NOAA Technical Memorandum NWS HYDRO-33

GREATEST KNOWN AREAL STORM RAINFALL DEPTHS FOR THE CONTIGUOUS UNITED STATES

Office of Hydrology
Silver Spring, Md.
December 1976

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Weather Bureau Technical Notes

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ESSA Technical Memoranda

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WBTM HYDRO 3 The Role of Persistence, Instability, and Moisture in the Intense Rainstorms in Eastern Colorado, June 14-17, 1965. F. K. Schwarz, February 1967. (PB-174-609)

WBTM HYDRO 4 Elements of River Forecasting. Marshall M. Richards and Joseph A. Strahl, October 1967. (Superseded by WBTM HYDRO 9)

WBTM HYDRO 5 Meteorological Estimation of Extreme Precipitation for Spillway Design Floods. Vance A. Myers, October 1967. (PB-177-687)

WBTM HYDRO 6 Annotated Bibliography of ESSA Publications of Hydrometeorological Interest. J. L. H. Paulhus, November 1967. (Superseded by WBTM HYDRO 8)

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WBTM HYDRO 9 Elements of River Forecasting (Revised). Marshall M. Richards and Joseph A. Strahl, March 1969. (PB-185-969)

WBTM HYDRO 10 Flood Warning Benefit Evaluation - Susquehanna River Basin (Urban Residences). Harold J. Day, March 1970. (PB-190-984)

WBTM HYDRO 11 Joint Probability Method of Tide Frequency Analysis Applied to Atlantic City and Long Beach Island, N.J. Vance A. Myers, April 1970. (PB-192-745)

NOAA Technical Memoranda

NWS HYDRO 12 Direct Search Optimization in Mathematical Modeling and a Watershed Model Application. John C. Monro, April 1971. (COM-71-00616)

NWS HYDRO 13 Time Distribution of Precipitation in 4- to 10-Day Storms--Ohio River Basin. John F. Miller and Ralph H. Frederick, May 1972. (COM-72-11139)

NWS HYDRO 14 National Weather Service River Forecast System Forecast Procedures. December, 1972. COM-73-10517)

(Continued on inside back cover)

NOAA Technical Memorandum NWS HYDRO-33

GREATEST KNOWN AREAL STORM RAINFALL DEPTHS FOR THE CONTIGUOUS UNITED STATES

Albert P. Shipe
John T. Riedel

Office of Hydrology
Silver Spring, Md.
December 1976

UNITED STATES
DEPARTMENT OF COMMERCE
Elliot L. Richardson, Secretary

NATIONAL OCEANIC AND
ATMOSPHERIC ADMINISTRATION
Robert M. White, Administrator

National Weather
Service
George P. Cressman, Director

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GREATEST KNOWN AREAL STORM RAINFALL DEPTHS FOR THE CONTIGUOUS UNITED STATES

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ABSTRACT. The greatest known areal storm rainfall depths for the contiguous United States are presented for the winter, spring, summer, and fall seasons. The depths are for 100, 200, 1000, 5000, and 10,000 square miles (259, 518, 2590, 12,950, 25,900 km^2) for 6, 12, 24 and 48 hours. The rainfall values are given on maps and identified on adjacent tables.

INTRODUCTION

Basic to many hydrometeorological studies are areal depths of rainfall. Because of the great variability in storm precipitation from point to point, an areal average depth is more representative of effective basin catch and is the precipitation value that can be used directly for many purposes. We believe this report giving the greatest known areal rainfall values will be useful to many studies in the fields of meteorology and hydrology.

The first known published record of areal storm rainfall depths for the United States (Miami Conservancy District 1936) was the result of many years of effort in determining the greatest 1-, 2-, 3-, etc., day areal depths in major storms east of the 103d meridian.

In the late 1930's, the Weather Bureau established a Hydrometeorological Unit, funded by the U. S. Army Corps of Engineers, whose function continues to be the making of hydrometeorological studies, in particular, regarding estimates of extreme rainfall rates over selected regions or drainages. Estimates of the most extreme rainfalls that nature can provide are used as meteorological criteria in design of water control structures. A first step in this joint effort of the Corps and the Weather Bureau was to determine the maximum depths of major rainfalls systematically by 6-hr duration steps over standard area sizes. These values are published in "Storm Rainfall in the United States" (Corps of Engineers 1945-), a continuing effort to include maximum areal depths for all major storms. To date (January 1976) 539 storms are included. For convenience we will refer to this document as "Storm Rainfall."

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The method for computing such maximum rainfall depths has been systematized into an objective procedure. The procedure requires station mass curves of rainfall (accumulated rainfall vs. time) and the total storm isohyetal map. The procedure is published in a World Meteorological Organization Manual (WMO No. 237, TP 129, 1969).

Over the years the Hydrometeorological Branch has accumulated numerous other areal rainfall depths. These come from several sources that are described in the next section. The objective of this report is to catalog the five greatest known areal storm rainfall depths from all of these sources within each of 40 sections for the four seasons.

STORM DATA

The best data set for this report is "Storm Rainfall". Detailed and consistent computations for maximum areal depths are included in this publication for all storms in this set. In the tables and maps that follow, depths for storms from this set are identified by "Storm Rainfall" or by letter "A".

A second set of data consists of depths that the Hydrometeorological Branch has accumulated over the years from a number of sources. This includes estimates for storms made by Corps of Engineers District Offices. It also includes estimates based on published and unpublished isohyetal patterns for which the Hydrometeorological Branch has used approximate methods with a few recorder stations to obtain the time distribution. For particular large basin studies, the Hydrometeorological Branch has plotted isohyetal maps from the Climatological Data (National Weather Service) and used approximations to obtain estimates of maximum areal depths for selected durations. For all estimates in this second data set, either the standard systematized depth-area-duration analysis was used in part or alternate procedures were applied. For the maps and tabulations of this report, depths from this data set are identified by "Hydrometeorological Branch" or "H".

A third data set is storm rainfall depths determined by the Bureau of Reclamation or by the Cooperative Studies Section (now Special Studies Branch) of the U. S. Weather Bureau (now National Weather Service) funded by the Bureau of Reclamation. Most of these data are for the Western States. Some of these depths were determined by standard procedures. Others result from less complete or approximate studies similar to those in the second set. Depths from this third set are identified in this report by "Bureau of Reclamation" or "R".

Detailed isohyetal maps and mass curves of station rainfall are available for the data from "Storm Rainfall." The amount of basic data for the remaining storms varies. For some storms only isohyetal maps are available. For some, only maximum average depths for the storm duration are available. For others, only rainfall over a particular drainage basin is considered; that is, the depths are not "storm centered". Depths obtained from the literature and unpublished studies, in some cases have no back-up material, in others, a bare minimum.

DISTRIBUTIONS OF STORM AREAL DEPTHS

Table 1 shows the number of storms from the three sources just described for which some maximum areal rainfall depths are available. "Storm Rainfall" provides 63 percent of the total of 853 storms, "Hydrometeorological Branch", 26 percent, and "Bureau of Reclamation," 11 percent.

Table 1.--Number of storms from three sources for which areal depths are available.

Source	Number of storms	% of total
1. "Storm Rainfall"	539	63
2. "Bureau of Reclamation"	93	11
3. "Hydrometeorological Branch" (includes data extracted from the literature)	221	26
Total	853	100

All the storms do not give maximum depth-area-duration (D-A-D) values for the entire array of area sizes, from 10- (25.9 km^2) to over 50,000 mi^2 (129,500 km^2) and durations from 6 to over 72 hr. It is natural that there would be more data for shorter durations than for longer and for smaller areas than for larger because nature has produced more shorter duration and smaller area storms. Table 2 summarizes the number of areal rainfall depths available for a full range of standard areas and durations.

Table 2.--Number of storm rainfall depths for standard area sizes and durations

Area		Duration (hr)								
Km^2	mi^2	6	12	18	24	30	36	48	60	72
26	10	695	682	657	659	557	593	560	409	391
259	100	724	708	673	682	568	608	574	410	401
518	200	719	707	673	684	566	608	578	406	403
1295	500	730	717	681	695	577	615	592	414	415
2590	1000	750	739	693	718	585	625	605	420	420
5180	2000	697	693	650	667	563	583	556	413	396
12,950	5000	666	665	632	656	648	570	556	407	401
25,900	10,000	603	604	576	601	502	529	521	381	378
51,800	20,000	469	469	455	469	409	432	424	327	315

More data appear at 1000 mi^2 (2590 km^2) than any other size area because the Hydrometeorological Branch made a special effort to determine large-area depths for a generalized extreme precipitation study covering large basins in the Eastern two-thirds of the United States (Riedel and Schreiner 1972). The study covered area sizes between 1000 (2590 km^2) and 20,000 mi^2 (51,800 km^2).

The seasonal distribution of available storm D-A-D data is of interest. For studies involving a contribution of runoff from snowmelt, it is necessary to consider the capability of extreme rainfall in the spring on top of a snow cover as well as the most extreme for other seasons of the year. Table 3 shows the distribution of the available D-A-D data among the 12 months. When a storm date bracketed 2 months, the storm was assigned the earlier month.

Table 3.--Seasonal distribution of available areal rainfall depths

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Tot.
No. of Storms	43	37	53	44	80	133	97	101	124	50	37	54	853
% of Storms	5	4	6	5	10	16	11	12	15	6	4	6	100

The table emphasizes the limited data available for analysis where seasonal variation is important. For example, fewer than 125 storms have been analyzed over the contiguous 48 United States in April and May, the critical snowmelt period for many locations. The table shows that over half of the total analyzed storms occurred in the period June to September; the season of most importance with respect to the greatest rainfall potential over many of the states.

Also of interest is the regional distribution of the data over the 48 states. This is shown in a rather broad way in figure 1.

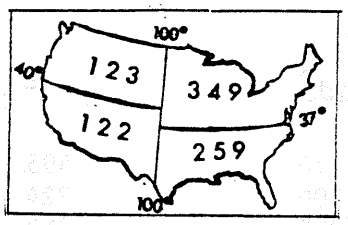

Figure 1.--Distribution of available storm areal rainfall data among four regions of the United States.

The contiguous 48 states are divided into four approximately equal-sized regions by the 100th meridian (through western Kansas) and the 40th parallel of latitude to the west (approximately through Denver, Colorado) and the 37th parallel of latitude to the east (along the southern border of Kansas). The outstanding feature of the figure is that only about 29 percent of the storms are in the western states.

Another interesting distribution of the storms is chronological. The earliest storm is 1819 but only two occurred prior to 1866. There are 34 storms or 4 percent of the total, prior to 1890. The largest number, 179 or 21 percent of the total are in the decade of 1935 to 1944. Between 1906 and 1945 there are 612 or 72 percent of the total. The large number of records of storms in the last period is due to a concentrated effort to obtain basic storm data soon after establishment of the Hydrometeorological Branch. Since 1945, all major storms are included, but lesser storms have been omitted. Other factors that affect the chronological distribution are how much effort can be put into storm analysis, and the number of flood control projects being considered at various times. The actual occurrences of major storms are believed to have a minor effect on the chronological distribution of the number of storms in this report.

MAXIMUM OBSERVED AREAL RAINFALL DEPTHS FOR THE UNITED STATES

The maximum observed areal rainfall depths for the United States from the available data are summarized in table 4. All of the values are from "Storm Rainfall". Because of less interest in storm depths over large areas, say for 20,000 mi^2 (51,800 km^2), some greater values for larger areas may not have been included. One such case is known, that is the U. S.-Mexico storm of Sept 19-24, 1967. This storm was analyzed out to the enveloping 4-in. (101-mm) isohyet. Had the storm analysis been extended to the 3-in. (76-mm) isohyet, considerably greater depths would have been recorded for 100,000 mi^2 (259,000 km^2) for at least 48 and 72 hr than those shown in the table.

FIVE GREATEST AREAL DEPTHS BY SECTIONS OVER THE UNITED STATES

The major purpose of this report is to present the greatest areal rainfall depths by seasons and regions over the United States. To keep the report from being too large, depths are shown only for areas of 100-, 200-, 1000-, 5000-, and 10,000 mi^2 (259, 518, 2590, 12,950, 25,900 km^2) for durations of 6, 12, 24, and 48 hr. For depths between the given durations and area sizes, interpolation should give a reasonable estimate. Smaller area sizes were omitted in order not to become involved with extreme point values. Such data are given in Technical Papers (Weather Bureau 1963, 1951-1961, and 1952).

The United States was divided into 40 sections by a 5-degree latitude and longitude grid. There are several departures from the 5 x 5-degree sections to allow combining a small portion of northern Michigan into section No. 8,

Table 4.--Maximum observed areal rainfall depths for the United States
(Average rainfall in inches and (millimeters))

Area	Duration (hours)						
	6	12	18	24	36	48	72
10 mile^2 (26 km^2)	24.7a (627)	29.8b (757)	36.3c (922)	38.7c (983)	41.8c (1062)	43.1c (1095)	45.2c (1148)
100 mile^2 (259 km^2)	19.6b (498)	26.3c (668)	32.5c (826)	35.2c (894)	37.9c (963)	38.9c (988)	40.6c (1031)
200 mile^2 (518 km^2)	17.9b (455)	25.6c (650)	31.4c (798)	34.2c (869)	36.7c (932)	37.7c (958)	39.2c (996)
500 mile^2 (1,295 km^2)	15.4b (391)	24.6c (625)	29.7c (754)	32.7c (831)	35.0c (889)	36.0c (914)	37.3c (947)
1,000 mile^2 (2,590 km^2)	13.4b (340)	22.6c (574)	27.4c (696)	30.2c (767)	32.9c (836)	33.7c (856)	34.9c (886)
2,000 mile^2 (5,180 km^2)	11.2b (284)	17.7c (450)	22.5c (572)	24.8c (630)	27.3c (693)	28.4c (721)	29.7c (754)
5,000 mile^2 (12,950 km^2)	8.1bj (206)	11.1b (282)	14.1b (358)	15.5c (394)	18.7d (475)	20.7d (526)	24.4d (620)
10,000 mile^2 (25,900 km^2)	5.7j (145)	7.9k (201)	10.1e (257)	12.1e (307)	15.1d (384)	17.4d (442)	21.3d (541)
20,000 mile^2 (51,800 km^2)	4.0j (102)	6.0k (152)	7.9e (201)	9.6e (244)	11.6d (295)	13.8d (351)	17.6d (447)
50,000 mile^2 (129,500 km^2)	2.5eh (64)	4.2g (107)	5.3e (135)	6.3e (160)	7.9e (201)	9.9ℓ (252)	13.2ℓ (335)
100,000 mile^2 (259,000 km^2)	1.7h (43)	2.5ih (64)	3.5e (89)	4.3e (109)	5.9m (150)	6.6f (168)	8.9f (226)

Storm	Date	Location of center	Corps of Engineers Assignment No.
a	17-18 July 1942	Smethport, Pa.	OR9-23
b	8-10 Sept 1921	Thrall, Tex.	GM4-12
c	3-7 Sept 1950	Yankeetown, Fla.	SA5-8
d	27 June-1 July 1899	Hearne, Tex.	GM3-4
e	13-15 Mar 1929	Elba, Ala.	LM2-20
f	5-10 July 1916	Bonifay, Fla.	GM1-19
g	15-18 Apr 1900	Eutaw, Ala.	LMV-2-5
h	22-26 May 1908	Chattanooga, Okla.	SW1-10
i	19-22 Nov 1934	Millry, Ala.	LMV-1-18
j	27 June-4 July 1936	Bebe, Tex.	GM5-6
k	12-16 Apr 1927	Jefferson Parish, La.	LMV4-8
ℓ*	19-24 Sept 1967	Sombreretillo, Mex.	SW3-24
m	29 Sept-3 Oct 1929	Vernon, Fla.	SA3-23

*More than half of the area covered is in the United States.

the northern portion of New England and New York into section No. 9, a small additional coastal portion into section No. 38, and a small portion of southern Texas into section No. 39.

Within each of these 40 sections, the five greatest known areal depths are given on maps for each of the five area sizes and four durations. This is done separately for each of the four seasons:

Winter: December, January, February
Spring: March, April, May
Summer: June, July, August
Fall: September, October, November

Each map is followed by a table identifying the storms contributing the five greatest depths. Clarification of the information in the tables is given in table 5.

Table 5.--Identification of storm listings

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT.	LOCATION LONG.
10(14)					
11.4		12/29/13-01/03/914 R	-	3955	12125
9.2		1/11/09-01/16/909 R	-	3900	12025
B 8.3(	1011- 24)	12/09/37-12/12/937 H	-	3945	12130
8.1		12/08/29-12/13/929 R	-	4105	12210
8.0		2/4/40-02/29/940 R	-	3955	12125

Section Number
B if Basin Centered Value
Total Number of Storms in Section
Rainfall Depth in Inches
Area and Duration of Rainfall if Different from Map Area and Duration (mi^2-hr)
Storm Beginning and Ending Dates
A-"Storm Rainfall"
R-Bureau of Reclamation
H-Hydrometeorological Branch
Storm Center Latitude in Degrees and Minutes
Storm Center Longitude in Degrees and Minutes

The section number on the left is followed by the total number of storm depths in the section. The five greatest depths are then given in inches. If a depth is based on basin-centered data rather than isohyetal-centered data, it is preceded by a "B". Basin-centered depths are always the same or less than isohyetal-centered data for the same storm.

Not every storm has a complete array of D-A-D values. Instead of not including data if no values were available for a standard area size or duration, the following was done:

1. If there was no value for the map area size, the value for the next larger area available is given.

2. If there was no value for the map duration, the longest duration value, shorter than the map duration, is given.

3. Both of 1 and 2 can apply to some storms.

The storm values falling into any of these three categories are identified on the maps by an asterisk, and the actual area and/or duration of the depths are given in the table under "Comment Area/Dur."

Next, the tables give the storm period and source of the data. Should a storm overlap into the next season, the beginning of the storm period determines into which season the storm is placed. The sources discussed earlier are coded as follows:

	Code
"Storm Rainfall"	A
Bureau of Reclamation	R
Hydrometeorological Branch	H

The Corps of Engineers storm assignment number for "Storm Rainfall" is given for ease of identification. The latitude and longitude of the storm center or greatest station rainfall concludes the table.

There are some storms that extend over a very large area and have two or more distinct isohyetal centers. For some such cases in "Storm Rainfall," separate D-A-D values have been determined for each distinct center, as well as a D-A-D array of values for the total isohyetal pattern. If two or more of the distinct storm centers are located in the same section, then the D-A-D values for the total isohyetal pattern is the only one considered.

LIMITATIONS OF PRESENTED DATA

The mapped depths are the greatest known to us at the present time (January 1976). A preprint of this report circulated to various government agencies early in 1975 uncovered several dozen additional depths that have been included.

Inspection of the maps shows no analyzed storms for certain sections, seasons, area sizes, and durations for many maps. Fewer than five storm values are available for many sections. Transposition of storms in the relatively flat eastern two-thirds of the States compensates for sparce storm data in many studies; however, there are yet many regions where storm analyses are desired and should be made. In some regions, particularly where fewer than five storms are available, the smallest value shown for a particular duration or area may have been exceeded by some storm not analyzed. This may be especially true if there is a significant difference between the smallest storm value and the next larger. This results partly from inclusion in the data set of values for all durations and areas for a storm even though it may have been significant only for some durations and areas.

The arbitrary gridding of the United States with 40 sections by latitude, longitude, and political lines does not give representative storm depths by climatological divisions, similar terrain features, or any other geographical regioning such as river drainages, etc. Thus, especially for the western States, the mapped values cannot be enveloped for an indication of rainfall potential for a drainage or area. For a record of greatest storm depths for a drainage, one should go to the tables to identify the storms centered in the drainage of concern, if any, and survey the storms in adjoining sections which may have rainfalls extending into the drainage.

A translucent overlay is included that will allow easy identification of sections and State boundaries.

The 40 sections have nothing to do with the transposability of storm amounts. This has not been studied in a general way. Depending on the reasons for making transpositions, the distance and direction of transposition varies. In studies giving estimates of the most extreme rainfalls that nature can produce, we have considered transposition for some of the storms. For that purpose some storms can be transposed across several states, while others are intimately associated with the underlying terrain where they occur and cannot be transposed without detailed studies of terrain influences.

All storm depths are given in inches and the areas in mi^2. To expedite this report, we did not convert these units to the metric system. However, the following table may be referred to if metric units are desired.

Metric Conversions

Area		Depth
mi^2	km^2	
100	259	1 inch = 25.4 mm
200	518	
1000	2590	
5000	12,950	
10,000	25,900	

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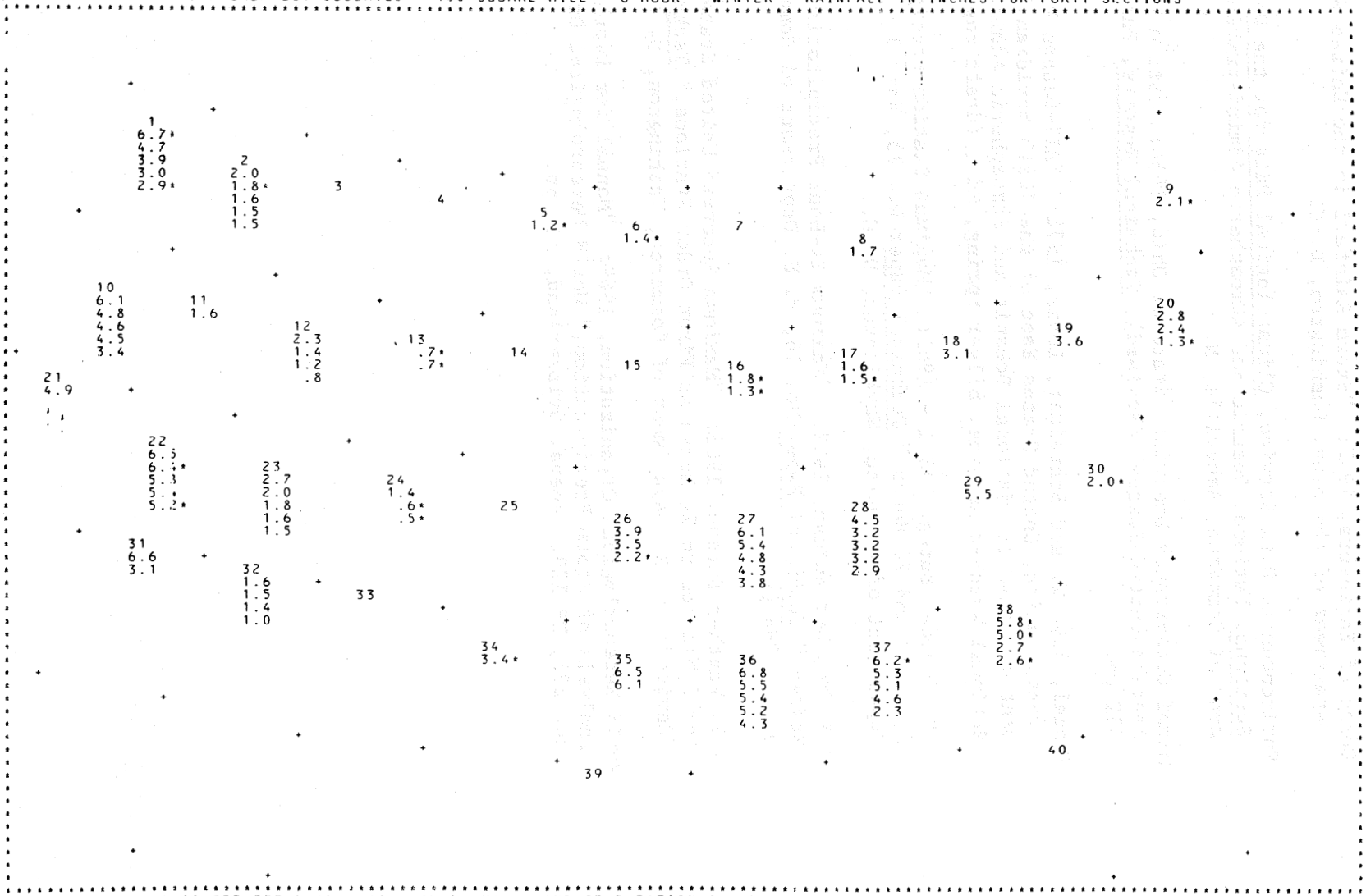
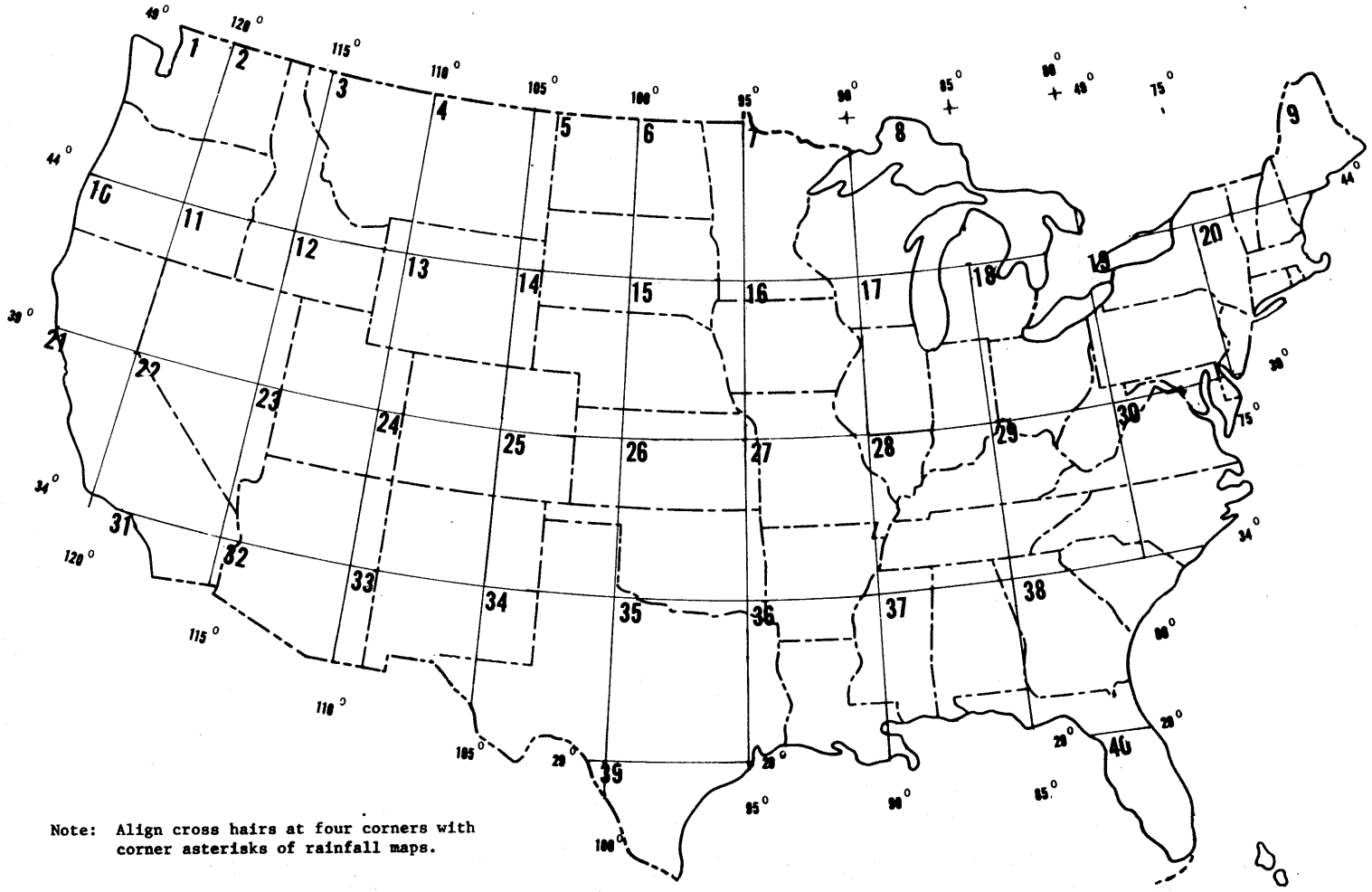
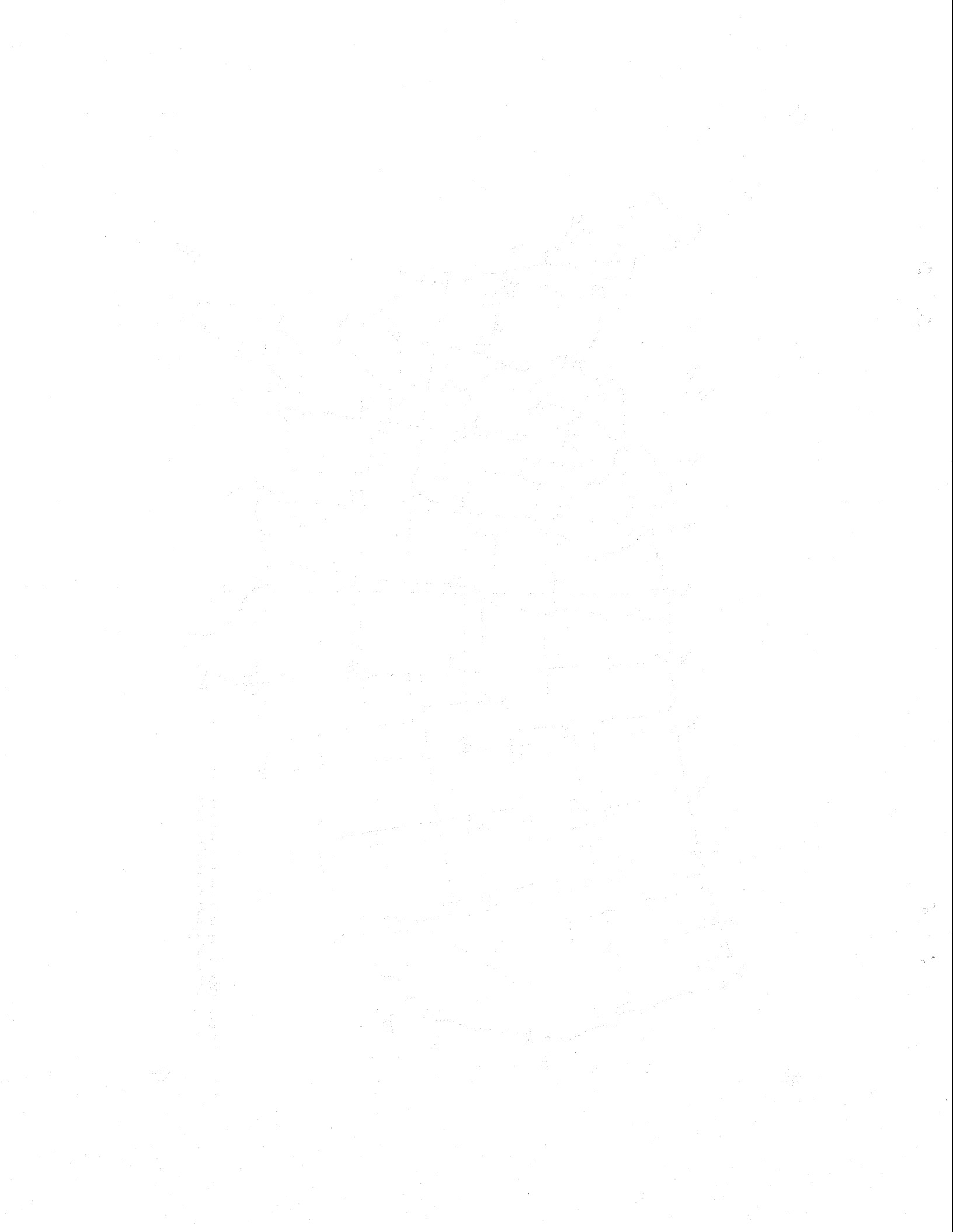
FIVE GREATEST OBSERVED 100 SQUARE MILE- 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.



Note: Align cross hairs at four corners with corner asterisks of rainfall maps.

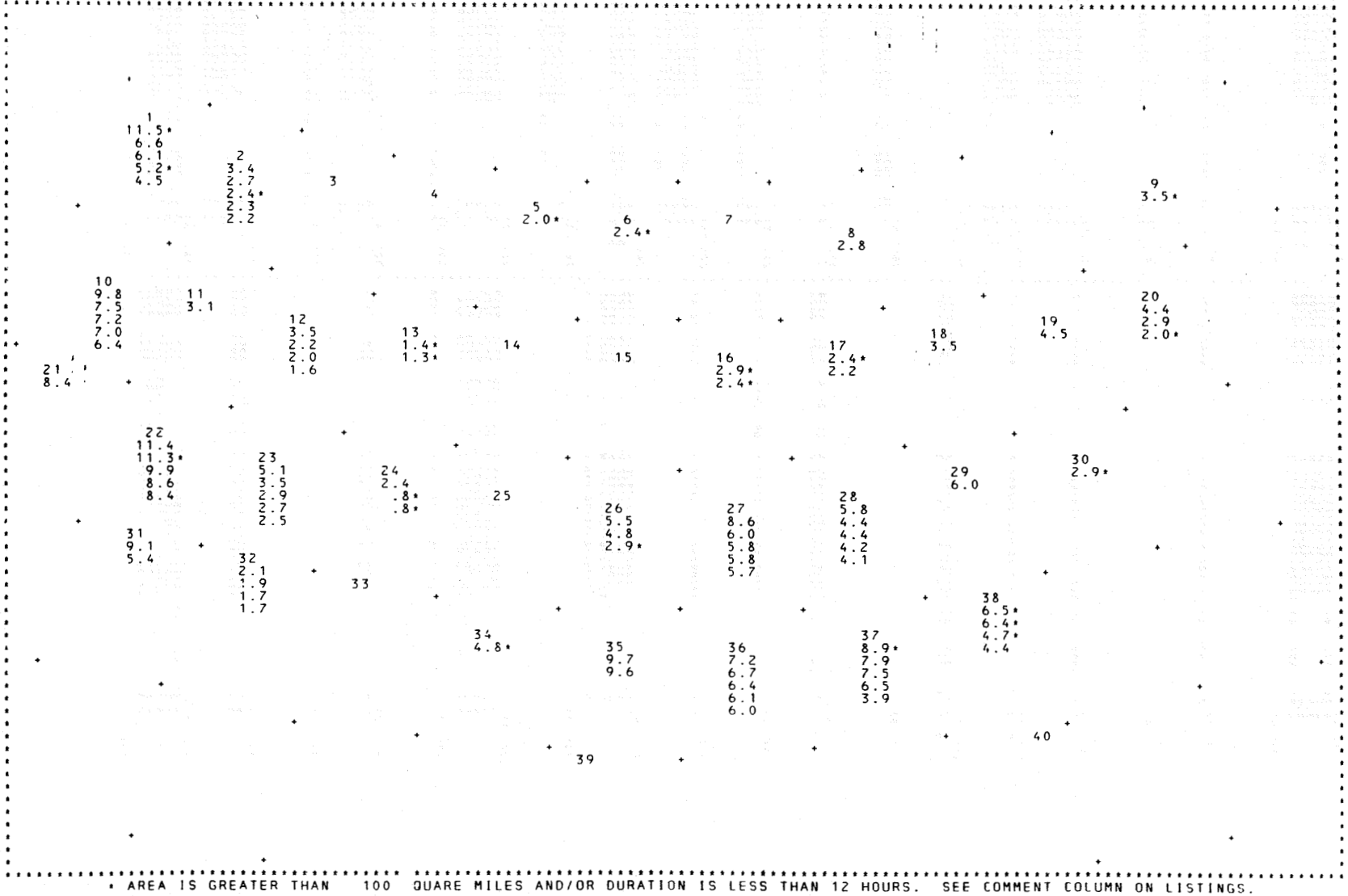


STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	10)							
	6.7(	500- 6)	1/20/35-01/25/935	H	-		4730	12330
	4.7		2/23/32-02/27/932	H	-		4804	12134
	3.9		1/20/35-01/25/935	H	-		4700	12200
	3.0		2/23/32-02/27/932	H	-		4730	12330
	2.9(	237- 6)	12/16/31-12/19/931	H	-		4730	12330
3(	0)							
5(	1)							
	1.2(	1000- 6)	2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	2.1(	1000- 6)	12/25/69-12/28/969	H	-		4416	7118
11(	1)							
B	1.6		2/01/07-02/05/907	R	-		4140	11525
13(	2)							
B	0.7(	320- 6)	12/03/13-12/06/913	R	-		4042	10536
B	0.7(	189- 6)	12/03/13-12/06/913	R	-		4002	10535
15(	0)							
17(	2)							
	1.6		12/16/95-12/21/895	A	GL	2- 8	4157	8538
	1.5(	2000- 6)	12/20/49-12/21/949	H		-	4027	8824
19(	1)							
	3.6		2/02/83-02/18/883	A	OR	5-11	4142	7716
21(	1)							
	4.9		12/09/37-12/12/937	H		-	3851	12243
23(	6)							
	2.7		2/26/38-03/04/938	H		-	3457	11144
	2.0		2/10/27-02/22/927	H		-	3419	11127
	1.8		2/04/37-02/08/937	H		-	3458	11145
	1.6		12/14/08-12/17/908	H		-	3422	11125
	1.5		1/25/16-01/30/916	H		-	3442	11214
25(	0)							
27(	11)							
	6.1		1/22/49-01/27/949	A	SW	3-10	3552	9219
	5.4		12/31/96-01/03/897	A	UMV	2- 1	3412	9200
	4.8		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
	4.3		12/26/42-12/28/942	A	UMV	3-22	3738	9133
	3.8		12/16/95-12/20/895	A	MR	1- 1	3728	9247
29(	1)							
	5.5		2/23/75-02/25/875	H		-	3533	8330
31(	2)							
	6.6		2/04/37-02/08/937	H		-	3300	11635
	3.1		1/24/16-01/29/916	H		-	3310	11641
33(	0)							
35(	2)							
	6.5		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	6.1		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	6.2(	1000- 6)	12/27/42-12/30/942	H		-	3351	8620
	5.3		2/01/36-02/05/936	H		-	3221	8840
	5.1		12/06/19-12/10/919	A	GM	1-22	3225	8702
	4.6		1/16/43-01/19/943	A	SA	3-24	3121	8632
	4.3		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	8)							
B	2.0		12/01/41-12/04/941	R		-	4400	11500
	1.8(	200- 6)	12/18/33-12/23/933	H		-	4729	11535
	1.6		12/17/33-12/19/933	H		-	4721	11540
B	1.5		1/19/43-01/23/943	R		-	4410	11540
	1.5		1/21/35-01/24/935	H		-	4720	11540
4(	0)							
6(	1)							
	1.4(	1000- 6)	1/09/39-01/10/939	H		-	4429	9857
8(	1)							
	1.7		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	15)							
	6.1		12/29/13-01/03/914	R		-	3955	12125
	4.8		2/24/40-02/29/940	R		-	3955	12125
	4.6		1/11/09-01/16/909	R		-	3900	12025
	4.5		12/08/29-12/13/929	R		-	4105	12210
	3.4		1/23/15-02/02/915	R		-	4110	12200
12(	4)							
B	2.3		2/23/17-02/25/917	R		-	4350	11415
	1.4		2/01/36-02/03/936	H		-	4036	11136
B	1.2		1/20/43-01/23/943	R		-	4350	11400
	0.8		2/19/36-02/24/936	H		-	4036	11136
14(	0)							
16(	2)							
	1.8(	1000- 6)	1/23/38-01/25/938	H		-	4037	9004
	1.3(	1000- 6)	1/11/60-01/15/960	H		-	4225	9026
18(	1)							
	3.1		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	2.8		12/29/48-01/01/949	H		-	4240	7319
	2.4		12/19/36-12/21/936	A	MA	1-30	4144	7134
	1.3(	1000- 6)	12/28/42-12/31/942	H		-	4250	7438
22(	14)							
	6.5		1/19/43-01/24/943	H		-	3413	11802
	6.4(	200- 6)	2/26/38-03/04/938	H		-	3414	11711
	5.8		2/10/27-02/22/927	H		-	3404	11650
	5.4		1/30/45-02/03/945	R		-	3735	11930
	5.2(	200- 6)	2/17/14-02/22/914	H		-	3418	11807
24(	3)							
	1.4		12/14/08-12/17/908	H		-	3730	10830
B	0.6(	440- 6)	1/20/43-01/24/943	R		-	3845	10630
B	0.5(	8140- 6)	1/15/16-01/20/916	R		-	3410	10958
26(	3)							
	3.9		2/14/38-02/19/938	A	SW	2-17	3456	9615
	3.5		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	2.2(	1000- 6)	2/16/11-02/18/911	H		-	3627	9923
28(	7)							
	4.5		12/04/24-12/08/924	A	OR	4-18	3713	8615
	3.2		12/27/22-12/27/922	A	UMV	3-10	3800	8855
	3.2		12/07/16-12/08/916	A	UMV	3- 2	3754	8950
	3.2		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	2.9		1/04/17-01/05/917	A	UMV	3- 3	3840	8732
30(	1)							
	2.0(	2000- 6)	2/03/20-02/06/920	H		-	3701	7639
32(	4)							
	1.6		12/17/14-12/24/914	H		-	3323	11100
	1.5		2/01/05-02/07/905	H		-	3321	11101
	1.4		1/14/16-01/20/916	H		-	3355	11120
	1.0		12/01/06-12/04/906	H		-	3134	11019
34(	1)							
	3.4(	1000- 6)	12/08/11-12/10/911	H		-	3117	10038
36(	9)							
	6.8		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	5.5		2/27/34-03/04/934	A	LMV	4-19	3050	9316
	5.4		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	5.2		2/28/27-03/01/927	A	LMV	4- 7	2965	9049
	4.3		1/11/32-01/13/932	A	LMV	4-16	3152	9217
38(	4)							
	5.8(	1000- 6)	12/03/64-12/05/964	H		-	3107	8325
	5.0(	1000- 6)	1/31/20-02/02/920	H		-	2951	8120
	2.7		2/10/05-02/13/905	A	SA	3- 9	3214	8425
	2.6(	2000- 6)	12/23/41-12/24/941	H		-	3212	8329
40(	0)							

