	30°37'	95°43'	02/1977	09/1986	91	10
1056	San Juanito	7979	Hidalgo*	*142	26°42'	98°14'	05/1909	08/1915	82	7
1057	San Manuel	7981	Hidalgo	75	26°34'	98°07'	06/1948	07/1951	35	4
1058	San Marcos	7983	Hays	612	29°52'	97°55'	12/1896	12/2001	94	103
1059	San Perlita	7990	Willacy*	20	26°30'	97°36'	06/1948	05/1950	65	3
1060	San Saba	7992	San Saba	1,195	31°11'	98°43'	01/1901	02/2000	95	70
1061	San Saba 7 NW	7994	San Saba	1,330	31°17'	98°45'	03/2000	12/2001	90	2
1062	Sanatorium	7997	Tom Green*	2,031	31°37'	100°39'	09/1947	06/1953	81	7
1063	Sanderson	8022	Terrell	2,855	30°08'	102°23'	01/1897	12/2001	95	69
1064	Sanderson 5 NNW	8023	Terrell	3,080	30°12'	102°25'	10/1947	09/1951	68	5
1065	Sandy 2 S	8036	Blanco	1,240	30°20'	98°28'	02/1949	12/1965	98	17
1066	Sanger	8043	Denton	675	33°21'	97°10'	11/1947	07/1999	87	35
1067	Santa Anna	8047	Coleman	1,745	31°44'	99°18'	03/1913	09/1951	50	5
1068	Santa Rosa	8060	Cameron*	49	26°15'	97°50'	06/1948	05/1950	65	3
1069	Santa Rosa 3 WNW	8059	Hidalgo	50	26°16'	97°52'	03/1987	12/2001	99	15
1070	Sarita 7 E	8081	Kenedy	38	27°13'	97°41'	01/1900	12/2001	95	102
1071	Schulenburg	8126	Fayette	374	29°41'	96°54'	09/1947	12/2001	98	55
1072	Scotland	8139	Archer	964	33°40'	98°28'	04/1997	12/2001	91	5
1073	Seagraves	8154	Gaines	3,438	32°57'	102°34'	03/1980	02/1981	29	2
1074	Sealy	8160	Austin	194	29°47'	96°08'	10/1910	12/2001	95	87
1075	Segovia	8183	Kimble	1,860	30°25'	99°40'	10/1958	12/1965	89	8
1076	Seguin	8186	Guadalupe	512	29°35'	97°57'	12/1922	04/1972	97	51
1077	Seguin 1 SSW	8187	Guadalupe	503	29°33'	97°58'	07/1992	12/2001	94	10
1078	Seminole	8201	Gaines	3,340	32°42'	102°32'	08/1922	12/2001	94	80
1079	Seymour	8221	Baylor	1,287	33°35'	99°16'	06/1905	12/2001	96	89
1080	Shaeffer Ranch	8231	Nueces*	190	27°40'	97°45'	09/1901	02/1903	44	3
1081	Shamrock	8235	Wheeler	2,323	35°12'	100°15'	07/1929	09/1987	99	59
1082	Shamrock 2	8236	Wheeler	2,360	35°12'	100°15'	09/1962	12/2001	94	40
1083	Sheffield	8252	Pecos	2,170	30°41'	101°49'	10/1938	12/2001	92	46
1084	Sheperd 2 SW	8265	San Jacinto*	180	30°29'	95°00'	06/1948	09/1951	83	4

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

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1085	Sherman	8274	Grayson	760	33°42'	96°38'	05/1897	12/2001	98	102
1086	Sherwood	8279	Irion	2,172	31°17'	100°48'	04/1948	12/1965	77	18
1087	Sierra Blanca 2 E	8305	Hudspeth	4,590	31°10'	105°21'	01/1897	12/2001	89	43
1088	Silsbee 4 N	8311	Hardin	180	30°14'	94°11'	11/1995	12/2001	88	7
1089	Silver	8316	Coke*	1,903	32°02'	100°44'	03/1948	06/1952	65	5
1090	Silver Valley	8326	Coleman	1,960	31°58'	99°33'	11/1973	12/2001	96	29
1091	Silverton	8323	Briscoe	3,280	34°27'	101°18'	09/1946	12/2001	96	56
1092	Simms 3 W	8333	Bowie	320	33°21'	94°33'	05/1981	08/1981	34	1
1093	Simms 4 WNW	8335	Bowie	322	33°22'	94°34'	06/1948	10/1973	87	15
1094	Sinton	8354	San Patricio	51	28°02'	97°29'	09/1921	12/2001	92	77
1095	Sisterdale	8358	Kendall	1,400	29°58'	98°43'	08/1996	12/2001	90	6
1096	Slaton 5 SE	8373	Lynn	3,050	33°22'	101°36'	05/1949	12/2001	99	53
1097	Slidell	8378	Wise	985	33°21'	97°23'	09/1947	11/2000	96	54
1098	Sloan	8382	San Saba	1,302	31°09'	98°55'	04/1935	10/1975	99	41
1099	Smith Brothers Ranch	8400	Jeff Davis*	*5,274	30°29'	104°06'	06/1948	12/1948	56	1
1100	Smithsons Valley	8414	Comal*	1,302	29°49'	98°20'	12/1946	06/1955	77	10
1101	Smithville	8415	Bastrop	340	30°00'	97°09'	05/1917	12/2001	95	84
1102	Snyder	8433	Scurry	2,335	32°42'	100°54'	05/1911	12/2001	95	91
1103	Socorro	8435	El Paso*	3,661	31°39'	106°17'	04/1918	10/1950	90	32
1104	Somerville	8445	Burleson*	249	30°21'	96°31'	01/1908	09/1951	86	25
1105	Somerville Dam	8446	Burleson	263	30°20'	96°32'	04/1963	12/2001	95	38
1106	Sonora	8449	Sutton	2,138	30°34'	100°39'	12/1902	12/2001	90	68
1107	Sonora Experiment Station	8450	Edwards	2,503	30°16'	100°34'	09/1959	02/1964	73	6
1108	Sour Lake 5 SE	8455	Hardin	33	30°06'	94°20'	08/1948	08/1948	8	1
1109	South Camp 6666	8468	King	1,870	33°30'	100°26'	04/1971	12/2001	80	12
1110	South Padre Island	8487	Cameron	5	26°04'	97°09'	02/1992	12/2001	96	10
1111	Southland	8477	Garza*	3,022	33°22'	101°33'	08/1925	09/1931	88	7
1112	Speaks 2	8519	Lavaca	143	29°16'	96°41'	01/1967	12/2001	94	35
1113	Spearman	8523	Hansford	3,095	36°11'	101°11'	08/1920	12/2001	98	82
1114	Spicewood	8531	Burnet	850	30°29'	98°10'	02/1968	12/2001	98	34
1115	Spinks Ranch	8536	Menard	2,231	30°46'	99°50'	03/1948	03/1964	94	17
1116	Splendora	8538	Montgomery*	161	30°14'	95°10'	09/1947	08/1951	80	5
1117	Spring Branch 2 SE	8544	Comal	1,119	29°51'	98°22'	03/1956	12/2001	98	44
1118	Spring Branch 3 SSW	8541	Comal	1,190	29°50'	98°26'	03/1995	05/1997	73	3
1119	Springtown	8561	Parker	869	32°58'	97°40'	05/1957	03/1978	94	22
1120	Spur	8566	Dickens	2,297	33°28'	100°52'	05/1911	12/2001	97	69
1121	Stamford 1	8583	Jones	1,640	32°56'	99°48'	02/1911	12/2001	94	86
1122	Stamford 2	8584	Jones	1,601	32°57'	99°48'	06/1948	09/1951	70	4
1123	Stephenville 1 N	8623	Erath	1,309	32°14'	98°11'	05/1918	12/2001	93	67
1124	Stephenville 4 NNE	8624	Henderson*	1,421	32°17'	96°12'	03/1969	11/1972	94	4
1125	Stephenville 6 SW	8625	Erath	1,450	32°10'	98°19'	06/1948	11/1968	86	9
1126	Sterley	8628	Floyd*	3,251	34°12'	101°24'	03/1947	02/1960	75	14
1127	Sterling City	8630	Sterling	2,265	31°50'	100°58'	04/1926	12/2001	96	76
1128	Sterling City 8 NE	8631	Sterling	2,710	31°55'	100°52'	06/1949	12/2001	94	28
1129	Sterling City 9 NW	8632	Sterling*	2,402	31°54'	101°08'	07/1949	08/1960	82	12
1130	Stiles	8640	Reagan*	2,904	31°24'	101°28'	04/1916	04/1918	69	3
1131	Stillhouse Hollow Dam	8646	Bell	706	31°02'	97°31'	07/1963	12/2001	97	39
1132	Stinnett	8647	Hutchinson	3,130	35°50'	101°27'	02/1929	02/1944	38	5
1133	Stockdale 4 N	8658	Wilson	475	29°17'	97°58'	12/1940	12/2001	92	30
1134	Stony	8677	Denton*	702	33°14'	97°20'	09/1948	09/1951	47	4
1135	Stowell	8683	Chambers*	*20	29°47'	94°23'	06/1911	07/1915	54	4
1136	Stratford	8692	Sherman	3,693	36°20'	102°04'	07/1911	12/2001	95	80

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1137	Strawn 8 NNE	8696	Palo Pinto	1,180	32°39'	98°28'	03/1949	12/2001	99	53
1138	Study Butte	8713	Brewster*	2,602	29°19'	103°32'	03/1923	12/1929	97	7
1139	Study Butte	8714	Brewster	2,550	29°19'	103°30'	05/1993	12/2001	95	9
1140	Substation 14	8721	Edwards	2,602	30°16'	100°35'	05/1922	12/1952	98	31
1141	Sugar Land	8728	Fort Bend	82	29°37'	95°38'	09/1946	12/2001	98	56
1142	Sulphur Springs	8743	Hopkins	495	33°09'	95°38'	01/1897	12/2001	96	93
1143	Sunray 4 SW	8761	Moore	3,543	35°58'	101°52'	11/1932	08/1984	88	28
1144	Sutherland Springs	8773	Wilson*	*416	29°17'	98°03'	06/1910	07/1917	82	8
1145	Sweetwater Avenger	8789	Nolan*	2,392	32°28'	100°28'	11/1916	10/1928	65	6
1146	Tahoka	8818	Lynn	3,120	33°10'	101°47'	03/1913	12/2001	95	77
1147	Talpa	8824	Coleman	1,932	31°46'	99°42'	03/1948	05/1965	94	18
1148	Tampico	8833	Hall	2,251	34°28'	100°49'	08/1947	11/1984	94	38
1149	Tarpley	8845	Bandera	1,404	29°40'	99°17'	10/1937	12/2001	94	35
1150	Tascosa	8852	Oldham	3,412	35°34'	102°18'	09/1947	07/1984	97	38
1151	Tatum	8859	Rusk	269	32°18'	94°31'	06/1948	09/1951	78	4
1152	Taylor	8861	Williamson	565	30°34'	97°24'	01/1929	08/2001	99	73
1153	Taylor 1 NW	8862	Williamson	571	30°35'	97°24'	09/2000	12/2001	67	2
1154	Taylor Ranch	8863	San Saba	2,003	30°57'	98°56'	03/1966	12/2001	99	36
1155	Teague	8874	Freestone*	*512	31°38'	96°17'	10/1913	06/1917	75	5
1156	Teague Ranch	8877	Gillespie	1,630	30°25'	98°48'	03/1966	12/2001	99	36
1157	Telegraph	8897	Kimble	1,721	30°19'	99°54'	03/1948	12/2001	93	53
1158	Telephone	8898	Fannin	541	33°47'	96°01'	09/1947	01/1958	81	12
1159	Temple	8910	Bell	635	31°05'	97°19'	01/1897	12/2001	97	104
1160	Temple 3 SE	8911	Bell*	650	31°03'	97°21'	06/1948	10/1952	77	5
1161	Tennyson	8920	Coke	1,962	31°44'	100°18'	03/1948	12/1965	87	18
1162	Terlingua	8924	Brewster*	2,592	29°18'	103°33'	06/1948	09/1951	83	4
1163	Terlingua Ranch	8926	Brewster	3,680	29°27'	103°23'	05/1993	12/2001	96	9
1164	Terrell	8929	Kaufman	515	32°46'	96°17'	10/1947	12/2001	95	55
1165	Tesco	8939	Nolan	2,001	32°30'	100°15'	09/1944	12/1971	97	28
1166	Texarkana	8942	Bowie	390	33°25'	94°05'	10/1968	12/2001	97	34
1167	Texarkana Dam	8944	Cass	282	33°18'	94°10'	12/1955	07/1974	92	20
1168	Texline	8964	Dallam*	*4,419	36°25'	102°50'	08/1904	08/1912	76	9
1169	Theodore	8979	Winkler*	*2,856	31°51'	103°10'	05/1910	09/1913	85	4
1170	Thompsons 3 WSW	8996	Fort Bend	72	29°29'	95°38'	02/1942	12/2001	92	49
1171	Thorndale	9001	Milam	475	30°37'	97°12'	02/1968	12/2001	99	34
1172	Thornton 1 SSE	9004	Limestone	475	31°23'	96°34'	09/1947	12/2001	96	55
1173	Three Rivers	9009	Live Oak	151	28°28'	98°11'	05/1922	12/1987	99	66
1174	Three Rivers 8 NE	9007	Live Oak	250	28°34'	98°08'	01/1988	12/2001	99	14
1175	Throckmorton	9014	Throckmorton	1,370	33°10'	99°11'	01/1924	09/1999	98	76
1176	Throckmorton 7 NE	9016	Throckmorton	1,230	33°17'	99°06'	03/2000	12/2001	89	2
1177	Throckmorton 8 NNW	9013	Throckmorton	*1,393	33°18'	99°13'	01/1960	02/1964	78	5
1178	Thurber 5 NE	9015	Palo Pinto	964	32°32'	98°20'	07/1910	02/1991	90	54
1179	Tilden 4 SSE	9031	McMullen	345	28°24'	98°31'	11/1903	12/2001	89	54
1180	Tilden 9 S	9030	McMullen	246	28°19'	98°34'	06/1997	12/2001	92	5
1181	Tinnin Ranch	9037	Reeves*	3,232	31°19'	103°59'	06/1948	09/1951	82	4
1182	Toledo Bend Dam	9068	Newton	190	31°10'	93°33'	07/1975	12/2001	98	27
1183	Tomball	9076	Harris	210	30°06'	95°37'	09/1946	12/2001	96	56
1184	Tornillo 2 SSE	9088	El Paso	3,525	31°24'	106°03'	09/1946	12/2001	92	24
1185	Tow 3 SE	9099	Llano	1,050	30°51'	98°26'	04/1978	12/2001	98	24
1186	Town Bluff Dam	8568	Tyler	210	30°48'	94°11'	08/1953	01/1970	92	18
1187	Town Bluff Dam	9101	Tyler	214	30°48'	94°11'	02/1970	12/2001	98	32
1188	Toyah	9106	Reeves	2,812	31°18'	103°48'	09/1947	02/1977	91	30

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
1189	Trent 2 SSW	9122	Taylor	1,925	32°27'	100°07'	01/1948	12/2001	97	54
1190	Trenton	9125	Fannin	760	33°23'	96°20'	10/1947	12/2001	95	55
1191	Tri City Airport	9129	Hidalgo*	200	26°24'	98°21'	06/1948	05/1950	66	3
1192	Trickham	9132	Coleman	1,401	31°35'	99°13'	03/1948	12/1965	99	18
1193	Trinidad 1 SW	9136	Henderson	239	32°08'	96°06'	01/1915	04/1966	91	23
1194	Trinidad Power Plant	9137	Henderson	292	32°08'	96°06'	05/1966	03/1990	91	25
1195	Trinity	9139	Trinity*	230	30°57'	95°23'	05/1900	05/1907	76	8
1196	Troup	9147	Smith*	469	32°09'	95°07'	07/1913	01/1931	93	19
1197	Troy	9153	Bell	700	31°12'	97°17'	09/1947	12/2001	99	55
1198	Truby 3 ESE	9154	Jones	1,713	32°38'	99°53'	09/1947	08/1972	95	26
1199	Trunk	9162	Martin*	2,533	32°13'	101°43'	01/1948	01/1949	49	2
1200	Truscott 3 W	9163	Knox	1,571	33°45'	99°51'	09/1948	12/2001	92	43
1201	Tuco Station	9169	Hale*	3,353	33°53'	101°51'	12/1946	10/1952	75	7
1202	Tulia	9175	Swisher	3,470	34°31'	101°45'	05/1947	12/2001	97	55
1203	Tulia 6 NE	9176	Swisher*	3,504	34°36'	101°42'	01/1897	11/1952	84	51
1204	Turkey	9191	Hall	2,330	34°23'	100°53'	10/1947	12/2001	90	47
1205	Tyler	9207	Smith	550	32°18'	95°17'	03/1984	12/2001	99	18
1206	Tyler 5 NE	9214	Smith	489	32°24'	95°16'	01/1955	01/1984	97	30
1207	Tyler Pounds Field	9213	Smith	544	32°21'	95°24'	07/1898	11/1954	84	20
1208	Umbarger	9224	Randall	3,746	34°57'	102°06'	10/1947	12/2001	97	55
1209	Upland	9248	Upton*	2,602	31°23'	102°00'	08/1948	08/1948	7	1
1210	Utopia	9260	Uvalde	1,338	29°35'	99°31'	02/1991	12/2001	92	11
1211	Uvalde	9265	Uvalde	912	29°13'	99°46'	03/1905	05/1985	95	81
1212	Uvalde	9267	Uvalde*	932	29°14'	99°48'	03/1920	12/1946	98	27
1213	Uvalde 3 SW	9268	Uvalde	920	29°11'	99°49'	08/1985	12/2001	88	17
1214	Uvalde 9 SW	9264	Uvalde	828	29°08'	99°54'	08/1996	08/1998	66	3
1215	Valentine	9270	Jeff Davis	4,430	30°35'	104°30'	06/1978	12/2001	97	24
1216	Valentine 10 WSW	9275	Presidio	4,420	30°33'	104°38'	03/1897	12/2001	96	72
1217	Valley Junction	9280	Robertson	269	30°50'	96°38'	04/1902	12/1977	92	39
1218	Valley Mills	9282	Bosque	630	31°39'	97°28'	01/1992	12/2001	89	10
1219	Valley View	9286	Cooke	725	33°29'	97°09'	09/1947	12/2001	98	55
1220	Van Horn	9295	Culberson	4,065	31°02'	104°50'	01/1939	12/2001	91	63
1221	Vancourt	9304	Tom Green	1,903	31°21'	100°11'	04/1948	12/1965	89	18
1222	Vancourt 5 SW	9307	Tom Green*	1,903	31°21'	100°14'	06/1948	01/1949	31	2
1223	Vanderpool	9311	Bandera	1,601	29°45'	99°34'	08/1978	09/1993	94	16
1224	Vanderpool 10 N	9312	Bandera	2,265	29°48'	99°34'	08/1996	12/2001	90	6
1225	Vanderpool 4 N	9313	Bandera	1,825	29°48'	99°34'	10/1994	12/2001	91	8
1226	Vega	9330	Oldham	4,012	35°15'	102°25'	03/1923	04/1983	98	61
1227	Venus	9337	Johnson	659	32°26'	97°06'	09/1947	10/1964	95	18
1228	Vernon	9346	Wilbarger	1,227	34°09'	99°19'	03/1904	12/2001	95	72
1229	Victoria ASOS	9364	Victoria	115	28°51'	96°55'	07/1961	12/2001	99	41
1230	Victoria CP&D	9365	Victoria	61	28°47'	97°00'	01/1922	12/2001	94	42
1231	Victoria Fire Station No. 5	9361	Victoria	101	28°51'	97°01'	11/1999	12/2001	71	3
1232	Victoria Regional Airport	9367	Victoria	104	28°50'	96°55'	04/1999	12/2001	89	3
1233	Victoria WB Airport	9363	Victoria*	115	28°47'	97°05'	12/1946	06/1961	91	16
1234	Voss 1 WSW	9410	Coleman	1,650	31°37'	99°35'	01/1949	03/1981	93	33
1235	Waco	9421	McLennan*	381	31°32'	97°04'	09/1946	12/1957	94	12
1236	Waco	9415	McLennan	627	31°33'	97°12'	11/1995	12/2001	87	7
1237	Waco Dam	9417	McLennan	495	31°36'	97°13'	03/1965	12/2001	96	37
1238	Waco Regional Airport	9419	McLennan	500	31°36'	97°13'	01/1930	12/2001	100	70
1239	Waelder 7 S	9424	Gonzales	342	29°36'	97°19'	09/1947	02/1993	90	46
1240	Walcott	9435	Deaf Smith	4,114	34°56'	102°59'	06/1971	08/1976	86	6

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
1241	Waller	9448	Waller	143	30°03'	95°56'	09/1947	08/1998	95	52
1242	Walnut Springs 4 ESE	9456	Bosque	860	32°02'	97°42'	05/1963	05/1965	68	3
1243	Warren 2 S	9480	Tyler	110	30°35'	94°24'	05/1935	06/1992	94	51
1244	Washington State Park	9491	Washington	215	30°20'	96°09'	04/1915	12/2001	92	57
1245	Water Valley	9499	Tom Green	2,120	31°40'	100°43'	07/1898	12/2001	94	55
1246	Water Valley 11 ENE	9500	Coke*	2,142	31°42'	100°32'	04/1949	07/1958	63	10
1247	Water Valley 11 NNE	9501	Coke	2,455	31°48'	100°37'	02/1959	12/2001	97	43
1248	Waters Bluff	9503	Smith	504	32°31'	95°07'	11/2001	12/2001	17	1
1249	Watson	9504	Burnet	1,005	30°55'	98°01'	02/1968	12/2001	99	34
1250	Waxahachie	9522	Ellis	630	32°25'	96°51'	05/1897	12/2001	97	104
1251	Wayside	9527	Armstrong	3,400	34°47'	101°32'	06/1948	09/1951	76	4
1252	Weatherford	9532	Parker	955	32°44'	97°46'	01/1902	12/2001	97	100
1253	Webb	9538	Tarrant*	650	32°42'	97°04'	09/1947	12/1959	94	13
1254	Weimar	9549	Colorado*	*416	29°42'	96°47'	02/1902	09/1903	62	2
1255	Welder Wildlife Foundation	9559	San Patricio	50	28°06'	97°25'	10/1964	12/2001	97	38
1256	Wellington	9565	Collingsworth	2,040	34°50'	100°12'	04/1912	12/2001	90	62
1257	Weslaco 2 E	9588	Hidalgo	75	26°09'	97°58'	09/1947	12/2001	97	55
1258	West	9593	McLennan	642	31°48'	97°06'	05/1952	12/2001	90	11
1259	Westway	9646	Deaf Smith*	*3,933	34°49'	102°34'	09/1947	08/1948	31	2
1260	Wharton	9655	Wharton	111	29°18'	96°05'	05/1902	12/2001	90	66
1261	Wheeler	9662	Wheeler	2,495	35°26'	100°16'	04/1979	12/2001	97	23
1262	Wheelock	9665	Robertson	420	30°54'	96°23'	06/1948	09/1951	79	4
1263	White Oak 1 WSW	9709	Gregg	315	32°30'	94°53'	08/2000	12/2001	71	2
1264	White River Reservoir	9711	Crosby	2,412	33°27'	101°05'	10/1997	12/2001	85	5
1265	Whitehouse 2 SE	9708	Smith	515	32°12'	95°12'	01/1992	12/2001	94	10
1266	Whitney Dam	9715	Bosque	574	31°51'	97°22'	10/1949	12/2001	98	53
1267	Whitsett	9717	Live Oak	258	28°39'	98°15'	10/1964	12/2001	97	38
1268	Whitsett 3 SW	9716	Live Oak	210	28°38'	98°16'	05/1914	09/1964	96	49
1269	Wichita Falls 10th Street	9727	Wichita	924	33°55'	98°32'	07/1940	07/1940	1	1
1270	Wichita Falls 5 SW Airport	9723	Wichita	988	33°54'	98°33'	01/1996	12/2001	100	6
1271	Wichita Falls WSO Airport	9729	Wichita	1,030	33°58'	98°29'	01/1897	12/2001	95	101
1272	Wichita Valley 55	9732	Wichita*	991	33°56'	98°37'	05/1939	03/1954	68	16
1273	Wichita Valley Farm 29	9730	Wichita	961	33°56'	98°35'	04/1939	08/1972	90	29
1274	Wiergate	9734	Newton*	180	31°01'	93°43'	08/1925	08/1943	89	19
1275	Wildwood	9754	Tyler	200	30°31'	94°26'	02/1992	12/2001	99	10
1276	William Harris Reservoir	9772	Brazoria	39	29°15'	95°33'	01/1949	04/1964	94	16
1277	Willis	9780	Montgomery*	*348	30°26'	95°29'	01/1907	01/1928	64	11
1278	Wills Point	9800	Van Zandt	522	32°42'	96°01'	04/1905	12/2001	97	82
1279	Wilson	9809	Lynn*	3,202	33°20'	101°42'	07/1942	08/1946	82	5
1280	Wilson Ranch	9813	Bandera*	2,280	29°54'	99°36'	09/1947	06/1962	92	16
1281	Wimberley 1 NW	9815	Hays	830	30°00'	98°03'	11/1984	12/2001	94	18
1282	Wimberley 2	9814	Hays	1,112	29°58'	98°04'	03/1984	10/1984	67	1
1283	Winchell 1 WNW	9816	Brown	1,381	31°29'	99°11'	03/1948	01/1965	80	18
1284	Winfield	9826	Franklin*	479	33°09'	95°08'	01/1910	10/1936	99	27
1285	Wink FAA Airport	9830	Winkler	2,807	31°46'	103°12'	06/1938	12/2001	96	60
1286	Winnsboro 6 SW	9836	Wood	429	32°53'	95°20'	10/1947	12/2001	91	55
1287	Winter Haven Experiment	9842	Dimmit	600	28°38'	99°52'	09/1947	02/1964	91	18
1288	Winters 1 NNE	9847	Runnels	1,862	31°58'	99°57'	08/1968	12/2001	97	34
1289	Winters 9 NNE	9845	Taylor	1,972	32°06'	99°54'	07/1911	06/1968	86	44
1290	Witt Ranch	9853	Nolan	2,090	32°29'	100°18'	01/1972	11/1975	98	4
1291	Wolf Creek Dam	9858	Ochiltree	2,703	36°14'	100°40'	06/1948	09/1951	83	4
1292	Wolfe City	9859	Hunt	660	33°21'	96°04'	09/1947	12/2001	98	55

Table 1. Summary of National Weather Service daily precipitation stations in Texas with known names, latitudes, and longitudes—Continued

Seq. no.	NWS station name	NWS station no.	County	Elev. (ft above NGVD 29)	Lati-tude	Longi-tude	Begining date (mm/yyyy)	Ending date (mm/yyyy)	Per-cent cov-erage	Years of record
1293	Woodsboro	9892	Refugio*	49	28°14'	97°20'	08/1916	07/1964	95	49
1294	Woodson	9893	Throckmorton	1,263	33°01'	99°03'	06/1948	12/2001	87	16
1295	Woodville	9896	Tyler*	230	30°47'	94°26'	04/1917	02/1919	58	3
1296	Woodville	9898	Tyler	283	30°46'	94°24'	09/1988	12/2001	83	14
1297	Worlds End Ranch	9904	Kerr	1,923	29°58'	99°26'	04/1976	08/1983	93	8
1298	Wortham	9912	Freestone	495	31°47'	96°27'	01/1992	01/1996	81	5
1299	Wright Patman Dam and Lake	9916	Cass	282	33°18'	94°10'	08/1974	12/2001	95	28
1300	WTU Lake Pauline	9935	Hardeman	1,503	34°15'	99°41'	12/1978	05/1979	25	2
1301	Yoakum	9952	Lavaca	325	29°16'	97°07'	07/1917	12/2001	95	80
1302	Yorktown	9953	DeWitt	260	28°58'	97°31'	10/1947	12/2001	93	55
1303	Young	9959	Freestone*	*348	31°51'	96°05'	09/1947	08/1948	40	2
1304	Youngsport	9962	Bell	735	30°57'	97°43'	01/1992	12/2001	100	10
1305	Ysleta	9966	El Paso	3,670	31°41'	106°19'	02/1939	12/2001	98	63
1306	Zapata 3 SW	9976	Zapata	320	26°52'	99°15'	01/1909	12/2001	87	47

Table 2. National Weather Service daily precipitation stations in Texas, by county

County no.	County name	Station sequence no. (table 1)	County no.	County name	Station sequence no. (table 1)
1	Anderson	435, 887	49	Cooke	387, 448, 449, 818, 1219
2	Andrews	29	50	Coryell	260, 261, 262, 269, 391, 407, 460, 579, 678, 914
3	Angelina	718, 719, 720	51	Cottle	202, 501, 670, 881, 882, 884
4	Aransas	35, 36, 37, 1007, 1010	52	Crane	279, 280
5	Archer	38, 350, 658, 868, 1072	53	Crockett	6, 95, 613, 879, 880
6	Armstrong	230, 1251	54	Crosby	286, 711, 1264
7	Atascosa	212, 542, 608, 763, 927, 945, 1027	55	Culberson	497, 917, 1040, 1220
8	Austin	84, 1074	56	Dallam	156, 240, 254, 299, 1168
9	Bailey	819, 820, 821	57	Dallas	190, 303, 304, 305, 388, 603, 817
10	Bandera	765, 1149, 1223, 1224, 1225, 1280	58	Dawson	663, 899
11	Bastrop	70, 197, 378, 600, 975, 1101	59	DeWitt	292, 293, 1302
12	Baylor	657, 976, 984, 1079	60	Deaf Smith	114, 452, 453, 533, 534, 1240, 1259
13	Bee	83, 167	61	Delta	256
14	Bell	86, 631, 632, 1038, 1131, 1159, 1160, 1197, 1304	62	Denton	323, 324, 615, 655, 680, 681, 682, 683, 694, 916, 969, 1001, 1066, 1134
15	Bexar	229, 380, 963, 1046, 1047, 1048, 1049	63	Dickens	331, 919, 1120
16	Blanco	103, 295, 523, 582, 604, 1029, 1065	64	Dimmit	42, 100, 189, 196, 1287
17	Borden	447, 877	65	Donley	226
18	Bosque	234, 235, 281, 776, 777, 807, 1218, 1242, 1266	66	Duval	87, 88, 252, 438
19	Bowie	315, 750, 829, 838, 839, 1092, 1093, 1166	67	Eastland	187, 357, 484, 964, 965, 998, 999
20	Brazoria	22, 30, 128, 437, 514, 1053, 1276	68	Ector	609, 864, 905
21	Brazos	150, 242, 243	69	Edwards	17, 238, 772, 1011, 1012, 1013, 1014, 1015, 1107, 1140
22	Brewster	18, 115, 195, 222, 257, 524, 549, 649, 734, 752, 871, 895, 910, 911, 962, 1138, 1139, 1162, 1163	70	El Paso	271, 272, 369, 371, 393, 394, 646, 1103, 1184, 1305
23	Briscoe	958, 1091	71	Ellis	52, 67, 385, 404, 753, 787, 788, 974, 1250
24	Brooks	398	72	Erath	203, 344, 345, 572, 676, 808, 1123, 1125
25	Brown	104, 147, 166, 525, 1283	73	Falls	540, 742, 971, 1022
26	Burleson	168, 244, 1104, 1105	74	Fannin	110, 546, 653, 1158, 1190
27	Burnet	92, 137, 163, 164, 662, 735, 1114, 1249	75	Fayette	408, 643, 1071
28	Caldwell	700, 701, 721, 722	76	Fisher	1005, 1028
29	Calhoun	929, 939, 941	77	Floyd	415, 416, 1126
30	Callahan	55, 288, 289, 756, 872, 955	78	Foard	290
31	Cameron	78, 146, 512, 938, 1051, 1052, 1068, 1110	79	Fort Bend	79, 237, 277, 459, 926, 992, 1023, 1141, 1170
32	Camp	920	80	Franklin	502, 816, 1284
33	Carson	893	81	Freestone	396, 705, 862, 863, 1155, 1298, 1303
34	Cass	45, 691, 754, 1167, 1299	82	Frio	327, 332, 440, 901, 902
35	Castro	334, 335, 515, 833	83	Gaines	708, 709, 1073, 1078
36	Chambers	26, 1135	84	Galveston	450, 451, 565, 852
37	Cherokee	19, 330, 593, 594, 843, 1033	85	Garza	651, 930, 943, 1111
38	Childress	215, 216, 217, 218	86	Gillespie	188, 270, 338, 436, 473, 513, 994, 1156
39	Clay	211, 532	87	Glasscock	148, 454
40	Cochran	733, 810	88	Goliad	475, 476, 477
41	Coke	861, 1003, 1089, 1161, 1246, 1247	89	Gonzales	85, 213, 343, 478, 479, 480, 848, 1239
42	Coleman	159, 241, 470, 485, 547, 673, 857, 1067, 1090, 1147, 1192, 1234	90	Gray	759, 889, 890
43	Collin	31, 198, 400, 442, 498, 671, 758, 990	91	Grayson	321, 322, 483, 1085
44	Collingsworth	1256	92	Gregg	469, 706, 1263
45	Colorado	169, 246, 954, 1006, 1254	93	Grimes	27, 82, 832, 989
46	Comal	155, 182, 183, 184, 395, 406, 840, 1100, 1117, 1118	94	Guadalupe	633, 1076, 1077
47	Comanche	247, 310, 953	95	Hale	1, 361, 503, 504, 516, 923, 924, 1201
48	Concho	253, 276, 358, 359, 386, 885	96	Hall	135, 767, 1148, 1204

Table 2. National Weather Service daily precipitation stations in Texas, by county—Continued

County no.	County name	Station sequence no. (table 1)	County no.	County name	Station sequence no. (table 1)
97	Hamilton	508, 537, 585	141	Lamb	695, 696, 869
98	Hansford	496, 543, 809, 1113	142	Lampasas	7, 623, 664, 703, 847
99	Hardeman	220, 259, 956, 1300	143	Lavaca	506, 1112, 1301
100	Hardin	640, 723, 1088, 1108	144	Lee	107, 333, 403, 464, 684, 944
101	Harris	77, 294, 481, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 566, 567, 568, 569, 570, 571, 574, 584, 620, 621, 853, 898, 900, 1183	145	Leon	153, 201, 602
102	Harrison	507, 511, 618, 743	146	Liberty	233, 685, 1018
103	Hartley	127, 206, 208, 300, 301, 302, 517, 783, 1019	147	Limestone	494, 780, 1172
104	Haskell	518, 519, 520, 824	148	Lipscomb	112, 113, 307, 418, 539, 693
105	Hays	340, 531, 642, 1058, 1281, 1282	149	Live Oak	223, 461, 1173, 1174, 1267, 1268
106	Hemphill	177, 178, 446	150	Llano	151, 194, 687, 698, 699, 812, 948, 1185
107	Henderson	44, 726, 946, 1124, 1193, 1194	151	Loving	770
108	Hidalgo	360, 384, 538, 644, 755, 760, 761, 773, 774, 797, 798, 1056, 1057, 1069, 1191, 1257	152	Lubbock	714, 715, 716, 717, 967
109	Hill	34, 126, 541, 590, 591, 639	153	Lynn	860, 1096, 1146, 1279
110	Hockley	679, 912	154	Madison	149, 727, 789
111	Hood	283, 487, 692, 894	155	Marion	601
112	Hopkins	1142	156	Martin	677, 1199
113	Houston	285, 491, 713, 849, 968	157	Mason	186, 595, 744, 746, 931
114	Howard	5, 98, 99, 420	158	Matagorda	74, 75, 748, 886
115	Hudspeth	263, 320, 370, 422, 586, 1039, 1041, 1087	159	Maverick	356, 368
116	Hunt	249, 493, 580, 957, 1292	160	McCulloch	125, 174, 337, 405, 605, 736, 775, 834, 921
117	Hutchinson	116, 117, 928, 1132	161	McLennan	282, 535, 764, 993, 1024, 1235, 1236, 1237, 1238, 1258
118	Irion	68, 445, 779, 1086	162	McMullen	4, 171, 287, 1179, 1180
119	Jack	33, 592, 844	163	Medina	328, 544, 545, 725, 766, 830, 997
120	Jackson	362, 363, 364, 751	164	Menard	170, 444, 536, 768, 769, 771, 1115
121	Jasper	390, 548, 597, 598, 636, 1009, 1042	165	Midland	785, 786
122	Jeff Davis	62, 106, 219, 352, 421, 627, 628, 634, 740, 778, 814, 1099, 1215	166	Milam	162, 172, 308, 1008, 1171
123	Jefferson	80, 81, 935, 936, 937, 1036	167	Mills	200, 474, 800, 822, 952, 981
124	Jim Hogg	11, 526, 616	168	Mitchell	245, 654, 710
125	Jim Wells	14, 15, 749, 1054	169	Montague	111, 119, 419, 803, 995
126	Johnson	20, 21, 160, 161, 231, 232, 688, 689, 1227	170	Montgomery	255, 296, 728, 806, 841, 1116, 1277
127	Jones	32, 509, 522, 858, 1121, 1122, 1198	171	Moore	185, 207, 346, 347, 1143
128	Karnes	225, 399, 619, 625, 1032	172	Morris	297, 828, 870
129	Kaufman	278, 622, 660, 1026, 1164	173	Motley	411, 747, 854, 1002
130	Kendall	65, 108, 248, 379, 624, 855, 1095	174	Nacogdoches	221, 339, 826, 827
131	Kenedy	40, 1070	175	Navarro	267, 268, 309, 443, 831, 988
132	Kent	599	176	Newton	109, 845, 846, 1182, 1274
133	Kerr	175, 336, 505, 576, 577, 587, 629, 630, 724, 836, 1297	177	Nolan	102, 850, 1021, 1145, 1165, 1290
134	Kimble	134, 351, 610, 611, 704, 825, 1020, 1075, 1157	178	Nueces	10, 66, 101, 138, 209, 264, 265, 414, 934, 1004, 1080
135	King	71, 72, 90, 348, 499, 866, 883, 1025, 1109	179	Ochiltree	154, 401, 856, 906, 907, 908, 909, 1291
136	Kinney	123, 124	180	Oldham	9, 122, 1150, 1226
137	Kleberg	392, 635, 987	181	Orange	329, 873, 874, 875, 876
138	Knox	91, 638, 823, 986, 1200	182	Palo Pinto	129, 482, 659, 795, 888, 942, 1137, 1178
139	La Salle	76, 273, 274, 275, 433, 712	183	Panola	93, 192, 458, 669
140	Lamar	41, 326, 782, 896	184	Parker	13, 932, 985, 1119, 1252

Table 2. National Weather Service daily precipitation stations in Texas, by county—Continued

County no.	County name	Station sequence no. (table 1)	County no.	County name	Station sequence no. (table 1)
185	Parmer	118, 441	220	Tarrant	39, 89, 140, 298, 354, 355, 389, 427, 428, 429, 430, 431, 468, 492, 626, 731, 745, 1037, 1253
186	Pecos	57, 58, 152, 205, 425, 426, 467, 583, 1083	221	Taylor	2, 3, 650, 672, 1189, 1289
187	Polk	266, 697, 811	222	Terrell	341, 342, 1063, 1064
188	Potter	24, 165	223	Terry	144, 145
189	Presidio	94, 139, 157, 179, 409, 737, 738, 739, 741, 925, 949, 1031, 1216	224	Throckmorton	1175, 1176, 1177, 1294
190	Rains	381, 589, 661	225	Titus	815
191	Randall	181, 1208	226	Tom Green	224, 859, 1034, 1043, 1044, 1045, 1062, 1221, 1222, 1245
192	Reagan	96, 97, 258, 1130	227	Travis	46, 47, 48, 49, 50, 729, 732, 913
193	Real	176, 284, 674, 675, 947	228	Trinity	495, 1195
194	Red River	53, 120, 227, 228, 617, 730, 835	229	Tyler	581, 1186, 1187, 1243, 1275, 1295, 1296
195	Reeves	60, 61, 63, 64, 903, 904, 933, 950, 973, 1181, 1188	230	Upshur	465, 466
196	Refugio	51, 978, 979, 980, 1293	231	Upton	762, 784, 966, 1209
197	Roberts	781	232	Uvalde	105, 236, 457, 648, 805, 1035, 1210, 1211, 1212, 1213, 1214
198	Robertson	132, 434, 1217, 1262	233	Val Verde	25, 56, 191, 250, 251, 316, 317, 318, 319, 402, 573, 612, 614, 665, 666, 702, 891, 892
199	Rockwall	1016, 1017	234	Van Zandt	180, 365, 382, 1278
200	Runnels	59, 1288	235	Victoria	1229, 1230, 1231, 1232, 1233
201	Rusk	472, 530, 707, 813, 878, 951, 983, 1151	236	Walker	432, 578, 1000, 1055
202	Sabine	143, 204, 527, 528, 790, 918	237	Waller	529, 1241
203	San Augustine	141, 142, 1050	238	Ward	69, 488, 801, 802
204	San Jacinto	239, 1084	239	Washington	133, 1244
205	San Patricio	1094, 1255	240	Webb	383, 423, 439, 667, 668, 796, 865
206	San Saba	210, 214, 417, 791, 972, 991, 1060, 1061, 1098, 1154	241	Wharton	306, 366, 367, 842, 915, 1260
207	Schleicher	311, 349, 372, 373, 374, 375, 376, 424, 606, 607, 757	242	Wheeler	8, 16, 799, 1081, 1082, 1261
208	Scurry	637, 1102	243	Wichita	158, 377, 588, 1269, 1270, 1271, 1272, 1273
209	Shackelford	12	244	Wilbarger	500, 1228
210	Shelby	199, 837	245	Willacy	804, 940, 970, 1059
211	Sherman	1136	246	Williamson	28, 412, 462, 463, 489, 490, 596, 686, 851, 1030, 1152, 1153
212	Smith	353, 410, 690, 793, 1196, 1205, 1206, 1207, 1248, 1265	247	Wilson	413, 647, 1133, 1144
213	Somervell	471, 961	248	Winkler	1169, 1285
214	Starr	173, 397, 996	249	Wise	23, 121, 136, 312, 313, 314, 652, 897, 1097
215	Stephens	130, 131	250	Wood	521, 656, 792, 794, 959, 960, 1286
216	Sterling	54, 193, 455, 456, 1127, 1128, 1129	251	Yoakum	325, 922
217	Stonewall	43	252	Young	486, 867
218	Sutton	575, 977, 982, 1106	253	Zapata	1306
219	Swisher	510, 641, 1202, 1203	254	Zavala	73, 291, 645

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch

[--, not available, no events that equal or exceed the threshold were observed]

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1	7.93	2,461	19,514	24624508	2.192	.986	.014	10.07	1,937	19,514	19604211	2.843	.998	.002
2	7.27	33	240	3818	-.357	.361	.361	9.23	26	240	2995	-.354	.362	.362
3	7.65	2,577	19,720	25885412	1.648	.950	.050	9.40	2,099	19,720	21095151	1.530	.937	.063
4	8.96	939	8,416	3969846	.249	.598	.402	10.51	801	8,416	3367935	-.039	.484	.484
5	10.82	1,755	18,993	16569638	-.421	.337	.337	12.23	1,553	18,993	14861685	.526	.700	.300
6	10.48	336	3,522	605347	.733	.768	.232	12.36	285	3,522	512981	.647	.741	.259
7	7.49	1,103	8,264	4766073	2.631	.996	.004	8.67	953	8,264	4064079	1.715	.957	.043
8	8.84	165	1,458	107617	-2.343	.010	.010	9.92	147	1,458	94206	-2.539	.006	.006
9	7.67	377	2,893	519681	-1.582	.057	.057	9.30	311	2,893	433373	-1.120	.132	.132
10	6.69	32	214	3809	1.102	.865	.135	7.13	30	214	3637	1.262	.896	.104
11	12.54	488	6,120	1537352	1.129	.871	.129	13.30	460	6,120	1470385	1.657	.951	.049
12	7.42	4,798	35,581	87180863	2.561	.995	.005	8.75	4,066	35,581	72910815	.877	.810	.190
13	5.99	2,507	15,005	18824756	.074	.529	.471	7.05	2,128	15,005	16068381	.516	.697	.303
14	7.13	4,204	29,966	60175440	-5.016	0	0	8.95	3,347	29,966	48747253	-2.799	.003	.003
15	8.14	210	1,709	168503	-1.531	.063	.063	10.89	157	1,709	123164	-1.778	.038	.038
16	12.30	10	123	351	-2.351	.009	.009	17.57	7	123	228	-2.156	.016	.016
17	13.67	9	123	485	-.643	.260	.260	15.38	8	123	402	-.896	.185	.185
18	8.57	3,214	27,539	46058927	4.002	1.000	0	10.98	2,509	27,539	35481609	2.345	.991	.010
19	5.21	3,694	19,240	37460618	5.701	0	0	5.99	3,212	19,240	32259190	4.320	1.000	0
20	7.70	795	6,122	2486368	1.061	.856	.144	7.78	787	6,122	2439636	.618	.732	.268
21	6.12	863	5,279	2221163	-1.267	.103	.103	6.99	755	5,279	1965508	-.652	.257	.257
22	5.34	6,469	34,541	117468023	7.164	0	0	6.12	5,646	34,541	101424478	5.226	0	0
23	7.24	164	1,187	94883	-.559	.288	.288	8.36	142	1,187	82893	-.339	.367	.367
24	7.55	2,607	19,693	26021080	1.210	.887	.113	9.59	2,053	19,693	20460777	.955	.830	.170
25	9.32	1,476	13,756	10157913	.039	.516	.484	11.91	1,155	13,756	7932570	-.085	.466	.466
26	4.79	6,494	31,099	102905232	2.663	.996	.004	5.54	5,612	31,099	88186068	1.371	.915	.085
27	5.66	3,675	20,787	38229396	.092	.536	.464	6.53	3,183	20,787	32944918	-.406	.342	.342
28	6.42	1,874	12,022	11451285	1.243	.893	.107	7.34	1,639	12,022	9947026	.676	.750	.250
29	10.39	1,529	15,884	12076351	-.374	.354	.354	12.37	1,284	15,884	10180781	-.102	.459	.459
30	4.75	6,662	31,631	103919613	-1.937	.026	.026	5.55	5,701	31,631	92565250	3.483	1.000	0
31	5.78	3,136	18,129	28744197	1.085	.861	.139	6.71	2,702	18,129	24718610	.832	.797	.203
32	7.99	2,085	16,648	18406056	4.787	1.000	0	9.16	1,817	16,648	15669485	2.659	.996	.004
33	7.10	3,266	23,183	39449795	4.162	1.000	0	8.25	2,810	23,183	33776561	3.395	1.000	0
34	5.70	636	3,622	1112562	-1.488	.068	.068	6.80	533	3,622	936091	-1.209	.113	.113
35	6.92	1,487	10,292	7872696	1.925	.973	.027	8.24	1,249	10,292	6703624	2.631	.996	.004
36	6.11	1,814	11,081	9991839	-.430	.334	.334	7.39	1,499	11,081	8297856	-.059	.476	.476
37	6.45	1,693	10,911	9157563	-.607	.272	.272	7.86	1,389	10,911	7514678	-.537	.296	.296
38	7.14	3,141	22,410	35977500	2.159	.985	.015	8.39	2,672	22,410	30695035	2.259	.988	.012
39	6.15	3,177	19,535	31243041	.666	.747	.253	7.24	2,697	19,535	26704580	1.235	.892	.109
40	7.88	1,318	10,379	7361988	4.801	1.000	0	8.93	1,162	10,379	6448159	4.092	1.000	0
41	5.72	4,335	24,787	55746924	4.290	1.000	0	6.34	3,912	24,787	49991076	3.369	1.000	0
42	8.65	86	744	29522	-1.240	.108	.108	10.78	69	744	24496	-.657	.256	.256
43	8.75	3,666	32,082	61513214	4.827	1.000	0	10.11	3,172	32,082	52400880	2.912	.998	.002
44	5.97	3,290	19,656	32857724	1.609	.946	.054	6.89	2,855	19,656	28673716	2.028	.979	.021
45	5.09	3,724	18,947	34223115	-3.164	.001	.001	5.78	3,278	18,947	30529406	-1.676	.047	.047
46	5.96	4,338	25,853	56518846	.903	.817	.183	7.37	3,510	25,853	45649991	.629	.735	.265
47	6.55	971	6,363	3145239	.978	.836	.164	8.03	792	6,363	2615098	1.845	.967	.033
48	6.34	891	5,648	2477823	-.788	.215	.215	7.96	710	5,648	1985970	-.439	.330	.330

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
49	3.87	78	302	12428	0.844	.801	.199	4.79	63	302	10332	1.184	.882	.118
50	6.58	139	915	68916	1.710	.956	.044	7.69	119	915	58621	1.450	.926	.074
51	6.65	2,741	18,223	25954431	3.558	1.000	0	7.69	2,370	18,223	22071710	1.864	.969	.031
52	6.29	2,084	13,109	13296456	-2.102	.018	.018	6.92	1,895	13,109	12405016	-.096	.462	.462
53	4.31	71	306	10724	-.187	.426	.426	5.02	61	306	8878	-.660	.255	.255
54	21.75	4	87	152	-.438	.331	.331	21.75	4	87	152	-.438	.331	.331
55	10.00	987	9,865	5306619	4.898	1.000	0	10.78	915	9,865	4819279	3.553	1.000	0
56	9.50	251	2,385	319682	1.867	.969	.031	11.52	207	2,385	260043	1.332	.909	.091
57	12.01	1,630	19,579	17132779	5.153	0	0	14.58	1,343	19,579	13811232	3.205	.999	.001
58	13.51	45	608	14119	.373	.645	.355	13.82	44	608	13514	.119	.547	.453
59	8.17	4,432	36,226	82007431	2.486	.994	.006	9.62	3,767	36,226	68352938	.189	.575	.425
60	8.94	47	420	10065	.235	.593	.407	11.67	36	420	8155	.818	.793	.207
61	9.75	2,859	27,865	38069113	-4.101	0	0	12.55	2,220	27,865	30339933	-1.557	.060	.060
62	11.47	19	218	2590	1.892	.971	.029	12.82	17	218	2344	1.892	.971	.029
63	15.93	128	2,039	143852	2.006	.978	.022	16.18	126	2,039	141684	2.002	.977	.023
64	18.44	16	295	2049	-.913	.181	.181	24.58	12	295	1610	-.542	.294	.294
65	6.59	1,126	7,422	3932579	-3.422	0	0	8.09	918	7,422	3268796	-2.124	.017	.017
66	7.43	314	2,334	330773	-2.987	.001	.001	8.91	262	2,334	280944	-2.275	.011	.011
67	5.62	2,373	13,340	16172284	1.836	.967	.033	6.80	1,961	13,340	13333499	1.487	.932	.068
68	10.82	484	5,237	1370231	3.093	.999	.001	12.77	410	5,237	1133652	1.962	.975	.025
69	15.81	311	4,917	781886	.691	.755	.245	16.90	291	4,917	733819	.760	.776	.224
70	8.56	121	1,036	73260	3.217	.999	.001	9.09	114	1,036	70380	3.548	1.000	0
71	7.33	104	762	39327	-.132	.447	.447	8.02	95	762	35140	-.492	.311	.311
72	8.46	516	4,366	1085310	-1.436	.076	.076	9.75	448	4,366	952435	-.958	.169	.169
73	10.19	1,227	12,503	7718573	.380	.648	.352	11.04	1,133	12,503	7120291	.307	.621	.379
74	5.42	223	1,208	129674	-.964	.168	.168	6.33	191	1,208	113374	-.413	.340	.340
75	5.05	4,638	23,435	56422912	4.509	1.000	0	6.13	3,822	23,435	46148513	3.262	.999	.001
76	10.04	115	1,154	53059	-3.722	0	0	13.42	86	1,154	39665	-3.223	.001	.001
77	4.89	3,238	15,838	26845916	4.629	1.000	0	5.64	2,807	15,838	22872661	2.659	.996	.004
78	7.96	91	724	34017	.539	.705	.295	10.20	71	724	26762	.602	.726	.274
79	6.63	88	583	27487	1.162	.877	.123	7.11	82	583	25880	1.297	.903	.097
80	4.47	7,967	35,599	146609580	5.234	0	0	5.25	6,784	35,599	124298752	4.191	1.000	0
81	4.42	3,193	14,126	23030041	2.074	.981	.019	5.25	2,691	14,126	19571412	2.670	.996	.004
82	6.58	1,926	12,671	13407260	7.507	0	0	6.83	1,856	12,671	12908453	7.296	0	0
83	6.08	5,860	35,650	104726727	.346	.635	.365	7.69	4,634	35,650	83340279	1.055	.854	.146
84	5.27	1,483	7,812	5806865	.164	.565	.435	6.09	1,283	7,812	4956622	-.678	.249	.249
85	9.14	181	1,655	133693	-2.502	.006	.006	9.30	178	1,655	130778	-2.591	.005	.005
86	5.95	2,430	14,452	18119690	2.726	.997	.003	7.27	1,987	14,452	14976702	3.327	1.000	0
87	9.48	128	1,213	68395	-2.332	.010	.010	11.23	108	1,213	57679	-2.150	.016	.016
88	10.33	1,244	12,853	7520134	-3.625	0	0	11.49	1,119	12,853	6907420	-2.287	.011	.011
89	6.13	3,112	19,069	30547234	2.852	.998	.002	7.36	2,591	19,069	25530702	2.951	.998	.002
90	9.47	675	6,392	1962075	-4.072	0	0	10.07	635	6,392	1872162	-3.383	0	0
91	8.45	1,468	12,411	9335951	1.648	.950	.050	9.61	1,292	12,411	7985028	-.252	.400	.400
92	6.35	1,950	12,385	12032197	-.274	.392	.392	7.31	1,695	12,385	10446036	-.341	.366	.366
93	4.83	440	2,124	463507	-.293	.385	.385	5.46	389	2,124	410401	-.225	.411	.411
94	12.75	191	2,436	229562	-.317	.376	.376	15.72	155	2,436	183334	-.623	.267	.267
95	12.93	80	1,034	39394	-.736	.231	.231	13.97	74	1,034	38226	-.013	.495	.495
96	8.70	1,587	13,801	10515736	-2.743	.003	.003	10.85	1,272	13,801	8426730	-2.468	.007	.007

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
97	11.40	99	1,129	52226	-1.129	.130	.130	14.86	76	1,129	42391	-0.180	.429	.429
98	9.47	2,012	19,044	19274152	.470	.681	.319	11.41	1,669	19,044	16129172	1.055	.854	.146
99	5.18	22	114	1083	-1.108	.134	.134	7.13	16	114	660	-1.914	.028	.028
100	10.32	2,770	28,580	37988537	-3.673	0	0	12.16	2,350	28,580	32501205	-2.701	.003	.003
101	7.50	1,228	9,211	5476688	-1.920	.027	.027	9.14	1,008	9,211	4607841	-.409	.341	.341
102	8.99	88	791	36775	.920	.821	.179	9.42	84	791	36057	1.355	.912	.088
103	6.14	6,101	37,448	119345206	6.052	0	0	7.28	5,143	37,448	98223961	2.485	.994	.006
104	8.27	759	6,276	2419955	.766	.778	.222	9.61	653	6,276	2078642	.638	.738	.262
105	9.04	1,134	10,246	5737139	-.726	.234	.234	10.66	961	10,246	5028055	1.144	.874	.126
106	6.61	539	3,562	937751	-.930	.176	.176	8.34	427	3,562	755638	-.228	.410	.410
107	6.51	1,151	7,487	4040092	-3.664	0	0	7.35	1,019	7,487	3623938	-2.764	.003	.003
108	5.91	6,323	37,342	121549544	4.075	1.000	0	7.39	5,054	37,342	96741117	3.103	.999	.001
109	4.89	2,949	14,412	21666071	1.839	.967	.033	5.41	2,665	14,412	19538112	1.556	.940	.060
110	5.53	6,278	34,710	110395377	1.815	.965	.035	6.32	5,493	34,710	96304695	1.311	.905	.095
111	6.82	184	1,254	121884	1.327	.908	.092	8.09	155	1,254	101492	.956	.830	.170
112	7.99	2,872	22,955	34209769	3.510	1.000	0	9.40	2,442	22,955	28472541	1.357	.913	.087
113	8.88	271	2,405	278287	-4.164	0	0	10.19	236	2,405	244529	-3.681	0	0
114	11.40	176	2,006	177988	.190	.575	.425	11.87	169	2,006	168739	-.102	.459	.459
115	12.30	1,469	18,062	13268082	.008	.503	.497	16.33	1,106	18,062	9859080	-.745	.228	.228
116	7.95	730	5,805	2064334	-1.204	.114	.114	10.20	569	5,805	1606345	-1.130	.129	.129
117	7.30	2,632	19,214	25735968	1.583	.943	.057	9.21	2,086	19,214	20339143	1.180	.881	.119
118	11.76	86	1,011	48636	1.908	.972	.028	11.89	85	1,011	48092	1.905	.972	.028
119	6.48	4,257	27,586	59482272	1.473	.930	.070	7.52	3,671	27,586	51532805	1.863	.969	.031
120	4.84	3,960	19,175	38617056	1.868	.969	.031	5.59	3,429	19,175	33443992	1.754	.960	.040
121	6.96	2,637	18,359	22825965	-5.072	0	0	8.02	2,289	18,359	20439994	-2.255	.012	.012
122	9.28	931	8,643	4279015	3.359	1.000	0	11.10	779	8,643	3557387	2.742	.997	.003
123	9.65	3,576	34,510	62219012	.865	.806	.194	11.12	3,103	34,510	53839397	.535	.704	.296
124	10.88	694	7,550	3169720	9.577	0	0	12.65	597	7,550	2691866	8.229	0	0
125	7.29	3,256	23,727	39748690	2.869	.998	.002	8.88	2,673	23,727	32723399	2.859	.998	.002
126	5.87	617	3,619	1068792	-1.837	.033	.033	6.73	538	3,619	945995	-1.136	.128	.128
127	9.54	2,032	19,385	21135243	5.709	0	0	10.92	1,775	19,385	18035640	3.527	1.000	0
128	4.68	2,324	10,885	12781824	.881	.811	.189	5.75	1,892	10,885	10366112	.504	.693	.307
129	7.65	2,566	19,634	26133305	3.284	.999	.001	8.51	2,306	19,634	23247355	2.239	.987	.013
130	7.45	3,535	26,350	47786843	2.683	.996	.004	8.80	2,993	26,350	40030294	1.436	.924	.076
131	7.18	106	761	43470	1.387	.917	.083	8.55	89	761	35712	.891	.814	.186
132	5.88	2,390	14,041	17474274	3.509	1.000	0	6.85	2,050	14,041	14909144	2.818	.998	.002
133	4.94	7,355	36,302	134289828	.878	.810	.190	6.18	5,877	36,302	107249897	.718	.763	.237
134	7.56	159	1,202	80655	-3.406	0	0	9.18	131	1,202	66308	-3.128	.001	.001
135	6.83	178	1,216	104594	-.775	.219	.219	7.70	158	1,216	92885	-.721	.236	.236
136	6.41	4,839	31,019	76445773	2.240	.987	.013	7.55	4,111	31,019	64568218	1.409	.920	.080
137	6.08	581	3,532	1021677	-.178	.429	.429	7.52	470	3,532	843558	.613	.730	.270
138	8.55	894	7,647	3095950	-4.882	0	0	10.22	748	7,647	2738524	-2.012	.022	.022
139	14.30	10	143	1014	2.291	.989	.011	14.30	10	143	1014	2.291	.989	.011
140	6.55	197	1,290	123059	-.766	.222	.222	7.59	170	1,290	112428	.572	.716	.284
141	5.09	2,095	10,670	11831750	4.645	1.000	0	5.67	1,882	10,670	10436481	2.964	.998	.002
142	4.62	1,739	8,028	6945195	-.364	.358	.358	5.46	1,470	8,028	5922560	.247	.598	.402
143	5.11	3,515	17,968	32930171	4.395	1.000	0	5.78	3,107	17,968	28708648	2.751	.997	.003
144	9.91	1,390	13,768	9093555	-3.207	.001	.001	11.38	1,210	13,768	7849760	-3.471	0	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
145	8.95	1,951	17,470	17380454	1.520	.936	.064	11.13	1,569	17,470	13939386	1.172	.879	.121
146	7.56	3,748	28,335	53915703	1.629	.948	.052	9.62	2,945	28,335	42317463	1.339	.910	.090
147	7.43	2,615	19,432	25394257	-.046	.482	.482	8.83	2,200	19,432	21757690	1.454	.927	.073
148	14.91	85	1,267	46014	-2.323	.010	.010	16.04	79	1,267	43517	-2.009	.022	.022
149	10.19	21	214	2513	.940	.826	.174	10.70	20	214	2410	.977	.836	.164
150	5.87	197	1,156	110290	-.764	.223	.223	7.27	159	1,156	89161	-.651	.257	.257
151	7.26	966	7,017	3269573	-1.900	.029	.029	8.75	802	7,017	2699385	-1.995	.023	.023
152	14.25	555	7,906	2194680	.014	.506	.494	15.81	500	7,906	1917227	-1.162	.123	.123
153	6.00	2,415	14,486	17084111	-1.984	.024	.024	6.70	2,161	14,486	15566766	-.439	.330	.330
154	8.06	1,325	10,685	7218681	1.246	.894	.106	9.82	1,088	10,685	5842688	.295	.616	.384
155	6.53	3,376	22,051	36946092	-.746	.228	.228	7.59	2,907	22,051	32070760	.057	.523	.477
156	10.70	1,375	14,709	10100173	-.078	.469	.469	11.94	1,232	14,709	9025592	-.236	.407	.407
157	21.17	6	127	445	.713	.762	.238	21.17	6	127	445	.713	.762	.238
158	6.39	319	2,037	301499	-2.228	.013	.013	7.75	263	2,037	251944	-1.670	.048	.048
159	8.26	2,130	17,595	20011589	5.430	0	0	9.12	1,929	1,7595	17817262	3.796	1.000	0
160	5.74	1,042	5,981	3022774	-1.675	.047	.047	6.91	866	5,981	2527901	-1.218	.112	.112
161	6.30	2,140	13,484	14892449	2.580	.995	.005	7.50	1,798	13,484	12595159	2.866	.998	.002
162	6.47	1,518	9,819	7973765	4.719	1.000	0	7.60	1,292	9,819	6721427	3.714	1.000	0
163	6.58	5,232	34,426	91749387	2.352	.991	.009	7.81	4,409	34,426	77684132	2.716	.997	.003
164	5.13	101	518	25630	-.352	.362	.362	6.40	81	518	20666	-.233	.408	.408
165	7.65	155	1,185	87241	-1.079	.140	.140	9.19	129	1,185	72822	-.929	.176	.176
166	9.34	678	6,331	2423428	5.825	0	0	10.28	616	6,331	2156358	4.551	1.000	0
167	7.74	156	1,207	91620	-.580	.281	.281	9.73	124	1,207	71055	-.974	.165	.165
168	5.40	2,611	14,097	18420381	.081	.532	.468	6.36	2,218	1,4097	15653644	.105	.542	.458
169	5.82	209	1,216	123314	-.741	.230	.230	6.72	181	1,216	108377	-.354	.362	.362
170	7.39	823	6,084	2480639	-.455	.325	.325	9.30	654	6,084	2010443	.467	.680	.320
171	8.49	970	8,233	3994700	.023	.509	.491	9.98	825	8,233	3332516	-.932	.176	.176
172	5.95	5,523	32,834	91894256	1.737	.959	.041	7.06	4,648	3,2834	77315520	1.562	.941	.059
173	10.36	191	1,978	172020	-2.139	.016	.016	11.64	170	1,978	152903	-2.045	.020	.020
174	9.00	687	6,180	2167594	.957	.831	.169	9.90	624	6,180	1953956	.579	.719	.281
175	7.05	197	1,389	118369	-3.278	.001	.001	8.08	172	1,389	111120	-1.585	.057	.057
176	7.37	2,720	20,049	28195689	3.078	.999	.001	9.12	2,198	20,049	22681040	2.385	.991	.009
177	7.98	4,027	32,125	65328568	1.096	.863	.137	9.50	3,382	32,125	54708665	.714	.762	.238
178	8.71	38	331	6247	-.071	.472	.472	9.46	35	331	5616	-.312	.377	.377
179	10.69	1,821	19,460	18351747	2.642	.996	.004	14.32	1,359	19,460	13891374	3.227	.999	.001
180	5.46	3,051	16,672	26399727	3.636	1.000	0	6.28	2,654	16,672	22910142	3.172	.999	.001
181	8.29	3,408	28,238	47461771	-1.378	.084	.084	10.04	2,814	28,238	38549888	-2.731	.003	.003
182	5.46	2,553	13,932	18020285	1.162	.877	.123	6.88	2,025	13,932	14328708	1.230	.891	.109
183	6.49	298	1,934	252517	-3.699	0	0	7.41	261	1,934	228866	-2.608	.005	.005
184	6.81	127	865	56399	.523	.699	.301	7.15	121	865	55013	.976	.835	.165
185	11.66	189	2,204	189774	-2.116	.017	.017	12.97	170	2,204	172302	-1.813	.035	.035
186	13.68	167	2,285	195844	.592	.723	.277	13.93	164	2,285	191102	.442	.671	.329
187	10.17	6	61	149	-.788	.215	.215	10.17	6	61	149	-.788	.215	.215
188	6.80	2,181	1,420	15850767	-1.554	.060	.060	8.23	1,801	14,820	13421885	.421	.663	.337
189	8.72	3,029	26,415	39990439	-.036	.486	.486	11.46	2,305	26,415	30059782	-1.048	.147	.147
190	6.20	3,050	18,911	29037583	.658	.745	.255	7.10	2,665	18,911	25767019	2.016	.978	.022
191	9.37	1,368	12,819	8552565	-1.575	.058	.058	10.70	1,198	12,819	7595699	-.647	.259	.259
192	4.83	3,765	18,176	34589636	1.160	.877	.123	5.58	3,259	18,176	29969988	1.176	.880	.120

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
193	11.70	1,040	12,164	6320115	-0.046	.482	.482	12.78	952	12,164	5893799	0.958	.831	.169
194	9.92	648	6,429	2042404	-.859	.195	.195	10.25	627	6,429	1987162	-.610	.271	.271
195	11.83	802	9,486	3677676	-1.628	.052	.052	15.89	597	9,486	2801401	-.451	.326	.326
196	10.97	1,313	14,400	9196614	-1.706	.044	.044	12.96	1,111	14,400	7878150	-.874	.191	.191
197	5.71	1,417	8,095	5822057	.986	.838	.162	6.71	1,206	8,095	4997784	1.436	.924	.076
198	6.60	1,919	12,665	11480135	-4.195	0	0	7.26	1,745	12,665	10621743	-2.806	.003	.003
199	4.68	4,881	22,827	58060610	5.107	0	0	5.35	4,267	22,827	50060086	3.156	.999	.001
200	6.66	2,119	14,121	15341909	2.029	.979	.021	7.76	1,819	14,121	13088726	1.413	.921	.079
201	5.20	4,408	22,939	50707231	.340	.633	.367	6.26	3,664	22,939	42608866	1.459	.928	.072
202	7.84	62	486	18148	2.790	.997	.003	9.17	53	486	15484	2.551	.995	.005
203	6.22	2,267	14,090	15471182	-2.581	.005	.005	7.15	1,971	14,090	13777429	-.600	.274	.274
204	5.01	277	1,388	182572	-1.450	.074	.074	5.28	263	1,388	172575	-1.531	.063	.063
205	12.00	32	384	6555	.655	.744	.256	15.36	25	384	5548	1.350	.911	.089
206	9.14	320	2,925	480618	.835	.798	.202	10.45	280	2,925	414178	.331	.630	.370
207	9.21	56	516	14362	-.077	.469	.469	10.53	49	516	12439	-.195	.423	.423
208	8.59	959	8,239	3957175	.089	.536	.464	10.11	815	8,239	3389059	.466	.680	.320
209	7.42	2,061	15,291	15097522	-3.293	.001	.001	8.63	1,772	15,291	13367600	-.970	.166	.166
210	9.07	473	4,292	1042461	1.017	.845	.155	9.76	440	4,292	955122	.419	.662	.338
211	5.95	343	2,040	336523	-1.223	.111	.111	6.99	292	2,040	280097	-1.763	.039	.039
212	7.05	2,032	14,334	14381521	-.975	.165	.165	9.11	1,574	14,334	11120104	-.979	.164	.164
213	6.48	490	3,173	773574	-.188	.425	.425	7.84	405	3,173	647270	.257	.601	.399
214	8.18	142	1,162	79241	-.816	.207	.207	10.56	110	1,162	61739	-.617	.269	.269
215	8.61	93	801	39842	1.164	.878	.122	10.01	80	801	33094	.510	.695	.305
216	7.86	193	1,517	147556	.192	.576	.424	9.79	155	1,517	119226	.304	.620	.380
217	9.42	1,609	15,148	12875893	3.930	1.000	0	10.27	1,475	15,148	11607275	2.594	.995	.005
218	7.62	2,428	18,497	23039413	2.220	.987	.013	9.27	1,995	18,497	18909837	1.925	.973	.027
219	31.00	1	31	24	.950	.829	.171	31.00	1	31	24	.950	.829	.171
220	7.37	3,326	24,501	40220830	-1.285	.099	.099	8.95	2,737	24,501	33189158	-.920	.179	.179
221	4.50	1,048	4,717	2443369	-.643	.260	.260	5.20	907	4,717	2120704	-.450	.326	.326
222	8.29	2,386	19,773	23859518	.970	.834	.166	10.55	1,874	19,773	18831674	1.232	.891	.109
223	6.98	933	6,509	3015930	-.358	.360	.360	8.94	728	6,509	2361118	-.161	.436	.436
224	10.71	571	6,117	1821669	1.784	.963	.037	11.79	519	6,117	1653848	1.653	.951	.049
225	11.37	1,041	11,834	6723888	5.120	0	0	11.81	1,002	11,834	6396733	4.327	1.000	0
226	7.50	4,459	33,447	74875876	.474	.682	.318	9.00	3,718	33,447	61238799	-1.595	.055	.055
227	4.72	254	1,200	152278	-.022	.491	.491	5.61	214	1,200	125152	-.641	.261	.261
228	5.36	6,348	34,037	110807569	3.544	1.000	0	6.03	5,645	34,037	97475810	1.905	.972	.028
229	6.57	1,386	9,110	6401136	.898	.815	.185	8.04	1,133	9,110	5272103	1.257	.896	.104
230	9.02	3,549	32,007	61323009	8.224	0	0	10.22	3,131	32,007	52876924	5.358	0	0
231	6.31	5,245	33,090	88809095	2.935	.998	.002	7.37	4,490	33,090	75173826	1.385	.917	.083
232	6.39	391	2,497	485978	-.153	.439	.439	7.28	343	2,497	438073	.737	.769	.231
233	4.55	3,799	17,281	33380308	1.805	.964	.036	5.37	3,221	17,281	28372080	1.911	.972	.028
234	5.45	190	1,035	92533	-1.406	.080	.080	6.43	161	1,035	79202	-1.086	.139	.139
235	6.03	3,875	23,374	44922901	-.867	.193	.193	7.22	3,238	23,374	37608793	-.609	.271	.271
236	10.88	528	5,743	1312632	-5.343	0	0	12.12	474	5,743	1226256	-3.736	0	0
237	5.06	3,675	18,579	36696513	7.866	0	0	5.93	3,132	18,579	31179914	6.947	0	0
238	11.61	367	4,259	733878	-2.023	.022	.022	12.27	347	4,259	706894	-1.399	.081	.081
239	4.49	3,863	17,330	33485658	.041	.516	.484	5.39	3,214	17,330	28130428	.991	.839	.161
240	10.25	1,273	13,047	7463924	-6.255	0	0	11.64	1,121	13,047	6656851	-5.202	0	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
241	7.32	5,111	37,406	98119424	3.275	.999	.001	8.58	4,360	37,406	82163986	0.868	.807	.193
242	5.42	3,235	17,517	28410422	.267	.605	.395	6.52	2,686	17,517	23642239	.446	.672	.328
243	5.51	3,751	20,679	38683152	-.274	.392	.392	6.68	3,094	20,679	31915373	-.226	.411	.411
244	5.11	18	92	615	-1.890	.029	.029	6.57	14	92	456	-1.892	.029	.029
245	8.82	2,993	26,383	39643879	.388	.651	.349	10.62	2,485	26,383	32995663	.566	.714	.286
246	5.01	4,002	20,030	42546162	6.742	0	0	6.04	3,319	20,030	34417435	3.535	1.000	0
247	7.01	4,353	30,526	67427562	1.699	.955	.045	8.22	3,715	30,526	57596118	1.665	.952	.048
248	7.62	259	1,974	231904	-2.588	.005	.005	8.47	233	1,974	206590	-2.688	.004	.004
249	6.08	496	3,015	738935	-.453	.325	.325	6.88	438	3,015	666805	.358	.640	.360
250	10.49	708	7,429	2514959	-2.014	.022	.022	13.06	569	7,429	2038119	-1.475	.070	.070
251	12.05	20	241	2213	-.633	.263	.263	15.06	16	241	1612	-1.136	.128	.128
252	9.80	237	2,323	278242	.287	.613	.387	12.42	187	2,323	214620	-.281	.389	.389
253	8.70	161	1,400	119345	1.296	.902	.098	9.79	143	1,400	104303	.870	.808	.192
254	8.71	2,236	19,485	21360543	-1.593	.056	.056	10.53	1,850	19,485	17931352	-.381	.351	.351
255	5.01	3,861	19,333	36795567	-1.519	.064	.064	5.75	3,363	19,333	32634934	.391	.652	.348
256	6.70	2,720	18,213	24180757	-2.148	.016	.016	7.02	2,593	18,213	23238866	-1.398	.081	.081
257	15.20	40	608	13096	.843	.800	.200	19.61	31	608	9508	.086	.534	.466
258	10.34	1,883	19,465	18842362	2.117	.983	.017	12.15	1,602	19,465	15942038	1.559	.940	.060
259	7.81	579	4,519	1307087	-.037	.485	.485	8.95	505	4,519	1121632	-.662	.254	.254
260	7.63	2,892	22,062	33912100	5.870	0	0	8.33	2,650	22,062	30165114	2.846	.998	.002
261	5.92	247	1,461	190859	1.573	.942	.058	6.99	209	1,461	156941	.700	.758	.242
262	7.04	954	6,712	3172907	-.480	.316	.316	7.46	900	6,712	2998625	-.375	.354	.354
263	12.76	1,453	18,538	13840890	1.829	.966	.034	16.05	1,155	18,538	11055612	1.924	.973	.027
264	7.90	1,507	11,901	9101258	1.004	.842	.158	9.58	1,242	11,901	7561348	1.411	.921	.079
265	6.95	2,837	19,723	29222782	4.108	1.000	0	8.76	2,251	19,723	23102988	3.349	1.000	0
266	4.32	767	3,310	1234424	-1.321	.093	.093	5.02	660	3,310	1084983	-.298	.383	.383
267	5.79	6,292	36,415	117128880	3.079	.999	.001	6.69	5,447	36,415	100661895	1.915	.972	.028
268	5.21	701	3,653	1256704	-.848	.198	.198	6.24	585	3,653	1045461	-.903	.183	.183
269	5.72	124	709	45549	.698	.757	.243	6.33	112	709	41061	.627	.734	.266
270	8.74	1,619	14,154	11558776	.615	.731	.269	9.17	1,543	14,154	11022504	.640	.739	.261
271	76.50	2	153	91	-.993	.161	.161	76.50	2	153	91	-.993	.161	.161
272	21.57	7	151	615	.750	.773	.227	25.17	6	151	541	.824	.795	.205
273	9.46	3,357	31,770	55739003	4.541	1.000	0	11.05	2,876	31,770	46877082	2.423	.992	.008
274	9.17	1,241	11,383	7423502	3.113	.999	.001	11.19	1,017	11,383	6243605	4.345	1.000	0
275	9.73	247	2,403	292787	-.365	.357	.357	10.68	225	2,403	265507	-.464	.321	.321
276	8.85	730	6,457	2502378	2.891	.998	.002	10.69	604	6,457	2030139	1.749	.960	.040
277	5.61	200	1,121	109178	-.639	.262	.262	6.75	166	1,121	91194	-.444	.329	.329
278	5.62	2,108	11,840	12477273	-.013	.495	.495	6.56	1,805	11,840	10786728	.696	.757	.243
279	14.06	52	731	21304	1.510	.934	.066	18.74	39	731	15419	.884	.812	.189
280	11.13	1,481	16,485	12247989	.223	.588	.412	13.75	1,199	16,485	10054183	1.040	.851	.149
281	6.79	650	4,415	1505852	2.184	.986	.014	8.04	549	4,415	1261142	1.648	.950	.050
282	5.32	252	1,341	166688	-.371	.355	.355	6.07	221	1,341	145131	-.530	.298	.298
283	6.48	2,997	19,415	30771392	5.469	0	0	7.53	2,577	19,415	26131424	3.920	1.000	0
284	10.81	882	9,535	4042541	-1.987	.023	.023	11.82	807	9,535	3729110	-1.512	.065	.065
285	5.44	5,980	32,536	100690248	4.692	1.000	0	6.21	5,240	32,536	87886658	3.886	1.000	0
286	8.05	4,645	37,369	91752044	6.750	0	0	9.73	3,839	37,369	74769142	4.547	1.000	0
287	8.01	228	1,826	196372	-1.482	.069	.069	9.98	183	1,826	162189	-.686	.246	.246
288	8.75	1,507	13,182	10106541	1.177	.880	.120	9.76	1,350	13,182	8913004	.108	.543	.457

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
289	8.53	133	1,134	68029	-1.955	.025	.025	10.90	104	1,134	52280	-2.003	.023	.023
290	9.98	3,058	30,511	49042149	4.909	1.000	0	10.70	2,851	30,511	45419354	4.095	1.000	0
291	8.65	2,255	19,511	22427038	1.602	.945	.055	11.36	1,718	19,511	17121989	1.551	.940	.060
292	5.99	366	2,191	378603	-1.847	.032	.032	7.53	291	2,191	304308	-1.342	.090	.090
293	6.05	5,842	35,323	98959919	-5.413	0	0	7.33	4,817	35,323	82871239	-3.115	.001	.001
294	5.93	3,175	18,834	31060924	3.793	1.000	0	6.48	2,907	18,834	27930148	1.893	.971	.029
295	8.34	712	5,935	2089845	-.503	.307	.307	9.01	659	5,935	1996611	.933	.825	.176
296	5.18	3,320	17,191	29430402	3.124	.999	.001	5.91	2,911	17,191	25719446	2.607	.995	.005
297	5.06	3,864	19,546	38536434	2.206	.986	.014	5.85	3,340	19,546	33200722	1.714	.957	.043
298	5.91	1,730	10,227	8955171	.886	.812	.188	6.97	1,468	10,227	7715763	1.849	.968	.032
299	10.13	23	233	2163	-1.601	.055	.055	14.56	16	233	1418	-1.658	.049	.049
300	9.01	539	4,857	1246307	-1.925	.027	.027	10.72	453	4,857	1054689	-1.522	.064	.064
301	8.34	2,023	16,871	17409101	1.571	.942	.058	10.64	1,585	16,871	13406257	.186	.574	.426
302	7.93	2,436	19,309	23732608	.779	.782	.218	10.35	1,865	19,309	18195317	.788	.785	.215
303	5.35	91	487	23245	.810	.791	.209	6.67	73	487	19043	1.055	.854	.146
304	6.06	4,131	25,051	52619054	1.885	.970	.030	7.16	3,498	25,051	44390356	1.347	.911	.089
305	7.73	201	1,554	150478	-.896	.185	.185	8.49	183	1,554	132022	-1.676	.047	.047
306	5.36	6,947	37,205	133918130	5.235	0	0	6.39	5,819	37,205	110549742	2.810	.998	.002
307	6.77	3,122	21,126	33397384	1.232	.891	.109	8.46	2,498	21,126	26897070	1.676	.953	.047
308	8.84	2,010	17,772	19454133	6.927	0	0	9.35	1,900	17,772	18012197	5.048	0	0
309	6.75	173	1,167	100184	-.172	.432	.432	7.39	158	1,167	91368	-.195	.423	.423
310	6.82	455	3,103	637066	-3.604	0	0	8.17	380	3,103	539457	-2.870	.002	.002
311	10.78	353	3,804	718452	2.280	.989	.011	12.35	308	3,804	627049	2.140	.984	.016
312	6.55	2,829	18,527	28212261	7.051	0	0	7.36	2,518	18,527	24983500	6.178	0	0
313	6.45	382	2,465	464356	-.464	.321	.321	7.59	325	2,465	387294	-1.034	.151	.151
314	7.34	154	1,131	91153	1.004	.842	.158	8.50	133	1,131	81113	1.567	.941	.059
315	4.80	3,893	18,684	36013562	-1.054	.146	.146	5.42	3,446	18,684	32524682	1.049	.853	.147
316	9.12	217	1,979	211687	-.361	.359	.359	12.61	157	1,979	149534	-.813	.208	.208
317	13.45	121	1,627	86731	-2.265	.012	.012	18.08	90	1,627	64478	-1.961	.025	.025
318	9.99	1,652	16,498	14293106	3.439	1.000	0	12.91	1,278	16,498	10987989	2.618	.996	.004
319	9.66	387	3,738	705956	-.817	.207	.207	11.94	313	3,738	582644	-.123	.451	.451
320	11.31	709	8,016	2815670	-.422	.337	.337	15.18	528	8,016	2126052	.185	.573	.427
321	5.50	3,773	20,733	39629782	1.406	.920	.080	6.46	3,208	20,733	34022889	2.263	.988	.012
322	6.84	1,833	12,538	11183917	-1.982	.024	.024	7.90	1,588	12,538	9584171	-2.572	.005	.005
323	6.53	821	5,364	2204925	.068	.527	.473	7.67	699	5,364	1874283	-.011	.496	.496
324	6.05	5,226	31,602	82908229	.504	.693	.307	7.19	4,393	31,602	70358120	1.562	.941	.059
325	9.53	447	4,259	945995	-.227	.410	.410	11.15	382	4,259	804583	-.370	.356	.356
326	5.51	1,179	6,492	3868685	.647	.741	.259	5.98	1,085	6,492	3563024	.666	.747	.253
327	8.89	914	8,126	3557929	-2.195	.014	.014	9.81	828	8,126	3283260	-1.199	.115	.115
328	9.85	99	975	43506	-1.699	.045	.045	12.34	79	975	35549	-1.185	.118	.118
329	4.78	2,421	11,566	15042131	6.340	0	0	5.41	2,138	11,566	12978722	3.982	1.000	0
330	5.04	7,242	36,526	133708538	1.614	.947	.053	5.85	6,242	36,526	114801268	.965	.833	.167
331	9.47	707	6,698	2487898	2.337	.990	.010	10.70	626	6,698	2195518	2.047	.980	.020
332	7.87	4,049	31,881	67543589	5.124	0	0	9.98	3,195	31,881	53029781	4.037	1.000	0
333	6.31	3,398	21,436	38562449	5.940	0	0	6.94	3,089	21,436	34436437	3.863	1.000	0
334	7.87	1,963	15,442	14908371	-1.255	.105	.105	9.92	1,557	15,442	11939347	-.468	.320	.320
335	8.63	2,574	22,219	29054886	1.411	.921	.079	10.20	2,179	22,219	24632741	1.420	.922	.078
336	6.43	322	2,070	366526	3.101	.999	.001	8.59	241	2,070	271691	2.399	.992	.008

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
337	8.20	1,343	11,010	7821622	3.678	1.000	0	9.52	1,157	11,010	6568862	1.846	.968	.032
338	9.68	597	5,777	1732927	.208	.583	.417	10.24	564	5,777	1662481	.843	.800	.200
339	4.85	1,002	4,859	2401168	-.748	.227	.227	5.48	887	4,859	2148892	-.145	.442	.442
340	5.70	1,094	6,240	3269078	-2.420	.008	.008	7.01	890	6,240	2717310	-1.107	.134	.134
341	11.63	837	9,737	4133253	.717	.763	.237	14.28	682	9,737	3334791	.197	.578	.422
342	15.71	261	4,100	483218	-2.711	.003	.003	17.67	232	4,100	449743	-1.434	.076	.076
343	6.21	2,044	12,702	13108308	.765	.778	.222	7.45	1,705	12,702	10959430	.865	.806	.194
344	6.14	5,608	34,428	99496558	3.978	1.000	0	7.36	4,679	34,428	83353313	4.132	1.000	0
345	7.35	66	485	15754	-.221	.413	.413	8.08	60	485	14017	-.492	.312	.312
346	7.87	2,734	21,528	28552038	-2.698	.003	.003	9.88	2,180	21,528	22741716	-2.495	.006	.006
347	7.74	154	1,192	88942	-.666	.253	.253	8.83	135	1,192	74359	-1.526	.064	.064
348	7.71	1,449	11,166	7884827	-1.670	.047	.047	8.97	1,245	11,166	6789591	-1.418	.078	.078
349	9.24	1,208	11,161	6666977	-.663	.254	.254	10.33	1,080	11,161	5974216	-.498	.309	.309
350	8.49	3,321	28,183	48181272	2.951	.998	.002	9.23	3,055	28,183	44161717	2.473	.993	.007
351	8.63	448	3,865	919259	2.265	.988	.012	9.74	397	3,865	804178	1.663	.952	.048
352	26.55	40	1,062	17490	-1.934	.027	.027	26.55	40	1,062	17490	-1.934	.027	.027
353	6.80	479	3,257	794005	.678	.751	.249	7.16	455	3,257	754487	.674	.750	.250
354	5.73	1,201	6,876	4183513	.792	.786	.214	6.89	998	6,876	3507086	1.211	.887	.113
355	6.30	1,772	11,170	10093865	1.453	.927	.073	7.53	1,484	11,170	8456194	1.353	.912	.088
356	9.10	3,934	35,793	71815173	2.176	.985	.015	11.63	3,078	35,793	55372956	.502	.692	.308
357	7.18	4,398	31,587	70919601	2.414	.992	.008	8.44	3,742	31,587	60008639	1.630	.948	.052
358	7.86	2,402	18,884	23399851	2.696	.996	.004	9.53	1,981	18,884	18899407	.803	.789	.211
359	8.32	267	2,220	301823	.521	.699	.301	9.82	226	2,220	257409	.680	.752	.248
360	8.32	87	724	30375	-.574	.283	.283	12.93	56	724	18708	-1.000	.159	.159
361	7.90	19	150	1821	2.098	.982	.018	9.38	16	150	1589	2.246	.988	.012
362	6.76	3,139	21,229	36219356	8.448	0	0	7.58	2,800	21,229	30688157	2.984	.999	.001
363	5.61	390	2,188	436566	.794	.786	.214	6.45	339	2,188	376893	.518	.698	.302
364	5.56	1,724	9,588	7937535	-2.848	.002	.002	6.45	1,486	9,588	6984916	-1.303	.096	.096
365	5.64	3,954	22,280	41909221	-5.287	0	0	6.40	3,482	22,280	38063220	-1.914	.028	.028
366	8.33	303	2,525	380234	-.182	.428	.428	8.59	294	2,525	375816	.371	.645	.355
367	5.57	2,072	11,543	12095035	.900	.816	.184	6.56	1,760	11,543	10287152	.925	.822	.178
368	9.50	887	8,426	3538742	-2.736	.003	.003	11.48	734	8,426	2975146	-1.778	.038	.038
369	15.38	8	123	394	-.976	.165	.165	24.60	5	123	183	-1.568	.058	.058
370	9.71	673	6,537	2088248	-2.277	.011	.011	12.08	541	6,537	1636186	-3.009	.001	.001
371	12.02	1,640	19,719	16985834	3.541	1.000	0	16.90	1,167	19,719	12144243	3.282	.999	.001
372	8.92	914	8,156	3917278	2.669	.996	.004	10.29	793	8,156	3334811	1.523	.936	.064
373	7.15	26	186	2259	-.581	.281	.281	8.46	22	186	1821	-.893	.186	.186
374	10.41	84	874	41371	2.017	.978	.022	11.97	73	874	35500	1.670	.952	.048
375	10.62	1,010	10,721	5421803	.078	.531	.469	11.58	926	10,721	5043199	.843	.800	.200
376	9.18	317	2,910	461103	-.009	.496	.496	10.51	277	2,910	410350	.523	.700	.300
377	7.01	2,590	18,150	24169990	2.497	.994	.006	8.07	2,248	18,150	21098962	2.811	.998	.002
378	6.50	2,236	14,540	16544334	1.454	.927	.073	7.31	1,990	14,540	14619347	.812	.792	.208
379	7.24	25	181	2256	-.025	.490	.490	8.62	21	181	1845	-.232	.408	.408
380	6.32	226	1,428	179967	3.002	.999	.001	7.48	191	1,428	155136	3.293	1.000	0
381	5.85	3,250	18,998	31134458	.840	.800	.200	6.62	2,868	18,998	27546026	1.031	.849	.151
382	5.59	53	296	7865	.034	.514	.487	6.30	47	296	7059	.176	.570	.430
383	9.52	3,409	32,450	51961671	-6.124	0	0	11.58	2,803	32,450	43901647	-3.180	.001	.001
384	8.34	980	8,168	4398390	5.366	0	0	10.06	812	8,168	3545129	3.407	1.000	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
385	5.92	2,911	17,222	25934335	3.235	.999	.001	6.74	2,556	17,222	22349606	1.352	.912	.088
386	30.50	8	244	872	-.522	.301	.301	30.50	8	244	872	-.522	.301	.301
387	6.85	304	2,081	295890	-1.950	.026	.026	7.91	263	2,081	262473	-1.147	.126	.126
388	5.98	412	2,464	481568	-1.802	.036	.036	7.31	337	2,464	390689	-1.876	.030	.030
389	7.56	48	363	10048	1.840	.967	.033	9.31	39	363	8683	2.452	.993	.007
390	4.64	3,770	17,476	33801214	2.773	.997	.003	5.27	3,318	17,476	29624965	2.176	.985	.015
391	7.26	2,200	15,972	17929177	1.665	.952	.048	8.13	1,964	15,972	16173342	2.392	.992	.008
392	16.16	64	1,034	21549	-4.832	0	0	16.95	61	1,034	20938	-4.546	0	0
393	14.37	737	10,594	4142698	2.876	.998	.002	19.44	545	10,594	3084394	2.767	.997	.003
394	10.33	3	31	57	.677	.751	.249	10.33	3	31	57	.677	.751	.249
395	8.41	1,084	9,115	5128513	2.172	.985	.015	9.16	995	9,115	4671060	1.643	.950	.050
396	5.79	3,404	19,696	35121644	4.820	1.000	0	6.64	2,965	19,696	30142683	3.047	.999	.001
397	8.27	1,723	14,241	12053165	-1.263	.103	.103	10.81	1,318	14,241	9164896	-1.474	.070	.070
398	7.83	4,320	33,819	73720577	1.047	.852	.148	9.69	3,490	33,819	59062162	.083	.533	.467
399	8.42	2,329	19,618	22345905	-1.827	.034	.034	9.20	2,132	19,618	20585838	-1.250	.106	.106
400	6.24	3,091	19,271	29692201	-.295	.384	.384	6.90	2,792	19,271	26820201	-.279	.390	.390
401	8.88	651	5,779	1693507	-4.406	0	0	10.07	574	5,779	1516933	-3.544	0	0
402	17.36	14	243	2079	1.440	.925	.075	18.69	13	243	1935	1.406	.920	.080
403	9.74	1,389	13,535	9536779	.939	.826	.174	9.90	1,367	13,535	9381743	.904	.817	.183
404	6.09	3,385	20,610	35618279	2.126	.983	.017	7.03	2,932	20,610	30848521	1.969	.976	.024
405	7.98	1,490	11,884	9202875	2.638	.996	.004	9.65	1,231	11,884	7673318	2.980	.999	.001
406	6.79	3,194	21,685	35943593	3.710	1.000	0	7.41	2,927	21,685	32662902	2.737	.997	.003
407	6.11	607	3,708	1103908	-.814	.208	.208	7.00	530	3,708	967264	-.623	.267	.267
408	5.63	6,061	34,142	102954806	-.668	.252	.252	6.74	5,065	34,142	86392209	-.103	.459	.459
409	8.88	137	1,216	78220	-1.235	.108	.108	11.69	104	1,216	60234	-.838	.201	.201
410	5.52	2,610	14,398	18938720	.703	.759	.241	6.26	2,300	14,398	16629974	.363	.642	.358
411	9.33	2,051	19,141	20425136	3.181	.999	.001	10.25	1,868	19,141	18157829	1.173	.880	.120
412	6.98	1,992	13,897	12743916	-6.130	0	0	7.55	1,840	13,897	11907597	-5.100	0	0
413	8.11	3,720	30,162	58952845	5.370	0	0	9.09	3,317	30,162	51839380	3.621	1.000	0
414	8.11	422	3,423	678878	-2.137	.016	.016	8.94	383	3,423	627076	-1.470	.071	.071
415	8.57	2,507	21,490	27363506	1.371	.915	.085	10.00	2,149	21,490	23461919	1.290	.901	.099
416	8.92	2,169	19,352	21983447	3.829	1.000	0	10.54	1,837	19,352	18422659	2.706	.997	.003
417	10.38	296	3,072	467708	.856	.804	.196	10.49	293	3,072	463373	.878	.810	.190
418	7.78	3,204	24,925	40606359	1.661	.952	.048	9.15	2,724	24,925	34995356	2.789	.997	.003
419	6.20	3,654	22,658	42041703	1.633	.949	.051	7.31	3,098	22,658	35633462	1.473	.930	.070
420	10.07	1,900	19,138	19063883	3.666	1.000	0	11.63	1,645	19,138	16177156	1.947	.974	.026
421	8.59	3,630	31,191	59044277	4.484	1.000	0	10.52	2,965	31,191	46506311	.542	.706	.294
422	12.46	930	11,589	5181008	-2.038	.021	.021	15.25	760	11,589	4266480	-1.489	.068	.068
423	10.14	1,144	11,596	6981870	3.082	.999	.001	12.19	951	11,596	5745008	2.239	.987	.013
424	19.36	11	213	1637	2.283	.989	.011	21.30	10	213	1441	1.934	.973	.027
425	10.43	2,038	21,262	21829990	.592	.723	.277	13.32	1,596	21,262	17095989	.526	.700	.300
426	10.65	1,677	17,867	15581263	2.840	.998	.002	12.37	1,445	17,867	13280828	1.897	.971	.029
427	--	--	--	--	--	--	--	--	--	--	--	--	--	--
428	6.35	756	4,798	1823386	.256	.601	.399	7.85	611	4,798	1481255	.452	.674	.326
429	5.99	903	5,412	2489988	.990	.839	.161	7.19	753	5,412	2092659	1.284	.900	.100
430	6.19	1,441	8,915	6596774	1.776	.962	.038	7.40	1,205	8,915	5559217	2.104	.982	.018
431	6.10	632	3,856	1261069	1.521	.936	.064	7.28	530	3,856	1068017	1.802	.964	.036
432	4.95	1,755	8,688	7684641	.580	.719	.281	5.87	1,481	8,688	6517539	.871	.808	.192

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
433	11.02	2,483	27,354	35035394	2.733	.997	.003	12.22	2,239	27,354	30829285	0.553	.710	.290
434	5.61	2,423	13,597	16796612	1.676	.953	.047	6.48	2,099	13,597	14591611	1.788	.963	.037
435	5.97	173	1,033	93934	1.168	.878	.122	6.98	148	1,033	81631	1.430	.924	.076
436	6.73	4,320	29,054	64772922	3.658	1.000	0	8.27	3,515	29,054	52488064	2.867	.998	.002
437	5.27	4,805	25,322	64203096	6.645	0	0	6.15	4,118	25,322	54317885	4.647	1.000	0
438	9.25	2,018	18,671	19520280	2.814	.998	.002	10.69	1,746	18,671	16944966	2.865	.998	.002
439	11.45	713	8,164	2809997	-1.597	.055	.055	12.58	649	8,164	2634055	-.253	.400	.400
440	8.69	1,070	9,302	4856664	-1.365	.086	.086	10.62	876	9,302	4115555	.519	.698	.302
441	8.32	2,851	23,733	35269673	3.932	1.000	0	10.49	2,263	23,733	27893982	3.191	.999	.001
442	5.67	2,252	12,769	14615282	1.357	.913	.087	6.69	1,908	12,769	12281691	.622	.733	.267
443	6.67	1,948	12,987	12919924	1.635	.949	.051	7.71	1,685	12,987	11024389	.538	.705	.295
444	8.36	193	1,613	160307	.719	.764	.236	10.02	161	1,613	137716	1.332	.909	.091
445	9.92	1,929	19,140	18080622	-1.566	.059	.059	11.52	1,662	19,140	15944196	.173	.569	.431
446	7.31	161	1,177	93220	-.355	.361	.361	8.47	139	1,177	75597	-1.549	.061	.061
447	10.51	2,183	22,938	26354449	4.259	1.000	0	11.81	1,942	22,938	23330714	3.625	1.000	0
448	6.16	5,117	31,527	81649011	1.516	.935	.065	7.21	4,371	31,527	69264648	.602	.726	.274
449	5.45	975	5,317	2453983	-2.881	.002	.002	6.48	821	5,317	2072508	-2.504	.006	.006
450	5.43	3,783	20,533	39278356	1.207	.886	.114	6.55	3,137	20,533	32792318	1.766	.961	.039
451	5.41	1,029	5,562	2853160	-.165	.435	.435	6.69	831	5,562	2308663	-.051	.480	.480
452	9.21	33	304	4696	-.635	.263	.263	12.16	25	304	3689	-.253	.400	.400
453	10.57	199	2,103	217097	.917	.820	.180	12.30	171	2,103	186433	.835	.798	.202
454	10.27	3,094	31,784	47533589	-3.206	.001	.001	11.87	2,677	31,784	41219179	-2.788	.003	.003
455	8.37	106	887	38463	-3.243	.001	.001	10.08	88	887	31080	-3.309	0	0
456	33.50	2	67	99	1.170	.879	.121	33.50	2	67	99	1.170	.879	.121
457	6.20	55	341	10632	1.718	.957	.043	7.75	44	341	8745	1.904	.972	.028
458	5.63	1,105	6,223	3241535	-3.294	0	0	6.06	1,027	6,223	3085325	-1.914	.028	.028
459	10.68	105	1,121	61435	.779	.782	.218	10.78	104	1,121	60725	.737	.769	.231
460	7.02	4,660	32,732	79989628	5.774	0	0	7.91	4,136	32,732	70496807	4.619	1.000	0
461	7.30	4,215	30,785	66579608	2.947	.998	.002	8.87	3,472	30,785	53823516	.727	.766	.234
462	6.02	2,947	17,740	27063505	3.322	1.000	0	7.31	2,426	17,740	22307132	3.126	.999	.001
463	5.49	1,363	7,477	5149739	.680	.752	.248	6.74	1,109	7,477	4234013	1.225	.890	.110
464	5.53	4,067	22,500	45975778	.536	.704	.296	6.66	3,379	22,500	38457493	1.175	.880	.120
465	7.99	246	1,966	233164	-.972	.166	.166	8.82	223	1,966	208411	-1.274	.101	.101
466	5.12	5,123	26,233	68884919	3.116	.999	.001	5.97	4,391	26,233	58958580	2.718	.997	.003
467	11.48	964	11,063	5890540	5.629	0	0	14.04	788	11,063	5014684	7.316	0	0
468	7.64	130	993	49616	-4.568	0	0	8.14	122	993	47990	-3.974	0	0
469	5.61	1,751	9,821	9026413	3.609	1.000	0	6.13	1,603	9,821	8256584	3.392	1.000	0
470	7.00	13	91	540	-.544	.293	.293	7.58	12	91	505	-.451	.326	.326
471	5.99	2,236	13,388	15126801	.870	.808	.192	7.16	1,871	13,388	12747968	1.337	.909	.091
472	6.47	521	3,372	887894	.427	.665	.335	6.85	492	3,372	842035	.580	.719	.281
473	7.55	2,548	19,226	24073941	-1.499	.067	.067	8.37	2,298	19,226	22067888	-.086	.466	.466
474	7.06	3,565	25,176	45470501	1.370	.915	.085	8.36	3,010	25,176	38465351	1.443	.926	.074
475	6.02	5,305	31,959	86022332	1.862	.969	.031	7.36	4,345	31,959	70159701	1.198	.885	.115
476	9.36	1,948	18,237	17759145	-.016	.494	.494	9.40	1,941	18,237	17699577	.003	.501	.499
477	5.78	727	4,201	1531522	.136	.554	.446	7.82	537	4,201	1137125	.326	.628	.372
478	5.97	3,864	23,063	45047131	1.183	.881	.119	7.41	3,113	23,063	36369499	1.271	.898	.102
479	6.87	261	1,792	230921	-.351	.363	.363	7.59	236	1,792	203318	-1.024	.153	.153
480	7.29	780	5,684	2125702	-1.987	.023	.023	8.67	656	5,684	1806988	-1.365	.086	.086