FIVE GREATEST OBSERVED 100 SQUARE MILE- 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



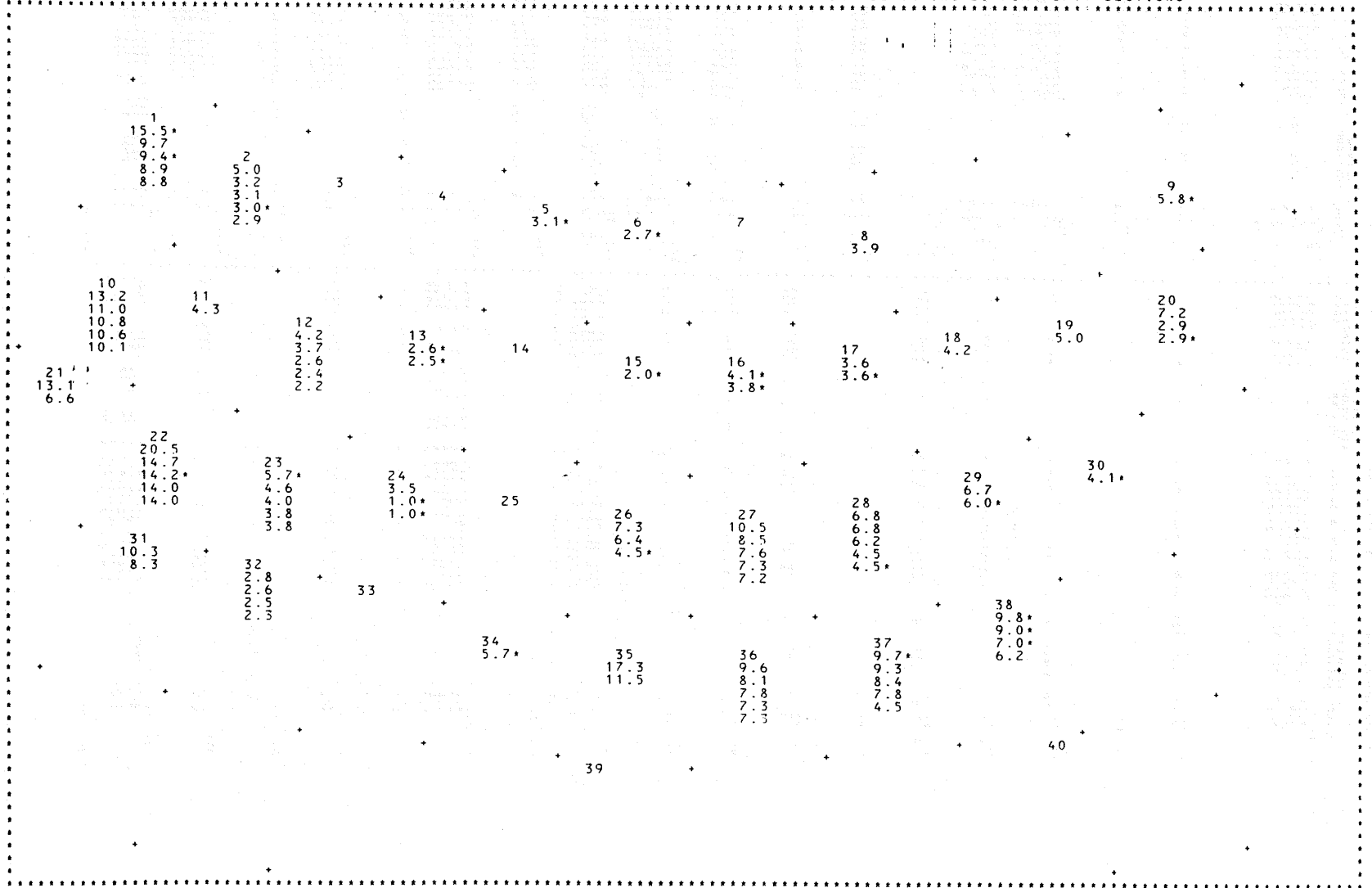
* AREA IS GREATER THAN 100 QUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	10)							
	11.5(	500- 12)	1/20/35-01/25/935	H	-		4730	12330
	6.6		1/20/35-01/25/935	H	-		4700	12200
	6.1		2/23/32-02/27/932	H	-		4804	12134
	5.2(	237- 12)	12/16/31-12/19/931	H	-		4730	12330
	4.5		2/23/32-02/27/932	H	-		4730	12330
3(	0)							
5(	1)							
	2.0(	1000- 12)	2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	3.5(	1000- 12)	12/25/69-12/28/969	H	-		4416	7118
11(	1)							
B	3.1		2/0*/07-02/05/907	R	-		4140	11525
13(	2)							
B	1.4(	320- 12)	12/03/13-12/06/913	R	-		4042	10536
B	1.3(	189- 12)	12/03/13-12/06/913	R	-		4002	10535
15(	0)							
17(	2)							
	2.4(	2000- 12)	12/20/49-12/21/949	H	-		4027	8824
	2.2		12/16/95-12/21/895	A	GL	2- 8	4157	8538
19(	1)							
	4.5		2/02/83-02/18/883	A	OR	5-11	4142	7716
21(	1)							
	8.4		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	5.1		2/26/38-03/04/938	H	-		3457	11144
	3.5		2/04/37-02/08/937	H	-		3458	11145
	2.9		2/10/27-02/22/927	H	-		3419	11127
	2.7		12/14/08-12/17/908	H	-		3422	11125
	2.5		2/28/38-03/05/938	H	-		3724	11230
25(	0)							
27(	11)							
	8.6		1/22/49-01/27/949	A	SW	3-10	3552	9219
	6.0		12/16/95-12/20/895	A	MR	1- 1	3728	9247
	5.8		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
	5.8		12/31/96-01/03/897	A	UMV	2- 1	3412	9200
	5.7		1/26/16-01/31/916	A	MR	2-13	3737	9038
29(	1)							
	6.0		2/23/75-02/25/875	H	-		3533	8330
31(	2)							
	9.1		2/04/37-02/08/937	H	-		3300	11635
	5.4		1/24/16-01/29/916	H	-		3310	11641
33(	0)							
35(	2)							
	9.7		12/01/13-12/05/913	A	GM	3-25	2952	9757
	9.6		12/05/35-12/08/935	A	GM	5- 4	2954	9537
37(	5)							
	8.9(	1000- 12)	12/27/42-12/30/942	H	-		3351	8620
	7.9		1/16/43-01/19/943	A	SA	3-24	3121	8632
	7.5		12/06/19-12/10/919	A	GM	1-22	3225	8702
	6.5		2/01/36-02/05/936	H	-		3221	8840
	3.9		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	8)							
B	3.4		12/01/41-12/04/941	R	-		4400	11500
	2.7		12/17/33-12/19/933	H	-		4721	11540
	2.4(	200- 12)	12/18/33-12/23/933	H	-		4729	11555
	2.3		1/21/35-01/24/935	H	-		4720	11540
B	2.2		12/23/31-12/29/931	R	-		4415	11530
4(	0)							
6(	1)							
	2.4(	1000- 12)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	2.8		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	15)							
	9.8		12/29/13-01/03/914	R	-		3955	12125
	7.5		12/08/29-12/13/929	R	-		4105	12210
	7.2		2/24/40-02/29/940	R	-		3955	12125
	7.0		1/11/09-01/16/909	R	-		3900	12025
	6.4		1/23/15-02/02/915	R	-		4110	12200
12(	4)							
B	3.5		2/23/17-02/25/917	R	-		4350	11415
B	2.2		1/20/43-01/23/943	R	-		4350	11400
	2.0		2/01/36-02/03/936	H	-		4036	11136
	1.6		2/19/36-02/24/936	H	-		4036	11136
14(	0)							
16(	2)							
	2.9(	1000- 12)	1/23/38-01/25/938	H	-		4037	9004
	2.4(	1000- 12)	1/11/60-01/15/960	H	-		4225	9026
18(	1)							
	3.5		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	4.4		12/29/48-01/01/949	H	-		4240	7319
	2.9		12/19/36-12/21/936	A	NA	1-30	4144	7134
	2.0(	1000- 12)	12/28/42-12/31/942	H	-		4250	7438
22(	14)							
	11.4		1/19/43-01/24/943	H	-		3413	11802
	11.3(	200- 12)	2/26/38-03/04/938	H	-		3414	11711
	9.9		2/10/27-02/22/927	H	-		3404	11650
	8.6		12/29/33-01/01/934	H	-		3413	11801
	8.4		1/19/43-01/24/943	R	-		3735	11925
24(	3)							
	2.4		12/14/08-12/17/908	H	-		3730	10830
B	0.8(	8140- 12)	1/15/16-01/20/916	R	-		3410	10958
B	0.8(	440- 12)	1/20/43-01/24/943	R	-		3845	10630
26(	3)							
	5.5		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	4.8		2/14/38-02/19/938	A	SW	2-17	3456	9615
	2.9(	1000- 12)	2/16/11-02/18/911	H	-		3627	9923
28(	7)							
	5.8		12/04/24-12/08/924	A	OR	4-18	3713	8615
	4.4		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	4.4		1/27/57-02/02/957	H	-		3529	8627
	4.2		12/07/16-12/08/916	A	UMV	3- 2	3754	8950
	4.1		12/27/22-12/27/922	A	UMV	3-10	3800	8855
30(	1)							
	2.9(	2000- 12)	2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	2.1		12/17/14-12/24/914	H	-		3323	11100
	1.9		1/14/16-01/20/916	H	-		3355	11120
	1.7		2/01/05-02/07/905	H	-		3321	11101
	1.7		12/01/06-12/04/906	H	-		3134	11019
34(	1)							
	4.8(	1000- 12)	12/08/11-12/10/911	H	-		3117	10038
36(	9)							
	7.2		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	6.7		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	6.4		2/28/27-03/01/927	A	LMV	4- 7	2945	9049
	6.1		2/27/34-03/04/934	A	LMV	4-19	3050	9316
	6.0		12/23/04-12/27/904	A	LMV	3-10	3220	9252
38(	4)							
	6.5(	1000- 12)	12/03/64-12/05/964	H	-		3107	8325
	6.4(	1000- 12)	1/31/20-02/02/920	H	-		2951	8120
	4.7(	2000- 12)	12/23/41-12/24/941	H	-		3212	8329
	4.4		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 100 SQUARE MILE- 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



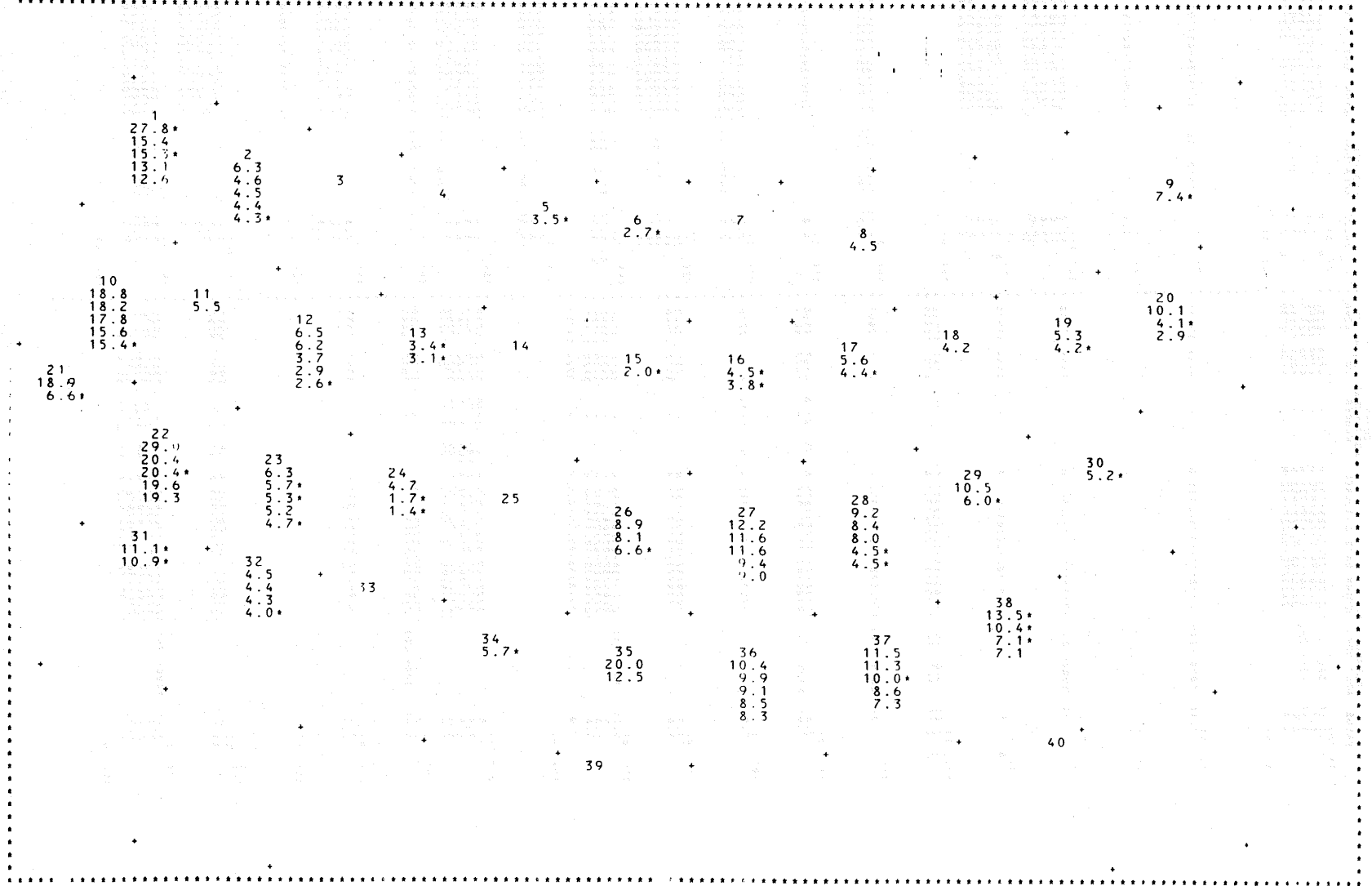
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	10)							
	15.5(	500- 24)	1/20/35-01/25/935	H	-		4730	12330
	9.7		1/20/35-01/25/935	H	-		4700	12200
	9.4(	237- 24)	12/16/31-12/19/931	H	-		4730	12330
	8.9		2/23/32-02/27/932	H	-		4804	12134
	8.8		2/23/32-02/27/932	H	-		4730	12330
3(	0)							
5(	1)							
	3.1(	1000- 24)	2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	5.8(	1000- 24)	12/25/69-12/28/969	H	-		4416	7118
11(	1)							
	B 4.3		2/01/07-02/05/907	R	-		4140	11525
13(	2)							
	B 2.6(	320- 24)	12/03/13-12/06/913	R	-		4042	10536
	B 2.5(	189- 24)	12/03/13-12/06/913	R	-		4002	10535
15(	1)							
	2.0(	2000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	3.6		12/16/95-12/21/895	A	GL	2- 8	4157	8538
	3.6(	2000- 24)	12/20/49-12/21/949	H	-		4027	8824
19(	1)							
	5.0		2/02/83-02/18/883	A	OR	5-11	4142	7716
21(	2)							
	13.1		12/09/37-12/12/937	H	-		3851	12243
	6.6		1/18/73-01/18/973	H	-		3518	12040
23(	6)							
	5.7(	100- 18)	2/26/38-03/04/938	H	-		3457	11144
	4.6		2/04/37-02/08/937	H	-		3458	11145
	4.0		2/10/27-02/22/927	H	-		3419	11127
	3.8		12/14/08-12/17/908	H	-		3422	11125
	3.8		2/28/38-03/05/938	H	-		3724	11230
25(	0)							
27(	11)							
	10.5		1/22/49-01/27/949	A	SW	3-10	3552	9219
	8.5		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	7.6		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
	7.3		12/12/27-12/13/927	A	LMV	1-16	3529	9350
	7.2		12/16/95-12/20/895	A	MR	1- 1	3728	9247
29(	2)							
	6.7		2/23/75-02/25/875	H	-		3533	8330
	6.0(	100- 20)	2/02/39-02/03/939	H	-		3612	8445
31(	2)							
	10.3		2/04/37-02/08/937	H	-		3300	11635
	8.3		1/24/16-01/28/916	H	-		3310	11641
33(	0)							
35(	2)							
	17.3		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	11.5		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	9.7(	1000- 24)	12/27/42-12/30/942	H	-		3351	8620
	9.3		1/16/43-01/19/943	A	SA	3-24	3121	8632
	8.4		12/05/19-12/10/919	A	GM	1-22	3225	8702
	7.8		2/01/36-02/05/936	H	-		3221	8840
	4.5		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	8)							
	B 5.0		12/01/41-12/04/941	R	-		4400	11500
	3.2		1/21/35-01/24/935	H	-		4720	11540
	3.1		12/17/33-12/19/933	H	-		4721	11540
	3.0(	200- 24)	12/18/33-12/23/933	H	-		4729	11555
	B 2.9		12/23/31-12/29/931	R	-		4415	11530
4(	0)							
6(	1)							
	2.7(	1000- 18)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	3.9		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	15)							
	13.2		12/29/13-01/03/914	R	-		3955	12125
	11.0		1/11/09-01/16/909	R	-		3900	12025
	10.8		1/23/15-02/02/915	R	-		4110	12200
	10.6		2/24/40-02/29/940	R	-		3955	12125
	10.1		12/08/29-12/13/929	R	-		4105	12210
12(	5)							
	B 4.2		2/23/17-02/25/917	R	-		4350	11415
	B 3.7		1/20/43-01/23/943	R	-		4350	11400
	2.6		1/31/63-02/01/963	H	-		4019	11134
	2.4		2/01/36-02/03/936	H	-		4036	11136
	2.2		2/19/36-02/24/936	H	-		4036	11136
14(	0)							
16(	2)							
	4.1(	1000- 24)	1/11/60-01/15/960	H	-		4225	9026
	3.8(	1000- 24)	1/23/38-01/25/938	H	-		4037	9004
18(	1)							
	4.2		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	7.2		12/29/48-01/01/949	H	-		4240	7319
	2.9		12/19/36-12/21/936	A	MA	1-30	4144	7134
	2.9(	1000- 24)	12/28/42-12/31/942	H	-		4250	7438
22(	14)							
	20.5		1/19/43-01/24/943	H	-		3413	11802
	14.7		1/14/16-01/19/916	H	-		3415	11716
	14.2(	200- 24)	2/26/38-03/04/938	H	-		3414	11711
	14.0		12/17/21-12/27/921	H	-		3415	11806
	14.0		1/30/45-02/03/945	R	-		3735	11930
24(	3)							
	3.5		12/14/08-12/17/908	H	-		3730	10830
	B 1.0(	8140- 24)	1/15/16-01/20/916	R	-		3410	10958
	B 1.0(	440- 24)	1/20/43-01/24/943	R	-		3845	10630
26(	3)							
	7.3		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	6.4		2/14/38-02/19/938	A	SW	2-17	3456	9615
	4.5(	1000- 24)	2/16/11-02/18/911	H	-		3627	9923
28(	7)							
	6.8		12/04/24-12/08/924	A	OR	4-18	3713	8615
	6.8		1/27/57-02/02/957	H	-		3529	8627
	6.2		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	4.5		12/27/22-12/27/922	A	LMV	3-10	3800	8855
	4.5(	100- 18)	12/07/16-12/08/916	A	LMV	3- 2	3754	8950
30(	1)							
	4.1(	2000- 24)	2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	2.8		12/17/14-12/24/914	H	-		3323	11100
	2.6		12/01/06-12/04/906	H	-		3134	11019
	2.5		1/14/16-01/20/916	H	-		3355	11120
	2.3		2/01/05-02/07/905	H	-		3321	11101
34(	1)							
	5.7(	1000- 24)	12/08/11-12/10/911	H	-		3117	10038
36(	10)							
	9.6		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	8.1		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	7.8		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	7.3		1/11/32-01/13/932	A	LMV	4-16	3152	9217
	7.3		2/27/34-03/04/934	A	LMV	4-19	3050	9316
38(	4)							
	9.8(	1000- 24)	12/03/64-12/05/964	H	-		310/	8325
	9.0(	1000- 24)	1/31/20-02/02/920	H	-		2951	8120
	7.0(	2000- 24)	12/23/41-12/24/941	H	-		3212	8329
	6.2		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 100 SQUARE MILE- 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



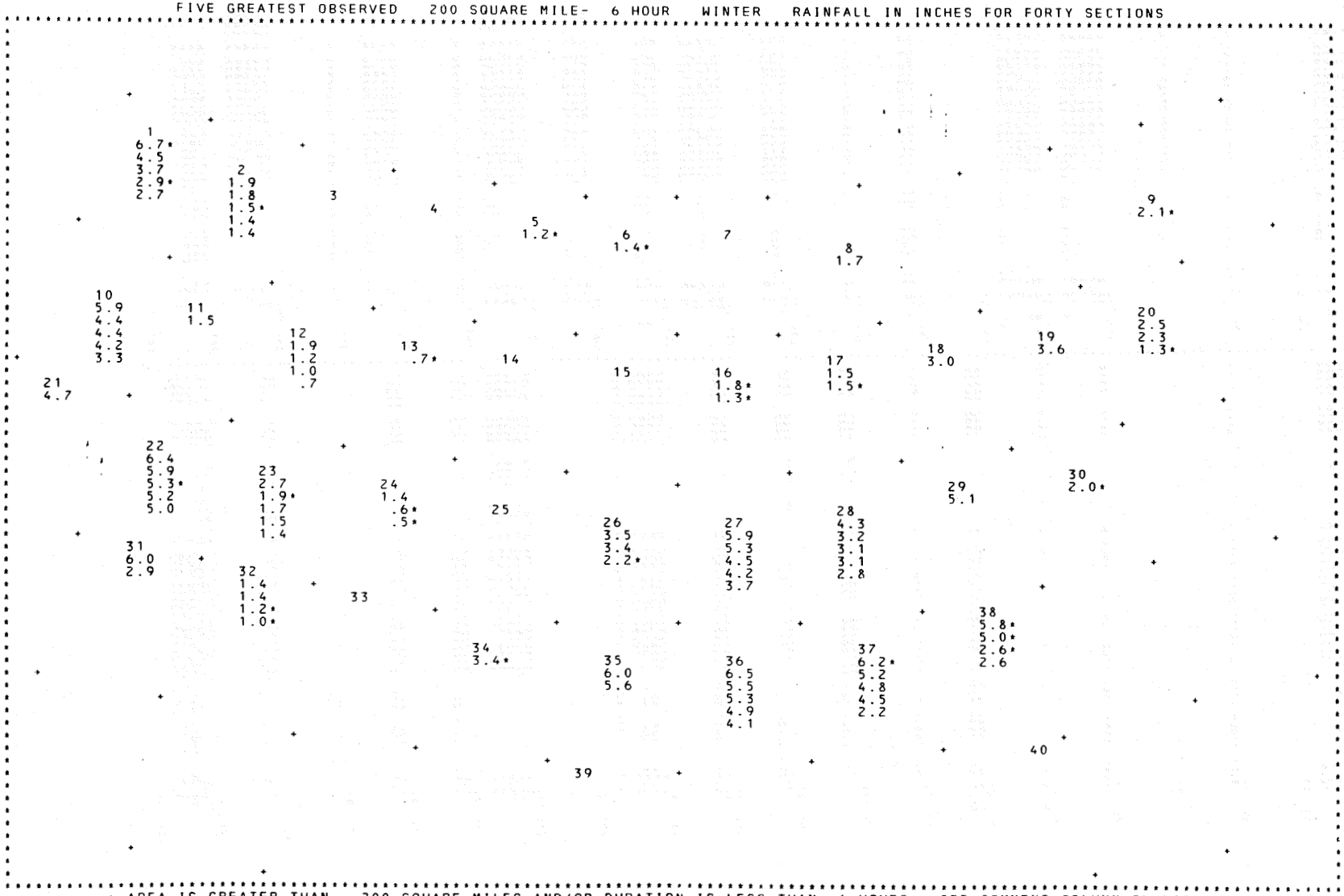
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(	11)							
	27.8(	500- 48)	1/20/35-01/25/935	H	-		4730	12330
	15.4		1/20/35-01/25/935	H	-		4700	12200
	15.3(	237- 48)	12/16/31-12/19/931	H	-		4730	12330
	13.1		2/23/32-02/27/932	H	-		4730	12330
	12.6		2/23/32-02/27/932	H	-		4804	12134
3(	0)							
5(	1)							
	3.5(	1000- 48)	2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	7.4(	1000- 48)	12/25/69-12/28/969	H	-		4416	7118
11(	1)							
B	5.5		2/01/07-02/05/907	R	-		4140	11525
13(	2)							
B	3.4(	320- 48)	12/03/13-12/06/913	R	-		4042	10536
B	3.1(	189- 48)	12/03/13-12/06/913	R	-		4002	10535
15(	1)							
	2.0(	2000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	5.6		12/16/95-12/21/895	A	GL	2- 8	4157	8538
	4.4(	2000- 36)	12/20/49-12/21/949	H	-		4027	8824
19(	2)							
	5.3		2/02/83-02/18/883	A	OR	5-11	4142	7716
	4.2(	502- 36)	1/11/15-01/13/915	H	-		3947	7721
21(	2)							
	18.9		12/09/37-12/12/.37	H	-		3851	12243
	6.6(	100- 24)	1/18/73-01/18/973	H	-		3518	12040
23(	6)							
	6.3		2/10/27-02/22/927	H	-		3419	11127
	5.7(	100- 18)	2/26/38-03/04/938	H	-		3452	11144
	5.3(	100- 42)	2/04/37-02/08/937	H	-		3458	11145
	5.2		12/14/08-12/17/908	H	-		3422	11125
	4.7(	100- 42)	1/25/16-01/30/916	H	-		3442	11214
25(	0)							
27(	11)							
	12.2		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	11.6		12/16/95-12/20/895	A	MR	1- 1	3728	9247
	11.6		1/22/49-01/27/949	A	SW	3-10	3552	9219
	9.4		1/06/30-01/11/930	A	LMV	2-22	3407	9303
	9.0		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
29(	2)							
	10.5		2/23/75-02/25/875	H	-		3533	8330
	6.0(	100- 20)	2/02/39-02/03/939	H	-		3612	8445
31(	2)							
	11.1(	100- 42)	1/24/16-01/29/916	H	-		3310	11641
	10.9(	100- 42)	2/04/37-02/08/937	H	-		3300	11635
33(	0)							
35(	2)							
	20.0		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	12.5		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	11.5		12/06/19-12/10/919	A	GM	1-22	3225	8702
	11.3		1/16/43-01/19/943	A	SA	3-24	3121	8632
	10.0(	1000- 48)	12/27/42-12/30/942	H	-		3351	8620
	8.6		2/01/36-02/05/936	H	-		3221	8840
	7.3		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
2(	8)							
B	6.3		12/01/41-12/04/941	R	-		4400	11500
	4.6		1/21/35-01/24/935	H	-		4720	11540
B	4.5		1/19/43-01/23/943	R	-		4410	11540
B	4.4		12/23/31-12/29/931	R	-		4415	11530
	4.3(	200- 48)	12/18/33-12/23/933	H	-		4729	11555
4(	0)							
6(	1)							
	2.7(	1000- 18)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	4.5		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	15)							
	18.8		12/29/13-01/03/914	R	-		3955	12125
	18.2		1/11/09-01/16/909	R	-		3900	12025
	17.8		2/24/40-02/29/940	R	-		3955	12125
	15.6		1/23/15-02/02/915	R	-		4110	12200
B	15.4(	1011- 48)	12/09/37-12/12/937	H	-		3945	12130
12(	5)							
B	6.5		2/23/17-02/25/917	R	-		4350	11415
B	6.2		1/20/43-01/23/943	R	-		4350	11400
	3.7		2/19/36-02/24/936	H	-		4036	11136
	2.9		2/01/36-02/03/936	H	-		4036	11136
	2.6(	100- 24)	1/31/63-02/01/963	H	-		4019	11134
14(	0)							
16(	2)							
	4.5(	1000- 48)	1/11/60-01/15/960	H	-		4225	9026
	3.8(	1000- 30)	1/23/38-01/25/938	H	-		4037	9004
18(	1)							
	4.2		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	10.1		12/29/48-01/01/949	H	-		4240	7319
	4.1(	1000- 48)	12/28/42-12/31/942	H	-		4250	7438
	2.9		12/19/36-12/21/936	A	NA	1-30	4144	7134
22(	14)							
	29.0		1/19/43-01/24/943	H	-		3413	11802
	20.4		2/10/27-02/22/927	H	-		3404	11650
	20.4(	100- 42)	1/14/16-01/19/916	H	-		3415	11716
	19.6		1/19/43-01/24/943	R	-		3735	11925
	19.3		12/17/21-12/27/921	H	-		3415	11806
24(	3)							
	4.7		12/14/08-12/17/908	H	-		3730	10830
B	1.7(	440- 48)	1/20/43-01/24/943	R	-		3845	10630
B	1.4(	8140- 48)	1/15/16-01/20/916	R	-		3410	10958
26(	3)							
	8.9		2/14/38-02/19/938	A	SW	2-17	3456	9615
	8.1		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	6.6(	1000- 48)	2/16/11-02/18/911	H	-		3627	9923
28(	7)							
	9.2		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	8.4		12/04/24-12/08/924	A	OR	4-18	3713	8615
	8.0		1/27/57-02/02/957	H	-		3529	8627
	4.5(	100- 24)	12/27/22-12/27/922	A	UMV	3-10	3800	8855
	4.5(	100- 18)	12/07/16-12/08/916	A	UMV	3- 2	3754	8950
30(	1)							
	5.2(	2000- 48)	2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	4.5		12/01/06-12/04/906	H	-		3134	11019
	4.4		2/01/05-02/07/905	H	-		3321	11101
	4.3		12/17/14-12/24/914	H	-		3323	11100
	4.0(	100- 42)	1/14/16-01/20/916	H	-		3355	11120
34(	1)							
	5.7(	1000- 24)	12/08/11-12/10/911	H	-		3117	10038
36(	10)							
	10.4		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	9.9		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	9.1		1/04/99-01/06/899	A	LMV	3- 7	3238	9002
	8.5		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	8.3		12/01/97-12/04/897	A	LMV	2- 3	3217	9011
38(	4)							
	13.5(	1000- 48)	1/31/20-02/02/920	H	-		2951	8120
	10.4(	1000- 48)	12/03/64-12/05/964	H	-		3107	8325
	7.1(	2000- 30)	12/23/41-12/24/941	H	-		3212	8329
	7.1		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 200 SQUARE MILE- 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

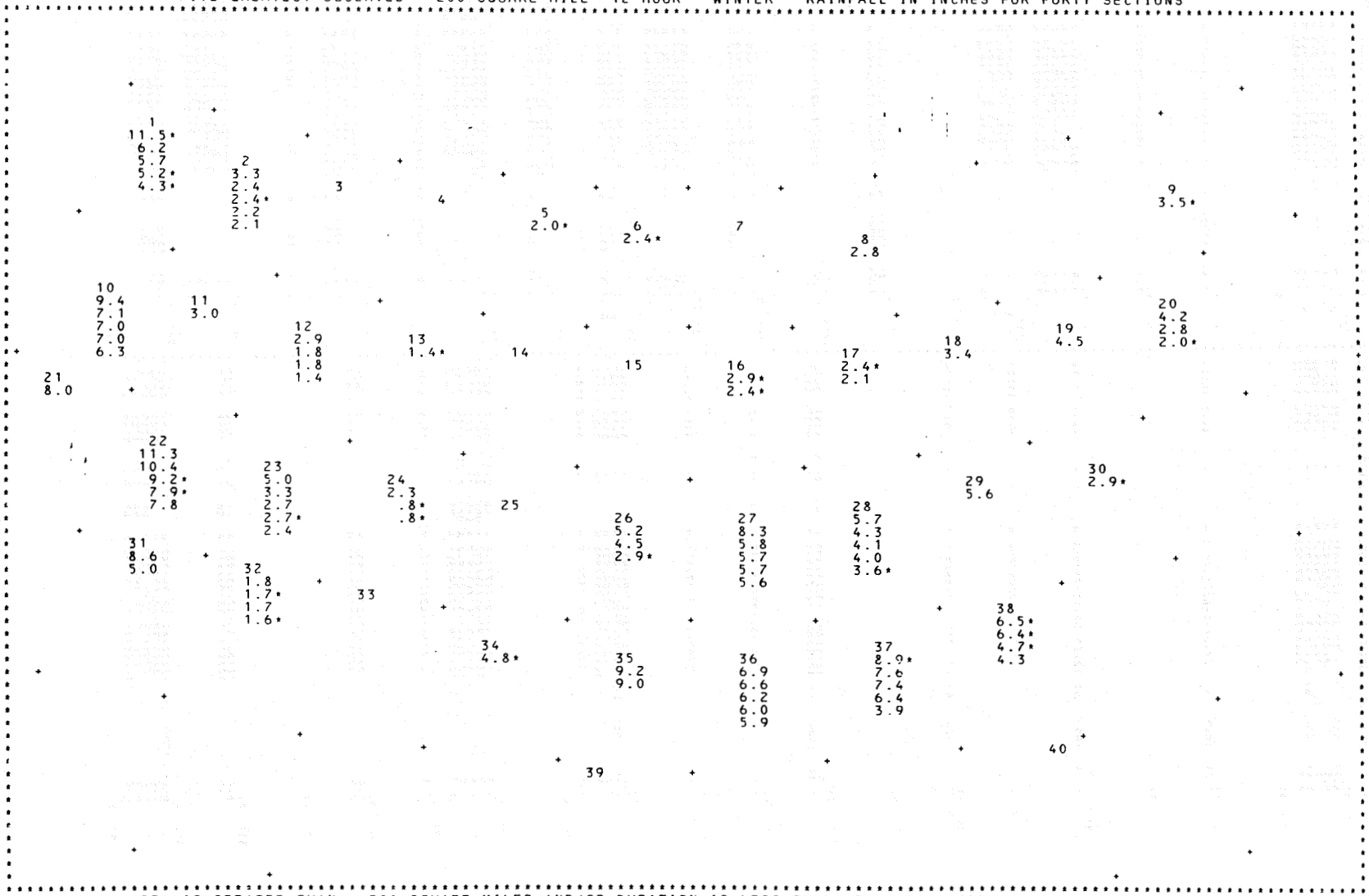


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(10)	6.7(	500- 6)	1/20/35-01/25/935 H	-	4730	12330
	4.5		2/23/32-02/27/932 H	-	4804	12134
	3.7		1/20/35-01/25/935 H	-	4700	12200
	2.9(	237- 6)	12/16/31-12/19/931 H	-	4730	12330
	2.7		2/23/32-02/27/932 H	-	4730	12330
2(8)	B 1.9		12/01/41-12/04/941 R	-	4400	11500
	1.8		12/18/33-12/23/933 H	-	4729	11555
	1.5(	250- 6)	12/17/33-12/19/933 H	-	4721	11540
	B 1.4		1/19/43-01/23/943 R	-	4410	11540
	1.4		1/21/35-01/24/935 H	-	4720	11540
3(0)						
4(0)						
5(1)	1.2(	1000- 6)	2/12/15-02/14/915 H	-	4442	10004
6(1)	1.4(	1000- 6)	1/09/39-01/10/939 H	-	4429	9857
7(0)						
8(1)	1.7		2/19/22-02/23/922 A GL	4-17	4419	8417
9(1)	2.1(	1000- 6)	12/25/69-12/28/969 H	-	4416	7118
10(15)	5.9		12/29/13-01/03/914 R	-	3955	12125
	4.4		1/11/09-01/16/909 R	-	3900	12025
	4.4		2/24/40-02/29/940 R	-	3955	12125
	4.2		12/08/29-12/13/929 R	-	4105	12210
	3.3		1/23/15-02/02/915 R	-	4110	12200
11(1)	B 1.5		2/01/07-02/05/907 R	-	4140	11525
12(4)	B 1.9		2/23/17-02/25/917 R	-	4350	11415
	1.2		2/01/36-02/03/936 H	-	4036	11136
	B 1.0		1/20/43-01/23/943 R	-	4350	11400
	0.7		2/19/36-02/24/936 H	-	4036	11136
13(1)	B 0.7(	320- 6)	12/03/13-12/06/913 R	-	4042	10536
14(0)						
15(0)						
16(2)	1.8(	1000- 6)	1/23/38-01/25/938 H	-	4037	9004
	1.3(	1000- 6)	1/11/60-01/15/960 H	-	4225	9026
17(2)	1.5		12/16/95-12/21/895 A GL	2- 8	4157	8538
	1.5(	2000- 6)	12/20/49-12/21/949 H	-	4027	8824
18(1)	3.0		2/09/38-02/14/938 A GL	2-27	4227	8436
19(1)	3.6		2/02/83-02/18/883 A OR	5-11	4142	7716
20(3)	2.5		12/29/48-01/01/949 H	-	4240	7319
	2.3		12/19/36-12/21/936 A NA	1-30	4144	7134
	1.3(	1000- 6)	12/28/42-12/31/942 H	-	4250	7438
21(1)	4.7		12/09/37-12/12/937 H	-	3851	12243
22(14)	6.4		2/26/38-03/04/938 H	-	3414	11711
	5.9		1/19/43-01/24/943 H	-	3413	11802
	5.3(	300- 6)	2/10/27-02/22/927 H	-	3404	11650
	5.2		2/17/14-02/22/914 H	-	3418	11807
	5.0		1/30/45-02/03/945 R	-	3735	11930
23(6)	2.7		2/26/38-03/04/938 H	-	3457	11144
	1.9(	300- 6)	2/10/27-02/22/927 H	-	3419	11127
	1.7		2/04/37-02/08/937 H	-	3458	11145
	1.5		12/14/08-12/17/908 H	-	3422	11125
	1.4		1/25/16-01/30/916 H	-	3442	11214
24(3)	1.4		12/14/08-12/17/908 H	-	3730	10830
	B 0.6(	440- 6)	1/20/43-01/24/943 R	-	3845	10630
	B 0.5(	8140- 6)	1/15/16-01/20/916 R	-	3410	10958
25(0)						
26(3)	3.5		2/14/38-02/19/938 A SW	2-17	3456	9615
	3.4		12/21/32-12/24/932 A SW	2- 9	3430	9658
	2.2(	1000- 6)	2/16/11-02/18/911 H	-	3627	9923
27(11)	5.9		1/22/49-01/27/949 A SW	3-10	3552	9219
	5.3		12/31/96-01/03/897 A UMV	2- 1	3412	9200
	4.5		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	4.2		12/26/42-12/28/942 A UMV	3-22	3738	9133
	3.7		12/16/95-12/20/895 A MR	1- 1	3728	9247
28(7)	4.3		12/04/24-12/08/924 A OR	4-18	3713	8615
	3.2		12/27/22-12/27/922 A UMV	3-10	3800	8855
	3.1		12/07/16-12/08/916 A UMV	3- 2	3754	8950
	3.1		1/05/37-01/25/937 A OR	5- 6	3607	8833
	2.8		1/04/17-01/05/917 A UMV	3- 3	3840	8732
29(1)	5.1		2/23/75-02/25/875 H	-	3533	8330
30(1)	2.0(	2000- 6)	2/03/20-02/06/920 H	-	3701	7639
31(2)	6.0		2/04/37-02/08/937 H	-	3300	11635
	2.9		1/24/16-01/29/916 H	-	3310	11641
32(4)	1.4		2/01/05-02/07/905 H	-	3321	11101
	1.4		1/14/16-01/20/916 H	-	3355	11120
	1.2(	500- 6)	12/17/14-12/24/914 H	-	3323	11100
	1.0(	500- 6)	12/01/06-12/04/906 H	-	3134	11019
33(0)						
34(1)	3.4(	1000- 6)	12/08/11-12/10/911 H	-	3117	10038
35(2)	6.0		12/05/35-12/08/935 A GM	5- 4	2954	9537
	5.6		12/01/13-12/05/913 A GM	3-25	2952	9757
36(9)	6.5		2/11/27-02/14/927 A LMV	4- 6	3052	9100
	5.5		2/27/34-03/04/934 A LMV	4-19	3050	9516
	5.3		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	4.9		2/28/27-03/01/927 A LMV	4- 7	2945	9049
	4.1		1/11/32-01/13/932 A LMV	4-16	3152	9217
37(5)	6.2(	1000- 6)	12/27/42-12/30/942 H	-	3351	8620
	5.2		2/01/36-02/05/936 H	-	3221	8840
	4.8		12/06/19-12/10/919 A GM	1-22	3225	8702
	4.5		1/16/43-01/19/943 A SA	3-24	3121	8632
	2.2		12/08/32-12/14/932 A GM	2-11	3246	8922
38(4)	5.8(	1000- 6)	12/03/64-12/05/964 H	-	3107	8325
	5.0(	1000- 6)	1/31/20-02/02/920 H	-	2951	8120
	2.6(	2000- 6)	12/23/41-12/24/941 H	-	3214	8329
	2.6		2/10/05-02/13/905 A SA	3- 9	3214	8425
39(0)						
40(0)						

FIVE GREATEST OBSERVED 200 SQUARE MILE- 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



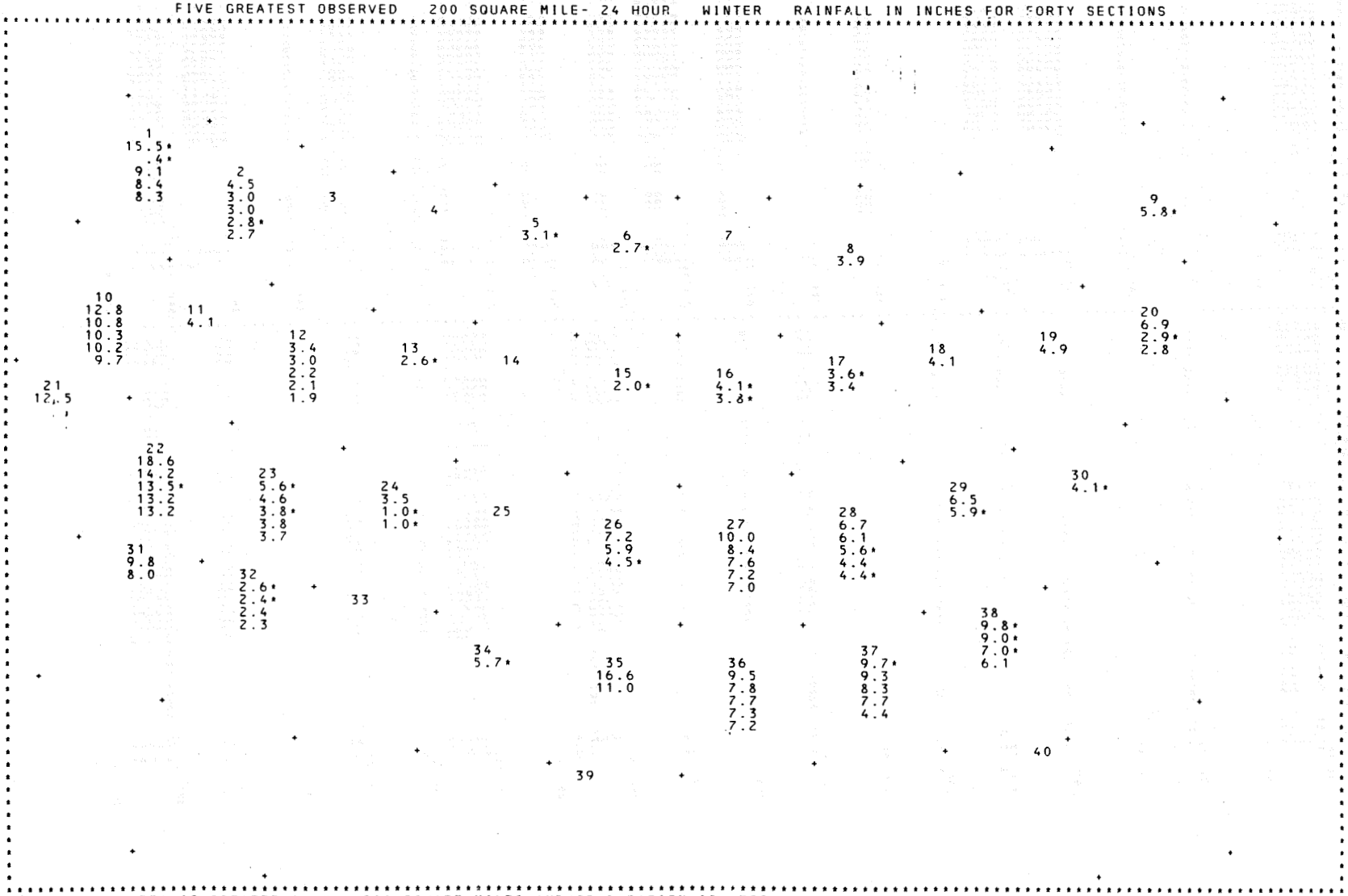
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	10)					
	11.5(	500- 12)	1/20/35-01/25/935 H	-	4730	12330
	6.2		1/20/35-01/25/935 H	-	4700	12200
	5.7		2/23/32-02/27/932 H	-	4804	12134
	5.2(	237- 12)	12/16/31-12/19/931 H	-	4730	12330
	4.3(	500- 12)	12/08/21-12/13/921 H	-	4804	12134
3(	0)					
5(	1)					
	2.0(	1000- 12)	2/12/15-02/14/915 H	-	4442	10004
7(	0)					
9(	1)					
	3.5(	1000- 12)	12/25/69-12/28/969 H	-	4416	7118
11(	1)					
B	3.0		2/01/07-02/05/907 R	-	4140	11525
13(	1)					
B	1.4(	320- 12)	12/03/13-12/06/913 R	-	4042	10536
15(	0)					
17(	2)					
	2.4(	2000- 12)	12/20/49-12/21/949 H	-	4027	8824
	2.1		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(	1)					
	4.5		2/02/83-02/18/883 A OR	5-11	4142	7716
21(	1)					
	8.0		12/09/37-12/12/937 H	-	3851	12243
23(	6)					
	5.0		2/26/38-03/04/938 H	-	3457	11144
	3.3		2/04/37-02/08/937 H	-	3458	11145
	2.7		12/14/08-12/17/908 H	-	3422	11125
	2.7(	300- 12)	2/10/27-02/22/927 H	-	3419	11127
	2.4		2/28/38-03/05/938 H	-	3724	11230
25(	0)					
27(	11)					
	8.3		1/22/49-01/27/949 A SW	3-10	3552	9219
	5.8		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	5.7		12/16/95-12/20/895 A MR	1- 1	3728	9247
	5.7		12/31/96-01/03/897 A LMV	2- 1	3412	9200
	5.6		12/26/42-12/28/942 A LMV	3-22	3738	9133
29(	1)					
	5.6		2/23/75-02/25/875 H	-	3533	8330
31(	2)					
	8.6		2/04/37-02/08/937 H	-	3300	11635
	5.0		1/24/16-01/29/916 H	-	3310	11641
33(	0)					
35(	2)					
	9.2		12/01/13-12/05/913 A GM	3-25	2952	9757
	9.0		12/05/35-12/08/935 A GM	5- 4	2954	9537
37(	5)					
	8.9(	1000- 12)	12/27/42-12/30/942 H	-	3351	8620
	7.6		1/16/43-01/19/943 A SA	3-24	3121	8632
	7.4		12/06/19-12/10/919 A GM	1-22	3225	8702
	6.4		2/01/36-02/05/936 H	-	3221	8840
	3.9		12/08/32-12/14/932 A GM	2-11	3246	8922
39(	0)					

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	8)					
B	3.3		12/01/41-12/04/941 R	-	4400	11500
	2.4		12/18/33-12/23/933 H	-	4729	11555
	2.4(	250- 12)	12/17/33-12/19/933 H	-	4721	11540
	2.2		1/21/35-01/24/935 H	-	4720	11540
B	2.1		12/23/31-12/29/931 R	-	4415	11530
4(	0)					
6(	1)					
	2.4(	1000- 12)	1/09/39-01/10/939 H	-	4429	9857
8(	1)					
	2.8		2/19/22-02/23/922 A GL	4-17	4419	8417
10(	15)					
	9.4		12/29/13-01/03/914 R	-	3955	12125
	7.1		12/08/29-12/13/929 R	-	4105	12210
	7.0		1/11/09-01/16/909 R	-	3900	12025
	7.0		2/24/40-02/29/940 R	-	3955	12125
	6.3		1/23/15-02/02/915 R	-	4110	12200
12(	4)					
B	2.9		2/23/17-02/25/917 R	-	4350	11415
B	1.8		1/20/43-01/23/943 R	-	4350	11400
	1.8		2/01/36-02/03/936 H	-	4036	11136
	1.4		2/19/36-02/24/936 H	-	4036	11136
14(	0)					
16(	2)					
	2.9(	1000- 12)	1/23/38-01/25/938 H	-	4037	9004
	2.4(	1000- 12)	1/11/60-01/15/960 H	-	4225	9026
18(	1)					
	3.4		2/09/38-02/14/938 A GL	2-27	4227	8436
20(	3)					
	4.2		12/29/48-01/01/949 H	-	4240	7319
	2.8		12/19/36-12/21/936 A NA	1-30	4144	7134
	2.0(	1000- 12)	12/28/42-12/31/942 H	-	4250	7438
22(	14)					
	11.3		2/26/38-03/04/938 H	-	3414	11711
	10.4		1/19/43-01/24/943 H	-	3413	11802
	9.2(	300- 12)	2/10/27-02/22/927 H	-	3404	11650
	7.9(	250- 12)	12/29/33-01/01/934 H	-	3413	11801
	7.8		1/19/43-01/24/943 R	-	3735	11925
24(	3)					
	2.3		12/14/08-12/17/908 H	-	3730	10830
B	0.8(	8140- 12)	1/15/16-01/20/916 R	-	3410	10958
B	0.8(	440- 12)	1/20/43-01/24/943 R	-	3845	10630
26(	3)					
	5.2		12/21/32-12/24/932 A SW	2- 9	3430	9658
	4.5		2/14/38-02/19/938 A SW	2-17	3456	9615
	2.9(	1000- 12)	2/16/11-02/18/911 H	-	3627	9923
28(	7)					
	5.7		12/04/24-12/08/924 A OR	4-18	3713	8615
	4.3		1/05/37-01/25/937 A OR	5- 6	3607	8833
	4.1		12/07/16-12/08/916 A LMV	3- 2	3754	8950
	4.0		12/27/22-12/27/922 A LMV	3-10	3800	8855
	3.6(	500- 12)	1/27/57-02/02/957 H	-	3529	8627
30(	1)					
	2.9(	2000- 12)	2/03/20-02/06/920 H	-	3701	7639
32(	4)					
	1.8		1/14/16-01/20/916 H	-	3355	11120
	1.7(	500- 12)	12/17/14-12/24/914 H	-	3323	11100
	1.7		2/01/05-02/07/905 H	-	3321	11101
	1.6(	500- 12)	12/01/06-12/04/906 H	-	3134	11019
34(	1)					
	4.8(	1000- 12)	12/08/11-12/10/911 H	-	3117	10038
36(	9)					
	6.9		2/11/27-02/14/927 A LMV	4- 6	3052	9100
	6.6		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	6.2		2/28/27-03/01/927 A LMV	4- 7	2945	9049
	6.0		2/27/34-03/04/934 A LMV	4-19	3050	9316
	5.9		12/23/04-12/27/904 A LMV	3-10	3220	9252
38(	4)					
	6.5(	1000- 12)	12/03/64-12/05/964 H	-	3107	8325
	6.4(	1000- 12)	1/31/20-02/02/920 H	-	2951	8120
	4.7(	2000- 12)	12/23/41-12/24/941 H	-	3212	8329
	4.3		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(	0)					

FIVE GREATEST OBSERVED 200 SQUARE MILE- 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



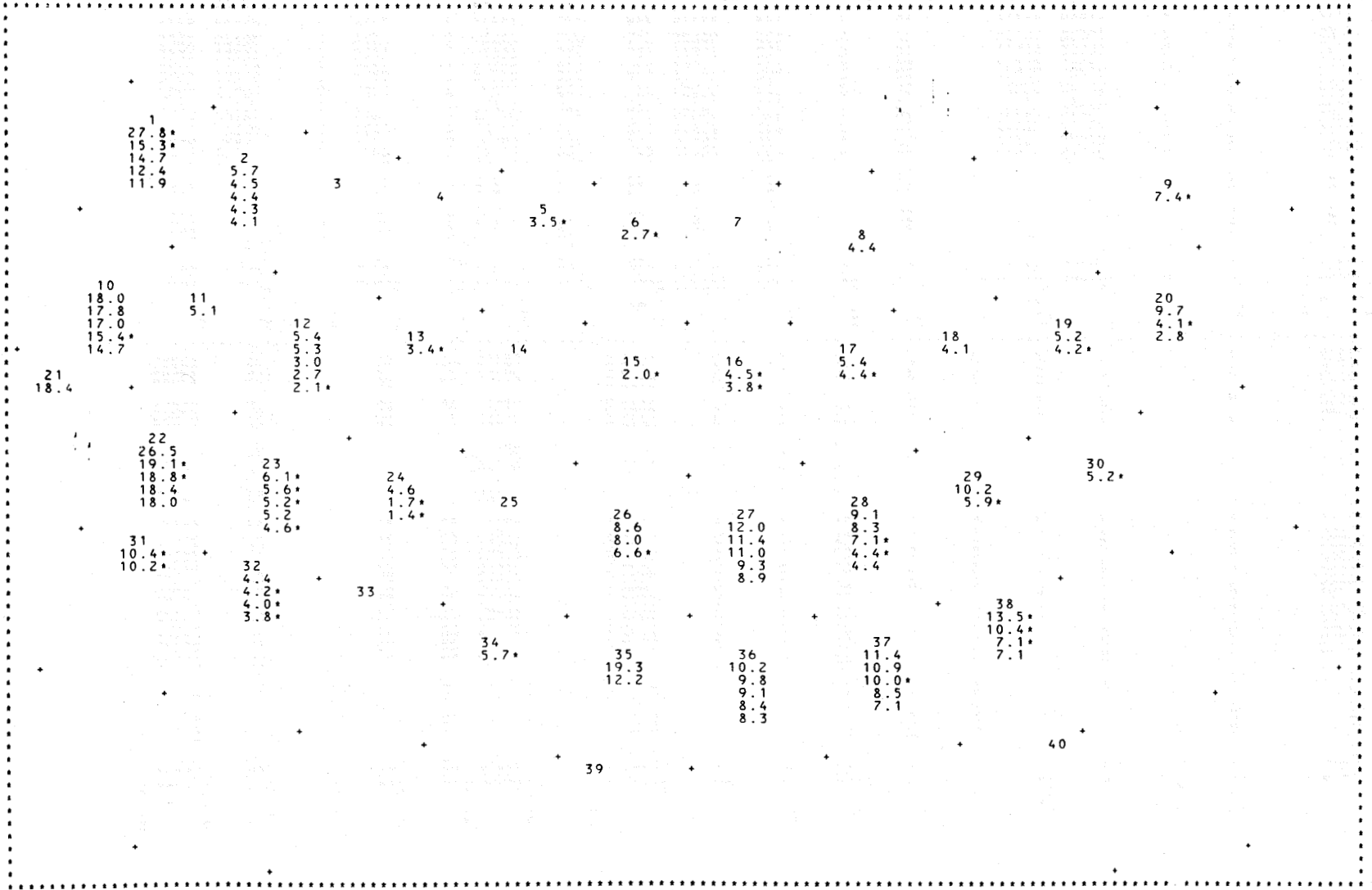
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 24 HOUR WINTER RAINFALL IN INCHES FOR CORPS SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	10)						
	15.5(	500- 24)	1/20/35-01/25/935	H	-	4730	12330
	9.4(	237- 24)	12/16/31-12/19/931	H	-	4730	12330
	9.1		1/20/35-01/25/935	H	-	4700	12200
	8.4		2/23/32-02/27/932	H	-	4804	12134
	8.3		2/23/32-02/27/932	H	-	4730	12330
3(	0)						
5(	1)						
	3.1(	1000- 24)	2/12/15-02/14/915	H	-	4442	10004
7(	0)						
9(	1)						
	5.8(	1000- 24)	12/25/69-12/28/969	H	-	4416	7118
11(	1)						
B	4.1		2/01/07-02/05/907	R	-	4140	11525
13(	1)						
B	2.6(	320- 24)	12/03/13-12/06/913	R	-	4042	10536
15(	1)						
	2.0(	2000- 24)	12/30/31-12/30/931	H	-	4133	9608
17(	2)						
	3.6(	2000- 24)	12/20/49-12/21/949	H	-	4027	8824
	3.4		12/16/95-12/21/895	A GL	2- 8	4157	8538
19(	1)						
	4.9		2/02/83-02/18/883	A OR	5-11	4142	7716
21(	1)						
	12.5		12/09/37-12/12/937	H	-	3851	12243
23(	6)						
	5.6(	200- 18)	2/26/38-03/04/938	H	-	3457	11144
	4.6		2/04/37-02/08/937	H	-	3458	11145
	3.8(	300- 24)	2/10/27-02/22/927	H	-	3419	11127
	3.8		2/28/38-03/05/938	H	-	3724	11230
	3.7		12/14/08-12/17/908	H	-	3422	11125
25(	0)						
27(	11)						
	10.0		1/22/49-01/27/949	A SW	3-10	3552	9219
	8.4		1/18/35-01/21/935	A LMV	1-19	3450	9000
	7.6		1/01/07-01/03/907	A LMV	1- 5	3422	9240
	7.2		12/12/27-12/13/927	A LMV	1-16	3529	9350
	7.0		12/16/95-12/20/895	A MR	1- 1	3728	9247
29(	2)						
	6.5		2/23/75-02/25/875	H	-	3533	8330
	5.9(	200- 20)	2/02/39-02/03/939	H	-	3612	8445
31(	2)						
	9.8		2/04/37-02/08/937	H	-	3300	11635
	8.0		1/24/16-01/29/916	H	-	3310	11641
33(	0)						
35(	2)						
	16.6		12/05/35-12/08/935	A GM	5- 4	2954	9537
	11.0		12/04/13-12/05/913	A GM	3-25	2952	9757
37(	5)						
	9.7(	1000- 24)	12/27/42-12/30/942	H	-	3351	8620
	9.3		1/16/43-01/19/943	A SA	3-24	3121	8632
	8.3		12/06/19-12/10/919	A GM	1-22	3225	8702
	7.7		2/01/36-02/05/936	H	-	3221	8840
	4.4		12/08/32-12/14/932	A GM	2-11	3246	8922
39(	0)						

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	8)						
B	4.5		12/01/41-12/04/941	R	-	4400	11500
	3.0		12/18/33-12/23/933	H	-	4729	11555
	3.0		1/21/35-01/24/935	H	-	4720	11540
	2.8(	250- 24)	12/17/33-12/19/933	H	-	4721	11540
B	2.7		1/19/43-01/23/943	R	-	4410	11540
4(	0)						
6(	1)						
	2.7(	1000- 18)	1/09/39-01/10/939	H	-	4429	9857
8(	1)						
	3.9		2/19/22-02/23/922	A GL	4-17	4419	8417
10(	15)						
	12.8		12/29/13-01/03/914	R	-	3955	12125
	10.8		1/11/09-01/16/909	R	-	3900	12025
	10.3		1/23/15-02/02/915	R	-	4110	12200
	10.2		2/24/40-02/29/940	R	-	3955	12125
	9.7		12/08/29-12/13/929	R	-	4105	12210
12(	5)						
B	3.4		2/23/17-02/25/917	R	-	4350	11415
B	3.0		1/20/43-01/23/943	R	-	4350	11400
	2.2		2/01/36-02/03/936	H	-	4036	11136
	2.1		1/31/63-02/01/963	H	-	4019	11134
	1.9		2/19/36-02/24/936	H	-	4036	11136
14(	0)						
16(	2)						
	4.1(	1000- 24)	1/11/60-01/15/960	H	-	4225	9026
	3.8(	1000- 24)	1/23/38-01/25/938	H	-	4037	9004
18(	1)						
	4.1		2/09/38-02/14/938	A GL	2-27	4227	8436
20(	3)						
	6.9		12/29/48-01/01/949	H	-	4240	7319
	2.9(	1000- 24)	12/28/42-12/31/942	H	-	4250	7438
	2.8		12/19/36-12/21/936	A NA	1-30	4144	7134
22(	14)						
	18.6		1/19/43-01/24/943	H	-	3413	11802
	14.2		2/26/38-03/04/938	H	-	3414	11711
	13.5(	300- 24)	2/10/27-02/22/927	H	-	3404	11650
	13.2		1/14/16-01/19/916	H	-	3415	11716
	13.2		1/30/45-02/03/945	R	-	3735	11930
24(	3)						
	3.5		12/14/08-12/17/908	H	-	3730	10830
B	1.0(	8140- 24)	1/15/16-01/20/916	R	-	3410	10958
B	1.0(	440- 24)	1/20/43-01/24/943	R	-	3845	10630
26(	3)						
	7.2		12/21/32-12/24/932	A SW	2- 9	3430	9658
	5.9		2/14/38-02/19/938	A SW	2-17	3456	9615
	4.5(	1000- 24)	2/16/11-02/18/911	H	-	3627	9923
28(	7)						
	6.7		12/04/24-12/08/924	A OR	4-18	3713	8615
	6.1		1/05/37-01/25/937	A OR	5- 6	3607	8833
	5.6(	500- 24)	1/27/57-02/02/957	H	-	3529	8627
	4.4		12/27/22-12/27/922	A UMV	3-10	3800	8855
	4.4(	200- 18)	12/07/16-12/08/916	A UMV	3- 2	3754	8950
30(	1)						
	4.1(	2000- 24)	2/03/20-02/06/920	H	-	3701	7639
32(	4)						
	2.6(	500- 24)	12/17/14-12/24/914	H	-	3323	11100
	2.4(	500- 24)	12/01/06-12/04/906	H	-	3134	11019
	2.4		1/14/16-01/20/916	H	-	3355	11120
	2.3		2/01/05-02/07/905	H	-	3321	11101
34(	1)						
	5.7(	1000- 24)	12/08/11-12/10/911	H	-	3117	10038
36(	10)						
	9.5		12/23/04-12/27/904	A LMV	3-10	3220	9252
	7.8		2/11/27-02/14/927	A LMV	4- 6	3052	9100
	7.7		12/08/99-12/11/899	A LMV	2- 4	3158	9059
	7.3		2/27/34-03/04/934	A LMV	4-19	3050	9316
	7.2		1/11/32-01/13/932	A LMV	4-16	3152	9217
38(	4)						
	9.8(	1000- 24)	12/03/64-12/05/964	H	-	3107	8325
	9.0(	1000- 24)	1/31/20-02/02/920	H	-	2951	8120
	7.0(	2000- 24)	12/23/41-12/24/941	H	-	3212	8329
	6.1		2/10/05-02/13/905	A SA	3- 9	3214	8425
40(	0)						

FIVE GREATEST OBSERVED 200 SQUARE MILE- 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



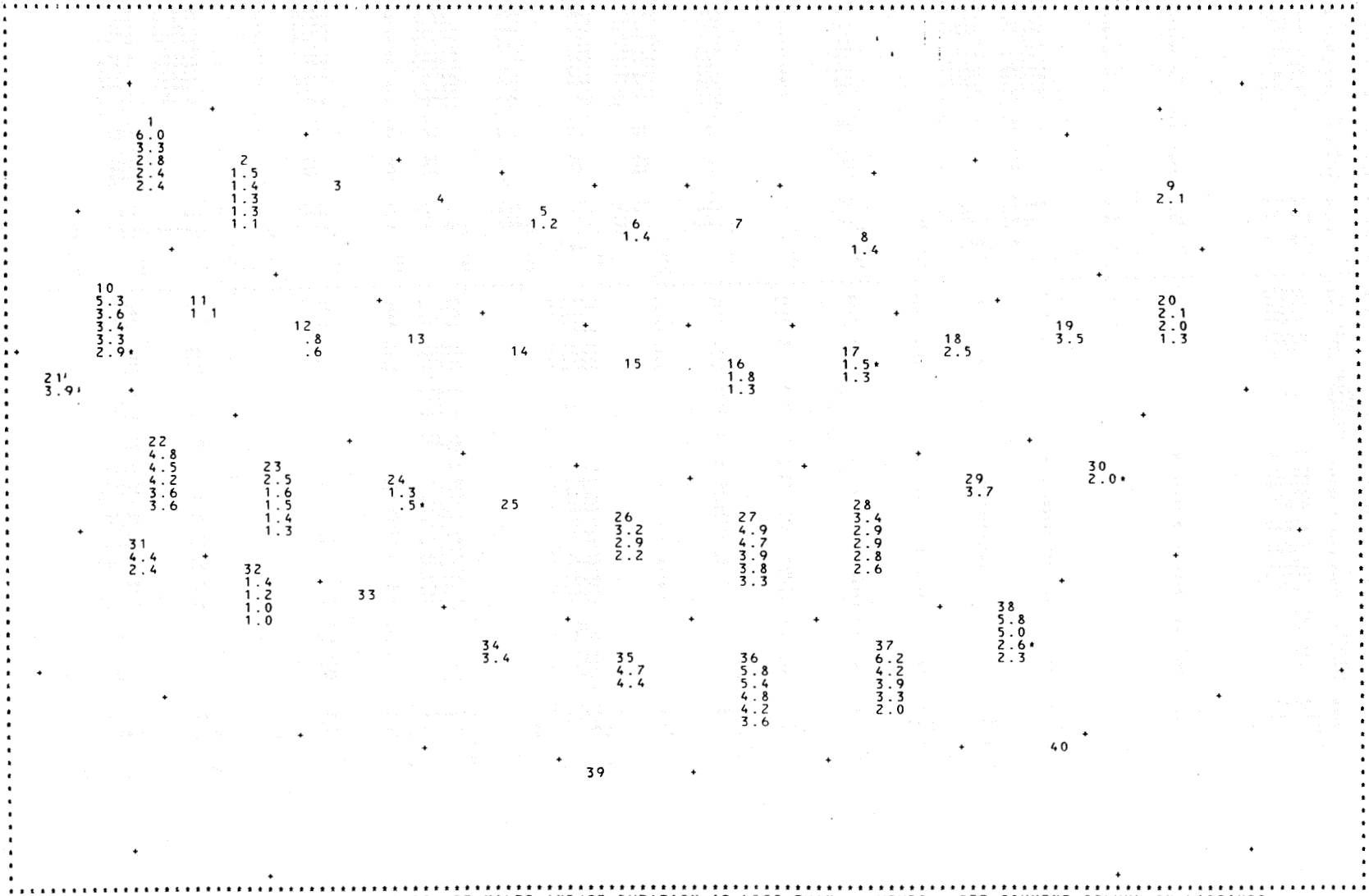
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	11)							
	27.8(	500- 48)	1/20/35-01/25/935	H	-		4730	12330
	15.3(	237- 48)	12/16/31-12/19/931	H	-		4730	12330
	14.7		1/20/35-01/25/935	H	-		4700	12200
	12.4		2/23/32-02/27/932	H	-		4730	12330
	11.9		2/23/32-02/27/932	H	-		4804	12134
3(	0)							
5(	1)							
	3.5(	1000- 48)	2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	7.4(	1000- 48)	12/25/69-12/28/969	H	-		4416	7118
11(	1)							
B	5.1		2/01/07-02/05/907	R	-		4140	11525
13(	1)							
B	3.4(	320- 48)	12/03/13-12/06/913	R	-		4042	10536
15(	1)							
	2.0(	2000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	5.4		12/16/95-12/21/895	A	GL	2- 8	4157	8538
	4.4(	2000- 36)	12/20/49-12/21/949	H	-		4027	8824
19(	2)							
	5.2		2/02/83-02/18/883	A	OR	5-11	4142	7716
	4.2(	502- 36)	1/11/15-01/13/915	H	-		3947	7721
21(	1)							
	18.4		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	6.1(	300- 48)	2/10/27-02/22/927	H	-		3419	11127
	5.6(	200- 18)	2/26/38-03/04/938	H	-		3457	11144
	5.2(	200- 42)	2/04/37-02/08/937	H	-		3458	11145
	5.2		12/14/08-12/17/908	H	-		3422	11125
	4.6(	200- 42)	1/25/16-01/30/916	H	-		3442	11214
25(	0)							
27(	11)							
	12.0		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	11.4		12/16/95-12/20/895	A	MR	1- 1	3728	9247
	11.0		1/22/49-01/27/949	A	SW	3-10	3552	9219
	9.3		1/06/30-01/11/930	A	LMV	2-22	3407	9303
	8.9		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
29(	2)							
	10.2		2/23/75-02/25/875	H	-		3533	8330
	5.9(	200- 20)	2/02/39-02/03/939	H	-		3612	8445
31(	2)							
	10.4(	200- 42)	2/04/37-02/08/937	H	-		3300	11635
	10.2(	200- 42)	1/24/16-01/29/916	H	-		3310	11641
33(	0)							
35(	2)							
	19.3		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	12.2		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	11.4		12/06/19-12/10/919	A	GM	1-22	3225	8702
	10.9		1/16/43-01/19/943	A	SA	3-24	3121	8632
	10.0(	1000- 48)	12/27/42-12/30/942	H		-	3351	8620
	8.5		2/01/36-02/05/936	H		-	3221	8840
	7.1		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	8)							
B	5.7		12/01/41-12/04/941	R		-	4400	11500
B	4.5		1/19/43-01/23/943	R		-	4410	11540
	4.4		1/21/35-01/24/935	H		-	4720	11540
	4.3		12/18/33-12/23/933	H		-	4729	11555
B	4.1		12/23/31-12/29/931	R		-	4415	11530
4(	0)							
6(	1)							
	2.7(	1000- 18)	1/09/39-01/10/939	H		-	4429	9857
8(	1)							
	4.4		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	15)							
	18.0		12/29/13-01/03/914	R		-	3955	12125
	17.8		1/11/09-01/16/909	R		-	3900	12025
	17.0		2/24/40-02/29/940	R		-	3955	12125
B	15.4(	1011- 48)	12/09/37-12/12/937	H		-	3945	12130
	14.7		1/23/15-02/02/915	R		-	4110	12200
12(	5)							
B	5.4		1/20/43-01/23/943	R		-	4350	11400
B	5.3		2/23/17-02/25/917	R		-	4350	11415
	3.0		2/19/36-02/24/936	H		-	4036	11136
	2.7		2/01/36-02/03/936	H		-	4036	11136
	2.1(	200- 24)	1/31/63-02/01/963	H		-	4019	11134
14(	0)							
16(	2)							
	4.5(	1000- 48)	1/11/60-01/15/960	H		-	4225	9026
	3.8(	1000- 30)	1/23/38-01/25/938	H		-	4037	9004
18(	1)							
	4.1		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	9.7		12/29/48-01/01/949	H		-	4240	7319
	4.1(	1000- 48)	12/28/42-12/31/942	H		-	4250	7438
	2.8		12/19/36-12/21/936	A	NA	1-30	4144	7134
22(	14)							
	26.5		1/19/43-01/24/943	H		-	3413	11802
	19.1(	300- 48)	2/10/27-02/22/927	H		-	3404	11650
	18.8(	200- 42)	1/14/16-01/19/916	H		-	3415	11716
	18.4		1/19/43-01/24/943	R		-	3735	11925
	18.0		12/17/21-12/27/921	H		-	3415	11806
24(	3)							
	4.6		12/14/08-12/17/908	H		-	3730	10830
B	1.7(	440- 48)	1/20/43-01/24/943	R		-	3845	10630
B	1.4(	8140- 48)	1/15/16-01/20/916	R		-	3410	10958
26(	3)							
	8.6		2/14/38-02/19/938	A	SW	2-17	3456	9615
	8.0		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	6.6(	1000- 48)	2/16/11-02/18/911	H		-	3627	9923
28(	7)							
	9.1		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	8.3		12/04/24-12/08/924	A	OR	4-18	3713	8615
	7.1(	500- 48)	1/27/57-02/02/957	H		-	3529	8627
	4.4(	200- 18)	12/07/16-12/08/916	A	UMV	3- 2	3754	8950
	4.4		1/21/20-01/24/920	A	OR	6-23	3415	8900
30(	1)							
	5.2(	2000- 48)	2/03/20-02/06/920	H		-	3701	7639
32(	4)							
	4.4		2/01/05-02/07/905	H		-	3321	11101
	4.2(	500- 48)	12/01/06-12/04/906	H		-	3134	11019
	4.0(	500- 48)	12/17/14-12/24/914	H		-	3323	11100
	3.8(	200- 42)	1/14/16-01/20/916	H		-	3355	11120
34(	1)							
	5.7(	1000- 24)	12/08/11-12/10/911	H		-	3117	10038
36(	10)							
	10.2		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	9.8		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	9.1		1/04/99-01/06/899	A	LMV	3- 7	3238	9002
	8.4		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	8.3		12/01/97-12/04/897	A	LMV	2- 3	3217	9011
38(	4)							
	13.5(	1000- 48)	1/31/20-02/02/920	H		-	2951	8120
	10.4(	1000- 48)	12/03/64-12/05/964	H		-	3107	8325
	7.1(	2000- 30)	12/23/41-12/24/941	H		-	3212	8329
	7.1		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



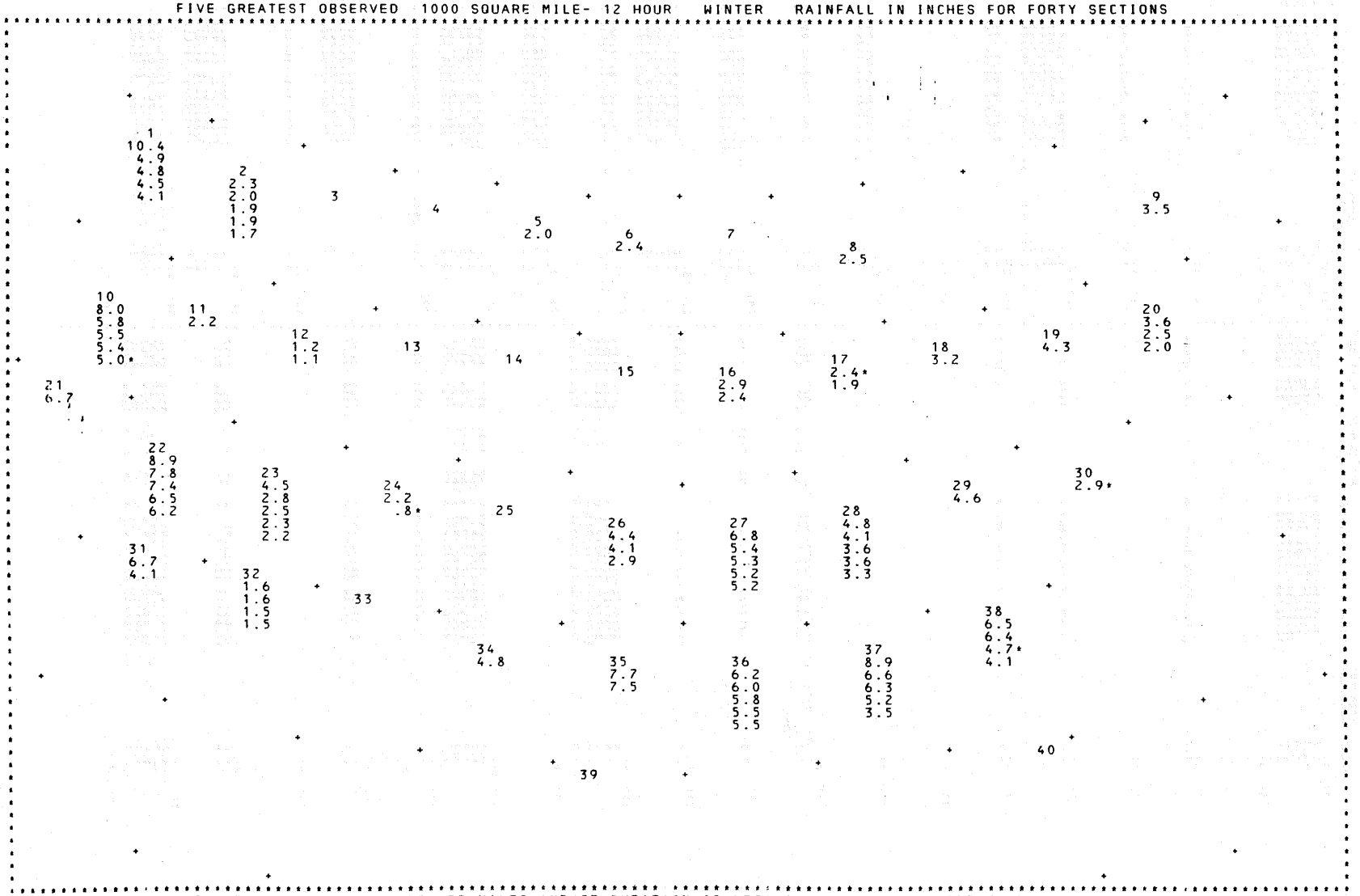
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(10)	6.0		1/20/35-01/25/935 H	-	4730	12330
	3.3		2/23/32-02/27/932 H	-	4804	12134
	2.8		1/20/35-01/25/935 H	-	4700	12200
	2.4		12/16/31-12/19/931 H	-	4730	12330
	2.4		12/08/33-12/12/933 H	-	4729	12339
3(0)						
5(1)	1.2		2/12/15-02/14/915 H	-	4442	10004
7(0)						
9(1)	2.1		12/25/69-12/28/969 H	-	4416	7118
11(1) B	1.1		2/01/07-02/05/907 R	-	4140	11525
13(0)						
15(0)						
17(2)	1.5	(2000- 6)	12/20/49-12/21/949 H	-	4027	8824
	1.3		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(1)	3.5		2/02/83-02/18/883 A DR	5-11	4142	7716
21(1)	3.9		12/09/37-12/12/937 H	-	3851	12243
23(6)	2.5		2/26/38-03/04/938 H	-	3457	11144
	1.6		2/10/27-02/22/927 H	-	3419	11127
	1.5		2/04/37-02/08/937 H	-	3458	11145
	1.4		12/14/08-12/17/908 H	-	3422	11125
	1.3		2/28/38-03/05/938 H	-	3724	11230
25(0)						
27(11)	4.9		1/22/49-01/27/949 A SW	3-10	3552	9219
	4.7		12/31/96-01/03/897 A UMV	2- 1	3412	9200
	3.9		12/26/42-12/28/942 A UMV	3-22	3738	9133
	3.8		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	3.3		12/16/95-12/20/895 A MR	1- 1	3728	9247
29(1)	3.7		2/23/75-02/25/875 H	-	3533	8330
31(2)	4.4		2/04/37-02/08/937 H	-	3300	11635
	2.4		1/24/16-01/29/916 H	-	3310	11641
33(0)						
35(2)	4.7		12/05/35-12/08/935 A GM	5- 4	2954	9537
	4.4		12/01/13-12/05/913 A GM	3-25	2952	9757
37(5)	6.2		12/27/42-12/30/942 H	-	3351	8620
	4.2		1/16/43-01/19/943 A SA	3-24	3121	8632
	3.9		12/06/19-12/10/919 A GM	1-22	3225	8702
	3.3		2/01/36-02/05/936 H	-	3221	8840
	2.0		12/08/32-12/14/932 A GM	2-11	3246	8922
39(0)						