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
481	5.28	2,395	12,650	14287808	-4.815	0	0	6.03	2,097	12,650	12739801	-3.132	.001	.001
482	6.65	558	3,709	1038839	.159	.563	.437	7.71	481	3,709	871324	-.881	.189	.189
483	6.30	504	3,174	806846	.340	.633	.367	7.18	442	3,174	718477	.884	.812	.189
484	7.30	375	2,736	494289	-1.223	.111	.111	8.02	341	2,736	454807	-.801	.212	.212
485	10.73	79	848	32456	-.478	.316	.316	10.87	78	848	31987	-.502	.308	.308
486	7.24	4,805	34,779	87400256	5.523	0	0	8.27	4,207	34,779	75213655	3.157	.999	.001
487	6.43	1,631	10,484	8666470	.955	.830	.170	7.82	1,340	10,484	7035699	.103	.541	.459
488	13.29	2,117	28,138	32177361	6.404	0	0	15.85	1,775	28,138	26190483	3.559	1.000	0
489	6.00	1,939	11,627	10969306	-2.051	.020	.020	7.19	1,618	11,627	9209384	-1.458	.072	.072
490	5.82	1,341	7,802	5242592	.138	.555	.445	7.17	1,088	7,802	4260400	.217	.586	.414
491	5.89	2,168	12,770	14762067	5.356	0	0	6.37	2,004	12,770	13622912	5.014	0	0
492	6.27	3,999	25,088	52908423	5.994	0	0	7.41	3,385	25,088	44032540	3.729	1.000	0
493	5.57	6,401	35,661	117976991	4.667	1.000	0	6.43	5,549	35,661	101310569	3.089	.999	.001
494	5.31	803	4,263	1831505	3.439	1.000	0	6.45	661	4,263	1499354	2.858	.998	.002
495	5.20	3,914	20,344	42540308	7.422	0	0	5.68	3,582	20,344	38906851	7.029	0	0
496	7.99	2,698	21,557	29750654	2.074	.981	.019	9.76	2,208	21,557	24260922	1.580	.943	.057
497	8.15	100	815	41703	.405	.657	.343	12.16	67	815	29834	1.315	.906	.094
498	5.91	3,227	19,069	30788296	.065	.526	.474	6.93	2,750	19,069	26673646	1.572	.942	.058
499	8.50	2,088	17,748	19833245	5.571	0	0	9.86	1,801	17,748	16821663	3.862	1.000	0
500	7.18	161	1,156	94426	.323	.627	.373	8.50	136	1,156	78567	-.011	.496	.496
501	11.19	457	5,112	1210178	1.334	.909	.091	11.73	436	5,112	1146169	1.031	.849	.151
502	5.67	5,393	30,570	82435112	.005	.502	.498	6.36	4,805	30,570	73663606	.358	.640	.360
503	10.95	559	6,120	1692714	-.427	.335	.335	12.22	501	6,120	1508864	-.612	.270	.270
504	12.83	287	3,683	481599	-2.605	.005	.005	13.95	264	3,683	446129	-2.317	.010	.010
505	7.76	138	1,071	62103	-3.248	.001	.001	9.40	114	1,071	53040	-2.426	.008	.008
506	5.94	6,292	37,401	121673241	4.682	1.000	0	6.84	5,468	37,401	103974024	2.154	.984	.016
507	4.81	290	1,396	212376	1.451	.927	.073	5.79	241	1,396	181392	2.106	.982	.018
508	7.25	2,191	15,882	18174434	3.615	1.000	0	8.48	1,874	15,882	15221268	1.712	.957	.043
509	8.35	3,057	25,519	41526727	6.189	0	0	10.12	2,522	25,519	33373519	3.228	.999	.001
510	9.08	231	2,098	219770	-2.450	.007	.007	10.49	200	2,098	202304	-.875	.191	.191
511	5.59	3,327	18,591	29696250	-3.973	0	0	6.10	3,048	18,591	27456009	-2.959	.002	.002
512	7.14	4,418	31,532	70995558	2.217	.987	.013	8.89	3,546	31,532	55772266	-.247	.402	.402
513	8.03	2,653	21,306	30081213	5.741	0	0	9.20	2,315	21,306	25813209	3.891	1.000	0
514	6.33	6	38	123	.335	.631	.369	9.50	4	38	100	1.094	.863	.137
515	9.49	1,695	16,084	14612138	5.132	0	0	11.19	1,437	16,084	11944875	2.207	.986	.014
516	10.70	257	2,751	314392	-3.072	.001	.001	13.16	209	2,751	262679	-2.160	.015	.015
517	8.62	2,269	19,560	21798092	-1.460	.072	.072	10.42	1,878	19,560	18053331	-1.281	.100	.100
518	7.67	4,785	36,688	90590977	3.842	1.000	0	9.07	4,047	36,688	75400166	1.725	.958	.042
519	8.00	964	7,716	3725421	.091	.536	.464	9.91	779	7,716	3002316	-.049	.480	.480
520	6.91	97	670	32837	.180	.571	.429	9.05	74	670	25511	.433	.668	.332
521	6.54	2,726	17,822	24290440	-.004	.499	.499	7.15	2,494	17,822	22310965	.338	.632	.368
522	9.37	790	7,402	2908071	-.262	.397	.397	10.57	700	7,402	2536526	-.958	.169	.169
523	9.35	407	3,804	848821	3.372	1.000	0	10.20	373	3,804	764670	2.604	.995	.005
524	12.36	197	2,435	223244	-1.683	.046	.046	15.31	159	2,435	183267	-1.164	.122	.122
525	--	--	--	--	--	--	--	--	--	--	--	--	--	--
526	9.18	3,547	32,561	62440897	8.385	0	0	10.92	2,983	32,561	51015510	4.774	1.000	0
527	4.69	1,852	8,692	8171566	1.137	.872	.128	5.41	1,607	8,692	7039442	.551	.709	.291
528	4.70	672	3,157	1037024	-1.004	.158	.158	5.32	593	3,157	934966	-.049	.480	.480

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
529	5.79	2,000	11,583	12025927	2.962	.998	.002	6.71	1,727	1,1583	10331470	2.372	.991	.009
530	5.22	6,542	34,124	114122703	3.142	.999	.001	6.01	5,680	34,124	99659956	3.701	1.000	0
531	10.41	611	6,363	1883719	-1.325	.093	.093	10.48	607	6,363	1876869	-1.200	.115	.115
532	6.73	5,356	36,056	100075132	4.617	1.000	0	7.96	4,531	36,056	82972372	1.838	.967	.033
533	8.53	3,018	25,757	40443197	3.858	1.000	0	10.60	2,431	25,757	31875316	1.549	.939	.061
534	7.59	130	986	58643	-1.678	.047	.047	9.57	103	986	47536	-1.123	.131	.131
535	6.50	6,459	41,954	140816640	5.472	0	0	7.63	5,496	41,954	119517359	4.709	1.000	0
536	10.07	15	151	1189	.335	.631	.369	10.07	15	151	1189	.335	.631	.369
537	6.48	4,918	31,864	82542081	6.493	0	0	7.71	4,134	31,864	67678948	3.071	.999	.001
538	10.70	214	2,290	232468	-1.299	.097	.097	12.87	178	2,290	200071	-.424	.336	.336
539	7.68	2,569	19,726	25990843	2.262	.988	.012	8.94	2,206	19,726	22380292	2.328	.990	.010
540	7.79	214	1,666	179557	.184	.573	.427	8.46	197	1,666	171808	1.142	.873	.127
541	6.05	5,790	35,035	103810184	3.098	.999	.001	7.09	4,940	35,035	88413582	2.641	.996	.004
542	8.71	136	1,184	67218	-3.335	0	0	11.72	101	1184	51183	-2.506	.006	.006
543	9.69	864	8,373	3645829	.404	.657	.343	11.13	752	8373	3130913	-.262	.397	.397
544	6.58	4,461	29,330	67663272	3.966	1.000	0	8.24	3,561	29,330	53041648	1.622	.948	.052
545	6.83	1,230	8,397	4974119	-2.235	.013	.013	8.48	990	8,397	4014609	-1.861	.031	.031
546	5.51	5,701	31,403	90540761	1.500	.933	.067	6.06	5,182	31,403	82075337	1.088	.862	.138
547	7.32	2,411	17,650	21272853	-.017	.493	.493	8.94	1,974	17,650	17518892	.434	.668	.332
548	4.74	2,766	13,112	17739848	-1.980	.024	.024	5.56	2,357	13,112	15325187	-.693	.244	.244
549	15.42	57	879	26349	.677	.751	.249	19.53	45	879	20043	.156	.562	.438
550	5.62	149	838	59591	-.962	.168	.168	7.29	115	838	45532	-1.023	.153	.153
551	5.78	950	5,486	2682809	1.577	.943	.057	6.96	788	5,486	2230157	1.545	.939	.061
552	5.39	3,631	19,567	37175303	4.852	1.000	0	6.30	3,107	19,567	31641222	3.951	1.000	0
553	3.90	39	152	2529	-1.588	.056	.056	5.07	30	152	2010	-1.123	.131	.131
554	4.66	2,552	11,901	15118744	-.386	.350	.350	5.63	2,114	11,901	12551407	-.177	.430	.430
555	4.32	34	147	1953	-2.207	.014	.014	5.25	28	147	1830	-1.015	.155	.155
556	4.61	4,337	19,994	44291741	2.459	.993	.007	5.41	3,696	19,994	38124332	3.350	1.000	0
557	7.41	37	274	5026	-.089	.464	.464	7.41	37	274	5026	-.089	.464	.464
558	8.59	248	2,129	250944	-1.349	.089	.089	8.83	241	2,129	245290	-1.180	.119	.119
559	4.75	123	584	36188	.146	.558	.442	5.78	101	584	29249	-.143	.443	.443
560	4.44	55	244	6631	-.151	.440	.440	5.08	48	244	6011	.318	.625	.375
561	4.73	3,763	17,792	33622959	.468	.680	.320	5.42	3,283	17,792	29400805	.663	.746	.254
562	4.78	4,328	20,691	45135744	.917	.820	.180	5.64	3,668	20,691	38514719	1.569	.942	.058
563	5.30	3,190	16,893	26854026	-.328	.371	.371	5.87	2,879	16,893	24302906	-.056	.478	.478
564	4.90	3,871	18,979	37963366	3.607	1.000	0	5.83	3,255	18,979	32106503	3.897	1.000	0
565	4.89	1,001	4,897	2542650	2.050	.980	.020	5.69	861	4,897	2176138	1.639	.949	.051
566	4.63	3,233	14,981	24845157	2.555	.995	.005	5.60	2,677	14,981	20428808	1.684	.954	.046
567	6.79	1,295	8,792	6385569	7.585	0	0	7.96	1,105	8,792	5420278	6.670	0	0
568	4.58	3,455	15,815	27945778	2.330	.990	.010	5.46	2,899	15,815	23415530	2.000	.977	.023
569	4.95	1,861	9,218	8476843	-.876	.191	.191	6.08	1,517	9,218	6900217	-.884	.188	.188
570	4.84	752	3,637	1336581	-1.074	.141	.141	5.48	664	3,637	1183777	-.876	.191	.191
571	4.85	3,738	18,133	34724450	2.606	.995	.005	5.86	3,097	18,133	28938052	2.949	.998	.002
572	7.36	1,736	12,769	11806536	4.708	1.000	0	8.24	1,550	12,769	10276351	2.621	.996	.004
573	10.27	491	5,041	1248230	.331	.630	.370	12.39	407	5,041	1043534	.603	.727	.273
574	4.82	2,316	11,163	13078969	.982	.837	.163	5.82	1,918	11,163	10660549	-.317	.376	.376
575	11.18	1,566	17,501	12832301	-4.357	0	0	11.81	1,482	17,501	12271536	-3.582	0	0
576	7.01	516	3,617	917177	-.675	.250	.250	8.26	438	3,617	778170	-.639	.262	.262

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
577	8.11	2,291	18,568	22369794	4.288	1.000	0	9.07	2,047	18,568	19740937	3.037	.999	.001
578	4.67	4,316	20,145	43673566	.525	.700	.300	5.66	3,560	20,145	36192633	.964	.832	.168
579	6.12	2,304	14,090	16553757	1.650	.950	.050	7.11	1,981	14,090	14308716	1.948	.974	.026
580	6.08	12	73	431	-.096	.462	.462	6.64	11	73	425	.336	.632	.368
581	4.15	570	2,368	668593	-.385	.350	.350	4.80	493	2368	570481	-.872	.192	.192
582	8.07	2,291	18,495	22465943	5.009	0	0	9.03	2,048	18,495	19806131	3.589	1.000	0
583	18.64	868	16,182	7226285	1.477	.930	.070	19.88	814	16,182	6873872	2.159	.985	.015
584	4.21	58	244	6886	-.354	.362	.362	4.88	50	244	6109	.018	.507	.493
585	7.27	1,807	13,130	12671531	5.018	0	0	8.57	1,533	13,130	10431632	2.476	.993	.007
586	27.47	15	412	2245	-1.834	.033	.033	34.33	12	412	1747	-1.760	.039	.039
587	7.77	470	3,651	846503	-.503	.308	.308	8.61	424	3,651	761997	-.554	.290	.290
588	7.20	1,188	8,550	4914022	-1.936	.026	.026	8.53	1,002	8,550	4118850	-2.108	.018	.018
589	5.26	1,246	6,553	4241848	2.386	.991	.009	6.42	1,021	6,553	3495247	2.481	.993	.007
590	7.71	48	370	10258	1.862	.969	.031	7.71	48	370	10258	1.862	.969	.031
591	5.52	662	3,653	1125843	-3.070	.001	.001	6.50	562	3,653	980452	-1.842	.033	.033
592	6.77	3,263	22,076	36445404	1.177	.880	.120	7.92	2,787	22,076	31000267	.706	.760	.240
593	5.45	2,849	15,514	23173951	4.494	1.000	0	6.20	2,503	15,514	20520400	4.930	1.000	0
594	4.96	1,184	5,874	3553176	1.299	.903	.097	6.01	977	5,874	2918104	.918	.821	.179
595	9.07	1,017	9,226	4729962	.454	.675	.325	9.82	940	9,226	4329183	-.086	.466	.466
596	6.12	4,202	25,710	54810738	1.650	.951	.049	7.09	3,624	25,710	47037944	1.010	.844	.156
597	4.87	4,226	20,570	45469168	5.193	0	0	5.53	3,720	20,570	39581091	3.647	1.000	0
598	5.03	208	1,047	92073	-3.858	0	0	5.75	182	1,047	79120	-3.963	0	0
599	9.71	1,822	17,699	16268078	.662	.746	.254	10.17	1,741	17,699	15763885	1.674	.953	.047
600	6.17	3,166	19,532	32996124	6.547	0	0	7.39	2,643	19,532	27051244	4.277	1.000	0
601	5.02	6,440	32,319	106588024	3.367	1.000	0	5.66	5,709	32,319	94093221	2.608	.995	.005
602	6.13	2,508	15,379	20120283	3.756	1.000	0	6.84	2,250	15,379	17862728	2.666	.996	.004
603	5.31	1,173	6,226	3729436	1.265	.897	.103	6.33	983	6,226	3107968	.850	.802	.198
604	6.24	1,967	12,277	12169249	.603	.727	.273	7.41	1,656	12,277	10243761	.544	.707	.293
605	8.10	767	6,210	2439304	1.164	.878	.122	9.57	649	6,210	2096660	1.785	.963	.037
606	10.03	525	5,266	1404962	.650	.742	.258	11.47	459	5,266	1222867	.440	.670	.330
607	9.48	411	3,895	808196	.341	.633	.367	11.03	353	3,895	694360	.326	.628	.372
608	8.12	2,605	21,162	29312477	5.609	0	0	9.71	2,180	21,162	24009611	3.306	1.000	0
609	14.26	203	2,895	262526	-2.630	.004	.004	17.23	168	2,895	216010	-2.508	.006	.006
610	8.35	3,653	30,487	54999369	-1.288	.099	.099	9.50	3,210	30,487	47559552	-2.752	.003	.003
611	7.86	1,046	8,219	4478117	2.340	.990	.010	10.10	814	8,219	3440202	1.404	.920	.080
612	9.12	396	3,610	684079	-1.480	.069	.069	11.01	328	3,610	581711	-.547	.292	.292
613	10.44	66	689	21817	-.569	.285	.285	11.48	60	689	19635	-.672	.251	.251
614	9.69	346	3,354	578314	-.107	.457	.457	11.73	286	3,354	471356	-.505	.307	.307
615	7.63	8	61	236	-.161	.436	.436	8.71	7	61	223	.204	.581	.419
616	9.94	189	1,878	165890	-1.554	.060	.060	11.11	169	1,878	149166	-1.352	.088	.088
617	6.69	262	1,753	201961	-3.380	0	0	6.93	253	1,753	194012	-3.447	0	0
618	4.99	4,133	20,642	42947125	.758	.776	.224	5.77	3,575	20,642	37338693	1.238	.892	.108
619	7.29	3,903	28,443	55973136	.910	.818	.182	8.34	3,412	28,443	47988867	-1.115	.132	.132
620	6.51	107	697	37658	.177	.570	.430	7.74	90	697	31765	.210	.583	.417
621	5.33	3,095	16,498	26117002	2.213	.987	.013	6.28	2,628	16,498	22409196	2.993	.999	.001
622	5.84	6,194	36,185	110456864	-1.956	.025	.025	6.74	5,371	36,185	95539437	-2.136	.016	.016
623	6.81	1,081	7,364	4057369	1.104	.865	.135	8.00	921	7,364	3437883	.725	.766	.234
624	7.34	265	1,944	252111	-.599	.275	.275	7.87	247	1,944	228750	-1.285	.099	.099

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
625	6.60	1,510	9,960	7884995	3.269	.999	.001	8.26	1,206	9,960	6246594	2.411	.992	.008
626	7.24	1,495	10,827	8073364	-.164	.435	.435	8.13	1,332	10,827	7185174	-.225	.411	.411
627	10.53	1,123	11,821	6851917	1.875	.970	.030	12.54	943	11,821	5940725	3.503	1.000	0
628	8.60	582	5,003	1370446	-2.452	.007	.007	10.78	464	5,003	1091438	-2.226	.013	.013
629	5.87	4,507	26,452	61517362	3.722	1.000	0	7.51	3,523	26,452	47339847	1.643	.950	.050
630	5.94	1,670	9,923	8172530	-.967	.167	.167	7.50	1,323	9,923	6480972	-.798	.213	.213
631	6.79	1,604	10,894	8969681	1.848	.968	.032	7.88	1,382	10,894	7732516	1.752	.960	.040
632	5.77	1,380	7,960	5551979	.698	.757	.243	6.89	1,155	7,960	4640067	.553	.710	.290
633	6.38	267	1,702	209905	-2.156	.016	.016	7.06	241	1702	197091	-1.049	.147	.147
634	11.15	26	290	3556	-.501	.308	.308	11.60	25	290	3326	-.714	.238	.238
635	8.69	3,089	26,842	45266631	8.845	0	0	10.23	2,625	26,842	37534052	5.803	0	0
636	4.45	4,660	20,742	46871130	-3.566	0	0	5.17	4,015	20,742	40533774	-2.915	.002	.002
637	10.33	2,363	24,410	29136034	.863	.806	.194	11.91	2,049	24,410	25565614	1.748	.960	.040
638	8.07	1,377	11,115	7841056	1.582	.943	.057	9.52	1,167	11,115	6645593	1.460	.928	.072
639	6.36	821	5,224	2233257	2.055	.980	.020	7.39	707	5,224	1884622	.946	.828	.172
640	4.35	1,348	5,865	4107494	2.485	.994	.006	4.97	1,181	5,865	3627940	2.830	.998	.002
641	7.04	170	1,196	101108	-.123	.451	.451	8.79	136	1,196	78441	-.717	.237	.237
642	5.96	49	292	8161	1.707	.956	.044	7.68	38	292	5936	.747	.772	.228
643	5.57	5,894	32,853	96258687	-.768	.221	.221	6.66	4,933	32,853	82382726	2.028	.979	.021
644	10.35	239	2,473	311846	1.479	.930	.070	13.37	185	2,473	242329	1.398	.919	.081
645	8.84	3,103	27,442	41784993	-1.793	.036	.036	11.04	2,485	27,442	34045296	-.130	.448	.448
646	13.59	1,524	20,715	15447951	-1.443	.075	.075	17.94	1,155	20,715	11964485	.008	.503	.497
647	7.32	124	907	62628	2.193	.986	.014	8.48	107	907	54683	2.274	.989	.011
648	12.34	155	1,913	124845	-3.405	0	0	12.34	155	1,913	124845	-3.405	0	0
649	12.59	649	8,170	2509365	-2.360	.009	.009	15.99	511	8,170	1923587	-3.073	.001	.001
650	7.56	1,903	14,391	13923930	1.274	.899	.101	8.97	1,605	14,391	11604868	.337	.632	.368
651	8.73	321	2,802	452378	.183	.573	.427	11.08	253	2,802	349962	-.349	.364	.364
652	6.94	115	798	47791	.772	.780	.220	9.07	88	798	36852	.805	.790	.210
653	6.15	176	1,083	99418	.992	.839	.161	7.27	149	1,083	84491	.998	.841	.159
654	9.13	1,134	10,351	6092101	2.217	.987	.013	10.88	951	10,351	5099434	1.927	.973	.027
655	7.69	372	2,861	498435	-2.116	.017	.017	8.80	325	2,861	444301	-1.384	.083	.083
656	4.95	959	4,743	2247306	-.636	.262	.262	6.01	789	4,743	1862818	-.216	.415	.415
657	7.50	1,547	11,595	9036042	.511	.695	.305	8.76	1,324	11,595	7720889	.370	.644	.356
658	7.88	727	5,729	2138127	1.248	.894	.106	9.30	616	5,729	1809837	1.104	.865	.135
659	6.59	421	2,776	581895	-.149	.441	.441	7.80	356	2,776	484084	-.664	.253	.253
660	5.20	924	4,805	2250051	.715	.763	.237	6.04	795	4,805	1938316	.724	.765	.235
661	5.13	552	2,832	791513	.514	.696	.304	6.25	453	2,832	643472	.116	.546	.454
662	9.62	571	5,490	1626886	1.571	.942	.058	10.06	546	5,490	1549071	1.358	.913	.087
663	9.55	3,417	32,622	56317146	1.058	.855	.145	11.45	2,850	32,622	46231575	-.507	.306	.306
664	6.40	5,794	37,084	109984292	3.132	.999	.001	7.76	4,779	37,084	90422418	2.446	.993	.007
665	11.86	1,587	18,826	15190727	1.165	.878	.122	14.54	1,295	18,826	12114610	-.385	.350	.350
666	12.03	108	1,299	77533	1.896	.971	.029	15.46	84	1,299	58488	1.144	.874	.126
667	9.08	1,507	13,689	10217158	-.636	.263	.263	11.51	1,189	13,689	7983827	-1.132	.129	.129
668	10.12	767	7,761	3102169	2.028	.979	.021	13.71	566	7,761	2281365	1.595	.945	.055
669	5.07	1,120	5,676	3173774	-.087	.465	.465	5.93	957	5,676	2704616	-.224	.411	.411
670	7.60	1,116	8,485	4668136	-.813	.208	.208	9.16	926	8,485	3836478	-1.235	.108	.108
671	5.47	3,435	18,797	33302341	3.203	.999	.001	6.52	2,882	18,797	27961386	3.003	.999	.001
672	8.88	2,178	19,344	21412987	1.333	.909	.091	10.04	1,927	19,344	18852798	.877	.810	.190

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
673	10.56	519	5,481	1425639	0.092	.537	.463	11.01	498	5,481	1383702	0.536	.704	.296
674	11.04	162	1,788	145512	.104	.542	.459	11.18	160	1,788	142917	-.019	.492	.492
675	6.86	386	2,649	513624	.158	.563	.437	8.92	297	2,649	394801	.108	.543	.457
676	8.77	379	3,324	586696	-2.313	.010	.010	9.18	362	3,324	556960	-2.448	.007	.007
677	10.37	1,982	20,545	21033954	2.552	.995	.005	12.19	1,685	20,545	17518651	.861	.805	.195
678	9.24	17	157	1566	1.239	.892	.108	9.24	17	157	1566	1.239	.892	.108
679	8.20	2,759	22,630	31902151	1.994	.977	.023	10.23	2,212	22,630	25090678	.202	.580	.420
680	8.00	545	4,360	1265897	2.648	.996	.004	8.70	501	4,360	1124556	1.149	.875	.125
681	7.48	112	838	44917	-.786	.216	.216	7.98	105	838	42359	-.660	.255	.255
682	6.79	750	5,092	1897222	-.305	.380	.380	8.13	626	5,092	1618083	.660	.745	.255
683	5.92	2,061	12,199	12627838	.355	.639	.361	6.91	1,765	12,199	10788558	.155	.562	.438
684	5.98	2,598	15,522	20214328	.224	.589	.411	7.19	2,160	15,522	17045965	1.355	.912	.088
685	4.56	7,723	35,218	141791766	6.489	0	0	5.26	6,692	35,218	121193839	4.033	1.000	0
686	7.93	737	5,847	2147473	-.156	.438	.438	8.47	690	5,847	2015429	-.040	.484	.484
687	11.06	140	1,548	104990	-.637	.262	.262	11.64	133	1,548	101399	-.299	.382	.382
688	9.43	476	4,487	1092225	.861	.805	.195	9.45	475	4,487	1089633	.849	.802	.198
689	6.96	848	5,899	2436681	-1.301	.097	.097	7.46	791	5,899	2292282	-.851	.197	.197
690	4.97	2,520	12,527	15476876	-1.692	.045	.045	5.88	2,131	12,527	13071916	-1.651	.049	.049
691	5.24	3,493	18,319	32372061	1.209	.887	.113	5.88	3,118	18,319	29059299	1.693	.955	.045
692	7.60	2,473	18,792	21205039	-7.530	0	0	8.88	2,116	18,792	18518171	-5.465	0	0
693	7.62	2,516	19,163	24761379	2.358	.991	.009	9.18	2,087	19,163	20698114	2.776	.997	.003
694	7.29	1,001	7,301	3717190	.945	.828	.172	7.98	915	7,301	3358148	.281	.611	.389
695	9.46	1,430	13,531	9499593	-1.185	.118	.118	11.35	1,192	13,531	7897529	-1.238	.108	.108
696	8.14	1,575	12,822	9920130	-1.206	.114	.114	10.23	1,254	12,822	7946824	-.706	.240	.240
697	4.68	5,042	23,585	59208287	-.516	.303	.303	5.49	4,298	23,585	51073270	.872	.808	.192
698	7.24	5,183	37,526	101467418	5.410	0	0	8.77	4,279	37,526	83436632	4.445	1.000	0
699	6.26	253	1,583	213455	1.817	.965	.035	7.72	205	1,583	172203	1.520	.936	.064
700	6.06	3,244	19,662	33650754	5.441	0	0	7.51	2,620	19,662	27041782	4.422	1.000	0
701	7.63	235	1,793	212993	.292	.615	.385	8.08	222	1,793	199589	.073	.529	.471
702	8.91	136	1,212	72548	-2.419	.008	.008	11.02	110	1,212	56686	-2.718	.003	.003
703	9.98	473	4,722	1161089	1.496	.933	.067	10.27	460	4,722	1114868	.985	.838	.162
704	9.64	44	424	9296	-.039	.484	.484	11.46	37	424	7425	-.563	.287	.287
705	5.99	2,145	12,843	14150307	2.191	.986	.014	6.59	1,949	12,843	12989894	2.898	.998	.002
706	5.03	7,137	35,879	130770518	3.127	.999	.001	5.74	6,250	35,879	113894304	2.165	.985	.015
707	4.77	1,951	9,308	9223112	1.206	.886	.114	5.58	1,668	9308	7965217	1.844	.967	.033
708	11.53	1,402	16,163	11763375	2.479	.993	.007	13.04	1,240	16,163	10379867	2.184	.986	.014
709	7.38	8	59	273	.768	.779	.221	7.38	8	59	273	.768	.779	.221
710	7.88	152	1,198	88077	-.697	.243	.243	9.43	127	1,198	72096	-1.020	.154	.154
711	11.45	1,294	14,820	9629743	.268	.606	.394	12.19	1,216	14,820	9118694	.725	.766	.234
712	11.56	116	1,341	80076	.551	.709	.291	13.28	101	1,341	68907	.305	.620	.380
713	5.38	1,889	10,153	9420026	-1.331	.092	.092	5.97	1,702	10,153	8702879	.518	.698	.302
714	9.13	40	365	5778	-2.284	.011	.011	12.59	29	365	3480	-3.194	.001	.001
715	9.61	152	1,460	110321	-.123	.451	.451	11.68	125	1,460	90913	-.072	.471	.471
716	9.40	672	6,316	2156964	.736	.769	.231	11.61	544	6,316	1784470	1.564	.941	.059
717	8.24	4,025	33,144	67320307	1.018	.846	.154	10.38	3,194	33,144	52787571	-.265	.395	.395
718	4.72	1,458	6,885	5000041	-.252	.400	.400	5.51	1,250	6,885	4305727	.037	.515	.485
719	4.89	892	4,364	1871226	-1.997	.023	.023	5.52	790	4,364	1652127	-2.024	.022	.022
720	4.93	6,743	33,230	114956102	3.708	1.000	0	5.81	5,720	33,230	96890105	2.553	.995	.005

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
721	5.59	6,527	36,455	118286971	-0.804	.211	.211	6.98	5,223	36,455	95013161	-0.249	.402	.402
722	6.70	241	1,614	200493	.830	.797	.203	7.84	206	1,614	174339	1.211	.887	.113
723	4.27	528	2,252	595103	.039	.515	.485	4.97	453	2,252	510231	.011	.504	.496
724	8.05	1,137	9,151	5438884	2.656	.996	.004	8.99	1,018	9,151	4830018	2.043	.979	.021
725	6.87	1,334	9,162	6068627	-.439	.330	.330	8.54	1,073	9,162	4911956	-.040	.484	.484
726	6.13	190	1,165	115012	.936	.825	.175	7.19	162	1,165	97900	.826	.795	.205
727	5.45	4,636	25,281	59652251	2.115	.983	.017	6.24	4,050	25,281	52062450	1.870	.969	.031
728	5.34	1,929	10,305	10488813	4.207	1.000	0	6.04	1,707	10,305	9302696	4.128	1.000	0
729	7.25	890	6,453	2883602	.216	.586	.414	8.28	779	6,453	2537688	.466	.679	.321
730	6.50	2	13	9	-.754	.226	.226	6.50	2	13	9	-.754	.226	.226
731	8.40	744	6,252	2315484	-.208	.417	.417	8.40	744	6,252	2315484	-.208	.417	.417
732	6.75	1,010	6,819	3334745	-1.740	.041	.041	8.39	813	6,819	2699492	-1.291	.098	.098
733	14.96	23	344	4693	1.548	.939	.061	17.20	20	344	3943	1.133	.871	.129
734	10.09	2,286	23,057	25752201	-1.892	.029	.029	12.73	1,812	23,057	20112729	-2.742	.003	.003
735	7.04	281	1,979	259653	-1.921	.027	.027	8.96	221	1,979	202014	-1.962	.025	.025
736	8.79	921	8,096	3824605	1.359	.913	.087	9.78	828	80,96	3441357	1.333	.909	.091
737	13.04	203	2,647	284710	1.473	.930	.070	15.48	171	2,647	239442	1.313	.905	.095
738	8.35	1,716	14,333	12346452	.284	.612	.388	11.12	1,289	14,333	9249558	.080	.532	.468
739	11.65	428	4,987	1137833	2.371	.991	.009	13.55	368	4,987	925176	.274	.608	.392
740	8.72	111	968	52427	-.441	.330	.330	10.52	92	968	44677	.056	.522	.478
741	8.88	16	142	953	-1.116	.132	.132	9.47	15	142	861	-1.285	.099	.099
742	5.58	4,747	26,466	63172979	.676	.750	.250	6.77	3,908	26,466	51883438	.354	.638	.362
743	4.93	6,780	33,395	115464929	2.842	.998	.002	5.68	5,875	33,395	99505179	1.905	.972	.028
744	8.04	788	6,333	2581519	1.682	.954	.046	9.61	659	6,333	2120816	.726	.766	.234
745	6.64	1,348	8,954	6020973	-.148	.441	.441	7.90	1,133	8,954	5102879	.350	.637	.363
746	7.49	2,745	20,552	29723174	4.876	1.000	0	8.89	2,311	20,552	24911878	4.081	1.000	0
747	7.84	2,496	19,569	25028954	2.150	.984	.016	9.44	2,072	19,569	20739583	1.813	.965	.035
748	6.24	5,278	32,946	92812855	8.493	0	0	7.34	4,490	32,946	78353778	6.889	0	0
749	6.13	2,215	13,573	14320146	-3.861	0	0	7.73	1,756	13,573	11390849	-3.205	.001	.001
750	5.37	3,459	18,579	31420978	-2.255	.012	.012	5.89	3,152	18,579	28719037	-1.865	.031	.031
751	5.85	1,303	7,628	4692204	-3.490	0	0	7.04	1,083	7,628	4001391	-1.783	.037	.037
752	12.94	94	1,216	55075	-.610	.271	.271	15.79	77	1,216	44014	-.910	.182	.182
753	7.13	285	2,033	281016	-.877	.190	.190	8.04	253	2,033	258296	.120	.548	.452
754	4.72	546	2,575	664383	-2.222	.013	.013	5.56	463	2,575	551420	-2.794	.003	.003
755	7.64	2,815	21,499	29672321	-1.784	.037	.037	10.15	2,119	21,499	22565483	-.745	.228	.228
756	32.00	2	64	37	-1.033	.151	.151	32.00	2	64	37	-1.033	.151	.151
757	11.57	505	5,844	1565470	2.370	.991	.009	12.23	478	5,844	1464973	1.851	.968	.032
758	6.08	5,322	32,344	88482876	3.546	1.000	0	6.95	4,655	32,344	76515823	1.939	.974	.026
759	7.16	2,149	15,392	16298873	-1.164	.122	.122	8.39	1,834	15,392	14156566	.221	.588	.412
760	8.46	2,522	21,345	27037603	.393	.653	.347	10.67	2,000	21,345	21566558	.804	.789	.211
761	8.28	1,634	13,531	11015307	-.250	.401	.401	10.50	1,289	13,531	8696495	-.173	.431	.431
762	10.99	2,301	25,291	29134628	.107	.542	.458	14.19	1,783	25,291	22577064	.098	.539	.461
763	10.48	113	1,184	56510	-2.859	.002	.002	10.48	113	1,184	56510	-2.859	.002	.002
764	6.51	5,040	32,783	87030134	6.574	0	0	7.53	4,353	32,783	73765429	3.865	1.000	0
765	6.06	2,013	12,195	12071544	-1.284	.100	.100	7.32	1,666	12,195	10137454	-.146	.442	.442
766	6.48	413	2,674	490020	-3.963	0	0	7.58	353	2,674	419549	-3.614	0	0
767	8.96	3,705	33,202	61889219	.656	.744	.256	9.92	3,348	33,202	55362015	-.393	.347	.347
768	8.33	4,073	33,925	73247300	6.654	0	0	9.98	3,398	33,925	59680213	3.576	1.000	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
769	10.28	206	2,118	201720	-1.873	.031	.031	11.90	178	2,118	172915	-1.911	.028	.028
770	15.47	526	8,136	2190574	.943	.827	.173	19.61	415	8,136	1775401	1.822	.966	.034
771	10.12	367	3,714	717410	1.747	.960	.040	11.12	334	3,714	651889	1.615	.947	.053
772	12.20	15	183	1179	-.946	.172	.172	13.07	14	183	1156	-.632	.264	.264
773	8.76	59	517	13041	-1.928	.027	.027	11.49	45	517	10063	-1.568	.058	.058
774	7.80	3,956	30,870	60735151	-.581	.281	.281	9.64	3,204	30,870	49011551	-.877	.190	.190
775	11.69	26	304	4026	.165	.566	.434	12.16	25	304	3871	.162	.564	.436
776	7.12	986	7,015	3449908	-.134	.447	.447	7.73	907	7,015	3188652	.121	.548	.452
777	8.59	798	6,852	2433653	-5.374	0	0	9.10	753	6,852	2331951	-4.566	0	0
778	9.09	1,072	9,749	5093470	-1.433	.076	.076	10.22	954	9,749	4395628	-2.930	.002	.002
779	9.36	1,710	16,007	13585757	-.525	.300	.300	10.97	1,459	16,007	11904492	1.288	.901	.099
780	5.49	6,296	34,558	109646660	1.084	.861	.139	6.61	5,230	34,558	91771734	1.944	.974	.026
781	7.24	4,784	34,614	82457373	-.491	.312	.312	8.73	3,966	34,614	68052835	-.932	.176	.176
782	6.05	1,537	9,303	7282368	1.263	.897	.103	6.32	1,472	9,303	7029255	1.769	.962	.038
783	11.32	129	1,460	73427	-4.333	0	0	12.17	120	1,460	70598	-3.683	0	0
784	12.36	382	4,721	764479	-5.152	0	0	14.26	331	4,721	689993	-3.684	0	0
785	12.55	1,520	19,079	14243479	-1.195	.116	.116	14.65	1,302	19,079	12198598	-1.116	.132	.132
786	10.50	1,861	19,541	18359848	.727	.766	.234	13.62	1,435	19,541	14168265	.691	.755	.245
787	9.22	657	6,055	1973464	-.348	.364	.364	9.24	655	6,055	1973129	-.221	.413	.413
788	6.06	266	1,612	226559	1.603	.945	.055	7.23	223	1,612	189817	1.450	.927	.074
789	5.18	1,611	8,344	6794754	.762	.777	.223	5.79	1,441	8,344	6066389	.597	.725	.275
790	6.59	337	2,219	349650	-2.062	.020	.020	6.85	324	2,219	337847	-1.876	.030	.030
791	10.62	444	4,714	1048353	.064	.526	.474	11.20	421	4,714	997287	.179	.571	.429
792	6.43	70	450	18101	2.163	.985	.015	7.63	59	450	15630	2.360	.991	.009
793	6.55	2,927	19,181	28996789	3.089	.999	.001	7.06	2,716	19,181	26751416	2.438	.993	.007
794	4.97	2,349	11,685	13742433	.113	.545	.455	5.82	2,007	11,685	11626908	-.655	.256	.256
795	6.41	2,661	17,047	23167884	1.918	.972	.028	7.65	2,229	17,047	19480315	2.072	.981	.019
796	10.73	487	5,225	1364523	2.771	.997	.003	13.16	397	5,225	1143298	3.532	1.000	0
797	8.47	3,362	28,459	48796044	2.008	.978	.022	10.60	2,685	28,459	39063772	2.015	.978	.022
798	9.91	70	694	21673	-1.561	.059	.059	14.46	48	694	14852	-1.300	.097	.097
799	8.82	1,038	9,155	4384384	-4.311	0	0	9.14	1,002	9,155	4316190	-3.233	.001	.001
800	7.97	144	1,148	82022	-.159	.437	.437	9.81	117	1,148	65697	-.408	.342	.342
801	11.60	1,276	14,804	9452073	.047	.519	.481	15.14	978	1,4804	7302270	.472	.682	.318
802	15.59	97	1,512	64159	-2.134	.016	.016	19.90	76	1512	47792	-2.540	.006	.006
803	6.69	1,091	7,299	4021909	.579	.719	.281	7.93	920	7,299	3336394	-.331	.370	.370
804	8.51	80	681	27084	-.089	.465	.465	10.81	63	681	21756	.195	.577	.423
805	7.29	1,576	11,493	9106657	.381	.648	.352	8.95	1,284	11,493	7376182	-.020	.492	.492
806	4.87	3,525	17,161	30388007	.482	.685	.315	5.77	2,974	17,161	26024909	1.875	.970	.030
807	6.27	2,094	13,131	13634389	-.656	.256	.256	7.12	1,845	13,131	12054753	-.360	.359	.359
808	7.98	2,258	18,012	22152347	7.353	0	0	8.67	2,078	18,012	20043962	5.609	0	0
809	9.59	1,924	18,442	19075667	5.715	0	0	11.10	1,662	18,442	15914540	2.715	.997	.003
810	8.99	2,289	20,566	24720058	4.162	1.000	0	10.97	1,874	20,566	20200876	3.621	1.000	0
811	5.35	1,379	7,376	4982517	-1.306	.096	.096	6.01	1,228	7,376	4405946	-1.647	.050	.050
812	10.04	666	6,684	2303311	1.557	.940	.060	10.59	631	6,684	2184190	1.555	.940	.060
813	4.88	17	83	657	-.491	.312	.312	5.93	14	83	506	-.837	.201	.201
814	6.72	3,634	24,404	44243812	-.231	.408	.408	8.78	2,780	24,404	34049986	.346	.635	.365
815	5.38	5,645	30,377	86442940	1.068	.857	.143	6.03	5,034	30,377	76150935	-.495	.310	.310
816	4.88	2,648	12,922	16893238	-1.123	.131	.131	5.76	2,244	12,922	14305890	-1.090	.138	.138

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
817	7.62	816	6,220	2550892	0.256	.601	.399	7.74	804	6,220	2497915	-0.050	.480	.480
818	5.80	3,421	19,833	34600881	2.020	.978	.022	6.94	2,857	19,833	29076799	2.436	.993	.007
819	8.37	3,447	28,862	50068754	.665	.747	.253	10.44	2,764	28,862	40521059	1.447	.926	.074
820	7.07	126	891	50480	-1.958	.025	.025	9.58	93	891	35308	-2.469	.007	.007
821	8.76	909	7,961	3452785	-2.388	.008	.008	11.03	722	7,961	2756693	-1.898	.029	.029
822	7.49	2,544	19,050	25287550	3.807	1.000	0	8.51	2,238	19,050	22222932	3.483	1.000	0
823	7.41	4,394	32,540	72234060	1.194	.884	.116	8.96	3,631	32,540	59877723	1.416	.922	.078
824	7.58	280	2,122	287627	-.922	.178	.178	8.73	243	2,122	247701	-1.060	.145	.145
825	18.22	222	4,045	455906	.397	.654	.346	18.22	222	4,045	455906	.397	.654	.346
826	4.87	5,439	26,503	73083059	1.787	.963	.037	5.68	4,667	26,503	62261988	.798	.788	.212
827	4.81	2,170	10,437	11539885	1.537	.938	.062	5.59	1,866	10,437	9784280	.358	.640	.360
828	5.88	4,394	25,827	60568979	7.744	0	0	6.34	4,077	25,827	55146765	5.248	0	0
829	5.13	1,052	5,401	2716936	-2.452	.007	.007	5.61	962	5,401	2515989	-1.693	.045	.045
830	7.30	1,794	13,102	12356078	3.768	1.000	0	8.75	1,497	13,102	10162056	2.427	.992	.008
831	5.64	2,514	14,176	18035850	1.056	.854	.146	6.83	2,077	14,176	15092351	1.987	.977	.023
832	6.71	261	1,752	210037	-2.276	.011	.011	7.62	230	1,752	187945	-1.765	.039	.039
833	8.42	195	1,641	145926	-2.127	.017	.017	10.26	160	1,641	117937	-2.227	.013	.013
834	8.89	462	4,106	954054	.219	.587	.413	10.21	402	4,106	857554	1.357	.913	.087
835	5.69	3,261	18,549	29572684	-2.196	.014	.014	6.22	2,980	18,549	26993481	-2.205	.014	.014
836	7.02	1,075	7,548	4190875	1.873	.969	.031	8.28	912	7,548	3575917	2.037	.979	.021
837	5.01	2,384	11,942	14589198	2.105	.982	.018	5.57	2,144	11,942	13014802	1.334	.909	.091
838	5.23	1,457	7,618	5368788	-2.155	.016	.016	5.92	1,286	7,618	4741672	-1.987	.023	.023
839	4.71	478	2,252	528928	-.654	.257	.257	5.52	408	2,252	458317	-.083	.467	.467
840	6.42	5,675	36,458	105611504	2.727	.997	.003	7.57	4,814	36,458	88968654	1.663	.952	.048
841	4.93	3,664	18,077	33047258	-.221	.413	.413	5.74	3,147	18,077	28619530	.599	.725	.275
842	5.09	3,680	18,731	34134364	-1.008	.157	.157	6.23	3,006	18,731	28009556	-.483	.315	.315
843	6.04	595	3,594	1004681	-2.550	.005	.005	6.57	547	3,594	932080	-2.097	.018	.018
844	7.79	2,255	17,555	20597164	3.341	1.000	0	8.36	2,101	17,555	19051914	2.628	.996	.004
845	4.69	797	3,740	1465730	-.809	.209	.209	5.22	716	3,740	1349276	.359	.640	.360
846	4.78	1,355	6,477	4213352	-2.540	.006	.006	5.41	1,197	6,477	3728098	-2.294	.011	.011
847	8.12	2,210	17,934	21774066	8.041	0	0	8.95	2,004	17,934	19452778	6.399	0	0
848	6.11	4,711	28,763	67953258	.355	.639	.361	7.60	3,787	28,763	54963067	.979	.836	.164
849	5.20	1,304	6,785	4506677	1.172	.879	.121	6.11	1,111	6,785	3844199	1.151	.875	.125
850	10.76	133	1,431	89369	-1.216	.112	.112	10.76	133	1,431	89369	-1.216	.112	.112
851	5.70	64	365	14197	2.986	.999	.001	6.64	55	365	12335	2.940	.998	.002
852	5.79	79	457	18638	.500	.692	.309	6.18	74	457	17341	.381	.648	.352
853	4.64	59	274	8197	.188	.574	.426	5.96	46	274	6285	-.032	.487	.487
854	8.52	2,219	18,899	20923548	-.175	.431	.431	10.06	1,878	18,899	17894692	.628	.735	.265
855	5.91	943	5,570	2575394	-1.030	.152	.152	7.15	779	5,570	2152990	-.368	.356	.356
856	7.79	2,403	18,709	22519849	.155	.562	.438	9.52	1,965	18,709	18643308	1.093	.863	.137
857	8.43	1,079	9,100	5144663	2.726	.997	.003	9.51	957	9,100	4618130	3.246	.999	.001
858	8.18	1,294	10,580	6952267	.974	.835	.165	9.40	1,125	10,580	6058352	1.046	.852	.148
859	7.78	1,204	9,367	5721319	.878	.810	.190	9.79	957	9,367	4498028	.190	.576	.424
860	9.43	129	1,217	73773	-1.184	.118	.118	11.70	104	1,217	56098	-2.006	.022	.022
861	8.07	1,791	14,445	12788652	-.832	.203	.203	9.61	1,503	14,445	10797210	-.360	.359	.359
862	6.04	1,264	7,632	4857089	.430	.666	.334	6.27	1,217	7,632	4670595	.345	.635	.365
863	5.68	75	426	16343	.346	.635	.365	6.27	68	426	14841	.352	.638	.362
864	11.97	1,510	18,069	13858888	1.070	.858	.142	14.68	1231	18,069	11260140	.758	.776	.224

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
865	9.29	252	2,342	282011	-1.219	.112	.112	11.31	207	2,342	230874	-1.185	.118	.118
866	10.97	248	2,721	370217	2.653	.996	.004	12.84	212	2,721	301859	1.175	.880	.120
867	6.95	2,289	15,899	18409627	.971	.834	.166	8.29	1,918	15,899	15544083	1.477	.930	.070
868	8.25	2,636	21,746	28674364	.041	.516	.484	9.00	2,416	21,746	26378012	.353	.638	.362
869	8.67	2,127	18,440	20017944	1.658	.951	.049	10.59	1,741	18,440	16210441	.713	.762	.238
870	5.03	313	1,575	264309	2.216	.987	.013	5.69	277	1,575	232460	1.893	.971	.029
871	14.82	17	252	2651	1.697	.955	.045	14.82	17	252	2651	1.697	.955	.045
872	9.35	52	486	12227	-.404	.343	.343	9.92	49	486	11426	-.490	.312	.312
873	4.41	5,324	23,470	62751849	.556	.711	.289	5.21	4,503	23,470	53397884	1.221	.889	.111
874	4.00	1,430	5,724	3975056	-1.882	.030	.030	4.79	1,195	5,724	3342607	-1.357	.088	.088
875	4.18	116	485	26025	-1.396	.081	.081	4.71	103	485	22870	-1.483	.069	.069
876	--	--	--	--	--	--	--	--	--	--	--	--	--	--
877	10.49	41	430	8698	-.147	.441	.441	13.44	32	430	7394	.732	.768	.232
878	5.41	2,898	15,666	22414578	-1.173	.121	.121	6.00	2,613	15,666	20273171	-.841	.200	.200
879	9.72	1,903	18,493	17191540	-1.737	.041	.041	11.65	1,587	18,493	14480983	-.909	.182	.182
880	8.58	26	223	2869	-.091	.464	.464	11.15	20	223	2107	-.427	.335	.335
881	7.99	2,328	18,595	22605692	3.711	1.000	0	9.62	1,933	18,595	18639920	2.830	.998	.002
882	9.41	194	1,826	172126	-.681	.248	.248	10.14	180	1,826	156056	-1.171	.121	.121
883	7.60	1,434	10,901	7695752	-1.009	.157	.157	8.83	1,235	10,901	6620980	-.998	.159	.159
884	7.85	1,737	13,631	11799548	-.238	.406	.406	9.51	1,433	13,631	9627362	-.935	.175	.175
885	8.13	3,653	29,698	55129006	1.709	.956	.044	9.48	3,133	29,698	47455866	1.946	.974	.026
886	5.50	3,884	21,366	41522266	.077	.531	.469	6.72	3,178	21,366	34017197	.192	.576	.424
887	5.08	4,941	25,079	63401202	2.837	.998	.002	6.07	4,135	25,079	53109986	2.705	.997	.003
888	6.86	2,759	18,929	27153257	3.626	1.000	0	7.70	2,460	18,929	24440771	4.273	1.000	0
889	7.00	1,961	13,726	13765943	1.753	.960	.040	8.63	1,591	13,726	11175284	1.621	.948	.052
890	7.77	1,685	13,085	10961684	-.403	.344	.344	9.30	1,407	13,085	9057233	-1.045	.148	.148
891	11.95	1,518	18,143	14912483	5.596	0	0	14.32	1,267	1,8143	12233193	3.967	1.000	0
892	11.03	655	7,226	2320685	-.859	.195	.195	13.07	553	7,226	1968800	-.595	.276	.276
893	7.57	3,560	26,939	49859054	4.111	1.000	0	9.36	2,878	26,939	39869556	2.647	.996	.004
894	6.70	840	5,631	2329896	-.746	.228	.228	8.06	699	5,631	1928266	-.925	.177	.177
895	9.74	1,753	17,071	14904134	-.284	.388	.388	12.70	1,344	17,071	11548285	.424	.664	.336
896	5.09	7,026	35,755	128275131	3.084	.999	.001	5.97	5,987	35,755	108835494	2.258	.988	.012
897	10.22	18	184	1674	.080	.532	.468	10.22	18	184	1674	.080	.532	.468
898	5.63	215	1,211	129413	-.150	.440	.440	5.74	211	1,211	127892	.026	.510	.490
899	9.67	6	58	104	-1.707	.044	.044	9.67	6	58	104	-1.707	.044	.044
900	7.58	202	1,531	163162	1.358	.913	.087	8.28	185	1,531	145443	.636	.738	.262
901	8.58	3,970	34,050	68126251	.867	.807	.193	10.35	3,290	34,050	56378525	.650	.742	.258
902	12.49	90	1,124	52546	.639	.738	.262	12.77	88	1,124	50662	.396	.654	.346
903	12.51	2,020	25,276	26390062	2.626	.996	.004	16.21	1,559	25,276	20168747	1.618	.947	.053
904	15.23	26	396	4462	-1.177	.120	.120	23.29	17	396	3422	.119	.547	.453
905	12.27	1,355	16,626	11259178	-.028	.489	.489	14.95	1,112	16,626	9320235	.476	.683	.317
906	8.27	3,826	31,631	62399609	3.345	1.000	0	9.82	3,220	31,631	51754874	1.600	.945	.055
907	--	--	--	--	--	--	--	--	--	--	--	--	--	--
908	7.74	2,556	19,782	24980541	-1.042	.149	.149	8.94	2213	19,782	22346266	1.703	.956	.044
909	8.70	965	8,392	3957273	-1.221	.111	.111	9.64	871	8,392	3581863	-1.019	.154	.154
910	11.95	593	7,085	2041759	-1.184	.118	.118	15.82	448	7,085	1551187	-.828	.204	.204
911	12.12	173	2,097	186727	.670	.749	.251	15.53	135	2,097	144421	.409	.659	.341
912	8.16	37	302	3466	-4.000	0	0	8.63	35	302	3388	-3.678	0	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
913	7.27	884	6,422	2891414	0.960	.831	.169	8.16	787	6,422	2623246	1.850	.968	.032
914	5.64	642	3,622	1130385	-1.218	.112	.112	6.71	540	3,622	966483	-.472	.319	.319
915	5.12	6,567	33,649	113654315	4.024	1.000	0	5.95	5,659	33,649	99637122	6.059	0	0
916	5.63	3,398	19,131	33354443	2.643	.996	.004	6.11	3,130	19,131	31542673	5.187	0	0
917	7.68	1,004	7,709	3939855	.992	.839	.161	9.55	807	7,709	3026482	-1.330	.092	.092
918	4.73	1,874	8,856	8090601	-1.875	.030	.030	5.43	1,630	8,856	7143185	-.721	.235	.235
919	11.81	830	9,801	4023099	-.544	.293	.293	12.16	806	9,801	3876506	-.913	.181	.181
920	5.96	3,207	19,104	30103571	-1.696	.045	.045	6.49	2,946	19,104	28041393	-.330	.371	.371
921	8.86	493	4,368	1075744	-.035	.486	.486	9.14	478	4,368	1044590	.023	.509	.491
922	10.08	2,256	22,744	26096059	1.414	.921	.079	12.14	1,873	22,744	22079481	2.744	.997	.003
923	7.94	4,209	33,427	70205000	-.227	.410	.410	9.75	3,429	33,427	56749476	-.993	.160	.160
924	9.98	64	639	19557	-.604	.273	.273	12.06	53	639	15817	-.831	.203	.203
925	12.40	339	4,205	705640	-.318	.375	.375	14.06	299	4,205	639475	.516	.697	.303
926	5.98	93	556	25543	-.201	.420	.420	6.78	82	556	22396	-.275	.392	.392
927	6.65	667	4,433	1420726	-1.745	.040	.040	8.00	554	4,433	1186691	-1.370	.085	.085
928	7.67	994	7,623	4026714	3.432	1.000	0	9.17	831	7,623	3369287	3.183	.999	.001
929	5.51	2,850	15,716	22600020	.845	.801	.199	6.61	2,378	15,716	19004888	1.440	.925	.075
930	9.22	988	9,108	4616654	1.419	.922	.078	11.00	828	9,108	3871936	1.338	.910	.091
931	9.80	494	4,843	1172449	-.765	.222	.222	10.33	469	4,843	1134440	-.041	.484	.484
932	10.81	301	3,255	475950	-.854	.197	.197	11.15	292	3,255	457013	-1.135	.128	.128
933	20.33	3	61	58	-1.098	.136	.136	20.33	3	61	58	-1.098	.136	.136
934	6.61	839	5,547	2337033	.217	.586	.414	7.90	702	5,547	1929509	-.412	.340	.340
935	4.49	4,390	19,694	43890974	1.759	.961	.039	5.33	3,694	19,694	37063391	1.993	.977	.023
936	4.69	2,026	9,510	9520901	-.912	.181	.181	5.36	1,773	9,510	8301502	-1.117	.132	.132
937	4.86	1,836	8,920	8296647	.980	.836	.164	5.69	1,569	8,920	7011535	.135	.554	.446
938	7.49	3,379	25,311	42629455	-.314	.377	.377	9.27	2,730	25,311	34832413	.741	.771	.229
939	6.36	3,396	21,605	39977253	9.058	0	0	7.39	2,923	21,605	33465827	5.606	0	0
940	7.81	2,036	15,898	15870780	-1.513	.065	.065	9.61	1,654	15,898	12921521	-1.212	.113	.113
941	6.38	2,579	16,452	19160054	-8.520	0	0	7.85	2,097	16,452	15968551	-5.892	0	0
942	7.07	1,858	13,131	12296563	.599	.725	.275	8.42	1,559	13,131	10346810	.743	.771	.229
943	9.22	3,541	32,647	59220296	2.530	.994	.006	10.75	3,036	32,647	49822790	.510	.695	.305
944	6.17	931	5,740	2827911	3.084	.999	.001	6.78	847	5,740	2513396	1.711	.956	.044
945	7.10	3,008	21,362	31310055	-2.420	.008	.008	8.73	2,448	21,362	25645540	-1.644	.050	.050
946	5.50	1,787	9,820	9062529	2.406	.992	.008	6.41	1,531	9,820	7705028	1.693	.955	.045
947	7.32	1,882	13,784	12942634	-.163	.435	.435	8.80	1,566	13,784	10996124	1.291	.902	.098
948	6.79	179	1,216	96857	-2.550	.005	.005	9.01	135	1,216	71284	-2.647	.004	.004
949	13.48	1,967	26,509	26575843	1.486	.931	.069	17.63	1,504	26,509	20077221	.480	.684	.316
950	29.00	8	232	1135	1.093	.863	.137	29.00	8	232	1135	1.093	.863	.137
951	5.99	2,071	12,405	13510230	4.080	1.000	0	6.63	1,871	12,405	11907837	1.956	.975	.025
952	7.75	636	4,929	1574227	.190	.575	.425	8.05	612	4,929	1513291	.143	.557	.443
953	6.59	2,127	14,026	14887607	-.156	.438	.438	7.89	1,777	14,026	12560969	.579	.719	.281
954	7.59	912	6,922	2939951	-3.587	0	0	8.28	836	6,922	2724466	-2.924	.002	.002
955	8.29	3,986	33,055	69650502	6.261	0	0	9.41	3,512	33,055	60017303	3.489	1.000	0
956	7.90	4,397	34,736	80186413	5.744	0	0	9.35	3,714	34,736	66141611	2.679	.996	.004
957	6.01	713	4,283	1505704	-.642	.261	.261	6.81	629	4,283	1318564	-.917	.180	.180
958	9.49	1,322	12,543	8258763	-.244	.403	.403	10.66	1,177	12,543	7401535	.161	.564	.436
959	5.75	2,404	13,823	16989609	1.913	.972	.028	6.46	2,141	13,823	15083503	1.549	.939	.061
960	5.79	135	781	60686	3.042	.999	.001	6.56	119	781	53166	2.723	.997	.003

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
961	7.17	2,803	20,090	27864195	-0.951	.171	.171	8.10	2,479	20,090	25202218	1.041	.851	.149
962	13.07	55	719	23856	2.653	.996	.004	13.83	52	719	22055	2.246	.988	.012
963	8.45	135	1,141	65848	-2.919	.002	.002	10.66	107	1,141	53268	-2.282	.011	.011
964	8.33	242	2,015	229624	-1.568	.058	.058	10.08	200	2,015	195471	-.733	.232	.232
965	7.44	1,371	10,194	7763599	7.118	0	0	8.68	1,175	10,194	6522811	5.292	0	0
966	10.31	862	8,889	3912318	1.077	.859	.141	12.06	737	8,889	3329971	.781	.782	.218
967	8.68	582	5,054	1452183	-.527	.299	.299	10.94	462	5,054	1152618	-.474	.318	.318
968	5.76	275	1,583	235394	2.340	.990	.010	7.04	225	1,583	194691	2.422	.992	.008
969	5.53	220	1,217	139876	1.153	.875	.125	6.58	185	1,217	121175	1.800	.964	.036
970	6.94	4,716	32,743	76520915	-1.059	.145	.145	8.84	3,704	32,743	60379977	-.452	.326	.326
971	6.55	263	1,722	233482	.873	.809	.191	7.46	231	1,722	202738	.509	.695	.305
972	8.21	2,256	18,526	21631638	2.891	.998	.002	9.06	2,044	18,526	19630747	2.883	.998	.002
973	13.17	1,484	19,541	14753232	1.168	.879	.121	16.89	1,157	19,541	11743642	2.289	.989	.011
974	5.56	2,006	11,161	11284335	.623	.733	.267	6.41	1,742	11,161	9798918	.578	.718	.282
975	6.15	2,018	12,404	12699753	1.145	.874	.126	6.67	1,860	12,404	11271774	-1.709	.044	.044
976	7.59	117	888	55328	1.219	.889	.111	8.46	105	888	51633	1.908	.972	.028
977	7.15	13	93	736	1.359	.913	.087	7.15	13	93	736	1.359	.913	.087
978	5.85	2,284	13,354	15905475	3.556	1.000	0	7.37	1,811	13,354	12532888	2.687	.996	.004
979	5.68	1,006	5,715	2831400	-.826	.204	.204	6.97	820	5,715	2306029	-.786	.216	.216
980	7.08	505	3,573	853634	-2.095	.018	.018	8.21	435	3,573	751861	-1.175	.120	.120
981	15.00	1	15	15	1.732	.958	.042	15.00	1	15	15	1.732	.958	.042
982	8.39	46	386	9288	.543	.706	.294	9.42	41	386	8751	1.175	.880	.120
983	5.61	1,864	10,455	9527377	-1.663	.048	.048	6.17	1,696	10,455	8687533	-1.435	.076	.076
984	12.58	281	3,534	465104	-1.838	.033	.033	13.14	269	3,534	454158	-1.265	.103	.103
985	7.44	163	1,212	100705	.431	.667	.333	8.36	145	1,212	90894	.718	.763	.237
986	9.05	383	3,465	575721	-4.487	0	0	10.13	342	3,465	546671	-2.478	.007	.007
987	9.73	2,309	22,473	24854223	-3.499	0	0	10.75	2,091	2,2473	23053896	-1.489	.068	.068
988	9.69	242	2,346	241452	-4.026	0	0	9.78	240	2,346	240946	-3.867	0	0
989	5.27	3,067	16,159	23963828	-3.159	.001	.001	5.96	2,713	16,159	21351618	-2.338	.010	.010
990	6.02	3,094	18,639	30430815	5.334	0	0	6.84	2,724	18,639	26791740	5.005	0	0
991	8.69	2,137	18,574	19896150	.201	.580	.420	9.23	2,012	18,574	19052152	1.525	.936	.064
992	5.03	3,978	19,989	40518733	2.090	.982	.018	6.02	3,320	19,989	33902188	2.167	.985	.015
993	6.14	223	1,369	152709	.011	.504	.496	7.32	187	1,369	129072	.198	.579	.421
994	7.50	824	6,177	2574701	.582	.720	.280	8.84	699	6,177	2208685	1.057	.855	.145
995	7.77	2,120	16,470	18108458	2.970	.999	.001	8.57	1,921	16,470	16270459	2.164	.985	.015
996	9.37	3,079	28,850	45593368	2.551	.995	.005	11.94	2,417	28,850	35473600	1.486	.931	.069
997	9.27	2,973	27,555	42286021	3.056	.999	.001	10.00	2,756	27,555	38803527	1.994	.977	.023
998	7.49	2,849	21,324	31316699	2.863	.998	.002	8.59	2,484	21,324	27373493	2.898	.998	.002
999	6.89	530	3,649	892774	-3.060	.001	.001	8.39	435	3,649	745312	-2.201	.014	.014
1000	5.51	1,634	9,008	7040469	-3.035	.001	.001	6.37	1,415	9,008	6244410	-1.316	.094	.094
1001	6.20	3,180	19,714	32086460	2.310	.990	.010	7.22	2,732	19,714	27822505	3.003	.999	.001
1002	3.50	4	14	38	1.237	.892	.108	4.67	3	14	31	1.429	.923	.077
1003	9.03	2,255	20,356	24237862	4.610	1.000	0	10.37	1,963	20,356	21162644	4.545	1.000	0
1004	6.99	2,916	20,384	31367486	5.185	0	0	8.56	2,382	20,384	25245002	3.369	1.000	0
1005	9.78	2,182	21,346	23451150	.565	.714	.286	10.86	1,966	21,346	21020141	.136	.554	.446
1006	6.10	464	2,830	629444	-1.541	.062	.062	6.55	432	2,830	584339	-1.587	.056	.056
1007	8.51	994	8,461	4266818	.801	.788	.212	9.94	851	8,461	3565129	-.492	.312	.312
1008	5.72	2,428	13,894	16916135	.247	.598	.402	6.87	2,024	13,894	14009663	-.283	.389	.389

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1009	4.68	2,676	12,527	17110451	1.867	.969	.031	5.49	2,281	12,527	14523707	1.370	.915	.085
1010	6.09	2,571	15,655	20057145	-.294	.384	.384	7.61	2,057	15,655	16111109	.049	.519	.481
1011	8.94	2,283	20,404	23969292	2.410	.992	.008	10.40	1,962	20,404	20489465	1.814	.965	.035
1012	8.27	362	2,993	546049	.263	.604	.396	10.01	299	2,993	434144	-.891	.187	.187
1013	7.66	1,427	10,925	8097384	2.538	.994	.006	9.22	1,185	10,925	6634868	1.490	.932	.068
1014	10.60	221	2,342	269306	1.046	.852	.148	10.60	221	2,342	269306	1.046	.852	.148
1015	17.08	25	427	4670	-1.083	.139	.139	17.08	25	427	4670	-1.083	.139	.139
1016	6.21	3,226	20,037	34469537	6.544	0	0	6.95	2,885	20,037	30168616	4.073	1.000	0
1017	6.67	280	1,867	256788	-.509	.305	.305	7.95	235	1,867	222739	.408	.658	.342
1018	6.54	370	2,421	445648	-.166	.434	.434	6.67	363	2,421	436878	-.190	.424	.424
1019	8.73	924	8,062	3504693	-3.109	.001	.001	9.87	817	8,062	3163558	-1.951	.026	.026
1020	9.80	601	5,888	1782337	.312	.622	.378	10.80	545	5,888	1658374	1.358	.913	.087
1021	8.29	2,925	24,253	34975455	-1.306	.096	.096	9.64	2,517	24,253	30555427	.094	.537	.463
1022	6.41	1,541	9,875	7271280	-3.015	.001	.001	7.12	1,388	9,875	6657854	-1.840	.033	.033
1023	5.27	1,280	6,740	4244486	-.993	.160	.160	6.33	1,065	6,740	3485405	-1.632	.051	.051
1024	6.47	1,814	11,727	10340204	-2.054	.020	.020	7.33	1,600	11,727	9367879	-.101	.460	.460
1025	9.74	290	2,824	388275	-1.527	.063	.063	9.98	283	2,824	373168	-1.927	.027	.027
1026	6.28	3,045	19,114	31250963	7.061	0	0	6.97	2,743	19,114	27692905	5.115	0	0
1027	7.04	960	6,758	3333940	1.491	.932	.068	8.87	762	6,758	2672342	1.811	.965	.035
1028	8.80	3,112	27,372	43395375	1.825	.966	.034	10.09	2,712	27,372	37787345	1.630	.948	.052
1029	7.99	1,946	15,548	15211274	.420	.663	.337	8.49	1,831	15,548	14296392	.324	.627	.373
1030	6.01	2,037	12,246	11882151	-3.700	0	0	7.03	1,743	12,246	10436377	-1.599	.055	.055
1031	8.97	283	2,538	324818	-2.784	.003	.003	11.28	225	2,538	250160	-3.218	.001	.001
1032	7.05	5,166	36,443	98197689	5.377	0	0	8.34	4,371	36,443	81346587	2.445	.993	.007
1033	5.23	4,102	21,434	44662749	1.771	.962	.038	5.69	3,767	21,434	41064425	1.826	.966	.034
1034	13.28	163	2,164	186337	1.250	.894	.106	13.61	159	2,164	180346	1.055	.854	.146
1035	7.77	4,349	33,805	73976820	.727	.766	.234	9.42	3,588	33,805	60188674	-.783	.217	.217
1036	4.16	129	536	31582	-1.701	.044	.044	5.36	100	536	26350	-.291	.386	.386
1037	7.89	54	426	11556	.060	.524	.476	8.35	51	426	10959	.109	.544	.456
1038	8.51	408	3,471	727781	.973	.835	.165	8.95	388	3,471	696584	1.176	.880	.120
1039	10.86	645	7,002	2168180	-1.753	.040	.040	14.32	489	7,002	1664868	-1.054	.146	.146
1040	14.14	486	6,871	1694158	.560	.712	.288	17.99	382	6,871	1383634	1.839	.967	.033
1041	14.71	238	3,500	386568	-1.920	.027	.027	20.00	175	3,500	278448	-2.080	.019	.019
1042	4.24	2,925	12,414	18050973	-.539	.295	.295	4.96	2,505	12,414	15396707	-.847	.199	.199
1043	16.82	28	471	6376	-.303	.381	.381	17.44	27	471	5980	-.536	.296	.296
1044	8.75	936	8,188	4019438	2.592	.995	.005	11.07	740	8,188	3216754	2.911	.998	.002
1045	8.71	2,295	19,999	23808719	3.109	.999	.001	10.92	1,831	19,999	18924421	2.491	.994	.006
1046	6.25	273	1,706	234928	.253	.600	.400	7.72	221	1,706	188580	.009	.504	.496
1047	6.48	3,117	20,211	32381403	2.709	.997	.003	8.17	2,475	20,211	25998497	3.402	1.000	0
1048	6.92	1,736	12,010	10645097	1.526	.936	.064	8.82	1,361	12,010	8291649	.929	.824	.176
1049	6.43	762	4,897	1789007	-1.967	.025	.025	7.98	614	4,897	1460945	-1.211	.113	.113
1050	4.74	2,539	12,043	15686750	2.273	.988	.012	5.37	2,242	12,043	13776118	1.676	.953	.047
1051	7.89	2,265	17,865	19832655	-1.628	.052	.052	9.53	1,874	17,865	16524862	-.961	.168	.168
1052	7.24	100	724	33643	-1.223	.111	.111	9.17	79	724	27296	-.701	.242	.242
1053	4.93	212	1,044	112677	.459	.677	.323	5.38	194	1,044	100710	-.133	.447	.447
1054	12.20	5	61	112	-1.029	.152	.152	15.25	4	61	93	-.823	.205	.205
1055	6.31	530	3,344	854586	-1.421	.078	.078	6.95	481	3,344	787368	-.797	.213	.213
1056	7.08	297	2,102	357963	4.381	1.000	0	9.60	219	2,102	264650	3.840	1.000	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1057	11.29	45	508	11386	-0.045	.482	.482	14.51	35	508	8744	-0.168	.433	.433
1058	6.23	5,658	35,247	104409758	6.136	0	0	7.40	4,762	35,247	86426063	3.565	1.000	0
1059	7.69	93	715	33200	-.024	.490	.490	9.93	72	715	25882	.081	.532	.468
1060	7.16	3,383	24,233	41601227	1.502	.933	.067	8.61	2,816	24,233	34557635	1.179	.881	.119
1061	5.74	115	660	38367	.204	.581	.419	7.42	89	660	30619	.695	.756	.244
1062	11.01	189	2,080	179527	-2.063	.020	.020	12.38	168	2,080	151846	-2.939	.002	.002
1063	12.00	1,989	23,869	25351574	5.252	0	0	14.89	1,603	23,869	19909747	2.823	.998	.002
1064	15.30	81	1,239	45573	-1.431	.076	.076	18.49	67	1,239	39761	-.596	.276	.276
1065	8.26	735	6,070	2272440	.878	.810	.190	9.18	661	6,070	2042782	.814	.792	.208
1066	6.53	1,701	11,113	9793676	2.585	.995	.005	7.38	1,506	11,113	8619687	2.021	.978	.022
1067	8.19	112	917	55833	1.600	.945	.055	9.26	99	917	49779	1.666	.952	.048
1068	7.38	97	716	33684	-.512	.304	.304	9.55	75	716	26902	.029	.512	.488
1069	7.59	714	5,418	1856957	-1.849	.032	.032	10.02	541	5,418	1424628	-1.125	.130	.130
1070	7.60	4,635	35,225	85479402	5.555	0	0	9.14	3,853	35,225	68897906	1.643	.950	.050
1071	5.25	3,742	19,631	35385361	-3.878	0	0	6.33	3,103	19,631	30638520	.573	.717	.283
1072	8.92	187	1,668	153334	-.399	.345	.345	9.64	173	1,668	138743	-.875	.191	.191
1073	30.29	7	212	911	1.044	.852	.148	35.33	6	212	699	.420	.663	.337
1074	5.40	5,577	30,105	82160970	-2.753	.003	.003	6.46	4,657	30,105	69558636	-.912	.181	.181
1075	9.48	273	2,589	351952	-.117	.453	.453	10.15	255	2,589	331761	.139	.555	.445
1076	6.49	2,781	18,047	24957862	-.497	.310	.310	8.05	2,241	18,047	20037437	-.747	.228	.228
1077	7.00	491	3,438	842329	-.077	.469	.469	8.25	417	3,438	724940	.401	.656	.344
1078	9.06	3,036	27,513	42993626	2.808	.998	.002	11.44	2,405	27,513	33612160	1.355	.912	.088
1079	7.33	4,268	31,290	69686749	4.938	1.000	0	8.67	3,611	31,290	58382046	3.478	1.000	0
1080	7.68	63	484	16965	1.550	.939	.061	8.80	55	484	14354	1.008	.843	.157
1081	7.48	2,839	21,232	30598738	1.408	.920	.080	9.04	2,350	21,232	25214480	.898	.815	.185
1082	7.46	1,836	13,695	12934267	2.139	.984	.016	9.11	1,503	13,695	10692133	2.612	.996	.005
1083	12.88	1,198	15,430	8941425	-1.953	.025	.025	15.02	1,027	15,430	7783815	-.977	.164	.164
1084	4.91	248	1,217	154880	.718	.764	.236	5.74	212	1217	128379	-.122	.451	.451
1085	5.59	6,495	36,335	122536191	5.369	0	0	6.50	5,589	36,335	103885107	2.993	.999	.001
1086	10.65	474	5,049	1363947	5.273	0	0	12.82	394	5,049	1089543	3.280	.999	.001
1087	10.02	1,402	14,050	10014586	1.090	.862	.138	12.97	1,083	14,050	7827689	1.645	.950	.050
1088	5.40	417	2,252	470189	.049	.519	.481	6.09	370	2,252	417924	.104	.542	.458
1089	13.63	87	1,186	47898	-1.156	.124	.124	14.46	82	1,186	45817	-.906	.183	.183
1090	7.53	1,352	10,180	7088091	1.910	.972	.028	8.92	1,141	10,180	5962291	1.557	.940	.060
1091	7.09	2,779	19,700	28516563	3.814	1.000	0	8.78	2,243	19,700	22685020	2.196	.986	.014
1092	3.97	31	123	1258	-3.280	.001	.001	4.39	28	123	1228	-2.629	.004	.004
1093	5.07	939	4,757	2221549	-.282	.389	.389	5.68	838	4,757	2027415	.861	.805	.195
1094	6.87	3,755	25,807	49265443	1.781	.963	.038	8.19	3,152	25,807	41038466	.877	.810	.190
1095	6.62	299	1,978	286550	-.928	.177	.177	7.19	275	1978	261280	-1.130	.129	.129
1096	8.34	2,290	19,104	22581611	2.681	.996	.004	10.31	1,853	19,104	17933376	.984	.837	.163
1097	6.44	2,954	19,028	28595807	1.646	.950	.050	7.16	2,657	19,028	26330474	3.715	1.000	0
1098	7.15	2,067	14,774	15369182	.517	.697	.303	8.45	1748	14,774	12879238	-.186	.426	.426
1099	12.12	17	206	1043	-2.888	.002	.002	15.85	13	206	788	-2.570	.005	.005
1100	7.07	399	2,820	499565	-3.876	0	0	8.22	343	2,820	431332	-3.469	0	0
1101	5.62	5,199	29,198	75605451	-.485	.314	.314	6.73	4,341	29,198	62818437	-1.001	.159	.159
1102	8.75	3,606	31,561	57159434	.466	.679	.321	10.23	3,084	31,561	48190881	-.941	.173	.173
1103	13.51	775	10,466	3923209	-1.574	.058	.058	18.01	581	10,466	2884781	-2.137	.016	.016
1104	8.02	974	7,812	4223439	5.953	0	0	8.56	913	7,812	3887049	4.709	1.000	0

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1105	5.16	2,568	13,243	17316304	1.612	.947	.053	6.28	2,108	13,243	14140596	1.040	.851	.149
1106	8.61	2,611	22,491	29713126	1.058	.855	.145	10.43	2,156	22,491	24594738	1.159	.877	.123
1107	10.26	157	1,610	123705	-.460	.323	.323	11.58	139	1,610	111852	-.008	.497	.497
1108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1109	8.67	403	3,493	680852	-1.136	.128	.128	9.68	361	3,493	601339	-1.521	.064	.064
1110	9.02	389	3,510	652583	-1.507	.066	.066	10.64	330	3,510	541506	-2.045	.020	.020
1111	7.74	291	2,252	322881	-.432	.333	.333	8.80	256	2,252	280320	-.763	.223	.223
1112	5.75	2,091	12,016	13210526	4.084	1.000	0	6.56	1,832	12,016	11391328	2.591	.995	.005
1113	7.31	4,033	29,498	59737878	.472	.681	.319	9.13	3,230	29,498	47212451	-.882	.189	.189
1114	6.25	1,939	12,124	11937611	1.190	.883	.117	7.39	1,640	12,124	10043049	.715	.763	.237
1115	9.00	646	5,813	1929108	1.208	.886	.114	10.16	572	5,813	1739928	1.929	.973	.027
1116	6.35	229	1,453	140773	-4.033	0	0	6.99	208	1,453	130865	-3.347	0	0
1117	6.04	2,605	15,727	20377142	-.463	.322	.322	7.15	2,199	15,727	17396140	.490	.688	.312
1118	6.78	118	800	48711	.602	.726	.274	7.92	101	800	42150	.754	.775	.225
1119	6.21	1,221	7,586	4713580	1.076	.859	.141	7.25	1,046	7,586	4047051	1.124	.869	.131
1120	8.12	3,011	24,462	36161380	-1.719	.043	.043	9.97	2,453	24,462	29703903	-.854	.197	.197
1121	8.39	3,539	29,675	55261746	5.400	0	0	9.57	3,101	29,675	47682613	3.504	1.000	0
1122	10.53	97	1,021	50718	.413	.660	.340	12.30	83	1,021	42042	-.123	.451	.451
1123	6.86	3,324	22,804	38954362	2.777	.997	.003	8.01	2,846	22,804	32949762	1.423	.923	.077
1124	6.04	227	1,371	151227	-.735	.231	.231	7.00	196	1371	131342	-.544	.293	.293
1125	6.93	407	2,820	600720	1.635	.949	.051	8.39	336	2,820	488979	1.020	.846	.154
1126	18.66	207	3,863	349081	-3.163	.001	.001	19.41	199	3,863	338562	-2.912	.002	.002
1127	9.99	2,672	26,696	37468553	4.525	1.000	0	11.32	2,358	26,696	32192931	1.920	.973	.027
1128	10.43	924	9,641	4360328	-1.109	.134	.134	11.29	854	9,641	4086661	-.369	.356	.356
1129	11.64	309	3,598	635278	4.348	1.000	0	13.79	261	3,598	519192	2.959	.998	.002
1130	25.17	30	755	8646	-2.244	.012	.012	25.17	30	755	8646	-2.244	.012	.012
1131	5.58	2,483	13,853	17738174	2.708	.997	.003	6.71	2,066	13,853	14652210	1.882	.970	.030
1132	11.23	62	696	23102	.965	.833	.167	13.39	52	696	20083	1.371	.915	.085
1133	6.18	1,635	10,098	8153403	-.863	.194	.194	7.67	1,316	10,098	6517221	-1.204	.114	.114
1134	8.06	85	685	29909	.437	.669	.331	9.01	76	685	26280	.145	.558	.442
1135	5.84	135	789	53791	.202	.580	.420	6.21	127	789	49459	-.250	.401	.401
1136	8.76	3,182	27,875	43161453	-2.617	.004	.004	10.66	2,616	27,875	36239669	-.537	.296	.296
1137	6.69	2,860	19,145	27823841	1.511	.935	.065	7.96	2,406	19,145	23383074	1.297	.903	.097
1138	11.59	213	2,469	250451	-1.201	.115	.115	13.00	190	2,469	221815	-1.297	.097	.097
1139	17.32	180	3,117	290092	.792	.786	.214	19.73	158	3,117	253981	.684	.753	.247
1140	7.90	1,409	11,137	7256316	-4.887	0	0	10.00	1,114	11,137	5771371	-4.025	0	0
1141	4.84	4,129	19,965	40125734	-2.949	.002	.002	5.88	3,397	19,965	33741200	-.504	.307	.307
1142	5.45	5,998	32,715	104715903	9.029	0	0	6.27	5,221	32,715	89694814	6.290	0	0
1143	10.37	869	9,015	4072374	2.025	.979	.021	12.37	729	9,015	3359485	1.046	.852	.148
1144	9.92	242	2,401	281613	-.826	.204	.204	11.17	215	2,401	257947	-.016	.494	.494
1145	11.16	128	1,429	96527	1.087	.861	.139	12.54	114	1,429	91323	2.241	.987	.013
1146	8.20	3,246	26,623	43949855	1.692	.955	.045	10.26	2,596	26,623	34883694	.835	.798	.202
1147	8.47	733	6,208	2399190	2.555	.995	.005	9.92	626	6,208	2049506	2.373	.991	.009
1148	9.65	1,347	13,000	8903592	1.075	.859	.141	10.65	1,221	13,000	8216948	2.139	.984	.016
1149	7.52	1,606	12,084	9386795	-2.265	.012	.012	8.63	1,400	12,084	8384367	-.570	.284	.284
1150	8.55	1,572	13,443	10745737	1.167	.878	.122	10.75	1,250	13,443	8490768	.648	.741	.259
1151	5.03	227	1,142	130350	.148	.559	.441	5.65	202	1,142	113934	-.301	.382	.382
1152	5.69	4,651	26,466	61647056	.193	.576	.424	7.10	3,727	26,466	49708244	.834	.798	.202

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1153	4.92	99	487	22847	-0.900	.184	.184	5.73	85	487	19608	-0.841	.200	.200
1154	6.66	1,959	13,041	13061990	1.730	.958	.042	8.10	1,610	13,041	10653198	1.027	.848	.152
1155	8.25	166	1,369	94981	-3.662	0	0	8.89	154	1,369	92049	-2.725	.003	.003
1156	6.40	2,034	13,013	13414405	1.064	.856	.144	7.76	1,678	13,013	11061409	.933	.824	.176
1157	8.04	2,245	18,047	20853291	2.413	.992	.008	9.23	1,956	18,047	17992514	1.487	.931	.069
1158	6.28	567	3,562	993501	-.667	.253	.253	6.76	527	3,562	913899	-1.046	.148	.148
1159	6.05	6,087	36,849	112154577	.006	.502	.498	7.19	5,128	36,849	94484225	.004	.502	.498
1160	6.80	206	1,401	143133	-.202	.420	.420	8.44	166	1,401	115887	-.076	.470	.470
1161	11.26	508	5,720	1545133	2.479	.993	.007	12.22	468	5,720	1418915	2.252	.988	.012
1162	10.08	120	1,210	73004	.106	.542	.458	14.07	86	1,210	55293	1.007	.843	.157
1163	11.84	267	3,160	408034	-.928	.177	.177	15.57	203	3,160	301479	-1.482	.069	.069
1164	6.03	3,177	19,160	31954704	4.873	1.000	0	6.80	2,818	19,160	28148076	3.922	1.000	0
1165	8.08	1,229	9,934	6314451	2.089	.982	.018	9.65	1,030	9,934	5300719	2.007	.978	.022
1166	4.51	2,659	11,989	16222617	1.587	.944	.056	5.29	2,268	11,989	13791567	1.189	.883	.117
1167	4.63	1,457	6,751	4901659	-.221	.412	.412	5.39	1,252	6,751	4216298	-.143	.443	.443
1168	14.19	176	2,498	219469	-.037	.485	.485	15.91	157	2,498	200567	.495	.690	.310
1169	14.52	86	1,249	57809	1.227	.890	.110	16.88	74	1,249	51304	1.641	.950	.050
1170	4.60	3,596	16,537	30973352	4.331	1.000	0	5.52	2,996	16,537	25916453	4.378	1.000	0
1171	6.22	1,970	12,247	12455632	2.500	.994	.006	7.10	1,726	12,247	10585545	.112	.544	.456
1172	6.81	2,843	19,365	30559983	1.174	0	0	7.59	2,553	19,365	26797811	7.358	0	0
1173	7.28	3,265	23,783	38408747	-1.063	.144	.144	8.90	2,673	23,783	31512550	-.770	.221	.221
1174	8.27	614	5,080	1535205	-.670	.251	.251	9.60	529	5,080	1308995	-1.028	.152	.152
1175	7.35	3,689	27,125	51262238	2.587	.995	.005	8.66	3,132	27,125	43101078	1.422	.923	.077
1176	6.88	95	654	29470	-.867	.193	.193	7.79	84	654	25254	-1.280	.100	.100
1177	8.36	170	1,421	118787	-.374	.354	.354	9.87	144	1,421	101293	-.207	.418	.418
1178	8.50	2,101	17,848	19464696	3.029	.999	.001	9.33	1,914	1,7848	17860963	3.462	1.000	0
1179	7.92	2,214	17,533	19586546	.745	.772	.228	10.10	1,736	1,7533	15244408	.122	.549	.451
1180	8.82	190	1,675	159715	.089	.535	.465	11.47	146	1,675	123931	.283	.612	.388
1181	10.76	112	1,205	59132	-2.268	.012	.012	14.18	85	1,205	45506	-1.779	.038	.038
1182	4.26	2,275	9,681	10970993	-.309	.379	.379	5.11	1,896	9,681	9253891	.627	.735	.265
1183	5.15	3,811	19,606	37743021	1.098	.864	.136	5.93	3,308	19,606	32712267	.872	.808	.192
1184	12.12	663	8,033	2520689	-2.382	.009	.009	16.74	480	8,033	1814991	-2.223	.013	.013
1185	7.45	1,148	8,556	5073020	1.934	.973	.027	8.28	1,033	8,556	4477877	.740	.770	.230
1186	4.55	1,325	6,027	4028825	.568	.715	.285	5.45	1,106	6,027	3369924	.639	.739	.261
1187	4.21	2,728	11,476	15650784	-.014	.494	.494	5.06	2,266	1,1476	12966438	-.228	.410	.410
1188	12.85	779	10,006	3974730	.960	.831	.169	16.99	589	10,006	2986512	.567	.715	.285
1189	9.69	1,978	19,158	17919666	-4.178	0	0	10.87	1,762	19,158	16322539	-2.394	.008	.008
1190	5.80	3,289	19,072	32256634	2.827	.998	.002	6.36	3,001	19,072	29532824	3.035	.999	.001
1191	9.40	77	724	27495	-.207	.418	.418	14.78	49	724	15806	-1.321	.093	.093
1192	7.88	823	6,484	2743986	1.412	.921	.079	9.82	660	6,484	2205574	1.370	.915	.085
1193	6.58	1,160	7,637	4812886	5.107	0	0	7.52	1,015	7,637	4050545	2.488	.994	.006
1194	6.01	1,386	8,332	5405846	-4.112	0	0	6.90	1,207	8,332	4827845	-2.400	.008	.008
1195	4.51	493	2,224	555427	.506	.694	.307	5.30	420	2,224	481255	1.080	.860	.140
1196	5.10	1,260	6,424	4101117	.820	.794	.206	6.09	1,055	6,424	3438926	.835	.798	.202
1197	5.97	3,318	19,815	34108976	3.751	1.000	0	7.06	2,807	19,815	28615521	2.657	.996	.004
1198	8.60	1,056	9,076	4971011	2.101	.982	.018	10.29	882	9,076	4172383	2.183	.985	.015
1199	21.18	17	360	3708	1.512	.935	.065	24.00	15	360	2996	.735	.769	.231
1200	7.70	1,869	14,391	13475945	.153	.561	.439	8.97	1,604	14,391	11592688	.307	.621	.379

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1201	9.35	205	1,917	205821	1.177	.880	.120	11.15	172	1,917	166516	0.228	.590	.410
1202	7.76	2,501	19,400	25257880	3.564	1.000	0	9.76	1,987	19,400	20009484	2.947	.998	.002
1203	8.83	1,778	15,694	13392232	-2.930	.002	.002	9.85	1,594	15,694	11943357	-3.122	.001	.001
1204	7.93	1,952	15,481	15575438	2.360	.991	.009	9.45	1,639	15,481	13259403	3.166	.999	.001
1205	4.75	1,366	6,485	4426426	-.041	.484	.484	5.64	1,149	6,485	3714284	-.179	.429	.429
1206	4.90	2,160	10,592	11437784	-.011	.496	.496	5.86	1,809	10,592	9576800	-.028	.489	.489
1207	5.44	1,123	6,104	3412483	-.253	.400	.400	6.42	951	6,104	2862646	-.733	.232	.232
1208	8.51	2,291	19,506	22057443	-1.064	.144	.144	10.44	1,869	19,506	18140326	-.362	.359	.359
1209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1210	7.30	508	3,709	901421	-1.685	.046	.046	8.06	460	3,709	823965	-1.267	.103	.103
1211	7.86	3,571	28,061	51428876	2.739	.997	.003	10.02	2,801	28,061	39345794	.108	.543	.457
1212	7.68	1,254	9,634	6174615	1.362	.913	.087	9.67	996	9,634	4816831	.218	.586	.414
1213	7.17	763	5,474	1929463	-3.640	0	0	9.02	607	5,474	1586068	-1.934	.027	.027
1214	10.65	68	724	22456	-1.253	.105	.105	10.65	68	724	22456	-1.253	.105	.105
1215	9.06	942	8,537	3813266	-2.746	.003	.003	11.70	730	8,537	2972952	-2.148	.016	.016
1216	9.94	2,539	25,234	33506668	4.011	1.000	0	12.04	2,096	25,234	27091363	1.937	.974	.026
1217	6.56	2,003	13,130	13018720	-.772	.220	.220	7.57	1,734	13,130	11161743	-1.406	.080	.080
1218	8.38	390	3,269	630405	-.378	.353	.353	8.69	376	3,269	605791	-.480	.316	.316
1219	6.18	3,176	19,632	30855257	-1.003	.158	.158	6.98	2,811	19,632	27708758	.386	.650	.350
1220	10.90	1,918	20,914	20873200	3.089	.999	.001	14.35	1,457	20,914	15756112	2.258	.988	.012
1221	11.99	490	5,877	1518327	2.089	.982	.018	12.56	468	5,877	1439562	1.753	.960	.040
1222	9.96	23	229	2416	-.686	.246	.246	10.91	21	229	2257	-.487	.313	.313
1223	5.55	987	5,476	2699826	-.052	.479	.479	6.88	796	5,476	2180974	.034	.514	.486
1224	7.22	274	1,978	269687	-.137	.445	.445	7.67	258	1,978	255324	.018	.507	.493
1225	6.08	436	2,649	590763	.832	.797	.203	7.70	344	2,649	471374	1.110	.866	.134
1226	7.55	2,902	21,901	30920047	-2.520	.006	.006	9.41	2,328	21,901	24462941	-3.376	0	0
1227	8.31	752	6,246	2440231	1.855	.968	.032	8.31	752	6,246	2440231	1.855	.968	.032
1228	7.75	3,237	25,070	41667598	2.652	.996	.004	9.08	2,761	25,070	35605063	2.619	.996	.004
1229	5.58	2,647	14,762	19922369	1.755	.960	.040	6.84	2,159	14,762	16245263	1.564	.941	.059
1230	5.70	2,518	14,360	18442939	1.748	.960	.040	6.88	2,088	14,360	15033930	.222	.588	.412
1231	5.90	132	779	54377	1.147	.874	.126	6.66	117	779	47521	.802	.789	.211
1232	5.57	175	975	89621	1.157	.876	.124	6.37	153	975	77987	.977	.836	.164
1233	5.84	911	5,323	2483701	1.274	.899	.101	7.71	690	5,323	1864474	.695	.756	.244
1234	8.70	1,284	11,164	7277535	.955	.830	.170	9.47	1,179	11,164	6747430	1.502	.933	.067
1235	6.23	665	4,140	1324900	-1.676	.047	.047	7.61	544	4,140	1120021	-.217	.414	.414
1236	8.56	259	2,216	259893	-2.630	.004	.004	10.12	219	2,216	223963	-1.974	.024	.024
1237	5.52	2,383	13,142	16221905	3.041	.999	.001	6.70	1,962	13,142	13343706	2.686	.996	.004
1238	6.06	4,202	25,474	53297285	-.469	.320	.320	7.42	3,434	25,474	43993127	.590	.722	.278
1239	7.03	2,141	15,049	18016227	9.483	0	0	7.81	1,928	15,049	15739015	6.458	0	0
1240	9.16	205	1,877	186688	-.735	.231	.231	10.04	187	1,877	168561	-.936	.175	.175
1241	6.41	2,819	18,072	26273138	2.891	.998	.002	6.78	2,666	18,072	25011556	3.421	1.000	0
1242	7.47	100	747	38782	.664	.747	.253	8.49	88	747	33728	.425	.665	.335
1243	4.32	4,075	17,604	36090543	.686	.753	.247	5.08	3,464	17,604	30662073	.575	.717	.283
1244	5.42	3,537	19,152	34619275	2.278	.989	.011	6.35	3,016	19,152	29568760	2.264	.988	.012
1245	9.33	2,032	18,958	20808139	6.270	0	0	11.01	1,722	18,958	17371302	4.617	1.000	0
1246	12.11	191	2,312	215734	-.549	.292	.292	13.60	170	2,312	188283	-.947	.172	.172
1247	9.09	1,671	15,182	12819983	.756	.775	.225	10.09	1,504	15,182	11376462	-.238	.406	.406
1248	3.81	16	61	501	.185	.573	.427	4.36	14	61	448	.319	.625	.375

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1249	6.73	1,833	12,327	12052215	4.953	1.000	0	7.62	1,617	12,327	10218928	1.765	.961	.039
1250	6.19	5,950	36,857	114409263	5.800	0	0	7.01	5,260	36,857	100021270	4.001	1.000	0
1251	6.48	171	1,108	92020	-.649	.258	.258	8.27	134	1,108	71364	-.776	.219	.219
1252	6.14	5,774	35,470	102970077	.730	.767	.233	7.45	4,762	35,470	85554385	1.557	.940	.060
1253	8.44	529	4,465	1264979	2.833	.998	.002	8.51	525	4,465	1263113	3.083	.999	.001
1254	7.73	59	456	14729	1.263	.897	.103	8.00	57	456	13934	.944	.827	.173
1255	6.26	2,146	13,428	14736233	1.827	.966	.034	7.60	1,767	13,428	11868367	.029	.512	.488
1256	9.10	2,251	20,473	22234499	-2.881	.002	.002	10.52	1,946	20,473	19122856	-3.058	.001	.001
1257	7.45	2,622	19,529	26447262	2.926	.998	.002	9.70	2,013	19,529	20320816	2.629	.996	.004
1258	7.31	497	3,633	868075	-1.485	.069	.069	7.43	489	3,633	855573	-1.410	.079	.079
1259	12.05	19	229	2205	.102	.541	.459	19.08	12	229	1432	.253	.600	.400
1260	5.31	4,103	21,784	46392280	4.226	1.000	0	6.41	3,399	21,784	38054634	2.817	.998	.002
1261	9.25	884	8,179	3487271	-1.821	.034	.034	10.60	772	8,179	3051769	-1.606	.054	.054
1262	7.17	161	1,154	90273	-.621	.267	.267	8.30	139	1,154	79196	-.256	.399	.399
1263	3.61	143	516	38269	.772	.780	.220	4.10	126	516	33856	.806	.790	.210
1264	9.50	163	1,548	128129	.345	.635	.365	11.30	137	1,548	104320	-.329	.371	.371
1265	5.27	656	3,454	1063258	-2.728	.003	.003	6.01	575	3,454	962668	-1.270	.102	.102
1266	5.96	3,193	19,044	31535334	3.643	1.000	0	7.24	2,629	19,044	25845444	2.881	.998	.002
1267	8.08	1,669	13,484	12312156	6.664	0	0	9.31	1,448	13,484	10434938	4.540	1.000	0
1268	9.37	1,832	17,161	17210360	7.031	0	0	10.26	1,672	17,161	15391507	5.158	0	0
1269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1270	7.15	306	2,187	332022	-.234	.407	.407	8.28	264	2,187	280991	-.750	.227	.227
1271	7.19	4,878	35,073	88460355	4.126	1.000	0	8.49	4,130	3,5073	73632358	1.854	.968	.032
1272	8.75	456	3,991	840909	-2.806	.003	.003	9.57	417	3,991	761498	-3.002	.001	.001
1273	7.19	1,325	9,529	6461610	1.485	.931	.069	8.91	1,069	9,529	5190285	1.079	.860	.140
1274	6.56	938	6,153	2834703	-.939	.174	.174	6.67	923	6,153	2807565	-.594	.276	.276
1275	4.15	868	3,606	1518312	-1.523	.064	.064	5.00	721	3,606	1246277	-1.921	.027	.027
1276	4.93	1,121	5,527	3160923	1.180	.881	.119	5.98	925	5,527	2577425	.437	.669	.331
1277	8.62	297	2,560	305805	-5.838	0	0	9.08	282	2,560	301889	-4.760	0	0
1278	5.30	5,473	28,977	82475557	5.139	0	0	6.16	4,707	28,977	69839853	2.862	.998	.002
1279	11.04	136	1,501	97034	-.996	.160	.160	13.90	108	1,501	77223	-.851	.198	.198
1280	7.21	746	5,379	2065465	1.394	.918	.082	8.57	628	5,379	1772385	2.143	.984	.016
1281	5.60	1,108	6,203	3324177	-1.884	.030	.030	6.42	966	6,203	2927917	-1.224	.110	.110
1282	6.13	40	245	5710	1.811	.965	.035	8.45	29	245	4550	2.619	.996	.004
1283	11.13	470	5,233	1230427	.021	.508	.492	11.66	449	5,233	1155037	-.618	.268	.268
1284	5.99	1,631	9,769	7983568	.149	.559	.441	6.43	1,520	9,769	7469979	.414	.661	.339
1285	11.31	1,862	21,056	19637509	.131	.552	.448	14.81	1,422	21,056	14986039	.066	.527	.473
1286	6.10	3,001	18,295	28592610	3.944	1.000	0	6.70	2,732	18,295	25842393	3.084	.999	.001
1287	9.26	646	5,980	1921410	-.231	.409	.409	12.48	479	5,980	1419294	-.342	.366	.366
1288	7.87	1,531	12,048	8742941	-3.526	0	0	9.43	1,278	12,048	7394052	-2.450	.007	.007
1289	9.33	1,487	13,868	11016237	4.569	1.000	0	10.40	1,333	13,868	9638311	2.704	.997	.003
1290	9.60	149	1,430	105232	-.259	.398	.398	10.07	142	1,430	101211	-.065	.474	.474
1291	6.79	179	1,216	108509	-.069	.473	.473	8.11	150	1,216	88307	-.673	.251	.251
1292	5.62	3,499	19,665	36151173	5.203	0	0	6.43	3,060	19,665	31212651	3.583	1.000	0
1293	6.95	2,451	17,041	22022416	4.675	1.000	0	7.98	2,136	17,041	18752275	2.430	.992	.008
1294	7.62	664	5,058	1665393	-.369	.356	.356	8.77	577	5,058	1433329	-.739	.230	.230
1295	5.80	110	638	38405	1.716	.957	.043	6.38	100	638	35309	1.851	.968	.032
1296	4.22	1,009	4,257	2105442	-1.081	.140	.140	4.83	882	4,257	1871681	-.155	.438	.438

Table 3. Summary of interoccurrence intervals for daily precipitation thresholds of 0.05 and 0.10 inch—Continued

Seq. no.	Daily precipitation threshold of 0.05 inch and greater							Daily precipitation threshold of 0.10 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1297	8.02	338	2,709	398169	-4.149	0	0	9.92	273	2,709	308664	-4.730	0	0
1298	4.97	299	1,485	206933	-2.034	.021	.021	6.09	244	1,485	168484	-1.895	.029	.029
1299	4.63	2,096	9,696	10204793	.339	.633	.367	5.44	1,784	9,696	8703021	.458	.677	.323
1300	5.87	31	182	3458	2.178	.985	.015	7.00	26	182	2895	1.975	.976	.024
1301	5.74	4,838	27,787	69474491	4.047	1.000	0	6.90	4,029	27,787	57537777	3.066	.999	.001
1302	6.39	2,924	18,695	28232680	3.086	.999	.001	7.51	2,488	18,695	23868599	2.274	.989	.011
1303	10.78	27	291	3603	-.746	.228	.228	10.78	27	291	3603	-.746	.228	.228
1304	6.80	535	3,640	928215	-1.872	.031	.031	7.47	487	3,640	853806	-1.403	.080	.080
1305	12.92	1,753	22,655	21686985	6.683	0	0	17.69	1,281	22,655	15700225	5.083	0	0
1306	9.78	1,531	14,972	12092729	3.735	1.000	0	12.38	1,209	14,972	9402072	2.339	.990	.010

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch

[--, not available, no events that equal or exceed the threshold were observed]