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(8)	1.5		12/18/33-12/23/933 H	-	4729	11555
B	1.4		12/01/41-12/04/941 R	-	4400	11500
	1.3		12/17/33-12/19/933 H	-	4721	11540
	1.3		1/21/35-01/24/935 H	-	4720	11540
B	1.1		1/19/43-01/23/943 R	-	4410	11540
4(0)						
6(1)	1.4		1/09/39-01/10/939 H	-	4429	9857
8(1)	1.4		2/19/22-02/23/922 A GL	4-17	4419	8417
10(14)	5.3		12/29/13-01/03/914 R	-	3955	12125
	3.6		1/11/09-01/16/909 R	-	3900	12025
	3.4		2/24/40-02/29/940 R	-	3955	12125
	3.3		12/08/29-12/13/929 R	-	4105	12210
B	2.9	(1011- 6)	12/09/37-12/12/937 H	-	3945	12130
12(2)	0.8		2/01/36-02/03/936 H	-	4036	11136
	0.6		2/19/36-02/24/936 H	-	4036	11136
14(0)						
16(2)	1.8		1/23/38-01/25/938 H	-	4037	9004
	1.3		1/11/60-01/15/960 H	-	4225	9026
18(1)	2.5		2/09/38-02/14/938 A GL	2-27	4227	8436
20(3)	2.1		12/19/36-12/21/936 A MA	1-30	4144	7134
	2.0		12/29/48-01/01/949 H	-	4240	7319
	1.3		12/28/42-12/31/942 H	-	4250	7438
22(13)	4.8		2/26/38-03/04/938 H	-	3414	11711
	4.5		1/19/43-01/24/943 H	-	3413	11802
	4.2		2/10/27-02/22/927 H	-	3404	11650
	3.6		1/19/43-01/24/943 R	-	3735	11925
	3.6		2/17/14-02/22/914 H	-	3418	11807
24(2)	1.3		12/14/08-12/17/908 H	-	3730	10830
B	0.5	(8140- 6)	1/15/16-01/20/916 R	-	3410	10958
26(3)	3.2		12/21/32-12/24/932 A SW	2- 9	3430	9658
	2.9		2/14/38-02/19/938 A SW	2-17	3456	9615
	2.2		2/16/11-02/18/911 H	-	3627	9923
28(7)	3.4		12/04/24-12/08/924 A OR	4-18	3713	8615
	2.9		12/07/16-12/08/916 A UMV	3- 2	3754	8950
	2.9		1/05/37-01/25/937 A OR	5- 6	3607	8833
	2.8		12/27/22-12/27/922 A UMV	3-10	3800	8855
	2.6		1/04/17-01/05/917 A UMV	3- 3	3840	8732
30(1)	2.0	(2000- 6)	2/03/20-02/06/920 H	-	3701	7639
32(4)	1.4		2/01/05-02/07/905 H	-	3321	11101
	1.2		1/14/16-01/20/916 H	-	3355	11120
	1.0		12/17/14-12/24/914 H	-	3323	11100
	1.0		12/01/06-12/04/906 H	-	3134	11019
34(1)	3.4		12/08/11-12/10/911 H	-	3117	10038
36(9)	5.8		2/11/27-02/14/927 A LMV	4- 6	3052	9100
	5.4		2/27/34-03/04/934 A LMV	4-19	3050	9316
	4.8		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	4.2		2/28/27-03/01/927 A LMV	4- 7	2945	9049
	3.6		1/11/32-01/13/932 A LMV	4-16	3152	9217
38(4)	5.8		12/03/64-12/05/964 H	-	3107	8325
	5.0		1/31/20-02/02/920 H	-	2951	8120
	2.6	(2000- 6)	12/23/41-12/24/941 H	-	3212	8329
	2.3		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(0)						

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



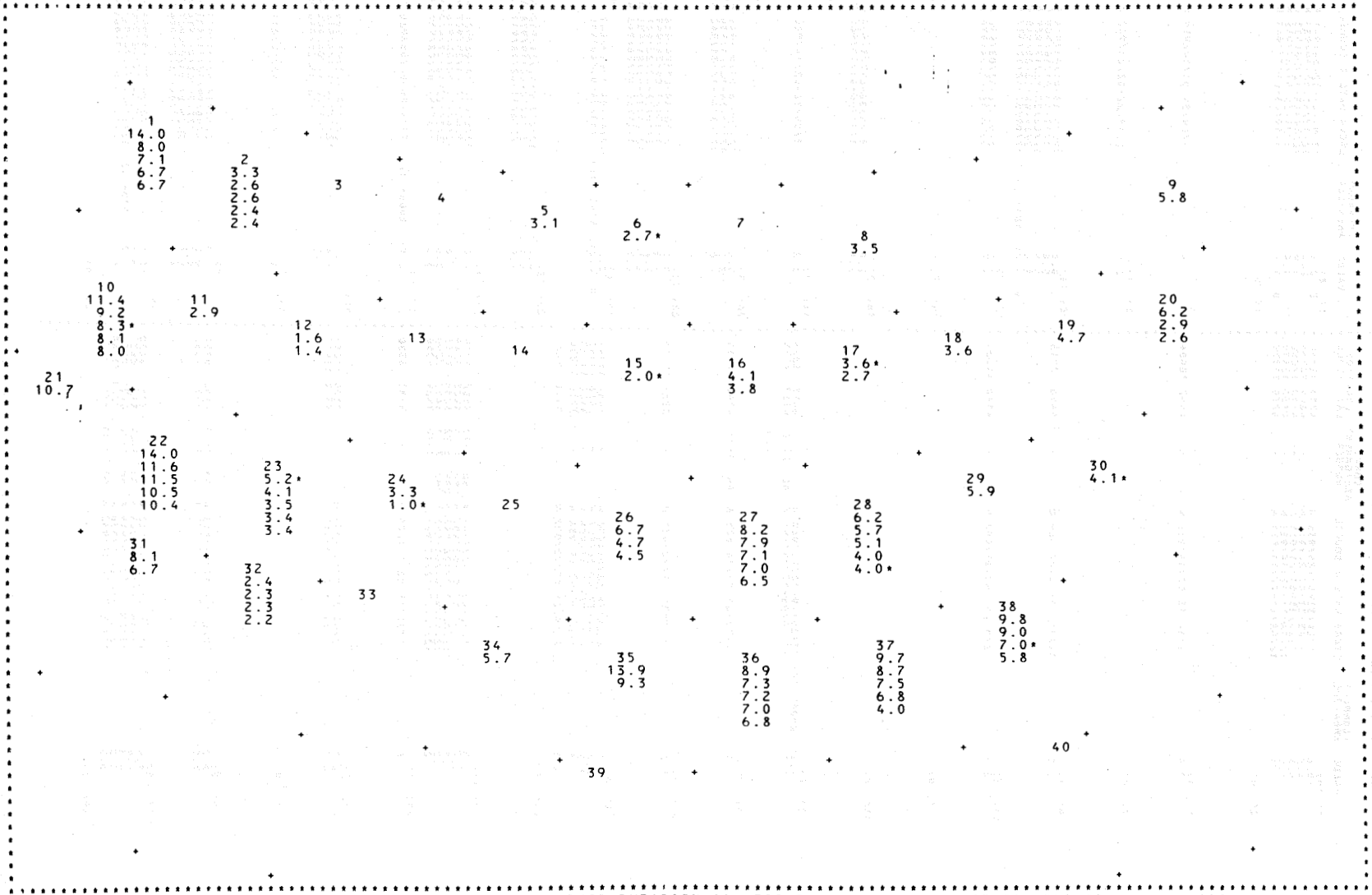
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	10)					
	10.4		1/20/35-01/25/935 H	-	4730	12330
	4.9		2/23/32-02/27/932 H	-	4804	12134
	4.8		1/20/35-01/25/935 H	-	4700	12200
	4.5		12/16/31-12/19/931 H	-	4730	12330
	4.1		12/08/21-12/13/921 H	-	4730	12330
3(	0)					
5(	1)					
	2.0		2/12/15-02/14/915 H	-	4442	10004
7(	0)					
9(	1)					
	3.5		12/25/69-12/28/969 H	-	4416	7118
11(	1)					
B	2.2		2/01/07-02/05/907 R	-	4140	11525
13(	0)					
15(	0)					
17(	2)					
	2.4(	2000- 12)	12/20/49-12/21/949 H	-	4027	8824
	1.9		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(	1)					
	4.3		2/02/83-02/18/883 A OR	5-11	4142	7716
21(	1)					
	6.7		12/09/37-12/12/937 H	-	3851	12243
23(	6)					
	4.5		2/26/38-03/04/938 H	-	3457	11144
	2.8		2/04/37-02/08/937 H	-	3458	11145
	2.5		12/14/08-12/17/908 H	-	3422	11125
	2.3		2/28/38-03/05/938 H	-	3724	11230
	2.2		2/10/27-02/22/927 H	-	3419	11127
25(	0)					
27(	11)					
	6.8		1/22/49-01/27/949 A SW	3-10	3552	9219
	5.4		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	5.3		12/26/42-12/28/942 A LMV	3-22	3738	9133
	5.2		12/31/96-01/03/897 A LMV	2- 1	3412	9200
	5.2		12/12/27-12/13/927 A LMV	1-16	3529	9350
29(	1)					
	4.6		2/23/75-02/25/875 H	-	3533	8330
31(	2)					
	6.7		2/04/37-02/08/937 H	-	3300	11635
	4.1		1/24/16-01/29/916 H	-	3310	11641
33(	0)					
35(	2)					
	7.7		12/01/13-12/05/913 A GM	3-25	2952	9757
	7.5		[illegible] A GM	5- 4	2954	9537
37(	5)					
	8.9		12/27/42-12/30/942 H	-	3351	8620
	6.6		1/16/43-01/19/943 A SA	3-24	3121	8632
	6.3		12/06/75-12/10/919 A GM	1-22	3225	8702
	5.2		2/01/36-02/05/936 H	-	3221	8840
	3.5		12/08/32-12/14/932 A GM	2-11	3246	8922
39(	0)					

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	8)					
B	2.3		12/01/41-12/04/941 R	-	4400	11500
	2.0		12/17/33-12/19/933 H	-	4721	11540
	1.9		12/18/33-12/23/933 H	-	4729	11555
	1.9		1/21/35-01/24/935 H	-	4720	11540
B	1.7		1/19/43-01/23/943 R	-	4410	11540
4(	0)					
6(	1)					
	2.4		1/09/39-01/10/939 H	-	4429	9857
8(	1)					
	2.5		2/19/22-02/23/922 A GL	4-17	4419	8417
10(	14)					
	8.0		12/29/13-01/03/914 R	-	3955	12125
	5.8		1/11/09-01/16/909 R	-	3900	12025
	5.5		12/08/29-12/13/929 R	-	4105	12210
	5.4		2/24/40-02/29/940 R	-	3955	12125
B	5.0(	1011- 12)	12/09/37-12/12/937 H	-	3945	12130
12(	2)					
	1.2		2/01/36-02/03/936 H	-	4036	11136
	1.1		2/19/36-02/24/936 H	-	4036	11136
14(	0)					
16(	2)					
	2.9		1/23/38-01/25/938 H	-	4037	9004
	2.4		1/11/60-01/15/960 H	-	4225	9026
18(	1)					
	3.2		2/09/38-02/14/938 A GL	2-27	4227	8436
20(	3)					
	3.6		12/29/48-01/01/949 H	-	4240	7319
	2.5		12/19/36-12/21/936 A MA	1-30	4144	7134
	2.0		12/28/42-12/31/942 H	-	4250	7438
22(	13)					
	8.9		2/26/38-03/04/938 H	-	3414	11711
	7.8		1/19/43-01/24/943 H	-	3413	11802
	7.4		2/10/27-02/22/927 H	-	3404	11650
	6.5		12/29/33-01/01/934 H	-	3413	11801
	6.2		1/19/43-01/24/943 R	-	3735	11925
24(	2)					
	2.2		12/14/08-12/17/908 H	-	3730	10830
B	0.8(	8140- 12)	1/15/16-01/20/916 R	-	3410	10958
26(	3)					
	4.4		12/21/32-12/24/932 A SW	2- 9	3430	9658
	4.1		2/14/38-02/19/938 A SW	2-17	3456	9615
	2.9		2/16/11-02/18/911 H	-	3627	9923
28(	7)					
	4.8		12/04/24-12/08/924 A OR	4-18	3713	8615
	4.1		1/05/37-01/25/937 A OR	5- 6	3607	8833
	3.6		12/07/16-12/08/916 A UMV	3- 2	3754	8950
	3.6		12/27/22-12/27/922 A UMV	3-10	3800	8855
	3.3		1/27/57-02/02/957 H	-	3529	8627
30(	1)					
	2.9(	2000- 12)	2/03/20-02/06/920 H	-	3701	7639
32(	4)					
	1.6		2/01/05-02/07/905 H	-	3321	11101
	1.6		12/17/14-12/24/914 H	-	3323	11100
	1.5		12/01/06-12/04/906 H	-	3134	11019
	1.5		1/14/16-01/20/916 H	-	3355	11120
34(	1)					
	4.8		12/08/11-12/10/911 H	-	3117	10038
36(	9)					
	6.2		2/11/27-02/14/927 A LMV	4- 1	3052	9100
	6.0		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	5.8		2/27/34-03/04/934 A LMV	4-19	3050	9316
	5.5		2/28/27-03/01/927 A LMV	4- 7	2945	9049
	5.5		12/23/04-12/27/904 A LMV	3-10	3220	9252
38(	4)					
	6.5		12/03/64-12/05/964 H	-	3107	8325
	6.4		1/31/20-02/02/920 H	-	2951	8120
	4.7(	2000- 12)	12/23/41-12/24/941 H	-	3212	8329
	4.1		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(	0)					

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

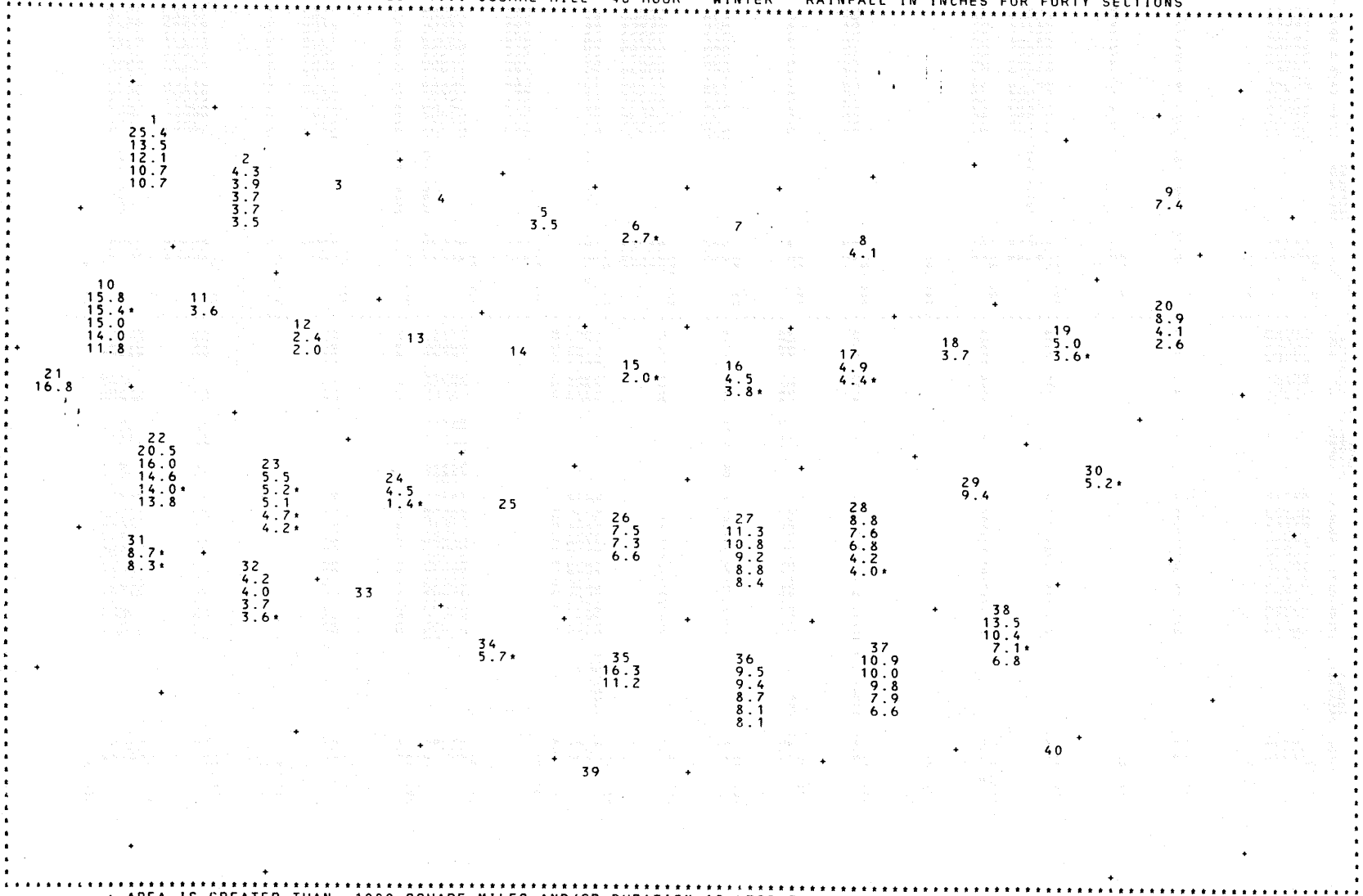


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(10)	14.0		1/20/35-01/25/935	H	-		4730	12330
	8.0		12/16/31-12/19/931	H	-		4730	12330
	7.1		1/20/35-01/25/935	H	-		4700	12200
	6.7		2/23/32-02/27/932	H	-		4730	12330
	6.7		2/23/32-02/27/932	H	-		4804	12134
2(8)	B 3.3		12/01/41-12/04/941	R	-		4400	11500
	2.6		12/18/33-12/23/933	H	-		4729	11555
	2.6		1/21/35-01/24/935	H	-		4720	11540
	B 2.4		1/19/43-01/23/943	R	-		4410	11540
	2.4		12/17/33-12/19/933	H	-		4721	11540
3(0)								
4(0)								
5(1)	3.1		2/12/15-02/14/915	H	-		4442	10004
6(1)	2.7(1000- 18)		1/09/39-01/10/939	H	-		4429	9857
7(0)								
8(1)	3.5		2/19/22-02/23/922	A	GL	4-17	4419	8417
9(1)	5.8		12/25/69-12/28/969	H	-		4416	7118
10(14)	11.4		12/29/13-01/03/914	R	-		3955	12125
	9.2		1/11/09-01/16/909	R	-		3900	12025
	B 8.3(1011- 24)		12/09/37-12/12/937	H	-		3945	12130
	8.1		12/08/29-12/13/929	R	-		4105	12210
	8.0		2/24/40-02/29/940	R	-		3955	12125
11(1)	B 2.9		2/01/07-02/05/907	R	-		4140	11525
12(2)	1.6		2/01/36-02/03/936	H	-		4036	11136
	1.4		2/19/36-02/24/936	H	-		4036	11136
13(0)								
14(0)								
15(1)	2.0(2000- 24)		12/30/31-12/30/931	H	-		4133	9608
16(2)	4.1		1/11/60-01/15/960	H	-		4225	9026
	3.8		1/23/38-01/25/938	H	-		4037	9004
17(2)	3.6(2000- 24)		12/20/49-12/21/949	H	-		4027	8824
	2.7		12/16/95-12/21/895	A	GL	2- 8	4157	8538
18(1)	3.6		2/09/38-02/14/938	A	GL	2-27	4227	8436
19(1)	4.7		2/02/83-02/18/883	A	OR	5-11	4142	7716
20(3)	6.2		12/29/48-01/01/949	H	-		4240	7319
	2.9		12/28/42-12/31/942	H	-		4250	7438
	2.6		12/19/36-12/21/936	A	MA	1-30	4144	7134
21(1)	10.7		12/09/37-12/12/937	H	-		3851	12243
22(13)	14.0		1/19/43-01/24/943	H	-		3413	11802
	11.6		2/10/27-02/22/927	H	-		3404	11650
	11.5		2/26/38-03/04/938	H	-		3414	11711
	10.5		12/29/33-01/01/934	H	-		3413	11801
	10.4		1/19/43-01/24/943	R	-		3735	11925
23(6)	5.2(1000- 18)		2/26/38-03/04/938	H	-		3457	11144
	4.1		2/04/37-02/08/937	H	-		3458	11145
	3.5		12/14/08-12/17/908	H	-		3422	11125
	3.4		2/10/27-02/22/927	H	-		3419	11127
	3.4		2/28/38-03/05/938	H	-		3724	11230
24(2)	3.3		12/14/08-12/17/908	H	-		3730	10830
	B 1.0(8140- 24)		1/15/16-01/20/916	R	-		3410	10958
25(0)								
26(3)	6.7		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	4.7		2/14/38-02/19/938	A	SW	2-17	3456	9615
	4.5		2/16/11-02/18/911	H	-		3627	9923
27(11)	8.2		1/22/49-01/27/949	A	SW	3-10	3552	9219
	7.9		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	7.1		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
	7.0		12/12/27-12/13/927	A	LMV	1-16	3529	9350
	6.5		12/16/95-12/20/895	A	MR	1- 1	3728	9247
28(7)	6.2		12/04/24-12/08/924	A	OR	4-18	3713	8615
	5.7		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	5.1		1/27/57-02/02/957	H	-		3529	8627
	4.0		12/27/22-12/27/922	A	UMV	3-10	3800	8855
	4.0(1000- 18)		12/07/16-12/08/916	A	UMV	3- 2	3754	8950
29(1)	5.9		2/23/75-02/25/875	H	-		3533	8330
30(1)	4.1(2000- 24)		2/03/20-02/06/920	H	-		3701	7639
31(2)	8.1		2/04/37-02/08/937	H	-		3300	11635
	6.7		1/24/16-01/29/916	H	-		3310	11641
32(4)	2.4		12/17/14-12/24/914	H	-		3323	11100
	2.3		12/01/06-12/04/906	H	-		3134	11019
	2.3		2/01/05-02/07/905	H	-		3321	11101
	2.2		1/14/16-01/20/916	H	-		3355	11120
33(0)								
34(1)	5.7		12/08/11-12/10/911	H	-		3117	10038
35(2)	13.9		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	9.3		12/01/13-12/05/913	A	GM	3-25	2952	9757
36(10)	8.9		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	7.3		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	7.2		2/27/34-03/04/934	A	LMV	4-19	3050	9316
	7.0		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	6.8		1/11/32-01/13/932	A	LMV	4-16	3152	9217
37(5)	9.7		12/27/42-12/30/942	H	-		3351	8620
	8.7		1/16/43-01/19/943	A	SA	3-24	3121	8632
	7.5		12/06/19-12/10/919	A	GM	1-22	3225	8702
	6.8		2/01/36-02/05/936	H	-		3221	8840
	4.0		12/08/32-12/14/932	A	GM	2-11	3246	8922
38(4)	9.8		12/03/64-12/05/964	H	-		3107	8325
	9.0		1/31/20-02/02/920	H	-		2951	8120
	7.0(2000- 24)		12/23/41-12/24/941	H	-		3212	8329
	5.8		2/10/05-02/13/905	A	SA	3- 9	3214	8425
39(0)								
40(0)								

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



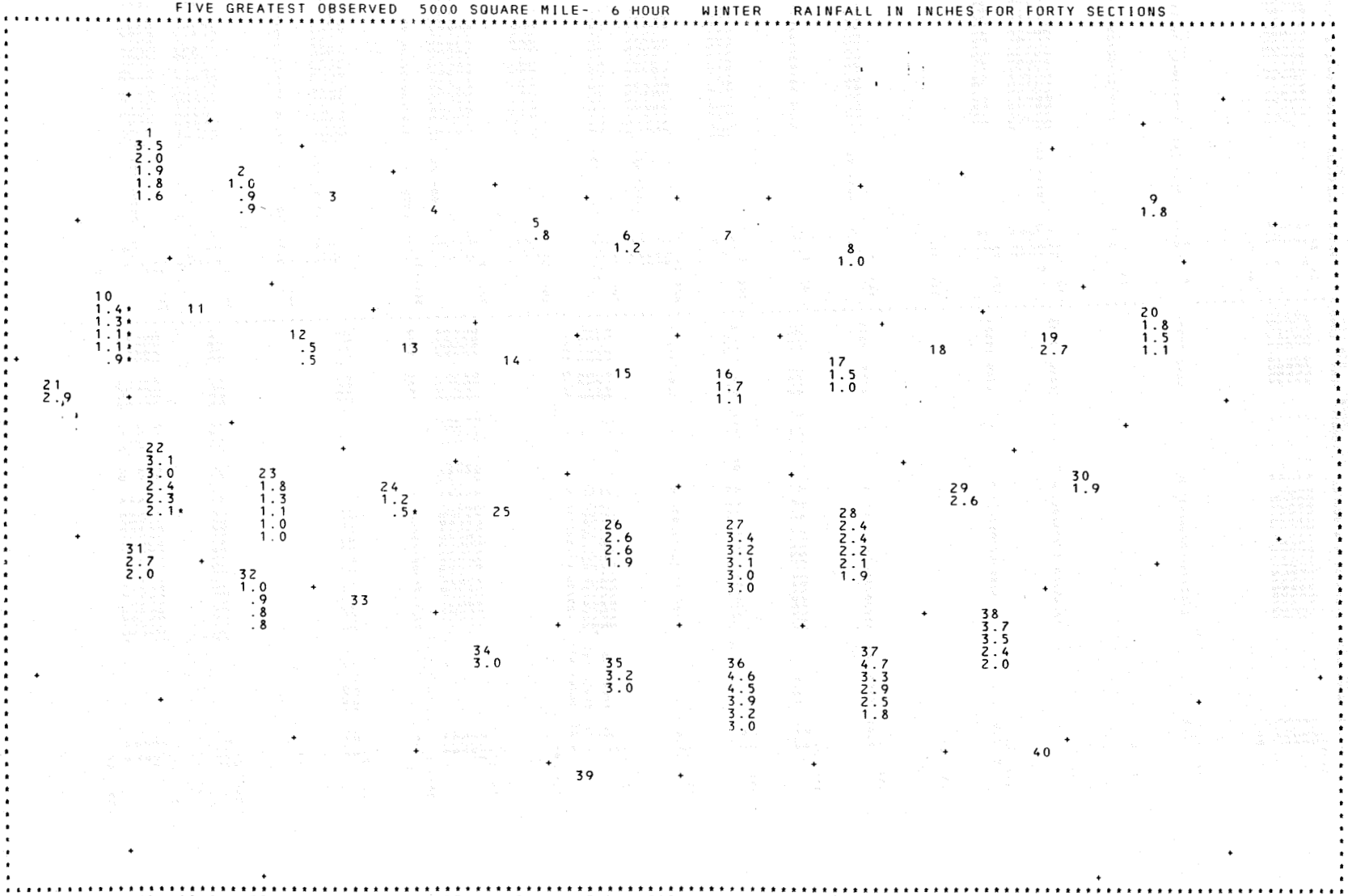
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	11)							
	25.4		1/20/35-01/25/935	H	-		4730	12330
	13.5		12/16/31-12/19/931	H	-		4730	12330
	12.1		1/20/35-01/25/935	H	-		4700	12200
	10.7		12/08/21-12/13/921	H	-		4804	12134
	10.7		12/08/21-12/13/921	H	-		4730	12330
3(	0)							
5(	1)							
	3.5		2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	7.4		12/25/69-12/28/969	H	-		4416	7118
11(	1)							
B	3.6		2/01/07-02/05/907	R	-		4140	11525
13(	0)							
15(	1)							
	2.0(	2000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	4.9		12/16/95-12/21/895	A	GL	2- 8	4157	8538
	4.4(	2000- 36)	12/20/49-12/21/949	H	-		4027	8824
19(	2)							
	5.0		2/02/83-02/18/883	A	OR	5-11	4142	7716
	3.6(	7904- 36)	1/11/15-01/13/915	H	-		3947	7721
21(	1)							
	16.8		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	5.5		2/10/27-02/22/927	H	-		3419	11127
	5.2(	1000- 18)	2/26/38-03/04/938	H	-		3457	11144
	5.1		12/14/08-12/17/908	H	-		3422	11125
	4.7(	1000- 42)	2/04/37-02/08/937	H	-		3458	11145
	4.2(	1000- 42)	1/25/16-01/30/916	H	-		3442	11214
25(	0)							
27(	11)							
	11.3		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	10.8		12/16/95-12/20/895	A	MR	1- 1	3728	9247
	9.2		1/22/49-01/27/949	A	SW	3-10	3552	9219
	8.8		1/06/30-01/11/930	A	LMV	2-22	3407	9303
	8.4		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
29(	1)							
	9.4		2/23/75-02/25/875	H	-		3533	8330
31(	2)							
	8.7(	1000- 42)	2/04/37-02/08/937	H	-		3300	11635
	8.3(	1000- 42)	1/24/16-01/29/916	H	-		3310	11641
33(	0)							
35(	2)							
	16.3		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	11.2		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	10.9		12/06/19-12/10/919	A	GM	1-22	3225	8702
	10.0		12/27/42-12/30/942	H		-	3351	8620
	9.8		1/16/43-01/19/943	A	SA	3-24	3121	8632
	7.9		2/01/36-02/05/936	H		-	3221	8840
	6.6		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	8)							
B	4.3		1/19/43-01/23/943	R	-		4410	11540
	3.9		1/21/35-01/24/935	H	-		4720	11540
	3.7		12/18/33-12/23/933	H	-		4729	11555
B	3.7		12/01/41-12/04/941	R	-		4400	11500
	3.5		12/17/33-12/19/933	H	-		4721	11540
4(	0)							
6(	1)							
	2.7(	1000- 18)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	4.1		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	14)							
	15.8		12/29/13-01/03/914	R		-	3955	12125
B	15.4(	1011- 48)	12/09/37-12/12/937	H		-	3945	12130
	15.0		1/11/09-01/16/909	R		-	3900	12025
	14.0		2/24/40-02/29/940	R		-	3955	12125
	11.8		12/08/29-12/13/929	R		-	4105	12210
12(	2)							
	2.4		2/19/36-02/24/936	H		-	4036	11136
	2.0		2/01/36-02/03/936	H		-	4036	11136
14(	0)							
16(	2)							
	4.5		1/11/60-01/15/960	H		-	4225	9026
	3.8(	1000- 30)	1/23/38-01/25/938	H		-	4037	9004
18(	1)							
	3.7		2/09/38-02/14/938	A	GL	2-27	4227	8436
20(	3)							
	8.9		12/29/48-01/01/949	H		-	4240	7319
	4.1		12/28/42-12/31/942	H		-	4250	7438
	2.6		12/19/36-12/21/936	A	MA	1-30	4144	7134
22(	13)							
	20.5		1/19/43-01/24/943	H		-	3413	11802
	16.0		2/10/27-02/22/927	H		-	3404	11650
	14.6		1/19/43-01/24/943	R		-	3735	11925
	14.0(	1000- 42)	1/14/16-01/19/916	H		-	3415	11716
	13.8		12/17/21-12/27/921	H		-	3415	11806
24(	2)							
	4.5		12/14/08-12/17/908	H		-	3730	10830
B	1.4(	8140- 48)	1/15/16-01/20/916	R		-	3410	10958
26(	3)							
	7.5		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	7.3		2/14/38-02/19/938	A	SW	2-17	3456	9615
	6.6		2/16/11-02/18/911	H		-	3627	9923
28(	7)							
	8.8		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	7.6		12/04/24-12/08/924	A	OR	4-18	3713	8615
	6.8		1/27/57-02/02/957	H		-	3529	8627
	4.2		1/21/20-01/24/920	A	OR	6-23	3415	8900
	4.0(	1000- 24)	12/27/22-12/27/922	A	LMV	3-10	3800	8855
30(	1)							
	5.2(	2000- 48)	2/03/20-02/06/920	H		-	3701	7639
32(	4)							
	4.2		2/01/05-02/07/905	H		-	3321	11101
	4.0		12/01/06-12/04/906	H		-	3134	11019
	3.7		12/17/14-12/24/914	H		-	3323	11100
	3.6(	1000- 42)	1/14/16-01/20/916	H		-	3355	11120
34(	1)							
	5.7(	1000- 24)	12/08/11-12/10/911	H		-	3117	10038
36(	10)							
	9.5		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	9.4		12/23/04-12/27/904	A	LMV	7-12	3220	9252
	8.7		1/04/99-01/06/899	A	LMV	3- 7	3238	9002
	8.1		1/16/25-01/20/925	H		-	3130	9030
	8.1		12/01/97-12/04/897	A	LMV	2- 3	3217	9011
38(	4)							
	13.5		1/31/20-02/02/920	H		-	2951	8120
	10.4		12/03/64-12/05/964	H		-	3107	8325
	7.1(	2000- 30)	12/23/41-12/24/941	H		-	3212	8329
	6.8		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

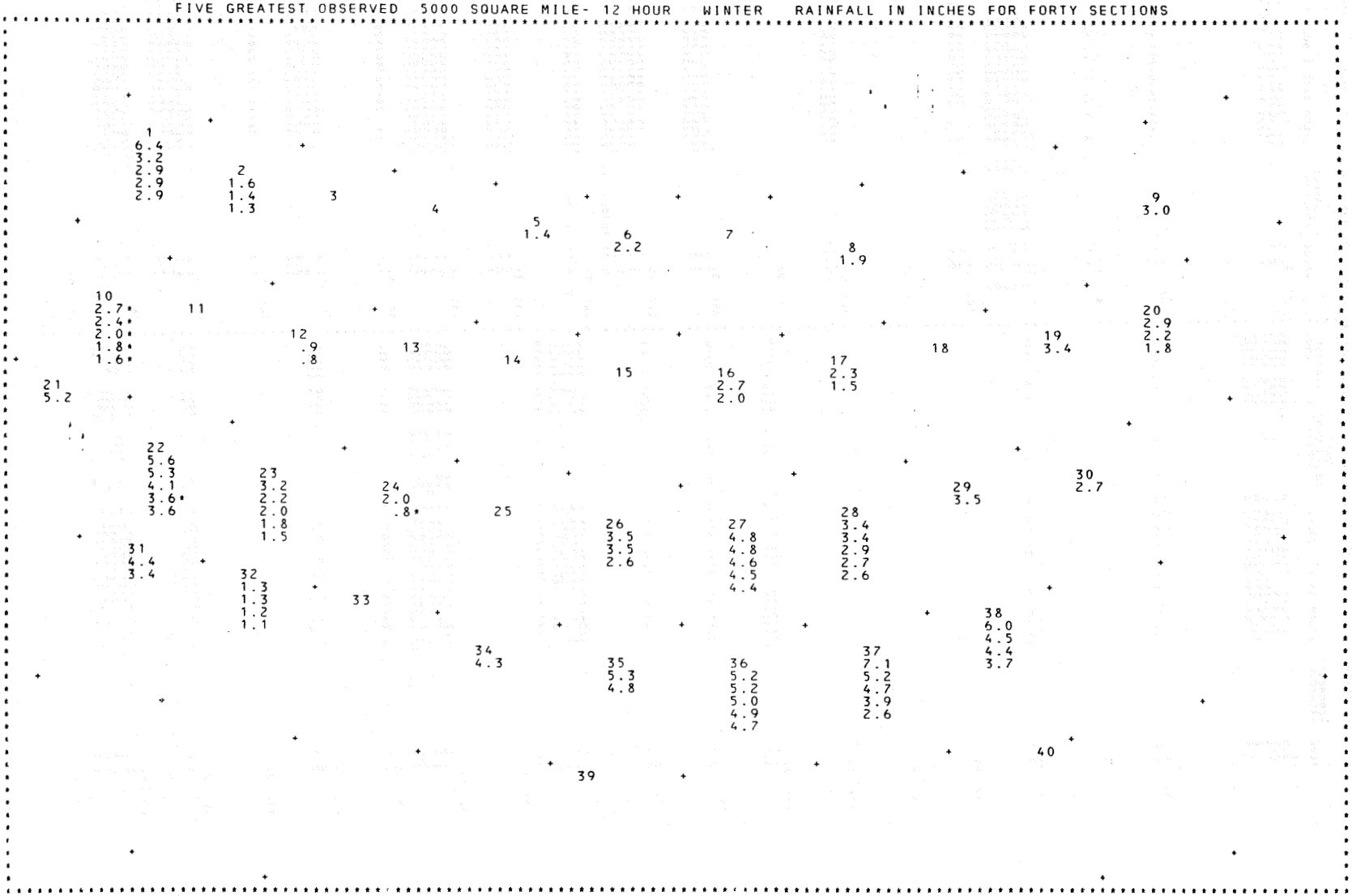


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	9)					
	3.5		1/20/35-01/25/935 H	-	4730	12330
	2.0		2/23/32-02/27/932 H	-	4804	12134
	1.9		1/20/35-01/25/935 H	-	4700	12200
	1.8		12/08/33-12/12/933 H	-	4729	12339
	1.6		12/08/21-12/13/921 H	-	4730	12330
2(	3)					
	1.0		12/17/33-12/19/933 H	-	4721	11540
	0.9		12/18/33-12/23/933 H	-	4729	11555
	0.9		1/21/35-01/24/935 H	-	4720	11540
3(	0)					
4(	0)					
5(	1)					
	0.8		2/12/15-02/14/915 H	-	4442	10004
6(	1)					
	1.2		1/09/39-01/10/939 H	-	4429	9857
7(	0)					
8(	1)					
	1.0		2/19/22-02/23/922 A	GL 4-17	4419	8417
9(	1)					
	1.8		12/25/69-12/28/969 H	-	4416	7118
10(	6)					
B	1.4	(25055- 6)	12/29/13-01/02/914 H	-	4000	12200
B	1.3	(25055- 6)	12/09/37-12/12/937 H	-	4000	12200
B	1.1	(25055- 6)	12/09/29-12/13/929 H	-	4000	12200
B	1.1	(25055- 6)	2/25/40-02/29/940 H	-	4000	12200
B	0.9	(25055- 6)	1/12/06-01/19/906 H	-	4000	12200
11(	0)					
12(	2)					
	0.5		2/19/36-02/24/936 H	-	4036	11136
	0.5		2/01/36-02/03/936 H	-	4036	11136
13(	0)					
14(	0)					
15(	0)					
16(	2)					
	1.7		1/23/38-01/25/938 H	-	4037	9004
	1.1		1/11/60-01/15/960 H	-	4225	9026
17(	2)					
	1.5		12/20/49-12/21/949 H	-	4027	8824
	1.0		12/16/95-12/21/895 A	GL 2- 8	4157	8538
18(	0)					
19(	1)					
	2.7		2/02/83-02/18/883 A	OR 5-11	4142	7716
20(	3)					
	1.8		12/19/36-12/21/936 A	NA 1-30	4144	7134
	1.5		12/29/48-01/01/949 H	-	4240	7319
	1.1		12/28/42-12/31/942 H	-	4250	7438
21(	1)					
	2.9		12/09/37-12/12/937 H	-	3851	12243
22(	9)					
	3.1		1/19/43-01/24/943 H	-	3413	11802
	3.0		2/26/38-03/04/938 H	-	3414	11711
	2.4		1/14/16-01/19/916 H	-	3415	11716
	2.3		12/29/33-01/01/934 H	-	3413	11801
	2.1	(10000- 6)	2/10/27-02/22/927 H	-	3404	11650
23(	6)					
	1.8		2/26/38-03/04/938 H	-	3457	11144
	1.3		12/14/08-12/17/908 H	-	3422	11125
	1.1		2/[illegible]7-02/22/927 H	-	3419	11127
	1.0		2/04/37-02/08/937 H	-	3458	11145
	1.0		2/28/38-03/05/938 H	-	3724	11230
24(	2)					
	1.2		12/14/08-12/17/908 H	-	3730	10830
B	0.5	(8140- 6)	1/15/16-01/20/916 R	-	3410	10958
25(	0)					
26(	3)					
	2.6		12/21/32-12/24/932 A	SW 2- 9	3430	9658
	2.6		2/14/38-02/19/938 A	SW 2-17	3456	9615
	1.9		2/16/11-02/18/911 H	-	3627	9923
27(	11)					
	3.4		12/31/96-01/03/897 A	UMV 2- 1	3412	9200
	3.2		1/22/49-01/27/949 A	SW 3-10	3552	9219
	3.1		12/26/42-12/28/942 A	UMV 3-22	3738	9133
	3.0		1/01/07-01/03/907 A	LMV 1- 5	3422	9249
	3.0		12/12/27-12/13/927 A	LMV 1-16	3529	9353
28(	7)					
	2.4		12/04/24-12/08/924 A	OR 4-18	3713	8615
	2.4		1/05/37-01/25/937 A	OR 5- 6	3607	8833
	2.2		12/07/16-12/08/916 A	UMV 3- 2	3754	8950
	2.1		1/04/17-01/05/917 A	UMV 3- 3	3840	8732
	1.9		12/27/22-12/27/922 A	UMV 3-10	3800	8855
29(	1)					
	2.6		2/23/75-02/25/875 H	-	3533	8330
30(	1)					
	1.9		2/03/20-02/06/920 H	-	3701	7639
31(	2)					
	2.7		2/[illegible]-02/08/937 H	-	3300	11635
	2.0		1/24/[illegible]e-01/29/916 H	-	3310	11641
32(	4)					
	1.0		2/01/05-02/07/905 H	-	3321	11101
	0.9		1/14/16-01/20/916 H	-	3355	11120
	0.8		12/17/14-12/24/914 H	-	3323	11100
	0.8		12/01/06-12/04/906 H	-	3134	11019
33(	0)					
34(	1)					
	3.0		12/08/11-12/10/911 H	-	3117	10038
35(	2)					
	3.2		12/[illegible]5/35-12/08/935 A	GM 5- 4	2954	9537
	3.0		12/[illegible]3-12/05/913 A	GM 3-25	2952	9757
36(	9)					
	4.6		2/11/27-02/14/927 A	LMV 4- 6	3052	9100
	4.5		2/27/34-03/04/934 A	LMV 4-19	3050	9316
	3.9		12/08/99-12/11/899 A	LMV 2- 6	3358	9059
	3.2		2/28/27-03/01/927 A	LMV 4- 7	2945	9049
	3.0		1/11/32-01/13/932 A	LMV 4-16	3152	9217
37(	5)					
	4.7		12/27/42-12/30/942 H	-	3351	8620
	3.3		1/[illegible]3-01/19/943 A	SA 3-24	3121	8632
	2.9		12/[illegible]9-12/10/919 A	GM 1-22	3225	8702
	2.5		2/[illegible]36-02/25/936 H	-	3221	8840
	1.8		12/[illegible]32-12/14/932 A	GM 2-11	3246	8922
38(	4)					
	3.7		12/03/64-12/05/964 H	-	3107	8325
	3.5		1/31/20-02/02/920 H	-	2951	8120
	2.4		12/23/41-12/24/941 H	-	3212	8329
	2.0		2/10/05-02/13/905 A	SA 3- 9	3214	8425
39(	0)					
40(	0)					