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1	16.64	1,173	19,514	11806259	1.873	.969	.031	29.26	667	19,514	6772781	1.821	.966	.034
2	12.63	19	240	2143	-.454	.325	.325	30.00	8	240	753	-1.056	.145	.145
3	14.14	1,395	19,720	14068377	1.475	.930	.070	23.37	844	19,720	8411682	.543	.706	.294
4	15.97	527	8,416	2185242	-.581	.281	.281	26.30	320	8,416	1351736	.119	.547	.453
5	18.09	1,050	18,993	10342772	2.091	.982	.018	29.91	635	18,993	6420769	2.826	.998	.002
6	18.16	194	3,522	341170	-.033	.487	.487	29.85	118	3,522	193727	-1.274	.101	.101
7	12.19	678	8,264	2834925	.538	.705	.295	18.53	446	8,264	1867625	.491	.688	.312
8	15.19	96	1,458	62185	-1.891	.029	.029	23.90	61	1,458	41079	-1.031	.151	.151
9	13.65	212	2,893	291841	-1.219	.112	.112	23.33	124	2,893	162202	-1.846	.032	.032
10	9.73	22	214	2446	.318	.625	.375	14.27	15	214	1620	.063	.525	.475
11	19.07	321	6,120	1059378	2.436	.993	.007	27.20	225	6,120	755291	2.520	.994	.006
12	12.75	2,791	35,581	50239187	1.080	.860	.140	20.38	1,746	35,581	31260530	.462	.678	.322
13	10.09	1,487	15,005	11419981	1.579	.943	.057	15.91	943	15,005	7455537	2.862	.998	.002
14	13.98	2,144	29,966	32027188	-.241	.405	.405	22.65	1,323	29,966	20259481	1.389	.918	.082
15	19.64	87	1,709	69301	-1.095	.137	.137	31.65	54	1,709	37274	-2.446	.007	.007
16	20.50	6	123	174	-2.242	.012	.012	24.60	5	123	148	-2.009	.022	.022
17	17.57	7	123	376	-.580	.281	.281	30.75	4	123	287	.577	.718	.282
18	18.73	1,470	27,539	20451213	.689	.755	.245	36.05	764	27,539	10552616	.149	.559	.441
19	8.29	2,322	19,240	23093085	2.823	.998	.002	12.73	1,512	19,240	15192106	2.994	.999	.001
20	11.13	550	6,122	1746028	1.508	.934	.066	16.24	377	6,122	1205149	1.491	.932	.068
21	9.50	556	5,279	1460310	-.202	.420	.420	14.00	377	5,279	966605	-.963	.168	.168
22	8.27	4,175	34,541	73773233	2.590	.995	.005	12.17	2,838	34,541	49572012	1.051	.853	.147
23	12.50	95	1,187	56387	.001	.501	.499	18.84	63	1,187	39704	.851	.802	.198
24	16.26	1,211	19,693	11997837	.373	.645	.355	29.31	672	19,693	6749175	.898	.815	.185
25	19.38	710	13,756	4715386	-1.588	.056	.056	33.39	412	13,756	2711255	-1.520	.064	.064
26	7.71	4,034	31,099	63244216	.908	.818	.182	11.40	2,727	31,099	42763577	.768	.779	.221
27	9.18	2,265	20,787	23411983	-.453	.325	.325	14.06	1,478	20,787	14973810	-1.681	.046	.046
28	10.35	1,162	12,022	7064673	.675	.750	.250	16.72	719	12,022	4375563	.577	.718	.282
29	20.16	788	15,884	6245909	-.096	.462	.462	36.35	437	15,884	3379366	-.952	.171	.171
30	8.09	3,912	31,631	63422175	2.717	.997	.003	12.06	2,622	31,631	43253940	3.819	1.000	0
31	9.27	1,956	18,129	18118286	1.677	.953	.047	14.16	1,280	18,129	11948176	1.846	.968	.032
32	13.17	1,264	16,648	10568153	.273	.608	.392	20.58	809	16,648	6721474	-.093	.463	.463
33	11.66	1,988	23,183	23703520	2.211	.986	.014	19.00	1,220	23,183	14402811	1.117	.868	.132
34	10.32	351	3,622	627829	-.400	.345	.345	15.68	231	3,622	415810	-.159	.437	.437
35	12.77	806	10,292	4428495	3.329	1.000	0	19.27	534	10,292	2959481	3.081	.999	.001
36	10.53	1,052	11,081	5859005	.293	.615	.385	16.25	682	11,081	3677528	-1.210	.113	.113
37	11.37	960	10,911	5257240	.205	.581	.419	17.00	642	10,911	3493800	-.108	.457	.457
38	12.17	1,842	22,410	21390559	2.705	.997	.003	19.24	1,165	22,410	13679506	2.834	.998	.002
39	10.11	1,933	19,535	19504127	2.515	.994	.006	15.12	1,292	19,535	13313065	3.421	1.000	0
40	13.01	798	10,379	4309625	1.990	.977	.023	20.04	518	10,379	2842382	2.262	.988	.012
41	8.57	2,894	24,787	36818466	2.472	.993	.007	12.94	1,916	24,787	24216102	1.501	.933	.067
42	15.50	48	744	17628	-.153	.439	.439	24.80	30	744	10402	-.644	.260	.260
43	14.50	2,213	32,082	35996658	1.143	.873	.127	23.28	1,378	32,082	22401537	.864	.806	.194
44	9.29	2,115	19,656	21382488	2.285	.989	.011	13.98	1,406	19,656	14416523	2.812	.998	.002
45	7.82	2,423	18,947	22767753	-.693	.244	.244	11.81	1,604	18,947	15458465	1.201	.885	.115
46	11.06	2,337	25,853	30536963	.908	.818	.182	17.66	1,464	25,853	19009646	.299	.617	.383
47	12.60	505	6363	1683340	1.858	.968	.032	20.20	315	6,363	1053327	1.569	.942	.058
48	12.20	463	5648	1318165	.304	.619	.381	19.82	285	5,648	834700	1.085	.861	.139
49	7.95	38	302	6803	1.982	.976	.024	12.58	24	302	4536	2.135	.984	.016
50	11.02	83	915	43676	2.370	.991	.009	16.64	55	915	30299	2.622	.996	.004
51	11.00	1,656	18,223	15353649	1.238	.892	.108	17.81	1,023	18,223	9424557	.615	.731	.269
52	9.38	1,398	13,109	9135011	-.199	.421	.421	13.92	942	13,109	6187999	.118	.547	.453

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
53	6.25	49	306	7473	-.039	.485	.485	8.74	35	306	5189	-.318	.375	.375
54	21.75	4	87	152	-.438	.331	.331	29.00	3	87	96	-.793	.214	.214
55	13.86	712	9,865	3585487	.968	.833	.167	21.83	452	9,865	2201243	-.467	.320	.320
56	17.28	138	2,385	177927	1.652	.951	.049	27.73	86	2,385	107127	.716	.763	.237
57	22.98	852	19,579	8453534	.684	.753	.247	41.75	469	19,579	4743693	1.245	.893	.107
58	16.00	38	608	11213	-.313	.377	.377	24.32	25	608	5748	-2.110	.017	.017
59	14.26	2,540	36,226	45885260	-.231	.409	.409	23.24	1,559	36,226	27648184	-1.429	.077	.077
60	19.09	22	420	4754	.236	.593	.407	38.18	11	420	1955	-.883	.189	.189
61	22.26	1,252	27,865	17451071	.027	.511	.489	48.46	575	27,865	8425456	2.148	.984	.016
62	21.80	10	218	1445	1.784	.963	.037	27.25	8	218	1156	1.596	.945	.055
63	18.88	108	2,039	125975	2.594	.995	.005	28.72	71	2,039	86292	2.804	.997	.003
64	73.75	4	295	628	.223	.588	.412	--	--	--	--	--	--	--
65	12.03	617	7,422	2249965	-.746	.228	.228	19.13	388	7,422	1463106	.551	.709	.291
66	13.57	172	2,334	189826	-1.233	.109	.109	20.47	114	2,334	121481	-1.607	.054	.054
67	9.61	1,388	13,340	9392184	.936	.825	.175	14.81	901	13,340	6176756	1.446	.926	.074
68	21.38	245	5,237	656241	.622	.733	.267	36.12	145	5,237	382412	.150	.560	.440
69	26.72	184	4,917	430401	-1.141	.127	.127	46.39	106	4,917	255716	-.334	.369	.369
70	12.48	83	1,036	51296	3.047	.999	.001	16.98	61	1,036	38609	3.002	.999	.001
71	11.91	64	762	24510	.072	.529	.471	18.14	42	762	15037	-.677	.249	.249
72	13.82	316	4,366	676963	-.574	.283	.283	22.74	192	4,366	425957	.391	.652	.348
73	15.55	804	12,503	4972848	-.521	.301	.301	23.77	526	12,503	3429382	1.705	.956	.044
74	9.44	128	1,208	78578	.321	.626	.374	14.73	82	1,208	52064	.803	.789	.211
75	8.87	2,641	23,435	31848135	2.595	.995	.005	13.66	1,716	23,435	21065521	3.420	1.000	0
76	21.77	53	1154	26477	-1.692	.045	.045	37.23	31	1,154	15746	-1.154	.124	.124
77	7.86	2,014	15,838	16380544	2.104	.982	.018	11.36	1,394	15,838	11275282	1.384	.917	.083
78	14.48	50	724	18643	.367	.643	.357	21.29	34	724	12441	.109	.543	.457
79	9.40	62	583	20776	2.040	.979	.021	13.88	42	583	13946	1.561	.941	.059
80	7.29	4,881	35,599	89162036	3.179	.999	.001	10.97	3,244	35,599	59449459	2.918	.998	.002
81	7.39	1,911	14,126	14070741	3.216	.999	.001	11.18	1,263	14,126	9360225	3.034	.999	.001
82	8.98	1,411	12,671	9647209	5.152	0	0	12.61	1,005	12,671	6786390	3.615	1.000	0
83	12.06	2,955	35,650	53468681	1.423	.923	.077	19.72	1,808	35,650	32727788	1.143	.873	.127
84	9.00	868	7,812	3444851	.819	.794	.206	13.52	578	7,812	2279660	.406	.657	.343
85	11.18	148	1,655	118935	-.608	.272	.272	14.27	116	1,655	93066	-.568	.285	.285
86	10.59	1,365	14,452	10326222	3.002	.999	.001	17.02	849	14,452	6582640	3.684	1.000	0
87	18.95	64	1,213	37493	-.472	.318	.318	28.88	42	1,213	24242	-.543	.294	.294
88	15.43	833	12,853	5302457	-.475	.318	.318	23.54	546	12,853	3510940	.024	.510	.490
89	10.90	1,750	19,069	17381359	3.022	.999	.001	16.97	1,124	19,069	11213725	2.693	.996	.004
90	13.18	485	6,392	1493877	-1.383	.083	.083	20.69	309	6,392	995523	.245	.597	.403
91	13.88	894	12,411	5479083	-.641	.261	.261	23.51	528	12,411	3170343	-1.290	.099	.099
92	10.72	1,155	12,385	7093274	-.486	.313	.313	16.54	749	12,385	4585373	-.540	.295	.295
93	7.35	289	2,124	304913	-.192	.424	.424	10.78	197	2,124	210678	.170	.568	.432
94	26.77	91	2,436	108361	-.369	.356	.356	45.96	53	2,436	59335	-1.019	.154	.154
95	18.46	56	1,034	28629	-.145	.442	.442	24.62	42	1,034	20391	-.684	.247	.247
96	17.85	773	13,801	5227829	-.959	.169	.169	30.00	460	13,801	3118275	-.655	.256	.256
97	26.26	43	1,129	23438	-.391	.348	.348	53.76	21	1,129	10270	-1.061	.144	.144
98	17.85	1,067	19,044	10612246	2.519	.994	.006	30.52	624	19,044	6371276	3.128	.999	.001
99	11.40	10	114	451	-1.144	.126	.126	22.80	5	114	255	-.408	.342	.342
100	17.45	1,638	28,580	23239089	-.503	.308	.308	26.79	1,067	28,580	15586439	1.258	.896	.104
101	14.28	645	9,211	2908953	-0.912	.181	.181	22.80	404	9,211	1800720	-1.121	.131	.131
102	11.46	69	791	30080	1.471	.929	.071	17.98	44	791	19378	1.305	.904	.096
103	10.93	3,427	37,448	66080651	3.024	.999	.001	17.06	2,195	37,448	42067271	1.911	.972	.028
104	13.79	455	6,276	1468970	1.066	.857	.143	20.99	299	6,276	982929	1.426	.923	.077

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
105	15.98	641	10,246	3334314	.674	.750	.250	24.99	410	10,246	2115082	.245	.597	.403
106	14.60	244	3,562	425091	-.590	.278	.278	26.99	132	3,562	222409	-1.074	.142	.142
107	10.04	746	7,487	2752395	-.682	.248	.248	15.06	497	7,487	1897107	.759	.776	.224
108	11.35	3,290	37,342	62971259	2.497	.994	.006	17.62	2,119	37,342	40144767	1.171	.879	.121
109	7.12	2,025	14,412	14796772	1.093	.863	.137	10.14	1,421	14,412	10617602	2.410	.992	.008
110	8.68	4,000	34,710	70675099	1.981	.976	.024	13.27	2,616	34,710	46900647	2.927	.998	.002
111	11.51	109	1,254	71666	.879	.810	.190	17.91	70	1,254	44951	.350	.637	.363
112	14.36	1,599	22,955	18159960	-.727	.234	.234	25.71	893	22,955	10163197	-.435	.332	.332
113	15.42	156	2,405	159760	-3.209	.001	.001	25.32	95	2,405	98207	-2.369	.009	.009
114	19.29	104	2,006	105681	.232	.592	.408	35.19	57	2,006	61906	1.083	.861	.139
115	30.88	585	18,062	5499764	1.718	.957	.043	64.28	281	18,062	2597827	.688	.754	.246
116	15.36	378	5,805	1064144	-1.013	.156	.156	26.75	217	5,805	643919	.570	.716	.284
117	14.76	1,302	19,214	12927752	2.096	.982	.018	26.04	738	19,214	7227077	.910	.818	.182
118	15.32	66	1,011	37623	1.797	.964	.036	28.08	36	1,011	19078	.503	.692	.308
119	10.84	2,544	27,586	36306505	3.030	.999	.001	16.96	1,627	27,586	23435388	3.095	.999	.001
120	7.58	2,530	19,175	24818102	2.018	.978	.022	11.40	1,682	19,175	16643703	2.280	.989	.011
121	10.97	1,673	18,359	15831860	2.189	.986	.014	16.65	1,103	18,359	10777679	3.708	1.000	0
122	17.08	506	8,643	2290400	1.848	.968	.032	28.25	306	8,643	1375845	1.225	.890	.110
123	16.84	2,049	34,510	35312060	-.096	.462	.462	26.03	1,326	34,510	23062896	.504	.693	.307
124	17.64	428	7,550	1829463	4.741	1.000	0	25.34	298	7,550	1235776	2.946	.998	.002
125	13.27	1,788	23,727	21741718	1.829	.966	.034	21.61	1,098	23,727	13437696	1.813	.965	.035
126	9.47	382	3,619	681725	-.466	.321	.321	13.87	261	3,619	475198	.173	.569	.431
127	17.97	1,079	19,385	10694785	1.287	.901	.099	32.86	590	19,385	5660381	-.428	.334	.334
128	8.29	1,313	10,885	7204759	.516	.697	.303	12.44	875	10,885	4771543	.101	.540	.460
129	11.53	1,703	19,634	16944958	.969	.834	.166	17.52	1,121	19,634	11098032	.491	.688	.312
130	12.89	2,045	26,350	26930065	-.037	.485	.485	21.55	1,223	26,350	16282048	.635	.737	.263
131	11.89	64	761	27211	1.627	.948	.052	19.51	39	761	16349	1.100	.864	.136
132	9.63	1,458	14,041	10524859	1.867	.969	.031	14.46	971	14,041	6890429	.582	.720	.280
133	9.16	3,962	36,302	73002260	1.649	.950	.050	14.32	2,536	36,302	46848968	1.550	.939	.061
134	15.41	78	1,202	41260	-1.833	.033	.033	25.04	48	1,202	24446	-1.831	.034	.034
135	12.94	94	1,216	52259	-1.438	.075	.075	22.52	54	1,216	31064	-.685	.247	.247
136	10.90	2,847	31,019	44801802	1.353	.912	.088	17.15	1,809	31,019	28552016	1.301	.903	.097
137	11.28	313	3,532	569648	.936	.825	.175	16.58	213	3,532	399794	1.588	.944	.056
138	15.02	509	7,647	1955572	.189	.575	.425	22.29	343	7,647	1373221	1.511	.935	.065
139	20.43	7	143	641	1.286	.901	.099	47.67	3	143	368	2.147	.984	.016
140	10.24	126	1,290	86690	1.297	.903	.097	14.33	90	1,290	60441	.677	.751	.249
141	7.62	1,400	10,670	7636745	1.456	.927	.073	11.51	927	10,670	5036177	.966	.833	.167
142	7.57	1,061	8,028	4303608	.593	.723	.277	11.07	725	8,028	3001616	1.466	.929	.071
143	7.64	2,353	17,968	21613560	1.885	.970	.030	10.92	1,646	17,968	15005660	1.036	.850	.150
144	16.69	825	13,768	5325657	-3.098	.001	.001	28.86	477	13,768	3060309	-2.573	.005	.005
145	18.18	961	17,470	8570013	1.124	.869	.131	32.11	544	17,470	4780150	.241	.595	.405
146	15.41	1,839	28,335	26631339	1.646	.950	.050	25.64	1,105	28,335	16058831	1.485	.931	.069
147	13.00	1,495	19,432	14963986	2.022	.978	.022	20.56	945	19,432	9599913	2.426	.992	.008
148	21.85	58	1,267	32796	-1.417	.078	.078	32.49	39	1,267	23875	-.364	.358	.358
149	10.70	20	214	2410	.977	.836	.164	16.46	13	214	1734	1.540	.938	.062
150	11.68	99	1,156	56387	-.252	.401	.401	18.65	62	1,156	34432	-.534	.297	.297
151	13.04	538	7,017	1826189	-1.307	.096	.096	21.93	320	7,017	1076429	-1.278	.101	.101
152	23.12	342	7,906	1307264	-1.058	.145	.145	44.42	178	7,906	692257	-.374	.354	.354
153	8.99	1,611	14,486	12032370	2.168	.985	.015	14.49	1,000	14,486	7374043	0.991	.839	.161
154	14.62	731	10,685	3857233	-.577	.282	.282	26.91	397	10,685	2059966	-.993	.160	.160
155	10.83	2,036	22,051	22807732	1.253	.895	.105	16.87	1,307	22,051	14620732	.914	.820	.180
156	18.32	803	14,709	5874926	-.256	.399	.399	36.05	408	14,709	3016415	.184	.573	.427

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
157	42.33	3	127	180	-.165	.434	.434	63.50	2	127	132	.096	.538	.462
158	11.51	177	2,037	167115	-1.682	.046	.046	17.71	115	2,037	102739	-2.282	.011	.011
159	12.52	1,405	17,595	12405607	.237	.594	.406	19.51	902	17,595	7961709	.173	.569	.431
160	9.65	620	5,981	1809073	-1.048	.147	.147	14.17	422	5,981	1229504	-.916	.180	.180
161	11.30	1,193	13,484	8324930	2.095	.982	.018	16.88	799	13,484	5476275	.813	.792	.208
162	11.01	892	9,819	4592341	2.517	.994	.006	18.08	543	9,819	2846195	2.730	.997	.003
163	11.24	3,064	34,426	54453267	3.113	.999	.001	18.08	1,904	34,426	34292346	3.502	1.000	0
164	9.59	54	518	13425	-.511	.305	.305	19.19	27	518	7014	.027	.511	.489
165	14.81	80	1,185	45807	-.521	.301	.301	25.21	47	1,185	29129	.546	.708	.292
166	13.82	458	6,331	1525723	1.941	.974	.026	21.68	292	6,331	948133	.762	.777	.223
167	14.04	86	1,207	50238	-.515	.303	.303	24.14	50	1,207	28574	-.650	.258	.258
168	9.32	1,512	14,097	10698467	.260	.603	.397	14.44	976	14,097	6974313	.747	.772	.228
169	10.76	113	1,216	73633	1.321	.907	.093	17.88	68	1,216	46697	1.849	.968	.032
170	14.77	412	6,084	1270904	.494	.689	.311	25.89	235	6,084	744779	1.111	.867	.133
171	14.81	556	8,233	2296632	.140	.556	.444	23.66	348	8,233	1434433	.043	.517	.483
172	10.37	3,167	32,834	52792879	1.500	.933	.067	16.18	2,029	32,834	33869040	1.309	.905	.095
173	19.39	102	1,978	99378	-.260	.397	.397	29.52	67	1,978	62938	-.711	.238	.238
174	14.11	438	6,180	1406049	1.410	.921	.079	24.05	257	6,180	822452	.990	.839	.161
175	10.69	130	1,389	90061	-.049	.480	.480	15.61	89	1,389	63691	.497	.690	.310
176	13.66	1,468	20,049	15080242	1.643	.950	.050	22.30	899	20,049	9166089	.888	.813	.187
177	14.70	2,185	32,125	35476337	.876	.809	.191	25.20	1,275	32,125	20504103	.074	.529	.471
178	12.26	27	331	3522	-1.906	.028	.028	18.39	18	331	2546	-1.068	.143	.143
179	25.88	752	19,460	7835703	3.367	1.000	0	54.36	358	19,460	3862744	3.570	1.000	0
180	8.63	1,933	16,672	16461116	1.643	.950	.050	12.68	1,315	16,672	11418088	2.614	.996	.004
181	15.78	1,790	28,238	24319273	-2.765	.003	.003	27.90	1,012	28,238	13732293	-2.145	.016	.016
182	10.60	1,314	13,932	9280165	.870	.808	.192	16.93	823	13,932	5789500	.490	.688	.312
183	10.51	184	1,934	165794	-1.602	.055	.055	15.72	123	1,934	120125	.191	.576	.424
184	8.56	101	865	46493	1.120	.869	.131	13.11	66	865	30108	.771	.779	.221
185	22.04	100	2,204	102869	-1.152	.125	.125	33.91	65	2,204	67990	-.710	.239	.239
186	16.68	137	2,285	159033	.325	.628	.373	25.39	90	2,285	98579	-.679	.249	.249
187	15.25	4	61	122	0	.500	.500	15.25	4	61	122	0	.500	.500
188	12.11	1,224	14,820	8970883	-.661	.254	.254	18.95	782	14,820	5662066	-1.108	.134	.134
189	17.84	1,481	26,415	19058114	-1.711	.044	.044	28.34	932	26,415	12012173	-1.277	.101	.101
190	9.98	1,895	18,911	18923845	4.232	1.000	0	15.03	1,258	18,911	12636160	3.828	1.000	0
191	15.94	804	12,819	5240643	.833	.798	.202	24.84	516	12,819	3383965	.912	.819	.181
192	7.76	2,341	18,176	21754381	1.888	.971	.030	11.53	1,576	18,176	14812319	2.351	.991	.009
193	17.78	684	12,164	4408850	2.709	.997	.003	29.10	418	12,164	2790783	3.462	1.000	0
194	12.81	502	6,429	1598064	-.376	.354	.354	19.08	337	6,429	1096048	.375	.646	.354
195	28.92	328	9,486	1506907	-.984	.163	.163	62.82	151	9,486	653837	-1.853	.032	.032
196	19.12	753	14,400	5290995	-1.145	.126	.126	29.75	484	14,400	3498916	.154	.561	.439
197	9.98	811	8,095	3353290	1.063	.856	.144	14.96	541	8,095	2249639	1.103	.865	.135
198	9.86	1,284	12,665	8130584	-.003	.499	.499	14.38	881	12,665	5628767	.459	.677	.323
199	7.32	3,117	22,827	36195361	1.684	.954	.046	10.98	2,079	22,827	24036260	1.024	.847	.153
200	11.37	1,242	14,121	8994755	1.571	.942	.058	18.78	752	14,121	5454295	1.295	.902	.098
201	8.90	2,577	22,939	30253920	2.074	.981	.019	13.69	1,676	22,939	19675782	1.671	.953	.047
202	11.85	41	486	11901	2.157	.985	.015	18.00	27	486	7455	1.226	.890	.110
203	10.35	1,361	14,090	9787515	1.328	.908	.092	17.40	810	14,090	5826369	1.036	.850	.150
204	6.31	220	1,388	147858	-.811	.209	.209	8.26	168	1,388	117121	.102	.541	.459
205	22.59	17	384	3588	0.709	.761	.239	42.67	9	384	2031	0.911	.819	.181
206	15.56	188	2,925	263215	-1.014	.155	.155	26.84	109	2,925	144407	-1.702	.044	.044
207	15.64	33	516	8467	-.055	.478	.478	27.16	19	516	5225	.498	.691	.309
208	16.38	503	8239	2134891	1.177	.880	.120	28.71	287	8,239	1247376	1.615	.947	.053

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
209	12.77	1197	15291	9205128	.350	.637	.363	19.55	782	15,291	6077305	.798	.788	.212
210	13.80	311	4292	686179	.859	.805	.195	21.35	201	4,292	435770	.252	.599	.401
211	10.57	193	2,040	178486	-2.246	.012	.012	19.07	107	2,040	100061	-1.490	.068	.068
212	14.09	1,017	14,334	7246578	-.320	.374	.374	22.75	630	14,334	4472937	-.407	.342	.342
213	10.83	293	3,173	482886	1.151	.875	.125	17.06	186	3,173	315463	1.631	.949	.051
214	15.49	75	1,162	39543	-1.388	.083	.083	24.72	47	1,162	25056	-.979	.164	.164
215	14.83	54	801	21277	-.206	.418	.418	25.84	31	801	12567	.118	.547	.453
216	14.73	103	1,517	75826	-.517	.302	.302	24.47	62	1,517	47038	.003	.501	.499
217	13.97	1,084	15,148	8277751	.469	.680	.320	22.28	680	15,148	5048432	-.894	.186	.186
218	14.82	1,248	18,497	11915399	1.979	.976	.024	26.46	699	18,497	6766738	2.140	.984	.016
219	--	--	--	--	--	--	--	--	--	--	--	--	--	--
220	13.58	1,804	24,501	21934941	-.549	.292	.292	21.82	1,123	24,501	13590117	-.705	.240	.240
221	7.09	665	4,717	1560966	-.212	.416	.416	10.06	469	4,717	1101769	-.148	.441	.441
222	17.02	1,162	19,773	12142088	3.361	1.000	0	32.52	608	19,773	6404983	2.799	.997	.003
223	14.93	436	6,509	1444920	.662	.746	.254	24.47	266	6,509	877364	.381	.648	.352
224	16.90	362	6,117	1116405	.275	.608	.392	27.93	219	6,117	670841	.039	.516	.484
225	14.65	808	11,834	5127072	3.565	1.000	0	19.86	596	11,834	3745485	2.625	.996	.004
226	13.91	2,405	33,447	39411656	-1.707	.044	.044	24.34	1,374	33,447	22385272	-1.656	.049	.049
227	8.11	148	1,200	87756	-.248	.402	.402	12.25	98	1,200	61853	.890	.813	.187
228	8.05	4,227	34,037	72418098	.753	.774	.226	11.81	2,882	34,037	49344324	.563	.713	.287
229	12.20	747	9,110	3509840	1.492	.932	.068	19.98	456	9,110	2229401	2.712	.997	.003
230	14.60	2,193	32,007	35638780	1.255	.895	.105	24.38	1,313	32,007	20654293	-1.070	.142	.142
231	10.47	3,162	33,090	52703606	.723	.765	.235	16.33	2,027	33,090	33752249	.501	.692	.308
232	9.49	263	2,497	332833	.383	.649	.351	14.86	168	2,497	207986	-.189	.425	.425
233	7.62	2,268	17,281	19824378	.959	.831	.169	11.56	1,495	17,281	13209053	1.511	.935	.065
234	8.85	117	1,035	58485	-.638	.262	.262	14.38	72	1,035	36066	-.471	.319	.319
235	10.42	2,244	23,374	26064512	-.504	.307	.307	16.43	1,423	23,374	16218554	-1.619	.053	.053
236	17.30	332	5,743	880972	-2.396	.008	.008	27.88	206	5,743	550440	-1.727	.042	.042
237	8.62	2,155	18,579	21255322	4.966	1.000	0	12.83	1,448	18,579	14493870	5.109	0	0
238	15.49	275	4,259	572595	-.639	.262	.262	22.90	186	4,259	379456	-.992	.161	.161
239	7.66	2,263	17,330	19995705	1.625	.948	.052	11.99	1,446	17,330	12967709	2.303	.989	.011
240	18.51	705	13,047	4487572	-1.115	.133	.133	34.52	378	13,047	2545358	1.085	.861	.139
241	12.48	2,998	37,406	56026179	-.077	.469	.469	19.94	1,876	37,406	34915315	-.367	.357	.357
242	9.29	1,885	17,517	16697719	.856	.804	.196	14.51	1,207	17,517	10891627	1.822	.966	.034
243	9.73	2,126	20,679	22015707	.123	.549	.451	15.39	1,344	20,679	13752995	-.655	.256	.256
244	9.20	10	92	331	-1.536	.062	.062	15.33	6	92	187	-1.368	.086	.086
245	15.83	1,667	26,383	21855729	-.433	.333	.333	26.68	989	26,383	12914604	-.550	.291	.291
246	9.03	2,219	20,030	22859786	2.337	.990	.010	13.98	1,433	20,030	15064025	3.255	.999	.001
247	11.86	2,573	30,526	39749886	1.070	.858	.142	18.40	1,659	30,526	25555968	.654	.743	.257
248	11.09	178	1,974	162767	-1.699	.045	.045	16.73	118	1,974	109881	-1.064	.144	.144
249	8.87	340	3,015	519494	.433	.667	.333	12.31	245	3,015	377854	.625	.734	.266
250	19.30	385	7,429	1378254	-1.232	.109	.109	32.44	229	7,429	811045	-1.220	.111	.111
251	34.43	7	241	699	-.785	.216	.216	60.25	4	241	249	-1.675	.047	.047
252	19.04	122	2,323	144437	.369	.644	.356	31.82	73	2,323	83645	-.200	.421	.421
253	16.09	87	1,400	64974	1.081	.860	.140	25.46	55	1,400	42136	1.213	.887	.113
254	16.70	1,167	19,485	11506633	.714	.762	.238	31.03	628	19,485	6243774	.890	.813	.187
255	7.99	2,420	19,333	23829771	1.591	.944	.056	12.46	1,552	19,333	15634068	2.873	.998	.002
256	8.62	2,113	18,213	19309818	.281	.610	.390	11.94	1,526	18,213	14020577	.604	.727	.273
257	33.78	18	608	5333	-0.187	.426	.426	86.86	7	608	1866	-0.564	.286	.286
258	17.83	1,092	19,465	10958534	1.781	.963	.037	29.85	652	19,465	6635530	2.021	.978	.022
259	12.38	365	4,519	804901	-.795	.213	.213	19.73	229	4,519	487798	-1.501	.067	.067
260	10.90	2,024	22,062	22514680	.656	.744	.256	16.63	1,327	22,062	14424841	-.919	.179	.179

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
261	10.66	137	1,461	103603	.714	.762	.238	17.39	84	1,461	60290	-.277	.391	.391
262	10.49	640	6,712	2136380	-.234	.408	.408	15.12	444	6,712	1478902	-.273	.392	.392
263	30.19	614	18,538	6028718	2.546	.995	.005	62.42	297	18,538	3033956	3.048	.999	.001
264	14.37	828	11,901	5158521	2.342	.990	.010	21.76	547	11,901	3473464	2.720	.997	.003
265	13.23	1,491	19,723	15306217	2.742	.997	.003	21.00	939	19,723	9774384	2.949	.998	.002
266	7.06	469	3,310	779873	.178	.571	.429	10.15	326	3,310	548471	.518	.698	.302
267	9.55	3,813	36,415	70444872	1.571	.942	.058	14.49	2,514	36,415	46198016	.805	.790	.210
268	9.49	385	3,653	672905	-1.464	.072	.072	14.00	261	3,653	484499	.457	.676	.324
269	9.09	78	709	30293	1.462	.928	.072	14.47	49	709	19403	1.419	.922	.078
270	11.67	1,213	14154	8697852	.797	.787	.213	17.30	818	14,154	5935581	1.255	.895	.105
271	76.50	2	153	91	-.993	.161	.161	153.00	1	153	56	-.464	.321	.321
272	75.50	2	151	190	.633	.736	.264	--	--	--	--	--	--	--
273	16.28	1,952	31,770	30968826	-.096	.462	.462	26.92	1,180	31,770	18352058	-1.245	.107	.107
274	17.20	662	11,383	4045416	3.284	.999	.001	27.70	411	11,383	2492962	2.308	.990	.011
275	14.14	170	2,403	195087	-1.014	.155	.155	23.56	102	2,403	118416	-.591	.277	.277
276	16.06	402	6,457	1346587	1.304	.904	.096	27.83	232	6,457	758672	.340	.633	.367
277	9.58	117	1,121	65306	-.078	.469	.469	17.79	63	1,121	36633	.515	.697	.303
278	9.31	1,272	11,840	7591191	.500	.691	.309	14.69	806	11,840	4796101	.253	.600	.400
279	34.81	21	731	8153	.494	.689	.311	81.22	9	731	2328	-1.519	.064	.064
280	22.25	741	16,485	6115688	.062	.525	.475	42.05	392	16,485	3357536	1.342	.910	.090
281	11.09	398	4,415	913639	1.379	.916	.084	17.59	251	4,415	569567	.767	.778	.222
282	8.08	166	1,341	107735	-.715	.237	.237	14.27	94	1,341	60187	-.757	.225	.225
283	10.74	1,807	19,415	18149653	2.553	.995	.005	16.27	1,193	19,415	12000441	2.167	.985	.015
284	15.84	602	9,535	2908530	.570	.716	.284	22.92	416	9,535	2038789	.989	.839	.161
285	8.42	3,863	32,536	64066398	2.095	.982	.018	12.75	2,551	32,536	42203109	1.483	.931	.069
286	15.15	2,467	37,369	46503520	.763	.777	.223	25.77	1,450	37,369	26534571	-1.358	.087	.087
287	14.27	128	1,826	118314	.243	.596	.404	25.72	71	1,826	65374	.124	.549	.451
288	12.68	1,040	13,182	6946674	.750	.773	.227	19.50	676	13,182	4522276	.675	.750	.250
289	15.32	74	1,134	35034	-2.459	.007	.007	25.20	45	1,134	21462	-1.846	.032	.032
290	13.85	2,203	30,511	34592056	2.381	.991	.009	21.00	1,453	30,511	22381522	.641	.739	.261
291	18.02	1,083	19,511	10777060	1.143	.873	.127	28.53	684	19,511	6714568	.284	.612	.388
292	11.84	185	2,191	200440	-.259	.398	.398	19.39	113	2,191	121606	-.325	.373	.373
293	11.04	3,200	35,323	56156528	-.625	.266	.266	17.36	2,035	35,323	36246043	.663	.746	.254
294	8.51	2,214	18,834	21243119	1.540	.938	.062	12.05	1,563	18,834	14787984	.322	.626	.374
295	12.16	488	5,935	1506371	1.539	.938	.062	19.78	300	5,935	909335	.643	.740	.260
296	8.16	2,107	17,191	18654519	2.387	.992	.008	12.25	1,403	17,191	12501685	2.379	.991	.009
297	8.11	2,409	19,546	23752009	.754	.775	.225	11.91	1,641	19,546	16482400	1.947	.974	.026
298	9.77	1,047	10,227	5509865	1.633	.949	.051	15.11	677	10,227	3589342	1.660	.952	.048
299	21.18	11	233	1047	-1.051	.147	.147	38.83	6	233	651	-.291	.385	.385
300	15.87	306	4,857	719172	-.976	.165	.165	31.54	154	4,857	373323	-.038	.485	.485
301	17.52	963	16,871	8091273	-.213	.416	.416	32.44	520	16,871	4232866	-1.383	.083	.083
302	18.43	1,048	19,309	10166903	.272	.607	.393	33.64	574	19,309	5693208	1.135	.872	.128
303	8.86	55	487	13547	.148	.559	.441	12.82	38	487	9078	-.202	.420	.420
304	10.08	2,486	25,051	31890909	2.087	.982	.018	15.51	1,615	25,051	20942456	2.456	.993	.007
305	11.95	130	1,554	88994	-2.349	.009	.009	16.36	95	1,554	64054	-2.232	.013	.013
306	9.15	4,065	37,205	75864357	.358	.640	.360	14.07	2,645	37,205	49616324	.747	.772	.228
307	13.45	1,571	21,126	17004818	1.698	.955	.045	24.51	862	21,126	9276063	.954	.830	.170
308	11.26	1,578	17,772	14271550	1.224	.889	.111	15.26	1,165	17,772	10370813	.106	.542	.458
309	10.51	111	1,167	66940	0.612	.730	.270	20.12	58	1,167	35821	0.771	.780	.220
310	11.41	272	3,103	387650	-2.326	.010	.010	18.92	164	3,103	227181	-2.377	.009	.009
311	17.21	221	3,804	444356	1.471	.929	.071	31.70	120	3,804	241569	1.108	.866	.134
312	10.21	1,815	18,527	17904544	4.790	1.000	0	15.70	1,180	18,527	11676538	4.058	1.000	0

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
313	10.45	236	2,465	280632	-.937	.175	.175	17.24	143	2,465	160132	-1.894	.029	.029
314	11.42	99	1,131	57967	.610	.729	.271	15.93	71	1,131	41938	.650	.742	.258
315	7.47	2,502	18,684	23890242	1.915	.972	.028	10.96	1,705	18,684	16587543	2.961	.998	.002
316	18.16	109	1,979	99776	-1.355	.088	.088	34.12	58	1,979	52080	-1.221	.111	.111
317	29.58	55	1,627	38200	-1.878	.030	.030	54.23	30	1,627	22997	-.547	.292	.292
318	20.57	802	16,498	6794882	1.329	.908	.092	33.47	493	16,498	4272745	1.948	.974	.026
319	19.37	193	3,738	359344	-.092	.463	.463	31.15	120	3,738	227319	.257	.601	.399
320	28.73	279	8,016	1144627	.683	.753	.247	63.62	126	8,016	534568	1.138	.872	.128
321	9.17	2,260	20,733	23835217	1.430	.924	.076	14.20	1,460	20,733	15508273	1.632	.949	.051
322	11.23	1,117	12,538	7000532	-.016	.494	.494	15.79	794	12,538	5005672	.275	.609	.391
323	11.13	482	5,364	1291138	-.047	.481	.481	18.06	297	5,364	805645	.341	.633	.367
324	10.24	3,086	31,602	49913855	2.273	.988	.012	15.71	2,012	31,602	32593050	1.959	.975	.025
325	17.90	238	4,259	463955	-2.260	.012	.012	31.78	134	4,259	272048	-.935	.175	.175
326	7.85	827	6,492	2716380	.593	.723	.277	11.37	571	6,492	1849086	-.098	.461	.461
327	14.36	566	8,126	2331885	.578	.718	.282	21.79	373	8,126	1559090	.962	.832	.168
328	15.98	61	975	28624	-.507	.306	.306	19.90	49	975	22877	-.513	.304	.304
329	7.08	1,633	11,566	9790226	2.569	.995	.005	10.62	1,089	11,566	6408367	1.005	.842	.158
330	8.17	4,473	36,526	81530137	-.227	.410	.410	12.18	2,998	36,526	54520210	-.402	.344	.344
331	15.02	446	6,698	1530198	.895	.815	.185	25.57	262	6,698	879359	.061	.525	.475
332	15.78	2,020	31,881	33078104	2.123	.983	.017	25.16	1,267	31,881	20459487	.802	.789	.211
333	9.86	2,175	21,436	23827747	1.788	.963	.037	14.49	1,479	21,436	16454041	2.530	.994	.006
334	15.97	967	15,442	7535360	.499	.691	.309	30.76	502	15,442	4004272	1.285	.901	.099
335	17.14	1,296	22,219	14053461	-1.492	.068	.068	31.70	701	22,219	7653079	-.793	.214	.214
336	13.44	154	2,070	169887	1.416	.922	.078	21.34	97	2,070	109373	1.526	.936	.064
337	13.27	830	11,010	4611456	.462	.678	.322	21.38	515	11,010	2783001	-.722	.235	.235
338	13.22	437	5777	1293163	.886	.812	.188	20.41	283	5,777	837542	.716	.763	.237
339	7.65	635	4859	1527663	-.426	.335	.335	10.70	454	4,859	1104506	.051	.520	.480
340	10.07	620	6,240	1936424	.045	.518	.482	15.88	393	6,240	1248021	.612	.730	.270
341	22.33	436	9,737	2150958	.482	.685	.315	39.10	249	9,737	1267738	1.251	.894	.106
342	24.41	168	4,100	343152	-.081	.468	.468	36.61	112	4,100	242512	1.031	.849	.151
343	11.00	1,155	12,702	7296651	-.311	.378	.378	17.40	730	12,702	4655674	.196	.578	.422
344	10.90	3,159	34,428	56399287	3.617	1.000	0	17.28	1,992	34,428	36023699	3.908	1.000	0
345	8.98	54	485	12699	-.385	.350	.350	13.11	37	485	8529	-.521	.301	.301
346	16.89	1,275	21,528	13357158	-1.654	.049	.049	31.20	690	21,528	7284134	-.876	.191	.191
347	13.86	86	1,192	47690	-1.118	.132	.132	25.36	47	1,192	26228	-.756	.225	.225
348	14.03	796	11,166	4451641	.083	.533	.467	23.41	477	11,166	2651007	-.172	.432	.432
349	14.44	773	11,161	4237151	-.855	.196	.196	23.60	473	11,161	2514629	-1.783	.037	.037
350	12.86	2,191	28,183	31341778	1.227	.890	.110	20.32	1,387	28,183	19583217	.126	.550	.450
351	14.53	266	3,865	519250	.286	.613	.387	25.60	151	3,865	296976	.377	.647	.353
352	28.70	37	1,062	16823	-1.514	.065	.065	37.93	28	1,062	14033	-.515	.303	.303
353	9.44	345	3,257	586564	1.416	.922	.078	14.35	227	3,257	381446	.831	.797	.203
354	9.81	701	6,876	2482902	1.387	.917	.083	15.63	440	6,876	1557536	1.076	.859	.141
355	10.89	1,026	11,170	5739368	.089	.535	.465	16.95	659	11,170	3635833	-.540	.295	.295
356	18.58	1,926	35,793	34512162	.096	.538	.462	30.18	1,186	35,793	21094432	-.368	.357	.357
357	12.10	2,611	31,587	41456184	.471	.681	.319	19.27	1,639	31,587	26028401	.387	.651	.349
358	14.06	1,343	18,884	12765506	.425	.665	.335	22.45	841	18,884	8054260	.718	.764	.236
359	14.70	151	2,220	168619	.128	.551	.449	21.77	102	2,220	118941	.884	.812	.188
360	21.29	34	724	11069	-1.017	.155	.155	40.22	18	724	5854	-.747	.228	.228
361	16.67	9	150	861	1.432	.924	.076	30.00	5	150	481	1.095	.863	.137
362	10.04	2,114	21,229	22288882	-.533	.297	.297	14.71	1,443	21,229	14971118	-1.485	.069	.069
363	9.16	239	2,188	266243	.489	.688	.312	13.94	157	2,188	167215	-.574	.283	.283
364	9.12	1,051	9,588	4988820	-.554	.290	.290	14.27	672	9,588	3145664	-1.058	.145	.145

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
365	8.61	2,588	22,280	28484266	-1.058	.145	.145	12.83	1,737	22,280	19229782	-.449	.327	.327
366	10.22	247	2,525	318428	.575	.717	.283	12.02	210	2,525	272092	.660	.745	.255
367	9.39	1,229	11,543	7269443	1.509	.934	.066	14.03	823	11,543	4870065	1.257	.896	.104
368	17.59	479	8,426	1952752	-1.226	.110	.110	30.64	275	8,426	1141458	-.424	.336	.336
369	41.00	3	123	35	-2.431	.008	.008	123.00	1	123	16	-1.281	.100	.100
370	22.16	295	6,537	919864	-1.368	.086	.086	51.47	127	6,537	350418	-3.042	.001	.001
371	34.35	574	19,719	5880126	1.619	.947	.053	88.43	223	19,719	2343437	1.703	.956	.044
372	15.57	524	8,156	2173902	.687	.754	.246	25.57	319	8,156	1315367	.345	.635	.365
373	10.94	17	186	1261	-1.446	.074	.074	20.67	9	186	769	-.422	.336	.336
374	17.14	51	874	24361	1.151	.875	.125	33.62	26	874	12955	1.238	.892	.108
375	16.00	670	10,721	3778272	2.331	.990	.010	27.21	394	10,721	2261195	2.428	.992	.008
376	15.56	187	2,910	271790	-.026	.490	.490	24.45	119	2,910	179476	.691	.755	.245
377	11.71	1,550	18,150	14566657	2.426	.992	.008	18.32	991	18,150	9378306	2.334	.990	.010
378	10.14	1,434	14,540	10454094	.182	.572	.428	15.50	938	14,540	6813217	-.047	.481	.481
379	12.07	15	181	1416	.289	.614	.386	20.11	9	181	997	1.164	.878	.122
380	11.24	127	1,428	101436	2.316	.990	.010	17.85	80	1,428	63170	1.641	.950	.050
381	8.88	2,140	18,998	20553700	.890	.813	.187	12.98	1,464	18,998	14326320	2.001	.977	.023
382	8.00	37	296	5671	.375	.646	.354	12.87	23	296	3856	1.103	.865	.135
383	17.11	1,897	32,450	30487091	-.715	.237	.237	26.38	1,230	32,450	20361509	1.232	.891	.109
384	16.30	501	8,168	2158917	2.138	.984	.016	28.76	284	8,168	1228570	1.729	.958	.042
385	9.39	1,835	17,222	15941324	.658	.745	.255	15.00	1,148	17,222	9731783	-.912	.181	.181
386	30.50	8	244	872	-.522	.301	.301	34.86	7	244	765	-.478	.317	.317
387	11.63	179	2,081	185381	-.108	.457	.457	18.42	113	2,081	120945	.528	.701	.299
388	10.86	227	2,464	270600	-.846	.199	.199	16.43	150	2,464	177840	-.799	.212	.212
389	13.44	27	363	5969	1.962	.975	.025	19.11	19	363	4192	1.628	.948	.052
390	7.05	2,479	17,476	21842703	.721	.765	.235	10.20	1,713	17,476	15096863	.616	.731	.269
391	11.17	1,430	15,972	11894180	2.720	.997	.003	17.12	933	15,972	7634932	1.307	.904	.096
392	21.10	49	1,034	16942	-4.016	0	0	25.85	40	1,034	13640	-3.729	0	0
393	39.98	265	10,594	1486970	1.673	.953	.047	99.94	106	10,594	609899	1.538	.938	.062
394	15.50	2	31	32	.079	.532	.468	31.00	1	31	18	.279	.610	.390
395	12.93	705	9,115	3385753	2.472	.993	.007	18.99	480	9,115	2267227	1.381	.916	.084
396	9.23	2,135	19,696	21466366	1.678	.953	.047	13.85	1,422	19,696	14450754	2.084	.981	.019
397	17.87	797	14,241	5346285	-2.833	.002	.002	29.55	482	14,241	3295911	-1.509	.066	.066
398	14.93	2,266	33,819	38609764	.630	.736	.264	25.03	1,351	33,819	23265907	1.174	.880	.120
399	12.77	1,536	19,618	15011129	-.250	.401	.401	20.14	974	19,618	9643923	.509	.695	.305
400	8.94	2,156	19,271	20985378	.818	.793	.207	13.25	1,455	19,271	14186277	.785	.784	.216
401	14.93	387	5,779	1001316	-3.563	0	0	26.27	220	5,779	574317	-2.480	.007	.007
402	22.09	11	243	1733	1.704	.956	.044	40.50	6	243	844	.669	.748	.252
403	11.39	1,188	13,535	7919555	-.893	.186	.186	15.17	892	13,535	5776183	-2.232	.013	.013
404	9.55	2,158	20,610	22808633	2.064	.980	.020	14.38	1,433	20,610	15185945	1.860	.969	.031
405	14.37	827	11,884	5147927	2.371	.991	.009	24.11	493	11,884	3059698	1.711	.956	.044
406	10.36	2,094	21,685	23097048	1.371	.915	.085	15.93	1,361	21,685	15125631	1.598	.945	.055
407	9.76	380	3,708	688879	-.750	.227	.227	15.26	243	3,708	444554	-.358	.360	.360
408	10.06	3,395	34,142	58397246	.768	.779	.221	15.75	2,168	34,142	37569426	1.219	.889	.111
409	22.52	54	1,216	32268	-.219	.413	.413	39.23	31	1,216	19514	.341	.633	.367
410	8.62	1,670	14,398	12056647	.202	.580	.420	13.03	1,105	14,398	7946613	-.060	.476	.476
411	14.36	1,333	19,141	12853297	.475	.683	.317	23.87	802	19,141	7741022	.419	.662	.338
412	10.10	1,376	13,897	9236735	-2.180	.015	.015	15.37	904	13,897	6340552	.490	.688	.312
413	12.78	2,361	30,162	35588632	-0.042	.483	.483	19.77	1,526	30,162	23069517	0.164	.565	.435
414	12.45	275	3,423	478361	.470	.681	.319	19.45	176	3,423	318336	1.305	.904	.096
415	15.48	1,388	21,490	15184263	1.169	.879	.121	26.96	797	21,490	8566001	.013	.505	.495
416	16.17	1,197	19,352	12027313	2.303	.989	.011	28.46	680	19,352	6816001	1.622	.948	.052

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
417	13.19	233	3,072	375973	1.336	.909	.091	19.82	155	3,072	232518	-.504	.307	.307
418	13.81	1,805	24,925	23841631	4.406	1.000	0	23.60	1,056	24,925	14017937	3.668	1.000	0
419	10.50	2,159	22,658	24671563	.698	.757	.243	16.25	1,394	22,658	15887321	.388	.651	.349
420	17.29	1,107	19,138	10672993	.436	.668	.332	28.95	661	19,138	6222695	-.721	.236	.236
421	17.48	1,784	31,191	27171844	-1.711	.044	.044	35.57	877	31,191	13494886	-.684	.247	.247
422	29.27	396	11,589	2175910	-1.783	.037	.037	62.64	185	11,589	920297	-3.334	0	0
423	18.79	617	11,596	3636802	.715	.763	.237	29.89	388	11,596	2280190	.464	.679	.321
424	53.25	4	213	498	.586	.721	.279	106.50	2	213	351	1.587	.944	.056
425	22.81	932	21,262	9890793	-.092	.463	.463	43.84	485	21,262	5282135	.933	.825	.176
426	20.14	887	17,867	8120879	1.282	.900	.100	39.53	452	17,867	4039683	.016	.506	.494
427	--	--	--	--	--	--	--	--	--	--	--	--	--	--
428	11.82	406	4,798	999657	.920	.821	.179	17.45	275	4,798	681681	.956	.830	.170
429	10.10	536	5,412	1506439	1.549	.939	.061	16.20	334	5,412	952313	1.699	.955	.045
430	10.48	851	8,915	3929166	1.809	.965	.035	16.70	534	8,915	2404796	.412	.660	.340
431	9.96	387	3,856	770605	1.117	.868	.132	14.95	258	3,856	527759	1.697	.955	.045
432	8.57	1,014	8,688	4424642	.248	.598	.402	12.65	687	8,688	3043215	.896	.815	.185
433	16.20	1,689	27,354	23018610	-.252	.400	.400	24.27	1,127	27,354	15500535	.327	.628	.372
434	9.55	1,424	13,597	9826989	.985	.838	.162	14.27	953	13,597	6686347	1.711	.956	.044
435	9.39	110	1,033	61344	1.448	.926	.074	12.60	82	1,033	44218	.691	.755	.245
436	12.48	2,329	29,054	34412914	1.432	.924	.076	19.93	1,458	29,054	21598437	1.305	.904	.096
437	8.55	2,963	25,322	38503534	2.486	.994	.006	12.54	2,020	25,322	26344411	2.341	.990	.010
438	16.10	1,160	18,671	11147389	1.733	.958	.042	23.72	787	18,671	7614564	1.769	.962	.038
439	17.12	477	8,164	1893842	-1.035	.150	.150	24.52	333	8,164	1356391	-.068	.473	.473
440	15.53	599	9,302	2911216	1.906	.972	.028	25.21	369	9,302	1778971	1.217	.888	.112
441	17.44	1,361	23,733	16905797	2.989	.999	.001	33.19	715	23,733	8950746	2.545	.995	.005
442	9.13	1,398	12,769	9101489	1.277	.899	.101	13.96	915	12,769	6060333	1.960	.975	.025
443	10.71	1,213	12,987	7973601	.743	.771	.229	16.05	809	12,987	5224169	-.273	.393	.393
444	15.08	107	1,613	91053	.988	.838	.162	26.44	61	1,613	51566	.652	.743	.257
445	17.56	1,090	19,140	10824708	2.157	.984	.016	29.58	647	19,140	6541581	2.489	.994	.006
446	12.66	93	1,177	50218	-1.377	.084	.084	24.02	49	1,177	26193	-1.112	.133	.133
447	16.87	1,360	22,938	15848681	1.027	.848	.152	28.35	809	22,938	9341907	.337	.632	.368
448	10.30	3,060	31,527	48053495	-.363	.358	.358	16.09	1,960	31,527	30777384	-.296	.384	.384
449	8.97	593	5,317	1546958	-.790	.215	.215	13.16	404	5,317	1056752	-.560	.288	.288
450	9.38	2,190	20,533	23109920	2.258	.988	.012	14.58	1,408	20,533	15049280	2.671	.996	.004
451	9.84	565	5,562	1586922	.410	.659	.341	15.16	367	5,562	1001204	-.632	.264	.264
452	19.00	16	304	2505	.208	.582	.418	27.64	11	304	1994	1.106	.866	.134
453	20.22	104	2,103	111403	.331	.630	.370	45.72	46	2,103	47412	-.232	.408	.408
454	17.67	1,799	31,784	27641700	-2.436	.007	.007	30.71	1,035	31,784	15899152	-1.860	.031	.031
455	16.74	53	887	18391	-2.744	.003	.003	32.85	27	887	10541	-1.077	.141	.141
456	67.00	1	67	61	1.422	.922	.078	67.00	1	67	61	1.422	.922	.078
457	11.00	31	341	6693	2.568	.995	.005	16.24	21	341	4719	2.524	.994	.006
458	7.77	801	6,223	2440748	-1.014	.155	.155	11.27	552	6,223	1734169	.394	.653	.347
459	14.19	79	1,121	43296	-.342	.366	.366	18.68	60	1,121	32171	-.582	.280	.280
460	11.01	2,974	32,732	50324874	3.207	.999	.001	16.60	1,972	32,732	32682337	.974	.835	.165
461	13.62	2,260	30,785	34915510	.304	.619	.381	22.37	1,376	30,785	21254757	.227	.590	.410
462	10.76	1,649	17,740	15018092	1.882	.970	.030	17.22	1,030	17,740	9360977	1.368	.914	.086
463	9.86	758	7,477	2908149	1.251	.895	.105	15.61	479	7,477	1816422	.544	.707	.293
464	9.68	2,324	22,500	26536141	1.249	.894	.106	15.17	1,483	22,500	17141085	1.828	.966	.034
465	10.51	187	1,966	168406	-1.986	.024	.024	14.78	133	1,966	118440	-1.879	.030	.030
466	8.23	3,186	26,233	42908445	2.619	.996	.004	12.32	2,129	26,233	28449166	1.500	.933	.067
467	22.30	496	11,063	3191857	6.302	0	0	41.43	267	11,063	1733019	4.908	1.000	0
468	10.79	92	993	38814	-2.497	.006	.006	14.60	68	993	26980	-2.869	.002	.002

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
469	8.04	1,221	9,821	6169438	1.754	.960	.040	12.10	812	9,821	3967303	-.248	.402	.402
470	15.17	6	91	196	-1.197	.116	.116	18.20	5	91	147	-1.370	.085	.085
471	10.35	1,293	13,388	8751613	.693	.756	.244	16.84	795	13,388	5331388	.089	.535	.465
472	8.85	381	3,372	648835	.341	.633	.367	12.09	279	3,372	473126	.168	.567	.433
473	11.58	1,660	19,226	16341290	1.697	.955	.045	17.59	1,093	19,226	11030325	2.852	.998	.002
474	12.28	2,050	25,176	26160634	1.080	.860	.140	19.53	1,289	25,176	16385967	.613	.730	.270
475	11.06	2,891	31,959	47377798	2.381	.991	.009	17.68	1,808	31,959	30157112	3.228	.999	.001
476	11.50	1,586	18,237	14514468	.251	.599	.401	16.13	1,131	18,237	10731690	2.365	.991	.009
477	12.14	346	4,201	743014	.720	.764	.236	20.20	208	4,201	457896	1.200	.885	.115
478	11.08	2,082	23,063	24662052	2.151	.984	.016	17.17	1,343	23,063	16047375	2.298	.989	.011
479	10.42	172	1,792	146439	-1.131	.129	.129	14.57	123	1,792	105732	-.780	.218	.218
480	12.55	453	5,684	1318533	.891	.813	.187	19.33	294	5,684	890513	1.954	.975	.025
481	8.23	1,538	12,650	9637568	-.630	.264	.264	12.53	1,010	12,650	6400313	.104	.541	.459
482	10.60	350	3,709	634842	-.711	.239	.239	16.34	227	3,709	406600	-.891	.187	.187
483	9.56	332	3,174	551943	1.501	.933	.067	14.49	219	3,174	366970	1.432	.924	.076
484	10.94	250	2,736	330297	-.937	.174	.174	18.87	145	2,736	199000	.067	.527	.473
485	15.42	55	848	21393	-1.061	.144	.144	22.92	37	848	12997	-1.807	.035	.035
486	11.59	3,001	34,779	53134982	1.726	.958	.042	18.49	1,881	34,779	33323900	1.411	.921	.079
487	11.32	926	10,484	4782043	-.782	.217	.217	17.62	595	10,484	3015634	-1.400	.081	.081
488	24.40	1,153	28,138	16165351	-.204	.419	.419	44.59	631	28,138	8805519	-.353	.362	.362
489	10.25	1,134	11,627	6583550	-.079	.468	.468	15.99	727	11,627	4327476	1.117	.868	.132
490	10.47	745	7,802	3003158	1.577	.943	.057	16.32	478	7,802	1922421	1.173	.879	.121
491	8.66	1,475	12,770	9913831	3.503	1.000	0	13.14	972	12,770	6422892	1.885	.970	.030
492	10.65	2,355	25,088	30287564	2.124	.983	.017	16.58	1,513	25,088	19786524	2.866	.998	.002
493	9.06	3,938	35,661	72414439	3.402	1.000	0	13.71	2,602	35,661	47765696	2.610	.995	.005
494	8.99	474	4,263	1067186	2.122	.983	.017	13.80	309	4,263	690973	1.495	.933	.067
495	7.58	2,683	20,344	29257933	6.464	0	0	11.17	1,821	20,344	19880366	5.415	0	0
496	15.70	1,373	21,557	14906539	.467	.680	.320	27.92	772	21,557	8333320	.071	.528	.472
497	31.35	26	815	11044	.374	.646	.354	101.88	8	815	3938	1.019	.846	.154
498	9.71	1,963	19,069	19204355	2.001	.977	.023	14.85	1,284	19,069	12802880	2.842	.998	.002
499	14.35	1,237	17,748	11363175	2.142	.984	.016	23.14	767	17,748	6988378	1.283	.900	.100
500	11.56	100	1,156	58406	.182	.572	.428	20.28	57	1,156	31937	-.401	.344	.344
501	14.48	353	5,112	904377	.076	.530	.470	19.44	263	5,112	671451	-.033	.487	.487
502	8.58	3,563	30,570	55416516	1.815	.965	.035	12.64	2,418	30,570	37850618	2.054	.980	.020
503	17.69	346	6,120	1019994	-1.180	.119	.119	29.71	206	6,120	604269	-1.029	.152	.152
504	20.58	179	3,683	303773	-1.818	.035	.035	36.47	101	3,683	184115	-.176	.430	.430
505	14.47	74	1,071	35475	-1.561	.059	.059	23.28	46	1,071	20699	-1.876	.030	.030
506	9.83	3,804	37,401	71908857	1.160	.877	.123	15.55	2,406	37,401	45846536	1.611	.946	.054
507	7.89	177	1,396	136691	2.452	.993	.007	10.66	131	1,396	101798	2.246	.988	.012
508	12.49	1,272	15,882	10179558	.481	.685	.315	19.20	827	15,882	6603455	.275	.608	.392
509	14.79	1,726	25,519	22482975	1.503	.934	.066	23.94	1,066	25,519	13714334	.469	.680	.320
510	16.02	131	2,098	137216	-.029	.488	.488	25.28	83	2,098	79246	-1.418	.078	.078
511	8.03	2,315	18,591	21426495	-.359	.360	.360	12.04	1,544	18,591	14959989	2.882	.998	.002
512	14.04	2,246	31,532	35114112	-.687	.246	.246	23.02	1,370	31,532	21491225	-.321	.374	.374
513	13.14	1,622	21,306	17814535	2.161	.985	.015	21.26	1,002	21,306	11104865	2.212	.987	.014
514	19.00	2	38	67	1.869	.969	.031	--	--	--	--	--	--	--
515	17.22	934	16,084	7465990	-.319	.375	.375	30.29	531	16,084	4137639	-1.240	.108	.108
516	20.84	132	2,751	172123	-1.035	.150	.150	39.30	70	2,751	92656	-.546	.293	.293
517	16.56	1,181	19,560	11616014	0.339	.633	.367	31.35	624	19,560	6251553	1.055	.854	.146
518	13.47	2,723	36,688	50120983	.308	.621	.379	23.06	1,591	36,688	28647651	-1.273	.102	.102
519	14.75	523	7,716	1982657	-.689	.246	.246	23.45	329	7,716	1243286	-.643	.260	.260
520	12.41	54	670	18932	.592	.723	.277	19.71	34	670	11836	.396	.654	.346

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
521	9.09	1,960	17,822	17705303	1.053	.854	.146	13.06	1,365	17,822	12283966	.634	.737	.263
522	13.86	534	7,402	1983048	.136	.554	.446	20.62	359	7,402	1430139	2.507	.994	.006
523	13.99	272	3,804	556905	2.184	.986	.014	22.38	170	3,804	353442	2.102	.982	.018
524	25.37	96	2,435	107801	-1.318	.094	.094	51.81	47	2,435	60003	.577	.718	.282
525	--	--	--	--	--	--	--	--	--	--	--	--	--	--
526	16.14	2,018	32,561	33480753	1.484	.931	.069	26.93	1,209	32,561	20253162	1.744	.959	.041
527	7.34	1,185	8,692	5193629	.505	.693	.307	10.55	824	8,692	3669381	1.226	.890	.110
528	7.26	435	3,157	692247	.295	.616	.384	9.90	319	3,157	517444	.854	.803	.197
529	9.68	1,197	11,583	7258866	2.822	.998	.002	14.09	822	11,583	5038446	2.898	.998	.002
530	8.24	4,140	34,124	72401913	2.785	.997	.003	11.82	2,886	34,124	50625973	2.617	.996	.004
531	12.07	527	6,363	1698358	.515	.697	.303	17.11	372	6,363	1237139	1.514	.935	.065
532	11.38	3,168	36,056	57706945	1.014	.845	.155	17.83	2,022	36,056	37256561	1.718	.957	.043
533	16.91	1,523	25,757	19523054	-.313	.377	.377	31.30	823	25,757	10455840	-.671	.251	.251
534	15.41	64	986	29246	-1.013	.156	.156	29.00	34	986	17340	.348	.636	.364
535	10.63	3,946	41,954	84085122	1.722	.957	.043	16.62	2,525	41,954	52551805	-.682	.248	.248
536	11.62	13	151	926	-.353	.362	.362	16.78	9	151	481	-1.518	.065	.065
537	10.95	2,910	31,864	47388318	2.068	.981	.019	17.43	1,828	31,864	29614929	1.249	.894	.106
538	19.57	117	2,290	133900	-.009	.496	.496	32.25	71	2,290	79754	-.277	.391	.391
539	13.62	1,448	19,726	14455306	.802	.789	.211	22.60	873	19,726	8758190	.878	.810	.190
540	11.49	145	1,666	131448	1.841	.967	.033	17.35	96	1,666	92989	2.763	.997	.003
541	10.09	3,471	35,035	61969705	1.958	.975	.025	15.45	2,267	35,035	40166817	.944	.827	.173
542	21.53	55	1,184	24949	-3.003	.001	.001	29.60	40	1,184	19400	-1.980	.024	.024
543	16.68	502	8,373	2110672	.167	.566	.434	28.19	297	8,373	1261587	.437	.669	.331
544	13.04	2,250	29,330	33132548	.339	.633	.367	21.13	1,388	29,330	20016145	-1.074	.141	.141
545	13.27	633	8,397	2597309	-.989	.161	.161	22.16	379	8,397	1547786	-.921	.179	.179
546	8.26	3,802	31,403	60793115	1.961	.975	.025	12.32	2,549	31,403	41015073	2.167	.985	.015
547	13.60	1,298	17,650	11483862	.158	.563	.437	21.66	815	17,650	7119349	-.502	.308	.308
548	7.59	1,727	13,112	11416490	.599	.725	.275	11.54	1,136	13,112	7583955	1.069	.857	.143
549	29.30	30	879	13096	-.064	.474	.474	73.25	12	879	5427	.174	.569	.431
550	10.48	80	838	33012	-.235	.407	.407	16.76	50	838	23224	1.329	.908	.092
551	10.10	543	5,486	1573600	2.280	.989	.011	15.95	344	5,486	982543	1.326	.908	.092
552	8.73	2,242	19,567	22923883	3.699	1.000	0	13.49	1,451	19,567	15039497	3.921	1.000	0
553	10.86	14	152	1143	.481	.685	.315	16.89	9	152	763	.600	.726	.274
554	8.19	1,454	11,901	8717772	.502	.692	.308	12.33	965	11,901	5789067	.439	.670	.330
555	7.74	19	147	1357	-.214	.415	.415	14.70	10	147	748	.097	.539	.461
556	7.87	2,541	19,994	26322771	3.164	.999	.001	11.62	1,721	19,994	17943899	3.087	.999	.001
557	7.83	35	274	4816	.045	.518	.482	10.54	26	274	3722	.397	.654	.346
558	10.44	204	2,129	209291	-.896	.185	.185	15.21	140	2,129	149309	.038	.515	.485
559	8.72	67	584	20341	.563	.713	.287	14.60	40	584	11669	-.010	.496	.496
560	7.87	31	244	4263	1.227	.890	.110	12.20	20	244	2746	.971	.834	.166
561	7.76	2,293	17,792	20974668	2.343	.990	.010	11.74	1,515	17,792	13898292	2.105	.982	.018
562	8.04	2,574	20,691	27172240	1.792	.963	.037	12.07	1,715	20,691	18263324	2.105	.982	.018
563	8.12	2,081	16,893	18259683	3.068	.999	.001	12.33	1,370	16,893	12544699	5.391	0	0
564	8.34	2,277	18,979	22675167	4.084	1.000	0	12.70	1,494	18,979	15009491	3.930	1.000	0
565	7.99	613	4,897	1538862	1.084	.861	.139	11.21	437	4,897	1097849	.943	.827	.173
566	7.96	1,881	14,981	14155922	.353	.638	.362	12.03	1,245	14,981	9528127	1.327	.908	.092
567	12.31	714	8,792	3604488	6.868	0	0	20.12	437	8,792	2315732	7.439	0	0
568	7.86	2,011	15,815	16356093	2.218	.987	.013	11.87	1,332	15,815	10883214	2.103	.982	.018
569	8.92	1,034	9,218	4734852	-0.361	.359	.359	13.74	671	9,218	3123490	0.448	.673	.327
570	7.36	494	3,637	896195	-.092	.463	.463	10.19	357	3,637	654609	.272	.607	.393
571	8.44	2,148	18,133	20157093	2.812	.998	.002	12.39	1,463	18,133	14068822	4.018	1.000	0
572	11.28	1,132	12,769	7319074	.740	.770	.230	17.59	726	12,769	4584988	-.505	.307	.307

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
573	18.88	267	5,041	680425	.313	.623	.377	30.74	164	5,041	412263	-.059	.476	.476
574	7.88	1,417	11,163	7908486	-.004	.498	.498	12.20	915	11,163	5122146	.155	.561	.439
575	15.33	1,142	17,501	9644311	-2.043	.021	.021	21.88	800	17,501	6745228	-1.786	.037	.037
576	12.10	299	3,617	565895	1.393	.918	.082	18.94	191	3,617	356700	.781	.783	.217
577	12.65	1,468	18,568	14210735	2.833	.998	.002	19.59	948	18,568	9166233	2.212	.987	.014
578	8.15	2,471	20,145	25480011	2.044	.980	.020	12.38	1,627	20,145	17089852	2.992	.999	.001
579	10.13	1,391	14,090	10012296	1.402	.920	.080	16.56	851	14,090	6258105	2.215	.987	.013
580	9.13	8	73	311	.319	.625	.375	14.60	5	73	166	-.350	.363	.363
581	7.31	324	2,368	367557	-1.305	.096	.096	10.67	222	2,368	254592	-.811	.209	.209
582	12.33	1,500	18,495	14363857	2.382	.991	.009	18.82	983	18,495	9335727	1.466	.929	.071
583	27.76	583	16,182	5022639	2.709	.997	.003	47.59	340	16,182	3004255	2.941	.998	.002
584	7.87	31	244	3632	-.383	.351	.351	13.56	18	244	2059	-.458	.323	.323
585	12.43	1,056	13,130	7141614	1.697	.955	.045	20.78	632	13,130	4241719	.972	.834	.166
586	137.33	3	412	430	-.913	.181	.181	412.00	1	412	134	-.605	.273	.273
587	12.46	293	3,651	526810	-.447	.328	.328	18.07	202	3,651	367173	-.105	.458	.458
588	12.50	684	8,550	2822231	-1.578	.057	.057	19.30	443	8,550	1811480	-1.585	.056	.056
589	8.94	733	6,553	2494131	1.805	.964	.036	14.12	464	6,553	1597483	1.894	.971	.029
590	7.87	47	370	10041	1.838	.967	.033	9.49	39	370	8680	2.196	.986	.014
591	8.80	415	3,653	756512	-.069	.472	.472	12.73	287	3,653	530267	.339	.633	.367
592	11.24	1,965	22,076	21991164	1.067	.857	.143	17.93	1,231	22,076	13896575	1.381	.916	.084
593	8.46	1,834	15,514	14865018	3.330	1.000	0	12.22	1,270	15,514	10293157	2.768	.997	.003
594	8.40	699	5,874	2099416	1.036	.850	.150	12.58	467	5,874	1397359	.704	.759	.241
595	13.35	691	9,226	3278753	1.302	.904	.096	20.83	443	9,226	2121698	1.394	.918	.082
596	10.36	2,481	25,710	32642538	2.027	.979	.021	15.73	1,634	25,710	21341320	1.121	.869	.131
597	7.37	2,790	20,570	29279299	1.862	.969	.031	10.62	1,937	20,570	20205043	1.083	.861	.139
598	7.27	144	1,047	63500	-3.277	.001	.001	9.79	107	1,047	47902	-2.595	.005	.005
599	13.96	1,268	17,699	11653646	2.377	.991	.009	23.23	762	17,699	6850632	.761	.777	.223
600	10.69	1,828	19,532	18694523	3.494	1.000	0	16.13	1,211	19,532	12258748	2.202	.986	.014
601	7.69	4,201	32,319	68413511	.872	.808	.192	11.74	2,754	32,319	44708109	.418	.662	.338
602	9.51	1,617	15,379	12760182	1.828	.966	.034	14.44	1,065	15,379	8198492	.063	.525	.475
603	8.78	709	6,226	2237301	.631	.736	.264	13.00	479	6,226	1545404	1.380	.916	.084
604	10.59	1,159	12,277	7233532	.986	.838	.162	16.39	749	12,277	4719067	1.251	.894	.106
605	14.38	432	6,210	1390111	1.308	.905	.095	26.09	238	6,210	772566	1.214	.888	.112
606	16.10	327	5,266	864802	.139	.555	.445	28.01	188	5,266	497825	.135	.554	.446
607	15.96	244	3,895	485185	.569	.715	.285	26.50	147	3,895	284847	-.105	.458	.458
608	14.28	1,482	21,162	16229354	2.332	.990	.010	22.71	932	21,162	10022899	.866	.807	.193
609	30.16	96	2,895	122987	-1.951	.026	.026	53.61	54	2,895	65426	-2.074	.019	.019
610	13.88	2,196	30,487	32201726	-3.087	.001	.001	22.09	1,380	30,487	20048750	-3.020	.001	.001
611	15.60	527	8,219	2237260	1.314	.905	.095	26.09	315	8,219	1347095	1.249	.894	.106
612	16.56	218	3,610	400975	.487	.687	.313	25.97	139	3,610	266504	1.270	.898	.102
613	15.66	44	689	14407	-.569	.285	.285	18.62	37	689	11492	-1.037	.150	.150
614	18.13	185	3,354	295403	-1.127	.130	.130	27.27	123	3,354	181777	-2.281	.011	.011
615	15.25	4	61	134	.341	.633	.367	30.50	2	61	64	.121	.548	.452
616	15.02	125	1,878	115647	-.285	.388	.388	21.10	89	1,878	86879	.647	.741	.259
617	8.01	219	1,753	167927	-3.208	.001	.001	11.17	157	1,753	119512	-2.854	.002	.002
618	7.78	2,655	20,642	28108673	2.301	.989	.011	11.44	1,804	20,642	19410677	3.128	.999	.001
619	12.04	2,363	28,443	32780271	-2.067	.019	.019	19.10	1,489	28,443	20715344	-1.453	.073	.073
620	13.67	51	697	19798	1.409	.921	.079	19.36	36	697	14817	1.881	.970	.030
621	9.21	1,791	16,498	15445910	3.334	1.000	0	14.65	1,126	16,498	9832430	3.404	1.000	0
622	9.25	3,914	36,185	69576118	-1.894	.029	.029	13.73	2,635	36,185	47297473	-.702	.242	.242
623	11.28	653	7,364	2442168	.696	.757	.243	18.09	407	7,364	1520463	.510	.695	.305
624	9.97	195	1,944	177131	-1.584	.057	.057	14.62	133	1,944	119828	-1.460	.072	.072

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
625	12.27	812	9,960	4320862	3.382	1.000	0	19.04	523	9,960	2798800	2.954	.998	.002
626	10.90	993	10,827	5371124	-.046	.482	.482	16.14	671	10,827	3610622	-.270	.394	.394
627	22.78	519	11,821	3283419	2.777	.997	.003	48.25	245	11,821	1571694	2.314	.990	.010
628	19.32	259	5,003	577015	-3.049	.001	.001	40.35	124	5,003	244218	-4.102	0	0
629	12.24	2,162	26,452	28651776	.161	.564	.436	20.36	1,299	26,452	17046237	-.488	.313	.313
630	11.58	857	9,923	4188069	-.762	.223	.223	19.05	521	9,923	2607778	.349	.637	.363
631	11.57	942	10,894	5333907	2.101	.982	.018	18.13	601	10,894	3292484	.244	.597	.403
632	10.23	778	7,960	3160297	.996	.840	.160	15.98	498	7,960	2013579	.615	.731	.269
633	9.62	177	1,702	145379	-.803	.211	.211	14.42	118	1,702	100420	0	.500	.500
634	13.81	21	290	2960	-.222	.412	.412	24.17	12	290	1737	-.010	.496	.496
635	14.20	1,891	26,842	26037914	1.955	.975	.025	21.75	1,234	26,842	16626291	.238	.594	.406
636	7.11	2,919	20,742	30075203	-.611	.271	.271	10.78	1,924	20,742	20288204	1.273	.898	.102
637	17.35	1,407	24,410	17999159	3.128	.999	.001	27.93	874	24,410	11138424	2.262	.988	.012
638	14.18	784	11,115	4441487	.940	.826	.174	23.25	478	11,115	2783608	1.812	.965	.035
639	10.55	495	5,224	1335987	1.283	.900	.100	16.22	322	5,224	879698	1.428	.923	.077
640	7.11	825	5,865	2510236	1.870	.969	.031	10.64	551	5,865	1699225	2.099	.982	.018
641	15.95	75	1196	42419	-.813	.208	.208	27.18	44	1,196	25589	-.316	.376	.376
642	12.70	23	292	3488	.322	.626	.374	24.33	12	292	2056	1.041	.851	.149
643	9.72	3,381	32,853	57107517	2.846	.998	.002	15.37	2,138	32,853	36469162	3.077	.999	.001
644	20.27	122	2,473	157866	.889	.813	.187	32.54	76	2,473	102185	1.319	.906	.094
645	17.03	1,611	27,442	22140552	.113	.545	.455	28.26	971	27,442	13636277	1.269	.898	.102
646	34.18	606	20,715	6381510	.712	.762	.238	71.43	290	20,715	3153559	1.472	.929	.071
647	11.93	76	907	38421	1.733	.958	.042	19.30	47	907	23996	1.494	.932	.068
648	15.18	126	1,913	106277	-2.298	.011	.011	22.24	86	1,913	79537	-.532	.298	.298
649	25.77	317	8,170	1204469	-2.155	.016	.016	51.38	159	8,170	592696	-1.911	.028	.028
650	12.99	1,108	14,391	7901356	-.515	.303	.303	21.13	681	14,391	4870792	-.271	.393	.393
651	18.08	155	2,802	221681	.449	.673	.327	36.39	77	2,802	106419	-.205	.419	.419
652	15.96	50	798	20353	.247	.598	.402	21.00	38	798	15800	.449	.673	.327
653	10.72	101	1,083	56501	.576	.718	.282	14.84	73	1,083	42423	1.083	.861	.139
654	16.67	621	10,351	3335884	1.637	.949	.051	27.31	379	10,351	2066760	1.809	.965	.035
655	12.12	236	2,861	328043	-.753	.226	.226	18.58	154	2,861	207730	-1.226	.110	.110
656	8.37	567	4,743	1337837	-.209	.417	.417	12.72	373	4,743	881982	-.098	.461	.461
657	13.21	878	11,595	5142292	.525	.700	.300	22.56	514	11,595	3053714	.973	.835	.165
658	13.84	414	5,729	1240742	1.630	.948	.052	21.70	264	5,729	765671	.351	.637	.363
659	11.33	245	2,776	325068	-1.195	.116	.116	17.91	155	2,776	205365	-.980	.164	.164
660	8.64	556	4,805	1373717	1.160	.877	.123	12.92	372	4,805	932412	1.446	.926	.074
661	8.48	334	2,832	488256	1.025	.847	.153	12.37	229	2,832	328209	.319	.625	.375
662	12.86	427	5,490	1193062	.640	.739	.261	19.96	275	5,490	802324	1.805	.964	.036
663	17.89	1,824	32,622	29713720	-.093	.463	.463	31.25	1,044	32,622	17283379	.837	.799	.201
664	11.59	3,199	37,084	60706657	2.297	.989	.011	18.49	2,006	37,084	37691502	1.035	.850	.150
665	23.24	810	18,826	7357442	-1.727	.042	.042	38.19	493	18,826	4590034	-.419	.338	.338
666	25.98	50	1,299	34859	.899	.816	.184	44.79	29	1,299	21270	1.206	.886	.114
667	18.04	759	13,689	5024482	-1.566	.059	.059	27.99	489	13,689	3147495	-2.283	.011	.011
668	23.81	326	7,761	1279152	.349	.636	.364	40.42	192	7,761	764813	.636	.738	.262
669	7.93	716	5,676	2054598	.515	.697	.303	11.68	486	5,676	1414802	.984	.837	.163
670	13.51	628	8,485	2644110	-.329	.371	.371	22.39	379	8,485	1555000	-1.110	.134	.134
671	9.40	1,999	18,797	19574729	3.244	.999	.001	14.37	1,308	18,797	12823168	2.700	.997	.003
672	13.75	1,407	19,344	13795246	.892	.814	.186	21.74	890	19,344	8808878	1.205	.886	.114
673	14.77	371	5,481	1051344	1.136	.872	.128	23.42	234	5,481	672696	1.298	.903	.097
674	13.24	135	1,788	120869	.030	.512	.488	16.71	107	1,788	91380	-.801	.212	.212
675	13.66	194	2,649	257025	.007	.503	.497	22.64	117	2,649	152050	-.353	.362	.362
676	11.87	280	3,324	404840	-3.769	0	0	17.68	188	3,324	274136	-2.913	.002	.002

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
677	17.68	1,162	20,545	11890990	-.226	.411	.411	30.94	664	20,545	6746562	-.487	.313	.313
678	9.24	17	157	1566	1.239	.892	.108	17.44	9	157	668	-.283	.388	.388
679	16.66	1,358	22,630	15509607	.598	.725	.275	30.50	742	22,630	8413495	.100	.540	.460
680	11.75	371	4,360	821875	.540	.705	.295	18.24	239	4,360	534728	.705	.759	.241
681	10.22	82	838	34578	.100	.540	.460	12.32	68	838	27244	-.626	.266	.266
682	11.57	440	5,092	1114366	-.191	.424	.424	18.58	274	5,092	702254	.191	.576	.424
683	9.71	1,257	12,199	7731544	.516	.697	.303	14.79	825	12,199	5177722	1.440	.925	.075
684	10.21	1,520	15,522	12223894	2.445	.993	.007	16.07	966	15,522	7774115	1.989	.977	.023
685	7.42	4,746	35,218	85682145	3.012	.999	.001	11.27	3,126	35,218	56907194	3.275	.999	.001
686	11.67	501	5,847	1542610	2.063	.980	.020	17.61	332	5,847	1031623	1.984	.976	.024
687	14.20	109	1,548	82549	-.390	.348	.348	18.88	82	1,548	61498	-.487	.313	.313
688	10.06	446	4,487	1037105	1.335	.909	.091	13.64	329	4,487	740111	.085	.534	.466
689	9.44	625	5,899	1857185	.323	.627	.373	14.35	411	5,899	1266709	1.578	.943	.057
690	8.37	1,496	12,527	9118300	-1.801	.036	.036	12.67	989	12,527	6056181	-1.217	.112	.112
691	7.61	2,408	18,319	22469042	1.591	.944	.056	11.02	1,663	18,319	15926971	3.222	.999	.001
692	11.97	1,570	18,792	14378022	-1.739	.041	.041	17.85	1,053	18,792	10097126	1.154	.876	.124
693	14.41	1,330	19,163	13263315	2.577	.995	.005	26.04	736	19,163	7339138	1.913	.972	.028
694	10.36	705	7,301	2610731	.664	.746	.254	15.67	466	7,301	1765630	1.418	.922	.078
695	18.04	750	13,531	5028803	-.424	.336	.336	32.61	415	13,531	2723525	-1.058	.145	.145
696	16.50	777	12,822	4980127	-.012	.495	.495	30.53	420	12,822	2709040	.217	.586	.414
697	7.71	3,060	23,585	36567957	1.282	.900	.100	11.59	2,035	23,585	24813108	2.655	.996	.004
698	12.90	2,908	37,526	56767236	3.774	1.000	0	21.04	1,784	37,526	34744242	2.778	.997	.003
699	11.47	138	1,583	116511	1.357	.913	.087	18.20	87	1,583	73277	1.036	.850	.150
700	11.11	1,770	19,662	18163120	3.192	.999	.001	17.13	1,148	19,662	12101346	4.240	1.000	0
701	10.36	173	1,793	148825	-.921	.179	.179	14.70	122	1,793	110188	.143	.557	.443
702	17.07	71	1,212	35911	-2.413	.008	.008	28.86	42	1,212	20119	-2.352	.009	.009
703	12.11	390	4,722	933701	.480	.684	.316	17.75	266	4,722	647835	.891	.813	.187
704	16.96	25	424	4862	-.716	.237	.237	28.27	15	424	2692	-1.029	.152	.152
705	8.76	1,466	12,843	9773286	2.532	.994	.006	13.49	952	12,843	6283918	1.492	.932	.068
706	7.92	4,533	35,879	82786121	2.103	.982	.018	11.63	3,085	35,879	56634010	2.244	.988	.012
707	7.74	1,202	9,308	5710706	1.252	.895	.105	11.19	832	9,308	4051330	2.312	.990	.010
708	19.38	834	16,163	7022583	2.097	.982	.018	34.03	475	16,163	3950141	1.096	.863	.137
709	14.75	4	59	175	1.673	.953	.047	--	--	--	--	--	--	--
710	16.64	72	1,198	39297	-1.306	.096	.096	29.95	40	1,198	23196	-.349	.363	.363
711	16.49	899	14,820	6860903	1.554	.940	.060	26.37	562	14,820	4391562	2.240	.987	.013
712	19.16	70	1,341	47606	.207	.582	.418	30.48	44	1,341	27044	-.957	.169	.169
713	8.48	1,197	10,153	6306833	2.271	.988	.012	12.55	809	10,153	4277612	2.048	.980	.020
714	26.07	14	365	1609	-2.400	.008	.008	45.63	8	365	690	-2.584	.005	.005
715	17.38	84	1,460	63055	.449	.673	.327	29.20	50	1,460	34446	-.689	.245	.245
716	18.80	336	6,316	1098780	1.128	.870	.130	35.29	179	6,316	557320	-.326	.372	.372
717	16.92	1,959	33,144	32161943	-.715	.238	.238	31.66	1,047	33,144	17136494	-.693	.244	.244
718	7.62	904	6,885	3089589	-.375	.354	.354	10.54	653	6,885	2235437	-.246	.403	.403
719	7.51	581	4,364	1223720	-1.450	.074	.074	10.42	419	4,364	871348	-1.664	.048	.048
720	8.10	4,105	33,230	69121389	1.492	.932	.068	12.45	2,669	33,230	43994009	-.709	.239	.239
721	10.74	3,395	36,455	62710938	1.351	.912	.088	17.09	2,133	36,455	39951396	2.206	.986	.014
722	10.35	156	1,614	139425	2.326	.990	.010	14.67	110	1,614	94089	1.089	.862	.138
723	6.76	333	2,252	377866	.245	.597	.403	9.97	226	2,252	256790	.237	.594	.406
724	12.82	714	9,151	3371494	1.482	.931	.069	20.61	444	9,151	2103332	1.290	.901	.099
725	13.82	663	9,162	3072791	0.523	.699	.301	21.76	421	9,162	2027135	1.816	.965	.035
726	10.31	113	1,165	64994	-.232	.408	.408	18.20	64	1,165	37508	.085	.534	.466
727	8.58	2,945	25,281	37543483	.801	.788	.212	13.15	1,923	25,281	24406359	.308	.621	.379
728	8.30	1,242	10,305	6716997	3.029	.999	.001	12.37	833	10,305	4568859	3.224	.999	.001

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
729	11.88	543	6,453	1780479	.656	.744	.256	18.70	345	6,453	1168833	1.610	.946	.054
730	13.00	1	13	6	-.133	.447	.447	13.00	1	13	6	-.133	.447	.447
731	11.35	551	6,252	1736723	.338	.632	.368	15.40	406	6,252	1243900	-.695	.244	.244
732	12.82	532	6,819	1731496	-1.814	.035	.035	21.51	317	6,819	1045734	-1.001	.159	.159
733	26.46	13	344	2529	.818	.793	.207	49.14	7	344	1576	1.416	.922	.078
734	20.55	1,122	23,057	12166769	-3.446	0	0	37.13	621	23,057	6699801	-2.770	.003	.003
735	15.11	131	1,979	115843	-2.108	.018	.018	29.10	68	1,979	56863	-2.213	.013	.013
736	13.06	620	8,096	2625192	1.984	.976	.024	20.44	396	8,096	1701881	2.126	.983	.017
737	25.45	104	2,647	147077	1.211	.887	.113	54.02	49	2,647	71429	1.230	.891	.109
738	19.34	741	14,333	5390606	.712	.762	.238	39.93	359	14,333	2699143	1.612	.947	.054
739	22.46	222	4,987	524243	-1.367	.086	.086	44.53	112	4,987	238069	-2.704	.003	.003
740	17.29	56	968	28830	.825	.795	.205	33.38	29	968	12768	-.843	.200	.200
741	15.78	9	142	542	-.789	.215	.215	20.29	7	142	508	.101	.540	.460
742	9.75	2,714	26,466	36179510	.666	.747	.253	15.32	1,728	26,466	23481431	1.936	.974	.026
743	7.78	4,294	33,395	72672082	1.540	.938	.062	11.39	2,933	33,395	49936576	1.844	.967	.033
744	14.07	450	6,333	1450179	.651	.742	.258	24.74	256	6,333	827032	.561	.713	.287
745	11.64	769	8,954	3531808	1.242	.893	.107	17.66	507	8,954	2334324	1.108	.866	.134
746	12.93	1,590	20,552	17079797	3.132	.999	.001	20.68	994	20,552	10909280	3.715	1.000	0
747	14.97	1,307	19,569	13256751	2.294	.989	.011	26.59	736	19,569	7517058	2.060	.980	.020
748	10.38	3,173	32,946	53894649	3.035	.999	.001	15.48	2,128	32,946	35139584	.194	.577	.423
749	11.88	1,143	13,573	7201561	-4.193	0	0	18.62	729	13,573	4500147	-4.227	0	0
750	7.79	2,386	18,579	21988371	-.673	.250	.250	11.20	1,659	18,579	15608768	.904	.817	.183
751	10.06	758	7,628	2853514	-.619	.268	.268	15.57	490	7,628	1864812	-.083	.467	.467
752	29.66	41	1,216	24753	-.078	.469	.469	71.53	17	1,216	10686	.242	.596	.404
753	10.64	191	2,033	203039	1.096	.863	.137	15.17	134	2,033	144632	1.240	.892	.108
754	7.62	338	2,575	394465	-2.979	.001	.001	11.34	227	2,575	272494	-1.765	.039	.039
755	17.67	1,217	21,499	13113325	.144	.557	.443	30.03	716	21,499	7708194	.070	.528	.472
756	64.00	1	64	17	-.812	.209	.209	64.00	1	64	17	-.812	.209	.209
757	16.65	351	5,844	1073596	1.518	.935	.065	27.06	216	5,844	647874	.674	.750	.250
758	9.56	3,383	32,344	56229822	2.799	.997	.003	14.52	2,228	32,344	36764242	1.663	.952	.048
759	12.68	1,214	15,392	9587696	1.581	.943	.057	21.90	703	15,392	5686612	2.346	.991	.010
760	17.20	1,241	21,345	13487352	1.119	.868	.132	29.24	730	21,345	8016377	1.354	.912	.088
761	16.48	821	13,531	5586561	.287	.613	.387	28.43	476	13,531	3188238	-.377	.353	.353
762	23.88	1,059	25,291	13454526	.265	.604	.396	42.87	590	25,291	7427365	-.189	.425	.425
763	14.44	82	1,184	40681	-2.541	.006	.006	17.94	66	1,184	34204	-1.753	.040	.040
764	10.70	3,065	32,783	51093162	1.629	.948	.052	16.57	1,979	32,783	32938154	1.186	.882	.118
765	11.16	1,093	12,195	6661742	-.024	.490	.490	18.12	673	12,195	4139086	.388	.651	.349
766	10.83	247	2,674	302537	-2.284	.011	.011	15.82	169	2,674	196673	-2.918	.002	.002
767	14.39	2,307	33,202	38401907	.225	.589	.411	24.43	1,359	33,202	22235774	-.920	.179	.179
768	14.66	2,314	33,925	39465593	.455	.675	.325	23.96	1,416	33,925	24112633	.254	.600	.400
769	16.94	125	2,118	116863	-2.269	.012	.012	24.92	85	2,118	81269	-1.552	.060	.060
770	34.92	233	8,136	987103	1.095	.863	.137	67.80	120	8,136	518077	1.163	.877	.123
771	16.51	225	3,714	416763	-.066	.474	.474	26.34	141	3,714	261722	-.009	.496	.496
772	14.08	13	183	1038	-.795	.213	.213	16.64	11	183	874	-.756	.225	.225
773	18.46	28	517	6506	-.927	.177	.177	30.41	17	517	3871	-.851	.198	.198
774	15.37	2,008	30,870	30764239	-.574	.283	.283	25.51	1,210	30,870	18744183	.219	.587	.413
775	13.82	22	304	3567	.542	.706	.294	19.00	16	304	2752	.912	.819	.181
776	10.71	655	7,015	2306910	.183	.573	.427	15.18	462	7,015	1698062	1.783	.963	.037
777	11.75	583	6,852	1890077	-2.246	.012	.012	16.92	405	6,852	1383772	-0.094	.462	.462
778	16.41	594	9,749	2648854	-3.595	0	0	31.96	305	9,749	1287111	-4.061	0	0
779	16.55	967	16,007	8169378	2.993	.999	.001	27.65	579	16,007	5051786	3.757	1.000	0
780	9.63	3,588	34,558	63614594	2.707	.997	.003	14.41	2,399	34,558	43390285	3.966	1.000	0

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
781	13.70	2,526	34,614	43558220	-.317	.376	.376	23.91	1,448	34,614	24587111	-1.245	.107	.107
782	8.01	1,161	9,303	5512121	1.221	.889	.111	11.84	786	9,303	3775776	1.590	.944	.056
783	18.48	79	1,460	47073	-2.829	.002	.002	27.04	54	1,460	30596	-2.849	.002	.002
784	21.17	223	4,721	463590	-3.086	.001	.001	33.96	139	4,721	304665	-1.459	.072	.072
785	22.06	865	19,079	8291989	.249	.598	.402	38.31	498	19,079	4963990	1.736	.959	.041
786	22.96	851	19,541	8431539	.710	.761	.239	41.84	467	19,541	4616387	.439	.670	.330
787	10.28	589	6,055	1796182	.306	.620	.380	15.73	385	6,055	1113046	-1.532	.063	.063
788	9.77	165	1,612	135479	.416	.661	.339	13.11	123	1,612	99943	.156	.562	.438
789	7.68	1,086	8,344	4567668	.465	.679	.321	15.25	547	8,344	2317346	.626	.734	.266
790	8.34	266	2,219	288738	-.612	.270	.270	11.21	198	2,219	219103	-.064	.474	.474
791	13.87	340	4,714	817584	.646	.741	.259	19.48	242	4,714	587683	.817	.793	.207
792	9.38	48	450	12908	2.342	.990	.010	14.52	31	450	8805	2.530	.994	.006
793	9.06	2,117	19,181	20683287	1.492	.932	.068	13.42	1,429	19,181	13771465	.318	.625	.375
794	8.00	1,461	11,685	8385367	-1.168	.122	.122	12.06	969	11,685	5496814	-1.567	.059	.059
795	11.27	1,513	17,047	13271699	1.963	.975	.025	17.76	960	17,047	8510813	2.153	.984	.016
796	21.59	242	5,225	683575	2.189	.986	.014	35.30	148	5,225	410148	1.281	.900	.100
797	17.15	1,659	28,459	24123107	1.543	.939	.061	29.77	956	28,459	13690375	.342	.634	.366
798	22.39	31	694	9177	-1.417	.078	.078	33.05	21	694	5203	-2.270	.012	.012
799	13.21	693	9,155	3098339	-1.062	.144	.144	22.77	402	9,155	1861866	.410	.659	.341
800	14.72	78	1,148	43092	-.574	.283	.283	24.96	46	1,148	27348	.420	.663	.337
801	24.97	593	14,804	4391299	.018	.507	.493	44.46	333	14,804	2547303	1.057	.855	.145
802	33.60	45	1,512	26597	-2.535	.006	.006	63.00	24	1,512	12697	-2.547	.005	.005
803	11.20	652	7,299	2368251	-.209	.417	.417	17.67	413	7,299	1527963	.484	.686	.314
804	17.46	39	681	13270	-.008	.497	.497	30.96	22	681	6328	-1.261	.104	.104
805	13.83	831	11,493	4682039	-.976	.165	.165	23.46	490	11,493	2721514	-1.284	.100	.100
806	8.25	2,079	17,161	18431372	2.623	.996	.004	12.38	1,386	17,161	12426870	2.897	.998	.002
807	9.82	1,337	13,131	8882903	.756	.775	.225	14.87	883	13,131	5978638	1.610	.946	.054
808	11.63	1,549	18,012	14488661	2.631	.996	.004	17.14	1,051	18,012	9507767	.252	.599	.401
809	16.41	1,124	18,442	10536323	.963	.832	.168	28.37	650	18,442	6024707	.229	.591	.409
810	17.65	1,165	20,566	12363645	1.895	.971	.029	33.88	607	20,566	6289618	.327	.628	.372
811	7.85	940	7,376	3421642	-.691	.245	.245	11.49	642	7,376	2389328	.401	.656	.344
812	13.64	490	6,684	1697586	1.405	.920	.080	21.42	312	6,684	1119934	2.266	.988	.012
813	7.55	11	83	363	-1.177	.120	.120	10.38	8	83	299	-.487	.313	.313
814	14.86	1,642	24,404	20213620	.623	.733	.267	30.02	813	24,404	9981111	.303	.619	.381
815	8.08	3,758	30,377	56887715	-.355	.361	.361	11.93	2,547	30,377	39292002	1.371	.915	.085
816	7.91	1,634	12,922	10490376	-.444	.329	.329	11.71	1,104	12,922	7175938	.347	.636	.364
817	11.19	556	6,220	1764796	.842	.800	.200	16.33	381	6,220	1188525	.103	.541	.459
818	10.07	1,969	19,833	19987355	1.818	.965	.035	16.02	1,238	19,833	12568946	1.451	.927	.073
819	17.30	1,668	28,862	24137436	.196	.578	.422	32.18	897	28,862	12651426	-1.175	.120	.120
820	14.37	62	891	25869	-.865	.194	.194	26.21	34	891	15984	.558	.712	.288
821	18.51	430	7,961	1656600	-1.154	.124	.124	32.49	245	7,961	989750	.404	.657	.343
822	12.18	1,564	19,050	15617716	3.314	1.000	0	19.54	975	19,050	9802072	3.000	.999	.001
823	13.33	2,442	32,540	40553747	1.772	.962	.038	22.14	1,470	32,540	23941714	.069	.528	.473
824	12.86	165	2,122	172976	-.266	.395	.395	19.83	107	2,122	107286	-.985	.162	.162
825	19.35	209	4,045	436011	.788	.785	.215	24.22	167	4,045	366942	1.934	.973	.027
826	7.85	3,375	26,503	44659745	-.144	.443	.443	12.02	2,205	26,503	29063716	-.434	.332	.332
827	7.70	1,356	10,437	7164375	.794	.786	.214	11.74	889	10,437	4753343	1.270	.898	.102
828	8.22	3,143	25,827	41751582	2.786	.997	.003	11.89	2,173	25,827	28870398	2.329	.990	.010
829	7.46	724	5,401	1934058	-0.503	.307	.307	10.89	496	5,401	1320077	-0.558	.289	.289
830	13.38	979	13,102	6557874	1.221	.889	.111	20.83	629	13,102	4211155	.955	.830	.170
831	9.97	1,422	14,176	10321498	1.571	.942	.058	15.28	928	14,176	6828810	2.015	.978	.022
832	11.02	159	1,752	133388	-.925	.178	.178	18.44	95	1,752	76173	-1.430	.076	.076

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
833	16.25	101	1,641	73756	-1.915	.028	.028	28.29	58	1,641	45228	-.654	.256	.256
834	14.88	276	4,106	598385	1.613	.947	.053	25.82	159	4,106	333420	.468	.680	.320
835	8.09	2,293	18,549	20916812	-1.364	.086	.086	11.64	1,594	18,549	14690273	-.436	.331	.331
836	12.54	602	7,548	2363795	1.718	.957	.043	21.08	358	7,548	1381553	.739	.770	.230
837	7.41	1,612	11,942	9807974	1.320	.907	.093	11.07	1,079	11,942	6573995	1.159	.877	.123
838	7.88	967	7,618	3607585	-1.107	.134	.134	11.15	683	7,618	2614725	.229	.591	.409
839	7.71	292	2,252	318877	-.893	.186	.186	12.11	186	2,252	206319	-.352	.363	.363
840	11.23	3,248	36,458	60493334	2.143	.984	.016	17.49	2,084	36,458	39588209	3.328	1.000	0
841	7.97	2,267	18,077	20703004	.856	.804	.196	12.02	1,504	18,077	13927583	1.649	.950	.050
842	8.91	2,102	18,731	19859384	.698	.757	.243	13.55	1,382	18,731	13287530	1.713	.957	.043
843	8.83	407	3,594	714364	-.813	.208	.208	12.93	278	3,594	506798	.418	.662	.338
844	11.16	1,573	17,555	14055769	1.238	.892	.108	15.83	1,109	17,555	9564235	-1.007	.157	.157
845	7.00	534	3,740	1028112	1.184	.882	.118	10.28	364	3,740	714229	1.629	.948	.052
846	7.29	889	6,477	2865087	-.250	.401	.401	10.48	618	6,477	2027481	.561	.713	.287
847	11.50	1,560	17,934	14728493	3.619	1.000	0	16.79	1,068	17,934	9787314	1.245	.893	.107
848	11.33	2,538	28,763	37346894	2.024	.979	.021	17.72	1,623	28,763	24595059	3.749	1.000	0
849	8.69	781	6,785	2683056	.612	.730	.270	14.28	475	6,785	1608472	-.070	.472	.472
850	13.13	109	1,431	72872	-1.187	.118	.118	21.36	67	1,431	44284	-1.081	.140	.140
851	9.61	38	365	8833	2.922	.998	.002	13.04	28	365	6362	2.246	.988	.012
852	7.75	59	457	13495	.013	.505	.495	9.52	48	457	11207	.262	.603	.397
853	7.83	35	274	4771	-.051	.480	.480	11.91	23	274	3105	-.121	.452	.452
854	14.94	1,265	18,899	12231394	1.432	.924	.076	26.92	702	18,899	7003549	2.560	.995	.005
855	10.30	541	5,570	1529326	.605	.727	.273	15.78	353	5,570	1001131	.597	.725	.275
856	14.96	1,251	18,709	11922655	1.153	.875	.125	26.54	705	18,709	6721120	.880	.811	.190
857	13.62	668	9,100	3263071	3.294	1.000	0	21.36	426	9,100	2153782	3.974	1.000	0
858	14.05	753	10,580	4034916	.615	.731	.269	21.95	482	10,580	2631850	1.224	.889	.111
859	15.01	624	9,367	2915686	-.101	.460	.460	24.59	381	9,367	1785434	.019	.508	.492
860	18.16	67	1,217	34389	-2.219	.013	.013	34.77	35	1,217	17885	-1.642	.050	.050
861	14.35	1,007	14,445	7093445	-1.357	.087	.087	24.48	590	14,445	4109211	-1.501	.067	.067
862	8.23	927	7,632	3622130	1.263	.897	.103	12.25	623	7,632	2469582	1.677	.953	.047
863	7.61	56	426	13001	1.166	.878	.122	12.17	35	426	8933	2.032	.979	.021
864	23.47	770	18,069	6972385	.109	.544	.456	39.45	458	18,069	4144913	.064	.525	.475
865	18.59	126	2,342	136594	-1.443	.075	.075	30.42	77	2,342	88086	-.351	.363	.363
866	18.26	149	2,721	206874	.434	.668	.332	29.90	91	2,721	126808	.401	.656	.344
867	12.24	1,299	15,899	10710520	2.322	.990	.010	20.00	795	15,899	6696488	2.910	.998	.002
868	12.46	1,746	21,746	19292227	1.174	.880	.120	20.29	1,072	21,746	11932335	1.345	.911	.089
869	16.87	1,093	18,440	9867273	-1.194	.116	.116	30.84	598	18,440	5294697	-1.681	.046	.046
870	7.43	212	1,575	176650	1.465	.929	.071	11.01	143	1,575	119420	1.252	.895	.105
871	18.00	14	252	2306	1.991	.977	.023	42.00	6	252	922	.932	.824	.176
872	13.50	36	486	8156	-.703	.241	.241	19.44	25	486	5592	-.689	.246	.246
873	7.16	3,276	23,470	38508162	.166	.566	.434	10.48	2,240	23,470	26287375	.003	.501	.499
874	6.68	857	5,724	2381869	-1.465	.071	.071	9.52	601	5,724	1651141	-1.701	.044	.044
875	7.46	65	485	14511	-1.109	.134	.134	12.76	38	485	8388	-.958	.169	.169
876	--	--	--	--	--	--	--	--	--	--	--	--	--	--
877	17.92	24	430	5846	1.128	.870	.130	26.88	16	430	4212	1.555	.940	.060
878	7.98	1,963	15,666	15422098	.229	.591	.409	11.85	1,322	15,666	10245044	-.670	.251	.251
879	18.10	1,022	18,493	9575937	.738	.770	.230	30.12	614	18,493	5776263	.748	.773	.227
880	24.78	9	223	815	-.976	.165	.165	74.33	3	223	205	-1.161	.123	.123
881	14.70	1,265	18,595	12312471	2.887	.998	.002	24.47	760	18,595	7293773	1.539	.938	.062
882	13.33	137	1,826	115307	-1.584	.057	.057	20.75	88	1,826	73956	-1.292	.098	.098
883	13.21	825	10,901	4378824	-1.304	.096	.096	21.98	496	10,901	2652567	-.726	.234	.234
884	14.36	949	13,631	6288924	-1.477	.070	.070	24.87	548	13,631	3588815	-1.586	.056	.056

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
885	14.10	2,106	29,698	31604706	.846	.801	.199	22.67	1,310	29,698	19556709	.337	.632	.368
886	9.68	2,208	21,366	23807526	.757	.775	.225	15.03	1,422	21,366	15399429	.895	.815	.185
887	8.71	2,880	25,079	37365560	3.222	.999	.001	13.17	1,904	25,079	24686379	2.568	.995	.005
888	10.86	1,743	18,929	17145077	2.843	.998	.002	16.95	1,117	18,929	11033462	2.528	.994	.006
889	13.94	985	13,726	6902184	1.143	.873	.127	26.70	514	13,726	3655942	1.429	.923	.077
890	14.62	895	13,085	5747203	-.959	.169	.169	24.97	524	13,085	3288918	-1.612	.054	.054
891	21.60	840	18,143	8049984	2.832	.998	.002	34.10	532	18,143	4887440	.508	.694	.306
892	19.85	364	7,226	1313486	-.041	.483	.483	32.70	221	7,226	784469	-.452	.326	.326
893	14.47	1,862	26,939	25415334	.999	.841	.159	24.94	1,080	26,939	14237163	-1.213	.113	.113
894	11.42	493	5,631	1356094	-.885	.188	.188	17.22	327	5,631	912394	-.282	.389	.389
895	21.53	793	17,071	6853565	.612	.730	.270	43.55	392	17,071	3533534	1.923	.973	.027
896	8.39	4,261	35,755	78040924	2.768	.997	.003	12.59	2,840	35,755	52245719	2.679	.996	.004
897	14.15	13	184	1192	-.021	.492	.492	20.44	9	184	811	-.107	.457	.457
898	6.92	175	1,211	107083	.242	.596	.404	9.24	131	1,211	79355	.009	.503	.497
899	19.33	3	58	70	-.586	.279	.279	29.00	2	58	44	-.591	.277	.277
900	11.01	139	1,531	106744	.065	.526	.474	17.01	90	1,531	68162	-.175	.431	.431
901	15.56	2,189	34,050	37854078	1.275	.899	.101	24.34	1,399	34,050	24451383	1.723	.958	.042
902	16.78	67	1,124	39728	.781	.783	.218	22.04	51	1,124	30605	.839	.799	.201
903	28.72	880	25,276	11203495	.379	.648	.352	56.04	451	25,276	5754618	.354	.638	.362
904	39.60	10	396	2049	.191	.576	.424	79.20	5	396	1434	1.737	.959	.041
905	24.52	678	16,626	5825750	1.517	.935	.065	47.37	351	16,626	2962410	.495	.690	.310
906	14.82	2,135	31,631	33644608	-.288	.387	.387	25.76	1,228	31,631	19308874	-.352	.362	.362
907	--	--	--	--	--	--	--	--	--	--	--	--	--	--
908	14.38	1,376	19,782	13856245	1.162	.877	.123	27.10	730	19,782	7526596	1.984	.976	.024
909	13.85	606	8,392	2571356	.479	.684	.316	23.91	351	8,392	1463351	-.208	.418	.418
910	27.68	256	7,085	888482	-.562	.287	.287	56.23	126	7,085	440254	-.266	.395	.395
911	25.27	83	2,097	88867	.334	.631	.369	58.25	36	2,097	39189	.397	.654	.346
912	12.08	25	302	2415	-3.120	.001	.001	17.77	17	302	1749	-2.276	.011	.011
913	12.54	512	6,422	1702202	1.387	.917	.083	20.20	318	6,422	1081905	1.839	.967	.033
914	10.06	360	3,622	629990	-1.107	.134	.134	14.97	242	3,622	417816	-1.257	.104	.104
915	8.63	3,899	33,649	69087504	5.752	0	0	13.39	2,513	33,649	45211660	6.021	0	0
916	9.12	2,098	19,131	20865701	3.152	.999	.001	13.05	1,466	19,131	14936797	4.321	1.000	0
917	16.03	481	7,709	1754946	-2.030	.021	.021	32.80	235	7,709	816437	-2.620	.004	.004
918	7.24	1,224	8,856	5504809	.950	.829	.171	10.80	820	8,856	3743759	1.541	.938	.062
919	15.10	649	9,801	3072851	-1.493	.068	.068	22.03	445	9,801	2142157	-.646	.259	.259
920	8.31	2,298	19,104	22395179	1.682	.954	.046	11.70	1,633	19,104	15992079	1.766	.961	.039
921	11.65	375	4,368	843193	.991	.839	.161	18.43	237	4,368	553116	1.829	.966	.034
922	18.57	1,225	22,744	14289112	1.560	.941	.059	31.59	720	22,744	8571698	2.179	.985	.015
923	15.71	2,128	33,427	35303565	-.590	.278	.278	28.33	1,180	33,427	19233661	-1.473	.070	.070
924	18.26	35	639	10131	-.964	.168	.168	39.94	16	639	4490	-.843	.200	.200
925	22.02	191	4,205	426074	1.460	.928	.072	41.63	101	4,205	233116	1.702	.956	.044
926	12.36	45	556	13217	.657	.744	.256	20.59	27	556	8627	1.344	.911	.089
927	11.70	379	4,433	823278	-.673	.250	.250	17.73	250	4,433	537291	-.832	.203	.203
928	14.17	538	7,623	2213194	3.186	.999	.001	24.75	308	7,623	1286938	2.926	.998	.002
929	9.76	1,611	15,716	12785028	.691	.755	.245	15.10	1,041	15,716	8059559	-.824	.205	.205
930	17.19	530	9,108	2534889	2.004	.977	.023	31.19	292	9,108	1421840	2.049	.980	.020
931	13.72	353	4,843	875809	.800	.788	.212	21.72	223	4,843	565655	1.229	.890	.110
932	13.23	246	3,255	368813	-2.141	.016	.016	19.26	169	3,255	262613	-1.018	.154	.154
933	30.50	2	61	50	-0.442	.329	.329	30.50	2	61	50	-0.442	.329	.329
934	12.55	442	5,547	1222782	-.092	.463	.463	19.00	292	5,547	822028	.445	.672	.328
935	7.37	2,674	19,694	26983438	2.220	.987	.013	10.94	1,801	19,694	18487305	3.120	.999	.001
936	7.32	1,299	9,510	6004721	-1.739	.041	.041	10.36	918	9,510	4342006	-.278	.391	.391

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
937	8.03	1,111	8,920	4949829	-.061	.476	.476	11.26	792	8,920	3487755	-.615	.269	.269
938	14.56	1,739	25,311	22500761	1.618	.947	.053	24.01	1,054	25,311	13583296	1.030	.849	.152
939	10.57	2,044	21,605	22541152	1.634	.949	.051	15.81	1,367	21,605	15097836	1.435	.924	.076
940	14.79	1,075	15,898	8293211	-1.675	.047	.047	24.05	661	15,898	5204908	-.419	.338	.338
941	11.28	1,458	16,452	11078624	-5.045	0	0	17.62	934	16,452	7253189	-2.962	.002	.002
942	12.57	1,045	13,131	7000071	1.135	.872	.128	20.84	630	13,131	4187386	.537	.704	.296
943	15.82	2,064	32,647	33287922	-.943	.173	.173	27.12	1,204	32,647	19630039	-.072	.471	.471
944	9.62	597	5,740	1760149	1.155	.876	.124	13.51	425	5,740	1245047	.741	.770	.230
945	13.43	1,591	21,362	17280544	1.167	.878	.122	21.05	1,015	21,362	11026667	.944	.827	.173
946	8.99	1,092	9,820	5498180	1.457	.927	.073	14.25	689	9,820	3426751	.588	.722	.278
947	12.97	1,063	13,784	7594372	2.067	.981	.019	19.92	692	13,784	5088565	3.050	.999	.001
948	15.79	77	1,216	43094	-1.208	.114	.114	26.44	46	1,216	27147	-.345	.365	.365
949	31.94	830	26,509	11160575	.723	.765	.235	64.66	410	26,509	5644184	1.354	.912	.088
950	46.40	5	232	617	.247	.598	.402	232.00	1	232	75	-.612	.270	.270
951	8.71	1,424	12,405	8711441	-.895	.186	.186	12.79	970	12,405	5880288	-1.221	.111	.111
952	10.08	489	4,929	1239050	1.078	.859	.141	15.21	324	4,929	844183	1.784	.963	.037
953	11.46	1,224	14,026	8679506	.675	.750	.250	18.36	764	14,026	5504459	1.309	.905	.095
954	11.01	629	6,922	2197379	.407	.658	.342	16.25	426	6,922	1595654	2.940	.998	.002
955	13.34	2,478	33,055	41341548	.814	.792	.208	21.04	1,571	33,055	25996493	.084	.534	.466
956	13.66	2,543	34,736	44400437	.462	.678	.322	22.13	1,570	34,736	27100627	-.421	.337	.337
957	9.21	465	4,283	982972	-.481	.315	.315	13.51	317	4,283	695189	.742	.771	.229
958	15.28	821	12,543	5197414	.468	.680	.320	25.65	489	12,543	3119807	.663	.746	.254
959	8.75	1,579	13,823	11062206	.939	.826	.174	13.22	1,046	13,823	7178770	-.393	.347	.347
960	9.41	83	781	35927	1.712	.957	.044	13.02	60	781	26210	1.592	.944	.056
961	11.36	1,769	20,090	18117512	1.426	.923	.077	18.17	1,106	20,090	11205178	.495	.690	.310
962	18.92	38	719	16025	1.848	.968	.032	32.68	22	719	10027	2.176	.985	.015
963	15.63	73	1,141	38639	-1.069	.143	.143	23.77	48	1,141	24890	-1.093	.137	.137
964	15.38	131	2,015	133481	.225	.589	.411	24.57	82	2,015	79285	-.632	.264	.264
965	12.25	832	10,194	4416043	2.066	.981	.019	19.31	528	10,194	2698163	.103	.541	.459
966	19.41	458	8,889	2022058	-.246	.403	.403	32.09	277	8,889	1239354	.193	.576	.424
967	17.86	283	5,054	680261	-1.421	.078	.078	35.34	143	5,054	346976	-.825	.205	.205
968	9.54	166	1,583	140600	1.565	.941	.059	14.52	109	1,583	93584	1.532	.937	.063
969	9.82	124	1,217	78207	.704	.759	.241	14.66	83	1,217	54587	1.275	.899	.101
970	14.01	2,337	32,743	38043512	-.474	.318	.318	22.95	1,427	32,743	23206397	-.436	.331	.331
971	10.31	167	1,722	149474	.885	.812	.188	15.11	114	1,722	103482	1.004	.842	.158
972	12.39	1,495	18,526	14662765	3.939	1.000	0	19.86	933	18,526	9176223	3.268	.999	.001
973	29.34	666	19,541	6874338	2.522	.994	.006	59.94	326	19,541	3391252	2.023	.978	.022
974	9.13	1,222	11,161	6930202	.984	.837	.163	13.87	805	11,161	4587145	1.038	.850	.150
975	9.57	1,296	12,404	7840411	-1.531	.063	.063	15.04	825	12,404	5037551	-.769	.221	.221
976	11.68	76	888	36192	1.095	.863	.137	18.12	49	888	24259	1.395	.918	.082
977	8.46	11	93	636	1.398	.919	.081	11.63	8	93	464	1.212	.887	.113
978	10.99	1,215	13,354	8452912	2.533	.994	.006	17.08	782	13,354	5523370	2.801	.997	.003
979	10.41	549	5,715	1545273	-.608	.272	.272	16.47	347	5,715	973127	-.600	.274	.274
980	11.13	321	3,573	544933	-1.544	.061	.061	16.70	214	3,573	355380	-1.785	.037	.037
981	15.00	1	15	15	1.732	.958	.042	15.00	1	15	15	1.732	.958	.042
982	11.70	33	386	7076	1.105	.865	.135	13.79	28	386	5985	.985	.838	.162
983	8.20	1,275	10,455	6649435	-.145	.442	.442	11.81	885	10,455	4725162	1.101	.864	.136
984	17.16	206	3,534	363524	-.033	.487	.487	25.42	139	3,534	249335	.310	.622	.378
985	11.43	106	1,212	68662	1.229	.890	.110	19.24	63	1,212	40522	0.844	.801	.199
986	13.38	259	3,465	455623	.429	.666	.334	19.58	177	3,465	334434	2.088	.982	.018
987	14.90	1,508	22,473	16956770	.048	.519	.481	23.19	969	22,473	10797160	-.451	.326	.326
988	11.56	203	2,346	210435	-2.869	.002	.002	16.07	146	2,346	162777	-1.036	.150	.150

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
989	8.22	1,967	16,159	16015761	.596	.724	.276	12.49	1,294	16,159	10665760	1.257	.896	.104
990	9.64	1,933	18,639	19093740	4.562	1.000	0	15.14	1,231	18,639	12127475	3.471	1.000	0
991	12.53	1,483	18,574	14192376	2.033	.979	.021	18.93	981	18,574	9592248	2.868	.998	.002
992	8.48	2,356	19,989	24367254	2.929	.998	.002	12.86	1,554	19,989	16244767	3.136	.999	.001
993	11.80	116	1,369	86327	1.627	.948	.052	18.25	75	1,369	59002	2.239	.987	.013
994	13.03	474	6,177	1538239	1.914	.972	.028	20.80	297	6,177	981477	2.089	.982	.018
995	11.52	1,430	16,470	12076845	1.673	.953	.047	17.77	927	16,470	7832664	1.374	.915	.085
996	19.56	1,475	28,850	21690733	1.294	.902	.098	32.09	899	28,850	13470342	2.011	.978	.022
997	13.30	2,072	27,555	28876153	.909	.818	.182	19.75	1,395	27,555	19563985	1.159	.877	.123
998	12.23	1,743	21,324	19117467	2.076	.981	.019	19.09	1,117	21,324	12335214	2.070	.981	.019
999	12.63	289	3,649	498453	-1.610	.054	.054	18.71	195	3,649	333881	-1.489	.068	.068
1000	8.88	1,015	9,008	4572842	.016	.506	.494	13.80	653	9,008	2991465	.758	.776	.224
1001	10.00	1,972	19,714	20364699	3.667	1.000	0	15.34	1,285	19,714	13461744	3.900	1.000	0
1002	4.67	3	14	31	1.429	.923	.077	4.67	3	14	31	1.429	.923	.077
1003	15.43	1,319	20,356	14048605	2.923	.998	.002	25.87	787	20,356	8387163	2.287	.989	.011
1004	13.14	1,551	20,384	16359102	2.379	.991	.009	20.55	992	20,384	10287133	.953	.830	.170
1005	14.87	1,436	21,346	15348745	.096	.538	.462	23.61	904	21,346	9685859	.202	.580	.420
1006	9.16	309	2,830	432415	-.336	.369	.369	14.01	202	2,830	282867	-.255	.399	.399
1007	13.83	612	8,461	2515018	-1.226	.110	.110	19.41	436	8,461	1768363	-1.493	.068	.068
1008	9.83	1,414	13,894	9801188	-.145	.442	.442	14.70	945	13,894	6472045	-.753	.226	.226
1009	7.73	1,620	12,527	10183571	.252	.600	.400	12.14	1,032	12,527	6439324	-.212	.416	.416
1010	11.39	1,375	15,655	10680232	-.493	.311	.311	17.65	887	15,655	6783132	-1.188	.118	.118
1011	15.01	1,359	20,404	13992029	.587	.721	.279	23.64	863	20,404	9007648	1.175	.880	.120
1012	14.60	205	2,993	299823	-.563	.287	.287	25.15	119	2,993	185643	.802	.789	.211
1013	14.28	765	10,925	4331853	1.755	.960	.040	23.85	458	10,925	2539935	.565	.714	.286
1014	14.28	164	2,342	199431	.853	.803	.197	21.29	110	2,342	137362	1.206	.886	.114
1015	23.72	18	427	3422	-.805	.210	.210	42.70	10	427	1452	-1.752	.040	.040
1016	9.48	2,113	20,037	21528049	1.350	.911	.089	14.46	1,386	20,037	14031593	.678	.751	.249
1017	10.43	179	1,867	182363	2.117	.983	.017	16.38	114	1,867	117267	1.885	.970	.030
1018	9.68	250	2,421	287567	-1.363	.087	.087	11.26	215	2,421	247108	-1.283	.100	.100
1019	15.10	534	8,062	2095664	-1.058	.145	.145	27.33	295	8,062	1212751	.591	.723	.277
1020	15.74	374	5,888	1170747	2.120	.983	.017	24.84	237	5,888	731326	1.284	.900	.100
1021	14.58	1,664	24,253	20449628	.949	.829	.171	23.85	1,017	24,253	12359936	.122	.549	.451
1022	9.52	1,037	9,875	5062573	-.628	.265	.265	13.83	714	9,875	3540028	.192	.576	.424
1023	9.49	710	6,740	2283249	-2.111	.017	.017	14.46	466	6,740	1493655	-1.828	.034	.034
1024	10.30	1,139	11,727	6672767	-.050	.480	.480	15.17	773	11,727	4615638	.884	.811	.189
1025	13.20	214	2,824	288493	-1.147	.126	.126	19.61	144	2,824	189995	-1.363	.086	.086
1026	9.59	1,993	19,114	19700443	2.652	.996	.004	14.94	1,279	19,114	12594279	1.880	.970	.030
1027	13.96	484	6,758	1682418	1.095	.863	.137	22.45	301	6,758	1031087	.414	.661	.339
1028	14.62	1,872	27,372	25937652	.929	.823	.177	23.99	1,141	27,372	16433883	3.065	.999	.001
1029	11.11	1,400	15,548	11158936	1.640	.949	.051	17.75	876	15,548	7116915	2.310	.990	.010
1030	10.06	1,217	12,246	7444940	-.055	.478	.478	15.90	770	12,246	4863667	1.519	.936	.064
1031	19.67	129	2,538	142080	-2.598	.005	.005	39.05	65	2,538	68257	-2.409	.008	.008
1032	12.16	2,997	36,443	54626381	.029	.511	.489	19.70	1,850	36,443	33535070	-.386	.350	.350
1033	7.80	2,749	21,434	29544646	.258	.602	.398	11.55	1,856	21,434	20276426	1.447	.926	.074
1034	16.91	128	2,164	144174	.803	.789	.211	28.10	77	2,164	85459	.391	.652	.348
1035	14.42	2,344	33,805	39603497	-.034	.487	.487	23.69	1,427	33,805	24231723	.303	.619	.381
1036	6.54	82	536	22444	.334	.631	.369	9.40	57	536	14164	-.952	.171	.171
1037	11.83	36	426	7721	0.072	.529	.471	18.52	23	426	3911	-1.675	.047	.047
1038	11.97	290	3,471	526390	1.354	.912	.088	17.89	194	3,471	351925	1.092	.863	.138
1039	27.57	254	7,002	883876	-.167	.434	.434	68.65	102	7,002	384944	1.364	.914	.086
1040	33.35	206	6,871	764478	1.994	.977	.023	70.11	98	6,871	375252	1.965	.975	.025

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1041	41.18	85	3,500	143163	-.600	.274	.274	97.22	36	3,500	61780	-.201	.420	.420
1042	6.78	1,830	12,414	11291906	-.436	.331	.331	9.55	1,300	12,414	8052989	-.125	.450	.450
1043	23.55	20	471	3827	-1.452	.073	.073	42.82	11	471	1449	-2.531	.006	.006
1044	17.09	479	8,188	2122627	3.124	.999	.001	29.88	274	8,188	1216279	2.416	.992	.008
1045	16.96	1,179	19,999	12396330	3.062	.999	.001	29.72	673	19,999	7140937	2.746	.997	.003
1046	11.30	151	1,706	128909	.018	.507	.493	18.15	94	1,706	82404	.465	.679	.321
1047	12.44	1,625	20,211	17278002	3.642	1.000	0	19.99	1,011	20,211	10747107	2.859	.998	.002
1048	13.66	879	12,010	5077204	-1.957	.025	.025	20.92	574	12,010	3417667	-.352	.363	.363
1049	12.34	397	4,897	959633	-.441	.330	.330	18.69	262	4,897	653756	.535	.704	.296
1050	7.32	1,646	12,043	10261242	2.480	.993	.007	10.69	1,127	12,043	7093797	2.635	.996	.004
1051	14.45	1,236	17,865	10881243	-.879	.190	.190	22.90	780	17,865	6766015	-1.398	.081	.081
1052	14.20	51	724	18159	-.203	.420	.420	24.97	29	724	11014	.459	.677	.323
1053	7.40	141	1,044	74185	.163	.565	.435	10.34	101	1,044	51409	-.434	.332	.332
1054	20.33	3	61	75	-.541	.294	.294	30.50	2	61	24	-1.486	.069	.069
1055	8.89	376	3,344	631239	.137	.555	.445	12.48	268	3,344	464975	1.068	.857	.143
1056	16.42	128	2,102	149940	2.245	.988	.012	29.19	72	2,102	82651	1.356	.912	.088
1057	18.82	27	508	7068	.276	.609	.391	39.08	13	508	3595	.554	.710	.290
1058	10.98	3,209	35,247	57276842	1.254	.895	.105	16.87	2,089	35,247	37311044	1.066	.857	.143
1059	15.54	46	715	15457	-.706	.240	.240	23.07	31	715	9736	-1.172	.121	.121
1060	12.85	1,886	24,233	23119542	.882	.811	.189	20.68	1,172	24,233	14510966	1.296	.903	.097
1061	11.38	58	660	19208	.047	.519	.481	22.76	29	660	9144	-.415	.339	.339
1062	20.19	103	2,080	87976	-3.142	.001	.001	33.55	62	2,080	54874	-2.032	.021	.021
1063	24.11	990	23,869	12122449	1.417	.922	.078	43.80	545	23,869	6788159	1.765	.961	.039
1064	27.53	45	1,239	28510	.264	.604	.396	45.89	27	1,239	17653	.499	.691	.309
1065	12.97	468	6,070	1418740	-.043	.483	.483	20.58	295	6,070	923950	.951	.829	.171
1066	10.33	1,076	11,113	6090819	1.065	.856	.144	16.06	692	11,113	4011757	1.975	.976	.024
1067	11.91	77	917	40436	2.209	.986	.014	16.09	57	917	29821	1.845	.967	.033
1068	14.61	49	716	17022	-.359	.360	.360	28.64	25	716	8095	-.827	.204	.204
1069	16.52	328	5,418	867495	-.743	.229	.229	28.67	189	5,418	492291	-.917	.180	.180
1070	13.77	2,559	35,225	44493411	-1.122	.131	.131	22.02	1,600	35,225	27978640	-.495	.310	.310
1071	9.91	1,981	19,631	19707976	1.045	.852	.148	15.62	1,257	19,631	12850638	2.551	.995	.005
1072	12.00	139	1,668	112439	-.614	.270	.270	16.35	102	1,668	84766	-.062	.475	.475
1073	70.67	3	212	357	.368	.644	.356	212.00	1	212	130	.392	.653	.347
1074	9.34	3,223	30,105	48967986	.920	.821	.179	14.13	2,130	30,105	32662064	1.497	.933	.067
1075	14.30	181	2,589	237494	.317	.624	.376	22.91	113	2,589	147868	.200	.579	.421
1076	12.11	1,490	18,047	13346504	-.490	.312	.312	19.26	937	18,047	8545305	.566	.714	.286
1077	11.77	292	3,438	518010	.947	.828	.172	17.28	199	3,438	360123	1.289	.901	.099
1078	19.31	1,425	27,513	19688009	.284	.612	.388	35.23	781	27,513	10640997	-.463	.322	.322
1079	12.70	2,464	31,290	39452855	2.015	.978	.022	20.74	1,509	31,290	24030581	1.204	.886	.114
1080	12.41	39	484	10130	.793	.786	.214	20.17	24	484	6549	1.083	.860	.140
1081	13.69	1,551	21,232	16738975	1.133	.871	.129	23.88	889	21,232	9637910	1.096	.863	.137
1082	13.72	998	13,695	7169346	2.687	.996	.004	23.37	586	13,695	4243691	2.414	.992	.008
1083	22.01	701	15,430	5464314	.476	.683	.317	36.65	421	15,430	3392734	1.584	.943	.057
1084	9.36	130	1,217	77637	-.367	.357	.357	14.66	83	1,217	49513	-.310	.378	.378
1085	9.03	4,026	36,335	74023922	1.325	.907	.093	13.75	2,643	36,335	48491084	.880	.810	.190
1086	19.20	263	5,049	694129	1.277	.899	.101	30.42	166	5,049	416587	-.132	.447	.447
1087	24.65	570	14,050	4000169	-.042	.483	.483	55.98	251	14,050	1731200	-.499	.309	.309
1088	7.71	292	2,252	331126	.210	.583	.417	10.88	207	2,252	236362	.351	.637	.363
1089	19.13	62	1,186	33651	-1.156	.124	.124	27.58	43	1,186	22985	-1.120	.131	.131
1090	13.33	764	10,180	3938128	.608	.728	.272	20.90	487	10,180	2532555	.828	.796	.204
1091	14.41	1,367	19,700	13748064	1.347	.911	.089	26.62	740	19,700	7353021	.414	.660	.340
1092	5.13	24	123	949	-3.030	.001	.001	7.24	17	123	717	-2.244	.012	.012

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1093	7.58	628	4,757	1525800	.933	.824	.176	10.96	434	4,757	1066724	1.204	.886	.114
1094	12.31	2,097	25,807	27290053	.678	.751	.249	18.78	1,374	25,807	18196218	1.690	.955	.045
1095	9.24	214	1,978	206099	-.664	.253	.253	14.76	134	1,978	129617	-.440	.330	.330
1096	16.01	1,193	19,104	11613874	1.146	.874	.126	28.73	665	19,104	6564377	1.493	.932	.068
1097	9.73	1,955	19,028	19745013	4.715	1.000	0	13.94	1,365	19,028	14138045	5.674	0	0
1098	12.16	1,215	14,774	8900839	-.500	.309	.309	19.26	767	14,774	5671558	.049	.519	.481
1099	20.60	10	206	666	-1.936	.026	.026	51.50	4	206	226	-1.564	.059	.059
1100	12.21	231	2,820	290486	-2.847	.002	.002	19.58	144	2,820	185009	-1.846	.032	.032
1101	9.90	2,948	29,198	43002249	-.078	.469	.469	15.37	1,900	29,198	27727546	-.029	.489	.489
1102	15.51	2,035	31,561	31656430	-1.112	.133	.133	26.06	1,211	31,561	18910572	-.630	.265	.265
1103	38.62	271	10,466	1403531	-.294	.384	.384	84.40	124	10,466	654316	.161	.564	.436
1104	10.75	727	7,812	2996753	2.584	.995	.005	16.04	487	7,812	1997383	1.912	.972	.028
1105	9.15	1,448	13,243	9864724	1.903	.971	.029	14.85	892	13,243	6109634	1.780	.962	.038
1106	15.68	1,434	22,491	16414557	1.174	.880	.120	25.70	875	22,491	9931057	.475	.683	.317
1107	17.50	92	1,610	71474	-.580	.281	.281	29.27	55	1,610	37437	-1.984	.024	.024
1108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1109	13.23	264	3,493	439988	-1.287	.099	.099	20.19	173	3,493	281385	-1.565	.059	.059
1110	16.71	210	3,510	334833	-2.296	.011	.011	25.44	138	3,510	212132	-2.525	.006	.006
1111	15.86	142	2,252	152374	-.971	.166	.166	28.51	79	2,252	84072	-.845	.199	.199
1112	8.77	1,370	12,016	8300879	.545	.707	.293	13.31	903	12,016	5549933	1.196	.884	.116
1113	15.01	1,965	29,498	28698962	-.749	.227	.227	26.87	1,098	29,498	16024037	-.604	.273	.273
1114	10.85	1,117	12,124	6778999	.066	.526	.474	17.00	713	12,124	4233279	-.952	.171	.171
1115	14.42	403	5,813	1250228	2.342	.990	.010	24.95	233	5,813	692392	.593	.723	.277
1116	8.81	165	1,453	110458	-1.747	.040	.040	11.53	126	1,453	83676	-1.670	.047	.047
1117	10.88	1,445	15,727	11533577	.990	.839	.161	17.36	906	15,727	7113805	-.077	.469	.469
1118	11.11	72	800	31584	1.421	.922	.078	18.18	44	800	19672	1.353	.912	.088
1119	10.79	703	7,586	2645359	-.364	.358	.358	17.52	433	7,586	1582730	-1.309	.095	.095
1120	15.29	1,600	24,462	19485050	-.299	.382	.382	25.80	948	24,462	11488929	-.488	.313	.313
1121	13.91	2,133	29,675	32140186	1.243	.893	.107	22.21	1,336	29,675	19818501	-.014	.494	.494
1122	17.31	59	1,021	30769	.287	.613	.387	24.31	42	1,021	20054	-.726	.234	.234
1123	11.41	1,998	22,804	23092564	1.058	.855	.145	18.89	1,207	22,804	13822865	.265	.605	.395
1124	9.72	141	1,371	90941	-1.216	.112	.112	15.23	90	1,371	54260	-1.980	.024	.024
1125	12.59	224	2,820	339615	1.951	.974	.026	18.19	155	2,820	221252	.267	.605	.395
1126	22.59	171	3,863	292259	-2.608	.005	.005	32.46	119	3,863	215064	-1.215	.112	.112
1127	16.20	1,648	26,696	21645124	-1.126	.130	.130	26.88	993	26,696	12571074	-2.815	.002	.002
1128	16.15	597	9,641	2868482	-.138	.445	.445	26.13	369	9,641	1736798	-.785	.216	.216
1129	21.29	169	3,598	322896	1.397	.919	.081	38.28	94	3,598	174209	.507	.694	.306
1130	47.19	16	755	4758	-1.471	.071	.071	83.89	9	755	3055	-.524	.300	.300
1131	10.08	1,374	13,853	9725930	1.409	.921	.079	15.83	875	13,853	6315066	2.150	.984	.016
1132	21.09	33	696	12279	.689	.754	.246	31.64	22	696	7936	.297	.617	.383
1133	11.59	871	10,098	4326753	-.824	.205	.205	17.50	577	10,098	2906937	-.091	.464	.464
1134	15.93	43	685	15213	.374	.646	.354	24.46	28	685	10257	.638	.738	.262
1135	7.74	102	789	39091	-.499	.309	.309	9.39	84	789	30492	-1.268	.103	.103
1136	17.08	1,632	27,875	23043573	.915	.820	.180	32.19	866	27,875	12401283	1.400	.919	.081
1137	11.42	1,677	19,145	16312357	1.146	.874	.126	18.18	1,053	19,145	10224690	.808	.790	.210
1138	21.85	113	2,469	135136	-.576	.282	.282	47.48	52	2,469	68216	.783	.783	.217
1139	33.88	92	3,117	139526	-.447	.328	.328	52.83	59	3,117	81364	-1.532	.063	.063
1140	16.07	693	11,137	3622667	-2.792	.003	.003	26.71	417	11,137	2222638	-1.515	.065	.065
1141	8.41	2,373	19,965	24040206	1.253	.895	.105	12.75	1,566	19,965	16208211	2.524	.994	.006
1142	8.50	3,851	32,715	65385948	4.084	1.000	0	12.35	2,649	32,715	44393476	2.186	.986	.014
1143	19.90	453	9,015	2058911	.307	.621	.379	34.54	261	9,015	1190768	.340	.633	.367
1144	15.39	156	2,401	189712	.281	.611	.389	21.63	111	2,401	137327	.558	.711	.289

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1145	18.32	78	1,429	68641	3.544	1.000	0	30.40	47	1,429	41846	2.922	.998	.002
1146	16.13	1,651	26,623	21842531	-.432	.333	.333	29.22	911	26,623	12078881	-.207	.418	.418
1147	15.07	412	6,208	1335545	1.559	.940	.060	26.19	237	6,208	755263	.711	.761	.239
1148	15.28	851	13,000	5771933	2.196	.986	.014	27.08	480	13,000	3187039	.815	.793	.207
1149	12.55	963	12,084	5932563	1.054	.854	.146	20.38	593	12,084	3747954	1.943	.974	.026
1150	17.39	773	13,443	5221984	.243	.596	.404	31.56	426	13,443	2883370	.250	.599	.401
1151	8.16	140	1,142	79867	-.019	.493	.493	13.13	87	1,142	48139	-.500	.309	.309
1152	10.51	2,518	26,466	33612692	.762	.777	.223	16.51	1,603	26,466	21709645	1.625	.948	.052
1153	8.12	60	487	15029	.385	.650	.350	11.33	43	487	10488	.019	.508	.492
1154	12.18	1,071	13,041	7139884	1.270	.898	.102	20.16	647	13,041	4271122	.547	.708	.292
1155	10.37	132	1,369	76309	-3.093	.001	.001	15.21	90	1,369	51985	-2.566	.005	.005
1156	11.61	1,121	13,013	7427614	1.064	.856	.144	18.59	700	13,013	4663898	1.100	.864	.136
1157	13.88	1,300	18,047	11938863	1.109	.866	.134	21.64	834	18,047	7713833	1.251	.895	.105
1158	8.97	397	3,562	713471	.313	.623	.377	12.91	276	3,562	512816	1.245	.893	.107
1159	10.37	3,552	36,849	65799398	.561	.713	.287	15.82	2,330	36,849	42847201	-.160	.437	.437
1160	13.60	103	1,401	75278	.762	.777	.223	21.55	65	1,401	49672	1.270	.898	.102
1161	16.02	357	5,720	1086964	2.114	.983	.017	24.34	235	5,720	704913	1.296	.903	.097
1162	25.75	47	1,210	31977	1.479	.930	.070	71.18	17	1,210	10726	.306	.620	.380
1163	30.10	105	3,160	152851	-1.396	.081	.081	79.00	40	3,160	55703	-1.300	.097	.097
1164	9.27	2,066	19,160	20575180	3.114	.999	.001	13.94	1,375	19,160	13463232	1.418	.922	.078
1165	15.12	657	9,934	3387783	1.693	.955	.045	24.77	401	9,934	2059370	1.177	.880	.120
1166	7.09	1,691	11,989	10352925	1.519	.936	.064	10.60	1,131	11,989	6943396	1.406	.920	.080
1167	7.67	880	6,751	2965875	-.079	.468	.468	11.95	565	6,751	1929947	.492	.689	.311
1168	20.65	121	2,498	161488	1.306	.904	.096	32.44	77	2,498	100338	.658	.745	.255
1169	28.39	44	1,249	28838	.569	.715	.285	62.45	20	1,249	13147	.408	.658	.342
1170	7.91	2,091	16,537	18160387	3.990	1.000	0	11.98	1,380	16,537	11852163	2.490	.994	.006
1171	10.11	1,211	12,247	7414870	-.006	.498	.498	15.56	787	12,247	4730153	-.898	.185	.185
1172	10.33	1,874	19,365	19012891	3.586	1.000	0	14.83	1,306	19,365	13205669	2.774	.997	.003
1173	13.84	1,719	23,783	20630027	.662	.746	.254	22.72	1,047	23,783	12492062	.188	.574	.426
1174	14.68	346	5,080	888596	.358	.640	.360	24.08	211	5,080	542295	.298	.617	.383
1175	12.91	2,101	27,125	28845723	.978	.836	.164	21.34	1,271	27,125	17458783	.791	.785	.215
1176	12.82	51	654	14104	-1.908	.028	.028	20.44	32	654	8888	-1.476	.070	.070
1177	13.53	105	1,421	75325	.172	.568	.432	18.46	77	1,421	54051	-.183	.427	.427
1178	12.58	1,419	17,848	13134627	2.429	.992	.008	19.25	927	17,848	8491821	1.398	.919	.081
1179	15.18	1,155	17,533	10122726	-.015	.494	.494	24.73	709	17,533	6314826	.737	.769	.231
1180	16.42	102	1,675	86765	.274	.608	.392	27.46	61	1,675	52706	.429	.666	.334
1181	33.47	36	1,205	17402	-2.055	.020	.020	70.88	17	1,205	10618	.262	.603	.397
1182	7.27	1,332	9,681	6584043	1.338	.910	.090	10.69	906	9,681	4434929	.588	.722	.278
1183	8.38	2,339	19,606	23536633	2.219	.987	.013	13.03	1,505	19,606	15246996	2.248	.988	.012
1184	33.75	238	8033	902824	-1.484	.069	.069	77.99	103	8,033	381604	-1.364	.086	.086
1185	11.23	762	8556	3231864	-.410	.341	.341	19.90	430	8,556	1923115	1.632	.949	.051
1186	8.00	753	6027	2272209	.064	.525	.475	12.33	489	6,027	1508780	.914	.820	.180
1187	7.11	1,615	11,476	9252299	-.109	.456	.456	10.55	1,088	11,476	6311464	.627	.735	.265
1188	33.13	302	10,006	1505352	-.111	.456	.456	69.49	144	10,006	758005	1.084	.861	.139
1189	14.67	1,306	19,158	12417469	-.464	.321	.321	23.05	831	19,158	8241288	1.763	.961	.039
1190	8.51	2,240	19,072	21815362	1.745	.960	.040	12.81	1,489	19,072	14673652	2.234	.987	.013
1191	25.86	28	724	8673	-1.323	.093	.093	45.25	16	724	4793	-1.195	.116	.116
1192	14.87	436	6,484	1444309	.788	.785	.215	24.38	266	6,484	907068	1.464	.928	.072
1193	10.32	740	7,637	2881212	0.926	.823	.177	14.72	519	7,637	2026463	0.889	.813	.187
1194	9.45	882	8,332	3606009	-.958	.169	.169	13.82	603	8,332	2559276	.799	.788	.212
1195	7.44	299	2,224	345035	1.130	.871	.129	11.71	190	2,224	214765	.394	.653	.347
1196	8.65	743	6,424	2462931	1.512	.935	.065	12.87	499	6,424	1623796	.507	.694	.306

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1197	10.33	1,918	19,815	19484985	1.926	.973	.027	16.11	1,230	19,815	12629095	2.208	.986	.014
1198	14.83	612	9,076	2916124	2.143	.984	.016	24.07	377	9,076	1823768	2.220	.987	.013
1199	36.00	10	360	1792	-.024	.490	.490	51.43	7	360	1417	.571	.716	.284
1200	13.45	1,070	14,391	7822422	.907	.818	.182	22.77	632	14,391	4708117	1.537	.938	.062
1201	17.92	107	1,917	104608	.358	.640	.360	33.63	57	1,917	54616	-.004	.498	.498
1202	15.93	1,218	19,400	12417363	3.084	.999	.001	29.57	656	19,400	6758811	2.758	.997	.003
1203	14.36	1,093	15,694	8181126	-2.642	.004	.004	23.32	673	15,694	4952706	-2.794	.003	.003
1204	14.77	1,048	15,481	8589418	3.300	1.000	0	25.98	596	15,481	4954175	3.124	.999	.001
1205	7.90	821	6,485	2628384	-.628	.265	.265	11.90	545	6,485	1785157	.412	.660	.340
1206	8.19	1,294	10,592	6920137	.610	.729	.271	13.13	807	10,592	4273141	-.008	.497	.497
1207	8.92	684	6,104	2054307	-.722	.235	.235	13.60	449	6,104	1357802	-.336	.368	.368
1208	17.04	1,145	19,506	11171525	.023	.509	.491	31.26	624	19,506	6134901	.349	.636	.364
1209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1210	12.00	309	3,709	562416	-.565	.286	.286	17.09	217	3,709	389650	-.810	.209	.209
1211	15.44	1,817	28,061	25307987	-.537	.296	.296	24.99	1,123	28,061	15751309	-.018	.493	.493
1212	15.41	625	9,634	3020313	.139	.555	.445	25.83	373	9,634	1837702	.763	.777	.223
1213	13.69	400	5,474	1045075	-1.573	.058	.058	23.29	235	5,474	646187	.124	.549	.451
1214	12.93	56	724	19110	-.743	.229	.229	19.05	38	724	12408	-1.046	.148	.148
1215	22.41	381	8,537	1515566	-2.302	.011	.011	49.06	174	8,537	677303	-2.012	.022	.022
1216	21.01	1,201	25,234	15142904	-.040	.484	.484	40.70	620	25,234	7511778	-1.713	.043	.043
1217	10.45	1,257	13,130	8187847	-.479	.316	.316	15.80	831	13,130	5448967	-.060	.476	.476
1218	10.75	304	3,269	495285	-.097	.461	.461	14.66	223	3,269	366093	.114	.545	.455
1219	9.95	1,974	19,632	19804405	1.698	.955	.045	15.36	1,278	19,632	12966935	2.083	.981	.019
1220	25.76	812	20,914	8672032	1.052	.853	.147	57.61	363	20,914	3894682	.859	.805	.195
1221	16.06	366	5,877	1119550	1.358	.913	.087	23.41	251	5,877	764884	1.017	.845	.155
1222	22.90	10	229	837	-1.473	.070	.070	57.25	4	229	427	-.235	.407	.407
1223	11.22	488	5,476	1354716	.532	.703	.297	17.17	319	5,476	909725	1.286	.901	.099
1224	11.05	179	1,978	172034	-.654	.257	.257	18.84	105	1,978	103287	-.095	.462	.462
1225	11.47	231	2,649	315626	.832	.797	.203	17.78	149	2,649	201974	.495	.690	.310
1226	16.06	1,364	21,901	14297347	-2.737	.003	.003	30.25	724	21,901	7466197	-2.716	.003	.003
1227	11.46	545	6,246	1701337	-.017	.493	.493	17.95	348	6,246	1056859	-.890	.187	.187
1228	13.24	1,893	25,070	24219294	1.558	.940	.060	20.82	1,204	25,070	14956490	-.540	.295	.295
1229	10.14	1,456	14,762	11037717	1.790	.963	.037	15.81	934	14,762	7040427	1.125	.870	.130
1230	10.29	1,396	14,360	9947560	-.489	.312	.312	16.78	856	14,360	6185592	.326	.628	.372
1231	10.39	75	779	30548	.686	.754	.246	16.94	46	779	19068	.755	.775	.225
1232	9.03	108	975	57171	1.546	.939	.061	15.98	61	975	32375	1.200	.885	.115
1233	11.70	455	5,323	1241481	.931	.824	.176	19.86	268	5,323	740086	1.066	.857	.143
1234	13.09	853	11,164	4967944	2.194	.986	.014	20.34	549	11,164	3254101	2.511	.994	.006
1235	11.47	361	4,140	772099	1.093	.863	.137	19.53	212	4,140	449572	.617	.731	.269
1236	13.35	166	2,216	172094	-1.436	.076	.076	18.31	121	2,216	122571	-1.634	.051	.051
1237	9.74	1,349	13,142	9235706	2.666	.996	.004	15.25	862	13,142	5939802	2.474	.993	.007
1238	10.80	2,359	25,474	30350053	.850	.802	.198	17.12	1,488	25,474	19187193	.827	.796	.204
1239	10.43	1,443	15,049	11134814	1.678	.953	.047	16.30	923	15,049	6886661	-.443	.329	.329
1240	18.22	103	1,877	88482	-1.488	.068	.068	29.33	64	1,877	54018	-1.395	.082	.082
1241	9.05	1,997	18,072	18498402	1.945	.974	.026	14.26	1,267	18,072	11577561	.694	.756	.244
1242	10.83	69	747	26812	.581	.719	.281	16.60	45	747	18006	.829	.796	.204
1243	7.30	2,412	17,604	21563270	1.334	.909	.091	11.04	1,595	17,604	14356563	1.564	.941	.059
1244	8.95	2,139	19,152	20935811	1.771	.962	.038	14.31	1,338	19,152	13213402	1.981	.976	.024
1245	16.25	1,167	18,958	11500746	2.347	.991	.009	26.04	728	18,958	7250053	2.366	.991	.009
1246	19.27	120	2,312	125697	-1.781	.037	.037	32.56	71	2,312	75642	-1.144	.126	.126
1247	15.06	1,008	15,182	7599956	-.372	.355	.355	24.25	626	15,182	4636474	-1.053	.146	.146
1248	6.78	9	61	268	-.123	.451	.451	7.63	8	61	244	0	.500	.500

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1249	10.82	1,139	12,327	7143647	1.028	.848	.152	17.24	715	12,327	4607504	2.108	.982	.018
1250	9.79	3,764	36,857	70367661	1.536	.938	.062	15.02	2,454	36,857	46189486	1.833	.967	.033
1251	14.58	76	1,108	34712	-2.651	.004	.004	25.18	44	1,108	19354	-2.367	.009	.009
1252	10.81	3,280	35,470	59282760	1.896	.971	.029	16.96	2,092	35,470	38018075	1.957	.975	.025
1253	10.58	422	4,465	999139	2.154	.984	.016	14.45	309	4,465	721673	1.405	.920	.080
1254	10.13	45	456	11284	1.160	.877	.123	14.25	32	456	7626	.443	.671	.329
1255	11.59	1,159	13,428	7681787	-.756	.225	.225	17.72	758	13,428	4910502	-1.675	.047	.047
1256	14.86	1,378	20,473	13796578	-1.410	.079	.079	23.95	855	20,473	8704901	-.274	.392	.392
1257	15.52	1,258	19,529	12616559	1.665	.952	.048	27.66	706	19,529	7218973	2.171	.985	.015
1258	9.69	375	3,633	670787	-.512	.304	.304	14.36	253	3,633	466938	.441	.671	.329
1259	28.63	8	229	1087	.915	.820	.180	57.25	4	229	658	1.513	.935	.065
1260	9.10	2,395	21,784	26689199	1.959	.975	.025	13.96	1,561	21,784	17363924	1.455	.927	.073
1261	14.76	554	8,179	2201408	-1.155	.124	.124	24.27	337	8,179	1385536	.170	.568	.432
1262	12.41	93	1,154	53341	-.100	.460	.460	20.61	56	1,154	30845	-.589	.278	.278
1263	6.88	75	516	19978	.487	.687	.313	9.21	56	516	14347	-.091	.464	.464
1264	18.21	85	1,548	67002	.294	.616	.384	28.67	54	1,548	47254	1.662	.952	.048
1265	8.36	413	3454	696464	-.829	.204	.204	12.42	278	3,454	491148	.664	.747	.253
1266	10.47	1,819	19,044	17773966	1.934	.973	.027	16.53	1,152	19,044	11306407	1.806	.965	.035
1267	13.40	1,006	13,484	6737185	-.367	.357	.357	20.65	653	13,484	4283253	-1.199	.115	.115
1268	14.04	1,222	17,161	10837138	2.031	.979	.021	21.72	790	17,161	6692184	-.621	.267	.267
1269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1270	11.76	186	2,187	200636	-.320	.374	.374	19.18	114	2,187	123050	-.239	.406	.406
1271	12.31	2,849	35,073	50120614	.294	.616	.384	19.55	1,794	35,073	30969360	-1.145	.126	.126
1272	14.10	283	3,991	517565	-2.433	.007	.007	21.93	182	3,991	329275	-2.182	.015	.015
1273	12.72	749	9,529	3645000	1.015	.845	.155	19.85	480	9,529	2264787	-.368	.356	.356
1274	7.86	783	6,153	2423725	.298	.617	.383	11.27	546	6,153	1707461	.667	.748	.252
1275	7.44	485	3,606	849934	-1.070	.142	.142	10.70	337	3,606	605214	-.125	.450	.450
1276	8.92	620	5,527	1750637	.938	.826	.174	14.06	393	5,527	1123985	1.199	.885	.115
1277	10.20	251	2,560	283733	-3.207	.001	.001	12.49	205	2,560	250390	-1.135	.128	.128
1278	8.58	3,378	28,977	49543026	1.236	.892	.108	12.69	2,283	28,977	33058287	-.047	.481	.481
1279	19.75	76	1,501	51586	-1.443	.074	.074	33.36	45	1,501	28902	-1.676	.047	.047
1280	13.83	389	5,379	1129092	2.706	.997	.003	24.34	221	5,379	650855	2.447	.993	.007
1281	9.50	653	6,203	2015262	-.219	.413	.413	14.98	414	6,203	1267370	-.457	.324	.324
1282	12.90	19	245	3061	2.379	.991	.009	22.27	11	245	1617	1.149	.875	.125
1283	14.03	373	5,233	979295	.115	.546	.454	20.68	253	5,233	715445	2.225	.987	.013
1284	8.99	1,087	9,769	5286111	-.251	.401	.401	12.94	755	9,769	3691382	.046	.518	.482
1285	27.49	766	21,056	8096794	.192	.576	.424	51.74	407	21,056	4242807	-.343	.366	.366
1286	8.62	2,123	18,295	19916912	2.041	.979	.021	12.38	1,478	18,295	13725523	1.012	.844	.156
1287	20.14	297	5,980	870702	-.583	.280	.280	32.15	186	5,980	542667	-.572	.284	.284
1288	13.90	867	12,048	4960996	-2.557	.005	.005	22.99	524	12,048	2963659	-2.423	.008	.008
1289	15.01	924	13,868	6427615	.169	.567	.433	23.08	601	13,868	4112206	-.562	.287	.287
1290	13.24	108	1,430	77830	.142	.557	.443	26.00	55	1,430	42225	.947	.828	.172
1291	12.28	99	1,216	62548	.675	.750	.250	20.27	60	1,216	37207	.267	.605	.395
1292	8.61	2,285	19,665	23041953	2.118	.983	.017	12.89	1,526	19,665	15289857	1.287	.901	.099
1293	11.81	1,443	17,041	12371676	.410	.659	.341	18.32	930	17,041	8029743	.704	.759	.241
1294	12.94	391	5,058	980505	-.289	.386	.386	19.45	260	5,058	638370	-.814	.208	.208
1295	8.51	75	638	27236	2.076	.981	.019	11.39	56	638	22140	3.103	.999	.001
1296	6.84	622	4,257	1313942	-.326	.372	.372	10.04	424	4,257	903377	.035	.514	.486
1297	14.04	193	2,709	215104	-4.263	0	0	23.35	116	2,709	139889	-2.046	.020	.020
1298	9.71	153	1,485	105802	-1.471	.071	.071	14.28	104	1,485	65888	-2.592	.005	.005
1299	7.46	1,299	9,696	6303542	.059	.524	.476	11.15	870	9,696	4275821	.703	.759	.241
1300	10.11	18	182	1948	1.391	.918	.082	20.22	9	182	978	1.009	.843	.157

Table 4. Summary of interoccurrence intervals for daily precipitation thresholds of 0.25 and 0.50 inch—Continued

Seq. no.	Daily precipitation threshold of 0.25 inch and greater							Daily precipitation threshold of 0.50 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1301	10.13	2,743	27,787	38738166	1.496	.933	.067	15.71	1,769	27,787	25040330	1.372	.915	.085
1302	10.97	1,704	18,695	16438350	2.290	.989	.011	17.14	1,091	18,695	10621370	2.374	.991	.009
1303	11.64	25	291	3301	-.801	.212	.212	15.32	19	291	2343	-1.151	.125	.125
1304	10.49	347	3,640	613074	-.943	.173	.173	16.70	218	3,640	391833	-.318	.375	.375
1305	33.97	667	22,655	8004215	2.657	.996	.004	79.77	284	22,655	3352707	1.231	.891	.109
1306	19.91	752	14,972	5788249	1.340	.910	.090	31.59	474	14,972	3605392	.606	.728	.272

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch

[--, not available, no events that equal or exceed the threshold were observed]

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1	51.22	381	19,514	3816445	0.901	.816	.184	80.97	241	19,514	2356211	0.055	.522	.478
2	60.00	4	240	324	-1.126	.130	.130	80.00	3	240	202	-1.317	.094	.094
3	36.93	534	19,720	5374840	.833	.798	.202	57.66	342	19,720	3313512	-.557	.289	.289
4	39.51	213	8,416	869674	-.751	.226	.226	57.25	147	8,416	603669	-.506	.306	.306
5	52.04	365	18,993	3780885	3.004	.999	.001	78.81	241	18,993	2509901	2.599	.995	.005
6	43.48	81	3,522	130253	-1.354	.088	.088	71.88	49	3,522	79066	-1.015	.155	.155
7	29.20	283	8,264	1150974	-.458	.324	.324	43.27	191	8,264	752391	-1.117	.132	.132
8	47.03	31	1,458	23820	.521	.699	.301	60.75	24	1,458	18210	.346	.635	.365
9	35.28	82	2,893	109801	-1.165	.122	.122	53.57	54	2,893	73522	-.748	.227	.227
10	21.40	10	214	934	-.696	.243	.243	23.78	9	214	898	-.351	.363	.363
11	38.49	159	6,120	528232	1.872	.969	.031	49.36	124	6,120	414674	1.791	.963	.037
12	31.71	1,122	35,581	20143403	.530	.702	.298	48.54	733	35,581	13456244	1.495	.933	.067
13	24.24	619	15,005	4914642	2.511	.994	.006	36.51	411	15,005	3222921	1.587	.944	.056
14	34.56	867	29,966	13233500	.955	.830	.170	49.04	611	29,966	9655906	2.344	.990	.010
15	43.82	39	1,709	29539	-1.229	.110	.110	63.30	27	1,709	20357	-1.059	.145	.145
16	41.00	3	123	65	-1.943	.026	.026	61.50	2	123	47	-1.514	.065	.065
17	123.00	1	123	65	.099	.539	.461	--	--	--	--	--	--	--
18	66.84	412	27,539	5702876	.185	.573	.427	110.60	249	27,539	3543901	.919	.821	.179
19	18.27	1,053	19,240	10664329	2.966	.998	.002	27.06	711	19,240	7255350	2.806	.997	.003
20	22.34	274	6,122	843730	.172	.568	.432	30.31	202	6,122	593462	-.990	.161	.161
21	21.03	251	5,279	647771	-.611	.271	.271	32.99	160	5,279	408608	-.711	.239	.239
22	17.25	2,003	34,541	34900898	.690	.755	.245	23.87	1,447	34,541	25309464	.841	.800	.200
23	26.38	45	1,187	28275	.682	.752	.248	38.29	31	1,187	17659	-.388	.349	.349
24	49.61	397	19,693	3944886	.316	.624	.376	84.16	234	19,693	2278020	-.300	.382	.382
25	50.95	270	13,756	1746381	-1.696	.045	.045	72.40	190	13,756	1241939	-1.185	.118	.118
26	16.33	1,905	31,099	29882011	.664	.747	.253	22.18	1,402	31,099	21974171	.517	.697	.303
27	19.95	1,042	20,787	10490866	-1.751	.040	.040	27.72	750	20,787	7477228	-1.934	.027	.027
28	25.10	479	12,022	3002141	1.618	.947	.053	38.66	311	12,022	2025405	2.549	.995	.005
29	64.83	245	15,884	1872784	-1.017	.155	.155	101.82	156	15,884	1161097	-1.359	.087	.087
30	16.61	1,904	31,631	31437517	3.325	1.000	0	22.43	1,410	31,631	23414945	3.252	.999	.001
31	21.11	859	18,129	8024998	1.556	.940	.060	30.07	603	18,129	5659170	1.504	.934	.066
32	31.06	536	16,648	4334756	-1.141	.127	.127	45.49	366	16,648	2978856	-.737	.231	.231
33	28.10	825	23,183	9673148	.573	.717	.283	42.00	552	23,183	6534766	.867	.807	.193
34	21.18	171	3,622	321822	.888	.813	.187	35.86	101	3,622	184604	.161	.564	.436
35	28.91	356	10,292	1973949	2.533	.994	.006	39.89	258	10,292	1445751	2.474	.993	.007
36	23.18	478	11,081	2556998	-1.306	.096	.096	30.28	366	11,081	1934485	-1.525	.064	.064
37	23.62	462	10,911	2553236	.484	.686	.314	34.31	318	10,911	1764488	.528	.701	.299
38	28.77	779	22,410	9241429	2.840	.998	.002	44.38	505	22,410	5878191	1.511	.935	.065
39	21.61	904	19,535	9256678	2.518	.994	.006	31.41	622	19,535	6377995	2.152	.984	.016
40	32.13	323	10,379	1752800	1.422	.923	.077	45.93	226	10,379	1230876	1.289	.901	.099
41	19.25	1,288	24,787	16300241	1.314	.906	.094	28.20	879	24,787	11203741	1.461	.928	.072
42	37.20	20	744	6755	-.713	.238	.238	53.14	14	744	5243	.044	.517	.483
43	38.06	843	32,082	13449045	-.273	.392	.392	57.50	558	32,082	8800541	-.687	.246	.246
44	19.88	989	19,656	10148703	2.403	.992	.008	27.72	709	19,656	7288384	2.120	.983	.017
45	16.96	1,117	18,947	11075906	2.702	.997	.003	23.33	812	18,947	8245983	3.551	1.000	0
46	26.01	994	25,853	12721692	-.541	.294	.294	37.41	691	25,853	8810086	-.623	.267	.267
47	28.41	224	6,363	764381	1.882	.970	.030	42.42	150	6,363	528453	2.277	.989	.011
48	28.24	200	5,648	601364	1.586	.944	.056	41.23	137	5,648	425808	2.039	.979	.021

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
49	15.10	20	302	3540	1.334	.909	.091	27.46	11	302	1775	0.394	.653	.347
50	24.73	37	915	19784	1.778	.962	.038	45.75	20	915	11406	1.910	.972	.028
51	25.96	702	18,223	6380688	-.112	.455	.455	35.66	511	18,223	4610113	-.386	.350	.350
52	20.58	637	13,109	4192991	.186	.574	.426	30.28	433	13,109	2766926	-.904	.183	.183
53	12.75	24	306	3616	-.129	.448	.448	18.00	17	306	2969	1.010	.844	.156
54	29.00	3	87	96	-.793	.214	.214	29.00	3	87	96	-.793	.214	.214
55	32.13	307	9,865	1482908	-.629	.265	.265	44.84	220	9,865	1067504	-.418	.338	.338
56	39.75	60	2,385	70580	-.182	.428	.428	72.27	33	2,385	34616	-1.198	.116	.116
57	72.25	271	19,579	2777083	1.334	.909	.091	117.95	166	19,579	1800859	2.414	.992	.008
58	40.53	15	608	3295	-1.861	.031	.031	50.67	12	608	2559	-1.791	.037	.037
59	36.74	986	36,226	17905266	.140	.556	.444	54.48	665	36,226	11882118	-.605	.273	.273
60	140.00	3	420	527	-.491	.312	.312	420.00	1	420	339	1.064	.856	.144
61	86.81	321	27,865	4661655	1.314	.905	.095	146.66	190	27,865	2743441	.868	.807	.193
62	43.60	5	218	701	1.109	.866	.134	109.00	2	218	304	.966	.833	.167
63	52.28	39	2,039	44242	1.219	.889	.111	81.56	25	2,039	27321	.623	.733	.267
64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
65	27.09	274	7,422	1025613	.248	.598	.402	37.87	196	7,422	726917	-.015	.494	.494
66	27.79	84	2,334	88293	-1.577	.057	.057	36.47	64	2,334	65242	-1.753	.040	.040
67	21.98	607	13,340	4192949	1.521	.936	.064	32.94	405	13,340	2801767	1.296	.902	.098
68	63.10	83	5,237	224905	.550	.709	.291	104.74	50	5,237	139837	.834	.798	.202
69	86.26	57	4,917	145693	.519	.698	.302	144.62	34	4,917	83246	-.041	.483	.483
70	25.27	41	1,036	26910	2.962	.998	.002	34.53	30	1,036	20035	2.744	.997	.003
71	27.21	28	762	10233	-.374	.354	.354	40.11	19	762	6758	-.502	.308	.308
72	34.38	127	4,366	286151	.627	.735	.265	50.18	87	4,366	193643	.317	.624	.376
73	34.73	360	12,503	2313199	.915	.820	.180	48.65	257	12,503	1707227	1.739	.959	.041
74	25.17	48	1,208	31087	.867	.807	.193	35.53	34	1,208	22527	.979	.836	.164
75	19.24	1,218	23,435	15081105	3.427	1.000	0	25.95	903	23,435	11392532	3.993	1.000	0
76	57.70	20	1,154	11509	-.021	.492	.492	96.17	12	1,154	7085	.140	.556	.444
77	15.81	1,002	15,838	8066916	.913	.819	.181	20.98	755	15,838	6105921	1.012	.844	.156
78	32.91	22	724	7595	-.376	.353	.353	45.25	16	724	5369	-.506	.306	.306
79	20.82	28	583	9834	1.878	.970	.030	30.68	19	583	6881	1.830	.966	.034
80	15.47	2,301	35,599	42448046	3.025	.999	.001	21.39	1,664	35,599	30579926	2.294	.989	.011
81	15.51	911	14,126	6698981	2.150	.984	.016	21.57	655	14,126	4856381	2.205	.986	.014
82	18.34	691	12,671	4448061	.730	.767	.233	23.60	537	12,671	3488710	1.021	.846	.154
83	29.61	1,204	35,650	21613219	.425	.665	.335	42.34	842	35,650	15310488	1.011	.844	.156
84	19.29	405	7,812	1608603	.588	.722	.278	26.13	299	7,812	1165131	-.071	.472	.472
85	20.69	80	1,655	66921	.169	.567	.433	27.58	60	1,655	51787	.578	.718	.282
86	25.00	578	14,452	4461186	2.837	.998	.002	36.40	397	14,452	3010978	1.711	.956	.044
87	37.91	32	1,213	18157	-.632	.264	.264	50.54	24	1,213	14164	-.229	.410	.410
88	33.65	382	12,853	2467741	.177	.570	.430	46.07	279	12,853	1881674	1.431	.924	.076
89	25.91	736	19,069	7303011	1.913	.972	.028	39.32	485	19,069	4835973	1.747	.960	.040
90	32.12	199	6,392	618410	-.676	.250	.250	50.33	127	6,392	420634	.709	.761	.239
91	36.72	338	12,411	2000528	-1.472	.071	.071	57.73	215	12,411	1287022	-.898	.185	.185
92	25.07	494	12,385	3169387	1.388	.917	.083	35.90	345	12,385	2193436	.859	.805	.195
93	15.17	140	2,124	151358	.369	.644	.356	19.67	108	2,124	116361	.261	.603	.397
94	78.58	31	2,436	34152	-.921	.179	.179	187.39	13	2,436	16300	.184	.573	.427
95	36.93	28	1,034	11619	-1.809	.035	.035	54.42	19	1,034	8012	-1.392	.082	.082
96	48.26	286	13,801	1938551	-.519	.302	.302	74.20	186	13,801	1260498	-.423	.336	.336
97	75.27	15	1,129	6151	-1.835	.033	.033	102.64	11	1,129	4729	-1.370	.085	.085
98	50.52	377	19,044	3845520	2.396	.992	.008	74.39	256	19,044	2617430	2.044	.980	.020
99	28.50	4	114	156	-1.094	.137	.137	38.00	3	114	148	-.404	.343	.343
100	39.26	728	28,580	10944880	2.434	.993	.007	55.28	517	28,580	7903819	2.750	.997	.003

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
101	32.78	281	9,211	1254807	-0.883	.189	.189	44.93	205	9,211	883272	-1.599	.055	.055
102	24.72	32	791	14199	1.195	.884	.116	30.42	26	791	10752	.403	.656	.344
103	25.90	1,446	37,448	27896360	1.998	.977	.023	38.25	979	37,448	19349503	3.012	.999	.001
104	30.32	207	6,276	693950	1.703	.956	.044	45.15	139	6,276	464542	1.328	.908	.092
105	37.67	272	10,246	1347592	-.940	.174	.174	50.72	202	10,246	1023732	-.264	.396	.396
106	47.49	75	3,562	110515	-2.590	.005	.005	80.96	44	3,562	67480	-1.596	.055	.055
107	22.42	334	7,487	1281725	.795	.787	.213	30.44	246	7,487	946678	.760	.776	.224
108	25.79	1,448	37,342	27643807	1.483	.931	.069	36.83	1,014	37,342	19139044	.602	.726	.274
109	14.59	988	14,412	7329318	1.604	.946	.054	20.44	705	14,412	5227872	1.337	.909	.091
110	19.39	1,790	34,710	32348723	3.027	.999	.001	27.46	1,264	34,710	22652374	2.009	.978	.022
111	29.86	42	1,254	28472	.911	.819	.181	50.16	25	1,254	15566	-.060	.476	.476
112	43.31	530	22,955	5949267	-.877	.190	.190	71.07	323	22,955	3730114	.192	.576	.424
113	40.76	59	2,405	59770	-2.096	.018	.018	77.58	31	2,405	36089	-.308	.379	.379
114	54.22	37	2,006	42268	1.464	.928	.072	111.44	18	2,006	19042	.402	.656	.344
115	123.71	146	18,062	1365879	.752	.774	.226	240.83	75	18,062	738307	1.351	.912	.088
116	49.20	118	5,805	354698	.670	.749	.251	73.48	79	5,805	241625	.828	.796	.204
117	44.58	431	19,214	4277397	1.188	.883	.118	73.06	263	19,214	2537355	.119	.547	.453
118	45.96	22	1,011	11459	.247	.598	.402	59.47	17	1,011	8352	-.201	.420	.420
119	26.32	1,048	27,586	15253953	3.099	.999	.001	38.21	722	27,586	10646424	3.215	.999	.001
120	16.42	1,168	19,175	11639799	2.334	.990	.010	22.91	837	19,175	8394900	2.312	.990	.010
121	24.35	754	18,359	7443885	3.591	1.000	0	35.86	512	18,359	5186240	4.056	1.000	0
122	46.22	187	8,643	824133	.469	.681	.319	68.06	127	8,643	566031	.612	.730	.270
123	38.22	903	34,510	15891790	1.037	.850	.150	53.34	647	34,510	11438954	1.085	.861	.139
124	35.12	215	7,550	830836	.601	.726	.274	45.21	167	7,550	616097	-.509	.306	.306
125	34.19	694	23,727	8529918	1.644	.950	.050	50.38	471	23,727	5743426	1.048	.853	.147
126	19.46	186	3,619	353174	1.166	.878	.122	27.84	130	3,619	235077	-.013	.495	.495
127	56.35	344	19,385	3265114	-.666	.253	.253	91.01	213	19,385	1977936	-1.060	.145	.145
128	17.42	625	10,885	3451819	.640	.739	.261	23.06	472	10,885	2589015	.295	.616	.384
129	26.53	740	19,634	7436364	1.114	.867	.133	40.57	484	19,634	4917611	1.333	.909	.091
130	32.61	808	26,350	10922421	1.281	.900	.100	47.82	551	26,350	7477177	1.220	.889	.111
131	31.71	24	761	9546	.385	.650	.350	42.28	18	761	6779	-.075	.470	.470
132	21.54	652	14,041	4755950	1.726	.958	.042	31.70	443	14,041	3201049	1.066	.857	.143
133	21.27	1,707	36,302	31674693	1.596	.945	.055	29.39	1,235	36,302	22920540	1.369	.914	.086
134	32.49	37	1,202	18344	-1.845	.033	.033	38.77	31	1,202	15019	-1.870	.031	.031
135	33.78	36	1,216	22352	.220	.587	.413	55.27	22	1,216	14318	.572	.716	.284
136	26.42	1,174	31,019	18483631	.898	.815	.185	39.67	782	31,019	12767654	2.553	.995	.005
137	26.56	133	3,532	246419	.982	.837	.163	40.14	88	3,532	168710	1.391	.918	.082
138	32.27	237	7,647	986463	2.363	.991	.009	46.91	163	7,647	678563	1.963	.975	.025
139	143.00	1	143	105	.812	.791	.209	--	--	--	--	--	--	--
140	21.50	60	1,290	39077	.131	.552	.448	29.32	44	1,290	28815	.176	.570	.430
141	16.39	651	10,670	3519164	.586	.721	.279	24.25	440	10,670	2346493	-.014	.494	.494
142	15.09	532	8,028	2204335	1.289	.901	.099	20.53	391	8,028	1630846	1.339	.910	.090
143	15.68	1,146	17,968	10398759	.587	.721	.279	22.38	803	17,968	7275692	.419	.662	.338
144	49.35	279	13,768	1809796	-1.670	.048	.048	75.65	182	13,768	1126366	-2.360	.009	.009
145	52.78	331	17,470	2888294	-.033	.487	.487	76.29	229	17,470	1988337	-.157	.438	.438
146	38.09	744	28,335	10833897	1.315	.906	.094	53.26	532	28,335	7720978	.975	.835	.165
147	30.22	643	19,432	6630128	2.691	.996	.004	44.88	433	19,432	4599240	3.360	1.000	0
148	52.79	24	1,267	16020	.455	.676	.324	97.46	13	1,267	8304	.052	.521	.479
149	23.78	9	214	1127	.885	.812	.188	23.78	9	214	1127	.885	.812	.188
150	27.52	42	1,156	24894	.286	.613	.387	38.53	30	1,156	17385	.025	.510	.490
151	35.09	200	7,017	683327	-.641	.261	.261	50.85	138	7,017	468234	-.670	.252	.252
152	80.67	98	7,906	368358	-.843	.200	.200	127.52	62	7,906	235480	-.535	.297	.297

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
153	19.82	731	14,486	5525248	2.040	.979	.021	27.44	528	14,486	4103452	2.905	.998	.002
154	45.08	237	10,685	1194343	-1.513	.065	.065	72.20	148	10,685	719615	-1.894	.029	.029
155	24.58	897	22,051	9883796	-.032	.487	.487	35.51	621	22,051	7026580	1.133	.871	.129
156	66.26	222	14,709	1638658	.094	.538	.462	122.58	120	14,709	836275	-.995	.160	.160
157	63.50	2	127	132	.096	.538	.462	--	--	--	--	--	--	--
158	30.40	67	2,037	59015	-1.917	.028	.028	65.71	31	2,037	25686	-1.798	.036	.036
159	28.80	611	17,595	5439143	.509	.694	.306	42.92	410	17,595	3672502	.637	.738	.262
160	22.66	264	5,981	791067	.056	.522	.478	34.37	174	5,981	518903	-.063	.475	.475
161	25.88	521	13,484	3506179	-.072	.471	.471	38.31	352	13,484	2312386	-.833	.203	.203
162	26.76	367	9,819	1932838	2.413	.992	.008	37.91	259	9,819	1373263	2.230	.987	.013
163	27.61	1,247	34,426	22708965	3.546	1.000	0	39.34	875	34,426	15924216	2.935	.998	.002
164	27.26	19	518	5137	.331	.630	.370	37.00	14	518	3626	0	.500	.500
165	35.91	33	1,185	18761	-.403	.344	.344	53.86	22	1,185	12472	-.351	.363	.363
166	30.01	211	6,331	685374	.657	.744	.256	40.07	158	6,331	518275	.789	.785	.215
167	34.49	35	1,207	18556	-1.245	.107	.107	54.86	22	1,207	11877	-.857	.196	.196
168	20.43	690	14,097	4899962	.341	.634	.366	29.99	470	14,097	3280606	-.365	.358	.358
169	24.82	49	1,216	32279	1.012	.844	.156	36.85	33	1,216	19247	-.405	.343	.343
170	39.77	153	6,084	476839	.525	.700	.300	64.04	95	6,084	293760	.279	.610	.390
171	34.74	237	8,233	976559	.026	.510	.490	52.44	157	8,233	652731	.216	.586	.414
172	23.97	1,370	32,834	22876958	1.099	.864	.136	35.15	934	32,834	15468144	.465	.679	.321
173	44.96	44	1,978	41009	-.662	.254	.254	54.94	36	1,978	33919	-.492	.311	.311
174	35.72	173	6,180	568933	1.464	.928	.072	51.93	119	6,180	377970	.527	.701	.299
175	22.40	62	1,389	47916	1.538	.938	.062	31.57	44	1,389	36025	2.056	.980	.020
176	33.25	603	20,049	6212491	1.180	.881	.119	47.17	425	20,049	4394766	1.126	.870	.130
177	40.67	790	32,125	12686451	-.011	.496	.496	61.78	520	32,125	8203217	-.706	.240	.240
178	30.09	11	331	1538	-.891	.186	.186	41.38	8	331	1202	-.451	.326	.326
179	106.92	182	19,460	1956464	2.449	.993	.007	178.53	109	19,460	1170290	1.871	.969	.031
180	18.50	901	16,672	7754751	1.689	.954	.046	26.26	635	16,672	5333639	.332	.630	.370
181	47.14	599	28,238	8366593	-.455	.325	.325	75.71	373	28,238	5372059	.671	.749	.251
182	25.33	550	13,932	3836822	.059	.523	.477	36.57	381	13,932	2623913	-.384	.351	.351
183	23.02	84	1,934	84612	.661	.746	.254	36.49	53	1,934	55358	1.011	.844	.156
184	16.32	53	865	23548	.344	.635	.365	19.66	44	865	19480	.272	.607	.393
185	62.97	35	2,204	35475	-.822	.206	.206	100.18	22	2,204	22664	-.529	.298	.298
186	33.12	69	2,285	78377	-.083	.467	.467	40.80	56	2,285	67341	.681	.752	.248
187	15.25	4	61	122	0	.500	.500	30.50	2	61	63	.080	.532	.468
188	29.06	510	14,820	3744959	-.353	.362	.362	42.34	350	14,820	2650953	.718	.763	.237
189	43.02	614	26,415	8060020	-.261	.397	.397	61.86	427	26,415	5549472	-.572	.284	.284
190	22.54	839	18,911	8320703	2.451	.993	.007	31.47	601	18,911	5894721	1.584	.943	.057
191	38.04	337	12,819	2238277	1.152	.875	.125	52.75	243	12,819	1605844	.838	.799	.201
192	16.00	1,136	18,176	10818202	2.795	.997	.003	22.44	810	18,176	7878114	3.461	1.000	0
193	45.90	265	12,164	1851240	4.190	1.000	0	78.48	155	12,164	1068225	2.871	.998	.002
194	28.70	224	6,429	697861	-.799	.212	.212	39.93	161	6,429	516710	-.035	.486	.486
195	121.62	78	9,486	352836	-.708	.240	.240	225.86	42	9,486	184569	-.825	.205	.205
196	42.48	339	14,400	2476327	.464	.679	.321	64.29	224	14,400	1646616	.544	.707	.293
197	21.47	377	8,095	1618569	2.042	.979	.021	29.22	277	8,095	1190239	1.776	.962	.038
198	21.36	593	12,665	3827926	.817	.793	.207	31.20	406	12,665	2720115	2.024	.979	.021
199	15.79	1,446	22,827	16494786	-.037	.485	.485	22.06	1,035	22,827	11975702	.768	.779	.221
200	28.88	489	14,121	3585921	1.479	.930	.070	44.13	320	14,121	2330142	.971	.834	.166
201	20.02	1,146	22,939	13503066	1.602	.945	.055	27.84	824	22,939	9880966	2.263	.988	.012
202	23.14	21	486	5873	1.198	.884	.116	34.71	14	486	3749	.661	.746	.254
203	25.62	550	14,090	4016226	1.483	.931	.069	38.50	366	14,090	2693176	1.474	.930	.070
204	13.48	103	1,388	71578	.024	.509	.491	18.76	74	1,388	51129	-.066	.474	.474

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
205	128.00	3	384	509	-0.349	.364	.364	192.00	2	384	333	-0.325	.372	.372
206	44.32	66	2,925	84691	-1.725	.042	.042	86.03	34	2,925	42292	-1.510	.066	.066
207	39.69	13	516	3118	-.439	.330	.330	73.71	7	516	1692	-.289	.386	.386
208	45.77	180	8,239	807911	2.081	.981	.019	71.64	115	8,239	543104	2.720	.997	.003
209	27.90	548	15,291	4170015	-.191	.424	.424	39.61	386	15,291	3042089	1.049	.853	.147
210	33.80	127	4,292	289100	1.186	.882	.118	49.91	86	4,292	187637	.268	.606	.394
211	32.90	62	2,040	58585	-1.004	.158	.158	51.00	40	2,040	41414	.165	.566	.434
212	34.96	410	14,334	2901243	-.444	.328	.328	49.09	292	14,334	2065778	-.382	.351	.351
213	23.33	136	3,173	232555	1.572	.942	.058	32.71	97	3,173	162731	.980	.836	.164
214	41.50	28	1,162	14589	-.946	.172	.172	61.16	19	1,162	10772	-.183	.428	.428
215	33.38	24	801	9435	-.156	.438	.438	61.62	13	801	5903	.835	.798	.202
216	35.28	43	1,517	30905	-.596	.276	.276	54.18	28	1,517	22143	.391	.652	.348
217	35.23	430	15,148	3184004	-.803	.211	.211	51.70	293	15,148	2128580	-1.210	.113	.113
218	45.01	411	18,497	4001427	1.850	.968	.032	72.25	256	18,497	2446908	.928	.823	.177
219	--	--	--	--	--	--	--	--	--	--	--	--	--	--
220	35.87	683	24,501	8190214	-.957	.169	.169	54.21	452	24,501	5187302	-2.327	.010	.010
221	14.04	336	4,717	801365	.357	.639	.361	18.64	253	4,717	628624	1.474	.930	.070
222	56.01	353	19,773	3763159	2.548	.995	.005	97.40	203	19,773	2124848	1.450	.926	.074
223	37.84	172	6,509	567978	.333	.630	.370	53.35	122	6,509	395660	-.067	.473	.473
224	45.99	133	6,117	403395	-.166	.434	.434	81.56	75	6,117	217131	-.802	.211	.211
225	27.91	424	11,834	2682641	2.471	.993	.007	34.70	341	11,834	2090509	1.154	.876	.124
226	40.69	822	33,447	13558696	-.679	.249	.249	62.29	537	33,447	8609652	-1.658	.049	.049
227	17.14	70	1,200	45274	1.130	.871	.129	24.49	49	1,200	32357	1.219	.889	.111
228	16.97	2,006	34,037	34163435	.055	.522	.478	23.60	1,442	34,037	24567134	.071	.528	.472
229	29.48	309	9,110	1506593	2.144	.984	.016	42.37	215	9,110	1067417	2.285	.989	.011
230	37.79	847	32,007	13389170	-.617	.269	.269	57.77	554	32,007	8471987	-1.812	.035	.035
231	24.75	1,337	33,090	22250397	.371	.645	.355	35.43	934	33,090	15545690	.317	.625	.375
232	20.81	120	2,497	151862	.259	.602	.398	30.45	82	2,497	108770	.979	.836	.164
233	15.88	1,088	17,281	9756868	2.164	.985	.015	21.85	791	17,281	7014677	1.283	.900	.100
234	21.12	49	1,035	24507	-.407	.342	.342	38.33	27	1,035	11576	-1.544	.061	.061
235	24.84	941	23,374	10573000	-2.051	.020	.020	36.93	633	23,374	7048168	-2.060	.020	.020
236	38.03	151	5,743	405285	-1.390	.082	.082	50.38	114	5,743	311246	-.910	.182	.182
237	17.97	1,034	18,579	10290330	3.972	1.000	0	24.45	760	18,579	7329926	1.826	.966	.034
238	34.91	122	4,259	236171	-1.740	.041	.041	52.58	81	4,259	174476	.180	.571	.429
239	17.61	984	17,330	9020415	3.148	.999	.001	24.72	701	17,330	6360491	2.162	.985	.015
240	60.97	214	13,047	1417960	.398	.655	.345	111.51	117	13,047	765577	.057	.523	.477
241	30.59	1,223	37,406	22751455	-.324	.373	.373	44.85	834	37,406	15839033	.772	.780	.220
242	20.88	839	17,517	7530962	1.247	.894	.106	30.10	582	17,517	5088157	-.076	.470	.470
243	22.19	932	20,679	9501051	-.743	.229	.229	32.46	637	20,679	6394465	-1.273	.102	.102
244	18.40	5	92	154	-1.280	.100	.100	18.40	5	92	154	-1.280	.100	.100
245	43.25	610	26,383	7761323	-1.518	.065	.065	63.88	413	26,383	5094793	-2.283	.011	.011
246	19.95	1,004	20,030	10705029	3.548	1.000	0	27.51	728	20,030	7827685	3.441	1.000	0
247	27.60	1,106	30,526	17294155	1.410	.921	.079	43.30	705	30,526	11139169	1.619	.947	.053
248	25.97	76	1,974	75667	.132	.552	.448	34.63	57	1,974	57416	.269	.606	.394
249	18.50	163	3,015	260636	1.342	.910	.090	23.56	128	3,015	201090	.826	.795	.205
250	54.63	136	7,429	460476	-1.787	.037	.037	80.75	92	7,429	320582	-1.028	.152	.152
251	120.50	2	241	165	-.773	.220	.220	--	--	--	--	--	--	--
252	49.43	47	2,323	50009	-.997	.160	.160	70.39	33	2,323	34520	-.989	.161	.161
253	37.84	37	1,400	29497	1.463	.928	.072	50.00	28	1,400	24062	2.087	.982	.018
254	53.68	363	19,485	3611287	.698	.757	.243	89.38	218	19,485	2212720	1.070	.858	.142
255	18.14	1,066	19,333	10771117	2.561	.995	.005	24.85	778	19,333	7958402	2.813	.998	.002
256	17.07	1,067	18,213	10198824	2.808	.998	.002	24.32	749	18,213	7262480	3.070	.999	.001

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
257	202.67	3	608	803	-0359	.360	.360	202.67	3	608	803	-0.359	.360	.360
258	50.56	385	19,465	3869214	1.108	.866	.134	78.49	248	19,465	2610376	2.223	.987	.013
259	28.07	161	4,519	321096	-2.579	.005	.005	44.74	101	4,519	202781	-1.940	.026	.026
260	24.93	885	22,062	9570882	-1.011	.156	.156	35.58	620	22,062	6842022	.018	.507	.493
261	28.65	51	1,461	35621	-.543	.294	.294	42.97	34	1,461	23146	-.688	.246	.246
262	23.72	283	6,712	929823	-.611	.271	.271	31.96	210	6,712	696125	-.308	.379	.379
263	122.77	151	18,538	1559730	2.435	.993	.007	226.07	82	18,538	874095	2.353	.991	.009
264	32.25	369	11,901	2416640	3.347	1.000	0	44.41	268	11,901	1753392	2.821	.998	.002
265	31.01	636	19,723	6577974	2.132	.983	.017	42.88	460	19,723	4811537	2.254	.988	.012
266	13.68	242	3,310	399511	-.067	.473	.473	18.60	178	3,310	289296	-.415	.339	.339
267	21.96	1,658	36,415	30338883	.352	.638	.362	31.39	1,160	36,415	21509566	1.086	.861	.139
268	20.18	181	3,653	336695	.430	.666	.334	29.70	123	3,653	236091	.977	.836	.164
269	23.63	30	709	11934	1.159	.877	.123	35.45	20	709	8674	1.731	.958	.042
270	27.12	522	14,154	3751926	.618	.732	.268	38.36	369	14,154	2663116	.659	.745	.255
271	--	--	--	--	--	--	--	--	--	--	--	--	--	--
272	--	--	--	--	--	--	--	--	--	--	--	--	--	--
273	40.01	794	31,770	12560740	-.201	.420	.420	55.93	568	31,770	8982155	-.185	.426	.426
274	43.28	263	11,383	1646467	2.807	.998	.003	57.20	199	11,383	1248542	2.501	.994	.006
275	36.97	65	2,403	74198	-.697	.243	.243	42.91	56	2,403	64077	-.618	.268	.268
276	41.66	155	6,457	492516	-.341	.367	.367	67.97	95	6,457	303153	-.196	.422	.422
277	23.85	47	1,121	28457	.953	.830	.170	33.97	33	1,121	19449	.512	.696	.304
278	21.49	551	11,840	3292423	.380	.648	.352	31.49	376	11,840	2192244	-.508	.306	.306
279	365.50	2	731	449	-.945	.172	.172	365.50	2	731	449	-.945	.172	.172
280	68.40	241	16,485	2095962	1.483	.931	.069	111.39	148	16,485	1273652	.929	.823	.177
281	26.44	167	4,415	398495	1.812	.965	.035	38.73	114	4,415	265818	1.041	.851	.149
282	23.12	58	1,341	38818	-.024	.490	.490	34.39	39	1,341	28041	.782	.783	.217
283	25.25	769	19,415	7575233	.709	.761	.239	39.79	488	19,415	4772123	.282	.611	.389
284	34.18	279	9,535	1359736	.644	.740	.260	50.45	189	9,535	981989	2.139	.984	.016
285	18.03	1,805	32,536	29195740	-.421	.337	.337	24.01	1,355	32,536	21206112	-2.421	.008	.008
286	41.20	907	37,369	16619580	-1.007	.157	.157	63.34	590	37,369	10769344	-.971	.166	.166
287	44.54	41	1,826	36508	-.274	.392	.392	62.97	29	1,826	25813	-.234	.407	.407
288	28.97	455	13,182	3056487	.709	.761	.239	42.25	312	13,182	1987641	-1.023	.153	.153
289	39.10	29	1,134	13393	-1.730	.042	.042	59.68	19	1,134	7386	-2.374	.009	.009
290	31.72	962	30,511	14691629	.058	.523	.477	46.16	661	30,511	10064198	-.087	.465	.465
291	43.36	450	19,511	4398844	.074	.530	.470	65.69	297	19,511	2884179	-.136	.446	.446
292	28.09	78	2,191	85284	-.030	.488	.488	38.44	57	2,191	61458	-.206	.418	.418
293	25.21	1,401	35,323	25002283	.677	.751	.249	34.77	1,016	35,323	18548346	1.859	.968	.032
294	17.14	1,099	18,834	10550431	1.116	.868	.132	22.50	837	18,834	8064310	1.159	.877	.123
295	28.81	206	5,935	636007	1.005	.842	.158	41.80	142	5,935	441014	.961	.832	.168
296	18.02	954	17,191	8485662	1.863	.969	.031	25.10	685	17,191	6028516	1.083	.860	.140
297	16.94	1,154	19,546	11713827	2.274	.989	.012	23.84	820	19,546	8292648	1.725	.958	.042
298	22.83	448	10,227	2351736	.974	.835	.165	35.63	287	10,227	1508334	.815	.792	.208
299	77.67	3	233	272	-.665	.253	.253	116.50	2	233	136	-1.020	.154	.154
300	55.19	88	4,857	213723	.001	.500	.500	105.59	46	4,857	118162	.678	.751	.249
301	53.56	315	16,871	2582375	-.865	.193	.193	88.33	191	16,871	1556581	-.811	.209	.209
302	56.29	343	19,309	3506228	1.886	.970	.030	91.51	211	19,309	2243834	2.553	.995	.005
303	14.76	33	487	7629	-.503	.307	.307	17.39	28	487	5816	-1.347	.089	.089
304	23.24	1,078	25,051	13847506	1.453	.927	.073	33.49	748	25,051	9749664	1.924	.973	.027
305	21.00	74	1,554	50437	-1.830	.034	.034	28.78	54	1,554	39449	-.761	.223	.223
306	20.44	1,820	37,205	34021584	.360	.641	.359	28.21	1,319	37,205	24771550	.602	.726	.274
307	40.71	519	21,126	5827471	2.485	.994	.006	66.43	318	21,126	3636380	2.550	.995	.005
308	20.57	864	17,772	7711403	.225	.589	.411	27.34	650	17,772	5745663	-.231	.409	.409

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
309	40.24	29	1,167	19423	1.379	.916	.084	53.05	22	1,167	15105	1.435	.924	.076
310	26.52	117	3,103	159373	-2.286	.011	.011	37.39	83	3,103	114346	-1.768	.039	.039
311	46.39	82	3,804	161205	.527	.701	.299	62.36	61	3,804	114167	-.216	.414	.414
312	22.99	806	18,527	8038207	3.766	1.000	0	36.05	514	18,527	5182727	3.474	1.000	0
313	28.66	86	2,465	105532	-.070	.472	.472	42.50	58	2,465	69642	-.340	.367	.367
314	21.34	53	1,131	31831	.782	.783	.217	31.42	36	1,131	22573	1.131	.871	.129
315	15.74	1,187	18,684	11544875	2.454	.993	.007	22.46	832	18,684	8215903	2.850	.998	.002
316	52.08	38	1,979	34686	-.828	.204	.204	82.46	24	1,979	22782	-.345	.365	.365
317	90.39	18	1,627	13441	-.603	.273	.273	125.15	13	1,627	10768	.114	.545	.455
318	52.38	315	16,498	2685993	1.036	.850	.150	76.38	216	16,498	1855739	1.057	.855	.145
319	43.98	85	3,738	165895	.707	.760	.240	69.22	54	3,738	105536	.581	.719	.281
320	138.21	58	8,016	246321	.786	.784	.216	308.31	26	8,016	113553	.792	.786	.214
321	21.35	971	20,733	10414057	1.867	.969	.031	30.58	678	20,733	7311360	1.815	.965	.035
322	22.15	566	12,538	3637858	1.041	.851	.149	28.18	445	12,538	2897912	1.417	.922	.078
323	26.17	205	5,364	566418	.749	.773	.227	36.49	147	5,364	402292	.428	.666	.334
324	24.01	1,316	31,602	21465786	2.030	.979	.021	35.91	880	31,602	14395457	1.813	.965	.035
325	56.79	75	4,259	142660	-1.602	.055	.055	85.18	50	4,259	90809	-1.802	.036	.036
326	15.83	410	6,492	1324655	-.164	.435	.435	21.71	299	6,492	974450	.120	.548	.452
327	33.44	243	8,126	982818	-.123	.451	.451	45.65	178	8,126	707274	-.509	.305	.305
328	29.55	33	975	15795	-.181	.428	.428	36.11	27	975	13398	.161	.564	.436
329	15.10	766	11,566	4545608	1.254	.895	.105	20.88	554	11,566	3267450	.810	.791	.209
330	17.62	2,073	36,526	37723414	-.283	.389	.389	25.09	1,456	36,526	26500049	-.226	.411	.411
331	39.87	168	6,698	551821	-.431	.333	.333	61.45	109	6,698	375424	.514	.696	.304
332	38.37	831	31,881	13461504	.810	.791	.209	56.03	569	31,881	9224376	.703	.759	.241
333	21.33	1,005	21,436	11099993	1.674	.953	.047	30.32	707	21,436	7708389	.795	.787	.213
334	49.65	311	15,442	2604898	2.591	.995	.005	82.58	187	15,442	1582523	2.275	.989	.011
335	52.65	422	22,219	4562835	-.952	.171	.171	83.22	267	22,219	2904196	-.592	.277	.277
336	37.64	55	2,070	57360	.098	.539	.461	47.05	44	2,070	44698	-.212	.416	.416
337	32.38	340	11,010	1822342	-.842	.200	.200	50.27	219	11,010	1146162	-1.264	.103	.103
338	33.01	175	5,777	515254	.443	.671	.329	45.85	126	5,777	368905	.265	.604	.396
339	15.83	307	4,859	751701	.238	.594	.406	23.03	211	4,859	535306	1.113	.867	.133
340	22.77	274	6,240	872649	.596	.724	.276	34.29	182	6,240	566867	-.040	.484	.484
341	69.55	140	9,737	725105	1.308	.905	.095	101.43	96	9,737	513008	1.657	.951	.049
342	57.75	71	4,100	167022	2.153	.984	.016	74.55	55	4,100	126636	1.582	.943	.057
343	26.14	486	12,702	3083273	-.041	.484	.484	36.50	348	12,702	2177717	-.474	.318	.318
344	26.48	1,300	34,428	23568194	3.321	1.000	0	38.77	888	34,428	15945979	2.228	.987	.013
345	19.40	25	485	5354	-1.012	.156	.156	24.25	20	485	4213	-1.017	.155	.155
346	51.01	422	21,528	4370954	-1.343	.090	.090	85.09	253	21,528	2642717	-.815	.208	.208
347	38.45	31	1,192	16500	-1.031	.151	.151	66.22	18	1,192	10097	-.432	.333	.333
348	36.97	302	11,166	1707649	.385	.650	.350	53.43	209	11,166	1187060	.434	.668	.332
349	35.77	312	11,161	1682274	-1.034	.151	.151	51.43	217	11,161	1201546	-.199	.421	.421
350	32.39	870	28,183	12359662	.417	.662	.338	49.27	572	28,183	8118999	.302	.619	.382
351	39.04	99	3,865	203176	1.068	.857	.143	60.39	64	3,865	128755	.569	.715	.285
352	50.57	21	1,062	9930	-.869	.192	.192	66.38	16	1,062	8727	.188	.575	.425
353	19.74	165	3,257	283502	1.225	.890	.110	27.14	120	3,257	200846	.527	.701	.299
354	23.00	299	6,876	1055627	.806	.790	.210	34.73	198	6,876	670964	-.349	.363	.363
355	25.39	440	11,170	2404983	-.775	.219	.219	36.50	306	11,170	1697357	-.207	.418	.418
356	44.74	800	35,793	14206021	-.380	.352	.352	62.91	569	35,793	10153443	-.120	.452	.452
357	30.79	1,026	31,587	16437469	.799	.788	.212	46.66	677	31,587	10846059	.649	.742	.258
358	35.04	539	18,884	5168984	.630	.736	.264	52.17	362	18,884	3433515	.150	.559	.441
359	33.64	66	2,220	78647	1.035	.850	.150	48.26	46	2,220	54404	.769	.779	.221
360	45.25	16	724	5201	-.707	.240	.240	48.27	15	724	5110	-.395	.346	.346

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
361	30.00	5	150	481	1.095	.863	.137	75.00	2	150	194	0.719	.764	.236
362	21.93	968	21,229	10081708	-1.013	.156	.156	29.40	722	21,229	7432594	-1.403	.080	.080
363	20.26	108	2,188	109702	-1.287	.099	.099	26.36	83	2,188	84377	-1.117	.132	.132
364	20.23	474	9,588	2272101	-.004	.498	.498	27.71	346	9,588	1644860	-.269	.394	.394
365	18.52	1,203	22,280	13451516	.225	.589	.411	26.31	847	22,280	9312503	-.658	.255	.255
366	17.18	147	2,525	186727	.129	.551	.449	17.66	143	2,525	181138	.069	.528	.473
367	20.01	577	11,543	3407248	.963	.832	.168	29.30	394	11,543	2312843	.588	.722	.278
368	47.34	178	8,426	750977	.033	.513	.487	62.42	135	8,426	567446	-.046	.482	.482
369	--	--	--	--	--	--	--	--	--	--	--	--	--	--
370	110.80	59	6,537	158574	-2.364	.009	.009	217.90	30	6,537	63246	-3.368	0	0
371	180.91	109	19,719	1187166	1.893	.971	.029	352.13	56	19,719	595308	1.014	.845	.155
372	41.83	195	8,156	827027	.968	.833	.167	74.83	109	8,156	488433	1.787	.963	.037
373	26.57	7	186	554	-.683	.247	.247	37.20	5	186	491	.217	.586	.414
374	48.56	18	874	8378	.478	.684	.316	62.43	14	874	6259	.149	.559	.441
375	46.82	229	10,721	1323633	2.052	.980	.020	73.94	145	10,721	824906	1.278	.899	.101
376	37.31	78	2,910	126961	1.816	.965	.035	61.92	47	2,910	75852	1.297	.903	.097
377	28.45	638	18,150	5943010	1.157	.876	.124	43.84	414	18,150	3970471	2.002	.977	.023
378	22.58	644	14,540	4647809	-.320	.375	.375	33.74	431	14,540	3078945	-.625	.266	.266
379	25.86	7	181	744	.799	.788	.212	36.20	5	181	507	.467	.680	.320
380	29.75	48	1,428	36680	.843	.800	.200	42.00	34	1,428	24629	.147	.558	.442
381	18.79	1,011	18,998	9868378	1.519	.936	.064	26.03	730	18,998	7017370	.561	.712	.288
382	19.73	15	296	2423	.613	.730	.270	26.91	11	296	1677	.173	.569	.431
383	39.67	818	32,450	13708556	1.629	.948	.052	53.90	602	32,450	10274098	2.204	.986	.014
384	43.45	188	8,168	814570	1.447	.926	.074	66.95	122	8,168	532212	1.304	.904	.096
385	20.70	832	17,222	7064067	-.699	.242	.242	28.66	601	17,222	5077978	-.798	.213	.213
386	40.67	6	244	599	-.771	.220	.220	48.80	5	244	489	-.768	.221	.221
387	27.03	77	2,081	83155	.576	.718	.282	35.88	58	2,081	62599	.492	.689	.311
388	24.16	102	2,464	125194	-.065	.474	.474	36.78	67	2,464	88349	.997	.841	.159
389	25.93	14	363	2855	.801	.788	.212	33.00	11	363	2015	.053	.521	.479
390	14.92	1,171	17,476	10323661	.530	.702	.298	19.88	879	17,476	7680616	-.001	.500	.500
391	25.89	617	15,972	5079375	1.327	.908	.092	38.39	416	15,972	3377441	.588	.722	.278
392	35.66	29	1,034	10085	-3.053	.001	.001	51.70	20	1,034	7195	-2.356	.009	.009
393	185.86	57	10,594	337272	1.531	.937	.063	378.36	28	10,594	180195	1.970	.976	.024
394	--	--	--	--	--	--	--	--	--	--	--	--	--	--
395	27.88	327	9,115	1568762	1.649	.950	.050	39.29	232	9,115	1152754	2.381	.991	.009
396	20.12	979	19,696	10250394	3.424	1.000	0	28.26	697	19,696	7316116	3.012	.999	.001
397	47.00	303	14,241	2092411	-.910	.182	.182	69.81	204	14,241	1449890	-.046	.482	.482
398	37.54	901	33,819	15575633	1.161	.877	.123	54.02	626	33,819	10781164	.802	.789	.211
399	29.82	658	19,618	6505898	.355	.639	.361	43.99	446	19,618	4512190	1.149	.875	.125
400	18.93	1,018	19,271	9875325	.374	.646	.354	26.15	737	19,271	7160406	.391	.652	.348
401	42.49	136	5,779	358814	-1.756	.040	.040	69.63	83	5,779	219476	-1.339	.090	.090
402	40.50	6	243	844	.669	.748	.252	60.75	4	243	537	.364	.642	.358
403	21.35	634	13,535	4111332	-1.822	.034	.034	29.68	456	13,535	2932449	-1.840	.033	.033
404	20.63	999	20,610	10697144	2.140	.984	.016	30.04	686	20,610	7318513	1.600	.945	.055
405	36.34	327	11,884	2030896	1.416	.922	.078	57.14	208	11,884	1335701	2.016	.978	.022
406	24.01	903	21,685	10124534	1.774	.962	.038	33.21	653	21,685	7269454	1.183	.882	.118
407	23.03	161	3,708	302294	.280	.610	.390	32.24	115	3,708	211529	-.146	.442	.442
408	23.68	1,442	34,142	25230532	1.641	.950	.050	34.18	999	34,142	17433729	1.219	.889	.111
409	76.00	16	1,216	12556	2.014	.978	.022	152.00	8	1,216	6940	2.091	.982	.018
410	18.90	762	14,398	5567750	.716	.763	.237	26.71	539	14,398	3981862	1.053	.854	.146
411	40.64	471	19,141	4568878	.510	.695	.305	64.02	299	19,141	2893662	.336	.632	.369
412	22.90	607	13,897	4416349	2.009	.978	.022	31.58	440	13,897	3207298	1.782	.963	.037