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



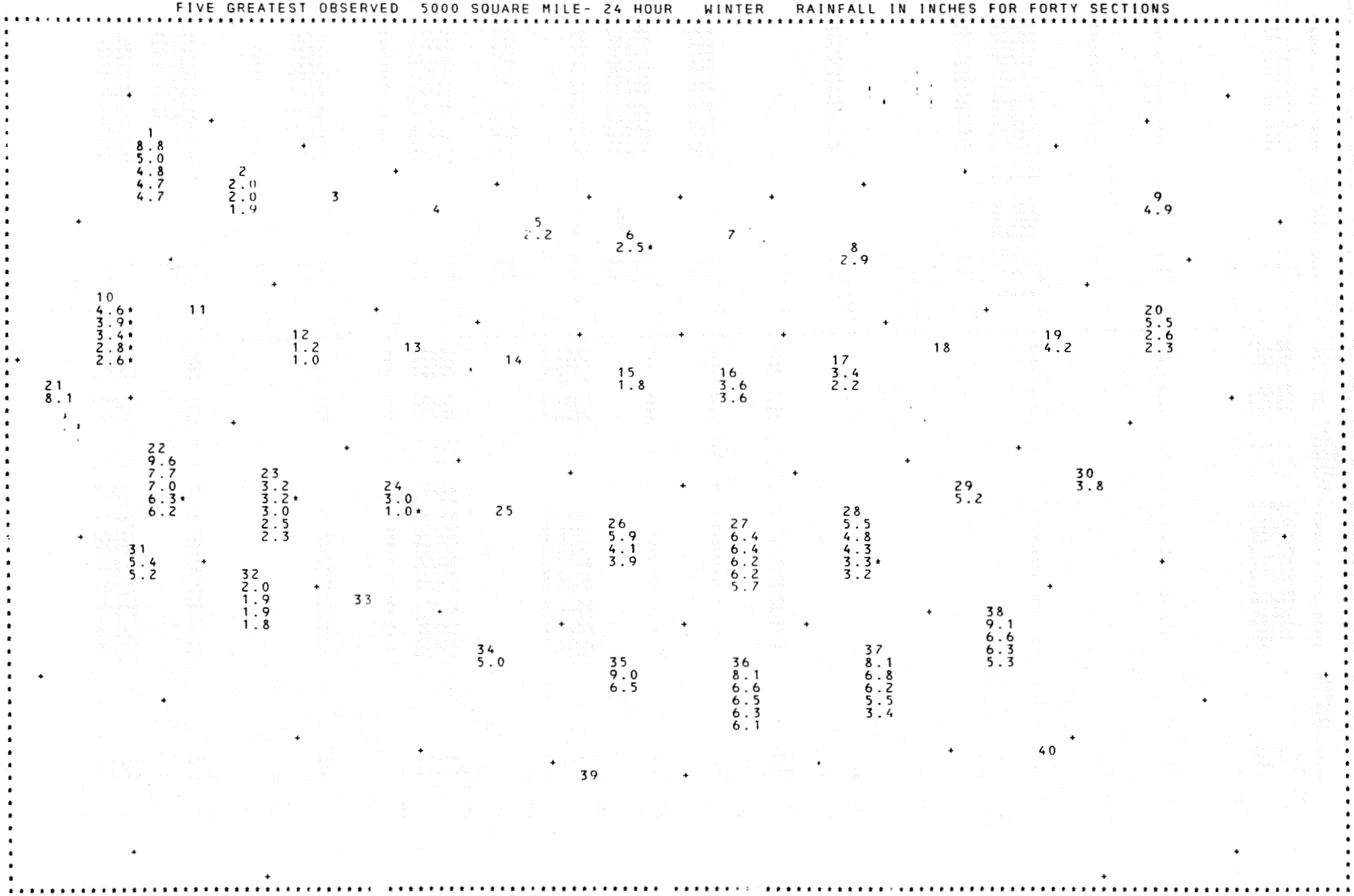
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	9)					
	6.4		1/20/35-01/25/935 H	-	4730	12330
	3.2		1/20/35-01/25/935 H	-	4700	12200
	2.9		2/23/32-02/27/932 H	-	4804	12134
	2.9		12/08/21-12/13/921 H	-	4730	12330
	2.9		12/08/21-12/13/921 H	-	4804	12134
3(	0)					
5(	1)					
	1.4		2/12/15-02/14/915 H	-	4442	10004
7(	0)					
9(	1)					
	3.0		12/25/69-12/28/969 H	-	4416	7118
11(	0)					
13(	0)					
15(	0)					
17(	2)					
	2.3		12/20/49-12/21/949 H	-	4027	8824
	1.5		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(	1)					
	3.4		2/02/83-02/18/883 A OR	5-11	4142	7716
21(	1)					
	5.2		12/09/37-12/12/937 H	-	3851	12243
23(	6)					
	3.2		2/26/38-03/04/938 H	-	3457	11144
	2.2		12/14/08-12/17/908 H	-	3422	11125
	2.0		2/04/37-02/08/937 H	-	3458	11145
	1.8		2/28/38-03/05/938 H	-	3724	11230
	1.5		2/10/27-02/22/927 H	-	3419	11127
25(	0)					
27(	11)					
	4.8		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	4.8		12/12/27-12/13/927 A LMV	1-16	3529	9350
	4.6		1/22/49-01/27/949 A SW	3-10	3552	9219
	4.5		12/26/42-12/28/942 A UMV	3-22	3738	9133
	4.4		12/31/96-01/03/897 A UMV	2- 1	3412	9200
29(	1)					
	3.5		2/23/75-02/25/875 H	-	3533	8330
31(	2)					
	4.4		2/04/37-02/08/937 H	-	3300	11635
	3.4		1/24/16-01/29/916 H	-	3310	11641
33(	0)					
35(	2)					
	5.3		12/05/35-12/08/935 A GM	5- 4	2954	9537
	4.8		12/01/13-12/05/913 A GM	3-25	2952	9757
37(	5)					
	7.1		12/27/42-12/30/942 H	-	3351	8620
	5.2		1/16/43-01/19/943 A SA	3-24	3121	8632
	4.7		12/06/19-12/10/919 A GM	1-22	3225	8702
	3.9		2/01/36-02/05/936 H	-	3221	8840
	2.6		12/08/32-12/14/932 A GM	2-11	3246	8922
39(	0)					

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)					
	1.6		12/17/33-12/19/933 H	-	4721	11540
	1.4		1/21/35-01/24/935 H	-	4720	11540
	1.3		12/18/33-12/23/933 H	-	4729	11555
4(	0)					
6(	1)					
	2.2		1/09/39-01/10/939 H	-	4429	9857
8(	1)					
	1.9		2/19/22-02/23/922 A GL	4-17	4419	8417
10(	6)					
B	2.7(25055- 12)		12/29/13-01/02/914 H	-	4000	12200
B	2.4(25055- 12)		12/09/37-12/12/937 H	-	4000	12200
B	2.0(25055- 12)		2/25/40-02/29/940 H	-	4000	12200
B	1.8(25055- 12)		1/12/06-01/19/906 H	-	4000	12200
B	1.6(25055- 12)		12/09/29-12/13/929 H	-	4000	12200
12(	2)					
	0.9		2/01/36-02/03/936 H	-	4036	11136
	0.8		2/19/36-02/24/936 H	-	4036	11136
14(	0)					
16(	2)					
	2.7		1/23/38-01/25/938 H	-	4037	9004
	2.0		1/11/60-01/15/960 H	-	4225	9026
18(	0)					
20(	3)					
	2.9		12/29/48-01/01/949 H	-	4240	7319
	2.2		12/19/36-12/21/936 A NA	1-30	4144	7134
	1.8		12/28/42-12/31/942 H	-	4250	7438
22(	9)					
	5.6		2/26/38-03/04/938 H	-	3414	11711
	5.3		1/19/43-01/24/943 H	-	3413	11802
	4.1		12/29/33-01/01/934 H	-	3413	11801
	3.6(10000- 12)		2/10/27-02/22/927 H	-	3404	11650
	3.6		1/14/16-01/19/916 H	-	3415	11716
24(	2)					
	2.0		12/14/08-12/17/908 H	-	3730	10830
B	0.8(8140- 12)		1/15/16-01/20/916 R	-	3410	10958
26(	3)					
	3.5		12/21/32-12/24/932 A SW	2- 9	3430	9658
	3.5		2/14/38-02/19/938 A SW	2-17	3456	9615
	2.6		2/16/11-02/18/911 H	-	3627	9923
28(	7)					
	3.4		12/04/24-12/08/924 A OR	4-18	3713	8615
	3.4		1/05/37-01/25/937 A OR	5- 6	3607	8833
	2.9		12/07/16-12/08/916 A UMV	3- 2	3754	8950
	2.7		1/04/17-01/05/917 A UMV	3- 3	3840	8732
	2.6		12/27/22-12/27/922 A UMV	3-10	3800	8855
30(	1)					
	2.7		2/03/20-02/06/920 H	-	3701	7639
32(	4)					
	1.3		2/01/05-02/07/905 H	-	3321	11101
	1.3		12/01/06-12/04/906 H	-	3134	11019
	1.2		1/14/16-01/20/916 H	-	3355	11120
	1.1		12/17/14-12/24/914 H	-	3323	11100
34(	1)					
	4.3		12/08/11-12/10/911 H	-	3117	10038
36(	9)					
	5.2		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	5.2		2/11/27-02/14/927 A LMV	4- 6	3052	9100
	5.0		2/27/34-03/04/934 A LMV	4-19	3050	9316
	4.9		12/23/04-12/27/904 A LMV	3-10	3220	9252
	4.7		1/11/32-01/13/932 A LMV	4-16	3152	9217
38(	4)					
	6.0		12/03/64-12/05/964 H	-	3107	8325
	4.5		1/31/20-02/02/920 H	-	2951	8120
	4.4		12/23/41-12/24/941 H	-	3212	8329
	3.7		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(	0)					

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



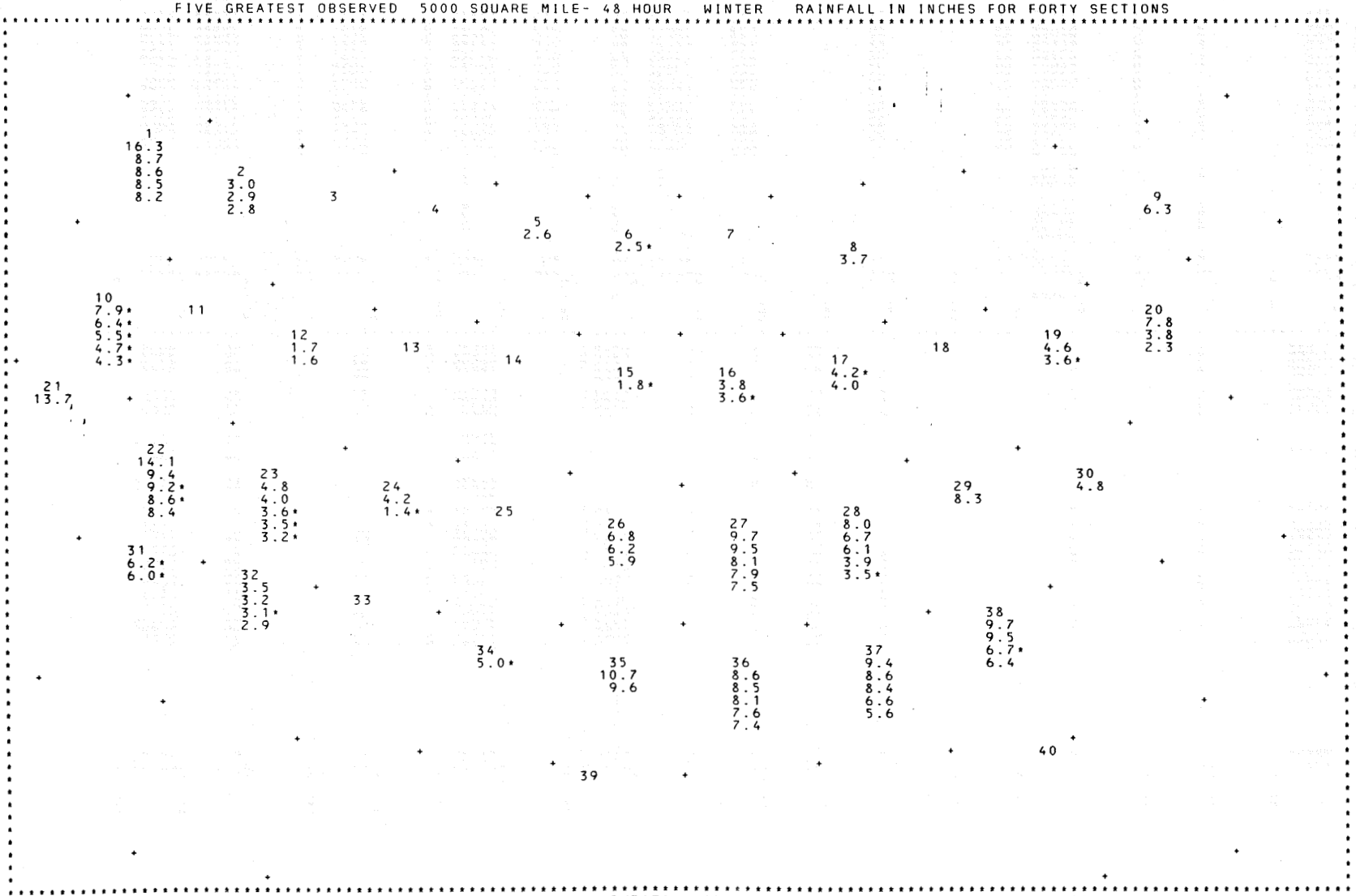
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	9)					
	8.8		1/20/35-01/25/935 H	-	4730	12330
	5.0		1/20/35-01/25/935 H	-	4700	12200
	4.8		12/16/31-12/19/931 H	-	4730	12330
	4.7		12/08/21-12/13/921 H	-	4804	12134
	4.7		2/23/32-02/27/932 H	-	4804	12134
3(	0)					
5(	1)					
	2.2		2/12/15-02/14/915 H	-	4442	10004
7(	0)					
9(	1)					
	4.9		12/25/69-12/28/969 H	-	4416	7118
11(	0)					
13(	0)					
15(	1)					
	1.8		12/30/31-12/30/931 H	-	4133	9608
17(	2)					
	3.4		12/20/49-12/21/949 H	-	4027	8824
	2.2		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(	1)					
	4.2		2/02/83-02/18/883 A DR	5-11	4142	7716
21(	1)					
	8.1		12/09/37-12/12/937 H	-	3851	12243
23(	6)					
	3.2		12/14/08-12/17/908 H	-	3422	11125
	3.2(	5000- 18)	2/26/38-03/04/938 H	-	3457	11144
	3.0		2/04/37-02/08/937 H	-	3458	11145
	2.5		2/28/38-03/05/938 H	-	3724	11230
	2.3		2/10/27-02/22/927 H	-	3419	11127
25(	0)					
27(	11)					
	6.4		12/12/27-12/13/927 A LMV	1-16	3529	9350
	6.4		1/18/35-01/21/935 A LMV	1-19	3450	9000
	6.2		1/01/07-01/03/907 A LMV	1- 5	3422	9249
	6.2		1/22/49-01/27/949 A SW	3-10	3552	9219
	5.7		12/16/95-12/20/895 A MR	1- 1	3728	9247
29(	1)					
	5.2		2/23/75-02/25/875 H	-	3533	8330
31(	2)					
	5.4		2/04/37-02/08/937 H	-	3300	11635
	5.2		1/24/16-01/29/916 H	-	3310	11641
33(	0)					
35(	2)					
	9.0		12/05/35-12/08/935 A GM	5- 4	2956	9537
	6.5		12/01/13-12/05/913 A GM	3-25	2952	9757
37(	5)					
	8.1		12/27/42-12/30/942 H	-	3351	8620
	6.8		1/16/43-01/19/943 A SA	3-24	3121	8632
	6.2		12/06/19-12/10/919 A GM	1-22	3225	8702
	5.5		2/01/36-02/05/936 H	-	3221	8840
	3.4		12/08/32-12/14/932 A GM	2-11	3246	8922
39(	0)					

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)					
	2.0		12/18/33-12/23/933 H	-	4729	11555
	2.0		1/21/35-01/24/935 H	-	4720	11540
	1.9		12/17/33-12/19/933 H	-	4721	11540
4(	0)					
6(	1)					
	2.5(	5000- 18)	1/09/39-01/10/939 H	-	4429	9857
8(	1)					
	2.9		2/19/22-02/23/922 A GL	4-17	4419	8417
10(	6)					
B	4.6(	25055- 24)	12/09/37-12/12/937 H	-	4000	12200
B	3.9(	25055- 24)	12/29/13-01/02/914 H	-	4000	12200
B	3.4(	25055- 24)	2/25/40-02/29/940 H	-	4000	12200
B	2.8(	25055- 24)	1/12/06-01/19/906 H	-	4000	12200
B	2.6(	25055- 24)	12/09/29-12/13/929 H	-	4000	12200
12(	2)					
	1.2		2/01/36-02/03/936 H	-	4036	11136
	1.0		2/19/36-02/24/936 H	-	4036	11136
14(	0)					
16(	2)					
	3.6		1/23/38-01/25/938 H	-	4037	9004
	3.6		1/11/60-01/15/960 H	-	4225	9026
18(	0)					
20(	3)					
	5.5		12/29/48-01/01/949 H	-	4240	7319
	2.6		12/28/42-12/31/942 H	-	4250	7438
	2.3		12/19/36-12/21/936 A NA	1-30	4144	7134
22(	9)					
	9.6		1/19/43-01/24/943 H	-	3413	11802
	7.7		2/26/38-03/04/938 H	-	3414	11711
	7.0		12/29/33-01/01/934 H	-	3413	11801
	6.3(	10000- 24)	2/10/27-02/22/927 H	-	3404	11650
	6.2		1/14/16-01/19/916 H	-	3415	11716
24(	2)					
	3.0		12/14/08-12/17/908 H	-	3730	10830
B	1.0(	8140- 24)	1/15/16-01/20/916 R	-	3410	10958
26(	3)					
	5.9		12/21/32-12/24/932 A SW	2- 9	3430	9658
	4.1		2/16/11-02/18/911 H	-	3627	9923
	3.9		2/14/38-02/19/938 A SW	2-17	3456	9615
28(	7)					
	5.5		12/04/24-12/08/924 A OR	4-18	3713	8615
	4.8		1/05/37-01/25/937 A OR	5- 6	3607	8833
	4.3		1/27/57-02/02/957 H	-	3529	8627
	3.3(	5000- 18)	12/07/16-12/08/916 A UMV	3- 2	3754	8950
	3.2		1/04/17-01/05/917 A UMV	3- 3	3840	8732
30(	1)					
	3.8		2/03/20-02/06/920 H	-	3701	7639
32(	4)					
	2.0		12/01/06-12/04/906 H	-	3134	11019
	1.9		12/17/14-12/24/914 H	-	3323	11100
	1.9		1/14/16-01/20/916 H	-	3355	11120
	1.8		2/01/05-02/07/905 H	-	3321	11101
34(	1)					
	5.0		12/08/11-12/10/911 H	-	3117	10038
36(	10)					
	8.1		12/23/04-12/27/904 A LMV	3-10	3220	9252
	6.6		2/27/34-03/04/934 A LMV	4-19	3050	9316
	6.5		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	6.3		1/04/99-01/06/899 A LMV	3- 7	3238	9002
	6.1		2/11/27-02/14/927 A LMV	4- 6	3052	9100
38(	4)					
	9.1		12/03/64-12/05/964 H	-	3107	8325
	6.6		12/23/41-12/24/941 H	-	3212	8329
	6.3		1/31/20-02/02/920 H	-	2951	8120
	5.3		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(	0)					

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



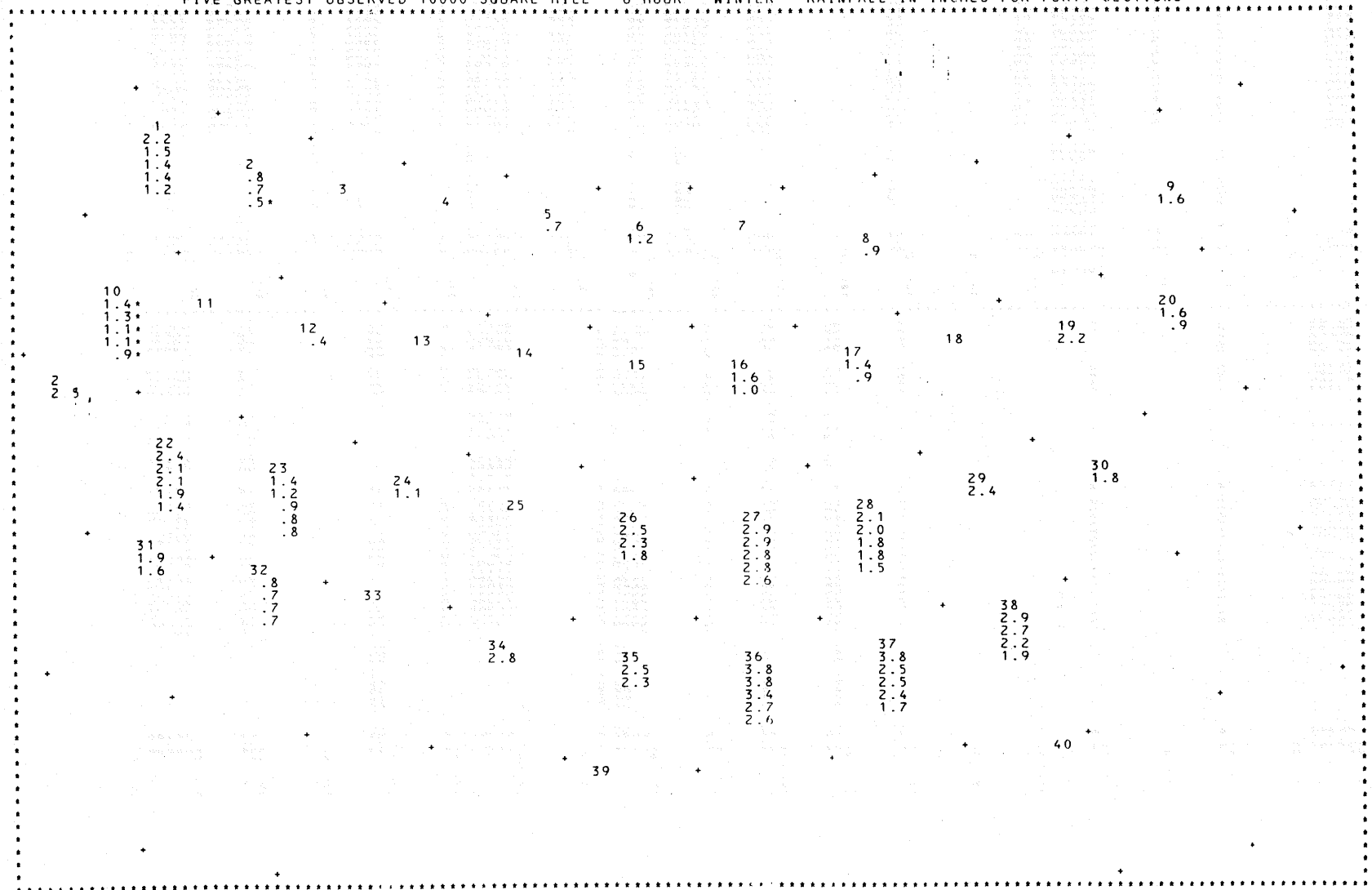
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	9)							
	16.3		1/20/35-01/25/935	H	-		4730	12330
	8.7		12/08/21-12/13/921	H	-		4730	12330
	8.6		12/08/21-12/13/921	H	-		4804	12134
	8.5		1/20/35-01/25/935	H	-		4700	12200
	8.2		12/16/31-12/19/931	H	-		4730	12330
3(	0)							
5(	1)							
	2.6		2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	6.3		12/25/69-12/28/969	H	-		4416	7118
11(	0)							
13(	0)							
15(	1)							
	1.8(	5000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	4.2(	5000- 36)	12/20/49-12/21/949	H	-		4027	8824
	4.0		12/16/95-12/21/895	A	GL	2- 8	4157	8538
19(	2)							
	4.6		2/02/83-02/18/883	A	OR	5-11	4142	7716
	3.6(	7904- 36)	1/11/15-01/13/915	H	-		3947	7721
21(	1)							
	13.7		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	4.8		12/14/08-12/17/908	H	-		3422	11125
	4.0		2/10/27-02/22/927	H	-		3419	11127
	3.6(	5000- 42)	1/25/16-01/30/916	H	-		3442	11214
	3.5(	5000- 42)	2/04/37-02/08/937	H	-		3458	11145
	3.2(	5000- 18)	2/26/38-03/04/938	H	-		3457	11144
25(	0)							
27(	11)							
	9.7		1/18/35-01/21/935	A	LMV	1-19	3450	9000
	9.5		12/16/95-12/20/895	A	MR	1- 1	3728	9247
	8.1		1/06/30-01/11/930	A	LMV	2-22	3407	9303
	7.9		1/22/49-01/27/949	A	SW	3-10	3552	9219
	7.5		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
29(	1)							
	8.3		2/23/75-02/25/875	H	-		3533	8330
31(	2)							
	6.2(	5000- 42)	1/24/16-01/29/916	H	-		3310	11641
	6.0(	5000- 42)	2/04/37-02/08/937	H	-		3300	11635
33(	0)							
35(	2)							
	10.7		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	9.6		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	9.4		12/06/19-12/10/919	A	GM	1-22	3225	8702
	8.6		12/27/42-12/30/942	H	-	-	3351	8620
	8.4		1/16/43-01/19/943	A	SA	3-24	3121	8632
	6.6		2/01/36-02/05/936	H	-	-	3221	8840
	5.6		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	3)							
	3.0		1/21/35-01/24/935	H	-		4720	11540
	2.9		12/17/33-12/19/933	H	-		4721	11540
	2.8		12/18/33-12/23/933	H	-		4729	11555
4(	0)							
6(	1)							
	2.5(	5000- 18)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	3.7		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	6)							
B	7.9(	25055- 48)	12/09/37-12/12/937	H	-		4000	12200
B	6.4(	25055- 48)	2/25/40-02/29/940	H	-		4000	12200
B	5.5(	25055- 48)	12/29/13-01/02/914	H	-		4000	12200
B	4.7(	25055- 48)	1/12/09-01/16/909	H	-		4000	12200
B	4.3(	25055- 48)	1/12/06-01/19/906	H	-		4000	12200
12(	2)							
	1.7		2/19/36-02/24/936	H	-		4036	11136
	1.6		2/01/36-02/03/936	H	-		4036	11136
14(	0)							
16(	2)							
	3.8		1/11/60-01/15/960	H	-		4225	9026
	3.6(	5000- 30)	1/23/38-01/25/938	H	-		4037	9004
18(	0)							
20(	3)							
	7.8		12/29/48-01/01/949	H	-		4240	7319
	3.8		12/28/42-12/31/942	H	-		4250	7438
	2.3		12/19/36-12/21/936	A	MA	1-30	4144	7134
22(	9)							
	14.1		1/19/43-01/24/943	H	-		3413	11802
	9.4		2/26/38-03/04/938	H	-		3411	11711
	9.2(	5000- 42)	1/14/16-01/19/916	H	-		3415	11716
	8.6(	10000- 48)	2/10/27-02/22/927	H	-		3404	11650
	8.4		12/17/21-12/27/921	H	-		3415	11806
24(	2)							
	4.2		12/14/08-12/17/908	H	-		3730	10830
B	1.4(	8140- 48)	1/15/16-01/20/916	R	-		3410	10958
26(	3)							
	6.8		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	6.2		2/14/38-02/19/938	A	SW	2-17	3456	9615
	5.9		2/16/11-02/18/911	H	-		3627	9923
28(	7)							
	8.0		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	6.7		12/04/24-12/08/924	A	OR	4-18	3713	8615
	6.1		1/27/57-02/02/957	H	-		3529	8627
	3.9		1/21/20-01/24/920	A	OR	6-23	3415	8900
	3.5(	5000- 36)	1/04/17-01/05/917	A	LMV	3- 3	3840	8732
30(	1)							
	4.8		2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	3.5		12/01/06-12/04/906	H	-		3134	11019
	3.2		2/01/05-02/07/905	H	-		3321	11101
	3.1(	5000- 42)	1/14/16-01/20/916	H	-		3355	11120
	2.9		12/17/14-12/24/914	H	-		3323	11100
34(	1)							
	5.0(	5000- 24)	12/08/11-12/10/911	H	-		3117	10038
36(	10)							
	8.6		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	8.5		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	8.1		1/04/99-01/06/899	A	LMV	3- 7	3238	9002
	7.6		2/27/34-03/04/934	A	LMV	4-19	3050	9316
	7.4		12/01/97-12/04/897	A	LMV	2- 3	3217	9011
38(	4)							
	9.7		12/03/64-12/05/964	H	-		3107	8325
	9.5		1/31/20-02/02/920	H	-		2951	8120
	6.7(	5000- 30)	12/23/41-12/24/941	H	-		3212	8329
	6.4		2/10/05-02/13/905	A	SA	3- 9	3214	8425
40(	0)							

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



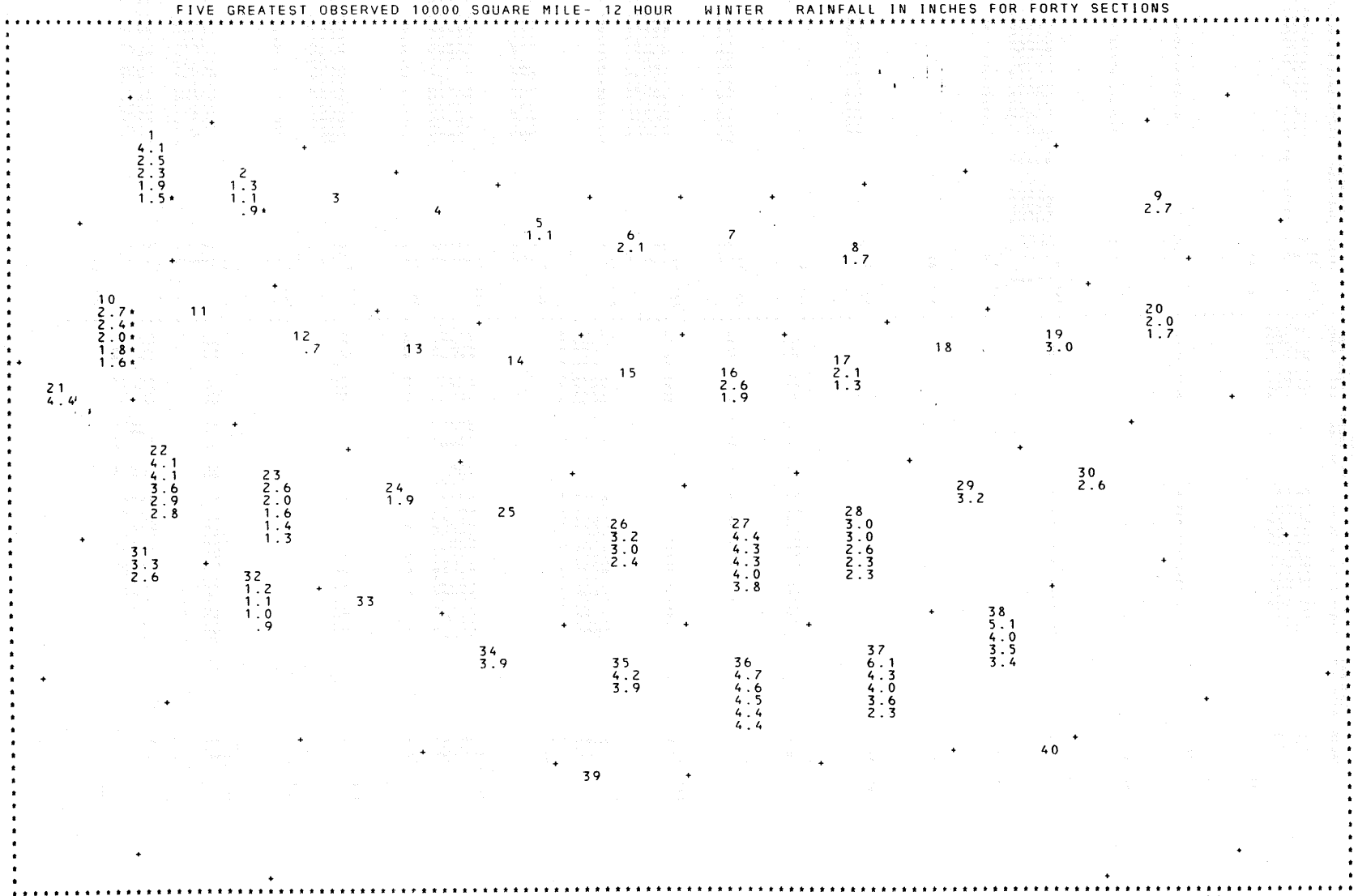
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 6 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(6)	2.2		1/20/35-01/25/935 H	-	4730	12330
	1.5		12/08/33-12/12/933 H	-	4729	12339
	1.4		1/20/35-01/25/935 H	-	4700	12200
	1.4		2/23/32-02/27/932 H	-	4804	12134
	1.2		12/16/17-12/19/917 H	-	4548	12156
3(0)						
5(1)	0.7		2/12/15-02/14/915 H	-	4442	10004
7(0)						
9(1)	1.6		12/25/69-12/28/969 H	-	4416	7118
11(0)						
13(0)						
15(0)						
17(2)	1.4		12/20/49-12/21/949 H	-	4027	8824
	0.9		12/16/95-12/21/895 A GL	2- 8	4157	8538
19(1)	2.2		2/02/83-02/18/883 A OR	5-11	4142	7716
21(1)	2.5		12/09/37-12/12/937 H	-	3851	12243
23(6)	1.4		2/26/38-03/04/938 H	-	3457	11144
	1.2		12/14/08-12/17/908 H	-	3422	11125
	0.9		2/10/27-02/22/927 H	-	3419	11127
	0.8		2/04/37-02/08/937 H	-	3458	11145
	0.8		1/25/16-01/30/916 H	-	3442	11214
25(0)						
27(11)	2.9		12/12/27-12/13/927 A LMV	1-16	3529	9350
	2.9		1/22/49-01/27/949 A SW	3-10	3552	9219
	2.8		12/26/42-12/28/942 A UMV	3-22	3738	9133
	2.8		12/31/96-01/03/897 A UMV	2- 1	3412	9200
	2.6		1/01/07-01/03/907 A LMV	1- 5	3422	9249
29(1)	2.4		2/23/75-02/25/875 H	-	3533	8330
31(2)	1.9		2/04/37-02/08/937 H	-	3300	11635
	1.6		1/24/16-01/29/916 H	-	3310	11641
33(0)						
35(2)	2.5		12/05/35-12/08/935 A GM	5- 4	2954	9537
	2.3		12/01/13-12/05/913 A GM	3-25	2952	9757
37(5)	3.8		12/27/42-12/30/942 H	-	3351	8620
	2.5		12/06/19-12/10/919 A GM	1-22	3225	8702
	2.5		1/16/43-01/19/943 A SA	3-24	3121	8632
	2.4		2/01/36-02/05/936 H	-	3221	8840
	1.7		12/08/32-12/14/932 A GM	2-11	3246	8922
39(0)						

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(3)	0.8		12/17/33-12/19/933 H	-	4721	11540
	0.7		1/21/35-01/24/935 H	-	4720	11540
	0.5(11784- 6)		12/18/33-12/23/933 H	-	4729	11555
4(0)						
6(1)	1.2		1/09/39-01/10/939 H	-	4429	9857
8(1)	0.9		2/19/22-02/23/922 A GL	4-17	4419	8417
10(6)	B 1.4(25055- 6)		12/29/13-01/02/914 H	-	4000	12200
	B 1.3(25055- 6)		12/09/37-12/12/937 H	-	4000	12200
	B 1.1(25055- 6)		12/09/29-12/13/929 H	-	4000	12200
	B 1.1(25055- 6)		2/25/40-02/29/940 H	-	4000	12200
	B 0.9(25055- 6)		1/12/06-01/19/906 H	-	4000	12200
12(1)	0.4		2/19/36-02/24/936 H	-	4036	11136
14(0)						
16(2)	1.6		1/23/38-01/25/938 H	-	4037	9004
	1.0		1/11/60-01/15/960 H	-	4225	9026
18(0)						
20(2)	1.6		12/19/36-12/21/936 A NA	1-30	4144	7134
	0.9		12/28/42-12/31/942 H	-	4250	7438
22(9)	2.4		1/19/43-01/24/943 H	-	3413	11802
	2.1		2/26/38-03/04/938 H	-	3414	11711
	2.1		2/10/27-02/22/927 H	-	3404	11650
	1.9		1/14/16-01/19/916 H	-	3415	11716
	1.4		2/17/14-02/22/914 H	-	3418	11807
24(1)	1.1		12/14/08-12/17/908 H	-	3730	10830
26(3)	2.5		2/14/38-02/19/938 A SW	2-17	3456	9615
	2.3		12/21/32-12/24/932 A SW	2- 9	3430	9658
	1.8		2/16/11-02/18/911 H	-	3627	9923
28(7)	2.1		1/05/37-01/25/937 A OR	5- 6	3607	8833
	2.0		12/04/24-12/08/924 A OR	4-18	3713	8615
	1.8		12/07/16-12/08/916 A UMV	3- 2	3754	8950
	1.8		1/04/17-01/05/917 A UMV	3- 3	3840	8732
	1.5		12/27/22-12/27/922 A UMV	3-10	3800	8855
30(1)	1.8		2/03/20-02/06/920 H	-	3701	7639
32(4)	0.8		2/01/05-02/07/905 H	-	3321	11101
	0.7		12/01/06-12/04/906 H	-	3134	11019
	0.7		12/17/14-12/24/914 H	-	3323	11100
	0.7		1/14/16-01/20/916 H	-	3355	11120
34(1)	2.8		12/08/11-12/10/911 H	-	3117	10038
36(8)	3.8		2/11/27-02/14/927 A LMV	4- 6	3052	9100
	3.8		2/27/34-03/04/934 A LMV	4-19	3050	9316
	3.4		12/08/99-12/11/899 A LMV	2- 4	3158	9059
	2.7		1/11/32-01/13/932 A LMV	4-16	3152	9217
	2.6		12/23/04-12/27/904 A LMV	3-10	3220	9252
38(4)	2.9		12/03/64-12/05/964 H	-	3107	8325
	2.7		1/31/20-02/02/920 H	-	2951	8120
	2.2		12/23/41-12/24/941 H	-	3212	8329
	1.9		2/10/05-02/13/905 A SA	3- 9	3214	8425
40(0)						

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



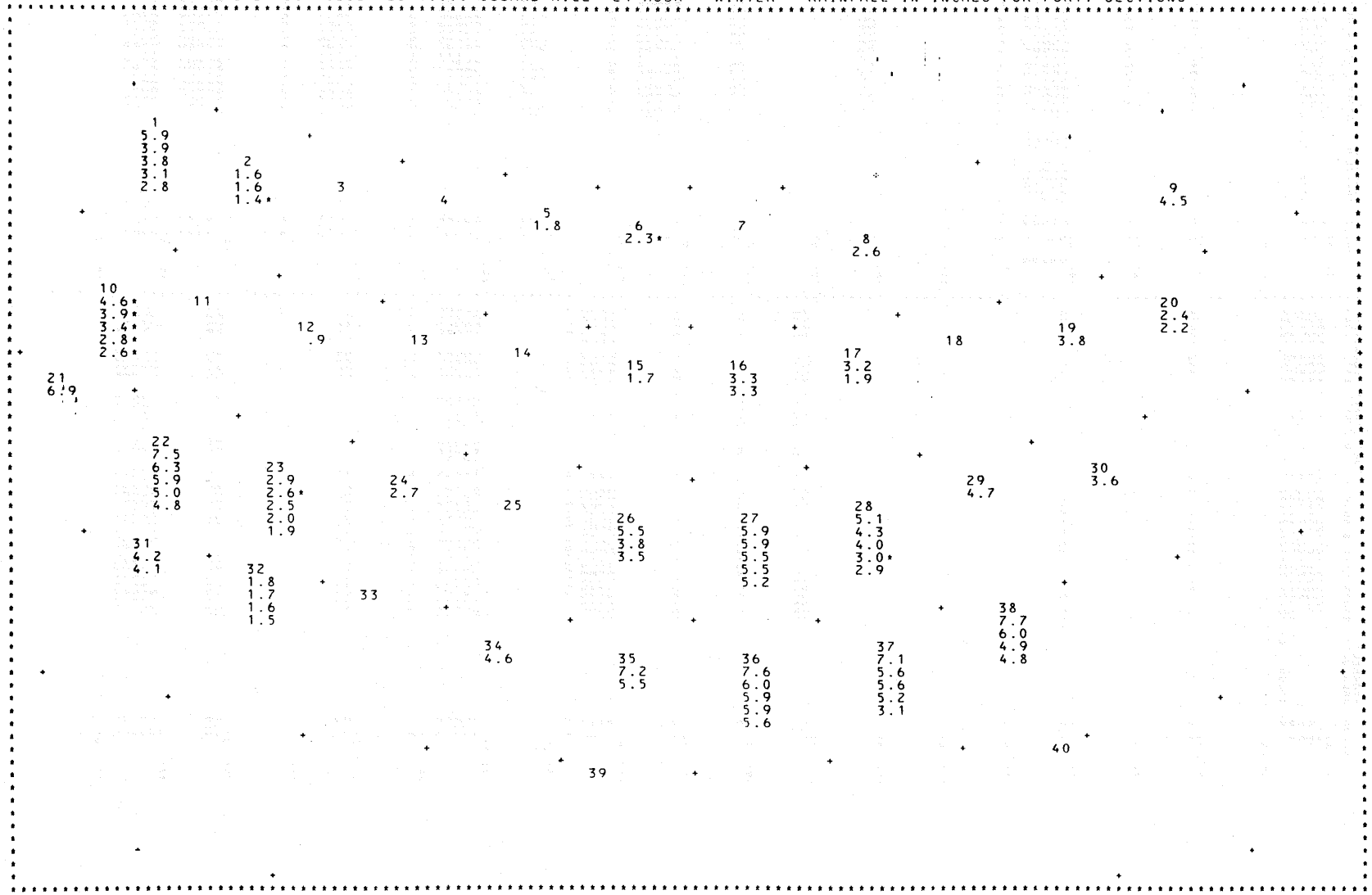
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 12 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	6)							
	4.1		1/20/35-01/25/935	H	-		4730	12330
	2.5		1/20/35-01/25/935	H	-		4700	12200
	2.3		2/23/32-02/27/932	H	-		4804	12134
	1.9		12/16/17-12/19/917	H	-		4548	12156
	1.5(	10000- 6)	12/08/33-12/12/933	H	-		4729	12339
3(	0)							
5(	1)							
	1.1		2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	2.7		12/25/69-12/28/969	H	-		4416	7118
11(	0)							
13(	0)							
15(	0)							
17(	2)							
	2.1		12/20/49-12/21/949	H	-		4027	8824
	1.3		12/16/95-12/21/895	A	GL	2- 8	4157	8538
19(	1)							
	3.0		2/02/83-02/18/883	A	OR	5-11	4142	7716
21(	1)							
	4.4		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	2.6		2/26/38-03/04/938	H	-		3457	11144
	2.0		12/14/08-12/17/908	H	-		3422	11125
	1.6		2/04/37-02/08/937	H	-		3458	11145
	1.4		2/28/38-03/05/938	H	-		3724	11230
	1.3		1/25/16-01/30/916	H	-		3442	11214
25(	0)							
27(	11)							
	4.4		12/12/27-12/13/927	A	LMV	1-16	3529	9350
	4.3		1/01/07-01/03/907	A	LMV	1- 5	3422	9249
	4.3		1/22/49-01/27/949	A	SW	3-10	3552	9219
	4.0		12/26/42-12/28/942	A	UMV	3-22	3738	9133
	3.8		12/16/95-12/20/895	A	MR	1- 1	3728	9247
29(	1)							
	3.2		2/23/75-02/25/875	H	-		3533	8330
31(	2)							
	3.3		2/04/37-02/08/937	H	-		3300	11635
	2.6		1/24/16-01/29/916	H	-		3310	11641
33(	0)							
35(	2)							
	4.2		12/05/35-12/08/935	A	GM	5- 4	2954	9537
	3.9		12/01/13-12/05/913	A	GM	3-25	2952	9757
37(	5)							
	6.1		12/27/42-12/30/942	H	-		3351	8620
	4.3		1/16/43-01/19/943	A	SA	3-24	3121	8632
	4.0		12/06/19-12/10/919	A	GM	1-22	3225	8702
	3.6		2/01/36-02/05/936	H	-		3221	8840
	2.3		12/08/32-12/14/932	A	GM	2-11	3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	3)							
	1.3		12/17/33-12/19/933	H	-		4721	11540
	1.1		1/21/35-01/24/935	H	-		4720	11540
	0.9(	11784- 12)	12/18/33-12/23/933	H	-		4729	11555
4(	0)							
6(	1)							
	2.1		1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	1.7		2/19/22-02/23/922	A	GL	4-17	4419	8417
10(	6)							
B	2.7(	25055- 12)	12/29/13-01/02/914	H	-		4000	12200
B	2.4(	25055- 12)	12/09/37-12/12/937	H	-		4000	12200
B	2.0(	25055- 12)	2/25/40-02/29/940	H	-		4000	12200
B	1.8(	25055- 12)	1/12/06-01/19/906	H	-		4000	12200
B	1.6(	25055- 12)	12/09/29-12/13/929	H	-		4000	12200
12(	1)							
	0.7		2/19/36-02/24/936	H	-		4036	11136
14(	0)							
16(	2)							
	2.6		1/23/38-01/25/938	H	-		4037	9004
	1.9		1/11/60-01/15/960	H	-		4225	9026
18(	0)							
20(	2)							
	2.0		12/19/36-12/21/936	A	MA	1-30	4144	7134
	1.7		12/28/42-12/31/942	H		-	4250	7438
22(	9)							
	4.1		2/26/38-03/04/938	H	-		3414	11711
	4.1		1/19/43-01/24/943	H	-		3413	11802
	3.6		2/10/27-02/22/927	H	-		3404	11650
	2.9		12/29/33-01/01/934	H	-		3413	11801
	2.8		1/14/16-01/19/916	H	-		3415	11716
24(	1)							
	1.9		12/14/08-12/17/908	H	-		3730	10830
26(	3)							
	3.2		2/14/38-02/19/938	A	SW	2-17	3456	9615
	3.0		12/21/32-12/24/932	A	SW	2- 9	3430	9658
	2.4		2/16/11-02/18/911	H		-	3627	9923
28(	7)							
	3.0		12/04/24-12/08/924	A	OR	4-18	3713	8615
	3.0		1/05/37-01/25/937	A	OR	5- 6	3607	8833
	2.6		12/07/16-12/08/916	A	UMV	3- 2	3754	8950
	2.3		1/04/17-01/05/917	A	UMV	3- 3	3840	8732
	2.3		1/27/57-02/02/957	H		-	3529	8627
30(	1)							
	2.6		2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	1.2		12/01/06-12/04/906	H	-		3134	11019
	1.1		1/14/16-01/20/916	H	-		3355	11120
	1.0		2/01/05-02/07/905	H	-		3321	11101
	0.9		12/17/14-12/24/914	H	-		3323	11100
34(	1)							
	3.9		12/08/11-12/10/911	H	-		3117	10038
36(	8)							
	4.7		12/08/99-12/11/899	A	LMV	2- 4	3158	9059
	4.6		2/11/27-02/14/927	A	LMV	4- 6	3052	9100
	4.5		12/23/04-12/27/904	A	LMV	3-10	3220	9252
	4.4		1/11/32-01/13/932	A	LMV	4-16	3152	9217
	4.4		2/27/34-03/04/934	A	LMV	4-19	3050	9316
38(	4)							
	5.1		12/03/64-12/05/964	H		-	3107	8325
	4.0		12/23/41-12/24/941	H		-	3212	8329
	3.5		2/10/05-02/13/905	A	SA	3- 9	3214	8425
	3.4		1/31/20-02/02/920	H		-	2951	8120
40(	0)							

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



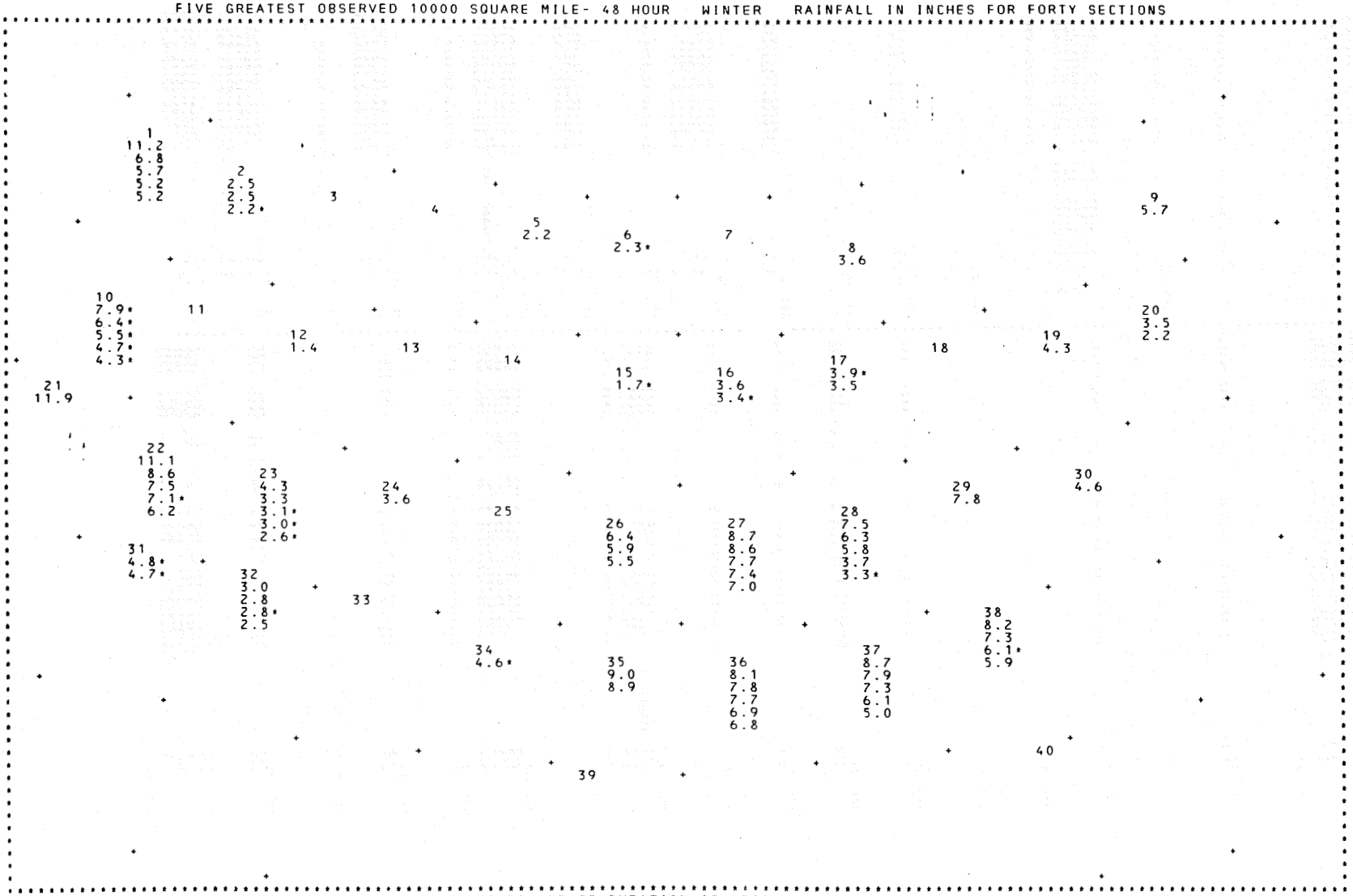
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 24 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	6)						
	5.9		1/20/35-01/25/935	H	-	4730	12330
	5.9		1/20/35-01/25/935	H	-	4700	12200
	3.8		2/23/32-02/27/932	H	-	4804	12134
	3.1		12/16/17-12/19/917	H	-	4548	12156
	2.8		2/23/32-02/27/932	H	-	4730	12330
3(	0)						
5(	1)						
	1.8		2/12/15-02/14/915	H	-	4442	10004
7(	0)						
9(	1)						
	4.5		12/25/69-12/28/969	H	-	4416	7118
11(	0)						
13(	0)						
15(	1)						
	1.7		12/30/31-12/30/931	H	-	4133	9608
17(	2)						
	3.2		12/20/49-12/21/949	H	-	4027	8824
	1.9		12/16/95-12/21/895	A GL	2- 8	4157	8538
19(	1)						
	3.8		2/02/83-02/18/883	A OR	5-11	4142	7716
21(	1)						
	6.9		12/09/37-12/12/937	H	-	3851	12243
23(	6)						
	2.9		12/14/08-12/17/908	H	-	3422	11125
	2.6(	10000- 18)	2/26/38-03/04/938	H	-	3457	11144
	2.5		2/04/37-02/08/937	H	-	3458	11145
	2.0		1/25/16-01/30/916	H	-	3442	11214
	1.9		2/10/27-02/22/927	H	-	3419	11127
25(	0)						
27(	11)						
	5.9		12/12/27-12/13/927	A LMV	1-16	3529	9350
	5.9		1/22/49-01/27/949	A SW	3-10	3552	9219
	5.5		1/18/35-01/21/935	A LMV	1-19	3450	9000
	5.5		1/01/07-01/03/907	A LMV	1- 5	3422	9249
	5.2		12/16/95-12/20/895	A MR	1- 1	3728	9247
29(	1)						
	4.7		2/23/75-02/25/875	H	-	3533	8330
31(	2)						
	4.2		2/04/37-02/08/937	H	-	3300	11635
	4.1		1/24/16-01/29/916	H	-	3310	11641
33(	0)						
35(	2)						
	7.2		12/05/35-12/08/935	A GM	5- 4	2954	9537
	5.5		12/01/13-12/05/913	A GM	3-25	2952	9757
37(	5)						
	7.1		12/27/42-12/30/942	H	-	3351	8620
	5.6		12/06/19-12/10/919	A GM	1-22	3225	8702
	5.6		1/16/43-01/19/943	A SA	3-24	3121	8632
	5.2		2/01/36-02/05/936	H	-	3221	8840
	3.1		12/08/32-12/14/932	A GM	2-11	3246	8922
39(	0)						

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	3)						
	1.6		12/17/33-12/19/933	H	-	4721	11540
	1.6		1/21/35-01/24/935	H	-	4720	11540
	1.4(	11784- 24)	12/18/33-12/23/933	H	-	4729	11555
4(	0)						
6(	1)						
	2.3(	10000- 18)	1/09/39-01/10/939	H	-	4429	9857
8(	1)						
	2.6		2/19/22-02/23/922	A GL	4-17	4419	8417
10(	6)						
B	4.6(	25055- 24)	12/09/37-12/12/937	H	-	4000	12200
B	3.9(	25055- 24)	12/29/13-01/02/914	H	-	4000	12200
B	3.4(	25055- 24)	2/25/40-02/29/940	H	-	4000	12200
B	2.8(	25055- 24)	1/12/06-01/19/906	H	-	4000	12200
B	2.6(	25055- 24)	12/09/29-12/13/929	H	-	4000	12200
12(	1)						
	0.9		2/19/36-02/24/936	H	-	4036	11136
14(	0)						
16(	2)						
	3.3		1/23/38-01/25/938	H	-	4037	9004
	3.3		1/11/60-01/15/960	H	-	4225	9026
18(	0)						
20(	2)						
	2.4		12/28/42-12/31/942	H	-	4250	7438
	2.2		12/19/36-12/21/936	A NA	1-30	4144	7134
22(	9)						
	7.5		1/19/43-01/24/943	H	-	3413	11802
	6.3		2/10/27-02/22/927	H	-	3404	11650
	5.9		2/26/38-03/04/938	H	-	3414	11711
	5.0		12/29/33-01/01/934	H	-	3413	11801
	4.8		1/14/16-01/19/916	H	-	3415	11716
24(	1)						
	2.7		12/14/08-12/17/908	H	-	3730	10830
26(	3)						
	5.5		12/21/32-12/24/932	A SW	2- 9	3430	9658
	3.8		2/16/11-02/18/911	H	-	3627	9923
	3.5		2/14/38-02/19/938	A SW	2-17	3456	9615
28(	7)						
	5.1		12/04/24-12/08/924	A OR	4-18	3713	8615
	4.3		1/05/37-01/25/937	A OR	5- 6	3607	8833
	4.0		1/27/57-02/02/957	H	-	3529	8627
	3.0(	10000- 18)	12/07/16-12/08/916	A UMV	3- 2	3754	8950
	2.9		1/04/17-01/05/917	A UMV	3- 3	3840	8732
30(	1)						
	3.6		2/03/20-02/06/920	H	-	3701	7639
32(	4)						
	1.8		12/01/06-12/04/906	H	-	3134	11019
	1.7		1/14/16-01/20/916	H	-	3355	11120
	1.6		12/17/14-12/24/914	H	-	3323	11100
	1.5		2/01/05-02/07/905	H	-	3321	11101
34(	1)						
	4.6		12/08/11-12/10/911	H	-	3117	10038
36(	9)						
	7.6		12/23/04-12/27/904	A LMV	3-10	3220	9252
	6.0		1/04/99-01/06/899	A LMV	3- 7	3238	9002
	5.9		12/08/99-12/11/899	A LMV	2- 4	3158	9059
	5.9		2/27/34-03/04/934	A LMV	4-19	3050	9316
	5.6		1/11/32-01/13/932	A LMV	4-16	3152	9217
38(	4)						
	7.7		12/03/64-12/05/964	H	-	3107	8325
	6.0		12/23/41-12/24/941	H	-	3212	8329
	4.9		2/10/05-02/13/905	A SA	3- 9	3214	8425
	4.8		1/31/20-02/02/920	H	-	2951	8120
40(	0)						

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS



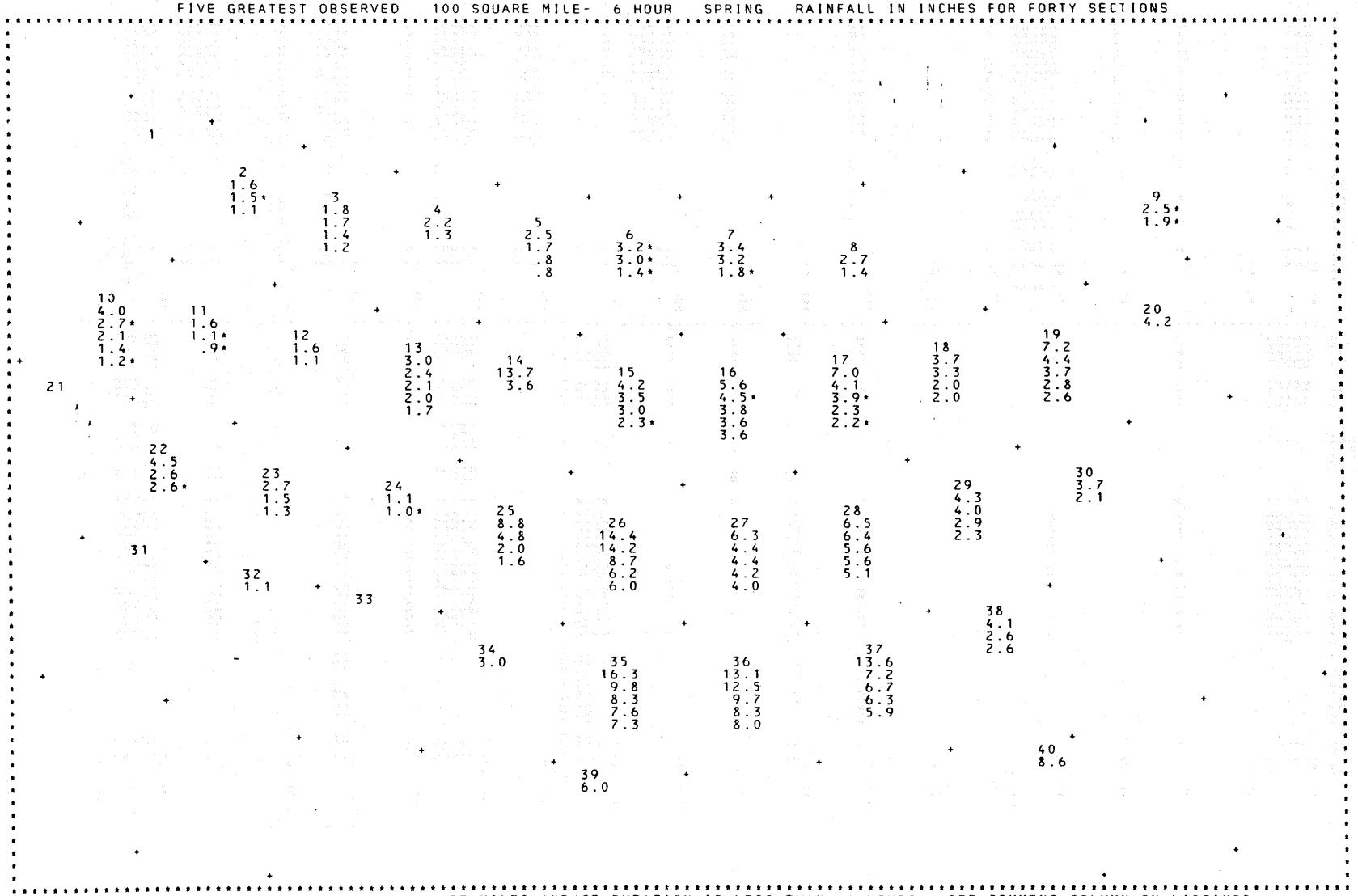
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 48 HOUR WINTER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	6)							
	11.2		1/20/35-01/25/935	H	-		4730	12330
	6.8		1/20/35-01/25/935	H	-		4700	12200
	5.7		12/16/17-12/19/917	H	-		4948	12156
	5.2		2/23/32-02/27/932	H	-		4730	12330
	5.2		2/23/32-02/27/932	H	-		4804	12134
3(	0)							
5(	1)							
	2.2		2/12/15-02/14/915	H	-		4442	10004
7(	0)							
9(	1)							
	5.7		12/25/69-12/28/969	H	-		4416	7118
11(	0)							
13(	0)							
15(	1)							
	1.7(	10000- 24)	12/30/31-12/30/931	H	-		4133	9608
17(	2)							
	3.9(	10000- 36)	12/20/49-12/21/949	H	-		4027	8824
	3.5		12/16/95-12/21/895	A GL	2- 8		4157	8538
19(	1)							
	4.3		2/02/83-02/18/883	A OR	5-11		4142	7716
21(	1)							
	11.9		12/09/37-12/12/937	H	-		3851	12243
23(	6)							
	4.3		12/16/08-12/17/908	H	-		3422	11125
	3.3		2/10/27-02/22/927	H	-		3419	11127
	3.1(	10000- 42)	1/25/16-01/30/916	H	-		3442	11214
	3.0(	10000- 42)	2/04/37-02/08/937	H	-		3458	11145
	2.6(	10000- 18)	2/26/38-03/04/938	H	-		3457	11144
25(	0)							
27(	11)							
	8.7		12/16/95-12/20/895	A MR	1- 1		3728	9247
	8.6		1/18/35-01/21/935	A LMV	1-19		3450	9000
	7.7		1/06/30-01/11/930	A LMV	2-22		3407	9303
	7.4		1/22/49-01/27/949	A SW	3-10		3552	9219
	7.0		1/01/07-01/03/907	A LMV	1- 5		3422	9249
29(	1)							
	7.8		2/23/75-02/25/875	H	-		3533	8330
31(	2)							
	4.8(	10000- 42)	2/04/37-02/08/937	H	-		3300	11635
	4.7(	10000- 42)	1/24/16-01/29/916	H	-		3310	11641
33(	0)							
35(	2)							
	9.0		12/01/13-12/05/913	A GM	3-25		2952	9757
	8.9		12/05/35-12/08/935	A GM	5- 4		2954	9537
37(	5)							
	8.7		12/06/19-12/10/919	A GM	1-22		3225	8702
	7.9		12/27/42-12/30/942	H	-		3351	8620
	7.3		1/16/43-01/19/943	A SA	3-24		3121	8632
	6.1		2/01/36-02/05/936	H	-		3221	8840
	5.0		12/08/32-12/14/932	A GM	2-11		3246	8922
39(	0)							

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	3)							
	2.5		12/17/33-12/19/933	H	-		4721	11540
	2.5		1/21/35-01/24/935	H	-		4720	11540
	2.2(	11784- 48)	12/18/33-12/23/933	H	-		4729	11555
4(	0)							
6(	1)							
	2.3(	10000- 18)	1/09/39-01/10/939	H	-		4429	9857
8(	1)							
	3.6		2/19/22-02/23/922	A GL	4-17		4419	8417
10(	6)							
B	7.9(	25055- 48)	12/09/37-12/12/937	H	-		4000	12200
B	6.4(	25055- 48)	2/25/40-02/29/940	H	-		4000	12200
B	5.5(	25055- 48)	12/29/13-01/02/914	H	-		4000	12200
B	4.7(	25055- 48)	1/12/09-01/16/909	H	-		4000	12200
B	4.3(	25055- 48)	1/12/06-01/19/906	H	-		4000	12200
12(	1)							
	1.4		2/19/36-02/24/936	H	-		4036	11136
14(	0)							
16(	2)							
	3.6		1/11/60-01/15/960	H	-		4225	9026
	3.4(	10000- 30)	1/23/38-01/25/938	H	-		4037	9004
18(	0)							
20(	2)							
	3.5		12/28/42-12/31/942	H	-		4250	7438
	2.2		12/19/36-12/21/936	A NA	1-30		4144	7134
22(	9)							
	11.1		1/19/43-01/24/943	H	-		3413	11802
	8.6		2/10/27-02/22/927	H	-		3404	11650
	7.5		2/26/38-03/04/938	H	-		3414	11711
	7.1(	10000- 42)	1/14/16-01/19/916	H	-		3415	11716
	6.2		12/29/33-01/01/934	H	-		3413	11801
24(	1)							
	3.6		12/14/08-12/17/908	H	-		3730	10830
26(	3)							
	6.4		12/21/32-12/24/932	A SW	2- 9		3430	9658
	5.9		2/14/38-02/19/938	A SW	2-17		3456	9615
	5.5		2/16/11-02/18/911	H	-		3627	9923
28(	7)							
	7.5		1/05/37-01/25/937	A OR	5- 6		3607	8833
	6.3		12/04/24-12/08/924	A OR	4-18		3713	8615
	5.2		1/27/57-02/02/957	H	-		3529	8627
	3.7		1/21/20-01/24/920	A OR	6-23		3415	8900
	3.3(	10000- 36)	1/04/17-01/05/917	A LMV	3- 3		3840	8732
30(	1)							
	4.6		2/03/20-02/06/920	H	-		3701	7639
32(	4)							
	3.0		12/01/06-12/04/906	H	-		3134	11019
	2.8		2/01/05-02/07/905	H	-		3321	11101
	2.8(	10000- 42)	1/14/16-01/20/916	H	-		3355	11120
	2.5		12/17/14-12/24/914	H	-		3323	11100
34(	1)							
	4.6(	10000- 24)	12/08/11-12/10/911	H	-		3117	10038
36(	9)							
	8.1		12/23/04-12/27/904	A LMV	3-10		3220	9252
	7.8		2/11/27-02/14/927	A LMV	4- 6		3052	9100
	7.7		1/04/99-01/06/899	A LMV	3- 7		3238	9002
	6.9		12/01/97-12/04/897	A LMV	2- 3		3217	9011
	6.8		1/16/25-01/20/925	H	-		3130	9030
38(	4)							
	8.2		12/03/64-12/05/964	H	-		3107	8325
	7.3		1/31/20-02/02/920	H	-		2951	8120
	6.1(	10000- 30)	12/23/41-12/24/941	H	-		3212	8329
	5.9		2/10/05-02/13/905	A SA	3- 9		3214	8425
40(	0)							

FIVE GREATEST OBSERVED 100 SQUARE MILE- 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

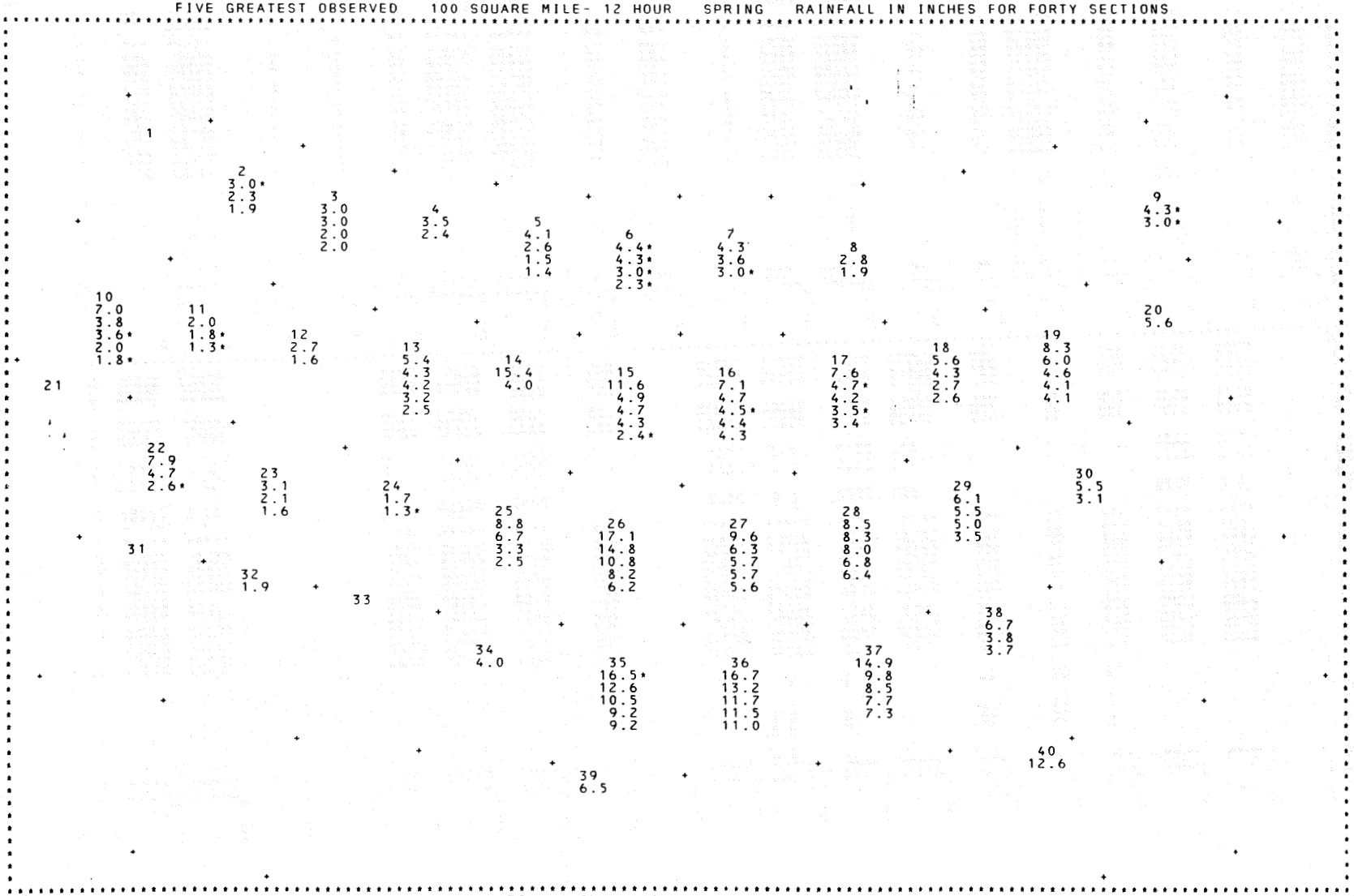


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	3)						
	1.6		3/30/31-04/02/931	H	-	4601	11807
	1.5(	430- 6)	3/24/35-03/26/935	H	-	4723	11524
	1.1		5/26/06-05/30/906	H	-	4548	11824
3(	4)						
	1.8		3/30/31-04/02/931	H	-	4630	11450
	1.7		5/11/00-05/13/900	A MR	5-11	4638	11142
B	1.4		3/15/32-03/19/932	R	-	4410	11055
	1.2		5/19/02-05/20/902	A MR	5-12	4830	11245
4(	2)						
	2.2		5/17/38-05/20/938	A MR	5- 6	4550	10957
	1.3		4/22/00-04/24/900	A MR	5-10	4550	10957
5(	4)						
	2.5		5/09/20-05/12/920	A MR	4-17	4437	10324
	1.7		5/25/29-05/30/929	A MR	4-27	4657	10349
	0.8		4/11/12-04/14/912	A MR	5-19	4748	10328
	0.8		3/13/43-03/17/943	A MR	6-11	4853	10423
6(	3)						
	3.2(	2000- 6)	4/25/54-04/27/954	H	-	4535	9555
	3.0(	1000- 6)	4/22/32-04/24/932	H	-	4600	9852
	1.4(	200- 6)	3/02/66-03/05/966	H	-	4714	9835
7(	3)						
	3.4		5/27/42-05/31/942	H	-	4458	9306
	3.2		5/28/43-06/01/943	H	-	4412	9015
	1.8(	1000- 6)	5/18/60-05/21/960	H	-	4435	9335
8(	2)						
	2.7		4/05/19-04/11/919	A GL	2-19	4453	8752
	1.4		4/27/09-05/02/909	H	-	4437	8447
9(	2)						
	2.5(	200- 6)	3/09/36-03/15/936	H	-	4416	7115
	1.9(	200- 6)	3/17/36-03/19/936	H	-	4416	7115
10(	6)						
	4.0		3/15/07-03/27/907	R	-	3955	12125
B	2.7(	1903- 6)	3/22/28-03/27/928	H	-	3905	12130
	2.1		5/09/15-05/11/915	R	-	3945	12115
	1.1		5/11/41-05/14/941	R	-	3930	12100
B	1.2(	25055- 6)	3/22/28-03/27/928	H	-	4000	12200
11(	3)						
B	1.6		4/05/25-04/06/925	R	-	4145	11525
B	1.1(	200- 6)	5/15/11-05/15/911	R	-	4300	11645
B	0.9(	500- 6)	3/25/40-04/01/940	R	-	4305	11645
12(	2)						
B	1.6		4/07/35-04/09/935	R	-	4340	11410
	1.1		5/31/43-06/05/943	R	-	4036	11135
13(	8)						
	3.0		5/04/69-05/08/969	R	-	4016	10525
	2.4		5/05/73-05/06/973	R	-	3955	10506
	2.1		4/14/21-04/16/921	A MR	4-19	4043	10543
	2.0		5/01/04-05/03/904	A MR	4- 6	4059	10511
	1.7		5/29/94-05/31/894	A MR	6-14	4004	10532
14(	2)						
	13.7		5/30/35-05/31/935	A MR	3-28A	3915	10432
	3.6		5/05/27-05/09/927	A MR	4-25	4350	10116
15(	4)						
	4.2		5/10/44-05/12/944	A MR	6-13	4212	9732
	3.5		3/14/19-03/16/919	A MR	2-19	3934	9507
	3.0		5/31/47-06/01/947	A MR	8- 8	4142	9721
	2.3(	200- 6)	5/25/47-05/30/947	A MR	8- 6	4101	9553
16(	8)						
	5.6		5/28/41-05/31/941	H	-	4313	9147
	4.5(	100- 3)	5/22/41-05/22/941	A UMV	2-19	3948	9111
	3.8		5/02/19-05/04/919	A MR	2-20	4014	9440
	3.6		5/25/15-05/29/915	A MR	2- 7	3911	9353
	3.6		5/29/29-06/03/929	A MR	3-25	4015	9402
17(	5)						
	7.0		5/26/56-05/28/956	H	-	4020	8810
	4.1		5/17/27-05/19/927	A UMV	4-12	4040	8941
	3.9(	1000- 6)	4/04/47-04/05/947	H	-	4134	8805
	2.3		3/09/39-03/12/939	A UMV	4-16	3929	8811
	2.2(	1000- 6)	3/24/54-03/25/954	H	-	4123	8928
18(	4)						
	3.7		5/19/12-05/22/912	A GL	3- 1	4359	8429
	3.3		3/23/13-03/27/913	A OR	1-15	4022	8346
	2.0		5/10/14-05/12/914	A GL	2-15	4154	8401
	2.0		3/13/18-03/14/918	A GL	2-17	4217	8436
19(	8)						
	7.2		5/30/89-06/01/889	A SA	1- 1	4145	7717
	4.4		5/19/42-05/23/942	A NA	2- 5	4048	7608
	3.7		5/14/16-05/19/916	A GL	1-15	4252	7732
	2.8		5/17/94-05/22/894	A NA	1- 4	3926	7514
	2.6		5/20/19-05/23/919	H	-	4050	7742
20(	1)						
	4.2		4/11/33-04/14/933	A NA	1-23	4308	7056
21(	0)						
22(	3)						
	4.5		3/11/05-03/17/905	H	-	3418	11806
	2.6		4/04/26-04/09/926	H	-	3413	11803
	2.6(	100- 3)	3/03/43-03/05/943	H	-	3410	11803
23(	3)						
	2.7		4/05/26-04/10/926	H	-	3451	11200
	1.5		3/12/05-03/20/905	H	-	3419	11125
	1.3		4/09/05-04/13/905	H	-	3414	11247
24(	2)						
	1.1		4/19/33-04/22/933	R	-	3808	10528
B	1.0(	440- 6)	3/04/18-03/09/918	R	-	3845	10630
25(	4)						
	8.8		5/30/38-05/31/938	A MR	3-29	3854	10145
	4.8		4/29/14-05/02/914	A SW	1-16	3620	10306
	2.0		5/26/37-05/30/937	A GM	5-17	3449	10344
	1.6		4/17/42-04/21/942	A SW	3- 6	3655	10258
26(	10)						
	14.4		4/03/34-04/04/934	A SW	2-11	3537	9940
	14.2		5/12/43-05/20/943	A SW	2-21	3552	9604
	8.7		5/06/43-05/12/943	A SW	2-20	3529	9518
	6.2		5/30/06-06/01/906	A MR	1-20	3750	9541
	6.0		4/07/27-04/09/927	A MR	3-11	3740	9529
27(	12)						
	6.3		4/17/27-04/21/927	A SW	2- 4	3441	9305
	4.4		4/06/22-04/11/922	A MR	2-28	3815	9321
	4.4		4/12/11-04/15/911	A LMV	1- 8	3433	9237
	4.2		5/09/18-05/13/918	A LMV	1-11	3620	9230
	4.0		5/25/93-05/29/893	A SW	1- 1	3444	9049
28(	7)						
	6.5		3/21/29-03/23/929	A OR	7-15	3548	8538
	6.4		5/21/57-05/23/957	H	-	3744	8832
	5.6		3/25/02-03/29/902	A LMV	2- 7	3442	8857
	5.6		3/15/19-03/17/919	A LMV	1-12	3525	8839
	5.1		3/11/63-03/12/963	H	-	3507	8522
29(	4)						
	4.3		3/14/12-03/15/912	A SA	2- 7	3519	8059
	4.0		3/11/63-03/12/963	H	-	3448	8342
	2.9		3/26/86-04/01/886	H	-	3522	8247
	2.3		3/12/18-03/15/918	A OR	3-10	3815	8034
30(	2)						
	3.7		5/18/01-05/22/901	A SA	2- 4	3432	7900
	2.1		5/07/24-05/12/924	A SA	1-24	3802	7830
31(	0)						
32(	1)						
	1.1		3/11/41-03/17/941	H	-	3323	11100
33(	0)						
34(	1)						
	3.0		5/20/41-05/25/941	A GM	5-18	3307	10312
35(	9)						
	16.3		5/31/35-05/31/935	H	-	2920	9928
	9.8		5/25/29-05/30/929	A GM	4-26	3012	9813
	8.3		5/28/07-05/31/907	A LMV	3-13	2936	9538
	7.6		5/16/49-05/17/949	R	-	3249	9721
	7.3		4/22/15-04/26/915	A GM	4- 1	3018	9742
36(	20)						
	13.1		5/16/35-05/20/935	A LMV	4-21	3059	9148
	12.5		4/12/27-04/16/927	A LMV	4- 8	2940	9005
	9.7		5/02/35-05/07/935	A LMV	4-20	3041	9144
	8.3		5/11/53-05/19/953	A LMV	5- 4	3146	9149
	8.0		3/24/14-03/28/914	A LMV	3-19	3046	9332
37(	8)						
	13.6		3/11/29-03/16/929	A LMV	2-20	3125	8604
	7.2		4/12/12-04/17/912	A LMV	2-11	3023	8945
	6.7		4/15/00-04/18/900	A LMV	2- 5	3247	8750
	6.3		4/05/38-04/09/938	A GM	2-25	3208	8802
	5.9		5/24/09-05/28/909	A LMV	2- 9	3239	8953
38(	3)						
	4.1		5/21/06-05/26/906	A SA	4- 9	3005	8151
	2.6		3/03/29-03/05/929	A SA	3-19	3233	8414
	2.6		4/05/36-04/10/936	A SA	3-21A	3344	8244
39(	1)						
	6.0		5/27/25-05/29/925	A GM	4-21	2843	10030
40(	1)						
	8.6		4/14/42-04/17/942	A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 100 SQUARE MILE- 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