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
413	29.80	1,012	30,162	15215669	-0.167	.434	.434	42.54	709	30,162	10520782	-0.740	.230	.230
414	24.28	141	3,423	255607	1.218	.888	.112	34.23	100	3,423	179666	.862	.806	.194
415	44.13	487	21,490	5175616	-.418	.338	.338	70.46	305	21,490	3187189	-.831	.203	.203
416	47.43	408	19,352	4280643	2.950	.998	.002	72.75	266	19,352	2801939	2.504	.994	.006
417	27.19	113	3,072	165009	-.908	.182	.182	37.93	81	3,072	124408	-.001	.500	.500
418	40.59	614	24,925	8082003	2.412	.992	.008	65.25	382	24,925	5181217	2.990	.999	.001
419	25.18	900	22,658	10171371	-.126	.450	.450	36.25	625	22,658	6942843	-.843	.200	.200
420	46.01	416	19,138	4010058	.261	.603	.397	70.10	273	19,138	2667521	.605	.727	.273
421	68.85	453	31,191	7098964	.179	.571	.429	134.44	232	31,191	3427386	-1.391	.082	.082
422	124.61	93	11,589	474353	-2.000	.023	.023	214.61	54	11,589	248152	-2.634	.004	.004
423	45.65	254	11,596	1524613	.973	.835	.165	63.37	183	11,596	1082497	.474	.682	.318
424	--	--	--	--	--	--	--	--	--	--	--	--	--	--
425	84.37	252	21,262	2849968	1.755	.960	.040	135.43	157	21,262	1718773	.646	.741	.259
426	66.17	270	17,867	2333817	-.923	.178	.178	110.29	162	17,867	1363941	-1.269	.102	.102
427	--	--	--	--	--	--	--	--	--	--	--	--	--	--
428	26.96	178	4,798	451889	1.346	.911	.089	44.84	107	4,798	284470	1.939	.974	.026
429	25.65	211	5,412	586010	.663	.746	.254	40.09	135	5,412	371669	.350	.637	.363
430	26.30	339	8,915	1575939	1.369	.914	.086	39.27	227	8,915	1052874	1.058	.855	.145
431	21.30	181	3,856	375621	1.780	.962	.038	32.13	120	3,856	237836	.531	.702	.298
432	18.06	481	8,688	2143397	.981	.837	.163	24.54	354	8,688	1532867	-.104	.459	.459
433	35.11	779	27,354	10632363	-.100	.460	.460	50.10	546	27,354	7406179	-.333	.370	.370
434	21.08	645	13,597	4555275	1.708	.956	.044	30.90	440	13,597	3086577	1.157	.876	.124
435	22.96	45	1,033	25265	1.011	.844	.156	36.89	28	1,033	15509	.664	.746	.254
436	30.27	960	29,054	14296038	1.347	.911	.089	43.43	669	29,054	10014277	1.363	.914	.086
437	17.39	1,456	25,322	18763175	1.179	.881	.119	23.71	1,068	25,322	13895493	1.564	.941	.059
438	34.96	534	18,671	5251899	2.142	.984	.016	48.37	386	18,671	3804214	1.895	.971	.029
439	36.12	226	8,164	922755	.006	.503	.497	53.71	152	8,164	607359	-.451	.326	.326
440	36.91	252	9,302	1206184	.801	.788	.212	51.68	180	9,302	877905	1.130	.871	.129
441	56.24	422	23,733	5312329	2.165	.985	.015	96.48	246	23,733	3243076	3.014	.999	.001
442	21.14	604	12,769	4086621	2.543	.995	.005	30.92	413	12,769	2711899	1.003	.842	.158
443	23.07	563	12,987	3642910	-.145	.442	.442	32.80	396	12,987	2532992	-.515	.303	.303
444	41.36	39	1,613	35311	1.327	.908	.092	62.04	26	1,613	24245	1.380	.916	.084
445	48.83	392	19,140	3995111	2.228	.987	.013	69.35	276	19,140	2806325	1.798	.964	.036
446	39.23	30	1,177	19093	.773	.780	.220	51.17	23	1,177	14782	.765	.778	.222
447	45.78	501	22,938	5922464	1.191	.883	.117	70.15	327	22,938	3843378	.777	.781	.219
448	23.87	1,321	31,527	20599431	-.678	.249	.249	34.65	910	31,527	14111111	-.851	.197	.197
449	19.41	274	5,317	723233	-.205	.419	.419	27.84	191	5,317	494309	-.635	.263	.263
450	21.23	967	20,533	10382970	2.470	.993	.007	29.67	692	20,533	7493748	2.497	.994	.006
451	22.52	247	5,562	700315	.531	.702	.298	31.60	176	5,562	499777	.485	.686	.314
452	38.00	8	304	1248	.129	.551	.449	60.80	5	304	940	.917	.820	.180
453	70.10	30	2,103	28370	-.955	.170	.170	161.77	13	2,103	9789	-1.773	.038	.038
454	51.94	612	31,784	9480184	-1.083	.140	.140	79.86	398	31,784	6140862	-1.006	.157	.157
455	55.44	16	887	6694	-.393	.347	.347	88.70	10	887	4904	.579	.719	.281
456	67.00	1	67	61	1.422	.922	.078	67.00	1	67	61	1.422	.922	.078
457	26.23	13	341	2696	1.351	.912	.088	48.71	7	341	1833	2.455	.993	.007
458	15.44	403	6,223	1255000	.030	.512	.488	20.81	299	6,223	927939	-.077	.469	.469
459	30.30	37	1,121	20733	-.003	.499	.499	37.37	30	1,121	16657	-.089	.464	.464
460	25.35	1,291	32,732	21157258	.085	.534	.466	35.58	920	32,732	15008070	-.170	.433	.433
461	34.40	895	30,785	13778351	.008	.503	.497	47.58	647	30,785	9923648	-.156	.438	.438
462	25.38	699	17,740	6339841	1.032	.849	.151	36.58	485	17,740	4416703	1.018	.845	.155
463	22.87	327	7,477	1254399	.818	.793	.207	32.94	227	7,477	867843	.591	.723	.277
464	21.64	1,040	22,500	11866676	.796	.787	.213	29.15	772	22,500	8908288	1.237	.892	.108

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
465	21.84	90	1,966	86646	-0.339	.367	.367	29.79	66	1,966	61646	-0.701	.242	.242
466	17.61	1,490	26,233	20069205	1.798	.964	.036	25.13	1,044	26,233	13938363	1.000	.841	.159
467	85.76	129	11,063	778473	1.790	.963	.037	140.04	79	11,063	461478	.863	.806	.194
468	19.86	50	993	17694	-3.518	0	0	23.09	43	993	14390	-3.702	0	0
469	17.05	576	9,821	2747067	-1.196	.116	.116	23.67	415	9,821	1988485	-.855	.196	.196
470	45.50	2	91	91	0	.500	.500	91.00	1	91	45	-.019	.492	.492
471	25.40	527	13,388	3513667	-.159	.437	.437	37.09	361	13,388	2408000	-.116	.454	.454
472	16.21	208	3,372	368882	1.296	.902	.098	26.34	128	3,372	216726	.083	.533	.467
473	26.34	730	19,226	7442434	2.834	.998	.002	36.55	526	19,226	5395254	2.662	.996	.004
474	29.87	843	25,176	10682541	.336	.632	.369	45.61	552	25,176	6938988	-.056	.478	.478
475	25.73	1,242	31,959	20845372	3.072	.999	.001	36.15	884	31,959	14855240	2.659	.996	.004
476	23.81	766	18,237	7152107	1.149	.875	.125	32.45	562	18,237	5472772	2.790	.997	.003
477	29.17	144	4,201	336467	2.336	.990	.010	42.01	100	4,201	240258	2.491	.994	.006
478	25.40	908	23,063	10841512	1.849	.968	.032	35.76	645	23,063	7799784	2.141	.984	.016
479	19.06	94	1,792	77593	-1.322	.093	.093	28.00	64	1,792	48958	-2.026	.021	.021
480	28.85	197	5,684	590817	1.344	.910	.090	38.93	146	5,684	443063	1.419	.922	.078
481	17.10	740	12,650	4796714	1.170	.879	.121	23.25	544	12,650	3581184	1.648	.950	.050
482	24.73	150	3,709	270859	-.558	.289	.289	36.01	103	3,709	196873	.539	.705	.295
483	20.61	154	3,174	257877	1.185	.882	.118	28.60	111	3,174	188589	1.288	.901	.099
484	28.50	96	2,736	138645	.946	.828	.172	40.24	68	2,736	100102	1.087	.861	.139
485	32.62	26	848	8887	-1.712	.043	.043	53.00	16	848	5254	-1.563	.059	.059
486	28.23	1,232	34,779	21644107	.625	.734	.266	40.25	864	34,779	15177097	.517	.697	.303
487	25.02	419	10,484	2124781	-1.156	.124	.124	35.54	295	10,484	1471654	-1.438	.075	.075
488	78.38	359	28,138	5086509	.232	.592	.408	119.23	236	28,138	3402856	.662	.746	.254
489	23.21	501	11,627	2980156	.900	.816	.184	36.11	322	11,627	1913427	.689	.754	.246
490	23.86	327	7,802	1301774	.642	.740	.261	35.46	220	7,802	882815	.736	.769	.231
491	19.41	658	12,770	4288945	.927	.823	.177	28.57	447	12,770	2910420	.723	.765	.235
492	25.16	997	25,088	12915779	1.790	.963	.037	36.57	686	25,088	8778307	.913	.819	.181
493	19.34	1,844	35,661	34208113	3.006	.999	.001	27.64	1,290	35,661	23578912	1.562	.941	.059
494	20.01	213	4,263	455447	.080	.532	.468	28.23	151	4,263	329438	.501	.692	.308
495	15.99	1,272	20,344	14018491	5.155	0	0	22.36	910	20,344	9961439	3.979	1.000	0
496	46.46	464	21,557	4959904	-.308	.379	.379	74.85	288	21,557	2971678	-1.255	.105	.105
497	407.50	2	815	1230	1.247	.894	.106	407.50	2	815	1230	1.247	.894	.106
498	21.55	885	19,069	8826043	2.369	.991	.009	30.91	617	19,069	6145176	1.919	.973	.027
499	35.93	494	17,748	4660213	2.428	.992	.008	53.95	329	17,748	3031486	1.205	.886	.114
500	29.64	39	1,156	22813	.130	.552	.448	42.82	27	1,156	16336	.421	.663	.337
501	29.90	171	5,112	415260	-1.131	.129	.129	39.02	131	5,112	313947	-1.237	.108	.108
502	18.61	1,643	30,570	26010100	2.507	.994	.006	25.78	1,186	30,570	19019612	2.934	.998	.002
503	44.67	137	6,120	401830	-.841	.200	.200	65.11	94	6,120	272165	-.904	.183	.183
504	54.97	67	3,683	126901	.405	.657	.343	87.69	42	3,683	73644	-.537	.296	.296
505	34.55	31	1,071	14158	-1.419	.078	.078	56.37	19	1,071	7762	-1.790	.037	.037
506	22.95	1,630	37,401	31885358	3.220	.999	.001	32.41	1,154	37,401	22670035	2.971	.999	.001
507	15.17	92	1,396	71137	1.791	.963	.037	19.94	70	1,396	54840	1.774	.962	.038
508	30.43	522	15,882	4212481	.642	.740	.260	44.49	357	15,882	2872389	.432	.667	.333
509	36.67	696	25,519	9045930	.851	.802	.198	58.94	433	25,519	5552637	.181	.572	.428
510	45.61	46	2,098	44706	-.864	.194	.194	72.35	29	2,098	30178	-.075	.470	.470
511	16.60	1,120	18,591	10910877	2.783	.997	.003	22.62	822	18,591	8239990	3.894	1.000	0
512	33.33	946	31,532	14754241	-.573	.283	.283	47.06	670	31,532	10431522	-.559	.288	.288
513	30.79	692	21,306	7624456	1.561	.941	.059	45.62	467	21,306	5070719	.721	.764	.236
514	--	--	--	--	--	--	--	--	--	--	--	--	--	--
515	49.04	328	16,084	2532199	-1.256	.105	.105	80.02	201	16,084	1497259	-1.811	.035	.035
516	58.53	47	2,751	65603	.175	.570	.430	137.55	20	2,751	27297	-.060	.476	.476

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
517	54.79	357	19,560	3569276	0.729	.767	.233	86.93	225	19,560	2194988	-0.065	.474	.474
518	35.69	1,028	36,688	19219936	1.067	.857	.143	56.71	647	36,688	12042377	.645	.741	.259
519	39.57	195	7,716	775487	.745	.772	.228	59.81	129	7,716	514880	.680	.752	.248
520	31.91	21	670	7340	.344	.635	.365	51.54	13	670	4261	-.135	.446	.446
521	17.91	995	17,822	8950443	.518	.698	.302	24.31	733	17,822	6562488	.221	.587	.413
522	30.59	242	7,402	962270	2.004	.977	.023	46.85	158	7,402	622578	1.408	.920	.080
523	32.24	118	3,804	239285	1.245	.893	.107	55.94	68	3,804	142103	1.410	.921	.079
524	115.95	21	2,435	23634	-.600	.274	.274	173.93	14	2,435	16698	-.132	.447	.447
525	--	--	--	--	--	--	--	--	--	--	--	--	--	--
526	42.45	767	32,561	12567138	.307	.621	.379	61.21	532	32,561	8472080	-.872	.192	.192
527	14.94	582	8,692	2605343	1.255	.895	.105	19.71	441	8,692	2031108	2.173	.985	.015
528	14.42	219	3,157	340350	-.396	.346	.346	19.49	162	3,157	245712	-.863	.194	.194
529	19.90	582	11,583	3584271	2.648	.996	.004	28.05	413	11,583	2645731	3.736	1.000	0
530	17.03	2,004	34,124	35137149	2.143	.984	.016	23.63	1,444	34,124	25483177	2.259	.988	.012
531	25.66	248	6,363	812833	.824	.795	.205	36.99	172	6,363	604996	2.398	.992	.008
532	27.95	1,290	36,056	23890172	1.696	.955	.045	41.02	879	36,056	16320809	1.537	.938	.062
533	54.80	470	25,757	5957377	-.593	.277	.277	89.75	287	25,757	3582585	-.901	.184	.184
534	58.00	17	986	8993	.522	.699	.301	70.43	14	986	6946	.041	.517	.484
535	25.15	1,668	41,954	35068929	.160	.564	.436	36.29	1,156	41,954	24525840	.671	.749	.251
536	25.17	6	151	225	-2.135	.016	.016	25.17	6	151	225	-2.135	.016	.016
537	26.71	1,193	31,864	19271876	.834	.798	.202	38.39	830	31,864	13527023	1.145	.874	.126
538	45.80	50	2,290	55353	-.406	.342	.342	61.89	37	2,290	42513	.037	.515	.485
539	38.16	517	19,726	5159478	.466	.679	.321	58.02	340	19,726	3306146	-.450	.326	.326
540	23.47	71	1,666	70400	2.778	.997	.003	28.24	59	1,666	58573	2.552	.995	.005
541	23.03	1,521	35,035	26832431	.477	.683	.317	32.47	1,079	35,035	18598299	-.912	.181	.181
542	47.36	25	1,184	13092	-.999	.159	.159	62.32	19	1,184	10924	-.218	.414	.414
543	44.78	187	8,373	789247	.193	.576	.424	72.81	115	8,373	457036	-.942	.173	.173
544	31.14	942	29,330	13589725	-.865	.194	.194	44.04	666	29,330	9739509	-.125	.450	.450
545	32.80	256	8,397	1040814	-.877	.190	.190	49.11	171	8,397	700626	-.546	.292	.292
546	17.59	1,785	31,403	28919494	2.330	.990	.010	25.76	1,219	31,403	19849634	2.242	.988	.012
547	34.01	519	17,650	4601625	.185	.573	.427	50.57	349	17,650	3096855	.178	.571	.429
548	16.96	773	13,112	5168017	.952	.829	.171	23.41	560	13,112	3804373	1.485	.931	.069
549	219.75	4	879	1933	.345	.635	.365	879.00	1	879	770	1.303	.904	.096
550	25.39	33	838	15148	.951	.829	.171	32.23	26	838	11717	.667	.748	.252
551	21.60	254	5,486	742754	1.824	.966	.034	30.48	180	5,486	526866	1.559	.941	.060
552	19.15	1,022	19,567	10725254	4.023	1.000	0	27.37	715	19,567	7447130	2.992	.999	.001
553	25.33	6	152	636	1.675	.953	.047	152.00	1	152	104	.638	.738	.262
554	17.87	666	11,901	4007684	.504	.693	.307	24.85	479	11,901	2919549	.921	.821	.179
555	24.50	6	147	411	-.289	.386	.386	147.00	1	147	19	-1.284	.100	.100
556	16.59	1,205	19,994	12581419	2.670	.996	.004	22.17	902	19,994	9551562	3.082	.999	.001
557	21.08	13	274	1851	.246	.597	.403	34.25	8	274	924	-.769	.221	.221
558	19.90	107	2,129	118336	.698	.757	.243	27.65	77	2,129	86956	.925	.823	.178
559	18.84	31	584	9195	.152	.561	.439	27.81	21	584	6131	-.001	.499	.499
560	22.18	11	244	1477	.578	.718	.282	30.50	8	244	977	.005	.502	.498
561	16.68	1,067	17,792	9992478	2.983	.999	.001	22.35	796	17,792	7502447	2.907	.998	.002
562	16.61	1,246	20,691	13569971	3.223	.999	.001	22.59	916	20,691	10024513	3.032	.999	.001
563	16.93	998	16,893	9153430	4.698	1.000	0	22.49	751	16,893	6769725	3.191	.999	.001
564	17.80	1,066	18,979	10817960	3.925	1.000	0	24.52	774	18,979	7838514	3.239	.999	.001
565	15.35	319	4,897	818599	1.486	.931	.069	21.67	226	4,897	557999	.218	.586	.414
566	16.95	884	14,981	6775450	1.197	.884	.116	23.05	650	14,981	5010518	1.285	.901	.099
567	32.21	273	8,792	1484463	6.781	0	0	47.78	184	8,792	1026251	6.314	0	0
568	17.08	926	15,815	7592335	1.943	.974	.026	22.56	701	15,815	5782022	1.976	.976	.024

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
569	20.17	457	9,218	2142156	0.630	.736	.264	29.83	309	9,218	1424851	0.014	.506	.494
570	13.37	272	3,637	490407	-.244	.404	.404	17.40	209	3,637	381198	.075	.530	.470
571	17.85	1,016	18,133	9815677	3.621	1.000	0	24.60	737	18,133	7270029	4.138	1.000	0
572	24.99	511	12,769	3185061	-.929	.176	.176	32.83	389	12,769	2358756	-1.717	.043	.043
573	45.01	112	5,041	267983	-.929	.176	.176	65.47	77	5,041	183327	-.842	.200	.200
574	16.74	667	11,163	3823084	1.204	.886	.114	23.26	480	11,163	2773818	1.341	.910	.090
575	33.66	520	17,501	4443228	-.929	.176	.176	47.82	366	17,501	3127404	-.779	.218	.218
576	29.89	121	3,617	229665	.944	.827	.173	45.79	79	3,617	151985	.982	.837	.163
577	29.66	626	18,568	6126778	2.349	.991	.009	42.78	434	18,568	4349990	2.872	.998	.002
578	17.99	1,120	20,145	11929125	3.329	1.000	0	25.06	804	20,145	8373750	1.671	.953	.047
579	24.04	586	14,090	4304999	1.794	.964	.036	36.79	383	14,090	2762081	.802	.789	.211
580	18.25	4	73	141	-.119	.453	.453	36.50	2	73	80	.235	.593	.407
581	15.48	153	2,368	172987	-.966	.167	.167	21.33	111	2,368	127192	-.588	.278	.278
582	26.88	688	18,495	6519181	1.120	.869	.131	36.99	500	18,495	4738923	.965	.833	.167
583	81.73	198	16,182	1825579	3.401	1.000	0	118.99	136	16,182	1220300	2.201	.986	.014
584	24.40	10	244	1227	.031	.513	.487	27.11	9	244	1092	-.028	.489	.489
585	32.50	404	13,130	2704936	.691	.755	.245	46.40	283	13,130	1880462	.354	.638	.362
586	--	--	--	--	--	--	--	--	--	--	--	--	--	--
587	26.65	137	3,651	252503	.195	.577	.423	36.88	99	3,651	192659	1.138	.872	.128
588	28.69	298	8,550	1224029	-1.172	.121	.121	43.85	195	8,550	797530	-1.047	.148	.148
589	20.67	317	6,553	1104406	1.952	.975	.025	30.06	218	6,553	750547	1.299	.903	.097
590	13.70	27	370	5952	1.724	.958	.042	18.50	20	370	4149	.940	.826	.174
591	19.03	192	3,653	352753	.141	.556	.444	30.70	119	3,653	225750	.730	.767	.233
592	27.36	807	22,076	9132402	1.241	.893	.107	40.88	540	22,076	6056490	.648	.741	.259
593	17.35	894	15,514	7367654	3.233	.999	.001	23.90	649	15,514	5399566	3.202	.999	.001
594	18.13	324	5,874	969455	.585	.721	.279	25.65	229	5,874	685806	.516	.697	.303
595	31.06	297	9,226	1398384	.617	.731	.269	47.80	193	9,226	920554	.817	.793	.207
596	23.39	1,099	25,710	14404574	1.126	.870	.130	32.71	786	25,710	10475678	1.786	.963	.037
597	14.98	1,373	20,570	14303691	.829	.796	.204	20.39	1,009	20,570	10726274	1.849	.968	.032
598	14.75	71	1,047	29702	-2.932	.002	.002	20.14	52	1,047	21663	-2.551	.005	.005
599	37.18	476	17,699	4311266	.887	.812	.188	56.73	312	17,699	2799560	.427	.665	.335
600	23.14	844	19,532	8484359	1.477	.930	.070	31.97	611	19,532	6230478	1.890	.971	.029
601	16.75	1,929	32,319	31555759	.937	.826	.174	24.26	1,332	32,319	21308352	-.635	.263	.263
602	20.53	749	15,379	5701552	-.476	.317	.317	29.46	522	15,379	3929910	-.828	.204	.204
603	18.42	338	6,226	1147701	2.890	.998	.002	27.92	223	6,226	721872	1.031	.849	.151
604	24.85	494	12,277	3056242	.302	.619	.381	37.20	330	12,277	2026225	.008	.503	.497
605	39.81	156	6,210	508009	1.055	.854	.146	63.37	98	6,210	325325	1.185	.882	.118
606	48.31	109	5,266	301008	.883	.811	.189	75.23	70	5,266	200037	1.237	.892	.108
607	44.77	87	3,895	172717	.313	.623	.377	68.33	57	3,895	124412	1.579	.943	.057
608	33.07	640	21,162	6841590	.451	.674	.326	46.51	455	21,162	4865805	.395	.654	.347
609	107.22	27	2,895	33422	-1.304	.096	.096	152.37	19	2,895	24319	-.874	.191	.191
610	33.25	917	30,487	13224424	-2.829	.002	.002	48.16	633	30,487	9229872	-1.894	.029	.029
611	42.81	192	8,219	853031	1.947	.974	.026	69.65	118	8,219	532468	1.845	.967	.033
612	41.49	87	3,610	175926	1.944	.974	.026	63.33	57	3,610	123593	2.632	.996	.004
613	36.26	19	689	5952	-.685	.247	.247	43.06	16	689	4972	-.679	.249	.249
614	41.41	81	3,354	117531	-2.101	.018	.018	60.98	55	3,354	81612	-1.479	.070	.070
615	30.50	2	61	64	.121	.548	.452	30.50	2	61	64	.121	.548	.452
616	32.38	58	1,878	59805	1.294	.902	.098	49.42	38	1,878	38493	.841	.800	.200
617	14.37	122	1,753	91222	-2.811	.002	.002	20.87	84	1,753	62737	-2.348	.009	.009
618	15.67	1,317	20,642	14359098	3.544	1.000	0	21.77	948	20,642	10664525	4.798	1.000	0
619	28.59	995	28,443	13982348	-.649	.258	.258	40.17	708	28,443	10031828	-.169	.433	.433
620	30.30	23	697	9013	1.034	.849	.151	46.47	15	697	6045	1.049	.853	.147

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
621	21.32	774	16,498	6773828	2.937	.998	.002	29.57	558	16,498	4944376	3.035	.999	.001
622	19.62	1,844	36,185	32954814	-.909	.182	.182	27.99	1,293	36,185	23281472	-.299	.383	.383
623	27.17	271	7,364	1023441	.732	.768	.232	41.14	179	7,364	673634	.512	.696	.304
624	20.68	94	1,944	80246	-2.044	.020	.020	28.17	69	1,944	59933	-1.531	.063	.063
625	28.54	349	9,960	1873560	2.523	.994	.006	40.32	247	9,960	1312340	1.821	.966	.034
626	23.64	458	10,827	2426129	-.796	.213	.213	32.51	333	10,827	1795035	-.134	.447	.447
627	95.33	124	11,821	766655	.888	.813	.187	164.18	72	11,821	446024	.707	.760	.240
628	65.83	76	5,003	145696	-3.528	0	0	113.71	44	5,003	77813	-3.367	0	0
629	31.16	849	26,452	11137099	-.413	.340	.340	45.77	578	26,452	7686639	.229	.591	.409
630	28.43	349	9,923	1728145	-.064	.474	.474	40.17	247	9,923	1202337	-.514	.304	.304
631	26.19	416	10,894	2266033	.001	.501	.499	39.62	275	10,894	1487681	-.196	.422	.422
632	25.03	318	7,960	1305688	.977	.836	.164	35.86	222	7,960	906301	.664	.747	.253
633	20.51	83	1,702	74070	.768	.779	.221	32.73	52	1,702	47820	1.007	.843	.157
634	48.33	6	290	488	-1.863	.031	.031	96.67	3	290	406	-.200	.421	.421
635	32.30	831	26,842	11118641	-.153	.439	.439	45.04	596	26,842	8003446	.024	.510	.490
636	15.03	1,380	20,742	14586641	1.235	.892	.109	20.68	1,003	20,742	10751134	1.841	.967	.033
637	46.23	528	24,410	6847254	2.489	.994	.006	66.51	367	24,410	4785115	2.266	.988	.012
638	39.28	283	11,115	1668555	1.775	.962	.038	62.10	179	11,115	1049915	1.284	.900	.100
639	25.48	205	5,224	555090	.909	.818	.182	41.13	127	5,224	335772	.238	.594	.406
640	15.39	381	5,865	1143833	.803	.789	.211	19.29	304	5,865	921318	1.011	.844	.156
641	46.00	26	1,196	15716	.095	.538	.462	92.00	13	1,196	7758	-.013	.495	.495
642	41.71	7	292	1149	.570	.715	.285	58.40	5	292	714	-.085	.466	.466
643	22.61	1,453	32,853	24460977	1.641	.950	.050	31.05	1,058	32,853	17586977	.673	.750	.250
644	49.46	50	2,473	69466	1.514	.935	.065	65.08	38	2,473	52827	1.327	.908	.092
645	41.20	666	27,442	9485612	1.699	.955	.045	57.65	476	27,442	6803917	1.578	.943	.057
646	149.03	139	20,715	1582133	2.020	.978	.022	304.63	68	20,715	770224	1.337	.909	.091
647	27.49	33	907	16430	.974	.835	.165	41.23	22	907	11853	1.528	.937	.063
648	28.13	68	1,913	64966	-.017	.493	.493	36.09	53	1,913	53706	.749	.773	.227
649	91.80	89	8,170	325534	-1.709	.044	.044	163.40	50	8,170	180011	-1.453	.073	.073
650	32.20	447	14,391	3139899	-.871	.192	.192	44.83	321	14,391	2340812	.417	.662	.338
651	47.49	59	2,802	76917	-.924	.178	.178	82.41	34	2,802	47914	.059	.524	.476
652	31.92	25	798	9985	.009	.503	.497	44.33	18	798	7092	-.092	.463	.463
653	24.07	45	1,083	25953	.756	.775	.225	30.94	35	1,083	20001	.567	.715	.285
654	45.80	226	10,351	1204846	.783	.783	.217	70.90	146	10,351	823309	1.875	.970	.030
655	26.99	106	2,861	138583	-1.535	.062	.062	37.16	77	2,861	98429	-1.617	.053	.053
656	18.38	258	4,743	606720	-.233	.408	.408	23.25	204	4,743	478781	-.256	.399	.399
657	34.82	333	11,595	1999044	1.121	.869	.131	57.69	201	11,595	1197215	.673	.749	.251
658	32.55	176	5,729	515130	.500	.692	.308	49.39	116	5,729	337370	.286	.612	.388
659	26.19	106	2,776	145228	-.230	.409	.409	38.03	73	2,776	96691	-.677	.249	.249
660	18.62	258	4,805	640341	.920	.821	.179	26.69	180	4,805	435757	.178	.571	.429
661	18.04	157	2,832	229110	.664	.746	.254	25.29	112	2,832	155802	-.323	.374	.374
662	29.52	186	5,490	539164	1.323	.907	.093	40.97	134	5,490	391628	1.297	.903	.097
663	52.70	619	32,622	10162803	.283	.611	.389	84.08	388	32,622	6368203	.213	.584	.416
664	29.22	1,269	37,084	23995181	1.220	.889	.111	42.87	865	37,084	16200775	.514	.696	.304
665	62.96	299	18,826	2795485	-.202	.420	.420	97.04	194	18,826	1782951	-.570	.284	.284
666	76.41	17	1,299	11960	.594	.724	.276	162.38	8	1,299	4907	-.273	.393	.393
667	44.88	305	13,689	1995826	-1.329	.092	.092	63.67	215	13,689	1409639	-1.069	.143	.143
668	57.07	136	7,761	516630	-.426	.335	.335	88.19	88	7,761	318866	-1.076	.141	.141
669	17.91	317	5,676	938287	1.325	.907	.093	26.77	212	5,676	617299	.656	.744	.256
670	36.57	232	8,485	983160	-.030	.488	.488	58.52	145	8,485	603141	-.408	.342	.342
671	21.71	866	18,797	8421206	1.767	.961	.039	31.91	589	18,797	5848056	2.372	.991	.009
672	33.29	581	19,344	5673688	.403	.657	.343	51.72	374	19,344	3566602	-.470	.319	.319

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
673	36.06	152	5,481	459375	2.195	.986	.014	54.81	100	5,481	295511	1.356	.912	.088
674	22.63	79	1,788	66938	-.804	.211	.211	28.84	62	1,788	49163	-1.542	.062	.062
675	35.80	74	2,649	90609	-1.126	.130	.130	49.98	53	2,649	63926	-1.127	.130	.130
676	24.26	137	3,324	210195	-1.558	.060	.060	36.13	92	3,324	144661	-.896	.185	.185
677	52.82	389	20,545	3989584	-.055	.478	.478	81.53	252	20,545	2582159	-.069	.472	.472
678	39.25	4	157	197	-1.291	.098	.098	39.25	4	157	197	-1.291	.098	.098
679	48.77	464	22,630	5273159	.163	.565	.435	77.50	292	22,630	3185604	-1.060	.145	.145
680	25.06	174	4,360	385480	.371	.645	.355	36.95	118	4,360	257210	-.002	.499	.499
681	19.49	43	838	17878	-.088	.465	.465	22.05	38	838	16379	.307	.620	.380
682	28.29	180	5,092	459299	.052	.521	.479	44.28	115	5,092	295417	.167	.566	.434
683	22.38	545	12,199	3422573	1.196	.884	.116	30.73	397	12,199	2517298	1.365	.914	.086
684	23.41	663	15,522	5270905	1.087	.861	.139	32.96	471	15,522	3678366	.236	.593	.407
685	16.29	2,162	35,218	39712243	3.473	1.000	0	22.16	1,589	35,218	29234428	3.094	.999	.001
686	29.24	200	5,847	629926	1.895	.971	.029	41.18	142	5,847	461715	2.316	.990	.010
687	24.97	62	1,548	46601	-.394	.347	.347	32.94	47	1,548	34526	-.605	.273	.273
688	17.81	252	4,487	554529	-.527	.299	.299	24.39	184	4,487	407392	-.308	.379	.379
689	21.07	280	5,899	863914	1.336	.909	.091	33.14	178	5,899	531658	.293	.615	.385
690	18.21	688	12,527	4314440	.054	.522	.478	25.41	493	12,527	3127724	.496	.690	.310
691	15.64	1,171	18,319	11219708	2.730	.997	.003	21.81	840	18,319	8281519	3.833	1.000	0
692	27.47	684	18,792	6642245	1.518	.935	.065	39.40	477	18,792	4875030	3.318	1.000	0
693	42.30	453	19,163	4606744	2.262	.988	.012	67.48	284	19,163	2857625	1.464	.928	.072
694	22.82	320	7,301	1194743	.705	.760	.240	32.89	222	7,301	839251	.918	.821	.179
695	51.65	262	13,531	1784489	.189	.575	.425	76.45	177	13,531	1190946	-.126	.450	.450
696	50.68	253	12,822	1613736	-.140	.444	.444	83.26	154	12,822	967241	-.437	.331	.331
697	16.53	1,427	23,585	17217320	1.514	.935	.065	22.53	1,047	23,585	12770155	1.922	.973	.027
698	32.72	1,147	37,526	22168642	1.765	.961	.039	48.42	775	37,526	14552960	.039	.515	.485
699	27.29	58	1,583	47494	.456	.676	.324	35.18	45	1,583	36328	.232	.592	.408
700	25.21	780	19,662	8051120	2.416	.992	.008	36.82	534	19,662	5473196	1.704	.956	.044
701	21.60	83	1,793	77863	.732	.768	.232	35.16	51	1,793	43985	-.470	.319	.319
702	40.40	30	1,212	15011	-1.654	.049	.049	60.60	20	1,212	10290	-1.170	.121	.121
703	24.72	191	4,722	471092	1.069	.857	.143	34.22	138	4,722	347780	1.372	.915	.085
704	38.55	11	424	1471	-2.121	.017	.017	42.40	10	424	1116	-2.594	.005	.005
705	19.97	643	12,843	4281266	1.619	.947	.053	28.86	445	12,843	3006824	1.908	.972	.028
706	16.85	2,129	35,879	39091429	1.880	.970	.030	23.75	1,511	35,879	27788699	1.694	.955	.045
707	15.78	590	9,308	2895401	2.291	.989	.011	21.50	433	9,308	2132241	2.094	.982	.018
708	58.35	277	16,163	2333312	1.220	.889	.111	88.32	183	16,163	1562828	1.330	.908	.092
709	--	--	--	--	--	--	--	--	--	--	--	--	--	--
710	49.92	24	1,198	14322	-.032	.487	.487	70.47	17	1,198	9412	-.541	.294	.294
711	40.83	363	14,820	2871235	2.226	.987	.013	61.75	240	14,820	1947108	2.546	.995	.005
712	43.26	31	1,341	18449	-1.084	.139	.139	63.86	21	1,341	12332	-.986	.162	.162
713	19.27	527	10,153	2823556	2.203	.986	.014	27.89	364	10,153	2010166	2.903	.998	.002
714	73.00	5	365	503	-1.738	.041	.041	121.67	3	365	255	-1.603	.055	.055
715	50.35	29	1,460	20307	-.380	.352	.352	76.84	19	1,460	12456	-.770	.221	.221
716	58.48	108	6,316	348440	.389	.651	.349	85.35	74	6,316	261154	1.751	.960	.040
717	52.28	634	33,144	10347522	-.661	.255	.255	88.15	376	33,144	5995699	-1.269	.102	.102
718	15.23	452	6,885	1501622	-1.287	.099	.099	21.52	320	6,885	1071971	-.833	.202	.202
719	14.69	297	4,364	636354	-.539	.295	.295	20.49	213	4,364	460989	-.205	.419	.419
720	18.23	1,823	33,230	30037999	-.613	.270	.270	25.80	1,288	33,230	21209630	-.553	.290	.290
721	25.40	1,435	36,455	26796511	1.606	.946	.054	37.39	975	36,455	18362807	1.799	.964	.036
722	22.42	72	1,614	59850	.442	.671	.329	36.68	44	1,614	38638	1.013	.844	.156
723	13.73	164	2,252	188184	.423	.664	.336	19.58	115	2,252	132972	.500	.691	.309
724	31.23	293	9,151	1353760	.291	.614	.386	45.30	202	9,151	929792	.148	.559	.441

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
725	33.81	271	9,162	1329181	2.015	.978	.022	49.26	186	9,162	903179	1.417	.922	.078
726	25.89	45	1,165	26965	.334	.631	.369	43.15	27	1,165	15139	-.337	.368	.368
727	18.94	1,335	25,281	17025693	.565	.714	.286	26.70	947	25,281	12046024	.336	.632	.368
728	17.98	573	10,305	3118581	2.334	.990	.010	25.63	402	10,305	2199639	2.152	.984	.016
729	29.60	218	6,453	768528	2.369	.991	.009	40.59	159	6,453	568093	2.345	.990	.010
730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
731	23.86	262	6,252	765970	-1.816	.035	.035	30.20	207	6,252	605581	-1.598	.055	.055
732	32.94	207	6,819	719147	.473	.682	.318	49.06	139	6,819	477156	.139	.555	.445
733	344.00	1	344	307	1.360	.913	.087	344.00	1	344	307	1.360	.913	.087
734	62.49	369	23,057	3964230	-2.267	.012	.012	95.28	242	23,057	2540814	-2.406	.008	.008
735	43.98	45	1,979	38358	-1.610	.054	.054	70.68	28	1,979	23756	-1.307	.096	.096
736	31.14	260	8,096	1077847	.673	.749	.251	51.24	158	8,096	625005	-.496	.310	.310
737	105.88	25	2,647	35769	.702	.759	.241	189.07	14	2,647	24921	2.236	.987	.013
738	70.96	202	14,333	1518043	1.197	.884	.116	111.11	129	14,333	977314	1.124	.870	.131
739	85.98	58	4,987	120116	-2.235	.013	.013	142.49	35	4,987	77745	-1.119	.132	.132
740	74.46	13	968	5440	-.846	.199	.199	193.60	5	968	2441	.034	.513	.487
741	71.00	2	142	77	-1.121	.131	.131	71.00	2	142	77	-1.121	.131	.131
742	23.26	1,138	26,466	15543195	1.878	.970	.030	32.76	808	26,466	11057307	1.681	.954	.046
743	16.39	2,037	33,395	35483367	3.380	1.000	0	23.03	1,450	33,395	25885816	4.561	1.000	0
744	37.92	167	6,333	543941	.641	.739	.261	55.55	114	6,333	363113	.109	.544	.456
745	26.57	337	8,954	1571942	1.332	.909	.092	36.40	246	8,954	1179713	1.933	.973	.027
746	31.28	657	20,552	7160933	2.694	.996	.004	46.08	446	20,552	4845764	2.096	.982	.018
747	43.39	451	19,569	4543578	1.090	.862	.138	68.42	286	19,569	2993730	2.045	.980	.020
748	21.55	1,529	32,946	24592845	-1.598	.055	.055	28.57	1,153	32,946	18176151	-2.531	.006	.006
749	26.98	503	13,573	3035274	-4.305	0	0	38.45	353	13,573	2099166	-4.027	0	0
750	15.81	1,175	18,579	11374963	2.501	.994	.006	22.07	842	18,579	8267330	2.863	.998	.002
751	22.70	336	7,628	1286599	.126	.550	.450	32.19	237	7,628	945307	1.221	.889	.111
752	101.33	12	1,216	7871	.473	.682	.318	173.71	7	1,216	4153	-.111	.456	.456
753	23.37	87	2,033	93967	1.011	.844	.156	33.88	60	2,033	65983	1.098	.864	.136
754	17.52	147	2,575	179064	-1.132	.129	.129	25.00	103	2,575	113226	-2.570	.005	.005
755	44.98	478	21,499	5184507	.341	.633	.367	63.61	338	21,499	3581420	-.455	.325	.325
756	--	--	--	--	--	--	--	--	--	--	--	--	--	--
757	42.04	139	5,844	408363	.111	.544	.456	60.88	96	5,844	269274	-.680	.248	.248
758	21.17	1,528	32,344	25217706	1.389	.918	.082	29.65	1,091	32,344	17994027	1.136	.872	.128
759	35.63	432	15,392	3631537	3.323	1.000	0	51.65	298	15,392	2495283	2.632	.996	.004
760	45.13	473	21,345	5305287	1.919	.973	.027	64.68	330	21,345	3688055	1.484	.931	.069
761	44.51	304	13,531	2010274	-.682	.248	.248	62.07	218	13,531	1422994	-.900	.184	.184
762	73.10	346	25,291	4460405	.626	.734	.266	111.91	226	25,291	2794501	-.578	.282	.282
763	28.19	42	1,184	22678	-.987	.162	.162	37.00	32	1,184	16902	-1.056	.146	.146
764	24.52	1,337	32,783	22062250	.424	.664	.336	36.03	910	32,783	14922871	.023	.509	.491
765	25.84	472	12,195	2939052	.798	.787	.213	34.55	353	12,195	2211197	.889	.813	.187
766	22.66	118	2,674	136003	-2.595	.005	.005	33.43	80	2,674	92714	-2.063	.020	.020
767	38.65	859	33,202	13821140	-1.563	.059	.059	60.04	553	33,202	9031442	-.661	.254	.254
768	36.60	927	33,925	15775787	.173	.569	.431	55.52	611	33,925	10293675	-.291	.386	.386
769	40.73	52	2,118	52778	-.519	.302	.302	57.24	37	2,118	40846	.447	.673	.327
770	108.48	75	8,136	328837	1.167	.878	.122	184.91	44	8,136	198735	1.267	.897	.103
771	43.69	85	3,714	158984	.115	.546	.454	58.03	64	3,714	124958	.712	.762	.238
772	36.60	5	183	564	.902	.816	.184	45.75	4	183	389	.218	.586	.414
773	36.93	14	517	3041	-1.035	.150	.150	51.70	10	517	2312	-.578	.282	.282
774	37.83	816	30,870	12703828	.428	.666	.334	55.22	559	30,870	8879965	1.195	.884	.116
775	25.33	12	304	1864	.132	.552	.448	43.43	7	304	1007	-.246	.403	.403
776	22.56	311	7,015	1182398	2.564	.995	.005	31.46	223	7,015	866321	2.783	.997	.003

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
777	22.84	300	6,852	1049973	0.647	.741	.259	31.87	215	6,852	768977	1.117	.868	.132
778	65.87	148	9,749	599823	-3.552	0	0	108.32	90	9,749	380514	-2.180	.015	.015
779	43.98	364	16,007	3100357	2.122	.983	.017	65.07	246	16,007	2156447	2.588	.995	.005
780	21.33	1,620	34,558	29538428	3.851	1.000	0	30.97	1,116	34,558	20187559	2.713	.997	.003
781	40.20	861	34,614	14713144	-.642	.261	.261	62.26	556	34,614	9621266	-.006	.498	.498
782	15.90	585	9,303	2893196	2.649	.996	.004	21.74	428	9,303	2128056	2.470	.993	.007
783	47.10	31	1,460	18753	-1.652	.049	.049	81.11	18	1,460	11052	-1.168	.122	.122
784	51.32	92	4,721	198502	-1.428	.077	.077	80.02	59	4,721	127175	-1.155	.124	.124
785	63.60	300	19,079	3042393	1.893	.971	.029	93.53	204	19,079	2099508	1.951	.974	.026
786	68.33	286	19,541	2773778	-.216	.415	.415	112.31	174	19,541	1681521	-.249	.402	.402
787	21.78	278	6,055	820032	-.742	.229	.229	32.21	188	6,055	538280	-1.289	.099	.099
788	20.15	80	1,612	63038	-.347	.364	.364	27.79	58	1,612	47402	.185	.573	.427
789	20.16	414	8,344	1721144	-.124	.451	.451	27.09	308	8,344	1266590	-.435	.332	.332
790	15.63	142	2,219	152815	-.620	.268	.268	22.19	100	2,219	110640	-.048	.481	.481
791	29.46	160	4,714	394253	.995	.840	.160	38.64	122	4,714	297633	.671	.749	.251
792	26.47	17	450	4797	1.815	.965	.035	37.50	12	450	3387	1.527	.937	.063
793	19.14	1,002	19,181	9612653	.017	.507	.493	25.89	741	19,181	7116229	.064	.526	.474
794	17.57	665	11,685	3889313	.047	.519	.481	25.80	453	11,685	2669205	.314	.623	.377
795	27.99	609	17,047	5332492	1.167	.878	.122	39.92	427	17,047	3877645	2.342	.990	.010
796	60.06	87	5,225	224497	-.198	.421	.421	91.67	57	5,225	152632	.327	.628	.372
797	45.75	622	28,459	9099762	1.215	.888	.112	65.88	432	28,459	6333997	1.094	.863	.137
798	43.38	16	694	4205	-1.681	.046	.046	69.40	10	694	2934	-.846	.199	.199
799	38.47	238	9,155	1118583	.715	.763	.237	62.28	147	9,155	672636	-.008	.497	.497
800	42.52	27	1,148	15384	-.066	.474	.474	76.53	15	1,148	8990	.296	.616	.384
801	77.10	192	14,804	1483606	1.054	.854	.146	120.36	123	14,804	939310	.609	.729	.271
802	108.00	14	1,512	8461	-1.300	.097	.097	137.46	11	1,512	6155	-1.493	.068	.068
803	25.61	285	7,299	1031729	-.236	.407	.407	37.24	196	7,299	699188	-.546	.292	.292
804	48.64	14	681	4138	-.855	.196	.196	61.91	11	681	2345	-2.148	.016	.016
805	35.58	323	11,493	1799785	-.945	.172	.172	53.46	215	11,493	1195002	-.832	.203	.203
806	18.43	931	17,161	8225526	1.568	.942	.058	26.36	651	17,161	5772899	1.479	.930	.070
807	21.96	598	13,131	4219251	3.162	.999	.001	34.20	384	13,131	2705414	2.481	.993	.007
808	25.84	697	18,012	6325309	.351	.637	.363	38.32	470	18,012	4391670	1.409	.921	.079
809	47.78	386	18,442	3483727	-.723	.235	.235	74.36	248	18,442	2252940	-.404	.343	.343
810	57.77	356	20,566	3797208	1.218	.888	.112	86.78	237	20,566	2519168	.898	.815	.185
811	16.25	454	7,376	1741886	1.489	.932	.068	23.57	313	7,376	1178068	.630	.736	.264
812	31.23	214	6,684	749577	1.218	.888	.112	43.69	153	6,684	518166	.287	.613	.387
813	11.86	7	83	273	-.276	.391	.391	11.86	7	83	273	-.276	.391	.391
814	54.60	447	24,404	5532950	.528	.701	.299	102.97	237	24,404	2896358	.041	.517	.484
815	17.05	1,782	30,377	27847456	2.111	.983	.017	23.49	1,293	30,377	20091186	1.435	.924	.076
816	16.59	779	12,922	5184446	1.454	.927	.073	23.93	540	12,922	3696012	2.389	.992	.008
817	25.29	246	6,220	766142	.038	.515	.485	35.34	176	6,220	545525	-.077	.469	.469
818	23.81	833	19,833	8344413	.508	.694	.306	34.86	569	19,833	5757434	.842	.800	.200
819	57.61	501	28,862	7037440	-1.032	.151	.151	98.17	294	28,862	4037995	-1.433	.076	.076
820	42.43	21	891	10081	.616	.731	.269	68.54	13	891	7038	1.344	.911	.089
821	57.69	138	7,961	561888	.466	.679	.321	90.47	88	7,961	344018	-.291	.386	.386
822	30.19	631	19,050	6488999	3.466	1.000	0	44.41	429	19,050	4420474	2.935	.998	.002
823	34.99	930	32,540	15248791	.411	.659	.341	54.87	593	32,540	9449170	-.870	.192	.192
824	32.65	65	2,122	63220	-1.163	.122	.122	57.35	37	2,122	31977	-1.954	.025	.025
825	34.87	116	4,045	249706	1.200	.885	.115	49.94	81	4,045	170915	.675	.750	.250
826	17.18	1,543	26,503	20303277	-.478	.316	.316	24.61	1,077	26,503	14248460	-.093	.463	.463
827	16.94	616	10,437	3293339	1.053	.854	.146	24.67	423	10,437	2279848	1.169	.879	.121
828	17.25	1,497	25,827	19973109	2.224	.987	.013	24.32	1,062	25,827	13829030	.473	.682	.318

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
829	15.61	346	5,401	949465	0.520	.699	.301	21.96	246	5,401	682664	0.750	.773	.227
830	31.20	420	13,102	2786579	.454	.675	.325	43.82	299	13,102	1986685	.427	.665	.335
831	22.43	632	14,176	4611228	1.279	.900	.100	32.82	432	14,176	3149226	1.025	.847	.153
832	27.81	63	1,752	51946	-.808	.210	.210	40.74	43	1,752	35268	-.724	.235	.235
833	46.89	35	1,641	27091	-.580	.281	.281	71.35	23	1,641	17140	-.762	.223	.223
834	36.66	112	4,106	235279	.426	.665	.335	60.38	68	4,106	149102	.972	.834	.166
835	16.21	1,144	18,549	10842431	1.283	.900	.100	21.47	864	18,549	8347840	2.126	.983	.017
836	32.82	230	7,548	894623	.805	.790	.210	45.20	167	7,548	642318	.428	.666	.334
837	15.59	766	11,942	4724151	1.576	.942	.058	22.28	536	11,942	3345618	1.819	.966	.034
838	15.12	504	7,618	1970088	1.020	.846	.154	20.87	365	7,618	1465257	1.784	.963	.037
839	18.16	124	2,252	135823	-.525	.300	.300	28.51	79	2,252	85852	-.537	.296	.296
840	25.93	1,406	36,458	26660988	2.613	.996	.004	37.55	971	36,458	18735667	3.157	.999	.001
841	16.88	1,071	18,077	10002076	1.885	.970	.030	23.69	763	18,077	7253236	2.476	.993	.007
842	19.00	986	18,731	9562652	1.933	.973	.027	26.35	711	18,731	6903127	1.694	.955	.045
843	16.87	213	3,594	390561	.515	.697	.303	22.60	159	3,594	295855	.775	.781	.219
844	25.44	690	17,555	6007889	-.365	.358	.358	35.47	495	17,555	4283431	-.545	.293	.293
845	14.06	266	3,740	520896	1.333	.909	.091	19.38	193	3,740	389709	1.920	.973	.027
846	13.75	471	6,477	1569010	1.076	.859	.141	18.35	353	6,477	1174662	.896	.815	.185
847	25.15	713	17,934	6465986	.525	.700	.300	34.62	518	17,934	4558736	-.731	.232	.232
848	27.87	1,032	28,763	15742070	3.376	1.000	0	40.57	709	28,763	10738849	2.453	.993	.007
849	20.56	330	6,785	1132375	.361	.641	.359	27.92	243	6,785	841675	.567	.714	.286
850	39.75	36	1,431	25851	.038	.515	.485	57.24	25	1,431	19027	.552	.709	.291
851	22.81	16	365	3941	2.423	.992	.008	28.08	13	365	3202	2.183	.986	.015
852	14.28	32	457	7883	.765	.778	.222	19.04	24	457	5578	.145	.558	.442
853	21.08	13	274	1612	-.593	.277	.277	39.14	7	274	636	-1.544	.061	.061
854	43.55	434	18,899	4412777	2.742	.997	.003	62.79	301	18,899	3054137	2.217	.987	.013
855	22.02	253	5,570	727538	.897	.815	.185	31.47	177	5,570	513282	.951	.829	.171
856	45.19	414	18,709	3848100	-.224	.411	.411	73.08	256	18,709	2381651	-.152	.440	.440
857	32.62	279	9,100	1404751	3.084	.999	.001	46.67	195	9,100	984016	2.638	.996	.004
858	35.27	300	10,580	1629225	.798	.788	.212	55.68	190	10,580	1077669	1.724	.958	.042
859	38.23	245	9,367	1170692	.549	.708	.292	56.09	167	9,367	798635	.472	.681	.319
860	43.46	28	1,217	13854	-1.713	.043	.043	110.64	11	1,217	6158	-.460	.323	.323
861	40.35	358	14,445	2553289	-.410	.341	.341	56.87	254	14,445	1791835	-.642	.260	.260
862	18.35	416	7,632	1630372	.955	.830	.170	24.70	309	7,632	1227069	1.238	.892	.108
863	19.36	22	426	5466	1.352	.912	.088	32.77	13	426	3310	1.220	.889	.111
864	70.04	258	18,069	2331953	.013	.505	.495	106.92	169	18,069	1506875	-.294	.384	.384
865	46.84	50	2,342	60089	.322	.626	.374	80.76	29	2,342	34482	.144	.557	.443
866	46.12	59	2,721	84382	.682	.752	.248	75.58	36	2,721	49391	.088	.535	.465
867	31.55	504	15,899	4238229	2.249	.988	.012	44.29	359	15,899	3021937	1.933	.973	.027
868	30.98	702	21,746	7976208	2.064	.981	.019	45.98	473	21,746	5473817	2.424	.992	.008
869	50.11	368	18,440	3204125	-1.849	.032	.032	81.59	226	18,440	1919055	-2.058	.020	.020
870	14.58	108	1,575	99334	3.023	.999	.001	21.00	75	1,575	67883	2.240	.987	.013
871	126.00	2	252	299	.457	.676	.324	252.00	1	252	211	1.168	.879	.121
872	24.30	20	486	4916	.089	.536	.464	37.39	13	486	3503	.680	.752	.248
873	14.44	1,625	23,470	19081853	.046	.518	.482	19.62	1,196	23,470	13892289	-.609	.271	.271
874	13.41	427	5,724	1164629	-1.682	.046	.046	17.89	320	5,724	893461	-.757	.225	.225
875	16.72	29	485	6754	-.369	.356	.356	20.21	24	485	5564	-.373	.355	.355
876	--	--	--	--	--	--	--	--	--	--	--	--	--	--
877	43.00	10	430	2633	1.231	.891	.109	86.00	5	430	1174	.357	.639	.361
878	17.29	906	15,666	6915822	-1.329	.092	.092	24.21	647	15,666	4831468	-2.056	.020	.020
879	47.91	386	18,493	3639603	.672	.749	.251	70.32	263	18,493	2519726	1.015	.845	.155
880	111.50	2	223	171	-.571	.284	.284	111.50	2	223	171	-.571	.284	.284

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
881	37.64	494	18,595	4675673	0.693	.756	.244	57.93	321	18,595	3045734	0.637	.738	.262
882	32.04	57	1,826	46850	-1.304	.096	.096	46.82	39	1,826	31290	-1.311	.095	.095
883	33.85	322	10,901	1716686	-.680	.248	.248	55.06	198	10,901	1082691	.079	.531	.469
884	40.45	337	13,631	2255954	-.566	.286	.286	60.85	224	13,631	1471064	-.944	.173	.173
885	35.74	831	29,698	12568619	.927	.823	.177	54.49	545	29,698	8337617	1.224	.889	.111
886	20.72	1,031	21,366	11097552	.421	.663	.337	28.68	745	21,366	7981120	.132	.553	.447
887	19.16	1,309	25,079	17428621	3.873	1.000	0	27.03	928	25,079	12358115	3.271	.999	.001
888	25.41	745	18,929	7372999	2.159	.985	.015	39.27	482	18,929	4904405	2.855	.998	.002
889	45.91	299	13,726	2239128	2.731	.997	.003	75.42	182	13,726	1345906	1.812	.965	.035
890	43.33	302	13,085	1920649	-.841	.200	.200	69.60	188	13,085	1167269	-1.211	.113	.113
891	51.99	349	18,143	3322902	1.604	.946	.054	71.43	254	18,143	2368376	.769	.779	.221
892	50.53	143	7,226	510900	-.231	.409	.409	66.91	108	7,226	387318	-.133	.447	.447
893	42.69	631	26,939	8254493	-1.253	.105	.105	66.03	408	26,939	5182512	-1.993	.023	.023
894	25.60	220	5,631	640053	.856	.804	.196	36.80	153	5,631	447943	.854	.803	.197
895	75.87	225	17,071	1988496	.920	.821	.179	143.45	119	17,071	1059488	.814	.792	.208
896	17.88	2,000	35,755	37085619	2.883	.998	.002	26.08	1,371	35,755	25241555	1.914	.972	.028
897	23.00	8	184	720	-.107	.458	.458	36.80	5	184	506	.387	.651	.349
898	14.42	84	1,211	51662	.250	.599	.401	19.85	61	1,211	38609	.613	.730	.270
899	29.00	2	58	44	-.591	.277	.277	29.00	2	58	44	-.591	.277	.277
900	22.52	68	1,531	55511	.949	.829	.171	33.28	46	1,531	32406	-.936	.175	.175
901	35.80	951	34,050	16766017	1.898	.971	.029	53.37	638	34,050	11318113	1.837	.967	.033
902	33.06	34	1,124	20776	.882	.811	.189	51.09	22	1,124	13192	.544	.707	.293
903	101.92	248	25,276	3230972	.842	.800	.200	191.49	132	25,276	1786764	1.414	.921	.079
904	198.00	2	396	564	1.039	.851	.149	--	--	--	--	--	--	--
905	77.33	215	16,626	1785877	-.020	.492	.492	116.27	143	16,626	1151767	-.645	.260	.260
906	43.63	725	31,631	11514491	.196	.578	.422	72.22	438	31,631	7056694	.678	.751	.249
907	--	--	--	--	--	--	--	--	--	--	--	--	--	--
908	47.55	416	19,782	4306022	1.643	.950	.050	75.50	262	19,782	2670311	.853	.803	.197
909	41.55	202	8,392	864314	.486	.686	.314	67.14	125	8,392	585650	2.258	.988	.012
910	120.09	59	7,085	213717	.300	.618	.382	214.70	33	7,085	135024	1.542	.938	.062
911	139.80	15	2,097	16030	.129	.551	.449	262.13	8	2,097	9121	.428	.666	.334
912	20.13	15	302	1635	-1.866	.031	.031	21.57	14	302	1522	-1.815	.035	.035
913	28.42	226	6,422	773230	1.706	.956	.044	40.39	159	6,422	559890	2.111	.983	.017
914	21.95	165	3,622	291705	-.529	.298	.298	36.59	99	3,622	179807	.050	.520	.480
915	19.39	1,735	33,649	31506167	5.723	0	0	26.75	1,258	33,649	23029175	5.410	0	0
916	19.78	967	19,131	9918218	3.892	1.000	0	26.28	728	19,131	7756241	5.319	0	0
917	60.23	128	7,709	405934	-3.473	0	0	105.60	73	7,709	226941	-2.863	.002	.002
918	14.49	611	8,856	2829840	1.968	.975	.025	19.09	464	8,856	2155596	1.834	.967	.033
919	32.89	298	9,801	1463782	.070	.528	.472	46.67	210	9,801	1087163	1.416	.922	.078
920	17.26	1,107	19,104	10856603	1.540	.938	.062	24.56	778	19,104	7601365	1.105	.865	.135
921	26.63	164	4,368	395415	2.306	.989	.011	40.44	108	4,368	270085	2.611	.995	.005
922	54.67	416	22,744	4884173	1.146	.874	.126	89.54	254	22,744	2932783	.423	.664	.336
923	46.88	713	33,427	11224622	-2.686	.004	.004	73.63	454	33,427	7239608	-1.694	.045	.045
924	63.90	10	639	2448	-1.281	.100	.100	106.50	6	639	1897	-.044	.482	.482
925	77.87	54	4,205	134035	2.298	.989	.011	113.65	37	4,205	95697	2.425	.992	.008
926	29.26	19	556	6122	1.201	.885	.115	39.71	14	556	4438	.909	.818	.182
927	23.83	186	4,433	403934	-.478	.317	.317	34.63	128	4,433	289978	.433	.667	.333
928	42.59	179	7,623	769917	2.977	.999	.001	71.92	106	7,623	440691	1.619	.947	.053
929	20.90	752	15,716	5774203	-1.085	.139	.139	28.32	555	15,716	4313960	-.442	.329	.329
930	48.97	186	9,108	893586	1.298	.903	.097	69.53	131	9,108	626656	1.000	.841	.159
931	33.40	145	4,843	358699	.450	.674	.326	43.63	111	4,843	282763	.949	.829	.171
932	26.90	121	3,255	191169	-.557	.289	.289	50.08	65	3,255	99522	-.827	.204	.204

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
933	--	--	--	--	--	--	--	--	--	--	--	--	--	--
934	26.29	211	5,547	591162	0.256	.601	.399	35.33	157	5,547	447564	0.604	.727	.273
935	15.27	1,290	19,694	13288481	2.869	.998	.002	21.04	936	19,694	9625071	2.347	.991	.009
936	14.48	657	9,510	3094711	-.417	.338	.338	20.23	470	9,510	2224195	-.179	.429	.429
937	15.73	567	8,920	2496735	-.523	.300	.300	21.14	422	8,920	1813100	-1.305	.096	.096
938	35.01	723	25,311	9510669	1.836	.967	.033	48.30	524	25,311	6868416	1.417	.922	.078
939	21.98	983	21,605	10835039	1.106	.865	.135	30.22	715	21,605	7971699	1.487	.931	.069
940	35.81	444	15,898	3593282	.661	.746	.254	47.60	334	15,898	2746843	1.095	.863	.137
941	24.56	670	16,452	5167374	-2.799	.003	.003	33.85	486	16,452	3813468	-1.761	.039	.039
942	32.91	399	13,131	2604661	-.198	.422	.422	51.90	253	13,131	1617805	-.718	.237	.237
943	43.18	756	32,647	12444161	.400	.655	.345	67.59	483	32,647	8085643	.972	.834	.166
944	19.66	292	5,740	856977	.669	.748	.252	28.56	201	5,740	562168	-.626	.266	.266
945	32.66	654	21,362	7307457	2.042	.979	.021	45.16	473	21,362	5262263	1.567	.941	.059
946	21.03	467	9,820	2300671	.126	.550	.450	29.85	329	9,820	1601034	-.279	.390	.390
947	30.36	454	13,784	3344086	2.537	.994	.006	44.47	310	13,784	2264557	1.828	.966	.034
948	36.85	33	1,216	20852	.391	.652	.348	64.00	19	1,216	11977	.278	.609	.391
949	113.29	234	26,509	3330847	1.959	.975	.025	207.10	128	26,509	1789450	1.073	.858	.142
950	--	--	--	--	--	--	--	--	--	--	--	--	--	--
951	18.85	658	12,405	3967543	-1.238	.108	.108	26.79	463	12,405	2775577	-1.248	.106	.106
952	22.71	217	4,929	582721	2.286	.989	.011	32.86	150	4,929	403717	1.953	.975	.025
953	26.62	527	14,026	3774330	.844	.801	.199	39.40	356	14,026	2600365	1.358	.913	.087
954	22.85	303	6,922	1141251	2.661	.996	.004	32.35	214	6,922	800037	2.032	.979	.021
955	33.29	993	33,055	16464841	.176	.570	.430	49.48	668	33,055	10871666	-.684	.247	.247
956	34.26	1,014	34,736	17666559	.174	.569	.431	50.05	694	34,736	11976611	-.291	.386	.386
957	20.11	213	4,283	469014	.714	.762	.238	27.63	155	4,283	333139	.078	.531	.469
958	42.66	294	12,543	1893510	.800	.788	.212	65.33	192	12,543	1299918	1.909	.972	.028
959	18.46	749	13,823	5080482	-.881	.189	.189	26.18	528	13,823	3547582	-1.109	.134	.134
960	16.62	47	781	20352	1.293	.902	.098	22.97	34	781	14807	1.164	.878	.122
961	27.63	727	20,090	7208711	-.601	.274	.274	38.78	518	20,090	5224344	.159	.563	.437
962	89.88	8	719	3427	.939	.826	.174	179.75	4	719	1653	.518	.698	.302
963	38.03	30	1,141	15443	-.927	.177	.177	63.39	18	1,141	7403	-2.051	.020	.020
964	37.32	54	2,015	51400	-.703	.241	.241	54.46	37	2,015	35850	-.404	.343	.343
965	29.04	351	10,194	1798450	.171	.568	.432	43.38	235	10,194	1184859	-.287	.387	.387
966	57.35	155	8,889	693737	.152	.560	.440	84.66	105	8,889	463132	-.135	.446	.446
967	56.79	89	5,054	206431	-1.342	.090	.090	99.10	51	5,054	130301	.137	.554	.446
968	20.04	79	1,583	67179	1.145	.874	.126	28.78	55	1,583	45291	.519	.698	.302
969	21.73	56	1,217	37868	1.442	.925	.075	29.68	41	1,217	27851	1.290	.901	.099
970	34.14	959	32,743	15761568	.209	.583	.417	48.22	679	32,743	11312440	.797	.787	.213
971	20.75	83	1,722	73987	.557	.711	.289	30.75	56	1,722	51102	.776	.781	.219
972	31.24	593	18,526	5916306	3.251	.999	.001	45.97	403	18,526	3960421	2.118	.983	.017
973	98.69	198	19,541	2073829	1.755	.960	.040	152.66	128	19,541	1371487	1.894	.971	.029
974	20.90	534	11,161	3032709	.708	.760	.240	30.50	366	11,161	2092936	.819	.794	.206
975	22.19	559	12,404	3465577	-.016	.494	.494	30.18	411	12,404	2585200	.498	.691	.309
976	24.00	37	888	17947	.974	.835	.165	29.60	30	888	13696	.268	.606	.394
977	18.60	5	93	251	.308	.621	.379	31.00	3	93	135	-.097	.461	.461
978	24.11	554	13,354	3944102	2.701	.997	.003	33.81	395	13,354	2803559	2.169	.985	.015
979	23.52	243	5,715	695151	.030	.512	.488	32.66	175	5,715	510205	.465	.679	.321
980	23.66	151	3,573	265213	-.359	.360	.360	30.28	118	3,573	199951	-.969	.166	.166
981	15.00	1	15	15	1.732	.958	.042	15.00	1	15	15	1.732	.958	.042
982	22.71	17	386	3452	.372	.645	.355	27.57	14	386	2718	.038	.515	.485
983	16.81	622	10,455	3340484	1.182	.881	.119	25.82	405	10,455	2191099	1.218	.888	.112
984	36.43	97	3,534	178979	.754	.775	.225	52.75	67	3,534	112348	-.723	.235	.235

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
985	26.93	45	1,212	26760	-0.217	.414	.414	35.65	34	1,212	20131	-0.232	.408	.408
986	27.94	124	3,465	250027	3.160	.999	.001	36.86	94	3,465	202786	4.118	1.000	0
987	34.15	658	22,473	7291417	-.614	.270	.270	49.94	450	22,473	4914806	-1.029	.152	.152
988	20.22	116	2,346	133117	-.405	.343	.343	27.93	84	2,346	98091	-.071	.472	.472
989	18.06	895	16,159	7424104	1.383	.917	.083	25.94	623	16,159	5145913	.965	.833	.167
990	22.01	847	18,639	8355440	2.949	.998	.002	30.21	617	18,639	6071672	2.406	.992	.008
991	28.93	642	18,574	6085950	.911	.819	.181	42.70	435	18,574	4344220	2.722	.997	.003
992	18.42	1,085	19,989	11607926	4.019	1.000	0	26.34	759	19,989	8127519	3.408	1.000	0
993	36.03	38	1,369	29923	1.606	.946	.054	54.76	25	1,369	21131	2.034	.979	.021
994	31.68	195	6,177	628241	1.044	.852	.148	43.50	142	6,177	453897	.722	.765	.235
995	26.61	619	16,470	5312674	1.819	.966	.034	37.52	439	16,470	3799635	1.852	.968	.032
996	48.41	596	28,850	9101362	2.479	.993	.007	67.09	430	28,850	6637811	2.519	.994	.006
997	28.79	957	27,555	13601234	1.691	.955	.045	40.46	681	27,555	9792562	1.976	.976	.024
998	30.03	710	21,324	7855829	1.743	.959	.041	43.52	490	21,324	5465064	1.766	.961	.039
999	28.73	127	3,649	214622	-1.440	.075	.075	40.10	91	3,649	149238	-1.671	.047	.047
1000	20.38	442	9,008	2055012	1.175	.880	.120	29.73	303	9,008	1438469	1.630	.948	.052
1001	22.92	860	19,714	8993437	3.094	.999	.001	32.80	601	19,714	6351730	3.065	.999	.001
1002	7.00	2	14	18	.700	.758	.242	14.00	1	14	6	-.247	.402	.402
1003	40.71	500	20,356	5391799	2.305	.989	.011	63.22	322	20,356	3517026	2.273	.989	.012
1004	29.46	692	20,384	7303890	1.622	.948	.052	39.05	522	20,384	5447926	.950	.829	.171
1005	35.82	596	21,346	6276111	-.565	.286	.286	53.23	401	21,346	4061282	-1.772	.038	.038
1006	21.12	134	2,830	181882	-.817	.207	.207	30.76	92	2,830	119844	-1.319	.094	.094
1007	27.47	308	8,461	1234613	-1.595	.055	.055	35.70	237	8,461	897867	-2.786	.003	.003
1008	22.56	616	13,894	4232818	-.468	.320	.320	33.40	416	13,894	2868437	-.263	.396	.396
1009	17.37	721	12,527	4580215	.662	.746	.254	24.66	508	12,527	3276959	1.167	.878	.122
1010	24.97	627	15,655	4727091	-1.597	.055	.055	33.74	464	15,655	3505659	-1.297	.097	.097
1011	36.70	556	20,404	5699440	.195	.577	.423	51.92	393	20,404	4080244	.607	.728	.272
1012	37.89	79	2,993	124817	.859	.805	.195	59.86	50	2,993	81921	1.162	.877	.123
1013	35.70	306	10,925	1656303	-.276	.391	.391	53.29	205	10,925	1088879	-.685	.247	.247
1014	29.65	79	2,342	95641	.521	.699	.301	45.04	52	2,342	62260	.281	.611	.389
1015	61.00	7	427	1054	-1.351	.088	.088	85.40	5	427	853	-.778	.218	.218
1016	20.68	969	20,037	9678398	-.164	.435	.435	30.27	662	20,037	6577240	-.370	.356	.356
1017	24.57	76	1,867	81895	2.330	.990	.010	36.61	51	1,867	58097	2.725	.997	.003
1018	15.04	161	2,421	178968	-1.796	.036	.036	19.52	124	2,421	137435	-1.628	.052	.052
1019	43.58	185	8,062	793656	1.514	.935	.065	76.06	106	8,062	459382	1.340	.910	.090
1020	43.29	136	5,888	435180	1.755	.960	.040	66.91	88	5,888	270194	.698	.757	.243
1021	39.56	613	24,253	7511446	.449	.673	.327	60.03	404	24,253	4990861	.652	.743	.257
1022	19.59	504	9,875	2484157	-.068	.473	.473	28.46	347	9,875	1681763	-.594	.276	.276
1023	21.53	313	6,740	1015292	-1.148	.126	.126	29.05	232	6,740	749017	-1.108	.134	.134
1024	22.64	518	11,727	3064586	.354	.638	.362	31.27	375	11,727	2294421	1.458	.928	.072
1025	32.84	86	2,824	110467	-1.450	.074	.074	48.69	58	2,824	78057	-.618	.268	.268
1026	21.12	905	19,114	8822182	1.043	.851	.149	30.73	622	19,114	6211280	1.939	.974	.026
1027	32.65	207	6,758	704173	.168	.567	.433	48.27	140	6,758	484445	.493	.689	.311
1028	38.12	718	27,372	10292748	2.202	.986	.014	58.12	471	27,372	6877934	2.518	.994	.006
1029	25.96	599	15,548	4916063	2.362	.991	.009	38.77	401	15,548	3308429	2.126	.983	.017
1030	23.11	530	12,246	3312098	.822	.794	.206	34.21	358	12,246	2279170	1.303	.904	.096
1031	63.45	40	2,538	42764	-1.726	.042	.042	94.00	27	2,538	30079	-1.099	.136	.136
1032	29.46	1,237	36,443	22488081	-.140	.444	.444	41.84	871	36,443	15925233	.175	.569	.431
1033	16.16	1,326	21,434	14621675	1.824	.966	.034	22.63	947	21,434	10550003	2.106	.982	.018
1034	42.43	51	2,164	53011	-.487	.313	.313	56.95	38	2,164	42086	.252	.599	.401
1035	33.84	999	33,805	17111557	.733	.768	.232	48.36	699	33,805	12037811	.864	.806	.194
1036	11.91	45	536	12195	.130	.552	.448	14.11	38	536	10368	.193	.577	.423

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1037	26.63	16	426	2557	-1.730	.042	.042	30.43	14	426	1739	-2.701	.003	.003
1038	25.90	134	3,471	250585	1.554	.940	.060	36.93	94	3,471	169418	.647	.741	.259
1039	162.84	43	7,002	175332	1.870	.969	.031	318.27	22	7,002	93391	1.727	.958	.042
1040	152.69	45	6,871	150229	-.328	.371	.371	229.03	30	6,871	102807	-.024	.491	.491
1041	166.67	21	3,500	35611	-.246	.403	.403	318.18	11	3,500	16867	-.711	.239	.239
1042	13.32	932	12,414	5739574	-.415	.339	.339	18.31	678	12,414	4235911	.295	.616	.384
1043	67.29	7	471	744	-2.514	.006	.006	94.20	5	471	436	-2.439	.007	.007
1044	43.79	187	8,188	843395	2.408	.992	.008	67.12	122	8,188	563061	2.436	.993	.007
1045	47.84	418	19,999	4478145	2.528	.994	.006	72.46	276	19,999	2960951	2.097	.982	.018
1046	29.41	58	1,706	51947	.659	.745	.255	36.30	47	1,706	45670	1.652	.951	.049
1047	29.33	689	20,211	7463533	3.270	.999	.001	42.91	471	20,211	5067747	2.433	.993	.007
1048	32.03	375	12,010	2279094	.405	.657	.343	45.67	263	12,010	1587582	.147	.558	.442
1049	27.98	175	4,897	437192	.466	.679	.321	39.81	123	4,897	295058	-.390	.348	.348
1050	14.96	805	12,043	5134164	2.908	.998	.002	20.17	597	12,043	3726801	1.554	.940	.060
1051	33.39	535	17,865	4720704	-.488	.313	.313	45.34	394	17,865	3569250	.487	.687	.313
1052	42.59	17	724	5417	-.855	.196	.196	65.82	11	724	3328	-.944	.173	.173
1053	14.70	71	1,044	35952	-.437	.331	.331	19.70	53	1,044	26586	-.492	.311	.311
1054	30.50	2	61	24	-1.486	.069	.069	61.00	1	61	21	-.540	.295	.295
1055	17.06	196	3,344	345115	1.288	.901	.099	26.54	126	3,344	219956	.857	.804	.196
1056	41.22	51	2,102	59375	1.332	.909	.091	55.32	38	2,102	43374	.919	.821	.179
1057	63.50	8	508	1869	-.393	.347	.347	84.67	6	508	1449	-.209	.417	.417
1058	25.12	1,403	35,247	25156200	1.129	.871	.129	35.25	1,000	35,247	18085362	1.435	.924	.076
1059	32.50	22	715	6565	-1.343	.090	.090	55.00	13	715	3230	-1.905	.028	.028
1060	32.05	756	24,233	9596743	2.270	.988	.012	47.99	505	24,233	6393207	1.745	.960	.040
1061	34.74	19	660	6023	-.297	.383	.383	41.25	16	660	5238	-.055	.478	.478
1062	56.22	37	2,080	32658	-1.594	.055	.055	86.67	24	2,080	18869	-2.071	.019	.019
1063	74.13	322	23,869	3951468	.878	.810	.190	114.76	208	23,869	2518225	.361	.641	.359
1064	72.88	17	1,239	11408	.594	.724	.276	103.25	12	1,239	8452	.822	.794	.206
1065	32.46	187	6,070	567023	-.022	.491	.491	49.75	122	6,070	362071	-.424	.336	.336
1066	24.11	461	11,113	2627238	.954	.830	.170	35.28	315	11,113	1778623	.498	.691	.309
1067	27.79	33	917	16661	1.007	.843	.157	36.68	25	917	12757	.978	.836	.164
1068	34.10	21	716	7183	-.354	.362	.362	44.75	16	716	5514	-.259	.398	.398
1069	43.34	125	5,418	319033	-1.120	.131	.131	53.12	102	5,418	271678	-.294	.384	.384
1070	31.82	1,107	35,225	19343838	-.453	.325	.325	45.10	781	35,225	13455605	-1.055	.146	.146
1071	22.72	864	19,631	8784398	1.824	.966	.034	32.88	597	19,631	6086929	1.640	.949	.051
1072	26.90	62	1,668	49466	-.591	.277	.277	37.07	45	1,668	35171	-.730	.233	.233
1073	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1074	20.11	1,497	30,105	22846017	.929	.824	.176	28.14	1,070	30,105	16173364	.236	.593	.407
1075	34.07	76	2,589	102592	.646	.741	.259	53.94	48	2,589	59474	-.514	.304	.304
1076	28.51	633	18,047	5727330	.118	.547	.453	41.78	432	18,047	3859926	-.353	.362	.362
1077	25.85	133	3,438	237781	.800	.788	.212	36.19	95	3,438	167558	.440	.670	.330
1078	58.04	474	27,513	6558858	.221	.588	.412	90.21	305	27,513	4350930	1.119	.868	.132
1079	32.26	970	31,290	15362475	.664	.747	.253	48.97	639	31,290	10153176	.683	.753	.247
1080	34.57	14	484	3997	1.165	.878	.122	48.40	10	484	2864	1.005	.842	.158
1081	40.29	527	21,232	5495408	-.705	.240	.240	61.54	345	21,232	3717048	.479	.684	.316
1082	41.25	332	13,695	2388340	1.596	.945	.055	60.60	226	13,695	1618577	1.195	.884	.116
1083	58.23	265	15,430	2084867	.557	.711	.289	92.95	166	15,430	1263541	-.299	.383	.383
1084	18.72	65	1,217	39564	.004	.502	.498	27.04	45	1,217	27057	-.138	.445	.445
1085	20.22	1,797	36,335	32943675	.667	.748	.252	29.52	1,231	36,335	22635761	.738	.770	.230
1086	46.75	108	5,049	251769	-1.378	.084	.084	63.91	79	5,049	176767	-1.750	.040	.040
1087	106.44	132	14,050	899796	-.590	.278	.278	182.47	77	14,050	513030	-.784	.217	.217
1088	15.01	150	2,252	171107	.277	.609	.391	19.75	114	2,252	134013	.814	.792	.208

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1089	40.90	29	1,186	15934	-0.685	.247	.247	59.30	20	1,186	11345	-0.336	.368	.368
1090	32.32	315	10,180	1564067	-.753	.226	.226	49.90	204	10,180	1018058	-.484	.314	.314
1091	43.58	452	19,700	4467686	.128	.551	.449	71.64	275	19,700	2697469	-.120	.452	.452
1092	11.18	11	123	379	-2.526	.006	.006	12.30	10	123	285	-2.939	.002	.002
1093	16.24	293	4,757	746990	2.131	.983	.017	23.67	201	4,757	511013	1.692	.955	.045
1094	27.25	947	25,807	12779459	2.442	.993	.007	38.18	676	25,807	9267621	2.813	.998	.002
1095	20.39	97	1,978	91989	-.701	.242	.242	28.67	69	1,978	63661	-.966	.167	.167
1096	48.74	392	19,104	3873492	1.182	.881	.119	75.21	254	19,104	2504542	.891	.814	.186
1097	21.77	874	19,028	9134635	5.046	0	0	30.84	617	19,028	6374564	3.697	1.000	0
1098	29.61	499	14,774	3711226	.264	.604	.396	43.45	340	14,774	2495189	-.208	.417	.417
1099	103.00	2	206	154	-.618	.268	.268	--	--	--	--	--	--	--
1100	26.11	108	2,820	142836	-1.116	.132	.132	39.72	71	2,820	95796	-.629	.265	.265
1101	22.34	1,307	29,198	19386346	1.002	.842	.158	31.98	913	29,198	13646907	1.249	.894	.106
1102	40.62	777	31,561	12009573	-.992	.161	.161	65.89	479	31,561	7396357	-.815	.208	.208
1103	177.39	59	10,466	301673	-.305	.380	.380	337.61	31	10,466	169956	.460	.677	.323
1104	23.53	332	7,812	1357346	1.474	.930	.070	32.28	242	7,812	1013616	1.949	.974	.026
1105	21.78	608	13,243	4177929	1.613	.947	.053	30.87	429	13,243	2948992	1.369	.914	.086
1106	40.67	553	22,491	6215129	-.024	.490	.490	60.95	369	22,491	4126469	-.185	.426	.426
1107	43.51	37	1,610	25571	-1.491	.068	.068	59.63	27	1,610	19714	-.837	.201	.201
1108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1109	32.95	106	3,493	169607	-1.495	.067	.067	51.37	68	3,493	112124	-.798	.212	.212
1110	33.75	104	3,510	161449	-2.039	.021	.021	44.43	79	3,510	123161	-1.719	.043	.043
1111	53.62	42	2,252	40915	-1.514	.065	.065	86.62	26	2,252	23940	-1.610	.054	.054
1112	18.32	656	12,016	4108993	1.888	.970	.030	25.35	474	12,016	3000079	2.017	.978	.022
1113	44.76	659	29,498	9527094	-.881	.189	.189	72.12	409	29,498	5910921	-.705	.240	.240
1114	25.63	473	12,124	2818241	-.645	.260	.260	36.74	330	12,124	1948151	-.823	.205	.205
1115	41.52	140	5,813	422448	.783	.783	.217	62.51	93	5,813	282010	.723	.765	.235
1116	18.39	79	1,453	55509	-.506	.307	.307	25.05	58	1,453	40708	-.447	.327	.327
1117	26.26	599	15,727	4764742	.491	.688	.312	36.07	436	15,727	3420610	-.083	.467	.467
1118	27.59	29	800	12366	.616	.731	.269	38.10	21	800	8048	-.333	.370	.370
1119	26.62	285	7,586	1043373	-1.018	.154	.154	40.35	188	7,586	679965	-1.103	.135	.135
1120	42.03	582	24,462	7138860	.120	.548	.452	69.10	354	24,462	4321767	-.060	.476	.476
1121	32.15	923	29,675	13701865	.026	.511	.489	49.21	603	29,675	8768291	-.850	.198	.198
1122	32.94	31	1,021	14056	-1.078	.141	.141	44.39	23	1,021	8917	-1.998	.023	.023
1123	28.79	792	22,804	9162882	.715	.763	.237	44.19	516	22,804	5746719	-.914	.180	.180
1124	23.24	59	1,371	35017	-1.785	.037	.037	42.84	32	1,371	20840	-.490	.312	.312
1125	30.32	93	2,820	134834	.472	.681	.319	47.00	60	2,820	87655	.485	.686	.314
1126	47.69	81	3,863	155634	-.082	.467	.467	64.38	60	3,863	121229	.618	.732	.268
1127	41.78	639	26,696	7971135	-2.866	.002	.002	63.87	418	26,696	5207068	-2.364	.009	.009
1128	43.82	220	9,641	1066090	.135	.554	.446	65.59	147	9,641	679062	-.876	.191	.191
1129	63.12	57	3,598	107537	.637	.738	.262	94.68	38	3,598	74947	1.029	.848	.152
1130	94.38	8	755	2586	-.704	.241	.241	125.83	6	755	1421	-1.581	.057	.057
1131	23.88	580	13,853	4217690	2.080	.981	.019	34.38	403	13,853	2999915	2.598	.995	.005
1132	53.54	13	696	3819	-.973	.165	.165	99.43	7	696	1641	-1.496	.067	.067
1133	26.30	384	10,098	1921181	-.309	.379	.379	36.85	274	10,098	1350842	-.675	.250	.250
1134	52.69	13	685	4558	.148	.559	.441	85.63	8	685	2780	.072	.529	.471
1135	14.61	54	789	18501	-1.674	.047	.047	18.79	42	789	14689	-1.274	.101	.101
1136	54.23	514	27,875	7303219	.764	.777	.223	87.38	319	27,875	4406333	-.276	.391	.391
1137	28.62	669	19,145	6566155	1.134	.872	.128	41.89	457	19,145	4504849	1.102	.865	.135
1138	68.58	36	2,469	47824	.791	.785	.215	137.17	18	2,469	22535	.104	.541	.459
1139	111.32	28	3,117	32712	-2.295	.011	.011	207.80	15	3,117	18052	-1.528	.063	.063
1140	41.56	268	11,137	1445480	-.891	.187	.187	62.92	177	11,137	944577	-.960	.169	.169

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1141	18.10	1,103	19,965	11502752	2.571	.995	.005	25.53	782	19,965	8354266	3.400	1.000	0
1142	17.61	1,858	32,715	30899306	1.246	.894	.107	25.28	1,294	32,715	21572601	1.195	.884	.116
1143	59.70	151	9,015	688094	.233	.592	.408	96.94	93	9,015	404712	-.577	.282	.282
1144	34.80	69	2,401	87381	.790	.785	.215	46.17	52	2,401	64420	.399	.655	.345
1145	62.13	23	1,429	22071	2.850	.998	.002	95.27	15	1,429	13936	2.015	.978	.022
1146	49.12	542	26,623	7177519	-.209	.417	.417	75.21	354	26,623	4693628	-.129	.449	.449
1147	38.09	163	6,208	523334	.760	.776	.224	53.98	115	6,208	361393	.231	.591	.409
1148	48.87	266	13,000	1723852	-.084	.466	.466	80.75	161	13,000	1032806	-.288	.387	.387
1149	28.98	417	12,084	2629348	1.542	.938	.062	40.96	295	12,084	1797283	.249	.598	.402
1150	52.11	258	13,443	1782189	.771	.779	.221	81.97	164	13,443	1120483	.365	.643	.357
1151	23.31	49	1,142	26235	-.756	.225	.225	38.07	30	1,142	14592	-1.406	.080	.080
1152	24.28	1,090	26,466	14840253	1.650	.951	.049	35.10	754	26,466	10224402	1.176	.880	.120
1153	15.71	31	487	7336	-.272	.393	.393	21.17	23	487	5429	-.254	.400	.400
1154	29.98	435	13,041	2823204	-.168	.433	.433	43.62	299	13,041	1911278	-.589	.278	.278
1155	19.84	69	1,369	40572	-2.028	.021	.021	29.13	47	1,369	29412	-1.019	.154	.154
1156	27.87	467	13,013	3120984	1.016	.845	.155	39.55	329	13,013	2209198	1.006	.843	.157
1157	33.55	538	18,047	5057275	1.677	.953	.047	54.36	332	18,047	3124041	1.351	.912	.088
1158	18.27	195	3,562	359751	.868	.807	.193	25.09	142	3,562	265307	1.012	.844	.156
1159	23.90	1,542	36,849	28745036	.801	.788	.212	34.73	1,061	36,849	19662402	.329	.629	.371
1160	34.17	41	1,401	31990	1.263	.897	.103	48.31	29	1,401	22276	.901	.816	.184
1161	37.39	153	5,720	447142	.468	.680	.320	57.78	99	5,720	296052	.786	.784	.216
1162	110.00	11	1,210	6839	.159	.563	.437	403.33	3	1,210	2734	1.519	.936	.064
1163	143.64	22	3,160	31664	-.724	.235	.235	210.67	15	3,160	22969	-.207	.418	.418
1164	19.86	965	19,160	9383742	.809	.791	.209	27.81	689	19,160	6772023	1.181	.881	.119
1165	42.09	236	9,934	1234330	1.410	.921	.079	60.21	165	9,934	871861	1.420	.922	.078
1166	15.57	770	11,989	4825046	2.179	.985	.015	22.28	538	11,989	3384776	1.990	.977	.023
1167	18.20	371	6,751	1283796	.839	.799	.201	25.87	261	6,751	909645	.910	.818	.182
1168	46.26	54	2,498	66050	-.263	.396	.396	55.51	45	2,498	57471	.262	.603	.397
1169	104.08	12	1,249	7798	.243	.596	.404	156.13	8	1,249	4181	-.799	.212	.212
1170	17.74	932	16,537	8024946	2.187	.986	.014	24.36	679	16,537	5821595	1.666	.952	.048
1171	23.06	531	12,247	3212568	-.479	.316	.316	34.02	360	12,247	2155172	-.735	.231	.231
1172	21.54	899	19,365	8975691	1.618	.947	.053	29.57	655	19,365	6510948	1.181	.881	.119
1173	33.31	714	23,783	8500988	.057	.523	.477	48.94	486	23,783	5885031	.699	.758	.242
1174	36.55	139	5,080	370013	.981	.837	.163	54.04	94	5,080	255451	1.174	.880	.120
1175	33.57	808	27,125	11099654	.634	.737	.263	50.23	540	27,125	7517668	1.066	.857	.143
1176	32.70	20	654	5912	-.744	.229	.229	46.71	14	654	3801	-1.100	.136	.136
1177	27.33	52	1,421	36914	-.011	.496	.496	36.44	39	1,421	29814	.822	.794	.206
1178	28.51	626	17,848	5669091	.641	.739	.261	42.70	418	17,848	3747084	.160	.564	.436
1179	38.20	459	17,533	4111872	.812	.792	.208	55.66	315	17,533	2798061	.408	.658	.342
1180	44.08	38	1,675	32906	.363	.642	.358	62.04	27	1,675	24029	.564	.714	.286
1181	120.50	10	1,205	6623	.544	.707	.293	200.83	6	1,205	3056	-.656	.256	.256
1182	14.87	651	9,681	3272001	1.695	.955	.045	20.30	477	9,681	2431088	2.002	.977	.023
1183	18.69	1,049	19,606	10855035	3.119	.999	.001	26.07	752	19,606	7907333	3.450	1.000	0
1184	167.35	48	8,033	175792	-1.058	.145	.145	334.71	24	8,033	79504	-1.487	.069	.069
1185	29.81	287	8,556	1222825	-.119	.453	.453	41.33	207	8,556	888757	.090	.536	.464
1186	17.99	335	6,027	1038258	.902	.817	.183	25.98	232	6,027	707935	.332	.630	.370
1187	14.55	789	11,476	4617499	.970	.834	.166	20.03	573	11,476	3349278	.774	.781	.219
1188	125.08	80	10,006	420734	.793	.786	.214	185.30	54	10,006	284238	.663	.746	.254
1189	34.46	556	19,158	5560050	1.795	.964	.036	51.50	372	19,158	3836609	2.561	.995	.005
1190	18.96	1,006	19,072	9749032	.892	.814	.186	27.44	695	19,072	6700593	.504	.693	.307
1191	65.82	11	724	3152	-1.197	.116	.116	120.67	6	724	1244	-1.813	.035	.035
1192	34.31	189	6,484	640714	1.087	.861	.139	58.41	111	6,484	353947	-.300	.382	.382

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1193	21.82	350	7,637	1328263	-0.199	.421	.421	33.79	226	7,637	854958	-0.242	.404	.404
1194	20.57	405	8,332	1697858	.220	.587	.413	28.83	289	8,332	1265362	1.501	.933	.067
1195	16.47	135	2,224	154925	.644	.740	.260	23.66	94	2,224	100194	-.696	.243	.243
1196	18.05	356	6,424	1154358	.311	.622	.378	26.55	242	6,424	777781	.017	.507	.493
1197	23.99	826	19,815	8529806	2.106	.982	.018	35.07	565	19,815	5750694	1.125	.870	.130
1198	37.35	243	9,076	1207247	2.559	.995	.005	55.68	163	9,076	821213	2.437	.993	.007
1199	60.00	6	360	1256	.691	.755	.245	72.00	5	360	904	.017	.507	.493
1200	34.18	421	14,391	3082424	.623	.733	.267	48.13	299	14,391	2218783	.937	.826	.174
1201	58.09	33	1,917	32761	.356	.639	.361	91.29	21	1,917	22856	1.076	.859	.141
1202	51.19	379	19,400	3869230	1.770	.962	.038	84.72	229	19,400	2326329	1.239	.892	.108
1203	39.43	398	15,694	2822862	-3.322	0	0	64.85	242	15,694	1687109	-3.006	.001	.001
1204	44.61	347	15,481	2912047	2.716	.997	.003	73.72	210	15,481	1868892	3.758	1.000	0
1205	17.02	381	6,485	1271837	.997	.841	.159	23.16	280	6,485	955354	1.515	.935	.065
1206	19.76	536	10,592	2792980	-.645	.259	.259	27.16	390	10,592	2012775	-.872	.192	.192
1207	19.08	320	6,104	948645	-.888	.187	.187	27.13	225	6,104	685419	-.049	.481	.481
1208	53.15	367	19,506	3681876	.950	.829	.171	84.08	232	19,506	2358161	1.113	.867	.133
1209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1210	25.23	147	3,709	256766	-1.221	.111	.111	35.66	104	3,709	178994	-1.271	.102	.102
1211	37.72	744	28,061	10571473	.601	.726	.274	54.91	511	28,061	7360273	1.041	.851	.149
1212	40.82	236	9,634	1166503	.695	.756	.244	56.01	172	9,634	859471	.849	.802	.198
1213	34.87	157	5,474	423763	-.300	.382	.382	48.88	112	5,474	330420	1.428	.923	.077
1214	32.91	22	724	7574	-.398	.345	.345	45.25	16	724	5790	-.002	.499	.499
1215	88.01	97	8,537	342437	-2.950	.002	.002	131.34	65	8,537	240703	-1.850	.032	.032
1216	76.93	328	25,234	3935717	-1.536	.062	.062	135.67	186	25,234	2097835	-2.506	.006	.006
1217	23.45	560	13,130	3738903	.697	.757	.243	32.10	409	13,130	2749923	.846	.801	.199
1218	20.69	158	3,269	256952	-.110	.456	.456	26.80	122	3,269	197563	-.177	.430	.430
1219	22.99	854	19,632	8818311	2.629	.996	.004	33.05	594	19,632	6292602	3.344	1.000	0
1220	108.36	193	20,914	2048269	.359	.640	.360	193.65	108	20,914	1185527	.895	.815	.185
1221	36.73	160	5,877	474513	.203	.580	.420	54.93	107	5,877	307851	-.374	.354	.354
1222	114.50	2	229	39	-2.032	.021	.021	--	--	--	--	--	--	--
1223	25.59	214	5,476	603556	.762	.777	.223	34.88	157	5,476	436595	.340	.633	.367
1224	26.03	76	1,978	73212	-.392	.348	.348	36.63	54	1,978	57346	.939	.826	.174
1225	24.99	106	2,649	143314	.371	.645	.356	33.11	80	2,649	105352	-.089	.465	.465
1226	53.03	413	21,901	4241707	-2.186	.014	.014	83.27	263	21,901	2671935	-2.029	.021	.021
1227	28.52	219	6,246	685982	.077	.531	.469	38.80	161	6,246	510304	.328	.629	.371
1228	31.50	796	25,070	9987253	.046	.518	.482	45.42	552	25,070	6982856	.374	.646	.354
1229	23.32	633	14,762	4746346	.692	.755	.245	32.09	460	14,762	3487761	1.012	.844	.156
1230	24.09	596	14,360	4310172	.305	.620	.380	33.55	428	14,360	3148045	.875	.809	.191
1231	21.64	36	779	15102	.800	.788	.212	29.96	26	779	10832	.615	.731	.269
1232	23.21	42	975	23265	1.530	.937	.063	29.55	33	975	18736	1.638	.949	.051
1233	29.74	179	5,323	496072	.957	.831	.169	42.93	124	5,323	364121	1.993	.977	.023
1234	31.18	358	11,164	2132733	2.204	.986	.014	46.52	240	11,164	1369336	.594	.724	.276
1235	28.55	145	4,140	315745	1.084	.861	.139	40.19	103	4,140	221730	.702	.759	.241
1236	26.07	85	2,216	86253	-1.344	.089	.089	36.33	61	2,216	62828	-.953	.170	.170
1237	21.87	601	13,142	4050772	1.092	.863	.137	30.71	428	13,142	2796161	-.207	.418	.418
1238	25.84	986	25,474	12791528	1.008	.843	.157	38.54	661	25,474	8433908	.078	.531	.469
1239	23.40	643	15,049	4873781	.323	.626	.374	34.60	435	15,049	3277055	.043	.517	.483
1240	50.73	37	1,877	29119	-1.701	.045	.045	93.85	20	1,877	15563	-1.324	.093	.093
1241	20.17	896	18,072	8253585	1.008	.843	.157	28.42	636	18,072	5914330	1.273	.898	.102
1242	26.68	28	747	11895	1.259	.896	.104	35.57	21	747	8738	.905	.817	.183
1243	15.92	1,106	17,604	10023323	1.706	.956	.044	22.12	796	17,604	7176527	1.187	.882	.118
1244	20.29	944	19,152	9214290	1.028	.848	.152	28.25	678	19,152	6561616	.480	.684	.316

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1245	40.42	469	18,958	4652097	1.742	.959	.041	61.95	306	18,958	3086632	1.944	.974	.026
1246	64.22	36	2,312	39364	-.562	.287	.287	77.07	30	2,312	32466	-.606	.272	.272
1247	38.34	396	15,182	3055202	.564	.713	.287	60.01	253	15,182	1966440	.659	.745	.255
1248	8.71	7	61	206	-.161	.436	.436	10.17	6	61	193	.232	.592	.408
1249	27.21	453	12,327	2928168	1.797	.964	.036	42.51	290	12,327	1895133	1.778	.962	.038
1250	22.19	1,661	36,857	31248556	1.473	.930	.070	32.25	1,143	36,857	21332682	.748	.773	.227
1251	44.32	25	1,108	11675	-1.360	.087	.087	61.56	18	1,108	7864	-1.553	.060	.060
1252	25.26	1,404	35,470	25532251	1.648	.950	.050	37.94	935	35,470	17254163	2.146	.984	.016
1253	20.11	222	4,465	503163	.393	.653	.347	26.42	169	4,465	360798	-.984	.163	.163
1254	18.24	25	456	5796	.146	.558	.442	19.00	24	456	5757	.442	.671	.329
1255	24.87	540	13,428	3506521	-1.322	.093	.093	34.08	394	13,428	2544266	-1.313	.095	.095
1256	37.29	549	20,473	5709544	.648	.741	.259	57.83	354	20,473	3904076	2.521	.994	.006
1257	42.45	460	19,529	4758703	2.209	.986	.014	59.36	329	19,529	3434156	2.168	.985	.015
1258	21.12	172	3,633	323041	.771	.780	.220	30.28	120	3,633	226682	.757	.776	.224
1259	229.00	1	229	228	1.717	.957	.043	229.00	1	229	228	1.717	.957	.043
1260	20.36	1,070	21,784	12170025	2.507	.994	.006	28.82	756	21,784	8762476	3.054	.999	.001
1261	38.04	215	8,179	879861	.018	.507	.493	56.02	146	8,179	607088	.351	.637	.363
1262	27.48	42	1,154	23923	-.144	.443	.443	44.39	26	1,154	13707	-.762	.223	.223
1263	12.29	42	516	10910	.077	.531	.469	15.64	33	516	8424	-.105	.458	.458
1264	40.74	38	1,548	30151	.268	.606	.394	81.47	19	1,548	14286	-.216	.415	.415
1265	17.36	199	3,454	372397	2.042	.979	.021	23.66	146	3,454	272643	1.702	.956	.044
1266	24.35	782	19,044	7581193	.878	.810	.190	36.14	527	19,044	5072154	.428	.666	.334
1267	30.23	446	13,484	3014479	.092	.537	.463	45.25	298	13,484	1981873	-.405	.343	.343
1268	31.72	541	17,161	4566602	-.655	.256	.256	43.89	391	17,161	3269748	-.870	.192	.192
1269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1270	34.17	64	2,187	67773	-.438	.331	.331	49.71	44	2,187	48154	.010	.504	.496
1271	30.47	1,151	35,073	19872285	-.909	.182	.182	45.14	777	35,073	13161745	-1.645	.050	.050
1272	33.82	118	3,991	232558	-.233	.408	.408	49.27	81	3,991	169824	.790	.785	.215
1273	29.41	324	9,529	1563768	.405	.657	.343	42.35	225	9,529	1074790	.067	.527	.473
1274	15.90	387	6,153	1227049	1.043	.851	.149	21.98	280	6,153	897155	1.202	.885	.115
1275	14.84	243	3,606	456806	1.151	.875	.125	19.92	181	3,606	347439	1.506	.934	.066
1276	20.55	269	5,527	756832	.514	.696	.304	27.50	201	5,527	545502	-.440	.330	.330
1277	15.42	166	2,560	214498	.212	.584	.416	17.53	146	2,560	199537	1.417	.922	.078
1278	19.22	1,508	28,977	21626925	-.683	.247	.247	27.81	1,042	28,977	15279515	.676	.750	.250
1279	62.54	24	1,501	13056	-2.335	.010	.010	75.05	20	1,501	9721	-2.729	.003	.003
1280	38.98	138	5,379	427031	3.063	.999	.001	56.62	95	5,379	281374	1.709	.956	.044
1281	21.54	288	6,203	884892	-.274	.392	.392	30.86	201	6,203	623404	0	.500	.500
1282	49.00	5	245	891	1.761	.961	.039	122.50	2	245	409	1.640	.949	.051
1283	30.42	172	5,233	492673	2.152	.984	.016	43.98	119	5,233	373399	3.765	1.000	0
1284	16.53	591	9,769	2983915	1.417	.922	.078	21.86	447	9,769	2282486	1.662	.952	.048
1285	88.10	239	21,056	2446490	-.742	.229	.229	135.85	155	21,056	1569786	-.820	.206	.206
1286	17.68	1,035	18,295	9529412	.363	.642	.358	24.33	752	18,295	6803569	-.520	.301	.301
1287	46.72	128	5,980	364138	-.951	.171	.171	62.29	96	5,980	273455	-.803	.211	.211
1288	35.23	342	12,048	1936994	-1.916	.028	.028	52.84	228	12,048	1363878	-.183	.427	.427
1289	35.47	391	13,868	2744909	.426	.665	.335	50.80	273	13,868	1975475	1.247	.894	.106
1290	39.72	36	1,430	27977	.903	.817	.183	59.58	24	1,430	19900	1.355	.912	.088
1291	29.66	41	1,216	25170	.108	.543	.457	43.43	28	1,216	16778	-.132	.447	.447
1292	18.80	1,046	19,665	10597381	1.703	.956	.044	27.01	728	19,665	7292171	.876	.809	.191
1293	27.71	615	17,041	5256567	.135	.554	.446	39.82	428	17,041	3662560	.155	.562	.438
1294	32.01	158	5,058	378815	-1.132	.129	.129	45.16	112	5,058	265261	-1.164	.122	.122
1295	19.33	33	638	13818	3.111	.999	.001	27.74	23	638	9895	2.896	.998	.002
1296	14.05	303	4,257	648959	.188	.575	.425	19.18	222	4,257	478106	.305	.620	.380

Table 5. Summary of interoccurrence intervals for daily precipitation thresholds of 0.75 and 1.0 inch—Continued

Seq. no.	Daily precipitation threshold of 0.75 inch and greater							Daily precipitation threshold of 1.0 inch and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
1297	32.25	84	2,709	103760	-1.398	.081	.081	41.68	65	2,709	81499	-1.038	.150	.150
1298	23.57	63	1,485	43281	-1.028	.152	.152	33.75	44	1,485	30691	-.696	.243	.243
1299	15.82	613	9,696	3090327	1.710	.956	.044	23.03	421	9,696	2160608	2.083	.981	.019
1300	26.00	7	182	897	1.870	.969	.031	60.67	3	182	477	2.242	.988	.012
1301	23.18	1,199	27,787	17035794	1.359	.913	.087	31.72	876	27,787	12594492	1.785	.963	.037
1302	26.07	717	18,695	6938528	1.636	.949	.051	37.09	504	18,695	4800181	.735	.769	.231
1303	17.12	17	291	2289	-.533	.297	.297	20.79	14	291	1806	-.735	.231	.231
1304	24.11	151	3,640	278253	.266	.605	.395	35.00	104	3,640	198098	.823	.795	.205
1305	165.37	137	22,655	1624674	.951	.829	.171	359.60	63	22,655	776214	1.206	.886	.114
1306	46.21	324	14,972	2416316	-.118	.453	.453	66.54	225	14,972	1668647	-.242	.404	.404

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches

[--, not available, no events that equal or exceed the threshold were observed]

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1	216.82	90	19,514	792213	-1.608	.054	.054	464.62	42	19,514	424095	0.392	.652	.348
2	120.00	2	240	197	-.439	.330	.330	--	--	--	--	--	--	--
3	135.07	146	19,720	1429563	-.145	.442	.442	318.07	62	19,720	585942	-.566	.286	.286
4	115.29	73	8,416	266028	-1.983	.024	.024	179.06	47	8,416	183840	-.837	.201	.201
5	191.85	99	18,993	1010585	1.291	.902	.098	345.33	55	18,993	574560	1.285	.901	.099
6	135.46	26	3,522	44689	-.212	.416	.416	220.13	16	3,522	32131	.973	.835	.165
7	81.82	101	8,264	375112	-1.761	.039	.039	165.28	50	8,264	165644	-2.428	.008	.008
8	208.29	7	1,458	5869	.688	.754	.246	729.00	2	1,458	1566	.181	.572	.428
9	144.65	20	2,893	26812	-.567	.285	.285	289.30	10	2,893	13466	-.378	.353	.353
10	214.00	1	214	92	-.243	.404	.404	214.00	1	214	92	-.243	.404	.404
11	91.34	67	6,120	197715	-.505	.307	.307	136.00	45	6,120	135097	-.220	.413	.413
12	99.39	358	35,581	6726653	1.840	.967	.033	193.38	184	35,581	3349281	.544	.707	.293
13	84.77	177	15,005	1365025	.644	.740	.260	180.78	83	15,005	637951	.386	.650	.350
14	97.61	307	29,966	4626092	.174	.569	.431	161.98	185	29,966	2824996	.452	.674	.326
15	142.42	12	1,709	11744	.872	.808	.192	189.89	9	1,709	9399	1.154	.876	.124
16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	305.99	90	27,539	1286438	.626	.734	.266	764.97	36	27,539	576286	1.689	.954	.046
19	52.43	367	19,240	3819007	2.711	.997	.003	95.25	202	19,240	2033011	1.137	.872	.128
20	57.76	106	6,122	309431	-.826	.204	.204	103.76	59	6,122	179499	-.081	.468	.468
21	71.34	74	5,279	179532	-1.205	.114	.114	128.76	41	5,279	98177	-1.029	.152	.152
22	46.18	748	34,541	12991495	.268	.606	.394	75.75	456	34,541	7716839	-.744	.228	.228
23	59.35	20	1,187	11844	-.017	.493	.493	148.38	8	1,187	4958	.217	.586	.414
24	194.98	101	19,693	884153	-1.931	.027	.027	468.88	42	19,693	387482	-.708	.240	.240
25	143.29	96	13,756	570877	-2.298	.011	.011	264.54	52	13,756	300194	-2.007	.022	.022
26	39.62	785	31,099	12296383	.358	.640	.360	66.17	470	31,099	7474794	.856	.804	.196
27	49.61	419	20,787	4244664	-.897	.185	.185	88.08	236	20,787	2301509	-1.642	.050	.050
28	86.49	139	12,022	859757	.592	.723	.277	166.97	72	12,022	446181	.455	.675	.325
29	233.59	68	15,884	492487	-1.258	.104	.104	512.39	31	15,884	182711	-2.487	.006	.006
30	39.10	809	31,631	13831485	3.992	1.000	0	65.49	483	31,631	8470977	4.146	1.000	0
31	60.84	298	18,129	2903316	2.237	.987	.013	107.91	168	18,129	1643022	1.772	.962	.038
32	104.05	160	16,648	1293183	-.636	.262	.262	198.19	84	16,648	677086	-.502	.308	.308
33	87.15	266	23,183	3217226	1.227	.890	.110	183.99	126	23,183	1511678	.681	.752	.248
34	78.74	46	3,622	77235	-.856	.196	.196	164.64	22	3,622	42501	.542	.706	.294
35	68.61	150	10,292	840037	1.873	.969	.031	113.10	91	10,292	505010	1.296	.902	.098
36	51.07	217	11,081	1146377	-1.187	.118	.118	81.48	136	11,081	755338	.049	.520	.480
37	65.34	167	10,911	944793	.829	.796	.204	106.97	102	10,911	584847	.892	.814	.186
38	91.84	244	22,410	2762838	.285	.612	.388	176.46	127	22,410	1416904	-.084	.466	.466
39	61.43	318	19,535	3245017	1.382	.916	.084	135.66	144	19,535	1582865	2.606	.995	.005
40	81.09	128	10,379	697898	.993	.839	.161	152.63	68	10,379	357175	.174	.569	.431
41	54.36	456	24,787	5752843	.664	.747	.254	105.93	234	24,787	2996780	.884	.811	.189
42	67.64	11	744	3770	-.452	.326	.326	93.00	8	744	2434	-.892	.186	.186
43	127.82	251	32,082	3902049	-.847	.199	.199	286.45	112	32,082	1724842	-.732	.232	.232
44	52.98	371	19,656	3807606	1.477	.930	.070	102.38	192	19,656	1972998	1.094	.863	.137
45	47.37	400	18,947	4075934	2.619	.996	.004	83.84	226	18,947	2282998	1.727	.958	.042
46	76.04	340	25,853	4437882	.312	.622	.378	146.89	176	25,853	2187903	-.880	.189	.189
47	79.54	80	6,363	291554	2.254	.988	.012	159.08	40	6,363	147952	1.781	.963	.037
48	72.41	78	5,648	251106	2.141	.984	.016	131.35	43	5,648	134130	1.188	.882	.118

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
49	43.14	7	302	1187	.564	.713	.287	100.67	3	302	770	2.099	.982	.018
50	101.67	9	915	4872	.952	.829	.171	130.71	7	915	3358	.223	.588	.412
51	69.03	264	18,223	2453903	.567	.715	.285	127.43	143	18,223	1315188	.195	.577	.423
52	61.26	214	13,109	1359432	-.781	.218	.218	116.01	113	13,109	730693	-.248	.402	.402
53	38.25	8	306	1448	.897	.815	.185	61.20	5	306	1166	2.030	.979	.021
54	29.00	3	87	96	-.793	.214	.214	43.50	2	87	61	-.732	.232	.232
55	87.30	113	9,865	582592	.833	.798	.202	170.09	58	9,865	308843	1.049	.853	.147
56	149.06	16	2,385	14434	-1.687	.046	.046	298.13	8	2,385	5168	-2.245	.012	.012
57	264.58	74	19,579	831124	2.195	.986	.014	652.63	30	19,579	304705	.356	.639	.361
58	101.33	6	608	978	-1.968	.025	.025	152.00	4	608	483	-2.088	.018	.018
59	130.78	277	36,226	5043182	.149	.559	.441	283.02	128	36,226	2445721	1.076	.859	.141
60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
61	306.21	91	27,865	1283805	.208	.582	.418	714.49	39	27,865	605650	1.240	.892	.108
62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
63	226.56	9	2,039	9024	-.086	.466	.466	339.83	6	2,039	4789	-.921	.179	.179
64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
65	73.49	101	7,422	391097	.756	.775	.225	134.95	55	7,422	223773	1.238	.892	.108
66	63.08	37	2,334	40624	-.623	.267	.267	106.09	22	2,334	21496	-1.322	.093	.093
67	66.04	202	13,340	1359022	.213	.585	.415	123.52	108	13,340	754510	.853	.803	.197
68	201.42	26	5,237	69366	.167	.566	.434	654.63	8	5,237	21574	.146	.558	.442
69	351.21	14	4,917	35508	.205	.581	.419	1639.00	3	4,917	8379	.408	.658	.342
70	69.07	15	1,036	11295	3.043	.999	.001	148.00	7	1,036	5263	2.069	.981	.019
71	95.25	8	762	4072	1.646	.950	.050	381.00	2	762	1012	.804	.789	.211
72	111.95	39	4,366	89271	.525	.700	.300	242.56	18	4,366	34656	-.867	.193	.193
73	84.48	148	12,503	951567	.600	.726	.274	148.85	84	12,503	568960	1.325	.907	.093
74	63.58	19	1,208	13860	1.568	.942	.058	80.53	15	1,208	10262	.890	.813	.187
75	46.41	505	23,435	6447518	3.487	1.000	0	78.64	298	23,435	3907084	3.556	1.000	0
76	128.22	9	1,154	5488	.295	.616	.384	230.80	5	1,154	3600	.960	.831	.169
77	38.63	410	15,838	3359253	1.215	.888	.112	68.56	231	15,838	1936535	1.543	.939	.061
78	90.50	8	724	2383	-.868	.193	.193	120.67	6	724	1352	-1.602	.055	.055
79	83.29	7	583	2755	1.605	.946	.054	116.60	5	583	2023	1.503	.934	.066
80	39.34	905	35,599	16377478	.870	.808	.192	70.91	502	35,599	9010886	.328	.629	.371
81	40.48	349	14,126	2638406	2.276	.989	.011	70.99	199	14,126	1514357	1.892	.971	.029
82	45.58	278	12,671	1814451	.872	.808	.192	79.69	159	12,671	1030440	.501	.692	.308
83	79.58	448	35,650	8424492	2.015	.978	.022	143.75	248	35,650	4553909	.823	.795	.205
84	53.51	146	7,812	543873	-.969	.166	.166	95.27	82	7,812	300943	-.948	.172	.172
85	55.17	30	1,655	27894	1.173	.880	.120	91.94	18	1,655	14930	.017	.507	.493
86	76.47	189	14,452	1411273	.794	.786	.214	145.98	99	14,452	775461	1.448	.926	.074
87	101.08	12	1,213	6996	-.233	.408	.408	134.78	9	1,213	5623	.157	.562	.438
88	82.92	155	12,853	1044511	1.048	.853	.147	158.68	81	12,853	548622	.841	.800	.200
89	81.49	234	19,069	2384582	1.823	.966	.034	168.75	113	19,069	1149124	1.226	.890	.110
90	103.10	62	6,392	214051	1.094	.863	.137	188.00	34	6,392	112756	.380	.648	.352
91	130.64	95	12,411	573741	-.452	.326	.326	253.29	49	12,411	255429	-1.940	.026	.026
92	75.06	165	12,385	1026611	.106	.542	.458	137.61	90	12,385	540775	-.488	.313	.313
93	34.26	62	2,124	67578	0.359	.640	.360	60.69	35	2,124	35433	-0.479	.316	.316
94	609.00	4	2,436	3981	-.634	.263	.263	2436.00	1	2,436	478	-1.052	.146	.146
95	94.00	11	1,034	4879	-.816	.207	.207	258.50	4	1,034	1316	-1.260	.104	.104
96	155.07	89	13,801	571154	-1.144	.126	.126	373.00	37	13,801	256011	.029	.511	.489

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
97	376.33	3	1,129	1299	-.699	.242	.242	564.50	2	1,129	952	-.384	.350	.350
98	149.95	127	19,044	1294319	1.372	.915	.085	317.40	60	19,044	625279	1.267	.897	.103
99	114.00	1	114	98	1.246	.894	.106	114.00	1	114	98	1.246	.894	.106
100	110.78	258	28,580	4065934	2.861	.998	.002	194.42	147	28,580	2287340	1.867	.969	.031
101	92.11	100	9,211	437782	-.856	.196	.196	187.98	49	9,211	228392	.146	.558	.442
102	49.44	16	791	7242	1.001	.841	.159	79.10	10	791	4554	.830	.797	.203
103	79.17	473	37,448	9364361	2.160	.985	.015	158.68	236	37,448	4872472	2.731	.997	.003
104	96.55	65	6,276	232255	1.937	.974	.026	224.14	28	6,276	103605	1.642	.950	.050
105	89.10	115	10,246	575078	-.444	.329	.329	150.68	68	10,246	354177	.238	.594	.406
106	274.00	13	3,562	14491	-2.336	.010	.010	712.40	5	3,562	5975	-1.274	.101	.101
107	63.99	117	7,487	460420	.960	.831	.169	133.70	56	7,487	195378	-.882	.189	.189
108	68.90	542	37,342	10176170	.225	.589	.411	124.47	300	37,342	5546614	-.293	.385	.385
109	36.21	398	14,412	2957601	1.080	.860	.140	67.66	213	14,412	1534407	-.008	.497	.497
110	53.24	652	34,710	12065743	2.933	.998	.002	102.69	338	34710	6155040	1.569	.942	.058
111	73.77	17	1,254	9801	-.575	.283	.283	125.40	10	1,254	4530	-1.520	.064	.064
112	192.90	119	22,955	1346782	-.263	.396	.396	425.09	54	22,955	625039	.108	.543	.457
113	218.64	11	2,405	10070	-1.371	.085	.085	267.22	9	2,405	7511	-1.590	.056	.056
114	154.31	13	2,006	13873	.399	.655	.345	334.33	6	2,006	7881	1.313	.905	.095
115	860.10	21	18,062	208999	.810	.791	.209	3612.40	5	18,062	35245	-.850	.198	.198
116	207.32	28	5,805	86243	.561	.712	.288	580.50	10	5,805	25446	-.675	.250	.250
117	198.08	97	19,214	941644	.179	.571	.429	457.48	42	19,214	402568	-.026	.490	.490
118	144.43	7	1,011	3811	.353	.638	.362	505.50	2	1,011	1133	.296	.616	.384
119	83.85	329	27,586	4662511	.863	.806	.194	160.38	172	27,586	2403847	.301	.618	.382
120	44.70	429	19,175	4214370	.884	.812	.188	84.47	227	19,175	2219862	.522	.699	.301
121	71.16	258	18,359	2766617	4.679	1.000	0	130.21	141	18,359	1530989	3.761	1.000	0
122	157.15	55	8,643	248741	.598	.725	.275	308.68	28	8,643	129569	.649	.742	.258
123	105.21	328	34,510	5719266	.331	.630	.371	176.97	195	34,510	3475913	.799	.788	.212
124	87.79	86	7,550	321709	-.146	.442	.442	125.83	60	7,550	220208	-.373	.355	.355
125	121.06	196	23,727	2460249	1.408	.920	.080	244.61	97	23,727	1244998	1.397	.919	.081
126	57.44	63	3,619	105090	-1.074	.141	.141	109.67	33	3,619	65655	.990	.839	.161
127	210.71	92	19,385	880485	-.209	.417	.417	523.92	37	19,385	347693	-.321	.374	.374
128	44.07	247	10,885	1316941	-.554	.290	.290	77.20	141	10,885	782592	.407	.658	.342
129	89.25	220	19,634	2242216	.981	.837	.163	173.75	113	19,634	1097961	-.189	.425	.425
130	104.56	252	26,350	3402515	.683	.752	.248	215.98	122	26,350	1652488	.537	.704	.296
131	95.13	8	761	2369	-1.086	.139	.139	152.20	5	761	1579	-.659	.255	.255
132	66.23	212	14,041	1526447	.646	.741	.259	126.50	111	14,041	790702	.268	.606	.394
133	56.02	648	36,302	11829598	.254	.600	.400	106.46	341	36,302	6441003	1.300	.903	.097
134	109.27	11	1,202	3323	-2.857	.002	.002	300.50	4	1,202	1103	-1.875	.030	.030
135	121.60	10	1,216	6372	.263	.604	.396	304.00	4	1,216	2302	-.185	.426	.426
136	83.16	373	31,019	6051385	1.540	.938	.062	159.07	195	31,019	3076307	.416	.661	.339
137	75.15	47	3,532	90765	1.111	.867	.133	235.47	15	3,532	27701	.307	.620	.380
138	84.03	91	7,647	412793	3.080	.999	.001	129.61	59	7,647	268256	2.517	.994	.006
139	--	--	--	--	--	--	--	--	--	--	--	--	--	--
140	64.50	20	1,290	13472	.344	.634	.366	143.33	9	1,290	6197	.351	.637	.363
141	47.85	223	10,670	1141068	-1.057	.145	.145	95.27	112	10,670	552467	-1.382	.084	.084
142	39.74	202	8,028	861541	1.540	.938	.062	75.03	107	8,028	462483	1.376	.916	.084
143	43.72	411	17,968	3681383	-.105	.458	.458	84.36	213	17,968	1840908	-.960	.169	.169
144	167.90	82	13,768	531733	-.910	.181	.181	312.91	44	13,768	286814	-.610	.271	.271

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
145	172.97	101	17,470	884271	.040	.516	.484	356.53	49	17,470	446322	.519	.698	.302
146	101.92	278	28,335	4033791	.698	.757	.243	168.66	168	28,335	2566251	1.755	.960	.040
147	93.42	208	19,432	2306508	3.530	1.000	0	168.97	115	19,432	1244734	2.118	.983	.017
148	253.40	5	1,267	3291	.151	.560	.440	316.75	4	1,267	2764	.314	.623	.377
149	35.67	6	214	832	1.256	.895	.105	71.33	3	214	498	1.654	.951	.049
150	96.33	12	1,156	6196	-.640	.261	.261	192.67	6	1,156	3459	-.011	.496	.496
151	104.73	67	7,017	221196	-.837	.201	.201	212.64	33	7,017	117640	.160	.564	.436
152	416.11	19	7,906	74062	-.105	.458	.458	878.44	9	7,906	30212	-.784	.217	.217
153	53.45	271	14,486	2115933	2.224	.987	.013	94.07	154	14,486	1226952	2.149	.984	.016
154	209.51	51	10,685	230446	-1.908	.028	.028	508.81	21	10,685	75291	-2.611	.005	.005
155	69.78	316	22,051	3611690	1.128	.870	.130	118.55	186	22,051	2194560	1.657	.951	.049
156	358.76	41	14,709	266258	-1.298	.097	.097	668.59	22	14,709	140790	-1.055	.146	.146
157	--	--	--	--	--	--	--	--	--	--	--	--	--	--
158	107.21	19	2,037	16367	-1.164	.122	.122	226.33	9	2,037	9122	-.025	.490	.490
159	83.79	210	17,595	1860284	.174	.569	.431	162.92	108	17,595	937839	-.233	.408	.408
160	74.76	80	5,981	243381	.268	.606	.394	115.02	52	5,981	149917	-.449	.327	.327
161	82.72	163	13,484	1134662	.719	.764	.236	175.12	77	13,484	516833	-.067	.473	.473
162	79.19	124	9,819	655636	1.485	.931	.069	138.30	71	9,819	397825	2.062	.980	.020
163	85.42	403	34,426	7216573	1.402	.920	.080	162.39	212	34,426	3639893	-.064	.474	.474
164	86.33	6	518	1846	.797	.787	.213	172.67	3	518	1149	1.436	.925	.075
165	237.00	5	1,185	1939	-1.338	.090	.090	592.50	2	1,185	1388	.420	.663	.337
166	84.41	75	6,331	245640	.520	.698	.302	143.89	44	6,331	138682	-.050	.480	.480
167	172.43	7	1,207	3248	-1.059	.145	.145	603.50	2	1,207	1329	.248	.598	.402
168	60.24	234	14,097	1631326	-.290	.386	.386	120.49	117	14,097	824113	-.013	.495	.495
169	50.67	24	1,216	14081	-.297	.383	.383	93.54	13	1,216	8938	.817	.793	.207
170	132.26	46	6,084	151774	.994	.840	.160	304.20	20	6,084	70566	1.238	.892	.108
171	111.26	74	8,233	299377	-.257	.399	.399	216.66	38	8,233	148426	-.546	.293	.293
172	70.01	469	32,834	7681410	-.089	.465	.465	152.72	215	32,834	3561249	.227	.590	.410
173	94.19	21	1,978	22151	.528	.701	.299	164.83	12	1,978	14069	1.113	.867	.133
174	137.33	45	6,180	148485	.788	.785	.215	280.91	22	6,180	76544	1.024	.847	.153
175	57.88	24	1,389	19166	1.272	.898	.102	77.17	18	1,389	13519	.598	.725	.275
176	89.50	224	20,049	2381594	1.571	.942	.058	151.89	132	20,049	1433382	1.657	.951	.049
177	153.71	209	32,125	3233006	-.925	.177	.177	356.94	90	32,125	1409876	-.406	.342	.342
178	82.75	4	331	604	-.304	.381	.381	331.00	1	331	214	.508	.694	.306
179	512.11	38	19,460	441776	2.080	.981	.019	1946.00	10	19,460	130513	1.870	.969	.031
180	49.92	334	16,672	2861321	.877	.810	.190	91.10	183	16,672	1653730	1.970	.976	.024
181	196.10	144	28,238	2012657	-.209	.417	.417	397.72	71	28,238	989506	-.188	.425	.425
182	72.56	192	13,932	1336052	-.026	.490	.490	131.43	106	13,932	726243	-.294	.385	.385
183	66.69	29	1,934	34301	2.082	.981	.019	107.44	18	1,934	18201	.336	.631	.369
184	39.32	22	865	10283	.656	.744	.256	54.06	16	865	6280	-.641	.261	.261
185	314.86	7	2,204	7057	-.390	.348	.348	1102.00	2	2,204	2092	-.125	.450	.450
186	78.79	29	2,285	30996	-.602	.274	.274	142.81	16	2,285	19678	.530	.702	.298
187	--	--	--	--	--	--	--	--	--	--	--	--	--	--
188	99.46	149	14,820	1151185	.902	.816	.184	208.73	71	14,820	571104	1.248	.894	.106
189	119.53	221	26,415	2811276	-0.949	.171	.171	220.13	120	26,415	1406427	-2.137	.016	.016
190	62.41	303	18,911	2998027	1.400	.919	.081	116.02	163	18,911	1675817	1.931	.973	.027
191	107.72	119	12,819	816950	1.343	.910	.090	210.15	61	12,819	378287	-.439	.330	.330
192	46.02	395	18,176	3977036	3.714	1.000	0	83.38	218	18,176	2182206	2.595	.995	.005

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
193	196.19	62	12,164	460696	3.024	.999	.001	380.13	32	12,164	250645	2.820	.998	.002
194	88.07	73	6,429	227554	-.448	.327	.327	149.51	43	6,429	132158	-.498	.309	.309
195	729.69	13	9,486	43982	-1.790	.037	.037	3162.00	3	9,486	6958	-1.533	.063	.063
196	112.50	128	14,400	924235	.056	.522	.478	202.82	71	14,400	526458	.436	.668	.332
197	68.60	118	8,095	521134	1.715	.957	.043	132.71	61	8,095	278016	1.705	.956	.044
198	63.97	198	12,665	1334641	1.571	.942	.058	118.36	107	12,665	725172	1.259	.896	.104
199	41.81	546	22,827	6309060	.502	.692	.308	76.86	297	22,827	3423393	.296	.616	.384
200	93.52	151	14,121	1036128	-.599	.275	.275	172.21	82	14,121	540614	-1.039	.150	.150
201	55.54	413	22,939	4793769	.423	.664	.336	114.70	200	22,939	2381189	.932	.824	.176
202	97.20	5	486	1753	1.715	.957	.043	486.00	1	486	383	.998	.841	.159
203	82.88	170	14,090	1242751	.850	.802	.198	151.51	93	14,090	689784	.882	.811	.189
204	34.70	40	1,388	26644	-.440	.330	.330	51.41	27	1,388	16387	-1.129	.129	.129
205	192.00	2	384	333	-.325	.372	.372	384.00	1	384	170	-.199	.421	.421
206	243.75	12	2,925	16602	-.324	.373	.373	585.00	5	2,925	3731	-1.897	.029	.029
207	103.20	5	516	1054	-.709	.239	.239	516.00	1	516	446	1.262	.897	.104
208	161.55	51	8,239	263064	3.119	.999	.001	411.95	20	8,239	113836	2.956	.998	.002
209	69.51	220	15,291	1733555	.787	.784	.216	119.46	128	15,291	1023950	.908	.818	.182
210	116.00	37	4,292	93154	1.825	.966	.034	252.47	17	4,292	51140	2.869	.998	.002
211	113.33	18	2,040	16342	-.808	.210	.210	291.43	7	2,040	6231	-.583	.280	.280
212	94.93	151	14,334	1092873	.210	.583	.417	174.81	82	14,334	567247	-.546	.293	.293
213	58.76	54	3,173	91861	.920	.821	.179	105.77	30	3,173	49067	.293	.615	.385
214	105.64	11	1,162	5146	-1.119	.132	.132	581.00	2	1,162	1294	.278	.610	.390
215	133.50	6	801	2557	.272	.607	.393	200.25	4	801	1444	-.342	.366	.366
216	168.56	9	1,517	8134	.995	.840	.160	379.25	4	1,517	3399	.417	.662	.338
217	114.76	132	15,148	930418	-1.380	.084	.084	201.97	75	15,148	545722	-.590	.278	.278
218	179.58	103	18,497	1010286	1.065	.856	.144	330.30	56	18,497	575818	1.449	.926	.074
219	--	--	--	--	--	--	--	--	--	--	--	--	--	--
220	119.52	205	24,501	2325259	-1.838	.033	.033	237.87	103	24,501	1149374	-1.566	.059	.059
221	32.76	144	4,717	357775	1.111	.867	.133	56.83	83	4,717	193573	-.176	.430	.430
222	235.39	84	19,773	904969	1.424	.923	.077	599.18	33	19,773	376914	1.545	.939	.061
223	110.32	59	6,509	196801	.332	.630	.370	241.07	27	6,509	89039	.120	.548	.452
224	174.77	35	6,117	96752	-.986	.162	.162	339.83	18	6,117	52218	-.378	.353	.353
225	62.95	188	11,834	1126206	.295	.616	.384	103.81	114	11,834	622628	-1.423	.077	.077
226	135.96	246	33,447	4067333	-.308	.379	.379	274.16	122	33,447	1980127	-.564	.286	.286
227	52.17	23	1,200	15839	1.227	.890	.110	200.00	6	1,200	4026	.502	.692	.308
228	46.95	725	34,037	12570821	.879	.810	.190	95.34	357	34,037	6385917	1.672	.953	.047
229	82.07	111	9,110	571949	2.395	.992	.008	149.34	61	9,110	309699	1.550	.939	.061
230	140.38	228	32,007	3653463	.033	.513	.487	313.79	102	32,007	1642097	.104	.542	.458
231	68.94	480	33,090	8003597	.296	.616	.384	140.81	235	33,090	4042118	1.052	.854	.146
232	64.03	39	2,497	47875	-.181	.428	.428	104.04	24	2,497	31688	.488	.687	.313
233	40.00	432	17,281	3772048	.380	.648	.352	69.68	248	17,281	2234656	1.169	.879	.121
234	115.00	9	1,035	2358	-2.565	.005	.005	258.75	4	1,035	1215	-1.431	.076	.076
235	73.50	318	23,374	3457580	-2.152	.016	.016	130.58	179	23,374	1999733	-1.022	.154	.154
236	100.75	57	5,743	153958	-.776	.219	.219	147.26	39	5,743	104008	-.771	.220	.220
237	46.22	402	18,579	3790615	0.523	.699	.301	88.47	210	18,579	1983693	0.423	.664	.336
238	137.39	31	4,259	72102	.889	.813	.187	250.53	17	4,259	40618	.871	.808	.192
239	45.73	379	17,330	3450746	1.712	.957	.043	84.13	206	17,330	1894765	1.529	.937	.063
240	362.42	36	13,047	259898	1.109	.866	.134	931.93	14	13,047	105299	.991	.839	.161

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
241	94.22	397	37,406	7654302	1.065	.857	.143	173.98	215	37,406	4164637	.906	.818	.182
242	59.38	295	17,517	2515618	-.785	.216	.216	114.49	153	17,517	1304529	-.568	.285	.285
243	63.05	328	20,679	3290229	-.935	.175	.175	109.41	189	20,679	1975008	.254	.600	.400
244	30.67	3	92	103	-.761	.223	.223	46.00	2	92	99	.186	.574	.426
245	139.59	189	26,383	2243801	-2.382	.009	.009	263.83	100	26,383	1128154	-2.508	.006	.006
246	51.36	390	20,030	4160527	2.230	.987	.013	95.84	209	20,030	2203750	1.323	.907	.093
247	93.07	328	30,526	5136876	.818	.793	.207	195.68	156	30,526	2644854	2.397	.992	.008
248	82.25	24	1,974	23549	-.050	.480	.480	131.60	15	1,974	15299	.224	.589	.411
249	47.11	64	3,015	102400	.850	.802	.198	79.34	38	3,015	64925	1.424	.923	.077
250	181.20	41	7,429	140610	-.851	.197	.197	323.00	23	7,429	76102	-.907	.182	.182
251	--	--	--	--	--	--	--	--	--	--	--	--	--	--
252	145.19	16	2,323	20037	.542	.706	.294	178.69	13	2,323	14378	-.298	.383	.383
253	107.69	13	1,400	10177	.739	.770	.230	233.33	6	1,400	5298	1.109	.866	.134
254	237.62	82	19,485	770239	-.562	.287	.287	573.09	34	19,485	323841	-.226	.411	.411
255	47.85	404	19,333	4213333	2.746	.997	.003	93.40	207	19,333	2228445	2.833	.998	.002
256	48.31	377	18,213	3735119	2.958	.998	.002	92.45	197	18,213	1935059	1.912	.972	.028
257	--	--	--	--	--	--	--	--	--	--	--	--	--	--
258	190.83	102	19,465	1142955	2.647	.996	.004	405.52	48	19,465	582661	2.967	.999	.002
259	86.90	52	4,519	101349	-1.716	.043	.043	205.41	22	4,519	40331	-1.533	.063	.063
260	69.60	317	22,062	3474463	-.197	.422	.422	135.35	163	22,062	1794264	-.047	.481	.481
261	112.39	13	1,461	10084	.386	.650	.350	146.10	10	1,461	7138	-.125	.450	.450
262	65.17	103	6,712	342087	-.182	.428	.428	156.09	43	6,712	141413	-.228	.410	.410
263	579.31	32	18,538	347466	1.680	.954	.046	1853.80	10	18,538	121165	1.683	.954	.046
264	86.87	137	11,901	914976	2.481	.993	.007	135.24	88	11,901	585043	1.905	.972	.028
265	76.15	259	19,723	2699990	1.592	.944	.056	118.81	166	19,723	1726704	1.223	.889	.111
266	30.37	109	3,310	182170	.178	.571	.429	47.97	69	3,310	122696	1.071	.858	.142
267	63.00	578	36,415	10589408	.259	.602	.398	124.71	292	36,415	5428619	.624	.734	.266
268	54.52	67	3,653	123346	.112	.545	.455	91.33	40	3,653	80312	1.087	.861	.139
269	177.25	4	709	1986	1.388	.917	.083	709.00	1	709	556	.985	.838	.163
270	74.50	190	14,154	1356631	.213	.584	.416	138.77	102	14,154	718772	-.075	.470	.470
271	--	--	--	--	--	--	--	--	--	--	--	--	--	--
272	--	--	--	--	--	--	--	--	--	--	--	--	--	--
273	111.08	286	31,770	4558269	.098	.539	.461	190.24	167	31,770	2670299	.148	.559	.441
274	117.35	97	11,383	654439	3.163	.999	.001	223.20	51	11,383	350619	2.572	.995	.005
275	80.10	30	2,403	34232	-.477	.317	.317	184.85	13	2,403	11431	-1.675	.047	.047
276	146.75	44	6,457	143329	.103	.541	.459	379.82	17	6,457	48775	-.795	.213	.213
277	70.06	16	1,121	9677	.548	.708	.292	124.56	9	1,121	5400	.366	.643	.357
278	66.15	179	11,840	1088955	.640	.739	.261	122.06	97	11,840	615175	1.216	.888	.112
279	731.00	1	731	297	-.325	.373	.373	--	--	--	--	--	--	--
280	246.05	67	16,485	557749	.141	.556	.444	433.82	38	16,485	350093	1.257	.896	.104
281	98.11	45	4,415	106802	.873	.809	.191	191.96	23	4,415	49946	-.135	.446	.446
282	60.96	22	1,341	16632	1.036	.850	.150	149.00	9	1,341	6487	.390	.652	.348
283	83.33	233	19,415	2234035	-.325	.373	.373	176.50	110	19,415	1029971	-.644	.260	.260
284	107.14	89	9,535	489805	2.522	.994	.006	179.91	53	9,535	286762	1.701	.956	.044
285	50.76	641	32,536	10037785	-1.640	.051	.051	91.65	355	32,536	5544008	-1.306	.096	.096
286	148.29	252	37,369	4483974	-1.311	.095	.095	278.87	134	37,369	2378181	-1.005	.157	.157
287	130.43	14	1,826	12025	-.384	.351	.351	182.60	10	1,826	8214	-.550	.291	.291
288	89.07	148	13,182	936382	-.844	.199	.199	183.08	72	13,182	453364	-.656	.256	.256

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
289	162.00	7	1,134	2459	-1.743	.041	.041	378.00	3	1,134	1366	-.591	.277	.277
290	90.27	338	30,511	5169003	.078	.531	.469	186.04	164	30,511	2604859	.913	.819	.181
291	130.07	150	19,511	1406778	-.820	.206	.206	219.23	89	19,511	785504	-1.557	.060	.060
292	99.59	22	2,191	24303	.068	.527	.473	182.58	12	2,191	15353	1.007	.843	.157
293	68.99	512	35,323	9403766	1.565	.941	.059	113.22	312	35,323	5620063	.609	.729	.271
294	44.01	428	18,834	4212250	1.616	.947	.053	88.01	214	18,834	2140775	1.578	.943	.057
295	89.92	66	5,935	197473	.116	.546	.454	169.57	35	5,935	105887	.200	.579	.421
296	50.41	341	17,191	3104632	1.894	.971	.029	103.56	166	17,191	1522919	1.503	.934	.067
297	49.48	395	19,546	4086016	2.013	.978	.022	93.97	208	19,546	2103267	.866	.807	.193
298	76.90	133	10,227	701473	.628	.735	.265	189.39	54	10,227	284651	.393	.653	.347
299	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300	323.80	15	4,857	39638	.591	.723	.277	607.13	8	4,857	18362	-.269	.394	.394
301	208.28	81	16,871	677145	-.140	.444	.444	468.64	36	16,871	299615	-.139	.445	.445
302	257.45	75	19,309	828262	2.158	.985	.015	715.15	27	19,309	292468	1.098	.864	.136
303	28.65	17	487	3395	-1.284	.100	.100	48.70	10	487	1995	-.990	.161	.161
304	66.80	375	25,051	4615472	-.583	.280	.280	132.55	189	25,051	2310189	-.575	.283	.283
305	53.59	29	1,554	21526	-.417	.338	.338	86.33	18	1,554	13137	-.446	.328	.328
306	54.47	683	37,205	12926597	.788	.784	.216	91.64	406	37,205	7704052	.700	.758	.242
307	167.67	126	21,126	1460581	1.894	.971	.029	346.33	61	21,126	735308	1.910	.972	.028
308	55.71	319	17,772	2836392	.019	.508	.492	102.14	174	17,772	1579995	.500	.691	.309
309	129.67	9	1,167	5787	.530	.702	.298	194.50	6	1,167	4379	1.064	.856	.144
310	70.52	44	3,103	56565	-1.969	.024	.024	155.15	20	3,103	28144	-.720	.236	.236
311	126.80	30	3,804	57320	.043	.517	.483	951.00	4	3,804	8036	.195	.577	.423
312	73.52	252	18,527	2577817	2.867	.998	.002	147.04	126	18,527	1322168	2.581	.995	.005
313	91.30	27	2,465	28991	-1.159	.123	.123	176.07	14	2,465	13469	-1.422	.078	.078
314	62.83	18	1,131	10149	-.022	.491	.491	161.57	7	1,131	3770	-.218	.414	.414
315	43.05	434	18,684	4429540	3.338	1.000	0	80.53	232	18,684	2474209	3.735	1.000	0
316	152.23	13	1,979	11345	-.737	.231	.231	329.83	6	1,979	7379	1.031	.849	.151
317	162.70	10	1,627	8533	.268	.606	.394	271.17	6	1,627	3544	-1.162	.123	.123
318	170.08	97	16,498	766236	-.723	.235	.235	358.65	46	16,498	363966	-.480	.316	.316
319	124.60	30	3,738	54640	-.242	.404	.404	219.88	17	3,738	26800	-1.118	.132	.132
320	1336.00	6	8,016	18095	-1.050	.147	.147	4008.00	2	8,016	3290	-1.444	.074	.074
321	62.64	331	20,733	3506866	.694	.756	.244	120.54	172	20,733	1819906	.470	.681	.319
322	63.97	196	12,538	1283637	1.084	.861	.139	100.30	125	12,538	869459	2.121	.983	.017
323	69.66	77	5,364	208264	.129	.551	.449	178.80	30	5,364	78675	-.211	.417	.417
324	74.36	425	31,602	6964578	1.325	.907	.093	151.21	209	31,602	3685380	2.904	.998	.002
325	224.16	19	4,259	30667	-1.827	.034	.034	425.90	10	4,259	20746	-.141	.444	.444
326	42.16	154	6,492	497485	-.103	.459	.459	82.18	79	6,492	273644	1.033	.849	.151
327	97.90	83	8,126	329378	-.367	.357	.357	198.20	41	8,126	142278	-1.618	.053	.053
328	121.88	8	975	4257	.448	.673	.327	487.50	2	975	1122	.369	.644	.356
329	35.70	324	11,566	1869716	-.066	.474	.474	60.24	192	11,566	1044374	-1.426	.077	.077
330	48.25	757	36,526	14126929	1.040	.851	.149	94.87	385	36526	7131873	.486	.687	.313
331	133.96	50	6,698	179571	.887	.812	.188	279.08	24	6,698	88325	.839	.799	.201
332	113.46	281	31,881	4501781	.146	.558	.442	192.05	166	31,881	2809226	1.376	.915	.085
333	60.73	353	21,436	3831266	0.411	.660	.340	117.78	182	21,436	1968974	0.219	.587	.413
334	195.47	79	15,442	693338	2.104	.982	.018	514.73	30	15,442	270027	1.573	.942	.058
335	224.43	99	22,219	1016485	-1.306	.096	.096	435.67	51	22,219	475911	-1.980	.024	.024
336	86.25	24	2,070	24827	-.004	.498	.498	188.18	11	2,070	7935	-1.741	.041	.041

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
337	91.75	120	11,010	608871	-1.486	.069	.069	220.20	50	11,010	273751	-.067	.473	.473
338	94.71	61	5,777	175788	-.032	.487	.487	231.08	25	5,777	77831	.674	.750	.250
339	42.25	115	4,859	308399	1.928	.973	.027	79.66	61	4,859	151644	.314	.623	.377
340	65.00	96	6,240	306610	.402	.656	.344	127.35	49	6,240	151039	-.146	.442	.442
341	226.44	43	9,737	236400	1.468	.929	.071	389.48	25	9,737	149054	1.945	.974	.026
342	195.24	21	4,100	54229	2.061	.980	.020	410.00	10	4,100	32206	3.128	.999	.001
343	67.56	188	12,702	1197007	.060	.524	.476	125.76	101	12,702	679530	1.033	.849	.151
344	77.54	444	34,428	8089324	2.131	.983	.017	140.52	245	34,428	4427337	1.349	.911	.089
345	48.50	10	485	2281	-.325	.373	.373	121.25	4	485	988	.064	.526	.474
346	207.00	104	21,528	1032715	-1.369	.086	.086	422.12	51	21,528	519469	-.665	.253	.253
347	198.67	6	1,192	3861	.338	.632	.368	397.33	3	1,192	1918	.218	.586	.414
348	122.70	91	11,166	529736	.705	.760	.240	248.13	45	11,166	266282	.696	.757	.243
349	116.26	96	11,161	539908	.132	.553	.447	223.22	50	11,161	298633	.861	.805	.195
350	104.38	270	28,183	3891903	.652	.743	.257	242.96	116	28,183	1677162	.486	.686	.314
351	120.78	32	3,865	65460	.574	.717	.283	227.35	17	3,865	31382	-.320	.375	.375
352	106.20	10	1,062	5195	-.119	.453	.453	132.75	8	1,062	3922	-.376	.353	.353
353	48.61	67	3,257	113461	.565	.714	.286	125.27	26	3,257	41421	-.192	.424	.424
354	75.56	91	6,876	324413	.610	.729	.271	156.27	44	6,876	158846	.575	.717	.283
355	76.51	146	11,170	801966	-.345	.365	.365	134.58	83	11,170	449905	-.465	.321	.321
356	118.52	302	35,793	5385287	-.108	.457	.457	192.44	186	35,793	3186521	-1.009	.156	.156
357	100.60	314	31,587	4865988	-.577	.282	.282	214.88	147	31,587	2197786	-1.120	.131	.131
358	116.57	162	18,884	1524585	-.072	.471	.471	222.17	85	18,884	794926	-.152	.440	.440
359	148.00	15	2,220	20756	1.654	.951	.049	277.50	8	2,220	13174	2.369	.991	.009
360	72.40	10	724	2913	-1.070	.142	.142	181.00	4	724	1256	-.459	.323	.323
361	150.00	1	150	99	.554	.710	.290	--	--	--	--	--	--	--
362	56.61	375	21,229	3894798	-.722	.235	.235	103.05	206	21,229	2215254	.326	.628	.372
363	44.65	49	2,188	51158	-.554	.290	.290	84.15	26	2,188	26628	-.564	.286	.286
364	49.17	195	9,588	966864	.829	.796	.204	78.59	122	9,588	583711	-.038	.485	.485
365	49.84	447	22,280	4960014	-.144	.443	.443	95.21	234	22,280	2588776	-.183	.427	.427
366	51.53	49	2,525	63712	.363	.642	.358	52.60	48	2,525	62638	.404	.657	.343
367	54.45	212	11,543	1246887	.481	.685	.315	103.99	111	11,543	643405	.079	.531	.469
368	123.91	68	8,426	274666	-.589	.278	.278	210.65	40	8,426	151435	-1.111	.133	.133
369	--	--	--	--	--	--	--	--	--	--	--	--	--	--
370	1307.40	5	6,537	10121	-1.474	.070	.070	3268.50	2	6,537	3833	-1.013	.156	.156
371	939.00	21	19,719	169542	-1.438	.075	.075	4929.75	4	19,719	38667	-.068	.473	.473
372	156.85	52	8,156	235042	1.354	.912	.088	429.26	19	8,156	95112	1.718	.957	.043
373	93.00	2	186	235	.645	.741	.259	93.00	2	186	235	.645	.741	.259
374	174.80	5	874	2870	1.214	.888	.112	291.33	3	874	2097	1.799	.964	.036
375	164.94	65	10,721	372105	.949	.829	.171	345.84	31	10,721	164365	-.105	.458	.458
376	171.18	17	2,910	30705	1.724	.958	.042	485.00	6	2,910	10235	.731	.768	.232
377	95.53	190	18,150	1819494	1.319	.906	.094	187.11	97	18,150	940776	1.172	.879	.121
378	76.13	191	14,540	1425014	.628	.735	.265	132.18	110	14,540	810775	.252	.599	.401
379	36.20	5	181	507	.467	.680	.320	181.00	1	181	138	.909	.818	.182
380	119.00	12	1,428	9270	.492	.688	.312	142.80	10	1,428	7387	.190	.575	.425
381	48.34	393	18,998	3857071	1.140	.873	.127	86.75	219	18,998	2237040	1.932	.973	.027
382	74.00	4	296	507	-.497	.309	.309	74.00	4	296	507	-.497	.309	.309
383	111.51	291	32,450	5155415	2.716	.997	.003	178.30	182	32,450	3149701	1.557	.940	.060
384	115.04	71	8,168	281314	-.435	.332	.332	204.20	40	8,168	164531	.079	.531	.469

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
385	60.43	285	17,222	2406362	-.569	.285	.285	112.56	153	17,222	1323393	.096	.538	.462
386	61.00	4	244	390	-.696	.243	.243	244.00	1	244	236	1.619	.947	.053
387	83.24	25	2,081	25807	-.068	.473	.473	189.18	11	2,081	9913	-.769	.221	.221
388	66.60	37	2,464	49021	.794	.786	.214	136.89	18	2,464	22695	.172	.568	.432
389	60.50	6	363	1156	.261	.603	.397	90.75	4	363	1030	1.451	.927	.073
390	36.87	474	17,476	4239364	.888	.813	.187	69.35	252	17,476	2222616	.258	.602	.398
391	84.51	189	15,972	1518345	.142	.556	.444	164.66	97	15,972	777028	.053	.521	.479
392	79.54	13	1,034	5010	-1.590	.056	.056	94.00	11	1,034	3682	-2.025	.021	.021
393	882.83	12	10,594	79136	1.470	.929	.071	1324.25	8	10,594	44093	.199	.579	.421
394	--	--	--	--	--	--	--	--	--	--	--	--	--	--
395	80.66	113	9,115	572006	2.038	.979	.021	128.38	71	9,115	351349	1.252	.895	.105
396	53.38	369	19,696	3763569	1.187	.882	.118	106.47	185	19,696	1782911	-.504	.307	.307
397	146.81	97	14,241	655769	-.862	.194	.194	249.84	57	14,241	377261	-.922	.178	.178
398	102.17	331	33,819	5811676	1.208	.887	.113	183.80	184	33,819	3260653	1.127	.870	.130
399	82.43	238	19,618	2356859	.255	.601	.399	153.27	128	19,618	1208789	-.730	.233	.233
400	48.79	395	19,271	3846362	.365	.642	.358	89.63	215	19,271	2123773	.639	.739	.261
401	160.53	36	5,779	86302	-1.770	.038	.038	275.19	21	5,779	44363	-2.134	.016	.016
402	81.00	3	243	503	1.140	.873	.127	121.50	2	243	263	.202	.580	.420
403	63.84	212	13,535	1368183	-1.169	.121	.121	123.05	110	13,535	775829	.766	.778	.222
404	62.64	329	20,610	3502365	1.038	.850	.150	127.22	162	20,610	1721999	.695	.756	.244
405	126.43	94	11,884	621661	1.898	.971	.029	237.68	50	11,884	336400	1.620	.947	.053
406	71.57	303	21,685	3498207	1.954	.975	.025	134.69	161	21,685	1930907	2.332	.990	.010
407	65.05	57	3,708	94293	-1.409	.079	.079	168.55	22	3,708	42175	.276	.609	.391
408	63.70	536	34,142	9573712	1.857	.968	.032	121.94	280	34,142	5071652	1.769	.962	.038
409	608.00	2	1,216	1263	.095	.538	.462	1216.00	1	1,216	423	-.527	.299	.299
410	54.13	266	14,398	1979834	.957	.831	.169	105.87	136	14,398	1010121	.641	.739	.261
411	137.71	139	19,141	1382074	.795	.787	.213	290.02	66	19,141	699169	1.504	.934	.066
412	63.17	220	13,897	1678240	2.514	.994	.006	122.98	113	13,897	922857	3.228	.999	.001
413	84.96	355	30,162	5316140	-.229	.409	.409	157.92	191	30,162	2806641	-.614	.270	.270
414	55.21	62	3,423	114868	1.125	.870	.130	106.97	32	3,423	58059	.589	.722	.278
415	167.89	128	21,490	1335196	-.572	.284	.284	383.75	56	21,490	591260	-.225	.411	.411
416	161.27	120	19,352	1165926	.079	.531	.469	365.13	53	19,352	450823	-1.525	.064	.064
417	76.80	40	3,072	69933	1.514	.935	.065	219.43	14	3,072	30731	2.781	.997	.003
418	169.56	147	24,925	2029638	2.266	.988	.012	361.23	69	24,925	959655	1.669	.952	.048
419	73.33	309	22,658	3256270	-2.126	.017	.017	137.32	165	22,658	1704349	-1.963	.025	.025
420	156.87	122	19,138	1223307	.916	.820	.180	324.37	59	19,138	634310	1.643	.950	.050
421	458.69	68	31,191	1066494	.081	.532	.468	1356.13	23	31,191	374814	.373	.646	.355
422	609.95	19	11,589	78496	-2.167	.015	.015	827.79	14	11,589	54848	-2.099	.018	.018
423	126.04	92	11,596	507837	-.797	.213	.213	218.79	53	11,596	305590	-.070	.472	.472
424	--	--	--	--	--	--	--	--	--	--	--	--	--	--
425	327.11	65	21,262	697772	.137	.554	.446	644.30	33	21,262	325711	-.712	.238	.238
426	270.71	66	17,867	543110	-1.110	.134	.134	496.31	36	17,867	269152	-1.695	.045	.045
427	--	--	--	--	--	--	--	--	--	--	--	--	--	--
428	94.08	51	4,798	137603	1.542	.938	.062	137.09	35	4,798	97984	1.711	.956	.044
429	79.59	68	5,412	189348	0.415	.661	.339	174.58	31	5,412	80472	-0.393	.347	.347
430	84.10	106	8,915	500952	1.074	.859	.141	151.10	59	8,915	310930	2.425	.992	.008
431	68.86	56	3,856	109102	.136	.554	.446	167.65	23	3,856	37593	-1.265	.103	.103
432	44.33	196	8,688	797648	-1.532	.063	.063	79.71	109	8,688	454199	-.737	.231	.231

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
433	97.35	281	27,354	3821694	-.163	.435	.435	182.36	150	27,354	2077289	.266	.605	.395
434	62.37	218	13,597	1509906	.480	.684	.316	123.61	110	13,597	787311	.959	.831	.169
435	73.79	14	1,033	8899	1.495	.933	.067	114.78	9	1,033	6778	2.380	.991	.009
436	90.51	321	29,054	4986936	2.155	.984	.016	168.92	172	29,054	2584073	.777	.781	.219
437	40.07	632	25,322	8194629	1.050	.853	.147	65.60	386	25,322	5000521	.789	.785	.215
438	81.89	228	18,671	2239279	1.361	.913	.087	142.53	131	18,671	1297048	1.201	.885	.115
439	97.19	84	8,164	321410	-.994	.160	.160	189.86	43	8,164	170220	-.343	.366	.366
440	95.90	97	9,302	473618	.850	.802	.198	157.66	59	9,302	295141	1.005	.843	.157
441	263.70	90	23,733	1109547	.640	.739	.261	641.43	37	23,733	391904	-1.132	.129	.129
442	61.99	206	12,769	1416144	1.908	.972	.028	115.04	111	12,769	780582	1.852	.968	.032
443	69.08	188	12,987	1215450	-.104	.459	.459	154.61	84	12,987	535384	-.293	.385	.385
444	115.21	14	1,613	12005	.410	.659	.341	322.60	5	1,613	5225	1.145	.874	.126
445	153.12	125	19,140	1251821	.900	.816	.184	348.00	55	19,140	525392	-.023	.491	.491
446	90.54	13	1,177	7865	.175	.570	.430	235.40	5	1,177	3333	.514	.696	.304
447	158.19	145	22,938	1563190	-1.252	.105	.105	358.41	64	22,938	647710	-1.629	.052	.052
448	69.29	455	31,527	6999417	-.891	.187	.187	135.31	233	31,527	3447453	-1.623	.052	.052
449	50.64	105	5,317	262547	-1.055	.146	.146	91.67	58	5,317	151292	-.248	.402	.402
450	58.17	353	20,533	3908194	2.551	.995	.005	102.15	201	20,533	2179221	1.376	.916	.084
451	63.93	87	5,562	245579	.243	.596	.404	111.24	50	5,562	146492	.656	.744	.256
452	101.33	3	304	371	-.559	.288	.288	152.00	2	304	287	-.137	.445	.445
453	262.88	8	2,103	4986	-1.995	.023	.023	701.00	3	2,103	3069	-.081	.468	.468
454	194.99	163	31,784	2652250	.528	.701	.299	392.40	81	31,784	1244206	-.521	.301	.301
455	221.75	4	887	1916	.277	.609	.391	443.50	2	887	1029	.392	.653	.348
456	--	--	--	--	--	--	--	--	--	--	--	--	--	--
457	68.20	5	341	1242	1.770	.962	.038	113.67	3	341	640	.754	.774	.226
458	41.21	151	6,223	473007	.144	.557	.443	73.21	85	6,223	270962	.392	.652	.348
459	62.28	18	1,121	10489	.291	.615	.385	93.42	12	1,121	6805	.071	.528	.472
460	69.94	468	32,732	7361236	-1.458	.072	.072	126.87	258	32,732	3919545	-1.996	.023	.023
461	89.49	344	30,785	5418453	.749	.773	.227	165.51	186	30,785	2747502	-.953	.170	.170
462	72.41	245	17,740	2226419	.665	.747	.253	133.38	133	17,740	1168366	-.192	.424	.424
463	64.46	116	7,477	490026	2.424	.992	.008	124.62	60	7,477	230475	.369	.644	.356
464	59.37	379	22,500	4228074	-.282	.389	.389	109.22	206	22,500	2272394	-.484	.314	.314
465	61.44	32	1,966	34350	.901	.816	.184	109.22	18	1,966	19858	.899	.816	.184
466	52.26	502	26,233	6643780	.350	.637	.363	95.05	276	26,233	3778116	1.256	.895	.105
467	381.48	29	11,063	167402	.406	.658	.342	1580.43	7	11,063	41365	.313	.623	.377
468	33.10	30	993	10735	-2.650	.004	.004	58.41	17	993	5594	-2.408	.008	.008
469	50.62	194	9,821	913009	-1.004	.158	.158	99.20	99	9,821	469536	-.589	.278	.278
470	91.00	1	91	45	-.019	.492	.492	--	--	--	--	--	--	--
471	71.59	187	13,388	1299324	.900	.816	.184	143.96	93	13,388	628076	.149	.559	.441
472	46.83	72	3,372	124820	.415	.661	.339	80.29	42	3,372	78090	1.154	.876	.124
473	73.95	260	19,226	2788580	3.232	.999	.001	141.37	136	19,226	1388330	1.251	.894	.106
474	96.46	261	25,176	3441019	1.325	.907	.093	215.18	117	25,176	1509061	.461	.678	.322
475	69.93	457	31,959	7769221	2.366	.991	.009	119.25	268	31,959	4612940	2.188	.986	.014
476	57.90	315	18,237	3007785	1.450	.926	.074	94.01	194	18,237	1761852	-.097	.461	.461
477	75.02	56	4,201	138656	2.317	.990	.010	150.04	28	4,201	75056	2.531	.994	.006
478	72.07	320	23,063	3791807	.854	.803	.197	133.31	173	23,063	2059532	.738	.770	.230
479	44.80	40	1,792	29901	-1.815	.035	.035	81.46	22	1,792	15241	-1.843	.033	.033
480	64.59	88	5,684	258124	.522	.699	.301	107.25	53	5,684	154465	.321	.626	.374

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
481	43.17	293	12,650	1979310	2.017	.978	.022	75.30	168	12,650	1181073	2.503	.994	.006
482	77.27	48	3,709	86146	-.387	.349	.349	137.37	27	3,709	46938	-.563	.287	.287
483	70.53	45	3,174	77409	.975	.835	.165	144.27	22	3,174	36221	.304	.619	.381
484	76.00	36	2,736	48753	-.105	.458	.458	109.44	25	2,736	32591	-.407	.342	.342
485	84.80	10	848	2912	-1.716	.043	.043	212.00	4	848	656	-2.124	.017	.017
486	88.50	393	34,779	6959733	.631	.736	.264	177.44	196	34,779	3605822	1.405	.920	.080
487	81.91	128	10,484	672203	.036	.514	.486	156.48	67	10,484	374060	.922	.822	.178
488	287.12	98	28,138	1427256	.603	.727	.273	639.50	44	28,138	576943	-.781	.217	.217
489	74.06	157	11,627	967254	1.297	.903	.097	149.06	78	11,627	484660	1.053	.854	.146
490	71.58	109	7,802	445758	.874	.809	.191	152.98	51	7,802	237513	2.398	.992	.008
491	53.66	238	12,770	1605934	1.518	.935	.065	107.31	119	12,770	785927	.649	.742	.258
492	72.30	347	25,088	4212568	-1.039	.149	.149	140.94	178	25,088	2223798	-.094	.463	.463
493	53.71	664	35,661	12251265	1.552	.940	.060	94.84	376	35,661	7013373	1.549	.939	.061
494	49.57	86	4,263	187503	.368	.643	.357	85.26	50	4,263	109564	.344	.634	.366
495	42.65	477	20,344	5293694	3.443	1.000	0	79.78	255	20,344	2886619	3.122	.999	.001
496	184.25	117	21,557	1167391	-1.392	.082	.082	365.37	59	21,557	463890	-3.599	0	0
497	815.00	1	815	465	.244	.597	.403	815.00	1	815	465	.244	.597	.403
498	61.32	311	19,069	3122212	1.617	.947	.053	123.03	155	19,069	1566826	1.298	.903	.097
499	111.62	159	17,748	1451606	.629	.735	.265	253.54	70	17,748	621840	.015	.506	.494
500	88.92	13	1,156	10756	2.695	.996	.004	231.20	5	1,156	4075	1.588	.944	.056
501	76.30	67	5,112	162934	-.689	.246	.246	146.06	35	5,112	85929	-.404	.343	.343
502	50.70	603	30,570	9701944	2.239	.987	.013	95.23	321	30,570	5320771	2.620	.996	.004
503	145.71	42	6,120	122252	-.547	.292	.292	278.18	22	6,120	57147	-1.228	.110	.110
504	230.19	16	3,683	30571	.260	.603	.397	334.82	11	3,683	19432	-.234	.408	.408
505	153.00	7	1,071	3408	-.416	.339	.339	535.50	2	1,071	386	-1.567	.059	.059
506	63.07	593	37,401	11882537	3.017	.999	.001	111.98	334	37,401	6796651	2.791	.997	.003
507	33.24	42	1,396	33420	1.571	.942	.058	60.70	23	1,396	16634	.300	.618	.382
508	86.79	183	15,882	1463501	.166	.566	.434	206.26	77	15,882	594791	-.414	.339	.339
509	118.14	216	25,519	2633674	-1.130	.129	.129	274.40	93	25,519	1107088	-1.120	.131	.131
510	233.11	9	2,098	11505	1.136	.872	.128	299.71	7	2,098	8286	.589	.722	.278
511	43.95	423	18,591	4411782	4.347	1.000	0	83.37	223	18,591	2429865	4.454	1.000	0
512	97.32	324	31,532	5073560	-.211	.416	.416	166.84	189	31,532	2934804	-.359	.360	.360
513	96.85	220	21,306	2314913	-.315	.376	.376	191.95	111	21,306	1260821	1.209	.887	.113
514	--	--	--	--	--	--	--	--	--	--	--	--	--	--
515	223.39	72	16,084	550659	-.720	.236	.236	554.62	29	16,084	247196	.559	.712	.288
516	343.88	8	2,751	13821	1.254	.895	.105	1375.50	2	2,751	2924	.154	.561	.439
517	219.78	89	19,560	882444	.226	.589	.411	489.00	40	19,560	435456	1.239	.892	.108
518	123.53	297	36,688	5598504	.824	.795	.205	286.63	128	36,688	2310916	-.310	.378	.378
519	130.78	59	7,716	251389	1.389	.918	.082	308.64	25	7,716	104564	.729	.767	.233
520	167.50	4	670	1005	-.866	.193	.193	670.00	1	670	641	1.582	.943	.057
521	45.93	388	17,822	3479285	.215	.585	.415	90.47	197	17,822	1834622	1.096	.863	.137
522	86.07	86	7,402	370391	2.630	.996	.004	189.80	39	7,402	155320	.823	.795	.205
523	140.89	27	3,804	60708	1.639	.949	.051	237.75	16	3,804	36191	1.311	.905	.095
524	608.75	4	2,435	4812	-.041	.484	.484	--	--	--	--	--	--	--
525	--	--	--	--	--	--	--	--	--	--	--	--	--	--
526	115.06	283	32,561	4606957	-0.003	.499	.499	206.08	158	32,561	2538262	-0.288	.387	.387
527	36.37	239	8,692	1144122	2.718	.997	.003	67.38	129	8,692	617864	2.008	.978	.022
528	36.29	87	3,157	130251	-.833	.203	.203	63.14	50	3,157	78968	.007	.503	.497

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
529	57.92	200	11,583	1276963	2.509	.994	.006	104.35	111	11,583	710558	1.922	.973	.027
530	47.66	716	34,124	12739084	1.983	.976	.024	92.48	369	34,124	6559215	1.392	.918	.082
531	63.00	101	6,363	341049	1.068	.857	.143	109.71	58	6,363	199405	1.064	.856	.144
532	87.30	413	36,056	7627113	.858	.805	.195	183.03	197	36,056	3610461	.404	.657	.343
533	220.15	117	25,757	1394414	-1.397	.081	.081	415.44	62	25,757	764298	-.584	.280	.280
534	98.60	10	986	4410	-.578	.282	.282	328.67	3	986	1926	.907	.818	.182
535	72.84	576	41,954	11975006	-.371	.355	.355	140.31	299	41,954	6101876	-.813	.208	.208
536	75.50	2	151	48	-1.671	.047	.047	--	--	--	--	--	--	--
537	81.29	392	31,864	6532502	1.577	.943	.057	168.59	189	31,864	3081298	.555	.710	.290
538	120.53	19	2,290	18431	-1.154	.124	.124	190.83	12	2,290	10566	-1.386	.083	.083
539	132.39	149	19,726	1361803	-1.551	.061	.061	308.22	64	19,726	612100	-.420	.337	.337
540	83.30	20	1,666	20308	1.696	.955	.045	151.46	11	1,666	10183	.640	.739	.261
541	65.98	531	35,035	8950532	-1.507	.066	.066	122.07	287	35,035	4790591	-1.383	.083	.083
542	74.00	16	1,184	9132	-.249	.402	.402	118.40	10	1,184	6149	.212	.584	.416
543	270.10	31	8,373	129092	-.051	.480	.480	523.31	16	8,373	82680	1.623	.948	.052
544	82.85	354	29,330	5247177	.350	.637	.363	143.78	204	29,330	2995261	.030	.512	.488
545	113.47	74	8,397	314760	.195	.577	.423	209.93	40	8,397	145772	-1.446	.074	.074
546	49.22	638	31,403	10165564	.646	.741	.259	85.33	368	31,403	5975493	1.135	.872	.128
547	104.44	169	17,650	1412539	-1.191	.117	.117	191.85	92	17,650	770160	-.854	.197	.197
548	47.51	276	13,112	1875409	1.049	.853	.147	85.14	154	13,112	1013172	.076	.530	.470
549	--	--	--	--	--	--	--	--	--	--	--	--	--	--
550	41.90	20	838	8944	.521	.699	.301	93.11	9	838	4115	.474	.682	.318
551	53.78	102	5,486	302053	1.392	.918	.082	94.59	58	5,486	169673	.877	.810	.190
552	50.17	390	19,567	4085051	2.416	.992	.008	93.62	209	19,567	2290779	3.013	.999	.001
553	--	--	--	--	--	--	--	--	--	--	--	--	--	--
554	44.57	267	11,901	1603368	.260	.603	.397	82.65	144	11,901	863549	.162	.564	.436
555	--	--	--	--	--	--	--	--	--	--	--	--	--	--
556	39.83	502	19,994	5376936	2.772	.997	.003	70.15	285	19,994	3075740	2.326	.990	.010
557	54.80	5	274	635	-.283	.389	.389	91.33	3	274	396	-.110	.456	.456
558	40.94	52	2,129	59040	.832	.797	.203	78.85	27	2,129	29186	.139	.555	.445
559	97.33	6	584	1374	-.915	.180	.180	146.00	4	584	1112	-.166	.434	.434
560	244.00	1	244	54	-.965	.167	.167	--	--	--	--	--	--	--
561	40.71	437	17,792	4154022	2.482	.993	.007	77.36	230	17,792	2298751	3.244	.999	.001
562	40.97	505	20,691	5535609	2.318	.990	.010	80.20	258	20,691	2800173	1.366	.914	.086
563	44.11	383	16,893	3423390	1.974	.976	.024	72.19	234	16,893	1951135	-.340	.367	.367
564	46.07	412	18,979	4150241	2.163	.985	.015	93.03	204	18,979	2127756	2.452	.993	.007
565	39.49	124	4,897	324865	1.350	.911	.089	63.60	77	4,897	211576	1.858	.968	.032
566	42.44	353	14,981	2830420	2.293	.989	.011	76.05	197	14,981	1522338	.770	.779	.221
567	86.20	102	8,792	583656	5.277	0	0	151.59	58	8,792	331088	3.938	1.000	0
568	41.95	377	15,815	3193436	2.395	.992	.008	85.03	186	15,815	1585085	1.836	.967	.033
569	55.53	166	9,218	728435	-1.069	.143	.143	97.03	95	9,218	413382	-.944	.173	.173
570	29.10	125	3,637	239424	1.032	.849	.151	46.63	78	3,637	150781	.964	.832	.168
571	45.79	396	18,133	3984926	3.788	1.000	0	90.67	200	18,133	2036025	3.009	.999	.001
572	69.02	185	12,769	1127909	-1.062	.144	.144	138.79	92	12769	599324	.338	.632	.368
573	129.26	39	5,041	96976	-0.146	.442	.442	265.32	19	5,041	47640	-0.039	.484	.484
574	46.90	238	11,163	1419545	1.833	.967	.033	74.92	149	11,163	948182	2.963	.998	.002
575	101.75	172	17,501	1521810	.252	.600	.400	203.50	86	17501	800845	1.031	.849	.151
576	75.35	48	3,617	84973	-.254	.400	.400	109.61	33	3,617	56946	-.456	.324	.324

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
577	80.73	230	18,568	2367091	2.851	.998	.002	141.74	131	18,568	1374639	2.583	.995	.005
578	47.74	422	20,145	4293089	.356	.639	.361	95.47	211	20,145	2237755	1.331	.908	.092
579	81.92	172	14,090	1198770	-.243	.404	.404	156.56	90	14,090	587509	-1.206	.114	.114
580	73.00	1	73	57	.973	.835	.165	--	--	--	--	--	--	--
581	33.83	70	2,368	82222	-.115	.454	.454	64.00	37	2,368	43995	.045	.518	.482
582	73.10	253	18,495	2452698	1.332	.908	.092	141.18	131	18,495	1366602	2.539	.994	.006
583	261.00	62	16,182	575087	1.997	.977	.023	522.00	31	16,182	317733	2.573	.995	.005
584	61.00	4	244	542	.383	.649	.351	--	--	--	--	--	--	--
585	115.18	114	13,130	702580	-1.133	.129	.129	205.16	64	13,130	382910	-1.229	.110	.110
586	--	--	--	--	--	--	--	--	--	--	--	--	--	--
587	70.21	52	3,651	102509	.998	.841	.159	135.22	27	3,651	53098	.696	.757	.243
588	92.94	92	8,550	362292	-1.310	.095	.095	198.84	43	8,550	169854	-.863	.194	.194
589	58.51	112	6,553	398684	1.584	.943	.057	96.37	68	6,553	243602	1.333	.909	.091
590	52.86	7	370	1866	2.021	.978	.022	123.33	3	370	827	1.470	.929	.071
591	57.08	64	3,653	119785	.343	.634	.366	117.84	31	3,653	59732	.530	.702	.298
592	83.94	263	22,076	2917305	.139	.555	.445	159.97	138	22,076	1472222	-.682	.248	.248
593	48.63	319	15,514	2685192	2.634	.996	.004	100.09	155	15,514	1294899	1.660	.952	.048
594	48.55	121	5,874	361635	.336	.631	.369	96.30	61	5,874	186915	.586	.721	.279
595	99.20	93	9,226	438001	.350	.637	.363	205.02	45	9,226	178935	-1.604	.054	.054
596	65.92	390	25,710	5123330	.750	.773	.227	147.76	174	25,710	2388432	1.549	.939	.061
597	37.61	547	20,570	6005927	2.736	.997	.003	65.93	312	20,570	3412787	1.944	.974	.026
598	37.39	28	1,047	13388	-.794	.214	.214	74.79	14	1,047	5881	-1.280	.100	.100
599	135.11	131	17,699	1280131	2.067	.981	.019	256.51	69	17,699	661420	1.197	.884	.116
600	63.42	308	19,532	3101272	.943	.827	.173	111.61	175	19,532	1713560	.061	.524	.476
601	47.46	681	32,319	10889829	-.472	.319	.319	95.62	338	32,319	5290585	-.999	.159	.159
602	57.38	268	15,379	2042435	-.253	.400	.400	99.86	154	15,379	1177071	-.129	.449	.449
603	63.53	98	6,226	339015	1.908	.972	.028	97.28	64	6,226	215987	1.165	.878	.122
604	71.38	172	12,277	1101794	.989	.839	.161	133.45	92	12,277	591391	.784	.783	.217
605	177.43	35	6,210	115787	.671	.749	.251	326.84	19	6,210	71221	1.565	.941	.059
606	169.87	31	5,266	95983	1.697	.955	.045	239.36	22	5,266	69110	1.569	.942	.058
607	155.80	25	3,895	58426	1.732	.958	.042	432.78	9	3,895	20122	.769	.779	.221
608	89.29	237	21,162	2468317	-.419	.338	.338	162.79	130	21,162	1399777	.348	.636	.364
609	263.18	11	2,895	16205	.102	.541	.459	579.00	5	2,895	6899	-.181	.428	.428
610	100.62	303	30,487	4386732	-1.515	.065	.065	194.19	157	30,487	2200967	-1.744	.041	.041
611	164.38	50	8,219	218218	.760	.776	.224	342.46	24	8,219	110069	.984	.837	.163
612	150.42	24	3,610	56350	2.552	.995	.005	277.69	13	3,610	29443	1.591	.944	.056
613	68.90	10	689	2348	-1.744	.041	.041	98.43	7	689	1457	-1.814	.035	.035
614	145.83	23	3,354	36057	-.541	.294	.294	258.00	13	3,354	20383	-.406	.342	.342
615	61.00	1	61	47	.937	.826	.174	61.00	1	61	47	.937	.826	.174
616	85.36	22	1,878	19209	-.570	.284	.284	104.33	18	1,878	15105	-.781	.217	.217
617	38.96	45	1,753	27472	-3.526	0	0	67.42	26	1,753	15287	-2.907	.002	.002
618	43.73	472	20,642	5334421	3.576	1.000	0	86.37	239	20,642	2707437	2.613	.996	.004
619	84.15	338	28,443	4640461	-1.102	.135	.135	153.75	185	28,443	2508320	-1.098	.136	.136
620	77.44	9	697	3676	.894	.814	.186	--	--	--	--	--	--	--
621	52.71	313	16,498	2799898	2.587	.995	.005	94.82	174	16,498	1478794	0.692	.755	.245
622	59.71	606	36,185	11041040	.299	.618	.382	113.43	319	36,185	5825553	.290	.614	.386
623	92.05	80	7,364	291267	-.173	.431	.431	179.61	41	7,364	143238	-.567	.285	.285
624	48.60	40	1,944	36151	-.769	.221	.221	77.76	25	1,944	24962	.236	.593	.407

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
625	73.24	136	9,960	726421	1.466	.929	.071	121.46	82	9,960	440936	1.251	.895	.105
626	63.69	170	10,827	888638	-.777	.219	.219	130.45	83	10,827	452714	.119	.547	.453
627	492.54	24	11,821	130297	-.691	.245	.245	1182.10	10	11,821	65350	.579	.719	.281
628	555.89	9	5,003	17400	-1.180	.119	.119	1667.67	3	5,003	2808	-1.878	.030	.030
629	91.85	288	26,452	3824250	.117	.547	.453	164.30	161	26,452	2191702	.643	.740	.260
630	79.38	125	9,923	631030	.339	.633	.367	141.76	70	9,923	333133	-.591	.277	.277
631	83.16	131	10,894	729641	.447	.672	.328	162.60	67	10,894	368927	.155	.561	.439
632	70.44	113	7,960	467633	.733	.768	.232	139.65	57	7,960	252643	1.486	.931	.069
633	63.04	27	1,702	23556	.227	.590	.410	141.83	12	1,702	9390	-.483	.315	.315
634	290.00	1	290	150	.060	.524	.476	--	--	--	--	--	--	--
635	80.85	332	26,842	4673067	1.539	.938	.062	133.54	201	26,842	2810705	1.029	.848	.152
636	39.06	531	20,742	5736844	1.666	.952	.048	67.34	308	20,742	3226372	.306	.620	.380
637	143.59	170	24,410	2166865	1.002	.842	.158	317.01	77	24,410	1022631	1.340	.910	.090
638	129.24	86	11,115	518344	1.358	.913	.087	277.88	40	11,115	237098	.729	.767	.233
639	87.07	60	5,224	157008	.025	.510	.490	163.25	32	5,224	84264	.080	.532	.468
640	34.30	171	5,865	544065	1.925	.973	.027	56.39	104	5,865	321306	.946	.828	.172
641	170.86	7	1,196	4470	.311	.622	.378	398.67	3	1,196	2184	.652	.743	.257
642	--	--	--	--	--	--	--	--	--	--	--	--	--	--
643	58.56	561	32,853	9314895	.444	.671	.329	107.36	306	32,853	5238906	1.280	.900	.100
644	117.76	21	2,473	29578	1.104	.865	.135	247.30	10	2,473	13921	.689	.755	.245
645	117.27	234	27,442	3312271	.838	.799	.201	194.62	141	27,442	1905208	-.313	.377	.377
646	828.60	25	20,715	291263	1.081	.860	.140	3452.50	6	20,715	68275	.419	.662	.338
647	75.58	12	907	6738	1.429	.923	.077	113.38	8	907	4486	1.159	.877	.123
648	57.97	33	1,913	34900	1.051	.853	.147	119.56	16	1,913	16692	.628	.735	.265
649	510.63	16	8,170	42421	-2.432	.008	.008	2042.50	4	8,170	10834	-1.167	.122	.122
650	99.25	145	14,391	1077660	.686	.754	.246	208.57	69	14,391	502732	.181	.572	.428
651	254.73	11	2,802	17372	.731	.768	.232	560.40	5	2,802	9361	1.303	.904	.096
652	99.75	8	798	3092	-.154	.439	.439	199.50	4	798	1853	.558	.711	.289
653	77.36	14	1,083	7120	-.394	.347	.347	120.33	9	1,083	4195	-.723	.235	.235
654	152.22	68	10,351	397091	1.833	.967	.033	333.90	31	10,351	185104	1.483	.931	.069
655	79.47	36	2,861	47427	-.822	.206	.206	178.81	16	2,861	18443	-1.346	.089	.089
656	43.92	108	4,743	253451	-.188	.426	.426	84.70	56	4,743	127565	-.511	.305	.305
657	124.68	93	11,595	551703	.388	.651	.349	241.56	48	11,595	297840	.844	.800	.200
658	98.78	58	5,729	160227	-.470	.319	.319	184.81	31	5,729	79238	-1.038	.150	.150
659	81.65	34	2,776	45173	-.432	.333	.333	173.50	16	2,776	21354	-.266	.395	.395
660	57.89	83	4,805	200992	.125	.550	.450	94.22	51	4,805	125723	.323	.627	.373
661	51.49	55	2,832	75271	-.430	.334	.334	83.29	34	2,832	48034	-.023	.491	.491
662	78.43	70	5,490	209983	1.345	.911	.089	171.56	32	5,490	90847	.335	.631	.369
663	183.27	178	32,622	3034039	1.040	.851	.149	418.23	78	32,622	1263437	-.106	.458	.458
664	90.23	411	37,084	7476123	-.667	.253	.253	188.24	197	37,084	3565217	-.583	.280	.280
665	206.88	91	18,826	872066	.299	.617	.383	470.65	40	18,826	337707	-1.129	.129	.129
666	324.75	4	1,299	2591	-.009	.496	.496	433.00	3	1,299	2362	.637	.738	.262
667	113.13	121	13,689	754033	-1.706	.044	.044	220.79	62	13,689	348840	-2.427	.008	.008
668	172.47	45	7,761	151455	-1.542	.062	.062	298.50	26	7,761	81805	-1.671	.047	.047
669	67.57	84	5,676	241379	0.199	.579	.421	172.00	33	5,676	103026	0.996	.840	.160
670	132.58	64	8,485	259813	-.597	.275	.275	249.56	34	8,485	135608	-.605	.273	.273
671	61.03	308	18,797	3134779	2.521	.994	.006	114.62	164	18,797	1658790	1.690	.954	.046
672	113.79	170	19,344	1666502	.306	.620	.380	233.06	83	19,344	788638	-.278	.391	.391

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
673	119.15	46	5,481	127088	.096	.538	.462	249.14	22	5,481	61519	.166	.566	.434
674	74.50	24	1,788	19765	-.669	.252	.252	111.75	16	1,788	13526	-.377	.353	.353
675	85.45	31	2,649	38215	-.668	.252	.252	139.42	19	2,649	22912	-.676	.250	.250
676	63.92	52	3,324	77514	-1.288	.099	.099	138.50	24	3,324	32933	-1.480	.070	.070
677	190.23	108	20,545	1116512	.115	.546	.454	321.02	64	20,545	731139	1.553	.940	.060
678	157.00	1	157	51	-.607	.272	.272	--	--	--	--	--	--	--
679	202.05	112	22,630	1107434	-2.312	.010	.010	411.46	55	22,630	557542	-1.337	.091	.091
680	75.17	58	4,360	134624	.854	.803	.197	145.33	30	4,360	68243	.412	.660	.340
681	52.38	16	838	6065	-.660	.255	.255	93.11	9	838	3116	-.903	.183	.183
682	89.33	57	5,092	144870	-.023	.491	.491	181.86	28	5,092	64208	-.910	.181	.181
683	60.09	203	12,199	1273135	.696	.757	.243	115.09	106	12,199	668884	.616	.731	.269
684	67.78	229	15,522	1864105	1.281	.900	.100	136.16	114	15,522	884905	.003	.501	.499
685	39.98	881	35,218	15843391	1.093	.863	.137	66.45	530	35,218	9584355	1.075	.859	.141
686	88.59	66	5,847	230424	2.733	.997	.003	167.06	35	5,847	112615	1.031	.849	.151
687	73.71	21	1,548	14516	-.849	.198	.198	309.60	5	1,548	4108	.238	.594	.406
688	46.74	96	4,487	215636	.021	.508	.492	77.36	58	4,487	128301	-.185	.427	.427
689	67.03	88	5,899	279037	1.220	.889	.111	111.30	53	5,899	166004	.781	.783	.218
690	49.71	252	12,527	1591511	.228	.590	.410	92.11	136	12,527	849535	-.055	.478	.478
691	43.00	426	18,319	4250130	3.190	.999	.001	76.65	239	18,319	2309268	1.470	.929	.071
692	73.98	254	18,792	2749215	4.194	1.000	0	147.97	127	18,792	1401842	3.411	1.000	0
693	158.37	121	19,163	1229790	1.157	.876	.124	407.72	47	19,163	463399	.345	.635	.365
694	66.98	109	7,301	384560	-.607	.272	.272	135.20	54	7,301	174130	-1.485	.069	.069
695	201.96	67	13,531	441384	-.372	.355	.355	563.79	24	13,531	178693	.853	.803	.197
696	194.27	66	12,822	370823	-1.739	.041	.041	457.93	28	12,822	128974	-2.580	.005	.005
697	47.08	501	23,585	6077525	1.112	.867	.133	88.00	268	23,585	3301155	1.263	.897	.103
698	104.53	359	37,526	6867341	.640	.739	.261	207.33	181	37,526	3279140	-.803	.211	.211
699	93.12	17	1,583	13505	.026	.511	.489	175.89	9	1,583	7610	.355	.639	.361
700	70.98	277	19,662	2821583	1.042	.851	.149	125.24	157	19,662	1502617	-.574	.283	.283
701	61.83	29	1,793	27253	.450	.674	.326	94.37	19	1,793	19174	.949	.829	.171
702	134.67	9	1,212	4472	-.936	.175	.175	242.40	5	1,212	2052	-1.250	.106	.106
703	71.55	66	4,722	174448	1.682	.954	.046	131.17	36	4,722	100280	1.869	.969	.031
704	141.33	3	424	381	-1.203	.115	.115	424.00	1	424	24	-1.536	.062	.062
705	59.74	215	12,843	1449848	1.273	.899	.101	112.66	114	12,843	791284	1.496	.933	.067
706	49.63	723	35,879	13672157	2.520	.994	.006	101.07	355	35,879	6759781	2.005	.978	.022
707	41.19	226	9,308	1169208	2.907	.998	.002	87.81	106	9,308	530592	1.347	.911	.089
708	183.67	88	16,163	764712	1.223	.889	.111	384.83	42	16,163	348974	.316	.624	.376
709	--	--	--	--	--	--	--	--	--	--	--	--	--	--
710	149.75	8	1,198	3193	-1.635	.051	.051	199.67	6	1,198	2460	-1.339	.090	.090
711	134.73	110	14,820	878173	1.406	.920	.080	269.46	55	14,820	454662	1.485	.931	.069
712	89.40	15	1,341	8369	-1.126	.130	.130	268.20	5	1,341	2226	-1.301	.097	.097
713	57.69	176	10,153	938271	1.152	.875	.125	125.35	81	10,153	433268	.837	.799	.201
714	365.00	1	365	17	-1.571	.058	.058	--	--	--	--	--	--	--
715	146.00	10	1,460	7551	.188	.575	.425	730.00	2	1,460	1412	-.081	.468	.468
716	263.17	24	6,316	78646	.320	.625	.375	574.18	11	6,316	41358	1.095	.863	.137
717	211.11	157	33,144	2523987	-0.649	.258	.258	466.82	71	33,144	1109051	-0.838	0.201	.201
718	38.46	179	6,885	580798	-1.332	.092	.092	79.14	87	6,885	292995	-.351	.363	.363
719	38.62	113	4,364	244036	-.189	.425	.425	68.19	64	4,364	135068	-.454	.325	.325
720	49.08	677	33,230	10770761	-1.914	.028	.028	92.31	360	33,230	5694619	-1.576	.058	.058

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
721	74.40	490	36,455	8784663	-.630	.264	.264	135.52	269	36,455	4972061	.399	.655	.345
722	73.36	22	1,614	17058	-.319	.375	.375	134.50	12	1,614	8561	-.696	.243	.243
723	35.19	64	2,252	79111	1.355	.912	.088	56.30	40	2,252	49468	1.077	.859	.141
724	90.60	101	9,151	478078	.601	.726	.274	166.38	55	9,151	256813	.263	.604	.396
725	91.62	100	9,162	450745	-.278	.390	.390	190.88	48	9,162	225725	.319	.625	.375
726	77.67	15	1,165	7842	-.688	.246	.246	116.50	10	1,165	5417	-.384	.351	.351
727	50.77	498	25,281	6213964	-.497	.309	.309	96.13	263	25,281	3163833	-1.357	.087	.087
728	44.04	234	10,305	1328494	2.699	.997	.003	82.44	125	10,305	701150	1.716	.957	.043
729	64.53	100	6,453	340622	.965	.833	.167	115.23	56	6,453	201737	1.510	.935	.066
730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
731	62.52	100	6,252	286853	-1.427	.077	.077	109.68	57	6,252	162232	-1.171	.121	.121
732	119.63	57	6,819	200724	.430	.666	.334	235.14	29	6,819	108631	.920	.821	.179
733	344.00	1	344	307	1.360	.913	.087	--	--	--	--	--	--	--
734	311.58	74	23,057	886033	.575	.717	.283	922.28	25	23,057	286857	-.041	.484	.484
735	197.90	10	1,979	8769	-.623	.267	.267	659.67	3	1,979	4269	1.314	.906	.094
736	103.80	78	8,096	334065	.888	.813	.187	238.12	34	8,096	171691	2.499	.994	.006
737	1323.50	2	2,647	3632	.912	.819	.181	2647.00	1	2,647	2018	.909	.818	.182
738	325.75	44	14,333	322063	.246	.597	.403	955.53	15	14,333	136573	1.814	.965	.035
739	383.62	13	4,987	29935	-.478	.316	.316	1662.33	3	4,987	4988	-1.000	.159	.159
740	--	--	--	--	--	--	--	--	--	--	--	--	--	--
741	142.00	1	142	33	-.927	.177	.177	--	--	--	--	--	--	--
742	65.19	406	26,466	5471680	.644	.740	.260	117.11	226	26,466	3065312	.650	.742	.258
743	47.24	707	33,395	12543690	2.881	.998	.002	92.76	360	33,395	6245793	1.283	.900	.100
744	126.66	50	6,333	146779	-.893	.186	.186	226.18	28	6,333	75037	-1.408	.080	.080
745	78.54	114	8,954	541905	1.142	.873	.127	172.19	52	8,954	266313	1.798	.964	.036
746	100.75	204	20,552	2184463	1.040	.851	.149	228.36	90	20,552	1000908	1.352	.912	.088
747	147.14	133	19,569	1342364	.630	.736	.265	305.77	64	19,569	664013	.837	.798	.202
748	49.03	672	32,946	10484068	-2.376	.009	.009	79.39	415	32,946	6314049	-2.696	.004	.004
749	71.44	190	13,573	1129738	-2.957	.002	.002	122.28	111	13,573	626590	-3.070	.001	.001
750	43.61	426	18,579	4351067	3.557	1.000	0	84.07	221	18,579	2338096	3.576	1.000	0
751	56.09	136	7,628	517121	-.062	.475	.475	97.80	78	7,628	272603	-1.280	.100	.100
752	608.00	2	1,216	1498	.568	.715	.285	--	--	--	--	--	--	--
753	67.77	30	2,033	35264	1.484	.931	.069	184.82	11	2,033	13473	1.177	.880	.120
754	47.69	54	2,575	65859	-.671	.251	.251	85.83	30	2,575	32470	-1.512	.065	.065
755	123.56	174	21,499	1786737	-1.022	.153	.153	223.95	96	21,499	1000530	-.517	.303	.303
756	--	--	--	--	--	--	--	--	--	--	--	--	--	--
757	135.91	43	5,844	132012	.576	.717	.283	365.25	16	5,844	56557	1.453	.927	.073
758	57.55	562	32,344	9222459	.605	.727	.273	100.45	322	32,344	5219309	.071	.528	.472
759	112.35	137	15,392	1149207	1.824	.966	.034	236.80	65	15,392	541140	1.142	.873	.127
760	124.10	172	21,345	1968656	1.646	.950	.050	215.61	99	21,345	1100753	.721	.764	.236
761	119.74	113	13,531	698511	-1.589	.056	.056	198.99	68	13,531	430944	-.904	.183	.183
762	258.07	98	25,291	1202722	-.506	.307	.307	683.54	37	25,291	465646	-.050	.480	.480
763	84.57	14	1,184	8591	.237	.594	.406	98.67	12	1,184	7293	.160	.563	.437
764	68.30	480	32,783	7751277	-.563	.287	.287	142.54	230	32,783	3645865	-.865	.194	.194
765	62.22	196	12,195	1202791	0.156	.562	.438	110.86	110	12,195	719558	1.323	.907	.093
766	74.28	36	2,674	40683	-1.608	.054	.054	116.26	23	2,674	25063	-1.537	.062	.062
767	134.97	246	33,202	4013892	-.465	.321	.321	313.23	106	33,202	1949854	1.927	.973	.027
768	117.80	288	33,925	4862636	-.136	.446	.446	224.67	151	33,925	2412530	-1.237	.108	.108

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
769	105.90	20	2,118	24050	1.050	.853	.147	192.55	11	2,118	13299	.814	.792	.208
770	406.80	20	8,136	103060	2.066	.981	.019	625.85	13	8,136	64272	1.345	.911	.089
771	206.33	18	3,714	38179	1.045	.852	.148	619.00	6	3,714	11618	.181	.572	.428
772	61.00	3	183	333	.639	.739	.261	61.00	3	183	333	.639	.739	.261
773	86.17	6	517	1641	.246	.597	.403	129.25	4	517	852	-.610	.271	.271
774	100.55	307	30,870	4862391	.793	.786	.214	179.48	172	30,870	2751020	.823	.795	.205
775	76.00	4	304	669	.348	.636	.364	152.00	2	304	390	.693	.756	.244
776	65.56	107	7,015	397786	1.073	.858	.142	134.90	52	7,015	200556	1.244	.893	.107
777	60.11	114	6,852	404820	.675	.750	.250	116.14	59	6,852	211631	.625	.734	.266
778	295.42	33	9,749	129201	-1.958	.025	.025	609.31	16	9,749	50747	-2.420	.008	.008
779	132.29	121	16,007	1113508	2.854	.998	.002	275.98	58	16,007	498902	.986	.838	.162
780	59.48	581	34,558	10395427	1.482	.931	.069	111.48	310	34,558	5525010	.959	.831	.169
781	151.82	228	34,614	4001617	.369	.644	.356	323.50	107	34,614	1900104	.467	.680	.320
782	38.60	241	9,303	1190907	1.677	.953	.047	69.95	133	9,303	666436	1.543	.939	.061
783	162.22	9	1,460	7228	.520	.699	.301	365.00	4	1,460	3288	.437	.669	.331
784	196.71	24	4,721	52436	-.632	.264	.264	472.10	10	4,721	24329	.168	.567	.433
785	244.60	78	19,079	795829	1.064	.856	.144	545.11	35	19,079	310784	-.709	.239	.239
786	267.69	73	19,541	719600	.132	.552	.448	610.66	32	19,541	356893	1.386	.917	.083
787	62.42	97	6,055	272415	-1.235	.109	.109	85.28	71	6,055	197962	-1.154	.124	.124
788	47.41	34	1,612	28819	.522	.699	.301	100.75	16	1,612	13121	.121	.548	.452
789	50.27	166	8,344	680283	-.395	.346	.346	93.75	89	8,344	390822	.859	.805	.195
790	40.35	55	2,219	65613	.966	.833	.167	76.52	29	2,219	31771	-.117	.453	.453
791	73.66	64	4,714	168235	1.597	.945	.055	124.05	38	4,714	103544	1.666	.952	.048
792	64.29	7	450	1842	.777	.781	.219	75.00	6	450	1514	.515	.697	.303
793	49.44	388	19,181	3692616	-.261	.397	.397	104.25	184	19,181	1774690	.134	.553	.447
794	51.93	225	11,685	1367067	1.038	.850	.150	108.19	108	11,685	648468	.499	.691	.309
795	84.39	202	17,047	1895726	2.488	.994	.006	168.78	101	17,047	942311	1.647	.950	.050
796	168.55	31	5,225	82412	.170	.567	.433	307.35	17	5,225	37858	-1.054	.146	.146
797	127.05	224	28,459	3317838	1.061	.856	.144	210.81	135	28,459	2039020	1.237	.892	.108
798	115.67	6	694	1973	-.222	.412	.412	694.00	1	694	486	.694	.756	.244
799	130.79	70	9,155	307449	-.587	.279	.279	416.14	22	9,155	79744	-1.691	.045	.045
800	229.60	5	1,148	3488	.834	.798	.202	1148.00	1	1,148	1038	1.400	.919	.081
801	250.92	59	14,804	462808	.795	.787	.213	779.16	19	14,804	147994	.395	.654	.346
802	302.40	5	1,512	2675	-1.132	.129	.129	504.00	3	1,512	1238	-1.362	.087	.087
803	72.99	100	7,299	362071	-.137	.446	.446	165.89	44	7,299	162523	.139	.555	.445
804	136.20	5	681	673	-2.342	.010	.010	340.50	2	681	224	-1.644	.050	.050
805	102.62	112	11,493	649993	.182	.572	.428	191.55	60	11,493	298240	-1.811	.035	.035
806	49.60	346	17,161	3072696	1.127	.870	.130	104.01	165	17,161	1442881	.426	.665	.335
807	67.69	194	13,131	1365634	1.741	.959	.041	139.69	94	13,131	638737	.587	.721	.279
808	78.31	230	18,012	2059922	-.145	.442	.442	159.40	113	18,012	1057366	.718	.764	.236
809	196.19	94	18,442	809784	-1.104	.135	.135	409.82	45	18,442	423840	.249	.598	.402
810	201.63	102	20,566	1053792	.082	.533	.467	373.93	55	20,566	526880	-.879	.190	.190
811	48.53	152	7,376	593009	1.236	.892	.108	83.82	88	7,376	324754	.011	.504	.496
812	113.29	59	6,684	221678	1.653	.951	.049	257.08	26	6,684	109515	2.299	.989	.011
813	20.75	4	83	207	0.856	.804	.196	83.00	1	83	66	1.023	.847	.153
814	287.11	85	24,404	1072648	.546	.707	.293	677.89	36	24,404	459049	.468	.680	.320
815	47.10	645	30,377	10416012	2.781	.997	.003	98.95	307	30,377	5094391	2.809	.998	.002
816	47.86	270	12,922	1918599	2.841	.998	.002	91.65	141	12,922	1050139	3.141	.999	.001

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
817	76.79	81	6,220	235949	-.988	.162	.162	163.68	38	6,220	111713	-.584	.280	.280
818	69.59	285	19,833	2953122	1.313	.905	.095	135.84	146	19,833	1541242	1.351	.912	.088
819	246.68	117	28,862	1630463	-.643	.260	.260	627.44	46	28,862	630103	-.597	.275	.275
820	99.00	9	891	5452	1.869	.969	.031	148.50	6	891	3650	1.551	.940	.061
821	215.16	37	7,961	143382	-.279	.390	.390	468.29	17	7,961	62702	-.524	.300	.300
822	100.26	190	19,050	1849253	.521	.699	.301	216.48	88	19,050	909179	1.376	.916	.084
823	122.33	266	32,540	4338506	.070	.528	.472	225.97	144	32,540	2435791	.824	.795	.205
824	117.89	18	2,122	17527	-.605	.273	.273	303.14	7	2,122	6916	-.315	.376	.376
825	96.31	42	4,045	91746	.899	.816	.184	161.80	25	4,045	49918	-.110	.456	.456
826	48.10	551	26,503	7310775	.051	.520	.480	95.34	278	26,503	3716231	.253	.600	.400
827	48.10	217	10,437	1196663	1.448	.926	.074	89.21	117	10,437	664882	1.667	.952	.048
828	49.19	525	25,827	7088266	1.807	.965	.035	92.57	279	25,827	3614313	.092	.537	.463
829	37.51	144	5,401	386685	-.117	.453	.453	62.08	87	5,401	219391	-1.069	.143	.143
830	79.89	164	13,102	1105045	.633	.737	.263	140.88	93	13,102	620843	.318	.625	.375
831	65.94	215	14,176	1617842	1.565	.941	.059	119.13	119	14,176	939363	2.148	.984	.016
832	97.33	18	1,752	13966	-.840	.201	.201	159.27	11	1,752	8459	-.702	.242	.242
833	126.23	13	1,641	9830	-.490	.312	.312	410.25	4	1,641	1999	-1.354	.088	.088
834	164.24	25	4,106	57622	1.063	.856	.144	342.17	12	4,106	32997	2.036	.979	.021
835	40.86	454	18,549	4368436	1.383	.917	.083	70.00	265	18,549	2568675	1.273	.898	.102
836	95.54	79	7,548	315975	.921	.821	.179	132.42	57	7,548	223588	.515	.697	.303
837	42.20	283	11,942	1835641	2.515	.994	.006	76.06	157	11,942	984319	1.085	.861	.139
838	37.53	203	7,618	814192	1.307	.904	.096	69.89	109	7,618	444034	1.257	.896	.104
839	53.62	42	2,252	47150	-.034	.487	.487	102.36	22	2,252	22026	-.901	.184	.184
840	74.71	488	36,458	9590737	2.989	.999	.001	128.83	283	36,458	5503945	1.949	.974	.026
841	41.27	438	18,077	4281776	2.957	.998	.002	76.27	237	18,077	2386210	3.038	.999	.001
842	49.16	381	18,731	3780686	2.013	.978	.022	92.27	203	18,731	2061177	2.077	.981	.019
843	40.38	89	3,594	174573	1.496	.933	.067	102.69	35	3,594	71715	1.437	.925	.075
844	79.43	221	17,555	1913206	-.353	.362	.362	156.74	112	17,555	906360	-1.431	.076	.076
845	41.10	91	3,740	188858	1.815	.965	.035	69.26	54	3,740	115252	1.799	.964	.036
846	33.22	195	6,477	639047	.289	.614	.386	64.13	101	6,477	332835	.306	.620	.380
847	66.18	271	17,934	2332124	-1.149	.125	.125	129.02	139	17,934	1114146	-2.167	.015	.015
848	76.91	374	28,763	5762070	2.388	.992	.008	139.63	206	28,763	3297190	2.808	.998	.002
849	53.01	128	6,785	441696	.337	.632	.368	84.81	80	6,785	291297	1.136	.872	.128
850	159.00	9	1,431	6819	.306	.620	.380	477.00	3	1,431	2773	.876	.809	.191
851	91.25	4	365	1128	1.889	.971	.029	182.50	2	365	448	.557	.711	.289
852	45.70	10	457	2732	1.072	.858	.142	76.17	6	457	1459	.272	.607	.393
853	91.33	3	274	260	-1.102	.135	.135	137.00	2	274	156	-1.055	.146	.146
854	143.17	132	18,899	1312350	1.037	.850	.150	299.98	63	18,899	665388	1.618	.947	.053
855	62.58	89	5,570	272820	1.645	.950	.050	121.09	46	5,570	135231	.653	.743	.257
856	194.89	96	18,709	923491	.481	.685	.315	479.72	39	18,709	354343	-.311	.378	.378
857	100.00	91	9,100	436563	.898	.815	.185	206.82	44	9,100	222673	1.290	.901	.099
858	127.47	83	10,580	502101	2.265	.988	.012	293.89	36	10,580	204660	.776	.781	.219
859	130.10	72	9,367	343926	.293	.615	.385	323.00	29	9,367	136557	.051	.520	.480
860	304.25	4	1,217	2776	.487	.687	.313	1217.00	1	1,217	1177	1.618	.947	.053
861	111.12	130	14,445	891977	-0.988	.162	.162	225.70	64	14,445	382230	-2.398	.008	.008
862	48.61	157	7,632	596983	-.077	.469	.469	88.74	86	7,632	316044	-.594	.276	.276
863	71.00	6	426	1337	.196	.578	.422	213.00	2	426	579	.880	.810	.190
864	269.69	67	18,069	633405	.658	.745	.255	645.32	28	18,069	264812	.429	.666	.334