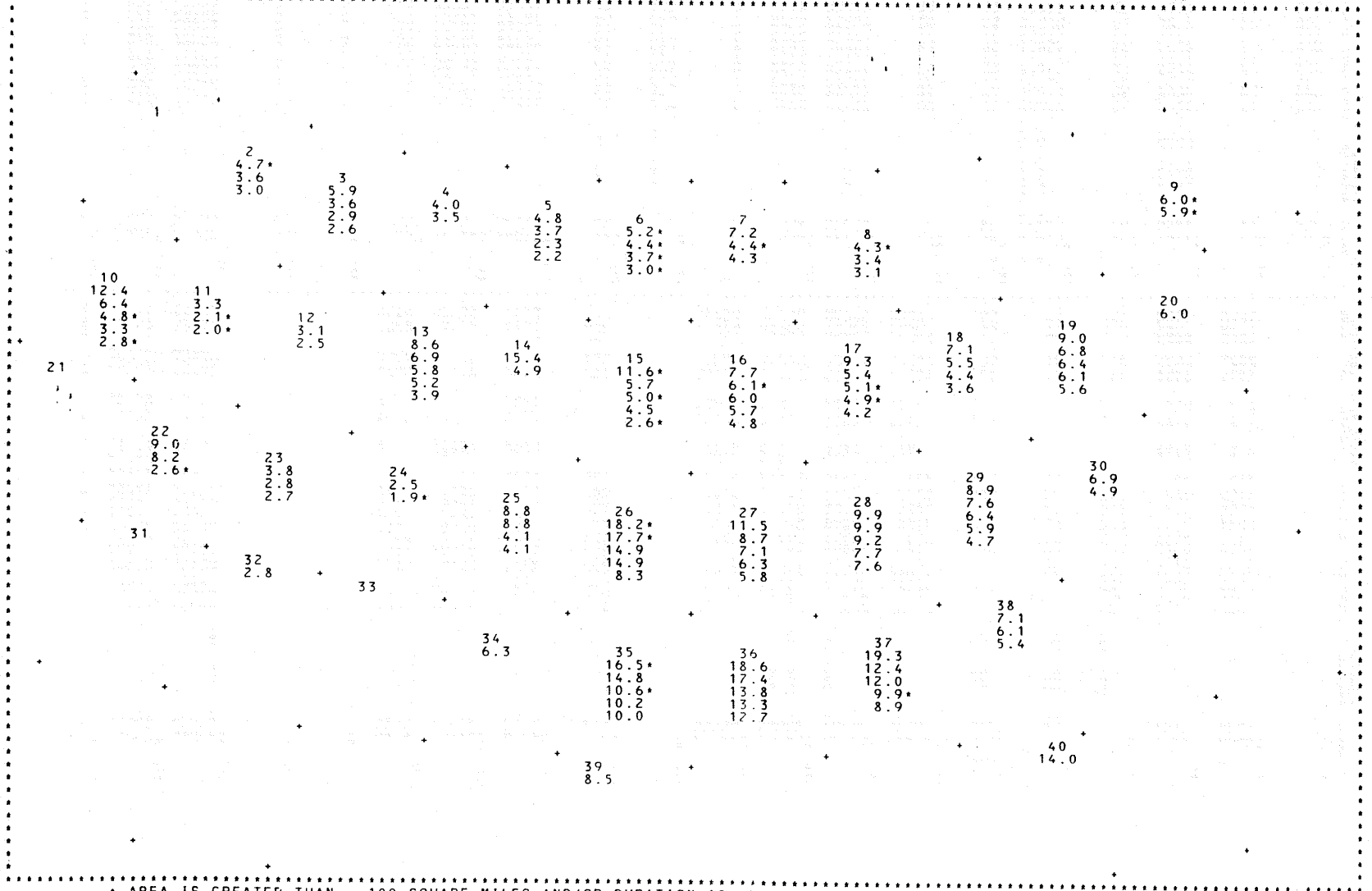


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	3)						
	3.6(	430- 12)	3/24/35-03/26/935	H	-	4723	11524
	2.3		3/30/31-04/02/931	H	-	4601	11807
	1.9		5/26/06-05/30/906	H	-	4548	11824
3(	4)						
	3.0		5/[illegible]/00-05/13/900	A MR	5-11	4638	11142
	3.0		3/31/31-04/02/931	H	-	4630	11450
	2.0		5/19/02-05/20/902	A MR	5-12	4830	11245
B	2.0		3/15/32-03/19/932	R	-	4410	11055
4(	2)						
	3.5		5/17/38-05/20/938	A MR	5- 6	4550	10957
	2.4		4/22/00-04/24/900	A MR	5-10	4550	10957
5(	4)						
	4.1		5/09/20-05/12/920	A MR	4-17	4437	10324
	2.6		5/25/29-05/30/929	A MR	4-27	4657	10349
	1.5		4/[illegible]/12-04/14/912	A MR	5-19	4748	10328
	1.4		3/[illegible]/43-03/17/943	A MR	6-11	4853	10423
6(	4)						
	4.4(	1000- 12)	4/22/32-04/24/932	H	-	4690	9852
	4.3(	2000- 12)	4/25/54-04/27/954	H	-	4535	9555
	3.0(	1000- 12)	3/29/33-03/30/933	H	-	4658	9503
	2.3(	200- 12)	3/02/66-03/05/966	H	-	4714	9835
7(	3)						
	4.3		5/27/42-05/31/942	H	-	4458	9306
	3.6		5/28/43-06/01/943	H	-	4412	9015
	3.0(	1000- 12)	5/[illegible]8/60-05/21/960	H	-	4435	9335
8(	2)						
	2.8		4/05/19-04/11/919	A GL	2-19	4453	8752
	1.9		4/27/09-05/02/909	H	-	4437	8447
9(	2)						
	4.3(	200- 12)	3/[illegible]9/36-03/15/936	H	-	4416	7115
	3.0(	200- 12)	3/[illegible]7/36-03/19/936	H	-	4416	7115
10(	6)						
	7.0		3/15/07-03/27/907	R	-	3955	12125
	3.8		5/09/15-05/11/915	R	-	3945	12115
B	3.6(	1903- 12)	3/22/28-03/27/928	H	-	3905	12130
	2.0		5/11/41-05/14/941	R	-	3930	12100
B	1.8(	25055- 12)	3/16/07-03/19/907	H	-	4000	12200
11(	3)						
B	2.0		4/[illegible]5/25-04/06/925	R	-	4145	11525
B	1.8(	200- 12)	5/[illegible]1-05/15/911	R	-	4300	11645
B	1.3(	500- 12)	3/[illegible]0-04/01/940	R	-	4305	11645
12(	2)						
B	2.7		4/07/35-04/09/935	R	-	4340	11410
	1.6		5/31/43-06/05/943	R	-	4036	11135
13(	8)						
	5.4		5/[illegible]69-05/08/969	R	-	4016	10525
	4.3		5/[illegible]73-05/06/973	R	-	3955	10506
	4.2		4/[illegible]21-04/16/921	A MR	4-19	4043	10543
	3.2		5/29/94-05/31/894	A MR	6-14	4004	10532
	2.5		5/[illegible]04-05/03/904	A MR	4- 6	4059	10511
14(	2)						
	15.4		5/30/35-05/31/935	A MR	3-28A	3915	10432
	4.0		5/05/27-05/09/927	A MR	4-25	4350	10116
15(	5)						
	11.6		5/08/50-05/08/950	H	-	4036	9628
	4.9		3/[illegible]19-03/16/919	A MR	2-19	3934	9507
	4.7		5/31/47-06/01/947	A MR	8- 8	4142	9721
	4.3		5/[illegible]44-05/12/944	A MR	6-13	4212	9732
	2.4(	200- 12)	5/25/47-05/30/947	A MR	8- 6	4101	9553
16(	8)						
	7.1		5/28/41-05/31/941	H	-	4313	9147
	4.7		5/25/15-05/29/915	A MR	2- 7	3911	9353
	4.5(	100- 3)	5/22/41-05/22/941	A UMV	2-19	3948	9111
	4.4		5/29/29-06/03/929	A MR	3-25	4015	9402
	4.3		5/02/19-05/04/919	A MR	2-20	4014	9440
17(	5)						
	7.6		5/26/56-05/28/956	H	-	4020	8810
	4.7(	1000- 12)	4/[illegible]27-04/05/947	H	-	4134	8805
	4.2		5/[illegible]27-05/19/927	A UMV	4-12	4040	8941
	3.5(	1000- 12)	3/24/54-03/25/954	H	-	4123	8928
	3.4		3/29/39-03/12/939	A UMV	4-16	3929	8811
18(	4)						
	5.6		3/23/13-03/27/913	A OR	1-15	4022	8366
	4.3		5/19/12-05/22/912	A GL	3- 1	4359	8429
	2.7		3/13/18-03/14/918	A GL	2-17	4217	8436
	2.6		5/10/14-05/12/914	A GL	2-15	4154	8401
19(	8)						
	8.3		5/[illegible]89-06/01/889	A SA	1- 1	4145	7717
	6.0		5/[illegible]42-05/23/942	A NA	2- 5	4048	7608
	4.6		5/[illegible]94-05/22/894	A NA	1- 4	3926	7514
	4.1		4/[illegible]37-04/28/937	A SA	5-13	3940	7754
	4.1		5/[illegible]16-05/19/916	A GL	1-15	4252	7752
20(	1)						
	5.6		4/11/33-04/14/933	A NA	1-23	4308	7056
21(	0)						
22(	3)						
	7.9		3/11/05-03/17/905	H	-	3418	11806
	4.7		4/04/26-04/09/926	H	-	3413	11803
	2.6(	100- 3)	3/03/43-03/05/943	H	-	3410	11803
23(	3)						
	3.1		4/05/26-04/10/926	H	-	3451	11200
	2.1		3/12/05-03/20/905	H	-	3419	11125
	1.6		4/09/05-04/13/905	H	-	3414	11247
24(	2)						
	1.7		4/19/33-04/22/933	R	-	3808	10528
B	1.3(	440- 12)	3/04/18-03/09/918	R	-	3845	10630
25(	4)						
	8.8		5/[illegible]38-05/31/938	A MR	3-29	3854	10145
	6.7		4/29/14-05/02/914	A SW	1-16	3620	10306
	3.3		5/26/37-05/30/937	A GM	5-17	3449	10344
	2.5		4/[illegible]42-04/21/942	A SW	3- 6	3650	10258
26(	10)						
	17.1		4/03/34-04/04/934	A SW	2-11	3537	9940
	14.8		5/12/43-05/20/943	A SW	2-21	3552	9604
	10.8		5/06/43-05/12/943	A SW	2-20	3529	9518
	8.2		4/07/27-04/09/927	A MR	3-11	3740	9529
	6.2		5/30/06-06/01/906	A MR	1-20	3750	9541
27(	12)						
	9.6		4/[illegible]7/27-04/21/927	A SW	2- 4	3441	9305
	6.3		5/[illegible]93-05/29/893	A SW	1- 1	3447	9049
	5.7		5/[illegible]8-05/13/918	A LMV	[illegible]	3620	9230
	5.7		3/[illegible]17-04/02/917	A UMV	3- 4	3549	9341
	5.6		4/[illegible]11-04/15/911	A LMV	1- 8	3433	9237
28(	7)						
	8.5		3/21/29-03/23/929	A OR	7-15	3548	8538
	8.3		3/25/02-03/29/902	A LMV	2- 7	3442	8857
	8.0		3/[illegible]9-03/17/919	A LMV	1-12	3525	8839
	6.8		5/21/57-05/23/957	H	-	3744	8832
	6.4		3/11/63-03/12/963	H	-	3507	8522
29(	4)						
	6.1		3/[illegible]12-03/15/912	A SA	2- 7	3519	8059
	5.5		3/[illegible]86-04/01/886	H	-	3522	8247
	5.0		3/[illegible]63-03/12/963	H	-	3448	8342
	3.5		3/[illegible]8-03/15/918	A OR	3-10	3815	8034
30(	2)						
	5.5		5/18/01-05/22/901	A SA	2- 4	3432	7900
	3.1		5/07/24-05/12/924	A SA	1-24	3802	7830
31(	0)						
32(	1)						
	1.9		3/11/41-03/17/941	H	-	3323	11100
33(	0)						
34(	1)						
	4.0		5/20/41-05/25/941	A GM	5-18	3307	10312
35(	9)						
	16.5(	100- 10)	5/[illegible]35-05/31/935	H	-	2920	9928
	12.6		5/[illegible]29-05/30/929	A GM	4-26	3012	9813
	10.5		5/[illegible]49-05/17/949	R	-	3249	9721
	9.2		3/28/45-04/02/945	A SW	3- 5	3220	9545
	9.2		4/22/15-04/26/915	A GM	4- 1	3018	9742
36(	20)						
	16.7		4/12/27-04/16/927	A LMV	4- 8	2940	9005
	13.2		5/16/35-05/20/935	A LMV	4-21	3059	9148
	11.7		4/23/53-05/04/953	A LMV	5- 3	3104	9312
	11.5		5/02/35-05/07/935	A LMV	4-20	3041	9144
	11.0		3/24/14-03/28/914	A LMV	3-19	3046	9332
37(	8)						
	14.9		3/[illegible]29-03/16/929	A LMV	2-20	3125	8604
	9.8		4/[illegible]00-04/18/900	A LMV	2- 5	3247	8750
	8.5		4/[illegible]74-04/14/974	H	-	3155	8942
	7.7		4/[illegible]38-04/09/938	A GM	2-25	3208	8802
	7.3		5/[illegible]09-05/28/909	A LMV	2- 9	3239	8953
38(	3)						
	6.7		5/21/06-05/26/906	A SA	4- 9	3005	8151
	3.8		4/05/36-04/10/936	A SA	3-21A	3344	8244
	3.7		3/03/29-03/05/929	A SA	3-19	3233	8414
39(	1)						
	6.5		5/[illegible]25-05/29/925	A GM	4-21	2843	10030
40(	1)						
	12.6		4/14/42-04/17/942	A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 100 SQUARE MILE- 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS



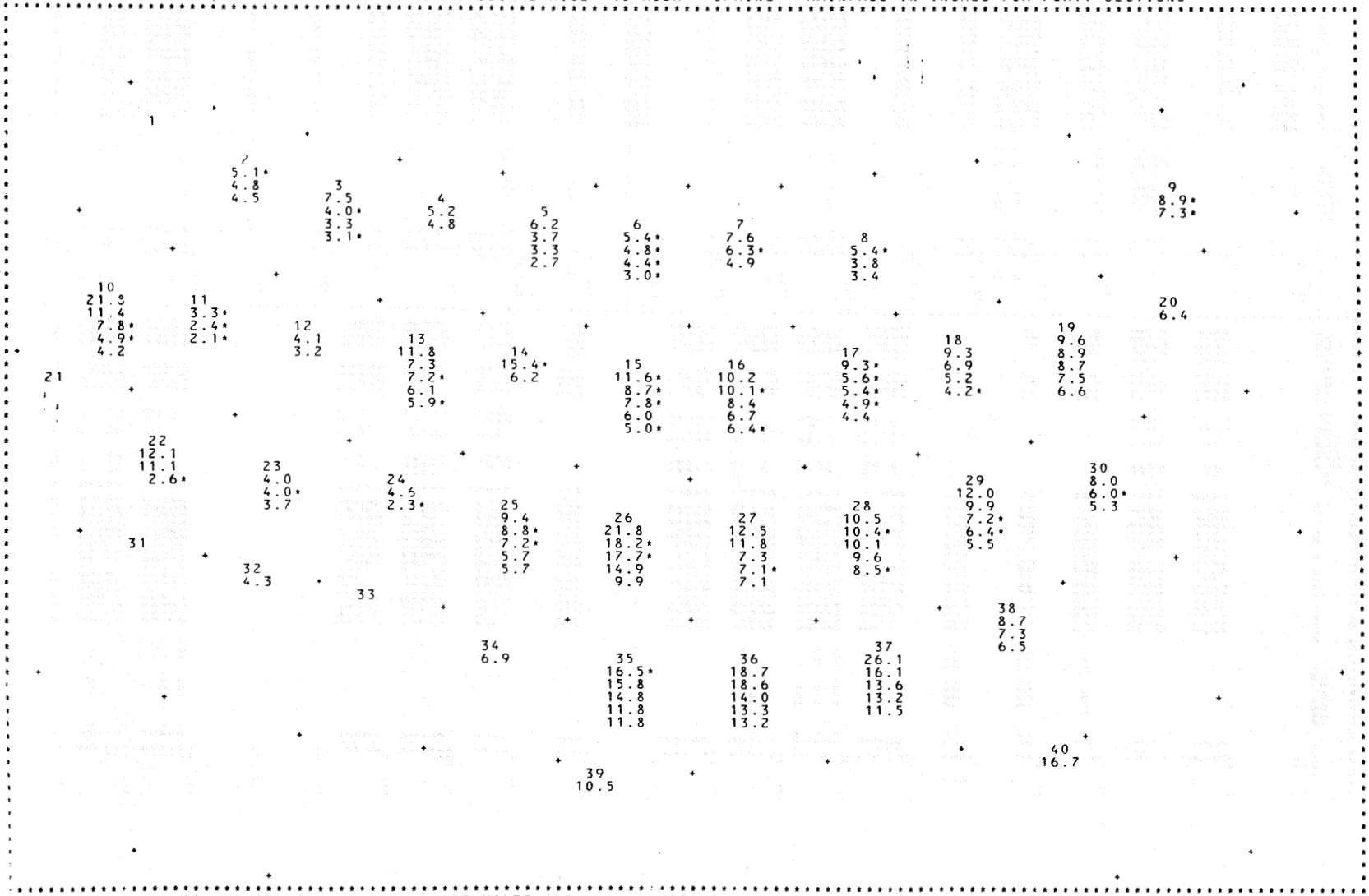
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)						
3(	4)						
	5.9		3/30/31-04/02/931	H	-	4630	11450
	3.6		5/11/00-05/13/900	A MR	5-11	4638	11142
	2.9		5/19/02-05/20/902	A MR	5-12	4830	11245
B	2.6		3/15/32-03/19/932	R	-	4410	11055
5(	4)						
	4.8		5/09/20-05/12/920	A MR	4-17	4437	10324
	3.7		5/25/29-05/30/929	A MR	4-27	4657	10349
	2.3		4/11/12-04/14/912	A MR	5-19	4748	10328
	2.2		3/13/43-03/17/943	A MR	6-11	4853	10423
7(	3)						
	7.2		5/27/42-05/31/942	H	-	4458	9306
	4.4(	1000- 24)	5/18/60-05/21/960	H	-	4435	9335
	4.3		5/28/43-06/01/943	H	-	4412	9015
9(	2)						
	6.0(	200- 24)	3/17/36-03/19/936	H	-	4416	7115
	5.9(	200- 24)	3/09/36-03/15/936	H	-	4416	7115
11(	3)						
B	3.3		4/05/25-04/06/925	R	-	4145	11525
B	2.1(	200- 18)	5/15/11-05/15/911	R	-	4300	11645
B	2.0(	500- 24)	3/25/40-04/01/940	R	-	4305	11645
13(	8)						
	8.6		5/04/69-05/08/969	R	-	4016	10525
	6.9		4/14/21-04/16/921	A MR	4-19	4043	10543
	5.8	-	5/05/73-05/06/973	R	-	3955	10506
	5.2		5/29/94-05/31/894	A MR	6-14	4004	10532
	3.9	-	5/01/04-05/03/904	A MR	4- 6	4059	10511
15(	5)						
	11.6(	100- 12)	5/08/50-05/08/950	H	-	4036	9628
	5.7		3/14/19-03/16/919	A MR	2-19	3934	9507
	5.0(	100- 20)	5/31/47-06/01/947	A MR	8- 8	4142	9721
	4.5		5/10/44-05/12/944	A MR	6-13	4212	9732
	2.6(	200- 24)	5/25/47-05/30/947	A MR	8- 6	4101	9553
17(	5)						
	9.3		5/26/56-05/28/956	H	-	4020	8810
	5.4		5/17/27-05/19/927	A UMV	4-12	4040	8941
	5.1(	1000- 24)	4/04/47-04/05/947	H	-	4134	8805
	4.9(	1000- 24)	3/24/54-03/25/954	H	-	4123	8928
	4.2		3/09/39-03/12/939	A UMV	4-16	3929	8811
19(	8)						
	9.0		5/30/89-06/01/889	A SA	1- 1	4145	7717
	6.8		4/24/37-04/28/937	A SA	5-13	3940	7754
	6.4		5/19/42-05/23/942	A NA	2- 5	4048	7608
	6.1		5/17/94-05/22/894	A NA	1- 4	3926	7514
	5.6		5/25/46-05/28/946	A NA	2-12	4120	7745
21(	0)						
23(	3)						
	3.8		4/05/26-04/10/926	H	-	3451	11200
	2.8		4/09/05-04/13/905	H	-	3414	11247
	2.7		3/12/05-03/20/905	H	-	3419	11125
25(	4)						
	8.8		4/29/14-05/02/914	A SW	1-16	3620	10306
	8.8		5/30/38-05/31/938	A MR	3-29	3854	10145
	4.1		5/26/37-05/30/937	A GM	5-17	3449	10344
	4.1		4/17/42-04/21/942	A SW	3- 6	3655	10258
27(	12)						
	11.5		4/17/27-04/21/927	A SW	2- 4	3441	9305
	8.7		5/25/93-05/29/893	A SW	1- 1	3444	9049
	7.1		3/24/04-03/26/904	A UMV	2- 4	3659	9159
	6.3		5/09/18-05/13/918	A LMV	1-11	3620	9230
	5.8		4/12/11-04/15/911	A LMV	1- 8	3433	9237
29(	5)						
	8.9		3/26/86-04/01/886	H	-	3522	8247
	7.6		3/01/67-03/07/867	H	-	3507	8325
	6.4		3/14/12-03/15/912	A SA	2- 7	3519	8059
	5.9		3/11/63-03/12/963	H	-	3448	8342
	4.7		3/12/18-03/15/918	A OR	3-10	3815	8034
31(	0)						
33(	0)						
35(	9)						
	16.5(	100- 10)	5/31/35-05/31/935	H	-	2920	9928
	14.8		5/25/29-05/30/929	A GM	4-26	3012	9813
	10.6(	100- 18)	5/16/49-05/17/949	R	-	3249	9721
	10.2		3/28/45-04/02/945	A SW	3- 5	3220	9545
	10.0		5/28/07-05/31/907	A LMV	3-13	2936	9538
37(	9)						
	19.3		3/11/29-03/16/929	A LMV	2-20	3125	8604
	12.4		4/15/00-04/18/900	A LMV	2- 5	3247	8750
	12.0		4/12/74-04/14/974	H	-	3155	8942
	9.9(	250- 24)	3/22/97-03/23/897	H	-	3120	8537
	8.9		5/30/09-06/04/909	A LMV	2-10	3013	8935
39(	1)						
	8.5		5/27/[illegible]/925	A GM	4-21	2843	10030

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)						
	4.7(	430- 24)	3/24/35-03/26/935	H	-	4723	11524
	3.6		3/30/31-04/02/931	H	-	4601	11807
	3.0		5/26/06-05/30/906	H	-	4548	11824
4(	2)						
	4.0		5/17/38-05/20/938	A MR	5- 6	4550	10957
	3.5		4/22/00-04/24/900	A MR	5-10	4550	10957
6(	4)						
	5.2(	2000- 24)	4/25/54-04/27/954	H	-	4535	9555
	4.4(	1000- 18)	4/22/32-04/24/932	H	-	4600	9852
	3.7(	200- 24)	3/02/66-03/05/966	H	-	4714	9835
	3.0(	1000- 12)	3/29/33-03/30/933	H	-	4658	9503
8(	3)						
	4.3(	1000- 24)	4/28/14-04/29/914	H	-	4646	8458
	3.4		4/05/19-04/11/919	A GL	2-19	4453	8752
	3.1		4/27/09-05/02/909	H	-	4437	8447
10(	6)						
	12.4		3/15/07-03/27/907	R	-	3955	12125
	6.4		5/09/15-05/11/915	R	-	3945	12115
B	4.8(	1903- 24)	3/22/28-03/27/928	H	-	3905	12130
	3.3		5/11/41-05/16/941	R	-	3930	12100
B	2.8(	25055- 24)	3/16/07-03/19/907	H	-	4000	12200
12(	2)						
B	3.1		4/07/35-04/09/935	R	-	4340	11410
	2.5		5/31/43-06/05/943	R	-	4036	11135
14(	2)						
	15.4		5/30/35-05/31/935	A MR	3-28A	3915	10432
	4.9		5/05/27-05/09/927	A MR	4-25	4350	10116
16(	9)						
	7.7		5/28/41-05/31/941	H	-	4313	9167
	6.1(	2000- 24)	4/22/97-04/24/897	H	-	4053	9400
	6.0		5/25/15-05/29/915	A MR	2- 7	3911	9353
	5.7		5/29/29-06/03/929	A MR	3-25	4015	9402
	4.8		5/30/19-06/04/919	A MR	2-21	4047	9320
18(	4)						
	7.1		3/23/13-03/27/913	A OR	1-15	4022	8366
	5.5		5/19/12-05/22/912	A GL	2- 1	4359	8429
	4.4		5/10/14-05/12/914	A GL	2-15	4154	8401
	3.6		3/13/18-03/14/918	A GL	2-17	4217	8436
20(	1)						
	6.0		4/11/33-04/14/933	A NA	1-23	4308	7056
22(	3)						
	9.0		3/11/05-03/17/905	H	-	3418	11806
	8.2		4/04/26-04/09/926	H	-	3413	11803
	2.6(	100- 3)	3/03/43-03/05/943	H	-	3410	11803
24(	2)						
	2.5		4/19/33-04/22/933	R	-	3808	10528
B	1.9(	440- 24)	3/04/18-03/09/918	R	-	3845	10630
26(	12)						
	18.2(	100- 20)	5/15/57-05/16/957	H	-	3602	9756
	17.7(	100- 18)	4/03/34-04/04/934	A SW	2-11	3537	9940
	14.9		5/12/43-05/20/943	A SW	2-21	3552	9604
	14.9		5/06/43-05/12/943	A SW	2-20	3529	9518
	8.3		4/07/27-04/09/927	A MR	3-11	3740	9529
28(	7)						
	9.9		3/15/19-03/17/919	A LMV	1-12	3525	8839
	9.9		3/21/29-03/23/929	A OR	7-15	3548	8538
	9.2		3/25/02-03/29/902	A LMV	2- 7	3442	8857
	7.7		3/11/63-03/12/963	H	-	3507	8522
	7.6		5/21/57-05/23/957	H	-	3744	8832
30(	2)						
	6.9		5/18/01-05/22/901	A SA	2- 4	3432	7900
	4.9		5/07/24-05/12/924	A SA	1-24	3802	7830
32(	1)						
	2.8		3/11/41-03/17/941	H	-	3323	11100
34(	1)						
	6.3		5/20/41-05/25/941	A GM	5-18	3307	10312
36(	20)						
	18.6		4/12/27-04/16/927	A LMV	4- 8	2940	9005
	17.4		5/11/53-05/19/953	A LMV	5- 4	3146	9149
	13.8		4/23/53-05/04/953	A LMV	5- 3	3104	9312
	13.3		5/16/35-05/20/935	A LMV	4-21	3059	9148
	12.7		5/02/35-05/07/935	A LMV	4-20	3041	9144
38(	3)						
	7.1		5/21/06-05/26/906	A SA	4- 9	3005	8151
	6.1		3/03/29-03/05/929	A SA	3-19	3233	8414
	5.4		4/05/36-04/10/936	A SA	3-21A	3344	8244
40(	1)						
	14.0		4/14/42-04/17/942	A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 100 SQUARE MILE- 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

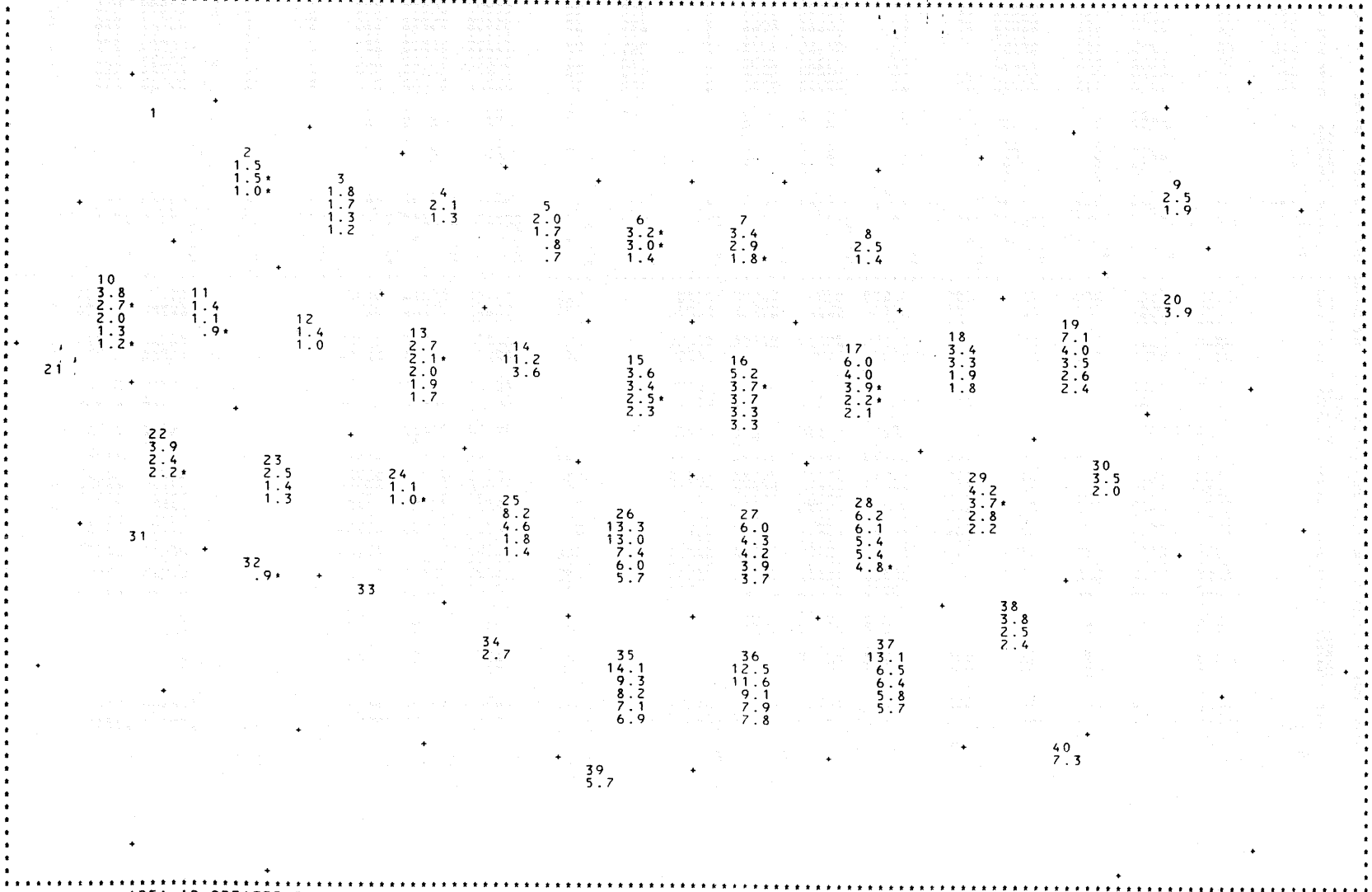


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)							
2(	3)							
	5.1(	430- 48)	3/24/35-03/26/935	H		-	4723	11526
	4.8		3/30/31-04/02/931	H		-	4601	11807
	4.5		5/26/06-05/30/906	H		-	4548	11824
3(	4)							
	7.5		3/30/31-04/02/931	H		-	4630	11450
	4.0(	100- 42)	5/11/00-05/13/900	A	MR	5-11	4638	11142
B	3.3		3/15/32-03/19/932	R		-	4410	11055
	3.1(	100- 30)	5/19/02-05/20/902	A	MR	5-12	4830	11245
4(	2)							
	5.2		4/22/00-04/24/900	A	MR	5-10	4550	10957
	4.8		5/17/38-05/20/938	A	MR	5- 6	4550	10957
5(	4)							
	6.2		5/09/20-05/12/920	A	MR	4-17	4437	10324
	3.7		5/28/29-05/30/929	A	MR	4-27	4657	10349
	3.3		4/11/12-04/14/912	A	MR	5-19	4748	10328
	2.7		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	5.4(	2000- 30)	4/25/54-04/27/954	H		-	4535	9555
	4.8(	200- 48)	3/02/66-03/05/966	H		-	4714	9835
	4.4(	1000- 18)	4/22/32-04/24/932	H		-	4600	9852
	3.0(	1000- 12)	3/29/33-03/30/933	H		-	4658	9503
7(	3)							
	7.6		5/27/42-05/31/942	H		-	4458	9306
	6.3(	1000- 48)	5/18/60-05/21/960	H		-	4435	9335
	4.9		5/28/43-06/01/943	H		-	4412	9015
8(	3)							
	5.4(	1000- 42)	4/28/14-04/29/914	H		-	4646	8458
	3.8		4/27/09-05/02/909	H		-	4437	8447
	3.4		4/05/19-04/11/919	A	GL	2-19	4453	8752
9(	2)							
	8.9(	200- 48)	3/17/36-03/19/936	H		-	4416	7115
	7.3(	200- 48)	3/09/36-03/15/936	H		-	4416	7115
10(	6)							
	21.8		3/15/07-03/27/907	R		-	3955	12125
	11.4		5/09/15-05/11/915	R		-	3945	12115
B	7.8(	1903- 48)	3/22/28-03/27/928	H		-	3905	12130
B	4.9(	25055- 48)	3/16/07-03/19/907	H		-	4000	12200
	4.2		5/11/41-05/14/941	R		-	3930	12100
11(	3)							
B	3.3(	100- 24)	4/05/25-04/06/925	R		-	4145	11525
B	2.4(	500- 48)	3/25/40-04/01/940	R		-	4305	11645
B	2.1(	200- 18)	5/15/11-05/15/911	R		-	4300	11645
12(	2)							
B	4.1		4/07/35-04/09/935	R		-	4340	11410
	3.2		5/31/43-06/05/943	R		-	4036	11135
13(	8)							
	11.8		5/04/69-05/08/969	R		-	4016	10525
	7.3	-	5/29/94-05/31/894	A	MR	6-14	4004	10532
	7.2(	100- 42)	4/14/21-04/16/921	A	MR	4-19	4043	10543
	6.1		5/01/04-05/03/904	A	MR	4- 6	4059	10511
	5.9(	100- 30)	5/05/73-05/06/973	R		-	3955	10506
14(	2)							
	15.4(	100- 24)	5/30/35-05/31/935	A	MR	3-28A	3915	10432
	6.2		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	6)							
	11.6(	100- 12)	5/08/50-05/08/950	H		-	4036	9628
	8.7(	100- 36)	5/30/51-06/02/951	H		-	4118	9708
	7.8(	100- 42)	5/10/44-05/12/944	A	MR	6-13	4212	9732
	6.0		3/14/19-03/16/919	A	MR	2-19	3934	9507
	5.0(	100- 20)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
16(	10)							
	10.2		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	10.1(	100- 30)	5/16/74-05/18/974	H		-	3921	9447
	8.4		5/28/41-05/31/941	H		-	4313	9147
	6.7		5/30/19-06/04/919	A	MR	2-21	4047	9320
	6.4(	2000- 48)	4/22/97-04/24/897	H		-	4053	9400
17(	5)							
	9.3(	100- 24)	5/26/56-05/28/956	H		-	4020	8810
	5.6(	1000- 42)	4/04/47-04/05/947	H		-	4134	8805
	5.4(	100- 36)	5/17/27-05/19/927	A	UMV	4-12	4040	8941
	4.9(	1000- 24)	3/24/54-03/25/954	H		-	4123	8928
	4.4		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(	4)							
	9.3		3/23/13-03/27/913	A	OR	1-15	4022	8346
	6.9		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	5.2		5/10/14-05/12/914	A	GL	2-15	4154	8401
	4.2(	100- 36)	3/13/18-03/14/918	A	GL	2-17	4217	8436
19(	8)							
	9.6		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	8.9		4/24/37-04/28/937	A	SA	5-13	3940	7754
	8.7		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	7.5		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	6.6		5/25/46-05/28/946	A	NA	2-12	4120	7745
20(	1)							
	6.4		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	3)							
	12.1		4/04/26-04/09/926	H		-	3413	11803
	11.1		3/11/05-03/17/905	H		-	3418	11806
	2.6(	100- 3)	3/03/43-03/05/943	H		-	3410	11803
23(	3)							
	4.0		3/12/95-03/20/905	H		-	3419	11125
	4.0(	100- 36)	4/05/26-04/10/926	H		-	3451	11200
	3.7		4/09/05-04/13/905	H		-	3414	11247
24(	2)							
	4.6		4/19/33-04/22/933	R		-	3808	10528
B	2.3(	440- 48)	3/04/18-03/09/918	R		-	3845	10630
25(	5)							
	9.4		4/29/14-05/02/914	A	SW	1-16	3620	10306
	8.8(	100- 30)	5/30/38-05/31/938	A	MR	3-29	3854	10145
	7.2(	2000- 48)	4/04/00-04/05/900	H		-	3724	10237
	5.7		5/26/37-05/30/937	A	GM	5-17	3449	10344
	5.7		4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	12)							
	21.8		5/06/43-05/12/943	A	SW	2-20	3529	9518
	18.2(	100- 20)	5/15/57-05/16/957	H		-	3602	9756
	17.7(	100- 18)	4/03/34-04/04/934	A	SW	2-11	3537	9940
	14.9		5/12/43-05/20/943	A	SW	2-21	3552	9604
	9.9		5/25/03-05/31/903	A	MR	1- 9	3849	9736
27(	12)							
	12.5		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	11.8		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	7.3		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	7.1(	100- 42)	3/24/04-03/26/904	A	UMV	2- 4	3659	9159
	7.1		4/12/11-04/15/911	A	LMV	1- 8	3433	9237
28(	7)							
	10.5		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	10.4(	100- 36)	3/15/19-03/17/919	A	LMV	1-12	3525	8839
	10.1		3/21/29-03/23/929	A	OR	7-15	3548	8538
B	9.6		3/11/75-03/14/975	H		-	3558	8613
	8.5(	100- 42)	3/11/63-03/12/963	H		-	3507	8522
29(	5)							
	12.0		3/26/86-04/01/886	H		-	3522	8247
	9.9		3/07/67-03/07/867	H		-	3507	8325
	7.2(	100- 42)	3/11/63-03/12/963	H		-	3448	8342
	6.4(	100- 30)	3/11/12-03/15/912	A	SA	2- 7	3519	8059
	5.5		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	3)							
	8.0		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	6.0(	200- 36)	4/17/10-04/18/910	H		-	3650	7740
	5.3		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	4.3		3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	6.9		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	9)							
	16.5(	100- 10)	5/31/35-05/31/935	H		-	2920	9928
	15.8		3/28/45-04/02/945	A	SW	3- 5	3220	9545
	14.8		5/25/29-05/30/929	A	GM	4-26	3012	9813
	11.8		5/22/36-05/28/936	A	GM	5- 5	2955	9653
	11.8		5/28/27-05/31/907	A	LMV	3-13	2936	9538
36(	20)							
	18.7		5/11/53-05/19/953	A	LMV	5- 4	3146	9149
	18.6		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	14.0		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	13.3		5/16/35-05/20/935	A	LMV	4-21	3059	9148
	13.2		4/24/14-04/28/914	A	GM	3-26	3046	9332
37(	9)							
	26.1		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	16.1		4/12/74-04/14/974	H		-	3155	8942
	13.6		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	13.2		4/05/38-04/09/938	A	GM	2-25	3208	8802
	11.5		5/24/09-05/28/909	A	LMV	2- 9	3239	8953
38(	3)							
	8.7		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	7.3		4/05/36-04/10/936	A	SA	3-21A	3344	8244
	6.5		3/03/29-03/05/929	A	SA	3-19	3233	8414
39(	1)							
	10.5		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	1)							
	16.7		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 200 SQUARE MILE- 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