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
865	156.13	15	2,342	15976	-.607	.272	.272	390.33	6	2,342	6119	-.548	.292	.292
866	209.31	13	2,721	17132	-.196	.422	.422	340.13	8	2,721	8469	-1.087	.139	.139
867	89.83	177	15,899	1504875	1.602	.945	.055	160.60	99	15,899	886763	2.185	.986	.014
868	98.85	220	21,746	2515283	1.323	.907	.093	178.25	122	21,746	1398843	1.043	.852	.148
869	200.44	92	18,440	830606	-.345	.365	.365	439.05	42	18,440	348126	-1.134	.128	.128
870	43.75	36	1,575	31028	.982	.837	.163	105.00	15	1,575	14059	1.276	.899	.101
871	--	--	--	--	--	--	--	--	--	--	--	--	--	--
872	81.00	6	486	1100	-1.042	.149	.149	486.00	1	486	36	-1.476	.070	.070
873	34.77	675	23,470	8050994	.738	.770	.230	57.38	409	23,470	4805740	.045	.518	.482
874	29.97	191	5,724	548147	.066	.526	.474	47.70	120	5,724	350745	.404	.657	.343
875	44.09	11	485	2708	.087	.535	.465	97.00	5	485	1349	.436	.669	.331
876	--	--	--	--	--	--	--	--	--	--	--	--	--	--
877	143.33	3	430	861	1.005	.842	.158	430.00	1	430	237	.177	.570	.430
878	48.65	322	15,666	2474150	-.592	.277	.277	97.30	161	15,666	1191248	-1.218	.112	.112
879	139.05	133	18,493	1222741	-.114	.454	.454	271.96	68	18,493	640897	.276	.609	.391
880	--	--	--	--	--	--	--	--	--	--	--	--	--	--
881	135.73	137	18,595	1343072	1.103	.865	.135	261.90	71	18,595	700790	.899	.816	.184
882	79.39	23	1,826	17828	-1.254	.105	.105	228.25	8	1,826	7702	.267	.605	.395
883	109.01	100	10,901	553167	.258	.602	.398	259.55	42	10,901	220358	-.420	.337	.337
884	148.16	92	13,631	626617	-.011	.496	.496	309.80	44	13,631	305369	.210	.583	.417
885	121.71	244	29,698	3922393	2.235	.987	.013	247.48	120	29,698	1938265	1.665	.952	.048
886	48.78	438	21,366	4816798	1.066	.857	.143	80.63	265	21,366	2997938	1.663	.952	.048
887	56.36	445	25,079	6019512	2.877	.998	.002	115.04	218	25,079	2978791	2.294	.989	.011
888	78.87	240	18,929	2403373	1.558	.940	.060	153.89	123	18,929	1254593	1.493	.932	.068
889	165.37	83	13,726	636979	1.866	.969	.031	415.94	33	13,726	254610	1.236	.892	.108
890	172.17	76	13,085	455008	-1.282	.100	.100	436.17	30	13,085	201836	.269	.606	.394
891	151.19	120	18,143	1063785	-.432	.333	.333	266.81	68	18,143	636593	.457	.676	.324
892	129.04	56	7,226	200242	-.134	.447	.447	225.81	32	7,226	121530	.501	.692	.308
893	159.40	169	26,939	2034365	-2.394	.008	.008	324.57	83	26,939	997351	-1.703	.044	.044
894	89.38	63	5,631	173772	-.279	.390	.390	187.70	30	5,631	80546	-.440	.330	.330
895	397.00	43	17,071	414046	1.455	.927	.073	1004.18	17	17,071	184787	1.953	.975	.025
896	50.86	703	35,755	13131934	2.061	.980	.020	92.87	385	35,755	7393520	2.522	.994	.006
897	61.33	3	184	379	1.120	.869	.132	92.00	2	184	323	1.850	.968	.032
898	34.60	35	1,211	24532	1.615	.947	.053	67.28	18	1,211	14155	2.195	.986	.014
899	58.00	1	58	20	-.538	.296	.296	58.00	1	58	20	-.538	.296	.296
900	66.57	23	1,531	15153	-1.158	.124	.124	127.58	12	1,531	10345	.757	.775	.225
901	100.15	340	34,050	6177297	2.145	.984	.016	183.07	186	34,050	3337238	1.273	.898	.102
902	93.67	12	1,124	7316	.509	.695	.305	187.33	6	1,124	2393	-1.232	.109	.109
903	459.56	55	25,276	795453	1.855	.968	.032	1011.04	25	25,276	362446	1.275	.899	.101
904	--	--	--	--	--	--	--	--	--	--	--	--	--	--
905	302.29	55	16,626	476401	.539	.705	.295	722.87	23	16,626	219952	1.249	.894	.106
906	169.15	187	31,631	2913617	-.351	.363	.363	385.74	82	31,631	1318690	.264	.604	.396
907	--	--	--	--	--	--	--	--	--	--	--	--	--	--
908	195.86	101	19,782	1068168	1.205	.886	.114	460.05	43	19,782	420467	-.129	.448	.448
909	182.44	46	8,392	218950	1.578	.943	.057	466.22	18	8,392	92697	1.671	.953	.047
910	1012.14	7	7,085	29373	.846	.801	.199	2361.67	3	7,085	9902	-.205	.419	.419
911	2097.00	1	2,097	698	-.579	.281	.281	--	--	--	--	--	--	--
912	37.75	8	302	1092	-.470	.319	.319	75.50	4	302	590	-.080	.468	.468

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
913	80.28	80	6,422	294049	2.242	.988	.012	133.79	48	6,422	180045	2.018	.978	.022
914	78.74	46	3,622	89572	.884	.811	.189	190.63	19	3,622	34582	.038	.515	.485
915	52.17	645	33,649	11457251	2.454	.993	.007	96.97	347	33,649	6278364	2.433	.993	.007
916	52.85	362	19,131	3934158	4.487	1.000	0	101.76	188	19,131	2067897	3.560	1.000	0
917	256.97	30	7,709	93192	-1.841	.033	.033	513.93	15	7,709	40661	-1.991	.023	.023
918	37.21	238	8,856	1117683	1.618	.947	.053	68.12	130	8,856	618581	1.473	.930	.070
919	100.01	98	9,801	470645	-.343	.366	.366	227.93	43	9,801	225409	.792	.786	.214
920	49.24	388	19,104	3846467	1.292	.902	.098	93.65	204	19,104	2064758	1.475	.930	.070
921	85.65	51	4,368	132303	2.323	.990	.010	208.00	21	4,368	53539	1.328	.908	.092
922	187.97	121	22,744	1374733	-.018	.493	.493	406.14	56	22,744	626580	-.209	.417	.417
923	173.20	193	33,427	3123693	-.761	.223	.223	464.26	72	33,427	1085257	-1.443	.075	.075
924	639.00	1	639	399	.431	.667	.333	639.00	1	639	399	.431	.667	.333
925	300.36	14	4,205	36390	1.531	.937	.063	600.71	7	4,205	16886	.675	.750	.250
926	69.50	8	556	2953	1.606	.946	.054	111.20	5	556	1864	1.321	.907	.093
927	68.20	65	4,433	140194	-.376	.354	.354	105.55	42	4,433	88857	-.511	.305	.305
928	195.46	39	7,623	157177	.621	.733	.267	476.44	16	7,623	62705	.196	.578	.422
929	48.66	323	15,716	2483045	-.676	.250	.250	75.56	208	15,716	1594695	-.608	.272	.272
930	162.64	56	9,108	276150	1.074	.858	.142	350.31	26	9,108	128193	.730	.767	.233
931	105.28	46	4,843	131644	2.136	.984	.016	193.72	25	4,843	85385	3.555	1.000	0
932	95.74	34	3,255	56135	.146	.558	.442	203.44	16	3,255	27145	.294	.616	.384
933	--	--	--	--	--	--	--	--	--	--	--	--	--	--
934	62.33	89	5,547	255617	.581	.719	.281	95.64	58	5,547	168448	.622	.733	.267
935	37.66	523	19,694	5502216	2.709	.997	.003	66.09	298	19,694	3252145	3.238	.999	.001
936	35.62	267	9,510	1276702	.159	.563	.437	58.70	162	9,510	767861	-.070	.472	.472
937	37.48	238	8,920	1001195	-1.518	.065	.065	61.10	146	8,920	635068	-.517	.303	.303
938	94.09	269	25,311	3626810	1.857	.968	.032	164.36	154	25,311	2083847	1.488	.932	.068
939	54.28	398	21,605	4436266	1.100	.864	.136	89.65	241	21,605	2823056	2.269	.988	.012
940	98.14	162	15,898	1344085	.965	.833	.167	165.60	96	15,898	728394	-.772	.220	.220
941	62.08	265	16,452	2049099	-1.692	.045	.045	104.13	158	16,452	1219767	-1.339	.090	.090
942	116.20	113	13,131	720357	-.535	.296	.296	226.40	58	13,131	357573	-.805	.211	.211
943	151.14	216	32,647	3478218	-.344	.365	.365	302.29	108	32,647	1726998	-.367	.357	.357
944	52.66	109	5,740	311764	-.062	.475	.475	104.36	55	5,740	128469	-2.391	.008	.008
945	89.76	238	21,362	2525291	-.177	.430	.430	169.54	126	21,362	1366356	.297	.617	.383
946	58.45	168	9,820	849772	.678	.751	.249	116.91	84	9,820	468890	2.173	.985	.015
947	83.04	166	13,784	1255926	2.182	.985	.015	149.83	92	13,784	694569	1.585	.944	.056
948	135.11	9	1,216	6404	.885	.812	.188	608.00	2	1,216	1646	.866	.807	.193
949	646.56	41	26,509	631572	1.799	.964	.036	1767.27	15	26,509	216947	.612	.730	.270
950	--	--	--	--	--	--	--	--	--	--	--	--	--	--
951	52.79	235	12,405	1460535	.054	.521	.479	106.94	116	12,405	724486	.130	.552	.448
952	61.61	80	4,929	211349	1.115	.868	.133	140.83	35	4,929	103745	2.077	.981	.019
953	87.66	160	14,026	1118686	-.066	.474	.474	157.60	89	14,026	647887	.621	.733	.267
954	63.51	109	6,922	408170	1.482	.931	.069	115.37	60	6,922	218426	.696	.757	.243
955	109.09	303	33,055	5061479	.323	.627	.373	254.27	130	33,055	2066218	-.757	.225	.225
956	104.31	333	34,736	5605167	-.975	.165	.165	221.25	157	34,736	2792503	.523	.700	.300
957	49.80	86	4,283	177427	-0.588	.278	.278	79.32	54	4,283	111903	-0.411	.340	.340
958	169.50	74	12,543	460895	-.103	.459	.459	404.61	31	12,543	172127	-1.106	.135	.135
959	52.96	261	13,823	1716364	-1.358	.087	.087	99.45	139	13,823	966690	.127	.551	.449
960	43.39	18	781	8428	1.463	.928	.072	111.57	7	781	3558	1.382	.917	.083

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
961	81.34	247	20,090	2487625	.071	.529	.472	158.19	127	20,090	1308513	.502	.692	.308
962	719.00	1	719	320	-.190	.424	.424	--	--	--	--	--	--	--
963	126.78	9	1,141	4182	-.964	.168	.168	190.17	6	1,141	2771	-.808	.210	.210
964	100.75	20	2,015	20884	.282	.611	.389	201.50	10	2,015	10268	.105	.542	.458
965	99.94	102	10,194	475533	-1.493	.068	.068	208.04	49	10,194	219338	-1.477	.070	.070
966	240.24	37	8,889	171664	.462	.678	.322	444.45	20	8,889	88316	-.050	.480	.480
967	202.16	25	5,054	63001	-.024	.490	.490	722.00	7	5,054	16036	-.428	.334	.334
968	56.54	28	1,583	23050	.367	.643	.357	121.77	13	1,583	9389	-.547	.292	.292
969	71.59	17	1,217	12253	1.318	.906	.094	173.86	7	1,217	5263	1.080	.860	.140
970	92.23	355	32,743	6050733	1.341	.910	.090	170.54	192	32,743	3342256	1.519	.936	.064
971	57.40	30	1,722	26704	.321	.626	.374	107.63	16	1,722	13818	.021	.508	.492
972	84.98	218	18,526	2160333	1.786	.963	.037	187.13	99	18,526	942048	.470	.681	.319
973	325.68	60	19,541	599352	.300	.618	.382	630.36	31	19,541	331191	.901	.816	.184
974	67.64	165	11,161	922315	.037	.515	.485	139.51	80	11,161	436565	-.343	.366	.366
975	59.07	210	12,404	1264092	-.739	.230	.230	121.61	102	12,404	580818	-1.432	.076	.076
976	63.43	14	888	6814	.624	.733	.267	111.00	8	888	4575	1.411	.921	.079
977	--	--	--	--	--	--	--	--	--	--	--	--	--	--
978	59.88	223	13,354	1632530	2.494	.994	.006	103.52	129	13,354	970769	2.500	.994	.006
979	60.16	95	5,715	290180	1.164	.878	.122	112.06	51	5,715	162077	1.387	.917	.083
980	51.04	70	3,573	123631	-.165	.434	.434	87.15	41	3,573	72876	-.056	.478	.478
981	--	--	--	--	--	--	--	--	--	--	--	--	--	--
982	77.20	5	386	670	-1.184	.118	.118	128.67	3	386	585	.031	.512	.488
983	52.28	200	10,455	1092960	1.112	.867	.133	111.22	94	10,455	482489	-.304	.381	.381
984	90.62	39	3,534	69010	.015	.506	.494	271.85	13	3,534	23683	.194	.577	.423
985	80.80	15	1,212	7866	-.903	.183	.183	173.14	7	1,212	5180	1.013	.844	.156
986	86.63	40	3,465	88433	3.024	.999	.001	123.75	28	3,465	60211	2.211	.986	.014
987	93.64	240	22,473	2532442	-1.635	.051	.051	161.68	139	22,473	1468250	-1.224	.111	.111
988	65.17	36	2,346	49470	1.782	.963	.037	156.40	15	2,346	21240	1.390	.918	.082
989	47.67	339	16,159	2788752	.580	.719	.281	95.05	170	16,159	1428994	.912	.819	.181
990	55.97	333	18,639	3356862	2.582	.995	.005	109.00	171	18,639	1722772	1.835	.967	.033
991	86.39	215	18,574	2190643	2.467	.993	.007	182.10	102	18,574	1096633	2.758	.997	.003
992	49.36	405	19,989	4244976	1.698	.955	.045	100.45	199	19,989	2102553	1.396	.919	.081
993	152.11	9	1,369	5715	-.376	.354	.354	342.25	4	1,369	3138	.506	.694	.306
994	98.05	63	6,177	227113	2.299	.989	.011	199.26	31	6,177	112233	1.661	.952	.048
995	72.24	228	16,470	1893429	.221	.587	.413	143.22	115	16,470	956332	.183	.572	.428
996	131.74	219	28,850	3472742	2.545	.995	.005	216.92	133	28,850	2108687	1.980	.976	.024
997	75.91	363	27,555	5430150	2.830	.998	.002	135.74	203	27,555	3109454	2.758	.997	.003
998	87.75	243	21,324	2772917	1.897	.971	.029	148.08	144	21324	1630983	1.295	.902	.098
999	68.85	53	3,649	80355	-2.131	.017	.017	125.83	29	3,649	38958	-2.460	.007	.007
1000	54.59	165	9,008	760690	.525	.700	.300	100.09	90	9,008	422775	.706	.760	.240
1001	65.71	300	19,714	3187246	2.335	.990	.010	118.05	167	19,714	1821586	2.386	.991	.009
1002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1003	141.36	144	20,356	1536538	1.006	.843	.157	278.85	73	20,356	791763	.971	.834	.166
1004	69.33	294	20,384	2960151	-.360	.360	.360	122.80	166	20,384	1606779	-1.122	.131	.131
1005	111.76	191	21,346	1858496	-2.114	.017	.017	260.32	82	21,346	819299	-1.002	.158	.158
1006	57.76	49	2,830	57919	-1.996	.023	.023	113.20	25	2,830	29704	-1.388	.083	.083
1007	66.10	128	8,461	510275	-1.130	.129	.129	119.17	71	8,461	284670	-.763	.223	.223
1008	67.45	206	13,894	1363847	-1.168	.121	.121	115.78	120	13,894	825678	-.181	.428	.428

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1009	49.71	252	12,527	1531234	-.822	.206	.206	86.39	145	12,527	875090	-.761	.224	.224
1010	59.53	263	15,655	1961212	-1.329	.092	.092	101.00	155	15,655	1128494	-1.507	.066	.066
1011	105.72	193	20,404	2137592	2.061	.980	.020	175.90	116	20,404	1285622	1.611	.946	.054
1012	130.13	23	2,993	41098	1.612	.946	.054	299.30	10	2,993	15737	.283	.611	.389
1013	121.39	90	10,925	427310	-2.150	.016	.016	206.13	53	10,925	257946	-1.375	.085	.085
1014	63.30	37	2,342	43996	.163	.565	.435	123.26	19	2,342	22965	.243	.596	.404
1015	427.00	1	427	208	-.045	.482	.482	427.00	1	427	208	-.045	.482	.482
1016	58.59	342	20,037	3368155	-.544	.293	.293	103.82	193	20,037	1919615	-.174	.431	.431
1017	69.15	27	1,867	28961	1.341	.910	.090	124.47	15	1,867	14559	.267	.605	.395
1018	35.09	69	2,421	81191	-.402	.344	.344	71.21	34	2,421	36150	-1.229	.110	.110
1019	149.30	54	8,062	225279	.445	.672	.328	298.59	27	8,062	115545	.555	.710	.290
1020	147.20	40	5,888	128845	1.031	.849	.151	392.53	15	5,888	61599	2.649	.996	.004
1021	122.49	198	24,253	2450383	.501	.692	.308	247.48	98	24,253	1192801	.064	.525	.475
1022	54.86	180	9,875	890715	.051	.521	.479	101.80	97	9,875	503479	.874	.809	.191
1023	54.80	123	6,740	387020	-1.274	.101	.101	140.42	48	6,740	124305	-2.779	.003	.003
1024	63.39	185	11,727	1095860	.241	.595	.405	113.85	103	11,727	642501	1.122	.869	.131
1025	108.62	26	2,824	33535	-.764	.222	.222	256.73	11	2,824	18277	1.015	.845	.155
1026	63.71	300	19,114	2997039	1.360	.913	.087	141.59	135	19,114	1392144	1.590	.944	.056
1027	92.58	73	6,758	244241	-.146	.442	.442	160.91	42	6,758	137257	-.369	.356	.356
1028	128.51	213	27,372	3192877	2.409	.992	.008	248.84	110	27,372	1621715	1.403	.920	.080
1029	80.98	192	15,548	1536898	.712	.762	.238	153.94	101	15,548	846084	1.350	.912	.088
1030	68.03	180	12,246	1179896	1.639	.949	.051	122.46	100	12,246	703888	2.591	.995	.005
1031	253.80	10	2,538	12295	-.171	.432	.432	846.00	3	2,538	3633	-.137	.445	.445
1032	79.40	459	36,443	8562445	.882	.811	.189	148.75	245	36,443	4574738	.671	.749	.251
1033	43.30	495	21,434	5543561	1.734	.959	.042	90.06	238	21,434	2685782	1.416	.922	.078
1034	127.29	17	2,164	18099	-.115	.454	.454	240.44	9	2,164	10059	.171	.568	.432
1035	94.96	356	33,805	6040171	.124	.550	.450	185.74	182	33,805	2947364	-.979	.164	.164
1036	20.62	26	536	7314	.439	.669	.331	31.53	17	536	4631	.118	.547	.453
1037	38.73	11	426	1480	-2.116	.017	.017	60.86	7	426	876	-1.890	.029	.029
1038	68.06	51	3,471	85237	-.458	.324	.324	115.70	30	3,471	49104	-.540	.295	.295
1039	1750.50	4	7,002	23680	2.394	.992	.008	3501.00	2	7,002	13319	2.210	.986	.014
1040	528.54	13	6,871	50756	.852	.803	.197	1145.17	6	6,871	29947	1.921	.973	.027
1041	1166.67	3	3,500	6106	.489	.688	.312	3500.00	1	3,500	2269	.514	.696	.304
1042	32.84	378	12,414	2416697	1.011	.844	.156	64.32	193	12,414	1191552	-.129	.449	.449
1043	157.00	3	471	148	-2.372	.009	.009	--	--	--	--	--	--	--
1044	132.07	62	8,188	251891	-.104	.459	.459	292.43	28	8,188	111931	-.216	.414	.414
1045	176.98	113	19,999	1254300	2.026	.979	.021	363.62	55	19,999	568911	.442	.671	.329
1046	89.79	19	1,706	18873	1.242	.893	.107	121.86	14	1,706	14941	1.628	.948	.052
1047	84.57	239	20,211	2580551	1.833	.967	.033	144.36	140	20,211	1502649	1.273	.898	.102
1048	96.08	125	12,010	736790	-.357	.361	.361	190.64	63	12,010	373534	-.174	.431	.431
1049	73.09	67	4,897	163513	-.046	.481	.481	144.03	34	4,897	82007	-.151	.440	.440
1050	38.23	315	12,043	2033703	2.219	.987	.013	72.99	165	12,043	1066098	1.625	.948	.052
1051	85.89	208	17,865	1867861	.133	.553	.447	147.65	121	17,865	1074304	-.115	.454	.454
1052	80.44	9	724	2712	-.871	.192	.192	144.80	5	724	1286	-1.121	.131	.131
1053	31.64	33	1,044	17373	0.085	.534	.466	61.41	17	1,044	7576	-1.045	.148	.148
1054	61.00	1	61	21	-.540	.295	.295	--	--	--	--	--	--	--
1055	42.87	78	3,344	134190	.443	.671	.329	85.74	39	3,344	68115	.482	.685	.315
1056	140.13	15	2,102	17216	.617	.731	.269	191.09	11	2,102	11880	.159	.563	.437

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1057	127.00	4	508	970	-.157	.438	.438	508.00	1	508	29	-1.534	.063	.063
1058	70.78	498	35,247	9001749	.992	.839	.161	133.01	265	35,247	4676164	.036	.514	.486
1059	119.17	6	715	782	-2.696	.004	.004	143.00	5	715	753	-2.242	.013	.013
1060	95.41	254	24,233	3236740	1.428	.923	.077	193.86	125	24,233	1553247	.495	.690	.310
1061	82.50	8	660	2378	-.486	.313	.313	220.00	3	660	873	-.355	.361	.361
1062	115.56	18	2,080	15544	-1.247	.106	.106	346.67	6	2,080	4452	-1.216	.112	.112
1063	271.24	88	23,869	1135563	1.320	.907	.093	596.73	40	23,869	532251	1.259	.896	.104
1064	413.00	3	1,239	1752	-.172	.432	.432	1239.00	1	1,239	469	-.421	.337	.337
1065	86.71	70	6,070	216451	.273	.608	.392	195.81	31	6,070	93547	-.055	.478	.478
1066	78.82	141	11,113	788616	.135	.554	.446	148.17	75	11,113	479448	2.257	.988	.012
1067	61.13	15	917	8299	1.387	.917	.083	131.00	7	917	3822	.875	.809	.191
1068	79.56	9	716	2791	-.695	.244	.244	238.67	3	716	459	-1.718	.043	.043
1069	106.24	51	5,418	148077	.888	.813	.187	216.72	25	5,418	76952	1.180	.881	.119
1070	82.49	427	35,225	7241354	-1.329	.092	.092	142.61	247	35,225	4180575	-1.062	.144	.144
1071	60.78	323	19,631	3409304	2.346	.991	.010	116.16	169	19,631	1731489	.986	.838	.162
1072	75.82	22	1,668	16205	-.949	.171	.171	151.64	11	1,668	8240	-.585	.279	.279
1073	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1074	51.82	581	30,105	9081448	1.604	.946	.054	88.54	340	30,105	5206102	.551	.709	.291
1075	103.56	25	2,589	30828	-.411	.341	.341	258.90	10	2,589	14598	.699	.758	.242
1076	86.76	208	18,047	1979475	1.365	.914	.086	155.58	116	18,047	1079778	.589	.722	.278
1077	78.14	44	3,438	74735	-.137	.446	.446	137.52	25	3,438	41089	-.380	.352	.352
1078	205.32	134	27,513	1934838	.995	.840	.160	410.64	67	27,513	971878	.772	.780	.220
1079	107.53	291	31,290	4759680	1.343	.910	.090	211.42	148	31,290	2353586	.347	.636	.364
1080	69.14	7	484	2318	1.688	.954	.046	121.00	4	484	1146	.637	.738	.262
1081	136.10	156	21,232	1668294	.159	.563	.437	268.76	79	21,232	843101	.081	.532	.468
1082	131.68	104	13,695	760743	1.206	.886	.114	291.38	47	13,695	369920	1.774	.962	.038
1083	244.92	63	15,430	493460	.210	.583	.417	467.58	33	15,430	276450	.854	.803	.197
1084	48.68	25	1,217	15567	.202	.580	.420	71.59	17	1,217	9458	-.612	.270	.270
1085	59.57	610	36,335	11268122	.718	.763	.237	108.79	334	36,335	6014412	-.279	.390	.390
1086	120.21	42	5,049	92553	-1.427	.077	.077	280.50	18	5,049	41768	-.594	.276	.276
1087	501.79	28	14,050	192994	-.173	.431	.431	1405.00	10	14,050	62157	-.631	.264	.264
1088	34.65	65	2,252	79273	1.161	.877	.123	52.37	43	2,252	55300	1.614	.947	.053
1089	118.60	10	1,186	5808	-.113	.455	.455	296.50	4	1,186	1918	-.663	.254	.254
1090	104.95	97	10,180	508553	.512	.696	.304	248.29	41	10,180	224963	.865	.806	.194
1091	169.83	116	19,700	1191423	.797	.787	.213	419.15	47	19,700	493082	.773	.780	.220
1092	24.60	5	123	135	-2.173	.015	.015	--	--	--	--	--	--	--
1093	46.18	103	4,757	239521	-.392	.348	.348	97.08	49	4,757	100290	-1.691	.045	.045
1094	64.84	398	25,807	5544066	2.748	.997	.003	107.08	241	25,807	3408715	2.585	.995	.005
1095	61.81	32	1,978	28691	-.916	.180	.180	109.89	18	1,978	18839	.428	.666	.334
1096	156.59	122	19,104	1252153	1.425	.923	.077	382.08	50	19,104	517136	1.014	.845	.155
1097	63.85	298	19,028	3117552	2.978	.999	.001	136.89	139	19,028	1448153	1.941	.974	.026
1098	89.54	165	14,774	1172629	-.844	.199	.199	173.81	85	14,774	579272	-1.237	.108	.108
1099	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1100	94.00	30	2,820	40616	-.378	.353	.353	216.92	13	2,820	21094	.942	.827	.173
1101	62.39	468	29,198	7206874	2.054	.980	.020	121.15	241	29,198	3531100	0.097	.539	.461
1102	143.46	220	31,561	3561258	.663	.746	.254	281.80	112	31,561	1811742	.460	.677	.323
1103	697.73	15	10,466	84462	.510	.695	.305	1744.33	6	10,466	27987	-.461	.322	.322
1104	67.35	116	7,812	462838	.401	.656	.344	130.20	60	7,812	247199	.735	.769	.231

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1105	65.56	202	13,243	1333156	-.081	.468	.468	128.57	103	13,243	663544	-.476	.317	.317
1106	123.58	182	22,491	2039179	-.086	.466	.466	234.28	96	22,491	1132891	.838	.799	.201
1107	123.85	13	1,610	7847	-1.562	.059	.059	402.50	4	1,610	2348	-.938	.174	.174
1108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1109	112.68	31	3,493	53956	-.033	.487	.487	232.87	15	3,493	21872	-1.108	.134	.134
1110	71.63	49	3,510	79582	-.904	.183	.183	117.00	30	3,510	49646	-.541	.294	.294
1111	160.86	14	2,252	9832	-2.439	.007	.007	563.00	4	2,252	2601	-1.464	.072	.072
1112	44.84	268	12,016	1701706	1.612	.947	.053	84.03	143	12,016	910721	1.243	.893	.107
1113	187.89	157	29,498	2235229	-.753	.226	.226	404.08	73	29,498	1000734	-1.044	.148	.148
1114	87.22	139	12,124	830060	-.304	.380	.380	151.55	80	12,124	496832	.379	.648	.352
1115	157.11	37	5,813	114369	.669	.748	.252	363.31	16	5,813	37527	-1.337	.091	.091
1116	48.43	30	1,453	21242	-.241	.405	.405	90.81	16	1,453	11405	-.131	.448	.448
1117	65.53	240	15,727	1832354	-.780	.218	.218	125.82	125	15,727	969428	-.266	.395	.395
1118	80.00	10	800	3818	-.249	.402	.402	160.00	5	800	1688	-.604	.273	.273
1119	80.70	94	7,586	336595	-.940	.174	.174	140.48	54	7,586	211374	.407	.658	.342
1120	154.82	158	24,462	1911338	-.238	.406	.406	321.87	76	24,462	861023	-1.113	.133	.133
1121	109.91	270	29,675	3734837	-1.927	.027	.027	211.96	140	29,675	1934999	-1.403	.080	.080
1122	92.82	11	1,021	4911	-.721	.236	.236	170.17	6	1,021	3225	.224	.589	.411
1123	96.22	237	22,804	2696196	-.060	.476	.476	190.03	120	22,804	1369054	.011	.505	.495
1124	97.93	14	1,371	8220	-.930	.176	.176	171.38	8	1,371	4427	-.944	.173	.173
1125	85.46	33	2,820	45952	-.124	.451	.451	165.88	17	2,820	20660	-.986	.162	.162
1126	120.72	32	3,863	60945	-.137	.446	.446	227.24	17	3,863	31299	-.334	.369	.369
1127	142.00	188	26,696	2344011	-1.565	.059	.059	287.05	93	26,696	1082879	-2.133	.016	.016
1128	132.07	73	9,641	334600	-.727	.234	.234	292.15	33	9,641	154939	-.259	.398	.398
1129	257.00	14	3,598	24978	-.054	.479	.479	449.75	8	3,598	15105	.243	.596	.404
1130	755.00	1	755	192	-.851	.197	.197	--	--	--	--	--	--	--
1131	73.69	188	13,853	1374273	1.315	.906	.094	138.53	100	13,853	763348	1.768	.961	.039
1132	348.00	2	696	453	-.855	.196	.196	696.00	1	696	227	-.602	.274	.274
1133	69.64	145	10,098	681514	-1.441	.075	.075	138.33	73	10,098	349664	-.759	.224	.224
1134	228.33	3	685	987	-.118	.453	.453	342.50	2	685	392	-1.048	.147	.147
1135	35.86	22	789	6540	-2.002	.023	.023	60.69	13	789	4217	-1.110	.134	.134
1136	228.48	122	27,875	1682413	-.202	.420	.420	536.06	52	27,875	696395	-.489	.313	.313
1137	92.94	206	19,145	1978185	.079	.531	.469	187.70	102	19,145	1020262	.786	.784	.216
1138	1234.50	2	2,469	3625	1.147	.874	.126	--	--	--	--	--	--	--
1139	519.50	6	3,117	7634	-.779	.218	.218	1558.50	2	3,117	2825	-.230	.409	.409
1140	128.01	87	11,137	440260	-1.474	.070	.070	227.29	49	11,137	265712	-.318	.375	.375
1141	47.09	424	19,965	4578374	2.914	.998	.002	84.24	237	19,965	2706806	3.843	1.000	0
1142	49.20	665	32,715	10976721	.406	.658	.342	88.42	370	32,715	6265283	1.173	.879	.121
1143	231.15	39	9,015	164377	-.702	.241	.241	751.25	12	9,015	43397	-1.186	.118	.118
1144	77.45	31	2,401	37794	.150	.560	.440	141.24	17	2,401	20669	.091	.536	.464
1145	238.17	6	1,429	5302	1.005	.842	.158	476.33	3	1,429	2335	.268	.606	.394
1146	184.88	144	26,623	1925543	.094	.538	.462	451.24	59	26,623	791940	.111	.544	.456
1147	105.22	59	6,208	202021	1.372	.915	.085	206.93	30	6,208	99617	.662	.746	.254
1148	185.71	70	13,000	466484	.366	.643	.357	325.00	40	13,000	251436	-.361	.359	.359
1149	82.77	146	12,084	887598	0.130	.552	.448	132.79	91	12,084	594306	1.337	.909	.091
1150	210.05	64	13,443	454448	.782	.783	.217	463.55	29	13,443	212659	.849	.802	.198
1151	95.17	12	1,142	6325	-.462	.322	.322	228.40	5	1,142	2767	-.119	.452	.452
1152	70.77	374	26,466	5005695	.383	.649	.351	144.62	183	26,466	2527223	1.022	.846	.154

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1153	34.79	14	487	3376	-.063	.475	.475	48.70	10	487	2350	-.191	.424	.424
1154	92.49	141	13,041	905434	-.312	.377	.377	207.00	63	13,041	409885	-.030	.488	.488
1155	52.65	26	1,369	16023	-.880	.189	.189	85.56	16	1,369	7989	-1.874	.030	.030
1156	82.89	157	13,013	1046698	.535	.704	.296	153.09	85	13,013	538228	-.428	.334	.334
1157	116.43	155	18,047	1552037	2.365	.991	.009	265.40	68	18,047	678758	1.517	.935	.065
1158	50.89	70	3,562	126709	.237	.594	.406	107.94	33	3,562	65587	1.154	.876	.124
1159	68.62	537	36,849	10150087	1.039	.851	.149	124.07	297	36,849	5522074	.273	.607	.393
1160	107.77	13	1,401	9637	.364	.642	.358	280.20	5	1,401	1931	-1.738	.041	.041
1161	154.60	37	5,720	104316	-.150	.440	.440	336.47	17	5,720	45733	-.424	.336	.336
1162	1210.00	1	1,210	1122	1.480	.931	.069	--	--	--	--	--	--	--
1163	790.00	4	3,160	4035	-1.252	.105	.105	--	--	--	--	--	--	--
1164	54.74	350	19,160	3603650	2.422	.992	.008	101.38	189	19,160	1981519	2.248	.988	.012
1165	125.75	79	9,934	415115	.892	.814	.186	283.83	35	9,934	166269	-.447	.328	.328
1166	43.60	275	11,989	1751554	1.796	.964	.036	85.03	141	11,989	920716	1.837	.967	.033
1167	55.79	121	6,751	417553	.425	.665	.335	112.52	60	6,751	196033	-.430	.333	.333
1168	146.94	17	2,498	25616	1.474	.930	.070	416.33	6	2,498	6826	-.378	.353	.353
1169	624.50	2	1,249	1033	-.424	.336	.336	--	--	--	--	--	--	--
1170	45.43	364	16,537	3230145	2.420	.992	.008	95.59	173	16,537	1536130	1.683	.954	.046
1171	74.68	164	12,247	1013600	.206	.582	.418	157.01	78	12,247	475085	-.082	.467	.467
1172	59.95	323	19,365	3161625	.340	.633	.367	111.29	174	19,365	1733915	.667	.747	.253
1173	94.75	251	23,783	2865573	-1.096	.137	.137	171.10	139	23,783	1592328	-.749	.227	.227
1174	103.67	49	5,080	140326	1.546	.939	.061	175.17	29	5,080	84778	1.408	.920	.080
1175	113.02	240	27,125	3329847	.617	.731	.269	248.85	109	27,125	1509606	.383	.649	.351
1176	327.00	2	654	596	-.217	.414	.414	654.00	1	654	257	-.371	.355	.355
1177	56.84	25	1,421	21156	1.655	.951	.049	129.18	11	1,421	7314	-.369	.356	.356
1178	88.80	201	17,848	1863693	.958	.831	.169	174.98	102	17,848	911754	.029	.512	.488
1179	116.11	151	17,533	1297811	-.417	.338	.338	240.18	73	17,533	633221	-.156	.438	.438
1180	104.69	16	1,675	12670	-.377	.353	.353	152.27	11	1,675	8808	-.252	.400	.400
1181	401.67	3	1,205	2040	.386	.650	.350	602.50	2	1,205	886	-.649	.258	.258
1182	37.24	260	9,681	1320151	1.368	.914	.086	69.15	140	9,681	702401	.748	.773	.227
1183	48.65	403	19,606	4316784	3.223	.999	.001	92.48	212	19,606	2286293	2.525	.994	.006
1184	1147.57	7	8,033	28835	.117	.547	.453	8033.00	1	8,033	3174	-.363	.358	.358
1185	90.06	95	8,556	401948	-.185	.426	.426	225.16	38	8,556	171127	.562	.713	.287
1186	51.51	117	6,027	359586	.372	.645	.355	92.72	65	6,027	210942	1.074	.859	.141
1187	37.14	309	11,476	1892738	2.055	.980	.020	65.95	174	11,476	1083073	1.937	.974	.026
1188	526.63	19	10,006	104361	.739	.770	.230	909.64	11	10,006	63698	.905	.817	.183
1189	110.10	174	19,158	1799440	1.819	.966	.034	258.89	74	19,158	749628	.857	.804	.196
1190	57.62	331	19,072	3327483	1.708	.956	.044	105.96	180	19,072	1899021	2.471	.993	.007
1191	181.00	4	724	867	-1.390	.082	.082	241.33	3	724	728	-.989	.161	.161
1192	129.68	50	6,484	165442	.253	.600	.400	294.73	22	6,484	66805	-.515	.303	.303
1193	68.19	112	7,637	434858	.308	.621	.379	117.49	65	7,637	235879	-.693	.244	.244
1194	54.46	153	8,332	693949	1.901	.971	.029	105.47	79	8,332	386661	2.692	.996	.004
1195	47.32	47	2,224	54817	.580	.719	.281	105.91	21	2,224	23830	.163	.565	.435
1196	54.44	118	6,424	371285	-.384	.351	.351	112.70	57	6,424	179161	-.280	.390	.390
1197	68.56	289	19,815	3040271	1.820	.966	.034	140.53	141	19,815	1487191	1.329	.908	.092
1198	114.89	79	9,076	398461	1.716	.957	.043	245.30	37	9,076	187226	1.212	.887	.113
1199	120.00	3	360	485	-.306	.380	.380	180.00	2	360	270	-.612	.270	.270
1200	102.06	141	14,391	1080010	1.327	.908	.092	194.47	74	14,391	567467	.979	.836	.164

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
1201	191.70	10	1,917	10029	.254	.600	.400	273.86	7	1,917	7124	.283	.611	.389
1202	213.19	91	19,400	946895	1.202	.885	.115	451.16	43	19,400	510077	2.532	.994	.006
1203	149.47	105	15,694	681239	-3.074	.001	.001	290.63	54	15,694	361415	-1.872	.031	.031
1204	188.79	82	15,481	723291	2.189	.986	.014	322.52	48	15,481	426426	1.773	.962	.038
1205	44.12	147	6,485	511435	1.533	.937	.063	93.99	69	6,485	244449	1.332	.909	.091
1206	56.04	189	10,592	977250	-.564	.287	.287	109.20	97	10,592	451910	-2.052	.020	.020
1207	54.50	112	6,104	348903	.380	.648	.352	105.24	58	6,104	174196	-.210	.417	.417
1208	214.35	91	19,506	907317	.369	.644	.356	527.19	37	19,506	345993	-.434	.332	.332
1209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1210	62.86	59	3,709	95745	-1.662	.048	.048	90.46	41	3,709	73143	-.422	.337	.337
1211	109.19	257	28,061	3577743	-.216	.414	.414	179.88	156	28,061	2105669	-.821	.206	.206
1212	108.25	89	9,634	459152	1.160	.877	.123	181.77	53	9,634	288865	1.658	.951	.049
1213	107.33	51	5,474	131581	-.709	.239	.239	248.82	22	5,474	49634	-1.427	.077	.077
1214	72.40	10	724	4432	1.229	.890	.110	103.43	7	724	3099	1.022	.847	.154
1215	406.52	21	8,537	81080	-.758	.224	.224	948.56	9	8,537	22639	-2.134	.016	.016
1216	336.45	75	25,234	812815	-2.116	.017	.017	788.56	32	25,234	384771	-.460	.323	.323
1217	62.82	209	13,130	1360704	-.208	.418	.418	110.34	119	13,130	724689	-1.368	.086	.086
1218	52.73	62	3,269	99556	-.240	.405	.405	108.97	30	3,269	50177	.221	.587	.413
1219	65.88	298	19,632	3210557	2.917	.998	.002	121.94	161	19,632	1708818	1.786	.963	.037
1220	615.12	34	20,914	374244	.531	.702	.298	1742.83	12	20,914	135299	.469	.681	.319
1221	117.54	50	5,877	144443	-.207	.418	.418	293.85	20	5,877	56915	-.245	.403	.403
1222	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1223	63.67	86	5,476	258425	1.566	.941	.059	111.76	49	5,476	144845	.965	.833	.167
1224	70.64	28	1,978	32394	1.556	.940	.060	141.29	14	1,978	14835	.463	.678	.322
1225	63.07	42	2,649	54554	-.217	.414	.414	120.41	22	2,649	26322	-.785	.216	.216
1226	238.05	92	21,901	915777	-1.512	.065	.065	576.34	38	21,901	379807	-.932	.176	.176
1227	81.12	77	6,246	244193	.235	.593	.407	178.46	35	6,246	126227	1.586	.944	.056
1228	97.17	258	25,070	3291462	.494	.689	.311	181.67	138	25,070	1753871	.283	.611	.389
1229	61.51	240	14,762	1862289	1.376	.916	.084	103.23	143	14,762	1114698	1.162	.877	.123
1230	61.90	232	14,360	1811664	2.311	.990	.010	101.84	141	14,360	1145307	2.701	.997	.003
1231	48.69	16	779	6383	.168	.567	.433	86.56	9	779	3901	.586	.721	.279
1232	57.35	17	975	10618	2.008	.978	.022	121.88	8	975	5901	2.514	.994	.006
1233	81.89	65	5,323	199740	2.159	.985	.015	120.98	44	5,323	135922	1.846	.968	.032
1234	105.32	106	11,164	606457	.445	.672	.328	192.48	58	11,164	333149	.383	.649	.351
1235	86.25	48	4,140	109279	1.198	.884	.116	153.33	27	4,140	59643	.604	.727	.273
1236	65.18	34	2,216	33282	-1.177	.120	.120	123.11	18	2,216	16739	-1.181	.119	.119
1237	62.88	209	13,142	1455336	1.495	.933	.067	126.37	104	13,142	734264	1.315	.906	.094
1238	79.36	321	25,474	4060181	-.216	.415	.415	175.68	145	25,474	1936417	1.011	.844	.156
1239	65.72	229	15,049	1659534	-.967	.167	.167	133.18	113	15,049	861746	.249	.598	.402
1240	268.14	7	1,877	5980	-.411	.340	.340	469.25	4	1,877	3500	-.234	.407	.407
1241	52.38	345	18,072	3192693	.777	.781	.219	105.68	171	18,072	1637315	1.351	.912	.088
1242	62.25	12	747	6316	2.455	.993	.007	106.71	7	747	4019	2.462	.993	.007
1243	41.32	426	17,604	3847659	.934	.825	.175	68.23	258	17,604	2324703	.659	.745	.255
1244	57.69	332	19,152	3196340	.170	.567	.433	114.68	167	19,152	1602897	.052	.521	.479
1245	141.48	134	18,958	1327389	0.903	.817	.183	296.22	64	18,958	713745	2.446	.993	.007
1246	144.50	16	2,312	20358	.698	.757	.243	289.00	8	2,312	11212	1.040	.851	.149
1247	125.47	121	15,182	883773	-.721	.236	.236	230.03	66	15,182	499960	-.029	.488	.488
1248	20.33	3	61	135	1.426	.923	.077	--	--	--	--	--	--	--

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1249	95.56	129	12,327	828694	.831	.797	.203	192.61	64	12,327	388224	-.219	.413	.413
1250	66.29	556	36,857	10230399	-.063	.475	.475	130.70	282	36,857	5236363	.221	.588	.412
1251	221.60	5	1,108	1406	-1.907	.028	.028	554.00	2	1,108	376	-1.618	.053	.053
1252	76.61	463	35,470	8683065	2.141	.984	.016	164.21	216	35,470	4125784	1.961	.975	.025
1253	47.50	94	4,465	205360	-.360	.360	.360	91.12	49	4,465	106163	-.358	.360	.360
1254	30.40	15	456	3176	-.479	.316	.316	41.46	11	456	2552	.101	.540	.460
1255	58.90	228	13,428	1480272	-.863	.194	.194	104.91	128	13,428	855056	-.099	.461	.461
1256	116.99	175	20,473	1975168	2.351	.991	.009	227.48	90	20,473	1027540	1.895	.971	.029
1257	103.33	189	19,529	1947139	1.312	.905	.095	189.60	103	19,529	1051526	.800	.788	.212
1258	58.60	62	3,633	110345	-.276	.391	.391	103.80	35	3,633	62296	-.207	.418	.418
1259	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1260	54.87	397	21,784	4700163	3.001	.999	.001	96.39	226	21,784	2625210	1.731	.958	.042
1261	115.20	71	8,179	327398	1.862	.969	.031	247.85	33	8,179	162706	2.046	.980	.020
1262	72.13	16	1,154	7150	-1.562	.059	.059	128.22	9	1,154	4010	-1.184	.118	.118
1263	86.00	6	516	1536	-.033	.487	.487	172.00	3	516	726	-.186	.426	.426
1264	172.00	9	1,548	8249	.957	.831	.169	309.60	5	1,548	4254	.384	.650	.350
1265	41.61	83	3,454	149564	.685	.753	.247	80.33	43	3,454	93061	2.875	.998	.002
1266	79.68	239	19,044	2226666	-.578	.282	.282	160.03	119	19,044	1198261	1.086	.861	.139
1267	97.71	138	13,484	953977	.516	.697	.303	175.12	77	13,484	556622	1.098	.864	.136
1268	90.80	189	17,161	1628591	.101	.540	.460	157.44	109	17,161	989206	1.043	.851	.149
1269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1270	145.80	15	2,187	15052	-.552	.290	.290	364.50	6	2,187	5678	-.571	.284	.284
1271	95.83	366	35,073	5908720	-2.631	.004	.004	193.77	181	35,073	2729065	-3.267	.001	.001
1272	107.87	37	3,991	67718	-.873	.192	.192	307.00	13	3,991	21325	-1.111	.133	.133
1273	89.90	106	9,529	484486	-.726	.234	.234	186.84	51	9,529	260421	.887	.812	.188
1274	37.75	163	6,153	522355	.921	.821	.179	65.46	94	6,153	295484	.365	.643	.357
1275	33.39	108	3,606	203821	.841	.800	.200	54.64	66	3,606	120769	.209	.583	.417
1276	53.14	104	5,527	272624	-.908	.182	.182	83.74	66	5,527	170645	-.906	.182	.182
1277	25.60	100	2,560	137205	1.246	.894	.107	39.39	65	2,560	93669	1.757	.961	.039
1278	56.60	512	28,977	7646493	1.207	.886	.114	103.12	281	28,977	4263621	1.372	.915	.085
1279	250.17	6	1,501	3184	-1.243	.107	.107	500.33	3	1,501	2286	.046	.518	.482
1280	94.37	57	5,379	178105	2.116	.983	.017	168.09	32	5,379	100932	1.693	.955	.045
1281	63.95	97	6,203	283715	-.971	.166	.166	126.59	49	6,203	145979	-.478	.316	.316
1282	245.00	1	245	221	1.393	.918	.082	--	--	--	--	--	--	--
1283	106.80	49	5,233	146266	1.708	.956	.044	249.19	21	5,233	61636	.966	.833	.167
1284	36.86	265	9,769	1373204	1.717	.957	.043	70.28	139	9,769	746474	2.031	.979	.021
1285	309.65	68	21,056	739611	.473	.682	.318	726.07	29	21,056	343945	1.180	.881	.119
1286	49.72	368	18,295	3430289	.632	.736	.264	97.83	187	18,295	1750470	.552	.710	.290
1287	127.23	47	5,980	152766	1.034	.849	.151	206.21	29	5,980	95641	.961	.832	.168
1288	107.57	112	12,048	656808	-.486	.314	.314	236.24	51	12,048	264079	-1.737	.041	.041
1289	120.59	115	13,868	842370	1.047	.852	.148	277.36	50	13,868	363456	.592	.723	.277
1290	110.00	13	1,430	12071	1.865	.969	.031	238.33	6	1,430	6588	2.273	.988	.012
1291	135.11	9	1,216	6907	1.363	.913	.087	243.20	5	1,216	4125	1.382	.917	.083
1292	53.29	369	19,665	3822435	1.781	.963	.037	100.33	196	19,665	2018817	1.153	.876	.124
1293	73.45	232	17,041	1958471	-0.244	.404	.404	139.68	122	17,041	1019696	-0.365	.358	.358
1294	91.96	55	5,058	129780	-.860	.195	.195	174.41	29	5,058	60243	-1.666	.048	.048
1295	45.57	14	638	6213	2.535	.994	.006	91.14	7	638	2746	1.053	.854	.146
1296	33.26	128	4,257	272239	-.015	.494	.494	61.70	69	4,257	154327	.731	.768	.232

Table 6. Summary of interoccurrence intervals for daily precipitation thresholds of 1.5 and 2.0 inches—Continued

Seq. no.	Daily precipitation threshold of 1.5 inches and greater							Daily precipitation threshold of 2.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1297	73.22	37	2,709	48301	-.382	.351	.351	129.00	21	2,709	24573	-1.080	.140	.140
1298	67.50	22	1,485	16752	.207	.582	.418	114.23	13	1,485	10055	.260	.603	.397
1299	49.47	196	9,696	1046312	2.453	.993	.007	93.23	104	9,696	566117	2.169	.985	.015
1300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1301	59.63	466	27,787	6704412	1.329	.908	.092	105.25	264	27,787	3763077	.730	.767	.233
1302	69.24	270	18,695	2685836	1.827	.966	.034	127.18	147	18,695	1462240	1.347	.911	.089
1303	32.33	9	291	1071	-.946	.172	.172	97.00	3	291	360	-.526	.300	.300
1304	80.89	45	3,640	91438	1.353	.912	.088	165.46	22	3,640	44321	.869	.807	.193
1305	1192.37	19	22,655	227193	.420	.663	.337	4531.00	5	22,655	67950	.774	.780	.220
1306	125.82	119	14,972	853457	-.793	.214	.214	216.99	69	14,972	456871	-1.662	.048	.048

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches

[--, not available, no events that equal or exceed the threshold were observed]

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1	780.56	25	19,514	212846	-1.103	.135	.135	1393.86	14	19,514	132246	-0.207	.418	.418
2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	616.25	32	19,720	291421	-.748	.227	.227	1232.50	16	19,720	171243	.592	.723	.277
4	336.64	25	8,416	102472	-.225	.411	.411	601.14	14	8,416	55451	-.381	.352	.352
5	542.66	35	18,993	409143	2.367	.991	.009	791.38	24	18,993	277041	1.829	.966	.034
6	440.25	8	3,522	17211	1.086	.861	.139	587.00	6	3,522	13216	1.064	.856	.144
7	344.33	24	8,264	66044	-2.834	.002	.002	918.22	9	8,264	28172	-1.260	.104	.104
8	1458.00	1	1,458	1144	.986	.838	.162	--	--	--	--	--	--	--
9	964.33	3	2,893	3144	-.827	.204	.204	964.33	3	2,893	3144	-.827	.204	.204
10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11	235.39	26	6,120	79568	.001	.500	.500	470.77	13	6,120	27153	-1.982	.024	.024
12	408.98	87	35,581	1591886	.460	.677	.323	741.27	48	35,581	893570	.557	.711	.289
13	341.02	44	15,005	332762	.092	.537	.463	468.91	32	15,005	257755	.721	.765	.235
14	285.39	105	29,966	1666498	1.052	.854	.146	416.19	72	29,966	1160118	1.108	.866	.134
15	427.25	4	1,709	4739	1.339	.910	.090	854.50	2	1,709	1996	.411	.660	.340
16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
18	2503.55	11	27,539	201407	1.894	.971	.029	27539.00	1	27,539	15717	.245	.597	.403
19	179.81	107	19,240	1035566	.108	.543	.457	305.40	63	19,240	636376	.688	.754	.246
20	156.97	39	6,122	116962	-.219	.413	.413	211.10	29	6,122	76831	-1.254	.105	.105
21	229.52	23	5,279	58716	-.273	.393	.393	310.53	17	5,279	45520	.103	.541	.459
22	122.92	281	34,541	4861710	.052	.521	.479	200.82	172	34,541	2907358	-.483	.315	.315
23	395.67	3	1,187	2496	1.206	.886	.114	1187.00	1	1,187	729	.395	.654	.346
24	1094.06	18	19,693	148728	-1.182	.119	.119	1790.27	11	19,693	83292	-1.327	.092	.092
25	474.35	29	13,756	152515	-2.195	.014	.014	724.00	19	13,756	94945	-2.065	.019	.019
26	108.74	286	31,099	4821907	2.468	.993	.007	172.77	180	31,099	3010805	1.759	.961	.039
27	159.90	130	20,787	1294939	-.822	.206	.206	296.96	70	20,787	647462	-1.595	.055	.055
28	364.30	33	12,022	201547	.160	.563	.437	667.89	18	12,022	106342	-.126	.450	.450
29	1221.85	13	15,884	73639	-1.791	.037	.037	1764.89	9	15,884	48731	-1.654	.049	.049
30	115.44	274	31,631	4721196	2.565	.995	.005	158.95	199	31,631	3442734	2.294	.989	.011
31	226.61	80	18,129	752069	.575	.717	.283	412.02	44	18,129	413102	.411	.659	.341
32	369.96	45	16,648	351288	-.723	.235	.235	594.57	28	16,648	190766	-1.664	.048	.048
33	463.66	50	23,183	689340	2.320	.990	.010	858.63	27	23,183	377145	1.845	.968	.032
34	329.27	11	3,622	24206	1.236	.892	.108	452.75	8	3,622	18207	1.258	.896	.104
35	183.79	56	10,292	320280	1.444	.926	.074	233.91	44	10,292	262012	1.806	.965	.035
36	124.51	89	11,081	473113	-.663	.254	.254	167.89	66	11,081	360413	-.202	.420	.420
37	145.48	75	10,911	429388	.742	.771	.229	222.67	49	10,911	273715	.290	.614	.386
38	306.99	73	22,410	816760	-.022	.491	.491	589.74	38	22,410	449418	.593	.723	.277
39	257.04	76	19,535	850611	2.203	.986	.014	527.97	37	19,535	425041	1.855	.968	.032
40	280.51	37	10,379	197938	.325	.628	.373	494.24	21	10,379	115027	.441	.670	.330
41	204.85	121	24,787	1654907	1.973	.976	.024	387.30	64	24,787	936493	2.504	.994	.006
42	148.80	5	744	1210	-1.354	.088	.088	248.00	3	744	639	-1.282	.100	.100
43	534.70	60	32,082	969104	.093	.537	.463	972.18	33	32,082	476370	-.996	.160	.160
44	183.70	107	19,656	1106708	.939	.826	.174	344.84	57	19,656	609769	1.157	.876	.124
45	164.76	115	18,947	1126293	0.628	.735	.265	332.40	57	18,947	604100	1.553	.940	.060
46	251.00	103	25,853	1312353	-.252	.401	.401	403.95	64	25,853	857743	.510	.695	.305
47	254.52	25	6,363	98877	2.106	.982	.018	454.50	14	6,363	54830	1.497	.933	.067
48	225.92	25	5,648	83885	1.630	.948	.052	353.00	16	5,648	58021	1.968	.975	.025

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
49	302.00	1	302	250	1.136	.872	.128	--	--	--	--	--	--	--
50	305.00	3	915	1990	1.350	.911	.089	457.50	2	915	1175	.696	.757	.243
51	207.08	88	18,223	810265	.171	.568	.432	303.72	60	18,223	534836	-.291	.386	.386
52	189.99	69	13,109	435408	-.536	.296	.296	267.53	49	13,109	306640	-.549	.292	.292
53	61.20	5	306	1166	2.030	.979	.021	76.50	4	306	874	1.483	.931	.069
54	43.50	2	87	61	-.732	.232	.232	87.00	1	87	36	-.299	.383	.383
55	290.15	34	9,865	179514	.711	.761	.239	448.41	22	9,865	128322	1.483	.931	.069
56	1192.50	2	2,385	2248	-.141	.444	.444	1192.50	2	2,385	2248	-.141	.444	.444
57	1030.47	19	19,579	198078	.490	.688	.312	1957.90	10	19,579	96866	-.058	.477	.477
58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
59	510.23	71	36,226	1338771	.599	.725	.275	754.71	48	36,226	815088	-.750	.227	.227
60	--	--	--	--	--	--	--	--	--	--	--	--	--	--
61	2322.08	12	27,865	146967	-.726	.234	.234	3483.13	8	27,865	103239	-.361	.359	.359
62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
63	2039.00	1	2,039	878	-.240	.405	.405	2039.00	1	2,039	878	-.240	.405	.405
64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
65	247.40	30	7,422	108434	-.247	.403	.403	436.59	17	7,422	64978	.214	.585	.415
66	259.33	9	2,334	8773	-.856	.196	.196	333.43	7	2,334	7259	-.511	.305	.305
67	238.21	56	13,340	395815	.774	.780	.220	392.35	34	13,340	236244	.422	.663	.337
68	1745.67	3	5,237	8650	.303	.619	.381	--	--	--	--	--	--	--
69	2458.50	2	4,917	7857	1.465	.928	.072	4917.00	1	4,917	3035	.406	.658	.342
70	207.20	5	1,036	3477	1.326	.908	.092	259.00	4	1,036	2786	1.194	.884	.116
71	762.00	1	762	472	.414	.660	.340	762.00	1	762	472	.414	.660	.340
72	335.85	13	4,366	26334	-.450	.326	.326	873.20	5	4,366	12331	.502	.692	.308
73	271.80	46	12,503	261089	-1.082	.140	.140	520.96	24	12,503	117759	-1.825	.034	.034
74	134.22	9	1,208	4712	-.692	.245	.245	172.57	7	1,208	3172	-1.145	.126	.126
75	131.66	178	23,435	2317446	2.567	.995	.005	203.78	115	23,435	1544566	2.716	.997	.003
76	288.50	4	1,154	3461	1.731	.958	.042	577.00	2	1,154	2172	2.161	.985	.015
77	104.20	152	15,838	1264332	1.076	.859	.141	179.98	88	15,838	711821	.349	.636	.364
78	241.33	3	724	631	-1.257	.104	.104	241.33	3	724	631	-1.257	.104	.104
79	194.33	3	583	1150	.945	.828	.172	--	--	--	--	--	--	--
80	120.27	296	35,599	5290243	.122	.549	.451	183.50	194	35,599	3467659	.102	.541	.459
81	114.85	123	14,126	918689	1.104	.865	.135	170.19	83	14,126	630506	1.192	.883	.117
82	162.45	78	12,671	458369	-1.108	.134	.134	248.45	51	12,671	301131	-.841	.200	.200
83	252.84	141	35,650	2662734	1.223	.889	.111	434.76	82	35,650	1497925	.389	.651	.349
84	177.55	44	7,812	163663	-.548	.292	.292	325.50	24	7,812	92181	-.142	.444	.444
85	183.89	9	1,655	8082	.443	.671	.329	331.00	5	1,655	4158	.019	.508	.492
86	253.54	57	14,452	430537	.592	.723	.277	466.19	31	14,452	218102	-.254	.400	.400
87	242.60	5	1,213	4583	1.980	.976	.024	404.33	3	1,213	3418	2.636	.996	.004
88	279.41	46	12,853	300551	.196	.578	.422	357.03	36	12,853	218023	-.599	.275	.275
89	359.79	53	19,069	531418	.651	.742	.258	681.04	28	19,069	296662	1.020	.846	.154
90	304.38	21	6,392	69736	.310	.622	.378	581.09	11	6,392	41225	.992	.839	.161
91	459.67	27	12,411	156385	-.600	.274	.274	886.50	14	12,411	87025	.011	.504	.496
92	252.76	49	12,385	299125	-.172	.432	.432	476.35	26	12,385	153504	-.412	.340	.340
93	141.60	15	2,124	15712	-0.092	.463	.463	236.00	9	2,124	9429	-0.070	.472	.472
94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
95	258.50	4	1,034	1316	-1.260	.104	.104	344.67	3	1,034	1074	-.923	.178	.178
96	811.82	17	13,801	134009	1.017	.845	.155	1533.44	9	13,801	64895	.234	.592	.408

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
98	1002.32	19	19,044	195478	.608	.728	.272	1904.40	10	19,044	109987	.849	.802	.198
99	114.00	1	114	98	1.246	.894	.106	--	--	--	--	--	--	--
100	381.07	75	28,580	1185372	1.590	.944	.056	595.42	48	28,580	732062	.807	.790	.210
101	354.27	26	9,211	142806	1.701	.956	.044	575.69	16	9,211	84012	.971	.834	.166
102	158.20	5	791	2007	.058	.523	.477	263.67	3	791	791	-1.000	.159	.159
103	294.87	127	37,448	2589350	1.735	.959	.041	492.74	76	37,448	1521393	1.044	.852	.148
104	418.40	15	6,276	42880	-.597	.275	.275	784.50	8	6,276	26210	.216	.585	.415
105	209.10	49	10,246	232876	-.877	.190	.190	341.53	30	10,246	146141	-.466	.321	.321
106	--	--	--	--	--	--	--	--	--	--	--	--	--	--
107	374.35	20	7,487	87877	1.346	.911	.089	623.92	12	7,487	53075	1.089	.862	.138
108	208.62	179	37,342	3407032	.450	.674	.326	339.47	110	37,342	2084232	.269	.606	.394
109	113.48	127	14,412	879085	-.770	.221	.221	189.63	76	14,412	495437	-1.440	.075	.075
110	197.22	176	34,710	3327355	2.053	.980	.020	357.84	97	34,710	1923601	2.434	.993	.007
111	313.50	4	1,254	2247	-.361	.359	.359	627.00	2	1,254	1107	-.287	.387	.387
112	740.48	31	22,955	318355	-1.015	.155	.155	1275.28	18	22,955	209701	.111	.544	.456
113	601.25	4	2,405	4123	-.495	.310	.310	1202.50	2	2,405	2870	.474	.682	.318
114	1003.00	2	2,006	2525	.634	.737	.263	2006.00	1	2,006	1913	1.572	.942	.058
115	9031.00	2	18,062	6370	-1.586	.056	.056	--	--	--	--	--	--	--
116	829.29	7	5,805	17441	-.649	.258	.258	2902.50	2	5,805	3281	-1.065	.144	.144
117	1280.93	15	19,214	181524	1.742	.959	.041	2401.75	8	19,214	75272	-.101	.460	.460
118	1011.00	1	1,011	355	-.516	.303	.303	1011.00	1	1,011	355	-.516	.303	.303
119	336.42	82	27,586	1076588	-.755	.225	.225	562.98	49	27,586	631094	-.803	.211	.211
120	147.50	130	19,175	1381499	2.141	.984	.016	245.83	78	19,175	880399	2.712	.997	.003
121	244.79	75	18,359	796992	2.365	.991	.009	390.62	47	18,359	496744	1.797	.964	.036
122	617.36	14	8,643	62402	.204	.581	.419	1728.60	5	8,643	17010	-.824	.205	.205
123	367.13	94	34,510	1568151	-.557	.289	.289	639.07	54	34,510	874522	-.782	.217	.217
124	235.94	32	7,550	119499	-.106	.458	.458	290.39	26	7,550	90579	-.681	.248	.248
125	474.54	50	23,727	648400	1.140	.873	.127	719.00	33	23,727	433923	1.078	.859	.141
126	201.06	18	3,619	33600	.232	.592	.408	329.00	11	3,619	24953	1.457	.927	.073
127	1076.94	18	19,385	179312	.204	.581	.419	1762.27	11	19,385	110086	.187	.574	.426
128	149.11	73	10,885	402170	.181	.572	.428	222.14	49	10,885	294633	1.271	.898	.102
129	332.78	59	19,634	566782	-.285	.388	.388	613.56	32	19,634	284584	-.922	.178	.178
130	418.25	63	26,350	840489	.173	.569	.431	908.62	29	26,350	427952	1.120	.869	.131
131	380.50	2	761	1011	.805	.789	.211	380.50	2	761	1011	.805	.789	.211
132	222.87	63	14,041	440646	-.051	.480	.480	484.17	29	14,041	225906	1.022	.847	.153
133	199.46	182	36,302	3490836	1.325	.907	.093	297.56	122	36,302	2254321	.345	.635	.365
134	1202.00	1	1,202	308	-.844	.199	.199	1202.00	1	1,202	308	-.844	.199	.199
135	--	--	--	--	--	--	--	--	--	--	--	--	--	--
136	356.54	87	31,019	1473343	1.485	.931	.069	633.04	49	31,019	862816	1.641	.950	.050
137	392.44	9	3,532	20349	1.457	.927	.073	706.40	5	3,532	12828	1.754	.960	.040
138	224.91	34	7,647	154138	1.875	.970	.030	402.47	19	7,647	90641	1.870	.969	.031
139	--	--	--	--	--	--	--	--	--	--	--	--	--	--
140	645.00	2	1,290	435	-1.624	.052	.052	645.00	2	1,290	435	-1.624	.052	.052
141	205.19	52	10,670	263527	-0.626	.266	.266	333.44	32	10,670	173708	0.172	.568	.432
142	131.61	61	8,028	263580	1.035	.850	.150	243.27	33	8,028	151294	1.415	.921	.079
143	164.84	109	17,968	924451	-1.012	.156	.156	299.47	60	17,968	533337	-.142	.444	.444
144	655.62	21	13,768	149917	.294	.616	.384	1251.64	11	13,768	85603	.749	.773	.227

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
145	970.56	18	17,470	169419	.570	.716	.284	1941.11	9	17,470	84916	.417	.661	.339
146	277.79	102	28,335	1561901	1.414	.921	.079	449.76	63	28,335	911350	.290	.614	.386
147	347.00	56	19,432	601434	1.366	.914	.086	647.73	30	19,432	297521	.197	.578	.422
148	633.50	2	1,267	1050	-.420	.337	.337	633.50	2	1,267	1050	-.420	.337	.337
149	--	--	--	--	--	--	--	--	--	--	--	--	--	--
150	231.20	5	1,156	2774	-.156	.438	.438	385.33	3	1,156	1772	.066	.526	.474
151	438.56	16	7,017	49911	-.768	.221	.221	779.67	9	7,017	24084	-1.233	.109	.109
152	1581.20	5	7,906	18637	-.221	.413	.413	3953.00	2	7,906	4285	-1.122	.131	.131
153	204.03	71	14,486	584167	1.984	.976	.024	344.91	42	14,486	366033	2.281	.989	.011
154	2671.25	4	10,685	6840	-2.355	.009	.009	10685.00	1	10,685	529	-1.561	.059	.059
155	204.18	108	22,051	1319710	1.949	.974	.026	315.01	70	22,051	790596	.353	.638	.362
156	1470.90	10	14,709	63546	-.745	.228	.228	2101.29	7	14,709	38893	-1.121	.131	.131
157	--	--	--	--	--	--	--	--	--	--	--	--	--	--
158	679.00	3	2,037	3059	.003	.501	.499	1018.50	2	2,037	1453	-.702	.241	.241
159	288.44	61	17,595	576742	1.011	.844	.156	488.75	36	17,595	358561	1.373	.915	.085
160	221.52	27	5,981	74811	-.661	.254	.254	351.82	17	5,981	45088	-.808	.210	.210
161	328.88	41	13,484	268673	-.311	.378	.378	499.41	27	13,484	208558	1.311	.905	.095
162	245.48	40	9,819	214241	.996	.840	.160	490.95	20	9,819	99770	.125	.550	.450
163	324.77	106	34,426	1738089	-.845	.199	.199	521.61	66	34,426	1142812	.084	.533	.467
164	259.00	2	518	869	1.660	.952	.048	518.00	1	518	396	.916	.820	.180
165	1185.00	1	1,185	1048	1.332	.908	.092	1185.00	1	1,185	1048	1.332	.908	.092
166	234.48	27	6,331	78383	-.746	.228	.228	316.55	20	6,331	66146	.347	.636	.364
167	1207.00	1	1,207	1190	1.683	.954	.046	1207.00	1	1,207	1190	1.683	.954	.046
168	256.31	55	14,097	416885	.968	.833	.167	414.62	34	14,097	249825	.429	.666	.334
169	152.00	8	1,216	5284	.423	.664	.336	202.67	6	1,216	4055	.473	.682	.318
170	608.40	10	6,084	34897	.806	.790	.210	1014.00	6	6,084	18298	.011	.504	.496
171	433.32	19	8,233	68280	-.959	.169	.169	748.46	11	8,233	36880	-1.066	.143	.143
172	288.02	114	32,834	1944254	.719	.764	.236	505.14	65	32,834	1172530	1.380	.916	.084
173	329.67	6	1,978	7590	1.184	.882	.118	659.33	3	1,978	2760	-.209	.417	.417
174	772.50	8	6,180	21459	-.646	.259	.259	1030.00	6	6,180	14309	-.968	.167	.167
175	154.33	9	1,389	5545	-.587	.279	.279	277.80	5	1,389	2654	-.913	.181	.181
176	267.32	75	20,049	806459	1.090	.862	.138	455.66	44	20,049	497016	1.457	.927	.073
177	845.40	38	32,125	637384	.473	.682	.318	1606.25	20	32,125	337048	.381	.648	.352
178	331.00	1	331	214	.508	.694	.306	331.00	1	331	214	.508	.694	.306
179	4865.00	4	19,460	51880	1.154	.876	.124	--	--	--	--	--	--	--
180	155.81	107	16,672	947815	1.122	.869	.131	287.45	58	16,672	521433	1.035	.850	.150
181	830.53	34	28,238	484641	.097	.539	.461	1486.21	19	28,238	264187	-.115	.454	.454
182	224.71	62	13,932	434624	.086	.534	.466	366.63	38	13,932	283038	.739	.770	.230
183	241.75	8	1,934	7506	-.146	.442	.442	322.33	6	1,934	5308	-.361	.359	.359
184	173.00	5	865	2193	.055	.522	.478	173.00	5	865	2193	.055	.522	.478
185	2204.00	1	2,204	1219	.184	.573	.427	2204.00	1	2,204	1219	.184	.573	.427
186	190.42	12	2,285	14574	.378	.647	.353	326.43	7	2,285	10427	1.392	.918	.082
187	--	--	--	--	--	--	--	--	--	--	--	--	--	--
188	423.43	35	14,820	282007	.895	.815	.185	673.64	22	14,820	174830	.589	.722	.278
189	394.25	67	26,415	795777	-1.428	.077	.077	574.24	46	26,415	557870	-0.961	.168	.168
190	212.48	89	18,911	893344	1.006	.843	.157	370.80	51	18,911	510179	.717	.763	.237
191	400.59	32	12,819	191236	-.663	.254	.254	582.68	22	12,819	123257	-1.023	.153	.153
192	156.69	116	18,176	1203270	2.638	.996	.004	259.66	70	18,176	742700	2.427	.992	.008

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
193	608.20	20	12,164	161903	2.564	.995	.005	1013.67	12	12,164	93260	1.667	.952	.048
194	306.14	21	6,429	61592	-.695	.244	.244	535.75	12	6,429	35064	-.546	.293	.293
195	4743.00	2	9,486	4829	-1.203	.115	.115	9486.00	1	9,486	3968	-.283	.389	.389
196	306.38	47	14,400	329959	-.296	.384	.384	533.33	27	14,400	186898	-.347	.364	.364
197	269.83	30	8,095	122530	.086	.534	.466	449.72	18	8,095	77178	.436	.669	.331
198	214.66	59	12,665	429778	2.000	.977	.023	395.78	32	12,665	252292	2.401	.992	.008
199	140.91	162	22,827	1902471	.638	.738	.262	271.75	84	22,827	1034376	1.253	.895	.105
200	455.52	31	14,121	168577	-2.216	.013	.013	941.40	15	14,121	85509	-1.292	.098	.098
201	216.41	106	22,939	1164595	-.751	.227	.227	358.42	64	22,939	734411	.007	.503	.497
202	486.00	1	486	383	.998	.841	.159	486.00	1	486	383	.998	.841	.159
203	370.79	38	14,090	297188	1.176	.880	.120	640.46	22	14,090	181011	1.364	.914	.086
204	86.75	16	1,388	10453	-.406	.342	.342	173.50	8	1,388	5632	.071	.528	.472
205	--	--	--	--	--	--	--	--	--	--	--	--	--	--
206	2925.00	1	2,925	398	-1.261	.104	.104	2925.00	1	2,925	398	-1.261	.104	.104
207	--	--	--	--	--	--	--	--	--	--	--	--	--	--
208	2059.75	4	8,239	28652	2.559	.995	.005	2746.33	3	8,239	21841	2.302	.989	.011
209	201.20	76	15,291	633013	1.350	.911	.089	294.06	52	15,291	454271	1.782	.963	.037
210	390.18	11	4,292	36316	3.093	.999	.001	476.89	9	4,292	28800	2.552	.995	.005
211	1020.00	2	2,040	1544	-.596	.276	.276	2040.00	1	2,040	496	-.890	.187	.187
212	304.98	47	14,334	294032	-1.509	.066	.066	511.93	28	14,334	177843	-1.043	.149	.149
213	186.65	17	3,173	24901	-.548	.292	.292	317.30	10	3,173	13107	-.952	.171	.171
214	1162.00	1	1,162	279	-.900	.184	.184	--	--	--	--	--	--	--
215	801.00	1	801	99	-1.304	.096	.096	--	--	--	--	--	--	--
216	758.50	2	1,517	1446	-.115	.454	.454	758.50	2	1,517	1446	-.115	.454	.454
217	459.03	33	15,148	286658	1.462	.928	.072	797.26	19	15,148	172317	1.491	.932	.068
218	840.77	22	18,497	267252	2.547	.995	.005	2055.22	9	18,497	115292	2.001	.977	.023
219	--	--	--	--	--	--	--	--	--	--	--	--	--	--
220	429.84	57	24,501	635948	-1.167	.122	.122	720.62	34	24,501	365656	-1.233	.109	.109
221	81.33	58	4,717	128771	-.774	.220	.220	174.70	27	4,717	64708	.145	.558	.442
222	2197.00	9	19,773	111916	1.340	.910	.090	2824.71	7	19,773	78460	.613	.730	.270
223	464.93	14	6,509	57863	1.750	.960	.040	929.86	7	6,509	26449	.738	.770	.230
224	611.70	10	6,117	25921	-.835	.202	.202	1019.50	6	6,117	17386	-.223	.412	.412
225	182.06	65	11,834	334638	-1.814	.035	.035	328.72	36	11,834	174613	-1.873	.031	.031
226	530.91	63	33,447	962695	-1.186	.118	.118	857.62	39	33,447	635030	-.285	.388	.388
227	600.00	2	1,200	1059	-.288	.387	.387	1200.00	1	1,200	821	.638	.738	.262
228	190.15	179	34,037	3217699	1.304	.904	.096	286.03	119	34,037	2218404	1.803	.964	.036
229	260.29	35	9,110	161576	.138	.555	.445	379.58	24	9,110	112747	.266	.605	.395
230	653.20	49	32,007	805361	.328	.628	.372	1524.14	21	32,007	290316	-1.081	.140	.140
231	246.94	134	33,090	2250790	.305	.620	.380	429.74	77	33,090	1332590	.699	.758	.242
232	156.06	16	2,497	22280	.799	.788	.212	499.40	5	2,497	8092	1.148	.874	.126
233	135.01	128	17,281	1200817	1.680	.954	.046	230.41	75	17,281	682594	.800	.788	.212
234	1035.00	1	1,035	56	-1.545	.061	.061	--	--	--	--	--	--	--
235	220.51	106	23,374	1227879	-.158	.437	.437	477.02	49	23,374	564114	-.181	.428	.428
236	337.82	17	5,743	51500	.393	.653	.347	717.88	8	5,743	31004	1.713	.957	.043
237	157.45	118	18,579	1086052	-0.174	.431	.431	229.37	81	18,579	675300	-1.598	.055	.055
238	1064.75	4	4,259	11242	1.108	.866	.134	1419.67	3	4,259	8583	1.031	.849	.151
239	158.99	109	17,330	1009625	1.247	.894	.106	247.57	70	17,330	690326	2.002	.977	.023
240	3261.75	4	13,047	32182	.808	.790	.210	3261.75	4	13,047	32182	.808	.790	.210

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
241	317.00	118	37,406	2192019	-.127	.449	.449	575.48	65	37,406	1111414	-1.198	.116	.116
242	211.05	83	17,517	694820	-.698	.243	.243	350.34	50	17,517	418158	-.553	.290	.290
243	183.00	113	20,679	1156186	-.192	.424	.424	375.98	55	20,679	580662	.271	.607	.393
244	92.00	1	92	7	-1.469	.071	.071	92.00	1	92	7	-1.469	.071	.071
245	561.34	47	26,383	533547	-1.656	.049	.049	909.76	29	26,383	288489	-2.294	.011	.011
246	200.30	100	20,030	996201	-.092	.463	.463	317.94	63	20,030	613952	-.370	.356	.356
247	492.36	62	30,526	943632	-.039	.485	.485	744.54	41	30,526	623684	-.037	.485	.485
248	219.33	9	1,974	11562	1.567	.941	.059	329.00	6	1,974	6197	.197	.578	.422
249	177.35	17	3,015	28270	.736	.769	.231	274.09	11	3,015	18082	.520	.698	.302
250	495.27	15	7,429	55977	.031	.512	.488	675.36	11	7,429	35740	-.720	.236	.236
251	--	--	--	--	--	--	--	--	--	--	--	--	--	--
252	290.38	8	2,323	9986	.366	.643	.357	387.17	6	2,323	7667	.425	.665	.335
253	466.67	3	1,400	2948	1.211	.887	.113	466.67	3	1,400	2948	1.211	.887	.113
254	1391.79	14	19,485	112433	-1.139	.128	.128	3247.50	6	19,485	68184	.706	.760	.240
255	165.24	117	19,333	1283998	2.535	.994	.006	284.31	68	19,333	701380	.957	.831	.169
256	175.13	104	18,213	998011	.950	.829	.171	298.57	61	18,213	587270	.774	.780	.220
257	--	--	--	--	--	--	--	--	--	--	--	--	--	--
258	778.60	25	19,465	314435	2.532	.994	.006	1145.00	17	19,465	207297	1.806	.965	.035
259	410.82	11	4,519	23635	-.282	.389	.389	753.17	6	4,519	15148	.498	.691	.309
260	265.81	83	22,062	863542	-.897	.185	.185	565.69	39	22,062	402271	-.702	.241	.241
261	487.00	3	1,461	1583	-.833	.202	.202	1461.00	1	1,461	222	-1.206	.114	.114
262	291.83	23	6,712	71100	-.655	.256	.256	559.33	12	6,712	33301	-1.039	.150	.150
263	9269.00	2	18,538	20505	.260	.603	.397	9269.00	2	18,538	20505	.260	.603	.397
264	216.38	55	11,901	371327	1.729	.958	.042	276.77	43	11,901	301718	2.035	.979	.021
265	201.26	98	19,723	1009122	.758	.776	.224	358.60	55	19,723	585110	1.012	.844	.156
266	100.30	33	3,310	63218	1.567	.941	.059	174.21	19	3,310	36233	1.150	.875	.125
267	244.40	149	36,415	3175375	3.604	1.000	0	423.43	86	36,415	1810004	2.505	.994	.006
268	158.83	23	3,653	48935	1.369	.915	.085	260.93	14	3,653	26051	.122	.548	.452
269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
270	232.03	61	14,154	424107	-.238	.406	.406	337.00	42	14,154	286378	-.410	.341	.341
271	--	--	--	--	--	--	--	--	--	--	--	--	--	--
272	--	--	--	--	--	--	--	--	--	--	--	--	--	--
273	324.18	98	31,770	1538862	-.197	.422	.422	588.33	54	31,770	817089	-.604	.273	.273
274	344.94	33	11,383	226468	2.047	.980	.020	569.15	20	11,383	143371	2.010	.978	.022
275	300.38	8	2,403	7473	-1.090	.138	.138	600.75	4	2,403	4741	-.047	.481	.481
276	1291.40	5	6,457	16273	.031	.513	.487	2152.33	3	6,457	7665	-.626	.266	.266
277	224.20	5	1,121	2182	-.858	.196	.196	224.20	5	1,121	2182	-.858	.196	.196
278	215.27	55	11,840	324256	-.053	.479	.479	394.67	30	11,840	174972	-.140	.444	.444
279	--	--	--	--	--	--	--	--	--	--	--	--	--	--
280	867.63	19	16,485	186864	1.459	.928	.072	1648.50	10	16,485	104238	1.450	.926	.074
281	441.50	10	4,415	24042	.488	.687	.313	735.83	6	4,415	10237	-.964	.168	.168
282	335.25	4	1,341	3631	1.226	.890	.110	1341.00	1	1,341	319	-.908	.182	.182
283	313.15	62	19,415	618455	.376	.647	.354	554.71	35	19,415	359933	.608	.728	.272
284	297.97	32	9,535	172613	1.288	.901	.099	501.84	19	9,535	106037	1.288	.901	.099
285	161.07	202	32,536	3106669	-1.344	.089	.089	278.09	117	32,536	1802222	-0.996	.160	.160
286	622.82	60	37,369	1075139	-.550	.291	.291	1009.97	37	37,369	640889	-.769	.221	.221
287	456.50	4	1,826	5049	1.325	.907	.093	608.67	3	1,826	4083	1.472	.929	.071
288	439.40	30	13,182	196574	-.056	.478	.478	693.79	19	13,182	110448	-.891	.187	.187

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
289	1134.00	1	1,134	494	-.223	.412	.412	--	--	--	--	--	--	--
290	406.81	75	30,511	1260248	1.522	.936	.064	649.17	47	30,511	752241	.584	.720	.280
291	464.55	42	19,511	307747	-2.794	.003	.003	929.10	21	19,511	153316	-1.997	.023	.023
292	365.17	6	2,191	8620	1.321	.907	.093	438.20	5	2,191	8197	1.923	.973	.027
293	215.38	164	35,323	3067213	1.307	.904	.096	349.73	101	35,323	1934583	1.471	.929	.071
294	171.22	110	18,834	1096118	1.057	.855	.145	269.06	70	18,834	683733	.540	.705	.295
295	312.37	19	5,935	68267	1.591	.944	.056	539.55	11	5,935	36830	.737	.769	.231
296	173.65	99	17,191	877258	.533	.703	.297	286.52	60	17,191	485387	-.789	.215	.215
297	182.67	107	19,546	941909	-1.779	.038	.038	305.41	64	19,546	548731	-1.700	.045	.045
298	340.90	30	10,227	162381	.555	.711	.289	601.59	17	10,227	99680	1.048	.853	.148
299	--	--	--	--	--	--	--	--	--	--	--	--	--	--
300	1214.25	4	4,857	10918	.429	.666	.334	2428.50	2	4,857	5530	.339	.633	.367
301	1124.73	15	16,871	146430	1.055	.854	.146	2410.14	7	16,871	60252	.093	.537	.463
302	1930.90	10	19,309	117397	1.183	.882	.118	3218.17	6	19,309	71623	1.003	.842	.158
303	97.40	5	487	1443	.717	.763	.237	243.50	2	487	341	-.734	.231	.231
304	248.03	101	25,051	1249117	-.220	.413	.413	431.91	58	25,051	758235	.577	.718	.282
305	129.50	12	1,554	9045	-.180	.429	.429	172.67	9	1,554	8137	.850	.802	.198
306	149.42	249	37,205	4847599	1.272	.898	.102	246.39	151	37,205	3015652	1.566	.941	.059
307	621.35	34	21,126	403358	1.243	.893	.107	1408.40	15	21,126	204288	1.941	.974	.026
308	195.30	91	17,772	828420	.405	.657	.343	286.65	62	17,772	557044	.151	.560	.440
309	583.50	2	1,167	1542	.787	.784	.216	1167.00	1	1,167	1150	1.682	.954	.046
310	310.30	10	3,103	14367	-.405	.343	.343	620.60	5	3,103	5884	-.935	.175	.175
311	1902.00	2	3,804	6837	1.953	.975	.025	3804.00	1	3,804	3603	1.549	.939	.061
312	268.51	69	18,527	735645	2.171	.985	.015	451.88	41	18,527	400160	.594	.724	.276
313	308.13	8	2,465	9274	-.291	.385	.385	616.25	4	2,465	5711	.549	.708	.292
314	377.00	3	1,131	2061	.645	.740	.260	565.50	2	1,131	1475	.745	.772	.228
315	140.48	133	18,684	1414525	2.766	.997	.003	252.49	74	18,684	833374	3.062	.999	.001
316	659.67	3	1,979	2926	-.043	.483	.483	659.67	3	1,979	2926	-.043	.483	.483
317	542.33	3	1,627	1559	-1.084	.139	.139	813.50	2	1,627	544	-1.631	.052	.052
318	611.04	27	16,498	193587	-1.177	.120	.120	1499.82	11	16,498	67244	-1.487	.068	.068
319	311.50	12	3,738	18982	-.922	.178	.178	934.50	4	3,738	3968	-1.626	.052	.052
320	--	--	--	--	--	--	--	--	--	--	--	--	--	--
321	227.84	91	20,733	1016513	1.281	.900	.100	431.94	48	20,733	526208	.690	.755	.245
322	227.96	55	12,538	364715	.742	.771	.229	358.23	35	12,538	215971	-.161	.436	.436
323	315.53	17	5,364	47686	.328	.628	.372	536.40	10	5,364	30409	.733	.768	.232
324	277.21	114	31,602	1994650	1.985	.976	.024	464.74	68	31,602	1241557	2.221	.987	.013
325	532.38	8	4,259	13758	-.943	.173	.173	4259.00	1	4,259	3398	1.032	.849	.151
326	158.34	41	6,492	137607	.377	.647	.353	240.44	27	6,492	93094	.560	.712	.288
327	369.36	22	8,126	71363	-1.638	.051	.051	580.43	14	8,126	45100	-1.342	.090	.090
328	975.00	1	975	354	-.474	.318	.318	--	--	--	--	--	--	--
329	99.71	116	11,566	632474	-1.067	.143	.143	156.30	74	11,566	421256	-.233	.408	.408
330	174.77	209	36,526	3814930	-.013	.495	.495	341.36	107	36,526	2097928	1.318	.906	.094
331	418.63	16	6,698	66224	1.634	.949	.051	669.80	10	6,698	41041	1.235	.892	.108
332	370.71	86	31,881	1388241	.203	.581	.419	650.63	49	31,881	855284	1.152	.875	.125
333	214.36	100	21,436	1060448	-0.184	.427	.427	345.74	62	21,436	615031	-1.016	.155	.155
334	1187.85	13	15,442	128214	1.732	.958	.042	1715.78	9	15,442	80253	.805	.789	.211
335	1169.42	19	22,219	190289	-.744	.229	.229	4443.80	5	22,219	43507	-.840	.201	.201
336	414.00	5	2,070	4539	-.476	.317	.317	1035.00	2	2,070	1902	-.199	.421	.421

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
337	379.66	29	11,010	160392	.044	.517	.483	734.00	15	11,010	79466	-.253	.400	.400
338	444.39	13	5,777	43331	.961	.832	.168	825.29	7	5,777	24847	1.049	.853	.147
339	161.97	30	4,859	79732	.891	.814	.186	303.69	16	4,859	45648	1.208	.886	.114
340	195.00	32	6,240	99124	-.070	.472	.472	367.06	17	6,240	53090	.007	.503	.497
341	608.56	16	9,737	88172	.914	.820	.180	973.70	10	9,737	54941	.704	.759	.241
342	683.33	6	4,100	17989	1.962	.975	.025	820.00	5	4,100	13889	1.375	.915	.085
343	211.70	60	12,702	386193	.181	.572	.428	362.91	35	12,702	205412	-.778	.218	.218
344	235.81	146	34,428	2789631	2.302	.989	.011	405.04	85	34,428	1618296	1.693	.955	.045
345	121.25	4	485	988	.064	.526	.474	161.67	3	485	678	-.204	.419	.419
346	828.00	26	21,528	226848	-1.673	.047	.047	1794.00	12	21,528	99742	-1.367	.086	.086
347	1192.00	1	1,192	74	-1.517	.065	.065	1192.00	1	1,192	74	-1.517	.065	.065
348	587.68	19	11,166	124730	1.328	.908	.092	1395.75	8	11,166	53422	.961	.832	.168
349	429.27	26	11,161	154872	.595	.724	.276	744.07	15	11,161	87370	.294	.615	.385
350	512.42	55	28,183	792847	.295	.616	.384	805.23	35	28,183	524250	.645	.741	.259
351	386.50	10	3,865	21182	.526	.701	.299	966.25	4	3,865	8292	.252	.599	.401
352	1062.00	1	1,062	909	1.233	.891	.109	1062.00	1	1,062	909	1.233	.891	.109
353	191.59	17	3,257	28089	.104	.542	.458	814.25	4	3,257	10068	1.890	.971	.029
354	286.50	24	6,876	98615	1.656	.951	.049	528.92	13	6,876	46830	.299	.617	.383
355	279.25	40	11,170	213835	-.469	.320	.320	507.73	22	11,170	117533	-.353	.362	.362
356	328.38	109	35,793	1864696	-.797	.213	.213	586.77	61	35,793	991458	-1.242	.107	.107
357	478.59	66	31,587	1068387	.351	.637	.363	957.18	33	31,587	508714	-.238	.406	.406
358	449.62	42	18,884	414950	.520	.699	.301	993.90	19	18,884	195339	.671	.749	.251
359	1110.00	2	2,220	3600	1.523	.936	.064	2220.00	1	2,220	2046	1.461	.928	.072
360	362.00	2	724	828	.352	.638	.362	724.00	1	724	110	-1.206	.114	.114
361	--	--	--	--	--	--	--	--	--	--	--	--	--	--
362	175.45	121	21,229	1317190	.487	.687	.313	294.85	72	21,229	874019	2.111	.983	.017
363	136.75	16	2,188	16740	-.302	.381	.381	218.80	10	2,188	9646	-.648	.259	.259
364	136.97	70	9,588	324835	-.464	.321	.321	228.29	42	9,588	170266	-1.733	.042	.042
365	178.24	125	22,280	1364069	-.395	.346	.346	289.35	77	22,280	883044	.448	.673	.327
366	126.25	20	2,525	22675	-.790	.215	.215	132.90	19	2,525	21708	-.718	.237	.237
367	164.90	70	11,543	421646	.633	.737	.263	295.97	39	11,543	222622	-.119	.453	.453
368	366.35	23	8,426	92696	-.360	.359	.359	702.17	12	8,426	38233	-1.463	.072	.072
369	--	--	--	--	--	--	--	--	--	--	--	--	--	--
370	6537.00	1	6,537	2459	-.429	.334	.334	--	--	--	--	--	--	--
371	--	--	--	--	--	--	--	--	--	--	--	--	--	--
372	543.73	15	8,156	75519	1.574	.942	.058	815.60	10	8,156	46447	.761	.777	.223
373	--	--	--	--	--	--	--	--	--	--	--	--	--	--
374	874.00	1	874	828	1.550	.939	.061	--	--	--	--	--	--	--
375	510.52	21	10,721	99856	-.897	.185	.185	974.64	11	10,721	37456	-2.096	.018	.018
376	970.00	3	2,910	6164	1.236	.892	.108	970.00	3	2,910	6164	1.236	.892	.108
377	342.45	53	18,150	501616	.541	.706	.294	567.19	32	18,150	292945	.086	.534	.466
378	290.80	50	14,540	367334	.129	.551	.449	469.03	31	14,540	236531	.478	.684	.317
379	--	--	--	--	--	--	--	--	--	--	--	--	--	--
380	357.00	4	1,428	3424	.689	.754	.246	1428.00	1	1,428	1176	1.121	.869	.131
381	159.65	119	18,998	1267685	2.295	.989	.011	279.38	68	18,998	685020	0.864	.806	.194
382	98.67	3	296	305	-.939	.174	.174	--	--	--	--	--	--	--
383	345.21	94	32,450	1586563	.676	.750	.250	550.00	59	32,450	976829	.272	.607	.393
384	388.95	21	8,168	79589	-.572	.284	.284	628.31	13	8,168	49253	-.452	.326	.326

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
385	197.95	87	17,222	691271	-1.248	.106	.106	344.44	50	17,222	379027	-1.466	.071	.071
386	--	--	--	--	--	--	--	--	--	--	--	--	--	--
387	416.20	5	2,081	3648	-1.157	.124	.124	693.67	3	2,081	2765	-.343	.366	.366
388	308.00	8	2,464	6914	-1.462	.072	.072	1232.00	2	2,464	924	-1.531	.063	.063
389	363.00	1	363	331	1.427	.923	.077	363.00	1	363	331	1.427	.923	.077
390	133.41	131	17,476	1109857	-.603	.273	.273	196.36	89	17,476	714727	-1.323	.093	.093
391	354.93	45	15,972	359033	-.011	.496	.496	591.56	27	15,972	223791	.341	.633	.367
392	206.80	5	1,034	2132	-.679	.249	.249	258.50	4	1,034	1657	-.689	.246	.246
393	3531.33	3	10,594	11146	-.896	.185	.185	5297.00	2	10,594	11045	.104	.542	.458
394	--	--	--	--	--	--	--	--	--	--	--	--	--	--
395	222.32	41	9,115	196236	.557	.711	.289	536.18	17	9,115	65118	-1.139	.127	.127
396	205.17	96	19,696	958500	.235	.593	.407	364.74	54	19,696	588410	1.355	.912	.088
397	459.39	31	14,241	226970	.272	.607	.393	1017.21	14	14,241	97840	-.120	.452	.452
398	310.27	109	33,819	1819563	-.231	.409	.409	490.13	69	33,819	1189219	.277	.609	.391
399	265.11	74	19,618	707964	-.368	.357	.357	456.23	43	19,618	422078	.008	.503	.497
400	164.71	117	19,271	1160529	.551	.709	.291	296.48	65	19,271	642067	.351	.637	.363
401	1155.80	5	5,779	12958	-.399	.345	.345	1444.75	4	5,779	7742	-1.144	.126	.126
402	121.50	2	243	263	.202	.580	.420	243.00	1	243	24	-1.390	.082	.082
403	221.89	61	13,535	436144	.764	.778	.222	347.05	39	13,535	271205	.298	.617	.383
404	216.95	95	20,610	984084	.088	.535	.465	412.20	50	20,610	506025	-.219	.413	.413
405	371.38	32	11,884	213317	1.194	.884	.116	625.47	19	11,884	126044	.879	.810	.190
406	258.16	84	21,685	972961	1.084	.861	.139	409.15	53	21,685	643357	1.508	.934	.066
407	370.80	10	3,708	20985	.722	.765	.235	618.00	6	3,708	12357	.470	.681	.319
408	209.46	163	34,142	2820825	.304	.619	.381	371.11	92	34,142	1573816	.035	.514	.486
409	1216.00	1	1,216	423	-.527	.299	.299	--	--	--	--	--	--	--
410	236.03	61	14,398	449914	.332	.630	.370	378.90	38	14,398	272293	-.050	.480	.480
411	562.97	34	19,141	406526	2.518	.994	.006	1472.39	13	19,141	152808	1.425	.923	.077
412	272.49	51	13,897	428444	2.585	.995	.005	421.12	33	13,897	282503	2.309	.990	.010
413	310.95	97	30,162	1477100	.166	.566	.434	591.41	51	30,162	756639	-.201	.420	.420
414	163.00	21	3,423	36173	.051	.520	.480	213.94	16	3,423	28681	.328	.629	.371
415	693.23	31	21,490	320582	-.362	.359	.359	1074.50	20	21,490	213551	-.049	.481	.481
416	716.74	27	19,352	234264	-.930	.176	.176	1488.62	13	19,352	125425	-.018	.493	.493
417	438.86	7	3,072	16364	2.392	.992	.008	512.00	6	3,072	13789	2.105	.982	.018
418	958.65	26	24,925	318745	-.144	.443	.443	2265.91	11	24,925	127957	-.383	.351	.351
419	248.99	91	22,658	924306	-1.709	.044	.044	419.59	54	22,658	530869	-1.683	.046	.046
420	598.06	32	19,138	379722	2.352	.991	.009	1125.77	17	19,138	184154	.943	.827	.173
421	3465.67	9	31,191	147592	.268	.606	.394	4455.86	7	31,191	111061	.079	.532	.468
422	1931.50	6	11,589	24648	-1.235	.109	.109	2317.80	5	11,589	17234	-1.569	.058	.058
423	527.09	22	11,596	131146	.229	.590	.410	892.00	13	11,596	65108	-.851	.198	.198
424	--	--	--	--	--	--	--	--	--	--	--	--	--	--
425	1417.47	15	21,262	157992	-.062	.475	.475	3037.43	7	21,262	94005	1.206	.886	.114
426	992.61	18	17,867	146276	-.664	.253	.253	2233.38	8	17,867	63246	-.564	.287	.287
427	--	--	--	--	--	--	--	--	--	--	--	--	--	--
428	282.24	17	4,798	46141	.938	.826	.174	436.18	11	4,798	27912	.332	.630	.370
429	541.20	10	5,412	20392	-1.350	.089	.089	1353.00	4	5,412	4867	-1.907	.028	.028
430	278.59	32	8,915	160305	1.213	.887	.113	685.77	13	8,915	66888	.964	.832	.168
431	550.86	7	3,856	11573	-.653	.257	.257	771.20	5	3,856	7556	-.837	.201	.201
432	131.64	66	8,688	225229	-3.017	.001	.001	228.63	38	8,688	127682	-2.418	.008	.008

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
433	291.00	94	27,354	1243528	-.550	.291	.291	463.63	59	27,354	683748	-2.031	.021	.021
434	230.46	59	13,597	395077	-.200	.421	.421	543.88	25	13,597	165898	-.207	.418	.418
435	147.57	7	1,033	5323	2.164	.985	.015	258.25	4	1,033	3498	2.401	.992	.008
436	309.09	94	29,054	1478357	1.387	.917	.083	468.61	62	29,054	968007	1.020	.846	.154
437	109.62	231	25,322	2960914	.326	.628	.372	190.39	133	25,322	1668013	-.189	.425	.425
438	230.51	81	18,671	771761	.321	.626	.374	366.10	51	18,671	464415	-.304	.381	.381
439	371.09	22	8,164	82502	-.661	.255	.255	680.33	12	8,164	47511	-.180	.428	.428
440	273.59	34	9,302	169138	.703	.759	.241	372.08	25	9,302	113189	-.230	.409	.409
441	1483.31	16	23,733	198349	.310	.622	.378	3955.50	6	23,733	69689	-.090	.464	.464
442	196.45	65	12,769	481780	2.247	.988	.012	327.41	39	12,769	283853	1.514	.935	.065
443	295.16	44	12,987	271920	-.555	.290	.290	418.94	31	12,987	191941	-.448	.327	.327
444	403.25	4	1,613	4637	1.515	.935	.065	537.67	3	1,613	3070	.807	.790	.210
445	660.00	29	19,140	301219	.796	.787	.213	1276.00	15	19,140	148665	.239	.594	.406
446	392.33	3	1,177	2912	1.948	.974	.026	588.50	2	1,177	2147	2.019	.978	.022
447	573.45	40	22,938	441064	-.423	.336	.336	1092.29	21	22,938	227427	-.442	.329	.329
448	244.40	129	31,527	1782422	-2.429	.008	.008	404.19	78	31,527	1094310	-1.683	.046	.046
449	166.16	32	5,317	74905	-1.171	.121	.121	241.68	22	5,317	46629	-1.647	.050	.050
450	171.11	120	20,533	1244170	.188	.574	.426	266.66	77	20,533	813650	.445	.672	.328
451	185.40	30	5,562	82209	-.139	.445	.445	231.75	24	5,562	70064	.422	.664	.336
452	304.00	1	304	267	1.310	.905	.095	304.00	1	304	267	1.310	.905	.095
453	2103.00	1	2,103	1405	.582	.720	.280	--	--	--	--	--	--	--
454	756.76	42	31,784	650525	-.285	.388	.388	1222.46	26	31,784	364338	-1.044	.148	.148
455	887.00	1	887	525	.318	.625	.375	--	--	--	--	--	--	--
456	--	--	--	--	--	--	--	--	--	--	--	--	--	--
457	113.67	3	341	640	.754	.774	.226	--	--	--	--	--	--	--
458	151.78	41	6,223	121402	-.536	.296	.296	259.29	24	6,223	63769	-1.239	.108	.108
459	160.14	7	1,121	3787	-.159	.437	.437	224.20	5	1,121	3024	.306	.620	.380
460	228.90	143	32,732	2245601	-.838	.201	.201	404.10	81	32,732	1236357	-1.050	.147	.147
461	282.43	109	30,785	1627288	-.544	.293	.293	446.16	69	30,785	997168	-.879	.190	.190
462	249.86	71	17,740	614815	-.347	.364	.364	506.86	35	17,740	261964	-1.600	.055	.055
463	207.69	36	7,477	134756	.013	.505	.495	373.85	20	7,477	72826	-.201	.420	.420
464	187.50	120	22,500	1331544	-.259	.398	.398	330.88	68	22,500	722863	-.787	.216	.216
465	393.20	5	1,966	6395	1.166	.878	.122	983.00	2	1,966	2914	1.181	.881	.119
466	178.46	147	26,233	1974177	.502	.692	.308	305.04	86	26,233	1257357	1.842	.967	.033
467	2765.75	4	11,063	23562	.225	.589	.411	5531.50	2	11,063	13456	.530	.702	.298
468	165.50	6	993	1778	-1.710	.044	.044	198.60	5	993	904	-2.463	.007	.007
469	188.87	52	9,821	262553	.353	.638	.362	327.37	30	9,821	170154	1.471	.929	.071
470	--	--	--	--	--	--	--	--	--	--	--	--	--	--
471	252.60	53	13,388	392891	1.355	.912	.088	478.14	28	13,388	208577	1.034	.849	.151
472	146.61	23	3,372	49348	2.264	.988	.012	210.75	16	3,372	38648	2.998	.999	.001
473	240.33	80	19,226	811068	.847	.801	.199	417.96	46	19,226	453254	.294	.616	.384
474	370.24	68	25,176	855911	-.001	.500	.500	645.54	39	25,176	519920	.639	.738	.262
475	194.87	164	31,959	2834839	1.813	.965	.035	301.50	106	31,959	1866767	1.821	.966	.034
476	175.36	104	18,237	934927	-.250	.401	.401	260.53	70	18,237	675038	.834	.798	.202
477	262.56	16	4,201	43014	1.939	.974	.026	381.91	11	4,201	26939	0.953	.830	.170
478	221.76	104	23,063	1172851	-.389	.349	.349	427.09	54	23,063	632650	.203	.581	.419
479	119.47	15	1,792	11157	-1.140	.127	.127	224.00	8	1,792	6765	-.275	.391	.391
480	177.63	32	5,684	86185	-.513	.304	.304	315.78	18	5,684	58220	1.015	.845	.155

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
481	105.42	120	12,650	905938	3.673	1.000	0	164.29	77	12,650	556385	2.165	.985	.015
482	247.27	15	3,709	22441	-1.297	.097	.097	370.90	10	3,709	10148	-2.480	.007	.007
483	453.43	7	3,174	9714	-.576	.283	.283	793.50	4	3,174	5020	-.725	.234	.234
484	182.40	15	2,736	19246	-.417	.339	.339	248.73	11	2,736	13685	-.520	.301	.301
485	848.00	1	848	200	-.915	.180	.180	848.00	1	848	200	-.915	.180	.180
486	409.17	85	34,779	1637199	1.719	.957	.043	772.87	45	34,779	872617	1.338	.909	.091
487	299.54	35	10,484	163705	-1.104	.135	.135	499.24	21	10,484	89190	-1.506	.066	.066
488	1480.95	19	28,138	226901	-1.141	.127	.127	3126.44	9	28,138	114129	-.513	.304	.304
489	270.40	43	11,627	266036	.730	.767	.233	387.57	30	11,627	193162	1.020	.846	.154
490	325.08	24	7,802	125017	2.845	.998	.002	780.20	10	7,802	50333	1.590	.944	.056
491	202.70	63	12,770	413105	.371	.645	.355	364.86	35	12,770	221198	-.104	.458	.458
492	272.70	92	25,088	1131296	-.328	.372	.372	501.76	50	25,088	568979	-1.137	.128	.128
493	197.02	181	35,661	3386237	1.147	.874	.126	353.08	101	35,661	1875666	.723	.765	.235
494	163.96	26	4,263	61561	.979	.836	.164	327.92	13	4,263	31748	.910	.819	.181
495	147.42	138	20,344	1499024	1.381	.916	.084	251.16	81	20,344	852250	.536	.704	.296
496	862.28	25	21,557	192756	-2.465	.007	.007	1658.23	13	21,557	96266	-1.955	.025	.025
497	--	--	--	--	--	--	--	--	--	--	--	--	--	--
498	211.88	90	19,069	918608	1.159	.877	.123	353.13	54	19,069	536464	.534	.703	.297
499	493.00	36	17,748	332738	.432	.667	.333	806.73	22	17,748	208233	.541	.706	.294
500	231.20	5	1,156	4075	1.588	.944	.056	231.20	5	1,156	4075	1.588	.944	.056
501	255.60	20	5,112	45139	-.906	.182	.182	393.23	13	5,112	34192	.181	.572	.428
502	188.70	162	30,570	2893298	3.714	1.000	0	339.67	90	30,570	1641821	3.179	.999	.001
503	556.36	11	6,120	35060	.239	.594	.406	874.29	7	6,120	23750	.499	.691	.309
504	1227.67	3	3,683	7780	1.225	.890	.110	1227.67	3	3,683	7780	1.225	.890	.110
505	--	--	--	--	--	--	--	--	--	--	--	--	--	--
506	194.80	192	37,401	3962934	2.490	.994	.006	328.08	114	37,401	2292821	1.396	.919	.081
507	107.39	13	1,396	9955	.606	.728	.272	279.20	5	1,396	3742	.280	.610	.390
508	397.05	40	15,882	360670	1.484	.931	.069	661.75	24	15,882	223709	1.475	.930	.070
509	520.80	49	25,519	618035	-.139	.445	.445	850.63	30	25,519	359953	-.566	.286	.286
510	--	--	--	--	--	--	--	--	--	--	--	--	--	--
511	167.49	111	18,591	1165695	2.368	.991	.009	331.98	56	18,591	614811	2.347	.991	.009
512	264.98	119	31,532	1899486	.235	.593	.407	450.46	70	31,532	1108722	.067	.527	.473
513	361.12	59	21,306	707225	1.666	.952	.048	560.68	38	21,306	467074	1.642	.950	.050
514	--	--	--	--	--	--	--	--	--	--	--	--	--	--
515	1340.33	12	16,084	115729	1.195	.884	.116	2680.67	6	16,084	64498	1.429	.923	.077
516	--	--	--	--	--	--	--	--	--	--	--	--	--	--
517	1304.00	15	19,560	207871	2.797	.997	.003	3912.00	5	19,560	75935	2.141	.984	.016
518	582.35	63	36,688	1018146	-1.636	.051	.051	940.72	39	36,688	652451	-.952	.171	.171
519	643.00	12	7,716	52143	.758	.776	.224	1929.00	4	7,716	16427	.223	.588	.412
520	670.00	1	670	641	1.582	.943	.057	--	--	--	--	--	--	--
521	181.86	98	17,822	956856	1.641	.950	.050	371.29	48	17,822	447418	.552	.710	.290
522	389.58	19	7,402	64859	-.586	.279	.279	616.83	12	7,402	40073	-.586	.279	.279
523	543.43	7	3,804	14234	.317	.624	.376	634.00	6	3,804	12642	.457	.676	.324
524	--	--	--	--	--	--	--	--	--	--	--	--	--	--
525	--	--	--	--	--	--	--	--	--	--	--	--	--	--
526	346.39	94	32,561	1583688	0.585	.721	.279	551.88	59	32,561	983596	0.319	.625	.375
527	167.15	52	8,692	229133	.174	.569	.431	310.43	28	8,692	120395	-.097	.461	.461
528	108.86	29	3,157	47473	.346	.635	.365	185.71	17	3,157	25051	-.475	.318	.318

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
529	186.82	62	11,583	372903	.525	.700	.300	297.00	39	11,583	241729	.760	.776	.224
530	180.55	189	34,124	3179008	-.338	.368	.368	331.30	103	34,124	1773946	.166	.566	.434
531	212.10	30	6,363	102445	.696	.757	.243	353.50	18	6,363	68600	1.454	.927	.073
532	400.62	90	36,056	1710638	.892	.814	.186	680.30	53	36,056	1015890	.797	.787	.213
533	919.89	28	25,757	372170	.294	.616	.384	2146.42	12	25,757	170491	.619	.732	.268
534	493.00	2	986	1601	1.528	.937	.063	493.00	2	986	1601	1.528	.937	.063
535	262.21	160	41,954	3293077	-.413	.340	.340	466.16	90	41,954	1876573	-.099	.461	.461
536	--	--	--	--	--	--	--	--	--	--	--	--	--	--
537	354.04	90	31,864	1514423	.923	.822	.178	579.35	55	31,864	980385	1.526	.937	.063
538	572.50	4	2,290	4406	-.132	.448	.448	1145.00	2	2,290	2136	-.165	.435	.435
539	704.50	28	19,726	311245	1.164	.878	.122	1232.88	16	19,726	187568	1.307	.904	.096
540	333.20	5	1,666	5263	1.021	.846	.154	555.33	3	1,666	2853	.425	.665	.335
541	245.00	143	35,035	2529622	.204	.581	.419	412.18	85	35,035	1615821	1.360	.913	.087
542	197.33	6	1,184	2935	-.737	.231	.231	394.67	3	1,184	1634	-.240	.405	.405
543	1046.63	8	8,373	31105	-.349	.363	.363	1674.60	5	8,373	21600	.124	.549	.451
544	250.68	117	29,330	1636952	-.861	.195	.195	437.76	67	29,330	966982	-.225	.411	.411
545	524.81	16	8,397	51548	-1.612	.054	.054	645.92	13	8,397	42443	-1.389	.082	.082
546	159.41	197	31,403	3270830	1.396	.919	.081	268.40	117	31,403	1883998	.479	.684	.316
547	339.42	52	17,650	463334	.121	.548	.452	767.39	23	17,650	229759	1.096	.863	.137
548	154.26	85	13,112	549594	-.220	.413	.413	312.19	42	13,112	238143	-1.517	.065	.065
549	--	--	--	--	--	--	--	--	--	--	--	--	--	--
550	209.50	4	838	1825	.308	.621	.379	279.33	3	838	1342	.203	.580	.420
551	156.74	35	5,486	97418	.151	.560	.440	288.74	19	5,486	58361	.905	.817	.183
552	167.24	117	19,567	1249669	1.719	.957	.043	275.59	71	19,567	777566	1.743	.959	.041
553	--	--	--	--	--	--	--	--	--	--	--	--	--	--
554	167.62	71	11,901	398903	-.815	.208	.208	276.77	43	11,901	252178	-.164	.435	.435
555	--	--	--	--	--	--	--	--	--	--	--	--	--	--
556	119.01	168	19,994	1689794	.138	.555	.445	197.96	101	19,994	1055271	.786	.784	.216
557	--	--	--	--	--	--	--	--	--	--	--	--	--	--
558	101.38	21	2,129	22349	-.002	.499	.499	141.93	15	2,129	16692	.304	.620	.380
559	584.00	1	584	122	-1.008	.157	.157	584.00	1	584	122	-1.008	.157	.157
560	--	--	--	--	--	--	--	--	--	--	--	--	--	--
561	144.65	123	17,792	1317844	3.926	1.000	0	199.91	89	17,792	950396	3.274	.999	.001
562	137.94	150	20,691	1651326	1.360	.913	.087	213.31	97	20,691	1045524	.714	.762	.238
563	149.50	113	16,893	1031994	1.496	.933	.067	244.83	69	16,893	621461	.954	.830	.170
564	160.84	118	18,979	1236431	1.960	.975	.025	279.10	68	18,979	731327	1.904	.972	.028
565	92.40	53	4,897	155307	2.481	.993	.007	139.91	35	4,897	98900	1.579	.943	.057
566	122.80	122	14,981	935640	.456	.676	.324	187.26	80	14,981	629811	.790	.785	.215
567	274.75	32	8,792	176482	2.494	.994	.006	399.64	22	8,792	124070	2.298	.989	.011
568	163.04	97	15,815	834257	1.495	.933	.067	292.87	54	15,815	491474	1.922	.973	.027
569	158.93	58	9,218	244577	-1.122	.131	.131	263.37	35	9,218	148674	-.803	.211	.211
570	117.32	31	3,637	56310	-.011	.496	.496	158.13	23	3,637	45071	.645	.740	.260
571	140.57	129	18,133	1388712	3.686	1.000	0	235.49	77	18,133	798074	2.176	.985	.015
572	266.02	48	12,769	327302	.816	.793	.207	425.63	30	12,769	210117	.920	.821	.179
573	420.08	12	5,041	28955	-0.256	.399	.399	560.11	9	5,041	22819	0.031	.512	.488
574	131.33	85	11,163	516347	1.411	.921	.079	195.84	57	11,163	340841	.933	.825	.176
575	372.36	47	17,501	444649	.964	.832	.168	760.91	23	17,501	190757	-.434	.332	.332
576	258.36	14	3,617	27321	.512	.696	.304	401.89	9	3,617	17807	.489	.687	.313

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
577	299.48	62	18,568	622871	1.120	.869	.131	488.63	38	18,568	447594	2.869	.998	.002
578	178.27	113	20,145	1155342	.277	.609	.391	305.23	66	20,145	675573	.228	.590	.410
579	281.80	50	14,090	326818	-.884	.188	.188	469.67	30	14,090	187776	-1.058	.145	.145
580	--	--	--	--	--	--	--	--	--	--	--	--	--	--
581	139.29	17	2,368	20310	.065	.526	.474	197.33	12	2,368	14664	.193	.576	.424
582	240.20	77	18,495	798680	1.849	.968	.032	420.34	44	18,495	458655	1.462	.928	.072
583	1244.77	13	16,182	120699	.921	.821	.179	1798.00	9	16,182	89194	1.169	.879	.121
584	--	--	--	--	--	--	--	--	--	--	--	--	--	--
585	345.53	38	13,130	252461	.128	.551	.449	691.05	19	13,130	105878	-1.141	.127	.127
586	--	--	--	--	--	--	--	--	--	--	--	--	--	--
587	202.83	18	3,651	37112	.951	.829	.171	331.91	11	3,651	23203	.893	.814	.186
588	388.64	22	8,550	90207	-.332	.370	.370	570.00	15	8,550	54728	-.983	.163	.163
589	168.03	39	6,553	139764	1.014	.845	.155	262.12	25	6,553	91326	.995	.840	.160
590	185.00	2	370	500	.861	.805	.195	185.00	2	370	500	.861	.805	.195
591	192.26	19	3,653	36553	.402	.656	.344	304.42	12	3,653	22270	.096	.538	.462
592	334.49	66	22,076	766386	.732	.768	.232	668.97	33	22,076	371516	.198	.579	.421
593	189.20	82	15,514	674293	.942	.827	.173	330.09	47	15,514	417494	1.723	.958	.042
594	255.39	23	5,874	82807	1.876	.970	.030	419.57	14	5,874	46437	.838	.799	.201
595	341.70	27	9,226	101748	-1.648	.050	.050	542.71	17	9,226	60180	-1.661	.048	.048
596	279.46	92	25,710	1317948	1.900	.971	.029	514.20	50	25,710	608068	-.661	.254	.254
597	132.71	155	20,570	1896218	4.086	1.000	0	218.83	94	20,570	1179264	3.691	1.000	0
598	149.57	7	1,047	2458	-1.509	.066	.066	174.50	6	1,047	2360	-1.055	.146	.146
599	804.50	22	17,699	222645	1.167	.878	.122	1966.56	9	17,699	104431	1.617	.947	.053
600	217.02	90	19,532	854468	-.458	.324	.324	305.19	64	19,532	589014	-.798	.212	.212
601	187.90	172	32,319	2671262	-.884	.188	.188	310.76	104	32,319	1634736	-.482	.315	.315
602	183.08	84	15,379	661760	.389	.651	.349	341.76	45	15,379	325050	-.704	.241	.241
603	177.89	35	6,226	133699	2.327	.990	.010	270.70	23	6,226	84623	1.511	.935	.065
604	255.77	48	12,277	306501	.483	.685	.315	438.46	28	12,277	199218	1.458	.928	.072
605	477.69	13	6,210	48581	1.271	.898	.102	1035.00	6	6,210	18812	.041	.517	.483
606	376.14	14	5,266	44437	1.332	.909	.092	478.73	11	5,266	31987	.600	.726	.274
607	973.75	4	3,895	9116	.590	.722	.278	1947.50	2	3,895	6513	1.646	.950	.050
608	246.07	86	21,162	943321	.589	.722	.278	450.26	47	21,162	527893	.730	.767	.233
609	2895.00	1	2,895	2440	1.188	.882	.118	2895.00	1	2,895	2440	1.188	.882	.118
610	423.43	72	30,487	966796	-1.751	.040	.040	781.72	39	30,487	522805	-1.304	.096	.096
611	913.22	9	8,219	44097	.999	.841	.159	1643.80	5	8,219	28521	1.503	.934	.066
612	361.00	10	3,610	23968	1.796	.964	.036	601.67	6	3,610	15395	1.788	.963	.037
613	172.25	4	689	1003	-.943	.173	.173	689.00	1	689	200	-.727	.234	.234
614	479.14	7	3,354	7764	-1.552	.060	.060	559.00	6	3,354	5240	-2.033	.021	.021
615	--	--	--	--	--	--	--	--	--	--	--	--	--	--
616	156.50	12	1,878	9777	-.794	.214	.214	268.29	7	1,878	7060	.340	.633	.367
617	175.30	10	1,753	6434	-1.457	.073	.073	350.60	5	1,753	4652	.238	.594	.406
618	191.13	108	20,642	1237155	1.978	.976	.024	322.53	64	20,642	773229	2.364	.991	.009
619	265.82	107	28,443	1477962	-.515	.303	.303	482.09	59	28,443	827281	-.187	.426	.426
620	--	--	--	--	--	--	--	--	--	--	--	--	--	--
621	161.75	102	16,498	849254	0.163	.565	.435	294.61	56	16,498	420805	-1.154	.124	.124
622	206.77	175	36,185	3166373	.001	.501	.499	361.85	100	36,185	1790740	-.177	.430	.430
623	460.25	16	7,364	54593	-.508	.306	.306	669.46	11	7,364	41666	.165	.566	.434
624	149.54	13	1,944	11432	-.595	.276	.276	243.00	8	1,944	8049	.172	.568	.432

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
625	237.14	42	9,960	227368	.977	.836	.164	355.71	28	9,960	148553	.599	.725	.275
626	251.79	43	10,827	225454	-.358	.360	.360	386.68	28	10,827	148865	-.164	.435	.435
627	5910.50	2	11,821	18539	1.392	.918	.082	--	--	--	--	--	--	--
628	2501.50	2	5,003	1908	-1.515	.065	.065	2501.50	2	5,003	1908	-1.515	.065	.065
629	300.59	88	26,452	1139410	-.342	.366	.366	448.34	59	26,452	824766	.758	.776	.224
630	242.02	41	9,923	177168	-1.431	.076	.076	413.46	24	9,923	101418	-1.258	.104	.104
631	231.79	47	10,894	272181	.750	.773	.227	330.12	33	10,894	171132	-.477	.317	.317
632	418.95	19	7,960	90596	1.495	.933	.067	884.44	9	7,960	50410	2.117	.983	.017
633	189.11	9	1,702	6818	-.571	.284	.284	283.67	6	1,702	5037	-.057	.477	.477
634	--	--	--	--	--	--	--	--	--	--	--	--	--	--
635	250.86	107	26,842	1490221	.676	.750	.250	400.63	67	26,842	959184	.946	.828	.172
636	112.12	185	20,742	1905762	-.158	.437	.437	209.52	99	20,742	1045131	.309	.621	.379
637	542.44	45	24,410	629690	1.702	.956	.044	1109.55	22	24,410	342450	2.237	.987	.013
638	585.00	19	11,115	113017	.531	.702	.298	1010.46	11	11,115	68967	.736	.769	.231
639	326.50	16	5,224	50313	1.413	.921	.079	1044.80	5	5,224	16545	1.034	.849	.151
640	112.79	52	5,865	161865	.768	.779	.221	183.28	32	5,865	105514	1.219	.889	.111
641	1196.00	1	1,196	1059	1.335	.909	.091	1196.00	1	1,196	1059	1.335	.909	.091
642	--	--	--	--	--	--	--	--	--	--	--	--	--	--
643	206.62	159	32,853	2580330	-.263	.396	.396	309.93	106	32,853	1653434	-.899	.184	.184
644	618.25	4	2,473	7246	1.611	.946	.054	824.33	3	2,473	5774	1.670	.952	.048
645	365.89	75	27,442	985565	-.634	.263	.263	560.04	49	27,442	661816	-.190	.425	.425
646	10357.50	2	20,715	21331	.073	.529	.471	20715.00	1	20,715	5666	-.785	.216	.216
647	181.40	5	907	2742	.811	.791	.209	907.00	1	907	782	1.255	.895	.105
648	273.29	7	1,913	6922	.155	.562	.438	478.25	4	1,913	3471	-.321	.374	.374
649	4085.00	2	8,170	5783	-.716	.237	.237	8170.00	1	8,170	2891	-.506	.306	.306
650	436.09	33	14,391	219972	-.732	.232	.232	757.42	19	14,391	140654	.218	.586	.414
651	700.50	4	2,802	8291	1.661	.952	.048	1401.00	2	2,802	4525	1.506	.934	.066
652	798.00	1	798	490	.395	.654	.346	--	--	--	--	--	--	--
653	361.00	3	1,083	1254	-.684	.247	.247	1083.00	1	1,083	233	-.987	.162	.162
654	796.23	13	10,351	87984	1.922	.973	.027	1725.17	6	10,351	43649	1.721	.957	.043
655	476.83	6	2,861	4779	-1.880	.030	.030	572.20	5	2,861	3932	-1.744	.041	.041
656	128.19	37	4,743	75922	-1.420	.078	.078	249.63	19	4,743	41400	-.613	.270	.270
657	552.14	21	11,595	115890	-.382	.351	.351	966.25	12	11,595	62197	-.636	.262	.262
658	337.00	17	5,729	43746	-.726	.234	.234	572.90	10	5,729	27811	-.160	.437	.437
659	277.60	10	2,776	12238	-.648	.259	.259	462.67	6	2,776	5111	-1.639	.051	.051
660	145.61	33	4,805	86145	.861	.805	.195	300.31	16	4,805	41411	.536	.704	.296
661	123.13	23	2,832	30195	-.605	.273	.273	202.29	14	2,832	23059	1.058	.855	.145
662	305.00	18	5,490	45952	-.514	.304	.304	549.00	10	5,490	24785	-.532	.297	.297
663	1087.40	30	32,622	528270	.755	.775	.225	1812.33	18	32,622	294658	.027	.511	.489
664	407.52	91	37,084	1620860	-.651	.258	.258	741.68	50	37,084	899510	-.365	.358	.358
665	941.30	20	18,826	188120	-.006	.498	.498	1448.15	13	18,826	106314	-.819	.206	.206
666	433.00	3	1,299	2362	.637	.738	.262	649.50	2	1,299	2131	1.569	.942	.058
667	402.62	34	13,689	173564	-2.567	.005	.005	622.23	22	13,689	99177	-2.773	.003	.003
668	517.40	15	7,761	46458	-1.354	.088	.088	970.13	8	7,761	28748	-.362	.359	.359
669	298.74	19	5,676	59187	0.737	.769	.231	516.00	11	5,676	29607	-0.296	.383	.383
670	424.25	20	8,485	74546	-.941	.174	.174	606.07	14	8,485	57706	-.184	.427	.427
671	226.47	83	18,797	894524	2.315	.990	.010	427.21	44	18,797	459953	1.290	.901	.099
672	429.87	45	19,344	447570	.329	.629	.371	690.86	28	19,344	290008	.650	.742	.258

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
673	609.00	9	5,481	27999	.703	.759	.241	609.00	9	5,481	27999	.703	.759	.241
674	198.67	9	1,788	7302	-.481	.315	.315	223.50	8	1,788	6943	-.143	.443	.443
675	240.82	11	2,649	11313	-1.284	.100	.100	441.50	6	2,649	7546	-.214	.415	.415
676	277.00	12	3,324	15045	-1.474	.070	.070	554.00	6	3,324	8369	-.682	.248	.248
677	856.04	24	20,545	254036	.258	.602	.398	1712.08	12	20,545	101314	-1.069	.143	.143
678	--	--	--	--	--	--	--	--	--	--	--	--	--	--
679	838.15	27	22,630	305087	-.012	.495	.495	1616.43	14	22,630	150465	-.325	.373	.373
680	436.00	10	4,360	23664	.468	.680	.320	726.67	6	4,360	15053	.640	.739	.261
681	419.00	2	838	472	-1.070	.142	.142	838.00	1	838	439	.083	.533	.467
682	339.47	15	5,092	39076	.156	.562	.438	848.67	6	5,092	19799	1.256	.895	.105
683	221.80	55	12,199	333214	-.087	.465	.465	381.22	32	12,199	176277	-.949	.171	.171
684	228.27	68	15,522	488562	-1.061	.145	.145	419.51	37	15,522	298069	.400	.656	.344
685	108.03	326	35,218	6194764	2.475	.993	.007	175.21	201	35,218	3808734	1.869	.969	.031
686	307.74	19	5,847	70153	1.985	.976	.024	487.25	12	5,847	41304	1.064	.856	.144
687	774.00	2	1,548	1411	-.217	.414	.414	1548.00	1	1,548	1285	1.144	.874	.126
688	160.25	28	4,487	78934	2.351	.991	.009	213.67	21	4,487	61691	2.456	.993	.007
689	196.63	30	5,899	93020	.486	.687	.313	393.27	15	5,899	45951	.259	.602	.398
690	154.65	81	12,527	497109	-.315	.377	.377	313.18	40	12,527	221819	-1.256	.105	.105
691	127.22	144	18,319	1521872	3.197	.999	.001	218.08	84	18,319	893719	2.565	.995	.005
692	284.73	66	18,792	708766	2.011	.978	.022	447.43	42	18,792	424791	.858	.804	.196
693	1197.69	16	19,163	144315	-.406	.342	.342	1742.09	11	19,163	94551	-.591	.277	.277
694	280.81	26	7,301	84137	-1.003	.158	.158	456.31	16	7,301	55460	-.350	.363	.363
695	1127.58	12	13,531	98975	1.315	.906	.094	2706.20	5	13,531	29142	-.537	.296	.296
696	854.80	15	12,822	62805	-2.327	.010	.010	1424.67	9	12,822	41702	-1.441	.075	.075
697	155.16	152	23,585	1790229	-.027	.489	.489	235.85	100	23,585	1163826	-.227	.410	.410
698	469.08	80	37,526	1461466	-.408	.342	.342	815.78	46	37,526	854495	-.117	.453	.453
699	395.75	4	1,583	2082	-1.186	.118	.118	527.67	3	1,583	1107	-1.601	.055	.055
700	216.07	91	19,662	929879	.651	.742	.258	370.98	53	19,662	585556	1.561	.941	.059
701	199.22	9	1,793	7595	-.305	.380	.380	224.13	8	1,793	7008	-.112	.455	.455
702	404.00	3	1,212	1198	-1.023	.153	.153	404.00	3	1,212	1198	-1.023	.153	.153
703	224.86	21	4,722	60619	1.767	.961	.039	363.23	13	4,722	35745	1.028	.848	.152
704	424.00	1	424	24	-1.536	.062	.062	--	--	--	--	--	--	--
705	217.68	59	12,843	402563	.832	.797	.203	428.10	30	12,843	204200	.569	.715	.285
706	213.57	168	35,879	3251254	1.769	.962	.038	348.34	103	35,879	2084175	2.249	.988	.012
707	157.76	59	9,308	293177	.901	.816	.184	310.27	30	9,308	143932	.293	.615	.385
708	850.68	19	16,163	174059	1.009	.843	.157	2309.00	7	16,163	72172	1.264	.897	.103
709	--	--	--	--	--	--	--	--	--	--	--	--	--	--
710	599.00	2	1,198	1033	-.337	.368	.368	1198.00	1	1,198	323	-.798	.212	.212
711	570.00	26	14,820	224391	1.455	.927	.073	1058.57	14	14,820	148464	2.794	.997	.003
712	447.00	3	1,341	1587	-.633	.263	.263	1341.00	1	1,341	714	.112	.545	.455
713	260.33	39	10,153	212531	.795	.787	.213	406.12	25	10,153	131913	.341	.634	.366
714	--	--	--	--	--	--	--	--	--	--	--	--	--	--
715	730.00	2	1,460	1412	-.081	.468	.468	1460.00	1	1,460	884	.365	.643	.357
716	2105.33	3	6,316	10600	.357	.639	.361	3158.00	2	6,316	5985	-.128	.449	.449
717	872.21	38	33,144	591142	-0.654	.256	.256	1841.33	18	33,144	296013	-0.056	.478	.478
718	172.13	40	6,885	142808	.406	.658	.342	299.35	23	6,885	92168	1.363	.914	.086
719	114.84	38	4,364	79672	-.418	.338	.338	189.74	23	4,364	48332	-.307	.379	.379
720	198.98	167	33,230	2806982	.260	.603	.397	307.69	108	33,230	1949479	1.555	.940	.060

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
721	223.65	163	36,455	3059467	.658	.745	.255	364.55	100	36,455	1958814	1.293	.902	.098
722	322.80	5	1,614	2731	-1.252	.105	.105	322.80	5	1,614	2731	-1.252	.105	.105
723	102.36	22	2,252	24115	-.216	.415	.415	281.50	8	2,252	8589	-.228	.410	.410
724	277.30	33	9,151	160242	.610	.729	.271	435.76	21	9,151	104742	.715	.763	.237
725	339.33	27	9,162	129868	.450	.674	.326	509.00	18	9,162	93070	.946	.828	.172
726	388.33	3	1,165	1120	-1.077	.141	.141	--	--	--	--	--	--	--
727	173.16	146	25,281	1746115	-1.127	.130	.130	297.42	85	25,281	1043129	-.465	.321	.321
728	141.16	73	10,305	429267	2.091	.982	.018	229.00	45	10,305	253264	1.073	.858	.142
729	208.16	31	6,453	119516	1.880	.970	.030	322.65	20	6,453	75974	1.374	.915	.085
730	--	--	--	--	--	--	--	--	--	--	--	--	--	--
731	260.50	24	6,252	71974	-.345	.365	.365	521.00	12	6,252	38138	.100	.540	.460
732	487.07	14	6,819	61100	1.815	.965	.035	757.67	9	6,819	42702	2.035	.979	.021
733	--	--	--	--	--	--	--	--	--	--	--	--	--	--
734	2305.70	10	23,057	91896	-1.111	.133	.133	11528.50	2	23,057	14440	-.915	.180	.180
735	--	--	--	--	--	--	--	--	--	--	--	--	--	--
736	368.00	22	8,096	122399	3.042	.999	.001	539.73	15	8,096	74929	1.570	.942	.058
737	2647.00	1	2,647	2018	.909	.818	.182	2647.00	1	2,647	2018	.909	.818	.182
738	3583.25	4	14,333	42775	1.705	.956	.044	--	--	--	--	--	--	--
739	--	--	--	--	--	--	--	--	--	--	--	--	--	--
740	--	--	--	--	--	--	--	--	--	--	--	--	--	--
741	--	--	--	--	--	--	--	--	--	--	--	--	--	--
742	228.16	116	26,466	1490994	-.535	.296	.296	490.11	54	26,466	702465	-.216	.415	.415
743	191.93	174	33,395	2979786	.585	.721	.279	407.26	82	33,395	1407923	.444	.671	.329
744	333.32	19	6,333	49062	-1.393	.082	.082	575.73	11	6,333	30571	-.703	.241	.241
745	358.16	25	8,954	120010	.626	.734	.266	559.63	16	8,954	75049	.331	.630	.371
746	342.53	60	20,552	672589	1.219	.889	.111	622.79	33	20,552	385072	1.349	.911	.089
747	559.11	35	19,569	379542	1.110	.866	.134	978.45	20	19,569	247345	2.045	.980	.020
748	129.20	255	32,946	4049576	-.995	.160	.160	184.06	179	32,946	2808242	-1.104	.135	.135
749	208.82	65	13,573	373074	-2.154	.016	.016	331.05	41	13,573	251342	-1.072	.142	.142
750	137.62	135	18,579	1481557	3.650	1.000	0	213.55	87	18,579	983878	3.512	1.000	0
751	152.56	50	7,628	183065	-.490	.312	.312	246.07	31	7,628	102111	-1.315	.094	.094
752	--	--	--	--	--	--	--	--	--	--	--	--	--	--
753	508.25	4	2,033	4232	.141	.556	.444	2033.00	1	2,033	1004	-.021	.491	.491
754	214.58	12	2,575	14516	-.363	.358	.358	429.17	6	2,575	5520	-1.211	.113	.113
755	358.32	60	21,499	631296	-.284	.388	.388	551.26	39	21,499	437608	.474	.682	.318
756	--	--	--	--	--	--	--	--	--	--	--	--	--	--
757	649.33	9	5,844	30902	.910	.818	.182	1461.00	4	5,844	13935	.666	.747	.253
758	204.71	158	32,344	2660822	.900	.816	.184	363.42	89	32,344	1561756	1.390	.918	.082
759	427.56	36	15,392	317956	1.534	.937	.063	810.11	19	15,392	185183	2.012	.978	.022
760	374.47	57	21,345	635682	.588	.722	.278	576.89	37	21,345	416676	.582	.720	.281
761	322.17	42	13,531	278970	-.205	.419	.419	501.15	27	13,531	211433	1.417	.922	.078
762	1487.71	17	25,291	214916	-.002	.499	.499	2529.10	10	25,291	150373	1.036	.850	.150
763	236.80	5	1,184	3473	.671	.749	.251	394.67	3	1,184	2359	.985	.838	.162
764	270.93	121	32,783	1832118	-1.453	.073	.073	520.37	63	32,783	865933	-2.220	.013	.013
765	174.21	70	12,195	488083	2.080	.981	.019	290.36	42	12,195	301508	1.991	.977	.023
766	148.56	18	2,674	19355	-1.439	.075	.075	191.00	14	2,674	13976	-1.642	.050	.050
767	721.78	46	33,202	929109	2.545	.995	.005	1844.56	18	33,202	392417	2.302	.989	.011
768	418.83	81	33,925	1366514	-.085	.466	.466	721.81	47	33,925	821551	.362	.641	.359

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
769	529.50	4	2,118	6258	1.654	.951	.049	1059.00	2	2,118	2958	.972	.834	.166
770	1356.00	6	8,136	24110	-.052	.479	.479	2034.00	4	8,136	12458	-.812	.208	.208
771	1238.00	3	3,714	7276	.918	.821	.179	1857.00	2	3,714	3750	.024	.509	.491
772	91.50	2	183	247	.857	.804	.196	183.00	1	183	85	-.123	.451	.451
773	129.25	4	517	852	-.610	.271	.271	129.25	4	517	852	-.610	.271	.271
774	335.54	92	30,870	1524880	1.227	.890	.110	551.25	56	30,870	938028	1.105	.865	.135
775	--	--	--	--	--	--	--	--	--	--	--	--	--	--
776	241.90	29	7,015	111218	.871	.808	.192	350.75	20	7,015	78379	.909	.818	.182
777	253.78	27	6,852	72038	-1.991	.023	.023	428.25	16	6,852	52407	-.305	.380	.380
778	1218.63	8	9,749	31065	-.996	.160	.160	1949.80	5	9,749	17318	-1.121	.131	.131
779	640.28	25	16,007	239213	1.693	.955	.045	1333.92	12	16,007	100539	.281	.611	.389
780	215.99	160	34,558	2802517	.300	.618	.382	367.64	94	34,558	1691762	.698	.757	.243
781	752.48	46	34,614	778187	-.265	.396	.396	1282.00	27	34,614	433811	-.645	.260	.260
782	145.36	64	9,303	308031	.481	.685	.315	244.82	38	9,303	186278	.575	.717	.283
783	730.00	2	1,460	1797	.565	.714	.286	1460.00	1	1,460	788	.138	.555	.445
784	944.20	5	4,721	9749	-.674	.250	.250	--	--	--	--	--	--	--
785	1059.94	18	19,079	164141	-.324	.373	.373	2119.89	9	19,079	93339	.453	.675	.325
786	1628.42	12	19,541	136926	1.007	.843	.157	3256.83	6	19,541	70619	.868	.807	.193
787	178.09	34	6,055	98781	-.408	.342	.342	403.67	15	6,055	42181	-.477	.317	.317
788	161.20	10	1,612	7810	-.170	.433	.433	230.29	7	1,612	5262	-.309	.379	.379
789	189.64	44	8,344	199022	.967	.833	.167	309.04	27	8,344	121466	.705	.760	.241
790	138.69	16	2,219	15521	-.871	.192	.192	221.90	10	2,219	10203	-.440	.330	.330
791	168.36	28	4,714	79423	1.865	.969	.031	392.83	12	4,714	33580	1.124	.869	.131
792	225.00	2	450	568	.642	.740	.260	450.00	1	450	321	.739	.770	.230
793	206.25	93	19,181	869477	-.420	.337	.337	355.20	54	19,181	551576	.828	.796	.204
794	220.47	53	11,685	290823	-.767	.222	.222	292.13	40	11,685	218690	-.704	.241	.241
795	347.90	49	17,047	463478	1.330	.908	.092	532.72	32	17,047	302816	1.080	.860	.140
796	580.56	9	5,225	18621	-1.081	.140	.140	1045.00	5	5,225	8439	-1.371	.085	.085
797	364.86	78	28,459	1177849	.937	.825	.175	547.29	52	28,459	794564	.922	.822	.178
798	694.00	1	694	486	.694	.756	.244	--	--	--	--	--	--	--
799	653.93	14	9,155	62487	-.162	.436	.436	1017.22	9	9,155	46486	.667	.748	.252
800	1148.00	1	1,148	1038	1.400	.919	.081	--	--	--	--	--	--	--
801	1345.82	11	14,804	95775	1.013	.844	.156	4934.67	3	14,804	26062	.521	.699	.301
802	1512.00	1	1,512	98	-1.508	.066	.066	--	--	--	--	--	--	--
803	291.96	25	7,299	97553	.600	.726	.274	456.19	16	7,299	58613	.026	.510	.490
804	--	--	--	--	--	--	--	--	--	--	--	--	--	--
805	348.27	33	11,493	189212	-.022	.491	.491	522.41	22	11,493	129455	.195	.577	.423
806	178.76	96	17,161	802867	-.430	.334	.334	301.07	57	17,161	495754	.178	.571	.429
807	247.76	53	13,131	382246	1.242	.893	.107	410.34	32	13,131	222935	.599	.725	.275
808	295.28	61	18,012	555560	.153	.561	.439	514.63	35	18,012	318623	.111	.544	.456
809	737.68	25	18,442	221110	-.354	.362	.362	1229.47	15	18,442	134748	-.173	.431	.431
810	894.17	23	20,566	208784	-.974	.165	.165	1869.64	11	20,566	96961	-.820	.206	.206
811	189.13	39	7,376	140327	-.264	.396	.396	368.80	20	7,376	88572	1.556	.940	.060
812	393.18	17	6,684	73744	2.128	.983	.017	607.64	11	6,684	41595	.755	.775	.225
813	83.00	1	83	66	1.023	.847	.153	--	--	--	--	--	--	--
814	1626.93	15	24,404	186791	.138	.555	.445	4067.33	6	24,404	69937	-0.190	.425	.425
815	180.82	168	30,377	2826708	2.420	.992	.008	316.43	96	30,377	1593201	1.573	.942	.058
816	159.53	81	12,922	597782	2.217	.987	.013	243.81	53	12,922	391796	1.818	.965	.035

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
817	270.44	23	6,220	72251	.084	.533	.467	478.46	13	6,220	41900	.227	.590	.410
818	254.27	78	19,833	778322	.096	.538	.462	508.54	39	19,833	366345	-.571	.284	.284
819	2061.57	14	28,862	202914	.028	.511	.489	2886.20	10	28,862	133961	-.393	.347	.347
820	222.75	4	891	2671	1.728	.958	.042	297.00	3	891	2348	2.271	.988	.012
821	1137.29	7	7,961	31755	.640	.739	.261	1990.25	4	7,961	24768	1.925	.973	.027
822	352.78	54	19,050	511960	-.059	.476	.476	595.31	32	19,050	326911	.711	.761	.239
823	451.94	72	32,540	1279043	1.350	.911	.089	723.11	45	32,540	793635	.976	.835	.165
824	530.50	4	2,122	4140	-.085	.466	.466	2122.00	1	2,122	1055	-.010	.496	.496
825	311.15	13	4,045	29859	.847	.801	.199	577.86	7	4,045	17981	1.238	.892	.108
826	187.97	141	26,503	1948909	.886	.812	.188	358.15	74	26,503	972314	-.126	.450	.450
827	153.49	68	10,437	402429	1.915	.972	.028	213.00	49	10,437	309125	2.533	.994	.006
828	198.67	130	25,827	1810486	1.550	.939	.061	379.81	68	25,827	916530	.625	.734	.266
829	120.02	45	5,401	125489	.379	.648	.352	192.89	28	5,401	85045	1.143	.873	.127
830	327.55	40	13,102	243938	-.757	.225	.225	623.91	21	13,102	126003	-.667	.252	.252
831	202.51	70	14,176	574007	2.274	.989	.011	329.67	43	14,176	355657	1.896	.971	.029
832	292.00	6	1,752	3993	-1.020	.154	.154	876.00	2	1,752	1221	-.742	.229	.229
833	1641.00	1	1,641	824	.007	.503	.497	1641.00	1	1,641	824	.007	.503	.497
834	456.22	9	4,106	23573	1.433	.924	.076	821.20	5	4,106	12485	.838	.799	.201
835	139.47	133	18,549	1279670	.748	.773	.227	268.83	69	18,549	721010	1.823	.966	.034
836	228.73	33	7,548	137692	1.051	.853	.147	377.40	20	7,548	80679	.534	.703	.297
837	145.63	82	11,942	514516	.797	.787	.213	265.38	45	11,942	268288	-.018	.493	.493
838	115.42	66	7,618	283463	1.795	.964	.036	173.14	44	7,618	197067	2.020	.978	.022
839	173.23	13	2,252	11184	-1.474	.070	.070	375.33	6	2,252	4502	-1.416	.078	.078
840	248.01	147	36,458	2858109	1.398	.919	.081	434.02	84	36,458	1656314	1.297	.903	.097
841	130.05	139	18,077	1389983	2.172	.985	.015	203.11	89	18,077	897057	1.882	.970	.030
842	146.34	128	18,731	1347306	2.428	.992	.008	217.80	86	18,731	921066	2.306	.989	.011
843	133.11	27	3,594	54436	1.098	.864	.136	211.41	17	3,594	31696	.268	.606	.394
844	307.98	57	17,555	445925	-1.422	.078	.078	548.59	32	17,555	239400	-1.447	.074	.074
845	138.52	27	3,740	56645	1.097	.864	.136	340.00	11	3,740	24902	1.210	.887	.113
846	98.14	66	6,477	224977	.740	.770	.230	147.21	44	6,477	152730	.825	.795	.205
847	289.26	62	17,934	520242	-.876	.191	.191	427.00	42	17,934	347190	-.877	.190	.190
848	256.81	112	28,763	1654961	.503	.693	.307	405.11	71	28,763	1071037	.714	.762	.238
849	169.63	40	6,785	134780	-.074	.470	.470	376.94	18	6,785	55013	-.728	.233	.233
850	1431.00	1	1,431	866	.364	.642	.358	--	--	--	--	--	--	--
851	--	--	--	--	--	--	--	--	--	--	--	--	--	--
852	114.25	4	457	959	.171	.568	.432	228.50	2	457	387	-.375	.354	.354
853	--	--	--	--	--	--	--	--	--	--	--	--	--	--
854	609.65	31	18,899	318893	.855	.804	.196	1049.94	18	18,899	200671	1.321	.907	.093
855	192.07	29	5,570	84811	.467	.680	.320	278.50	20	5,570	55095	-.084	.466	.466
856	850.41	22	18,709	188180	-.696	.243	.243	1870.90	10	18,709	93330	-.013	.495	.495
857	413.64	22	9,100	113494	1.087	.861	.139	827.27	11	9,100	41160	-1.020	.154	.154
858	587.78	18	10,580	117152	1.693	.955	.045	813.85	13	10,580	86762	1.634	.949	.051
859	720.54	13	9,367	61363	.049	.520	.480	1561.17	6	9,367	22398	-.861	.195	.195
860	--	--	--	--	--	--	--	--	--	--	--	--	--	--
861	498.10	29	14,445	179025	-1.355	.088	.088	802.50	18	14,445	121394	-0.487	.313	.313
862	331.83	23	7,632	69679	-1.712	.043	.043	693.82	11	7,632	39801	-.298	.383	.383
863	426.00	1	426	374	1.309	.905	.095	426.00	1	426	374	1.309	.905	.095
864	1389.92	13	18,069	106100	-.603	.273	.273	2007.67	9	18,069	80780	-.034	.486	.486

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
865	585.50	4	2,342	4363	-.237	.406	.406	1171.00	2	2,342	2112	-.241	.405	.405
866	680.25	4	2,721	4927	-.328	.372	.372	907.00	3	2,721	4710	.462	.678	.322
867	317.98	50	15,899	395631	-.057	.477	.477	529.97	30	15,899	239323	.033	.513	.487
868	282.42	77	21,746	897011	1.085	.861	.139	453.04	48	21,746	531550	.222	.588	.412
869	970.53	19	18,440	155601	-.844	.199	.199	1676.36	11	18,440	96916	-.255	.399	.399
870	225.00	7	1,575	6773	1.048	.853	.147	393.75	4	1,575	5071	2.113	.983	.017
871	--	--	--	--	--	--	--	--	--	--	--	--	--	--
872	--	--	--	--	--	--	--	--	--	--	--	--	--	--
873	92.40	254	23,470	2972341	-.077	.469	.469	136.45	172	23,470	2023357	.056	.522	.478
874	73.39	78	5,724	214344	-.609	.271	.271	110.08	52	5,724	145786	-.255	.399	.399
875	242.50	2	485	545	.303	.619	.381	242.50	2	485	545	.303	.619	.381
876	--	--	--	--	--	--	--	--	--	--	--	--	--	--
877	--	--	--	--	--	--	--	--	--	--	--	--	--	--
878	178.02	88	15,666	638615	-1.195	.116	.116	326.38	48	15,666	317581	-1.864	.031	.031
879	596.55	31	18,493	253063	-1.130	.129	.129	1087.82	17	18,493	122090	-1.595	.055	.055
880	--	--	--	--	--	--	--	--	--	--	--	--	--	--
881	531.29	35	18,595	310327	-.475	.317	.317	929.75	20	18,595	200733	.616	.731	.269
882	228.25	8	1,826	7702	.267	.605	.395	365.20	5	1,826	3846	-.610	.271	.271
883	473.96	23	10,901	137140	.781	.782	.218	726.73	15	10,901	103543	1.788	.963	.037
884	592.65	23	13,631	173040	.863	.806	.194	1239.18	11	13,631	84340	.718	.764	.236
885	479.00	62	29,698	911065	-.142	.444	.444	958.00	31	29,698	416972	-.908	.182	.182
886	128.71	166	21,366	1857597	1.060	.855	.145	194.24	110	21,366	1221233	.713	.762	.238
887	191.44	131	25,079	1740833	1.185	.882	.118	338.91	74	25,079	1045190	1.883	.970	.030
888	295.77	64	18,929	693264	2.002	.977	.023	728.04	26	18,929	273296	.977	.836	.164
889	1372.60	10	13,726	84473	1.264	.897	.103	2745.20	5	13,726	37964	.412	.660	.340
890	1090.42	12	13,085	96387	1.366	.914	.086	1635.63	8	13,085	64057	1.097	.864	.136
891	490.35	37	18,143	375887	1.263	.897	.103	788.83	23	18,143	208158	-.019	.492	.492
892	425.06	17	7,226	68727	.850	.802	.198	602.17	12	7,226	53356	1.384	.917	.083
893	928.93	29	26,939	405852	.364	.642	.358	1584.65	17	26,939	217951	-.344	.365	.365
894	563.10	10	5,631	22636	-1.074	.142	.142	1126.20	5	5,631	13153	-.254	.400	.400
895	4267.75	4	17,071	42176	.815	.792	.208	5690.33	3	17,071	30356	.556	.711	.289
896	182.42	196	35,755	3918575	2.869	.998	.002	343.80	104	35,755	2197567	3.214	.999	.001
897	--	--	--	--	--	--	--	--	--	--	--	--	--	--
898	121.10	10	1,211	7465	1.276	.899	.101	134.56	9	1,211	6300	.811	.791	.209
899	58.00	1	58	20	-.538	.296	.296	--	--	--	--	--	--	--
900	510.33	3	1,531	2951	.855	.804	.196	1531.00	1	1,531	987	.501	.692	.308
901	358.42	95	34,050	1559206	-.607	.272	.272	577.12	59	34,050	992387	-.160	.436	.436
902	224.80	5	1,124	2072	-1.017	.155	.155	224.80	5	1,124	2072	-1.017	.155	.155
903	1944.31	13	25,276	206204	1.593	.944	.056	5055.20	5	25,276	77947	.905	.817	.183
904	--	--	--	--	--	--	--	--	--	--	--	--	--	--
905	1511.46	11	16,626	103808	.777	.781	.219	2771.00	6	16,626	50755	.075	.530	.470
906	930.32	34	31,631	607720	1.315	.906	.094	1506.24	21	31,631	391822	1.427	.923	.077
907	--	--	--	--	--	--	--	--	--	--	--	--	--	--
908	1236.38	16	19,782	162355	.179	.571	.429	2472.75	8	19,782	87480	.517	.697	.303
909	762.91	11	8,392	51951	0.721	.765	.235	1049.00	8	8,392	35323	0.256	.601	.399
910	7085.00	1	7,085	4153	.299	.617	.383	--	--	--	--	--	--	--
911	--	--	--	--	--	--	--	--	--	--	--	--	--	--
912	302.00	1	302	284	1.526	.936	.064	--	--	--	--	--	--	--

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
913	247.00	26	6,422	106701	2.456	.993	.007	356.78	18	6,422	74430	2.115	.983	.017
914	517.43	7	3,622	13236	.202	.580	.420	724.40	5	3,622	7918	-.486	.313	.313
915	168.25	200	33,649	3644703	2.037	.979	.021	232.06	145	33,649	2783351	2.939	.998	.002
916	182.20	105	19,131	1110048	1.867	.969	.031	281.34	68	19,131	757441	2.349	.991	.009
917	1541.80	5	7,709	8792	-2.106	.018	.018	2569.67	3	7,709	5508	-1.571	.058	.058
918	121.32	73	8,856	358356	1.608	.946	.054	205.95	43	8,856	226099	2.129	.983	.017
919	408.38	24	9,801	131994	1.038	.850	.150	700.07	14	9,801	79910	1.068	.857	.143
920	172.11	111	19,104	1127688	1.160	.877	.123	341.14	56	19,104	600455	1.588	.944	.056
921	397.09	11	4,368	25749	.413	.660	.340	728.00	6	4,368	14540	.465	.679	.321
922	909.76	25	22,744	283131	-.036	.486	.486	1624.57	14	22,744	167475	.337	.632	.368
923	955.06	35	33,427	562473	-.394	.347	.347	2228.47	15	33,427	279560	.772	.780	.220
924	639.00	1	639	399	.431	.667	.333	639.00	1	639	399	.431	.667	.333
925	4205.00	1	4,205	3372	1.046	.852	.148	4205.00	1	4,205	3372	1.046	.852	.148
926	185.33	3	556	1192	1.288	.901	.099	556.00	1	556	171	-.667	.253	.253
927	184.71	24	4,433	53943	.119	.547	.453	277.06	16	4,433	34666	-.156	.438	.438
928	952.88	8	7,623	37698	1.158	.876	.124	2541.00	3	7,623	11135	-.079	.469	.469
929	119.06	132	15,716	1009537	-.532	.297	.297	176.58	89	15,716	701700	.055	.522	.478
930	569.25	16	9,108	75679	.268	.606	.394	1301.14	7	9,108	32267	.056	.522	.478
931	372.54	13	4,843	46786	3.037	.999	.001	1210.75	4	4,843	13435	1.341	.910	.090
932	361.67	9	3,255	16349	.604	.727	.273	465.00	7	3,255	13407	.810	.791	.209
933	--	--	--	--	--	--	--	--	--	--	--	--	--	--
934	138.68	40	5,547	118182	.715	.763	.237	205.44	27	5,547	76593	.205	.581	.419
935	108.21	182	19,694	2007396	2.806	.998	.003	171.25	115	19,694	1209426	1.263	.897	.103
936	115.98	82	9,510	364108	-1.038	.150	.150	161.19	59	9,510	271664	-.421	.337	.337
937	91.96	97	8,920	422174	-.412	.340	.340	148.67	60	8,920	261623	-.300	.382	.382
938	269.27	94	25,311	1326043	1.926	.973	.027	414.93	61	25,311	814784	.750	.773	.227
939	133.36	162	21,605	1934249	2.321	.990	.010	198.21	109	21,605	1282467	1.613	.947	.053
940	299.96	53	15,898	379843	-1.241	.107	.107	387.76	41	15,898	288452	-1.275	.101	.101
941	169.61	97	16,452	726174	-1.534	.063	.063	228.50	72	16,452	566102	-.649	.258	.258
942	468.96	28	13,131	182218	-.081	.468	.468	1193.73	11	13,131	60252	-.952	.171	.171
943	640.14	51	32,647	877312	.666	.747	.253	960.21	34	32,647	582120	.494	.689	.311
944	212.59	27	5,740	63041	-1.678	.047	.047	318.89	18	5,740	42307	-1.330	.092	.092
945	277.43	77	21,362	876279	.995	.840	.160	403.06	53	21,362	574931	.197	.578	.422
946	228.37	43	9,820	264668	2.880	.998	.002	363.70	27	9,820	166682	2.316	.990	.010
947	275.68	50	13,784	372931	1.007	.843	.157	353.44	39	13,784	293910	1.011	.844	.156
948	1216.00	1	1,216	472	-.387	.349	.349	--	--	--	--	--	--	--
949	6627.25	4	26,509	52092	-.061	.476	.476	8836.33	3	26,509	33947	-.439	.330	.330
950	--	--	--	--	--	--	--	--	--	--	--	--	--	--
951	206.75	60	12,405	371300	-.031	.488	.488	375.91	33	12,405	225523	1.013	.844	.156
952	273.83	18	4,929	48675	.715	.763	.238	492.90	10	4,929	32298	1.701	.956	.045
953	280.52	50	14,026	391288	1.419	.922	.078	500.93	28	14,026	202292	.277	.609	.391
954	203.59	34	6,922	106987	-.917	.180	.180	256.37	27	6,922	85114	-.803	.211	.211
955	472.21	70	33,055	1131683	-.316	.376	.376	944.43	35	33,055	554009	-.433	.332	.332
956	496.23	70	34,736	1300085	1.005	.843	.157	914.11	38	34,736	663728	.061	.524	.476
957	194.68	22	4,283	46427	-0.118	.453	.453	428.30	10	4,283	17308	-1.050	.147	.147
958	1140.27	11	12,543	73088	.342	.634	.366	2090.50	6	12,543	42492	.548	.708	.292
959	191.99	72	13,823	504691	.209	.583	.417	337.15	41	13,823	318145	1.361	.913	.087
960	390.50	2	781	1231	1.411	.921	.079	781.00	1	781	767	1.670	.953	.047

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
961	340.51	59	20,090	701628	2.446	.993	.007	627.81	32	20,090	380876	1.812	.965	.035
962	--	--	--	--	--	--	--	--	--	--	--	--	--	--
963	285.25	4	1,141	1776	-.768	.221	.221	380.33	3	1,141	1411	-.527	.299	.299
964	335.83	6	2,015	6906	.604	.727	.273	671.67	3	2,015	4841	1.805	.964	.036
965	351.52	29	10,194	111314	-2.303	.011	.011	463.36	22	10,194	78699	-2.422	.008	.008
966	987.67	9	8,889	42380	.309	.621	.379	1777.80	5	8,889	25183	.516	.697	.303
967	1010.80	5	5,054	12442	-.059	.476	.476	1684.67	3	5,054	6372	-.478	.316	.316
968	197.88	8	1,583	5012	-1.021	.154	.154	395.75	4	1,583	1934	-1.348	.089	.089
969	202.83	6	1,217	4386	.854	.803	.197	243.40	5	1,217	3637	.757	.775	.225
970	297.66	110	32,743	1860896	.606	.728	.272	461.17	71	32,743	1145670	-.210	.417	.417
971	191.33	9	1,722	8159	.275	.608	.392	215.25	8	1,722	7761	.621	.733	.267
972	411.69	45	18,526	459772	1.197	.884	.116	686.15	27	18,526	291829	1.502	.933	.067
973	1149.47	17	19,541	217639	2.216	.987	.013	1776.46	11	19,541	142063	1.849	.968	.032
974	253.66	44	11,161	236539	-.421	.337	.337	338.21	33	11,161	181505	-.143	.443	.443
975	193.81	64	12,404	349579	-1.653	.049	.049	354.40	35	12,404	199092	-.849	.198	.198
976	444.00	2	888	1649	2.099	.982	.018	888.00	1	888	849	1.580	.943	.057
977	--	--	--	--	--	--	--	--	--	--	--	--	--	--
978	157.11	85	13,354	626544	1.660	.952	.048	238.46	56	13,354	431514	1.997	.977	.023
979	158.75	36	5,715	116666	1.394	.918	.082	197.07	29	5,715	94507	1.310	.905	.095
980	123.21	29	3,573	55034	.581	.719	.281	170.14	21	3,573	33589	-.831	.203	.203
981	--	--	--	--	--	--	--	--	--	--	--	--	--	--
982	193.00	2	386	352	-.216	.415	.415	193.00	2	386	352	-.216	.415	.415
983	201.06	52	10,455	253090	-.861	.195	.195	387.22	27	10,455	132478	-.553	.290	.290
984	392.67	9	3,534	18044	.700	.758	.242	589.00	6	3,534	11856	.502	.692	.308
985	242.40	5	1,212	3885	1.093	.863	.137	606.00	2	1,212	853	-.726	.234	.234
986	288.75	12	3,465	20303	-.141	.444	.444	866.25	4	3,465	7567	.318	.625	.375
987	244.27	92	22,473	915543	-1.900	.029	.029	368.41	61	22,473	613290	-1.424	.077	.077
988	335.14	7	2,346	8173	-.021	.492	.492	391.00	6	2,346	6729	-.186	.426	.426
989	156.88	103	16,159	905214	1.543	.939	.061	273.88	59	16,159	484756	.225	.589	.411
990	216.73	86	18,639	833595	.644	.740	.260	423.61	44	18,639	449108	1.094	.863	.137
991	357.19	52	18,574	552897	1.810	.965	.035	663.36	28	18,574	291409	1.106	.866	.134
992	172.32	116	19,989	1257285	1.576	.942	.058	263.01	76	19,989	805619	.915	.820	.180
993	342.25	4	1,369	3138	.506	.694	.306	684.50	2	1,369	1538	.302	.619	.381
994	343.17	18	6,177	61427	.771	.780	.220	514.75	12	6,177	45343	1.341	.910	.090
995	270.00	61	16,470	482977	-.521	.301	.301	588.21	28	16,470	233058	.099	.539	.461
996	389.87	74	28,850	1238825	2.392	.992	.008	601.04	48	28,850	792178	1.729	.958	.042
997	235.51	117	27,555	1851470	2.784	.997	.003	372.37	74	27,555	1149022	1.892	.971	.029
998	260.05	82	21,324	949908	1.357	.913	.087	380.79	56	21,324	646790	1.079	.860	.140
999	192.05	19	3,649	27596	-1.540	.062	.062	280.69	13	3,649	21818	-.500	.308	.308
1000	180.16	50	9,008	230634	.296	.616	.384	360.32	25	9,008	100232	-.951	.171	.171
1001	219.04	90	19,714	992020	1.943	.974	.026	358.44	55	19,714	644241	2.419	.992	.008
1002	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1003	473.40	43	20,356	475437	.981	.837	.163	848.17	24	20,356	238934	-.185	.426	.426
1004	208.00	98	20,384	958238	-.697	.243	.243	304.24	67	20,384	721270	.797	.787	.213
1005	547.33	39	21,346	381146	-0.912	.181	.181	928.09	23	21,346	233028	-0.421	.337	.337
1006	157.22	18	2,830	20481	-1.439	.075	.075	283.00	10	2,830	14930	.302	.619	.381
1007	188.02	45	8,461	170739	-1.198	.115	.115	282.03	30	8,461	114386	-.937	.175	.175
1008	210.52	66	13,894	414298	-1.357	.087	.087	338.88	41	13,894	277298	-.293	.385	.385

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1009	176.44	71	12,527	421705	-.755	.225	.225	291.33	43	12,527	243795	-1.077	.141	.141
1010	156.55	100	15,655	723135	-1.319	.094	.094	233.66	67	15,655	493278	-.843	.200	.200
1011	340.07	60	20,404	636056	.525	.700	.300	618.30	33	20,404	323636	-.385	.350	.350
1012	427.57	7	2,993	13692	1.407	.920	.080	997.67	3	2,993	4928	.293	.615	.385
1013	331.06	33	10,925	160991	-1.064	.144	.144	496.59	22	10,925	98277	-1.480	.069	.069
1014	195.17	12	2,342	16307	.963	.832	.168	292.75	8	2,342	10711	.702	.759	.241
1015	427.00	1	427	208	-.045	.482	.482	427.00	1	427	208	-.045	.482	.482
1016	183.83	109	20,037	1114116	.366	.643	.357	323.18	62	20,037	644480	.512	.696	.304
1017	373.40	5	1,867	5265	.496	.690	.310	373.40	5	1,867	5265	.496	.690	.310
1018	161.40	15	2,421	16296	-.688	.246	.246	201.75	12	2,421	13471	-.436	.332	.332
1019	537.47	15	8,062	58019	-.271	.393	.393	806.20	10	8,062	37309	-.408	.342	.342
1020	981.33	6	5,888	16295	-.329	.371	.371	1472.00	4	5,888	12829	.310	.622	.378
1021	551.21	44	24,253	587622	1.164	.878	.122	1010.54	24	24,253	309259	.531	.702	.298
1022	186.32	53	9,875	270568	.428	.666	.334	365.74	27	9,875	135784	.167	.566	.434
1023	232.41	29	6,740	69882	-2.658	.004	.004	337.00	20	6,740	46631	-2.387	.008	.008
1024	205.74	57	11,727	349669	.605	.727	.273	344.91	34	11,727	186611	-.646	.259	.259
1025	470.67	6	2,824	11607	1.570	.942	.058	706.00	4	2,824	7265	.992	.839	.161
1026	254.85	75	19,114	781552	1.356	.912	.088	406.68	47	19,114	500729	1.363	.914	.087
1027	307.18	22	6,758	66917	-.811	.209	.209	563.17	12	6,758	32366	-1.211	.113	.113
1028	463.93	59	27,372	785252	-.366	.357	.357	977.57	28	27,372	397682	.346	.635	.365
1029	242.94	64	15,548	553133	1.548	.939	.061	420.22	37	15,548	344440	2.081	.981	.019
1030	214.84	57	12,246	378241	1.095	.863	.137	395.03	31	12,246	205875	.816	.793	.207
1031	2538.00	1	2,538	1142	-.173	.431	.431	--	--	--	--	--	--	--
1032	254.85	143	36,443	2680884	.598	.725	.275	418.89	87	36,443	1652113	.681	.752	.248
1033	168.77	127	21,434	1518922	2.264	.988	.012	285.79	75	21,434	902804	1.848	.968	.032
1034	541.00	4	2,164	3908	-.336	.368	.368	1082.00	2	2,164	2548	.435	.668	.332
1035	341.47	99	33,805	1561477	-1.152	.125	.125	545.24	62	33,805	925140	-1.598	.055	.055
1036	76.57	7	536	2083	.506	.693	.307	134.00	4	536	1186	.368	.644	.356
1037	106.50	4	426	440	-1.675	.047	.047	106.50	4	426	440	-1.675	.047	.047
1038	231.40	15	3,471	24601	-.369	.356	.356	433.88	8	3,471	14728	.298	.617	.383
1039	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1040	1717.75	4	6,871	19283	1.397	.919	.081	3435.50	2	6,871	8942	.738	.770	.230
1041	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1042	108.90	114	12,414	744369	.961	.832	.168	172.42	72	12,414	478346	1.034	.849	.151
1043	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1044	744.36	11	8,188	39842	-.662	.254	.254	1637.60	5	8,188	15234	-.991	.161	.161
1045	952.33	21	19,999	202155	-.296	.384	.384	1999.90	10	19,999	97993	-.110	.456	.456
1046	170.60	10	1,706	10357	1.173	.880	.120	213.25	8	1,706	8696	1.344	.910	.090
1047	252.64	80	20,211	857101	.933	.824	.176	404.22	50	20,211	508054	.067	.527	.473
1048	353.24	34	12,010	209462	.262	.603	.397	706.47	17	12,010	109060	.488	.687	.313
1049	306.06	16	4,897	37920	-.222	.412	.412	349.79	14	4,897	33447	-.157	.437	.437
1050	146.87	82	12,043	533487	1.262	.896	.104	280.07	43	12,043	275323	.719	.764	.236
1051	255.21	70	17,865	629107	.089	.535	.465	372.19	48	17,865	414089	-.411	.341	.341
1052	241.33	3	724	483	-1.666	.048	.048	--	--	--	--	--	--	--
1053	130.50	8	1,044	4268	0.108	.543	.457	348.00	3	1,044	2145	1.109	.866	.134
1054	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1055	152.00	22	3,344	41461	1.033	.849	.151	222.93	15	3,344	28758	.984	.837	.163
1056	300.29	7	2,102	6830	-.328	.371	.371	420.40	5	2,102	3562	-1.248	.106	.106

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1057	508.00	1	508	29	-1.534	.063	.063	--	--	--	--	--	--	--
1058	225.94	156	35,247	2807754	.460	.677	.323	367.16	96	35,247	1724461	.327	.628	.372
1059	178.75	4	715	664	-1.856	.032	.032	238.33	3	715	574	-1.394	.082	.082
1060	384.65	63	24,233	791852	.514	.696	.304	757.28	32	24,233	335016	-1.332	.091	.091
1061	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1062	2080.00	1	2,080	1088	.080	.532	.468	--	--	--	--	--	--	--
1063	1084.96	22	23,869	334745	2.234	.987	.013	1491.81	16	23,869	243956	1.923	.973	.027
1064	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1065	242.80	25	6,070	76278	.046	.518	.482	466.92	13	6,070	41914	.389	.651	.349
1066	258.44	43	11,113	262200	1.106	.866	.134	444.52	25	11,113	164366	1.587	.944	.056
1067	183.40	5	917	2370	.131	.552	.448	305.67	3	917	1418	.093	.537	.463
1068	358.00	2	716	365	-1.201	.115	.115	716.00	1	716	102	-1.239	.108	.108
1069	301.00	18	5,418	57351	1.294	.902	.098	602.00	9	5,418	21018	-.717	.237	.237
1070	242.93	145	35,225	2573640	.162	.564	.436	409.59	86	35,225	1539234	.260	.603	.397
1071	200.32	98	19,631	994956	.589	.722	.278	311.60	63	19,631	655151	.818	.793	.207
1072	238.29	7	1,668	3938	-1.491	.068	.068	834.00	2	1,668	629	-1.526	.064	.064
1073	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1074	159.29	189	30,105	2784968	-.502	.308	.308	244.76	123	30,105	1912424	.633	.736	.264
1075	517.80	5	2,589	7112	.383	.649	.351	863.00	3	2,589	4372	.377	.647	.353
1076	273.44	66	18,047	632922	.883	.811	.189	410.16	44	18,047	414627	.509	.695	.305
1077	245.57	14	3,438	24114	.013	.505	.495	343.80	10	3,438	16247	-.301	.382	.382
1078	809.21	34	27,513	491466	.513	.696	.304	2501.18	11	27,513	159792	.322	.626	.374
1079	376.99	83	31,290	1325097	.323	.627	.373	782.25	40	31,290	695338	1.217	.888	.112
1080	161.33	3	484	1144	1.727	.958	.042	161.33	3	484	1144	1.727	.958	.042
1081	530.80	40	21,232	393100	-.814	.208	.208	1179.56	18	21,232	193660	.099	.539	.461
1082	684.75	20	13,695	167113	1.706	.956	.044	1369.50	10	13,695	95724	2.180	.985	.015
1083	964.38	16	15,430	132777	.524	.700	.300	1928.75	8	15,430	79221	1.389	.918	.082
1084	135.22	9	1,217	5255	-.210	.417	.417	152.13	8	1,217	4106	-.767	.222	.222
1085	220.21	165	36,335	3007268	.072	.529	.471	399.29	91	36,335	1736087	.828	.796	.204
1086	504.90	10	5,049	24453	-.172	.432	.432	1262.25	4	5,049	8646	-.498	.309	.309
1087	3512.50	4	14,050	21441	-.821	.206	.206	14050.00	1	14,050	6418	-.150	.440	.440
1088	112.60	20	2,252	24103	.545	.707	.293	187.67	12	2,252	13760	.110	.544	.456
1089	593.00	2	1,186	903	-.585	.279	.279	1186.00	1	1,186	127	-1.361	.087	.087
1090	424.17	24	10,180	133418	.782	.783	.217	598.82	17	10,180	104565	1.489	.932	.068
1091	895.46	22	19,700	193002	-.888	.187	.187	1970.00	10	19,700	76634	-1.216	.112	.112
1092	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1093	158.57	30	4,757	53996	-2.308	.011	.011	237.85	20	4,757	37511	-1.638	.051	.051
1094	168.67	153	25,807	2221893	2.688	.996	.004	260.68	99	25,807	1390734	1.528	.937	.063
1095	152.15	13	1,978	13865	.490	.688	.312	247.25	8	1,978	8338	.264	.604	.396
1096	658.76	29	19,104	288596	.390	.652	.348	1469.54	13	19,104	142830	.938	.826	.174
1097	250.37	76	19,028	812215	1.862	.969	.031	396.42	48	19,028	489397	.860	.805	.195
1098	289.69	51	14,774	306031	-2.322	.010	.010	568.23	26	14,774	171346	-.953	.170	.170
1099	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1100	235.00	12	2,820	20504	1.271	.898	.102	470.00	6	2,820	11325	1.437	.925	.075
1101	208.56	140	29,198	2013381	-0.306	.380	.380	351.78	83	29,198	1213065	0.018	.507	.493
1102	644.10	49	31,561	818145	.704	.759	.241	1502.91	21	31,561	364939	.804	.789	.211
1103	3488.67	3	10,466	17292	.304	.620	.380	--	--	--	--	--	--	--
1104	217.00	36	7,812	150738	.748	.773	.227	289.33	27	7,812	114332	.757	.775	.225

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1105	275.90	48	13,243	293559	-.916	.180	.180	472.96	28	13,243	153480	-1.578	.057	.057
1106	459.00	49	22,491	518642	-.713	.238	.238	775.55	29	22,491	334601	.243	.596	.404
1107	536.67	3	1,610	1656	-.943	.173	.173	805.00	2	1,610	1311	-.455	.325	.325
1108	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1109	582.17	6	3,493	10286	-.078	.469	.469	1164.33	3	3,493	4270	-.555	.289	.289
1110	319.09	11	3,510	14867	-1.321	.093	.093	501.43	7	3,510	9955	-.869	.192	.192
1111	750.67	3	2,252	2172	-1.071	.142	.142	2252.00	1	2,252	264	-1.326	.092	.092
1112	141.37	85	12,016	564634	1.687	.954	.046	235.61	51	12,016	331172	1.000	.841	.159
1113	867.59	34	29,498	510778	.188	.574	.426	1404.67	21	29,498	333633	.613	.730	.270
1114	281.95	43	12,124	264763	.179	.571	.429	484.96	25	12,124	160900	.534	.703	.297
1115	1162.60	5	5,813	13637	-.239	.406	.406	2906.50	2	5,813	5390	-.178	.429	.429
1116	290.60	5	1,453	3404	-.244	.404	.404	363.25	4	1,453	2639	-.318	.375	.375
1117	209.69	75	15,727	626017	.922	.822	.178	327.65	48	15,727	390827	.425	.665	.335
1118	266.67	3	800	845	-.888	.187	.187	266.67	3	800	845	-.888	.187	.187
1119	344.82	22	7,586	84775	.129	.552	.448	689.64	11	7,586	44811	.425	.665	.335
1120	698.91	35	24,462	434611	.156	.562	.438	1630.80	15	24,462	202501	.696	.757	.243
1121	494.58	60	29,675	834804	-.836	.202	.202	847.86	35	29,675	541244	.433	.667	.333
1122	340.33	3	1,021	1194	-.661	.254	.254	1021.00	1	1,021	241	-.914	.180	.180
1123	393.17	58	22,804	654926	-.128	.449	.449	735.61	31	22,804	339870	-.371	.355	.355
1124	457.00	3	1,371	2994	1.368	.914	.086	--	--	--	--	--	--	--
1125	313.33	9	2,820	10877	-.742	.229	.229	564.00	5	2,820	7916	.476	.683	.317
1126	429.22	9	3,863	16506	-.262	.397	.397	551.86	7	3,863	10129	-1.150	.125	.125
1127	667.40	40	26,696	412280	-2.496	.006	.006	1160.70	23	26,696	218401	-2.397	.008	.008
1128	567.12	17	9,641	74203	-.675	.250	.250	964.10	10	9,641	46106	-.239	.406	.406
1129	599.67	6	3,598	12931	.840	.799	.201	899.50	4	3,598	10187	1.440	.925	.075
1130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1131	247.38	56	13,853	430543	1.426	.923	.077	461.77	30	13,853	231654	1.089	.862	.138
1132	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1133	234.84	43	10,098	191113	-1.360	.087	.087	374.00	27	10,098	121751	-.962	.168	.168
1134	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1135	112.71	7	789	2642	-.198	.421	.421	197.25	4	789	1536	-.092	.463	.463
1136	1393.75	20	27,875	294456	.436	.669	.331	3484.38	8	27,875	136342	1.092	.862	.138
1137	341.88	56	19,145	591056	1.330	.908	.092	736.35	26	19,145	247767	-.040	.484	.484
1138	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1139	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1140	397.75	28	11,137	142630	-.781	.217	.217	655.12	17	11,137	64925	-2.244	.012	.012
1141	150.11	133	19,965	1468634	2.121	.983	.017	249.56	80	19,965	901683	2.000	.977	.023
1142	162.76	201	32,715	3537710	1.866	.969	.031	268.16	122	32,715	2132713	1.314	.906	.094
1143	1502.50	6	9,015	20147	-1.082	.140	.140	2253.75	4	9,015	10291	-1.487	.069	.069
1144	240.10	10	2,401	13040	.472	.682	.318	400.17	6	2,401	8048	.498	.691	.309
1145	714.50	2	1,429	1602	.297	.617	.383	1429.00	1	1,429	962	.600	.726	.274
1146	665.58	40	26,623	502463	-.617	.269	.269	1023.96	26	26,623	326117	-.510	.305	.305
1147	365.18	17	6,208	52912	.020	.508	.492	620.80	10	6,208	33995	.521	.699	.301
1148	764.71	17	13,000	112287	.116	.546	.454	2166.67	6	13,000	41468	.269	.606	.394
1149	281.02	43	12,084	285524	1.124	.870	.131	464.77	26	12,084	171988	0.838	.799	.201
1150	960.21	14	13,443	104158	.693	.756	.244	1680.38	8	13,443	65307	1.051	.853	.147
1151	380.67	3	1,142	1697	-.028	.489	.489	571.00	2	1,142	1287	.311	.622	.378
1152	256.95	103	26,466	1416137	.685	.753	.247	413.53	64	26,466	898097	.837	.799	.201

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean inter-occurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1153	81.17	6	487	1493	.093	.537	.463	162.33	3	487	867	.561	.712	.288
1154	372.60	35	13,041	229232	.046	.518	.482	652.05	20	13,041	101540	-1.715	.043	.043
1155	171.13	8	1,369	4232	-1.113	.133	.133	273.80	5	1,369	1806	-1.829	.034	.034
1156	295.75	44	13,013	271996	-.574	.283	.283	448.72	29	13,013	157221	-1.556	.060	.060
1157	501.31	36	18,047	350315	.815	.792	.208	859.38	21	18,047	211563	.924	.822	.178
1158	209.53	17	3,562	36194	1.396	.919	.081	296.83	12	3,562	27437	1.703	.956	.044
1159	230.31	160	36,849	2895670	-.388	.349	.349	414.03	89	36,849	1571749	-.678	.249	.249
1160	467.00	3	1,401	918	-1.690	.046	.046	1401.00	1	1,401	28	-1.663	.048	.048
1161	440.00	13	5,720	37280	.017	.507	.493	715.00	8	5,720	16713	-1.321	.093	.093
1162	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1163	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1164	189.70	101	19,160	1027654	1.081	.860	.140	294.77	65	19,160	697767	1.683	.954	.046
1165	662.27	15	9,934	78612	.370	.644	.356	1241.75	8	9,934	37956	-.220	.413	.413
1166	176.31	68	11,989	430619	.806	.790	.210	278.81	43	11,989	281174	1.032	.849	.151
1167	198.56	34	6,751	101691	-1.151	.125	.125	375.06	18	6,751	55580	-.626	.266	.266
1168	1249.00	2	2,498	2278	-.216	.415	.415	2498.00	1	2,498	2037	1.093	.863	.137
1169	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1170	163.73	101	16,537	874084	.812	.792	.208	246.82	67	16,537	534649	-.495	.310	.310
1171	272.16	45	12,247	299264	1.000	.841	.159	532.48	23	12,247	160007	1.130	.871	.129
1172	208.23	93	19,365	952875	.972	.834	.166	339.74	57	19,365	565318	.318	.625	.375
1173	290.04	82	23,783	955372	-.317	.375	.375	495.48	48	23,783	521110	-1.045	.148	.148
1174	282.22	18	5,080	52803	1.138	.872	.128	508.00	10	5,080	29841	.958	.831	.169
1175	467.67	58	27,125	748834	-.634	.263	.263	821.97	33	27,125	457414	.219	.587	.413
1176	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1177	203.00	7	1,421	4861	-.104	.459	.459	284.20	5	1,421	3703	.164	.565	.435
1178	297.47	60	17,848	579849	1.113	.867	.133	482.38	37	17,848	363249	1.055	.854	.146
1179	398.48	44	17,533	362864	-.681	.248	.248	730.54	24	17,533	216652	.252	.600	.400
1180	558.33	3	1,675	2682	.202	.580	.420	1675.00	1	1,675	1559	1.492	.932	.068
1181	602.50	2	1,205	886	-.649	.258	.258	1205.00	1	1,205	826	.643	.740	.260
1182	134.46	72	9,681	343883	-.195	.423	.423	268.92	36	9,681	192904	1.112	.867	.133
1183	164.76	119	19,606	1271715	1.703	.956	.044	272.31	72	19,606	743658	.788	.785	.215
1184	8033.00	1	8,033	3174	-.363	.358	.358	--	--	--	--	--	--	--
1185	427.80	20	8,556	87421	.169	.567	.433	658.15	13	8,556	48501	-.799	.212	.212
1186	172.20	35	6,027	108885	.332	.630	.370	287.00	21	6,027	72765	1.189	.883	.117
1187	111.42	103	11,476	603223	.363	.642	.358	225.02	51	11,476	312236	.828	.796	.204
1188	2501.50	4	10,006	15291	-.817	.207	.207	3335.33	3	10,006	11083	-.785	.216	.216
1189	445.54	43	19,158	420638	.241	.595	.405	736.85	26	19,158	246927	-.075	.470	.470
1190	186.98	102	19,072	1113073	2.525	.994	.006	312.66	61	19,072	648658	1.557	.940	.060
1191	724.00	1	724	110	-1.206	.114	.114	724.00	1	724	110	-1.206	.114	.114
1192	498.77	13	6,484	40448	-.252	.401	.401	1296.80	5	6,484	14233	-.472	.318	.318
1193	224.62	34	7,637	131195	.106	.542	.458	363.67	21	7,637	80521	.033	.513	.487
1194	225.19	37	8,332	177257	1.580	.943	.057	362.26	23	8,332	102973	.620	.732	.268
1195	202.18	11	2,224	11209	-.480	.316	.316	317.71	7	2,224	8584	.471	.681	.319
1196	256.96	25	6,424	85637	.576	.718	.282	428.27	15	6,424	53876	.793	.786	.214
1197	347.63	57	19,815	570997	0.145	.558	.442	619.22	32	19,815	335112	0.559	.712	.288
1198	477.68	19	9,076	94090	.689	.754	.246	1008.44	9	9,076	47507	.848	.802	.198
1199	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1200	399.75	36	14,391	255872	-.127	.449	.449	625.70	23	14,391	163209	-.115	.454	.454

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
1201	958.50	2	1,917	2795	1.122	.869	.131	1917.00	1	1,917	1384	.769	.779	.221
1202	1293.33	15	19,400	189104	2.010	.978	.022	1616.67	12	19,400	153576	1.916	.972	.028
1203	461.59	34	15,694	237544	-1.107	.134	.134	980.88	16	15,694	115801	-.538	.295	.295
1204	673.09	23	15,481	217986	1.864	.969	.031	1290.08	12	15,481	119543	1.722	.957	.043
1205	135.10	48	6,485	158891	.251	.599	.401	240.19	27	6,485	89833	.235	.593	.407
1206	203.69	52	10,592	244908	-1.383	.083	.083	392.30	27	10,592	126919	-1.012	.156	.156
1207	210.48	29	6,104	99083	1.114	.867	.133	610.40	10	6,104	31759	.222	.588	.412
1208	928.86	21	19,506	206430	.063	.525	.475	1393.29	14	19,506	139794	.154	.561	.439
1209	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1210	137.37	27	3,709	50158	.016	.506	.494	309.08	12	3,709	23360	.298	.617	.383
1211	275.11	102	28,061	1359494	-.875	.191	.191	425.17	66	28,061	961854	.545	.707	.293
1212	301.06	32	9,634	173148	1.208	.886	.114	401.42	24	9,634	123324	.566	.714	.286
1213	547.40	10	5,474	26954	-.083	.467	.467	782.00	7	5,474	18011	-.275	.392	.392
1214	241.33	3	724	1386	.829	.796	.204	362.00	2	724	1355	2.135	.984	.016
1215	2845.67	3	8,537	8667	-.970	.166	.166	8537.00	1	8,537	2946	-.537	.296	.296
1216	2523.40	10	25,234	137956	.512	.696	.305	6308.50	4	25,234	49749	-.049	.480	.480
1217	226.38	58	13,130	382211	.050	.520	.480	423.55	31	13,130	177984	-1.210	.113	.113
1218	204.31	16	3,269	29936	1.003	.842	.158	363.22	9	3,269	21112	2.261	.988	.012
1219	218.13	90	19,632	979703	1.791	.963	.037	370.42	53	19,632	571886	1.252	.895	.105
1220	4182.80	5	20,914	57586	.393	.653	.347	5228.50	4	20,914	43822	.165	.566	.434
1221	534.27	11	5,877	30095	-.396	.346	.346	839.57	7	5,877	21276	.157	.563	.437
1222	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1223	152.11	36	5,476	105466	.727	.766	.234	210.62	26	5,476	77638	.800	.788	.212
1224	282.57	7	1,978	8415	.988	.838	.162	659.33	3	1,978	2380	-.594	.276	.276
1225	203.77	13	2,649	16711	-.184	.427	.427	331.13	8	2,649	10808	.098	.539	.461
1226	1684.69	13	21,901	146388	.177	.570	.430	3650.17	6	21,901	69794	.264	.604	.396
1227	347.00	18	6,246	75164	2.477	.993	.007	567.82	11	6,246	45037	1.787	.963	.037
1228	343.43	73	25,070	972888	.935	.825	.175	642.82	39	25,070	496639	.172	.568	.432
1229	155.39	95	14,762	716042	.358	.640	.360	268.40	55	14,762	440758	1.101	.865	.135
1230	163.18	88	14,360	695829	1.646	.950	.050	251.93	57	14,360	451990	1.365	.914	.086
1231	155.80	5	779	2255	.612	.730	.270	779.00	1	779	734	1.532	.937	.063
1232	243.75	4	975	2936	1.752	.960	.040	487.50	2	975	1604	1.580	.943	.057
1233	212.92	25	5,323	86872	2.647	.996	.004	443.58	12	5,323	39715	1.461	.928	.072
1234	413.48	27	11,164	142152	-.511	.305	.305	858.77	13	11,164	74305	.150	.560	.440
1235	318.46	13	4,140	35446	1.981	.976	.024	460.00	9	4,140	25483	1.911	.972	.028
1236	246.22	9	2,216	6053	-2.042	.021	.021	554.00	4	2,216	3414	-.796	.213	.213
1237	398.24	33	13,142	142036	-3.433	0	0	773.06	17	13,142	69043	-2.728	.003	.003
1238	314.49	81	25,474	1057702	.393	.653	.347	621.32	41	25,474	514041	-.174	.431	.431
1239	218.10	69	15,049	507125	-.334	.369	.369	429.97	35	15,049	253906	-.368	.357	.357
1240	938.50	2	1,877	1963	.112	.545	.455	1877.00	1	1,877	114	-1.522	.064	.064
1241	192.26	94	18,072	874499	.497	.690	.310	340.98	53	18,072	484280	.141	.556	.444
1242	149.40	5	747	2728	1.785	.963	.037	186.75	4	747	2095	1.394	.918	.082
1243	133.36	132	17,604	1216998	.944	.827	.173	220.05	80	17,604	743075	.856	.804	.196
1244	191.52	100	19,152	919624	-.687	.246	.246	336.00	57	19,152	516696	-.698	.243	.243
1245	677.07	28	18,958	338497	2.524	.994	.006	1184.88	16	18,958	169542	0.817	.793	.207
1246	578.00	4	2,312	5221	.447	.673	.327	1156.00	2	2,312	2159	-.162	.436	.436
1247	379.55	40	15,182	285733	-.646	.259	.259	1167.85	13	15,182	89613	-.574	.283	.283
1248	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value	Mean interoccurrence interval (days)	Total no. of events	Total no. of days available	Sigma S	Standard normal variate	Non-exceedance probability	p-value
1249	397.65	31	12,327	215783	1.247	.894	.106	684.83	18	12,327	125561	.968	.833	.167
1250	244.09	151	36,857	2916702	1.025	.847	.153	433.61	85	36,857	1672926	1.086	.861	.139
1251	554.00	2	1,108	376	-1.618	.053	.053	--	--	--	--	--	--	--
1252	295.58	120	35,470	2315709	1.672	.953	.047	485.89	73	35,470	1331601	.422	.664	.336
1253	171.73	26	4,465	64847	1.035	.850	.150	235.00	19	4,465	44201	.317	.625	.375
1254	76.00	6	456	1547	.555	.711	.289	114.00	4	456	1156	.927	.823	.177
1255	161.78	83	13,428	575057	.504	.693	.307	248.67	54	13,428	354738	-.275	.392	.392
1256	511.83	40	20,473	513170	2.775	.997	.003	1023.65	20	20,473	252057	1.791	.963	.037
1257	300.45	65	19,529	621850	-.283	.389	.389	610.28	32	19,529	297521	-.469	.320	.320
1258	213.71	17	3,633	39671	2.033	.979	.021	259.50	14	3,633	31785	1.619	.947	.053
1259	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1260	170.19	128	21,784	1458245	.901	.816	.184	262.46	83	21,784	915818	.206	.582	.418
1261	408.95	20	8,179	96332	1.377	.916	.084	629.15	13	8,179	63950	1.267	.897	.103
1262	192.33	6	1,154	2720	-.909	.182	.182	288.50	4	1,154	1831	-.716	.237	.237
1263	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1264	516.00	3	1,548	3023	.906	.817	.183	516.00	3	1,548	3023	.906	.817	.183
1265	164.48	21	3,454	46506	2.241	.987	.013	265.69	13	3,454	24418	.547	.708	.292
1266	288.55	66	19,044	640492	.270	.606	.394	577.09	33	19,044	302447	-.373	.355	.355
1267	354.84	38	13,484	245465	-.447	.327	.327	612.91	22	13,484	151423	.170	.567	.433
1268	295.88	58	17,161	527220	.783	.783	.217	536.28	32	17,161	310459	1.280	.900	.100
1269	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1270	729.00	3	2,187	3485	.187	.574	.426	2187.00	1	2,187	1200	.169	.567	.433
1271	398.56	88	35,073	1388710	-1.627	.052	.052	687.71	51	35,073	719695	-2.416	.008	.008
1272	1330.33	3	3,991	6121	.067	.527	.473	1330.33	3	3,991	6121	.067	.527	.473
1273	560.53	17	9,529	105729	2.181	.985	.015	1191.13	8	9,529	49648	1.482	.931	.069
1274	128.19	48	6,153	147944	.022	.509	.491	246.12	25	6,153	67189	-1.095	.137	.137
1275	103.03	35	3,606	66278	.515	.697	.303	171.71	21	3,606	40439	.540	.705	.295
1276	115.15	48	5,527	137757	.462	.678	.322	157.91	35	5,527	94446	-.241	.405	.405
1277	111.30	23	2,560	36897	2.104	.982	.018	134.74	19	2,560	29283	1.541	.938	.062
1278	194.48	149	28,977	2423132	2.589	.995	.005	329.28	88	28,977	1420842	1.859	.968	.032
1279	1501.00	1	1,501	58	-1.598	.055	.055	--	--	--	--	--	--	--
1280	336.19	16	5,379	43418	.062	.525	.475	768.43	7	5,379	22756	.957	.831	.169
1281	206.77	30	6,203	95351	.235	.593	.407	344.61	18	6,203	64149	1.095	.863	.137
1282	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1283	581.44	9	5,233	23178	-.082	.467	.467	654.13	8	5,233	18016	-.683	.248	.248
1284	137.59	71	9,769	374594	1.170	.879	.121	191.55	51	9,769	265036	.791	.785	.215
1285	1754.67	12	21,056	149096	1.081	.860	.140	3509.33	6	21,056	70656	.503	.692	.308
1286	179.36	102	18,295	980652	.893	.814	.186	425.47	43	18,295	426480	.957	.831	.169
1287	398.67	15	5,980	51168	.945	.828	.172	664.44	9	5,980	32877	1.152	.875	.125
1288	401.60	30	12,048	165417	-.803	.211	.211	602.40	20	12,048	99184	-1.369	.086	.086
1289	462.27	30	13,868	185918	-1.008	.157	.157	1260.73	11	13,868	63165	-.987	.162	.162
1290	476.67	3	1,430	2555	.573	.717	.283	715.00	2	1,430	1563	.228	.590	.410
1291	405.33	3	1,216	2619	1.308	.904	.096	608.00	2	1,216	1855	1.287	.901	.099
1292	182.08	108	19,665	1193196	2.225	.987	.013	289.19	68	19,665	788886	2.569	.995	.005
1293	274.86	62	17,041	518491	-0.253	.400	.400	355.02	48	17,041	411421	0.072	.529	.471
1294	389.08	13	5,058	28330	-.864	.194	.194	843.00	6	5,058	13335	-.514	.304	.304
1295	212.67	3	638	868	-.279	.390	.390	--	--	--	--	--	--	--
1296	101.36	42	4,257	85557	-.482	.315	.315	202.71	21	4,257	48610	.695	.756	.244

Table 7. Summary of interoccurrence intervals for daily precipitation thresholds of 2.5 and 3.0 inches—Continued

Seq. no.	Daily precipitation threshold of 2.5 inches and greater							Daily precipitation threshold of 3.0 inches and greater						
	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value	Mean inter-occur-rence interval (days)	Total no. of events	Total no. of days avail-able	Sigma S	Stan-dard normal variate	Non-ex-ceed-ance prob-ability	p-value
1297	208.39	13	2,709	14316	-1.168	.122	.122	270.90	10	2,709	8852	-1.898	.029	.029
1298	185.63	8	1,485	7340	1.155	.876	.124	742.50	2	1,485	1184	-.497	.310	.310
1299	158.95	61	9,696	352693	2.606	.995	.005	269.33	36	9,696	208726	2.036	.979	.021
1300	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1301	181.61	153	27,787	2128759	.031	.512	.488	323.11	86	27,787	1233564	.521	.699	.301
1302	201.02	93	18,695	946786	1.489	.932	.068	327.98	57	18,695	593482	1.489	.932	.068
1303	291.00	1	291	228	.982	.837	.163	--	--	--	--	--	--	--
1304	303.33	12	3,640	25576	1.026	.848	.152	606.67	6	3,640	15251	1.683	.954	.046
1305	11327.50	2	22,655	23673	.110	.544	.456	11327.50	2	22,655	23673	.110	.544	.456
1306	383.90	39	14,972	273400	-.687	.246	.246	712.95	21	14,972	122454	-1.755	.040	.040

Table 8. Example computation steps of interoccurrence intervals for a Poisson process described in text

[Total time, T, is 60 days and mean interoccurrence interval, Λ, is 10 days. Median number of occurrences to closest integer is 5 (shaded row)]

No. of occurrences n	Probability density value, eq. 5 $f_n(T)$	Cumulative probability, eq. 6 $F_n(T)$
0	.00248	.00248
1	.0149	.0174
2	.0466	.0620
3	.0892	.151
4	.134	.285
5	.161	.446
6	.161	.606
7	.138	.744
8	.103	.847
9	.0688	.916
10	.0413	.957

Table 9. Summary of statewide interoccurrence interval statistics and diagnostic statistics of interoccurrence interval maps

[RMSE, root-mean-square error; bias computed as observed value for station minus value predicted from map; in., inches]

Daily precipitation threshold (in.)	Statewide mean interoccurrence interval (days)	Statewide standard deviation of interoccurrence interval (days)	Statewide no. of stations with events	Statewide no. of p-values less than or equal to .01	Percent of stations with p-values less than or equal to .01	Statewide mean of interpolated interoccurrence interval map (days)	Statewide mean bias of interoccurrence interval map (days)	RMSE of interoccurrence interval map (days)	Percent change from standard deviation to RMSE (percent)
0.05	8.04	3.68	1,299	406	31.3	7.64	0.404	2.80	-24
.10	9.38	4.02	1,299	309	23.8	8.95	.436	2.73	-32
.25	14.03	7.70	1,298	184	14.2	13.4	.679	5.20	-32
.50	23.50	18.86	1,294	171	13.2	22.3	1.22	13.7	-27
.75	36.76	29.83	1,284	151	11.8	35.5	1.27	17.8	-40
1.0	55.72	52.12	1,277	140	11.0	54.5	1.23	29.5	-43
1.5	127.7	160.1	1,258	107	8.51	123	5.20	86.5	-46
2.0	273.0	458.0	1,230	87	7.07	268	5.23	183	-60
2.5	533.9	882.0	1,189	65	5.47	528	5.78	416	-53
3.0	876.3	1,515	1,143	37	3.24	864	12.0	999	-34

Table 10. Summary of interoccurrence ratios by month for 0.05-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.21	1.08	1.12	1.07
Feb.	1.13	.99	1.04	.98
Mar.	1.20	1.10	1.11	1.09
Apr.	1.16	1.04	1.07	1.03
May	.88	.81	.79	.80
June	.84	.82	.75	.81
July	1.07	1.06	.98	1.05
Aug.	1.15	1.14	1.06	1.13
Sept.	.91	.88	.82	.87
Oct.	1.09	1.05	1.00	1.04
Nov.	1.11	1.04	1.02	1.03
Dec.	1.28	1.12	1.19	1.11
Average	1.09	1.01		
Incremental adjustment	-.09	-.01		

Table 11. Summary of interoccurrence ratios by month for 0.10-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.25	1.13	1.15	1.11
Feb.	1.21	1.05	1.11	1.03
Mar.	1.24	1.14	1.14	1.12
Apr.	1.19	1.06	1.09	1.04
May	.88	.80	.78	.78
June	.81	.78	.71	.76
July	1.05	1.04	.95	1.02
Aug.	1.14	1.15	1.04	1.13
Sept.	.91	.87	.81	.85
Oct.	1.06	1.03	.96	1.01
Nov.	1.10	1.04	1.00	1.02
Dec.	1.30	1.14	1.20	1.12
Average	1.10	1.02		
Incremental adjustment	-.10	-.02		

Table 12. Summary of interoccurrence ratios by month for 0.25-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.40	1.24	1.28	1.21
Feb.	1.38	1.18	1.26	1.15
Mar.	1.42	1.23	1.30	1.20
Apr.	1.23	1.07	1.11	1.04
May	.88	.78	.76	.75
June	.76	.73	.64	.70
July	1.01	1.00	.89	.97
Aug.	1.13	1.12	1.00	1.09
Sept.	.90	.86	.78	.83
Oct.	1.00	.97	.88	.94
Nov.	1.08	1.02	.96	.99
Dec.	1.25	1.13	1.13	1.10
Average	1.12	1.03		
Incremental adjustment	-.12	-.028		

Table 13. Summary of interoccurrence ratios by month for 0.50-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.44	1.30	1.31	1.26
Feb.	1.50	1.32	1.37	1.28
Mar.	1.52	1.33	1.39	1.29
Apr.	1.32	1.15	1.19	1.11
May	.90	.78	.77	.74
June	.74	.69	.61	.65
July	.96	.94	.83	.90
Aug.	1.11	1.09	.98	1.05
Sept.	.92	.88	.79	.84
Oct.	.94	.91	.81	.87
Nov.	1.05	.98	.92	.94
Dec.	1.19	1.11	1.06	1.07
Average	1.13	1.04		
Incremental adjustment	-.13	-.040		

Table 14. Summary of interoccurrence ratios by month for 0.75-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.41	1.31	1.29	1.27
Feb.	1.47	1.35	1.35	1.31
Mar.	1.54	1.38	1.42	1.34
Apr.	1.36	1.24	1.24	1.20
May	.95	.84	.83	.80
June	.75	.69	.63	.65
July	.93	.90	.81	.86
Aug.	1.08	1.06	.96	1.02
Sept.	.92	.88	.80	.84
Oct.	.89	.86	.77	.82
Nov.	1.01	.95	.89	.91
Dec.	1.10	1.05	.98	1.01
Average	1.12	1.043		
Incremental adjustment	-.12	-.043		

Table 15. Summary of interoccurrence ratios by month for 1.0-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.35	1.27	1.26	1.24
Feb.	1.38	1.32	1.29	1.29
Mar.	1.47	1.36	1.38	1.33
Apr.	1.36	1.29	1.27	1.26
May	1.01	.92	.92	.89
June	.79	.73	.70	.70
July	.90	.86	.81	.83
Aug.	1.07	1.03	.98	1.00
Sept.	.90	.86	.81	.83
Oct.	.84	.81	.75	.78
Nov.	.95	.91	.86	.88
Dec.	1.02	.97	.93	.94
Average	1.09	1.03		
Incremental adjustment	-.09	-.03		

Table 16. Summary of interoccurrence ratios by month for 1.5-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.17	1.06	1.13	1.06
Feb.	1.16	1.12	1.12	1.12
Mar.	1.37	1.30	1.33	1.30
Apr.	1.30	1.25	1.26	1.25
May	1.07	1.01	1.03	1.01
June	.89	.85	.85	.85
July	.92	.88	.88	.88
Aug.	1.02	.99	.98	.99
Sept.	.90	.87	.86	.87
Oct.	.79	.77	.75	.77
Nov.	.92	.87	.88	.87
Dec.	.94	.86	.90	.86
Average	1.04	.99		
Incremental adjustment	-.04	0		

Table 17. Summary of interoccurrence ratios by month for 2.0-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.06	.93	1.06	.99
Feb.	1.00	.92	1.00	.98
Mar.	1.30	1.20	1.30	1.26
Apr.	1.21	1.15	1.21	1.21
May	1.05	1.03	1.05	1.09
June	.92	.89	.92	.95
July	.96	.89	.96	.95
Aug.	1.02	.95	1.02	1.01
Sept.	.92	.88	.92	.94
Oct.	.80	.76	.80	.82
Nov.	.95	.86	.95	.92
Dec.	.88	.79	.88	.85
Average	1.01	.94		
Incremental adjustment	0	.06		

Table 18. Summary of interoccurrence ratios by month for 2.5-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	1.04	.85	1.04	.95
Feb.	.94	.80	.94	.90
Mar.	1.24	1.08	1.24	1.18
Apr.	1.19	1.09	1.19	1.19
May	1.02	.99	1.02	1.09
June	.97	.93	.97	1.03
July	.95	.88	.95	.98
Aug.	1.00	.89	1.00	.99
Sept.	.91	.88	.91	.98
Oct.	.80	.76	.80	.86
Nov.	.91	.83	.91	.93
Dec.	.87	.78	.87	.88
Average	.99	.90		
Incremental adjustment	.01	.10		

Table 19. Summary of interoccurrence ratios by month for 3.0-inch and greater daily precipitation threshold

[A monthly interoccurrence ratio is defined as ratio of mean interoccurrence interval for corresponding month to mean interoccurrence interval for period of record at the station. Mean monthly interoccurrence ratio is arithmetic average of monthly ratios for all stations, and median monthly interoccurrence ratio is median of monthly ratios for all stations. Adjusted ratios have averages of unity and therefore are preferred because statistical bias has been removed.]

Month	Mean monthly interoccurrence ratio	Median monthly interoccurrence ratio	Adjusted mean monthly interoccurrence ratio	Adjusted median monthly interoccurrence ratio
Jan.	.98	.74	1.01	.89
Feb.	.90	.70	.93	.85
Mar.	1.15	1.01	1.18	1.16
Apr.	1.12	1.01	1.15	1.16
May	.99	.93	1.02	1.08
June	.94	.88	.97	1.03
July	.96	.82	.99	.97
Aug.	1.01	.89	1.04	1.04
Sept.	.91	.86	.94	1.01
Oct.	.83	.79	.86	.94
Nov.	.91	.81	.94	.96
Dec.	.94	.77	.97	.92
Average	.97	.85		
Incremental adjustment	.03	.15		

Table 20. Regional estimates of mean interoccurrence interval of precipitation for Austin, Texas

[Regional mean interoccurrence intervals estimated from figures 4–13. For comparison, site-specific mean interoccurrence intervals for 72-year record for Austin Camp Mabry (station no. 428, sequence no. 46) are listed as well as those for 18-year record for Austin Dam (station no. 430, sequence no. 47).]

Daily precipitation threshold (inches)	Regional mean interoccurrence interval (days)	Station 428 site-specific mean interoccurrence interval (days)	Station 430 site-specific mean interoccurrence interval (days)
0.05	6.6	5.96	6.55
.10	7.8	7.37	8.03
.25	11.3	11.06	12.60
.50	17.5	17.66	20.20
.75	26	26.01	28.41
1.0	36	37.41	42.42
1.5	79	76.04	79.54
2.0	150	146.89	159.08
2.5	265	251.00	254.52
3.0	440	403.95	454.20