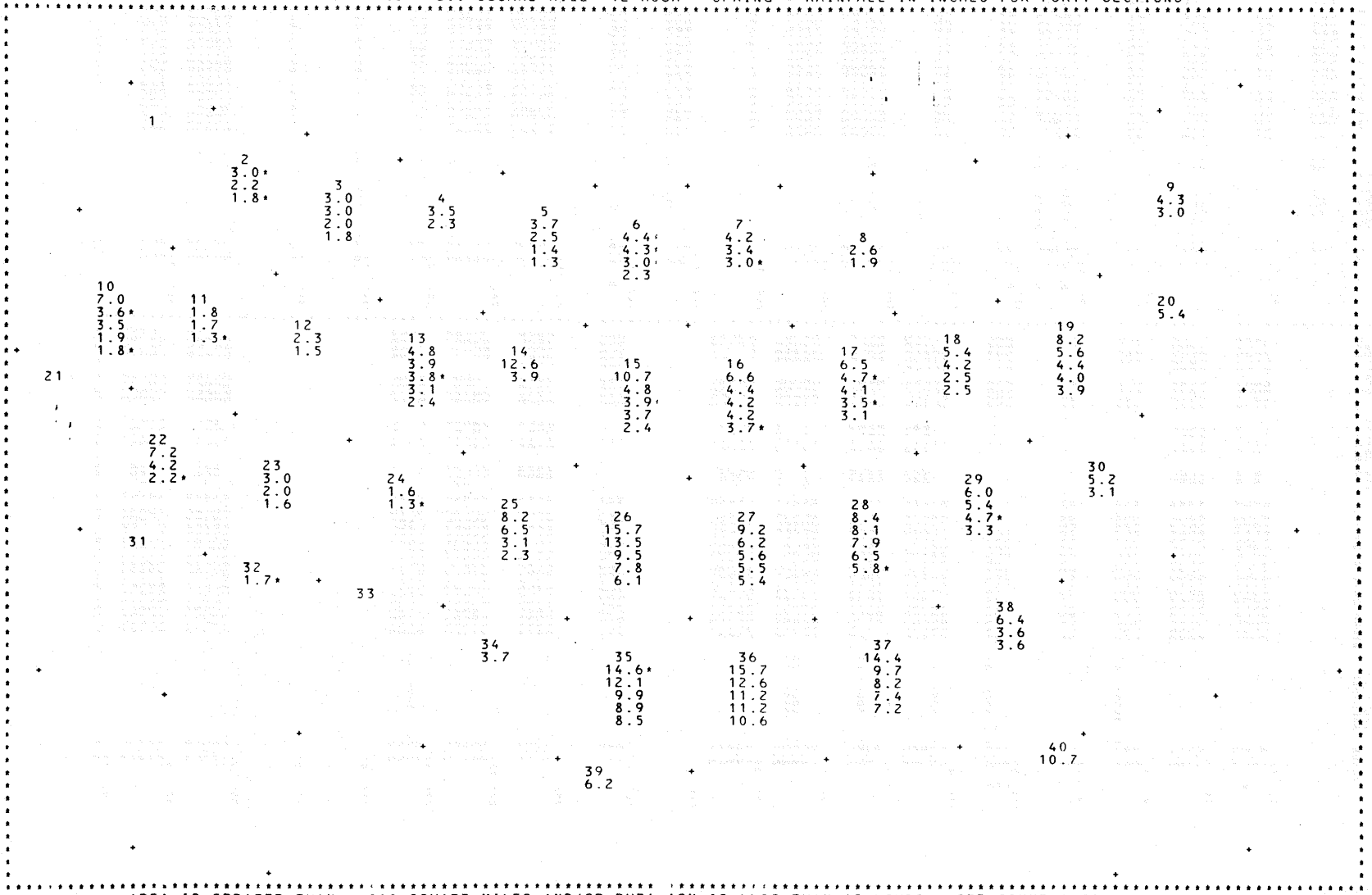


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)					
2(	3)					
	1.5		3/30/31-04/02/931 H	-	4601	11807
	1.5(	436- 6)	3/24/35-03/26/935 H	-	4723	11524
	1.0(	250- 6)	5/26/06-05/30/906 H	-	4548	11824
3(	4)					
	1.8		3/30/31-04/02/931 H	-	4630	11450
	1.7		5/11/00-05/13/900 A MR	5-11	4638	11142
B	1.3		3/15/32-03/19/932 R	-	4410	11055
	1.2		5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	2.1		5/17/38-05/20/938 A MR	5- 6	4550	10957
	1.3		4/22/00-04/24/900 A MR	5-10	4550	10957
5(	4)					
	2.0		5/09/20-05/12/920 A MR	4-17	4437	10324
	1.7		5/25/29-05/30/929 A MR	4-27	4657	10349
	0.8		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.7		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	3)					
	3.2(	2000- 6)	4/25/54-04/27/954 H	-	4535	9955
	3.0(	1000- 6)	4/22/32-04/24/932 H	-	4600	9852
	1.4		3/02/66-03/05/966 H	-	4714	9835
7(	3)					
	3.4		5/27/42-05/31/942 H	-	4458	9306
	2.9		5/28/43-06/01/943 H	-	4412	9015
	1.8(	1000- 6)	5/18/60-05/21/960 H	-	4435	9335
8(	2)					
	2.5		4/05/19-04/11/919 A GL	2-19	4453	8752
	1.4		4/27/09-05/02/909 H	-	4437	8447
9(	2)					
	2.5		3/09/36-03/15/936 H	-	4416	7115
	1.9		3/17/36-03/19/936 H	-	4416	7115
10(	6)					
	3.8		3/15/07-03/27/907 R	-	3955	12125
B	2.7(	1903- 6)	3/22/28-03/27/928 H	-	3905	12130
	2.0		5/09/15-05/11/915 R	-	3945	12115
	1.3		5/11/41-05/14/941 R	-	3930	12100
B	1.2(	25055- 6)	3/22/28-03/27/928 H	-	4000	12200
11(	3)					
B	1.4		4/05/25-04/06/925 R	-	4145	11525
B	1.1		5/15/11-05/15/911 R	-	4300	11645
B	0.9(	500- 6)	3/25/40-04/01/940 R	-	4305	11645
12(	2)					
B	1.4		4/07/35-04/09/935 R	-	4340	11410
	1.0		5/31/43-06/05/943 R	-	4036	11135
13(	8)					
	2.7		5/04/69-05/08/969 R	-	4016	10525
	2.1(	500- 6)	5/05/73-05/06/973 R	-	3955	10506
	2.0		4/14/21-04/16/921 A MR	4-19	4043	10543
	1.9		5/01/04-05/03/904 A MR	4- 6	4059	10511
	1.7		5/29/94-05/31/894 A MR	6-14	4004	10532
14(	2)					
	11.2		5/30/35-05/31/935 A MR	3-28A	3915	10432
	3.6		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	4)	-				
	3.6	-	5/10/44-05/12/944 A MR	6-13	4212	9732
	3.4		3/14/19-03/16/919 A MR	2-19	3934	9507
	2.5(	500- 6)	5/31/47-06/01/947 A MR	8- 8	4142	9721
	2.3		5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	8)					
	5.2		5/28/41-05/31/941 H	-	4313	9147
	3.7(	200- 3)	5/22/41-05/22/941 A UMV	2-19	3948	9111
	3.7		5/02/19-05/04/919 A MR	2-20	4014	9440
	3.3		5/29/29-06/03/929 A MR	3-25	4015	9402
	3.3		5/25/15-05/29/915 A MR	2- 7	3911	9353
17(	5)					
	6.0		5/26/56-05/28/956 H	-	4020	8810
	4.0		5/17/27-05/19/927 A UMV	4-12	4040	8941
	3.9(	1000- 6)	4/04/47-04/05/947 H	-	4134	8805
	2.2(	1000- 6)	3/24/54-03/25/954 H	-	4123	8928
	2.1		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	4)					
	3.4		5/19/12-05/22/912 A	GL 3- 1	4359	8429
	3.3		3/23/13-03/27/913 A	OR 1-15	4022	8346
	1.9		5/10/14-05/12/914 A	GL 2-15	4154	8401
	1.8		3/13/18-03/14/918 A	GL 2-17	4217	8436
19(	8)					
	7.1		5/30/89-06/01/889 A SA	1- 1	4145	7717
	4.0		5/19/42-05/23/942 A NA	2- 5	4048	7608
	3.5		5/14/16-05/19/916 A GL	1-15	4252	7752
	2.6		5/17/94-05/22/894 A NA	1- 4	3926	7514
	2.4		5/20/19-05/23/919 H	-	4050	7742
20(	1)					
	3.9		4/11/33-04/14/933 A	NA 1-23	4308	7056
21(	0)					
22(	3)					
	3.9		3/11/05-03/17/905 H	-	3418	11806
	2.4		4/04/26-04/09/926 H	-	3413	11803
	2.2(	200- 3)	3/03/43-03/05/943 H	-	3410	11803
23(	3)					
	2.5		4/05/26-04/10/926 H	-	3451	11200
	1.4		3/12/05-03/20/905 H	-	3419	11125
	1.3		4/09/05-04/13/905 H	-	3414	11247
24(	2)					
	1.1		4/19/33-04/22/933 R	-	3808	10328
B	1.0(	440- 6)	3/04/18-03/09/918 R	-	3845	10650
25(	4)					
	8.2		5/30/38-05/31/938 A MR	3-29	3854	10145
	4.6		4/29/14-05/02/914 A SW	1-16	3620	10306
	1.8		5/26/37-05/30/937 A GM	5-17	3449	10344
	1.4		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	10)					
	13.3		4/03/34-04/04/934 A	SW 2-11	3537	9940
	13.0		5/12/43-05/20/943 A	SW 2-21	3552	9604
	7.4		5/06/43-05/12/943 A	SW 2-20	3529	9518
	6.0		5/30/06-06/01/906 A	MR 1-20	3750	9541
	5.7		4/07/27-04/09/927 A	MR 3-11	3740	9529
27(	12)					
	6.0		4/17/27-04/21/927 A SW	2- 4	3441	9305
	4.3		4/06/22-04/11/922 A MR	2-28	3815	9321
	4.2		4/12/11-04/15/911 A LMV	1- 8	3433	9237
	3.9		5/09/18-05/13/918 A LMV	1-11	3620	9230
	3.7		5/25/93-05/29/893 A SW	1- 1	3444	9049
28(	7)					
	6.2		3/21/29-03/23/929 A	OR 7-15	3548	8538
	6.1		5/21/57-05/23/957 H	-	3744	8832
	5.4		3/25/02-03/29/902 A	LMV 2- 7	3442	8857
	5.4		3/15/19-03/17/919 A	LMV 1-12	3525	8839
	4.8(	500- 6)	3/11/63-03/12/963 H	-	3507	8522
29(	4)					
	4.2		3/14/12-03/15/912 A SA	2- 7	3519	8059
	3.7(	500- 6)	3/11/63-03/12/963 H	-	3448	8342
	2.8		3/26/86-04/01/886 H	-	3522	8247
	2.2		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	3.5		5/18/01-05/22/901 A	SA 2- 4	3432	7900
	2.0		5/07/24-05/12/924 A	SA 1-24	3802	7830
31(	0)					
32(	1)					
	0.9(	500- 6)	3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	2.7		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	9)					
	14.1		5/31/35-05/31/935 H	-	2920	9928
	9.3		5/25/29-05/30/929 A GM	4-26	3012	9813
	8.2		5/28/07-05/31/907 A LMV	3-13	2936	9538
	7.1		4/22/15-04/26/915 A GM	4- 1	3018	9742
	6.9		5/16/49-05/17/949 R	-	3249	9721
36(	20)					
	12.5		5/16/35-05/20/935 A	LMV 4-21	3059	9148
	11.6		4/12/27-04/16/927 A	LMV 4- 8	2940	9005
	9.1		5/02/35-05/07/935 A	LMV 4-20	3041	9144
	7.9		5/11/53-05/19/953 A	LMV 5- 4	3146	9149
	7.8		3/24/14-03/28/914 A	LMV 3-19	3046	9332
37(	8)					
	13.1		3/11/29-03/16/929 A LMV	2-20	3125	8604
	6.5		4/12/12-04/17/912 A LMV	2-11	3023	8945
	6.4		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	5.8		4/05/38-04/09/938 A GM	2-25	3208	8802
	5.7		4/12/74-04/14/974 H	-	3155	8942
38(	3)					
	3.8		5/21/06-05/26/906 A	SA 4- 9	3005	8151
	2.5		3/03/29-03/05/929 A	SA 3-19	3233	8414
	2.4		4/05/36-04/10/936 A	SA 3-21A	3344	8244
39(	1)					
	5.7		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	1)					
	7.3		4/14/42-04/17/942 A	SA 5- 7	2638	8008

FIVE GREATEST OBSERVED 200 SQUARE MILE- 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

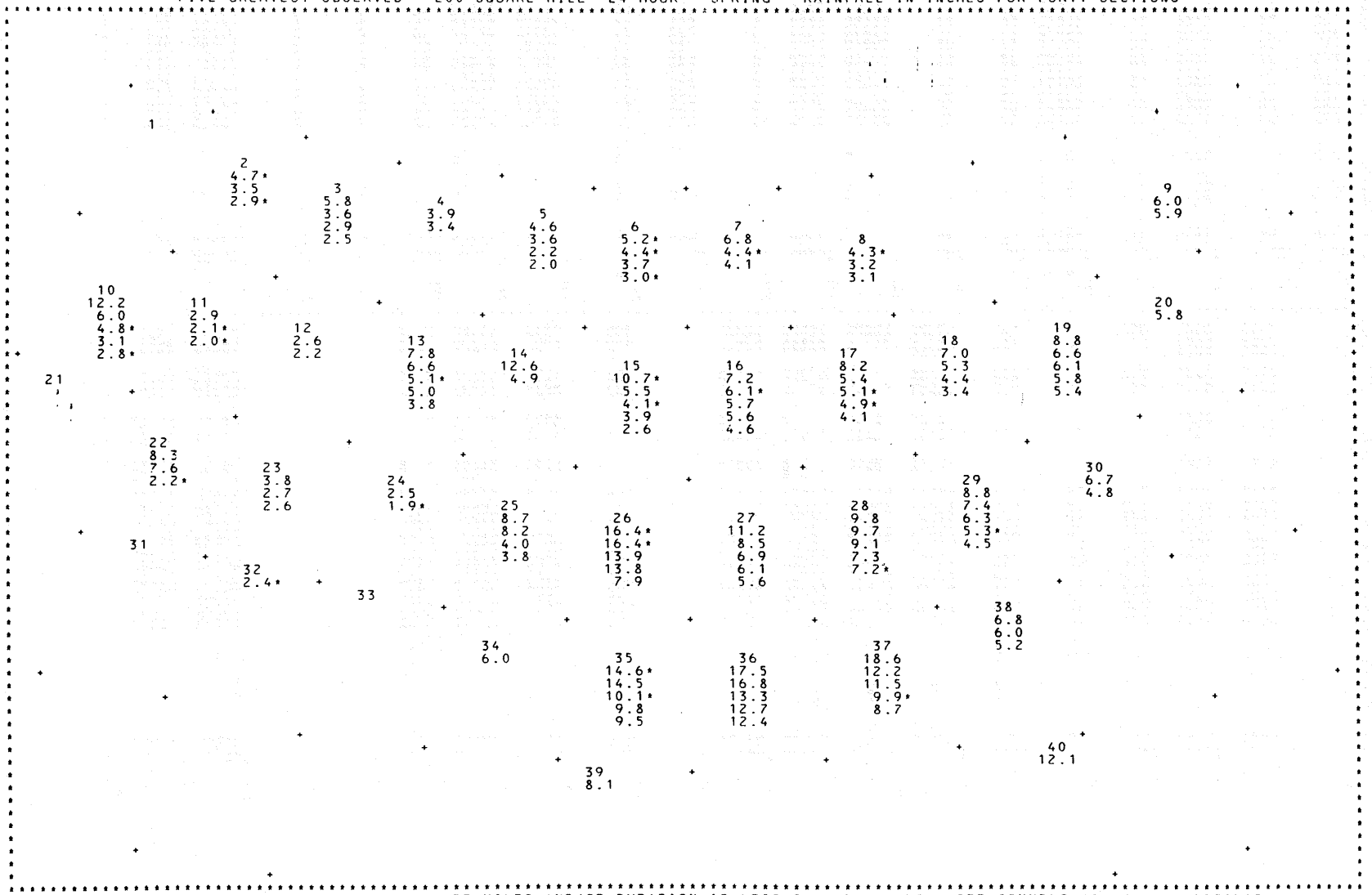


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	0)							
2(	3)							
	3.0(	430- 12)	3/24/35-03/26/935	H	-		4723	11524
	2.2		3/30/31-04/02/931	H	-		4601	11807
	1.8(	250- 12)	5/26/06-05/30/906	H	-		4548	11824
3(	4)							
	3.0		5/11/00-05/13/900	A	MR	5-11	4638	11162
	3.0		3/30/31-04/02/931	H	-		4630	11450
	2.0		5/19/02-05/20/902	A	MR	5-12	4830	11245
B	1.8		3/15/32-03/19/932	R	-		4410	11055
4(	2)							
	3.5		5/17/38-05/20/938	A	MR	5- 6	4550	10957
	2.3		4/22/00-04/24/900	A	MR	5-10	4550	10957
5(	4)							
	3.7		5/09/20 05/12/920	A	MR	4-17	4437	10324
	2.5		5/25/29-05/30/929	A	MR	4-27	4657	10349
	1.4		4/11/12-04/14/912	A	MR	5-19	4748	10328
	1.3		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	4.4(	1000- 12)	4/22/32-04/24/932	H	-		4600	9852
	4.3(	2000- 12)	4/25/54-04/27/954	H	-		4535	9555
	3.0(	1000- 12)	3/29/33-03/30/933	H	-		4658	9503
	2.3		3/02/66-03/05/966	H	-		4714	9835
7(	3)							
	4.2		5/27/42-05/31/942	H	-		4458	9306
	3.4		5/2/43-06/01/943	H	-		4412	9015
	3.0(	1000- 12)	5/18/60-05/21/960	H	-		4435	9335
8(	2)							
	2.6		4/05/19-04/11/919	A	GL	2-19	4453	8752
	1.9		4/27/09-05/02/909	H	-		4437	8447
9(	2)							
	4.3		3/09/36-03/15/936	H	-		4416	7115
	3.0		3/17/36-03/19/936	H	-		4416	7115
10(	6)							
	7.0		3/15/07-03/27/907	R	-		3955	12125
B	3.6(	1903- 12)	3/22/28-03/27/928	H	-		3905	12130
	3.5		5/09/15-05/11/915	R	-		3945	12115
	1.9		5/11/41-05/14/941	R	-		3930	12100
B	1.8(	25055- 12)	3/16/07-03/19/907	H	-		4000	12200
11(	3)							
B	1.8		5/15/11-05/15/911	R	-		4300	11645
B	1.7		4/05/25-04/06/925	R	-		4145	11525
B	1.3(	500- 12)	3/25/40-04/01/940	R	-		4305	11645
12(	2)							
B	2.3		4/07/35-04/09/935	R	-		4340	11410
	1.5		5/31/43-06/05/943	R	-		4036	11135
13(	8)							
	4.8		5/04/69-05/08/969	R	-		4016	10525
	3.9		4/14/21-04/16/921	A	MR	4-19	4043	10543
	3.8(	500- 12)	5/05/73-05/06/973	R	-		3955	10506
	3.1		5/29/94-05/31/894	A	MR	6-14	4004	10532
	2.4		5/01/04-05/03/904	A	MR	4- 6	4059	10511
14(	2)							
	12.6		5/30/35-05/31/935	A	MR	3-28A	3915	10432
	3.9		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	5)							
	10.7	-	5/08/50-05/08/950	H	-		4036	9628
	4.8		3/14/19-03/16/919	A	MR	2-19	3934	9507
	3.9(	500- 12)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
	3.7		5/10/44-05/12/944	A	MR	6-13	4212	9732
	2.4		5/25/47-05/30/947	A	MR	8- 6	4101	9553
16(	8)							
	6.6		5/28/41-05/31/941	H	-		4313	9147
	4.4		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	4.2		5/29/29-06/03/929	A	MR	3-25	4015	9402
	4.2		5/02/19-05/04/919	A	MR	2-20	4014	9440
	3.7(	200- 3)	5/22/41-05/22/941	A	UMV	2-19	3948	9111
17(	5)							
	6.5		5/26/56-05/28/956	H	-		4020	8810
	4.7(	1000- 12)	5/04/47-04/05/947	H	-		4134	8805
	4.1		5/17/27-05/19/927	A	UMV	4-12	4040	8941
	3.5(	1000- 12)	3/24/54-03/25/954	H	-		4123	8928
	3.1		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(	4)							
	5.4		3/23/13-03/27/913	A	OR	1-15	4022	8346
	4.2		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	2.5		5/10/14-05/12/914	A	GL	2-15	4154	8401
	2.5		3/13/18-03/14/918	A	GL	2-17	4217	8436
19(	8)							
	8.2		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	5.6		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	4.4		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	4.0		4/24/37-04/28/937	A	SA	5-13	3940	7754
	3.9		5/14/16-05/19/916	A	GL	1-15	4252	7752
20(	1)							
	5.4		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	3)							
	7.2		3/11/05-03/17/905	H	-		3418	11806
	4.2		4/04/26-04/09/926	H	-		3413	11803
	2.2(	200- 3)	3/03/43-03/05/943	H	-		3410	11803
23(	3)							
	3.0		4/05/26-04/10/926	H	-		3451	11200
	2.0		3/12/05-03/20/905	H	-		3419	11125
	1.6		4/09/05-04/13/905	H	-		3414	11247
24(	2)							
	1.6		4/19/33-04/22/933	R	-		3808	10528
B	1.3(	440- 12)	3/04/18-03/09/918	R	-		3845	10630
25(	4)							
	8.2		5/30/38-05/31/938	A	MR	3-29	3854	10145
	6.5		4/29/14-05/02/914	A	SW	1-16	3620	10306
	5.1		5/26/37-05/30/937	A	GM	5-17	3449	10344
	2.3		4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	10)							
	15.7		4/03/34-04/04/934	A	SW	2-11	3537	9940
	13.5		5/12/43-05/20/943	A	SW	2-21	3552	9604
	9.5		5/06/43-05/12/943	A	SW	2-20	3529	9518
	7.8		4/07/27-04/09/927	A	MR	3-11	3740	9529
	6.1		5/30/06-06/01/906	A	MR	1-20	3750	9541
27(	12)							
	9.2		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	6.2		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	5.6		3/31/17-04/02/917	A	UMV	3- 4	3549	9341
	5.5		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	5.4		4/06/22-04/11/922	A	MR	2-28	3815	9321
28(	7)							
	8.4		3/21/29-03/23/929	A	OR	7-15	3548	8538
	8.1		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	7.9		3/15/19-03/17/919	A	LMV	1-12	3525	8839
	6.5		5/21/57-05/23/957	H		-	3744	8832
	5.8(	500- 12)	3/11/63-03/12/963	H		-	3507	8522
29(	4)							
	6.0		3/14/12-03/15/912	A	SA	2- 7	3519	8059
	5.4		3/26/86-04/01/886	H		-	3522	8247
	4.7(	500- 12)	3/11/63-03/12/963	H		-	3448	8342
	3.3		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	2)							
	5.2		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	3.1		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	1.7(	500- 12)	3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	3.7		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	9)							
	14.6(	200- 10)	5/31/35-05/31/935	H		-	2920	9928
	12.1		5/25/29-05/30/929	A	GM	4-26	3012	9813
	9.9		5/16/49-05/17/949	R		-	3249	9721
	8.9		4/22/15-04/26/915	A	GM	4- 1	3018	9742
	8.5		3/28/45-04/02/945	A	SW	3- 5	3220	9545
36(	20)							
	15.7		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	12.6		5/16/35-05/20/935	A	LMV	4-21	3059	9148
	11.2		5/02/35-05/07/935	A	LMV	4-20	3041	9144
	11.2		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	10.6		3/24/14-03/28/914	A	LMV	3-19	3046	9332
37(	8)							
	14.4		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	9.7		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	8.2		4/12/74-04/14/974	H		-	3155	8942
	7.4		4/05/38-04/09/938	A	GM	2-25	3208	8802
	7.2		5/24/09-05/28/909	A	LMV	2- 9	3239	8953
38(	3)							
	6.4		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	3.6		3/03/29-03/05/929	A	SA	3-19	3233	8414
	3.6		4/05/36-04/10/936	A	SA	3-21A	3344	8244
39(	1)							
	6.2		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	1)							
	10.7		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 200 SQUARE MILE- 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

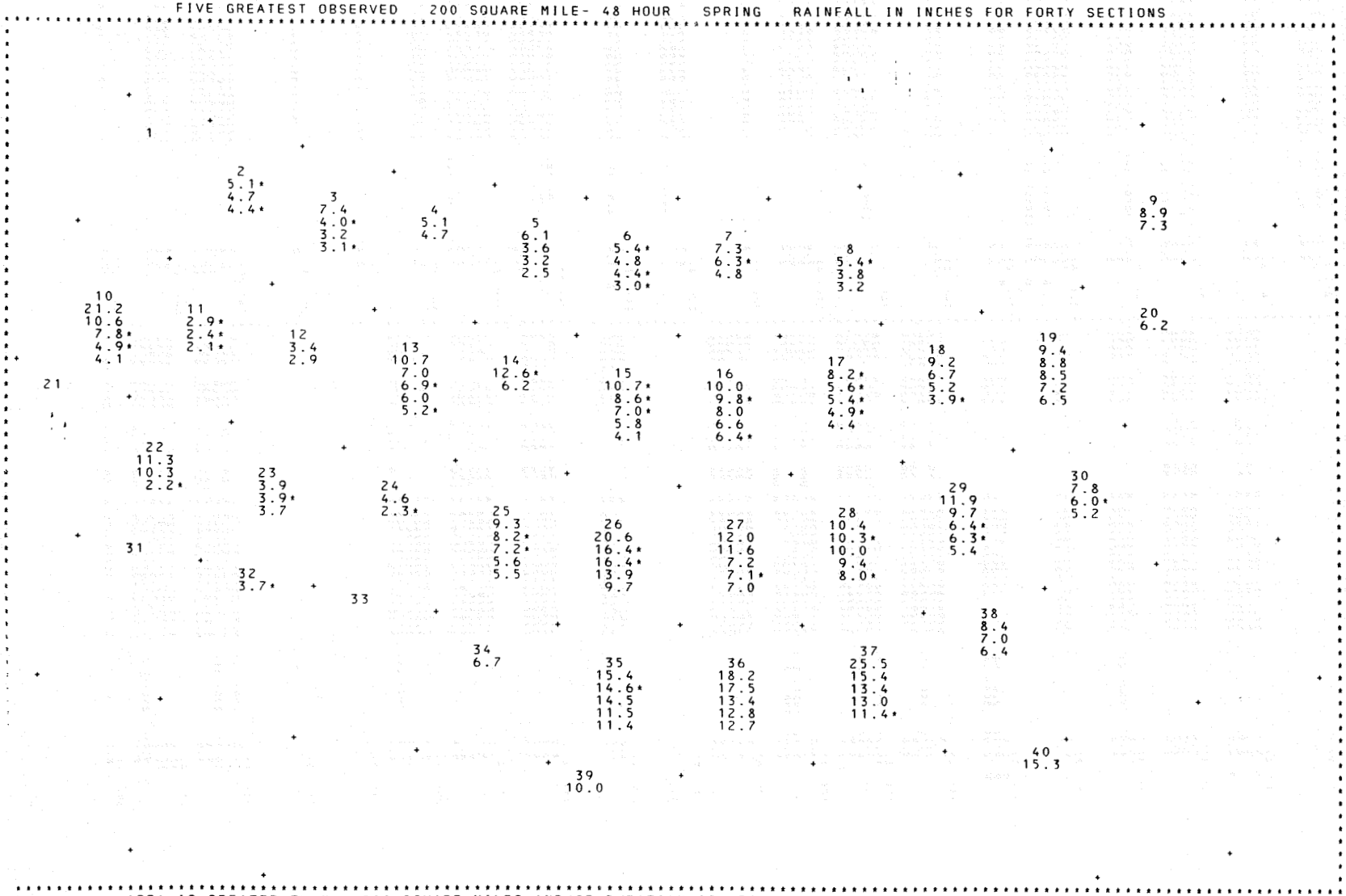


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	0)							
2(	3)							
	4.7(	430- 24)	3/24/35-03/26/935	H		-	4723	11524
	3.5		3/30/31-04/02/931	H		-	4601	11807
	2.9(	250- 24)	5/26/06-05/30/906	H		-	4548	11824
3(	4)							
	5.8		3/30/31-04/02/931	H		-	4630	11450
	3.6		5/11/00-05/13/900	A	MR	5-11	4638	11142
	2.9		5/19/02-05/20/902	A	MR	5-12	4830	11245
B	2.5		3/15/32-03/19/932	R		-	4410	11055
4(	2)							
	3.9		5/17/38-05/20/938	A	MR	5- 6	4550	10957
	3.4		4/22/00-04/24/900	A	MR	5-10	4550	10957
5(	4)							
	4.6		5/09/20-05/12/920	A	MR	4-17	4437	10324
	3.6		5/25/29-05/30/929	A	MR	4-27	4657	10349
	2.2		4/11/12-04/14/912	A	MR	5-19	4748	10328
	2.0		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	5.2(	2000- 24)	4/25/54-04/27/954	H		-	4535	9555
	4.4(	1000- 18)	4/22/32-04/24/932	H		-	4600	9852
	3.7		5/02/66-05/05/966	H		-	4714	9835
	3.0(	1000- 12)	3/29/33-03/30/933	H		-	4658	9503
7(	3)							
	6.8		5/27/42-05/31/942	H		-	4458	9306
	4.4(	1000- 24)	5/18/60-05/21/960	H		-	4435	9335
	4.1		5/28/43-06/01/943	H		-	4412	9015
8(	3)							
	4.3(	1000- 24)	4/28/14-04/29/914	H		-	4646	8458
	3.2		4/05/19-04/11/919	A	GL	2-19	4453	8752
	3.1		4/27/09-05/02/909	H		-	4437	8447
9(	2)							
	6.0		3/17/36-03/19/936	H		-	4416	7115
	5.9		3/09/36-03/15/936	H		-	4416	7115
10(	6)							
	12.2		3/15/07-03/27/907	R		-	3955	12125
	6.0		5/09/15-05/11/915	R		-	3965	12115
B	4.8(	1903- 24)	3/22/28-03/27/928	H		-	3905	12130
	3.1		5/11/41-05/14/941	R		-	3930	12100
B	2.8(	25055- 24)	3/16/07-03/19/907	H		-	4000	12200
11(	3)							
B	2.9		4/05/25-04/06/925	R		-	4145	11525
B	2.1(	200- 18)	5/15/11-05/15/911	R		-	4300	11645
B	2.0(	500- 24)	3/25/40-04/01/940	R		-	4305	11645
12(	2)							
B	2.6		4/07/35-04/09/935	R		-	4340	11410
	2.2		5/31/43-06/05/943	R		-	4036	11135
13(	8)							
	7.8		5/04/69-05/08/969	R		-	4016	10525
	6.6		4/14/21-04/16/921	A	MR	4-19	4043	10543
	5.1(	500- 24)	5/05/73-05/06/973	R		-	3955	10506
	5.0		5/29/94-05/31/894	A	MR	6-14	4006	10532
	3.8		5/01/04-05/03/904	A	MR	4- 6	4059	10511
14(	2)							
	12.6		5/30/35-05/31/935	A	MR	3-28A	3915	10432
	4.9		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	5)							
	10.7(	200- 12)	5/08/50-05/08/950	H		-	4036	9628
	5.5		3/14/19-03/16/919	A	MR	2-19	3934	9507
	4.1(	500- 20)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
	3.9		5/10/44-05/12/944	A	MR	6-13	4212	9732
	2.6		5/25/47-05/30/947	A	MR	8- 6	4101	9553
16(	9)							
	7.2		5/28/41-05/31/941	H		-	4313	9147
	6.1(	2000- 24)	4/22/97-04/24/897	H		-	4053	9400
	5.7		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	5.6		5/29/29-06/03/929	A	MR	3-25	4015	9402
	4.6		5/30/19-06/04/919	A	MR	2-21	4047	9320
17(	5)							
	8.2		5/26/56-05/28/956	H		-	4020	8810
	5.4		5/17/27-05/19/927	A	UMV	4-12	4040	8941
	5.1(	1000- 24)	4/04/47-04/05/947	H		-	4134	8805
	4.9(	1000- 24)	3/24/54-03/25/954	H		-	4123	8928
	4.1		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(	4)							
	7.0		3/23/13-03/27/913	A	OR	1-15	4022	8346
	5.3		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	4.4		5/10/14-05/12/914	A	GL	2-15	4154	8401
	3.4		3/13/18-03/14/918	A	GL	2-17	4217	8436
19(	8)							
	8.8		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	6.6		4/24/37-04/28/937	A	SA	5-13	3940	7754
	6.1		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	5.8		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	5.4		5/25/46-05/28/946	A	NA	2-12	4120	7745
20(	1)							
	5.8		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	3)							
	8.3		3/11/05-03/17/905	H		-	3418	11806
	7.6		4/04/26-04/09/926	H		-	3413	11803
	2.2(	200- 3)	3/03/43-03/05/943	H		-	3410	11803
23(	3)							
	3.8		4/05/26-04/10/926	H		-	3451	11200
	2.7		4/09/05-04/13/905	H		-	3414	11247
	2.6		3/12/05-03/20/905	H		-	3419	11125
24(	2)							
	2.5		4/19/33-04/22/933	R		-	3808	10528
B	1.9(	440- 24)	3/04/18-03/09/918	R		-	3845	10630
25(	4)							
	8.7		4/29/14-05/02/914	A	SW	1-16	3620	10306
	8.2		5/30/38-05/31/938	A	MR	3-29	3854	10145
	4.0		5/26/37-05/30/937	A	GM	5-17	3449	10344
	3.8		4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	12)							
	16.4(	200- 18)	4/03/34-04/04/934	A	SW	2-11	3537	9940
	16.4(	200- 20)	5/15/57-05/16/957	H		-	3602	9756
	13.9		5/12/43-05/20/943	A	SW	2-21	3552	9604
	13.8		5/06/43-05/12/943	A	SW	2-20	3529	9518
	7.9		5/25/03-05/31/903	A	MR	1- 9	3849	9736
27(	12)							
	11.2		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	8.5		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	6.9		3/24/64-03/26/904	A	UMV	2- 4	3659	9159
	6.1		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	5.6		4/12/11-04/15/911	A	LMV	1- 8	3433	9237
28(	7)							
	9.8		3/15/19-03/17/919	A	LMV	1-12	3525	8839
	9.7		3/21/29-03/23/929	A	OR	7-15	3548	8538
	9.1		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	7.3		5/21/57-05/23/957	H		-	3744	8832
	7.2(	500- 24)	3/11/63-03/12/963	H		-	3507	8522
29(	5)							
	8.8		3/26/86-04/01/886	H		-	3522	8247
	7.4		3/01/67-03/07/867	H		-	3507	8325
	6.3		3/14/12-03/15/912	A	SA	2- 7	3519	8059
	5.3(	500- 24)	3/11/63-03/12/963	H		-	3448	8342
	4.5		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	2)							
	6.7		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	4.8		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	2.4(	500- 24)	3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	6.0		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	9)							
	14.6(	200- 10)	5/31/35-05/31/935	H		-	2920	9928
	14.5		5/25/29-05/30/929	A	GM	4-26	3012	9813
	10.1(	200- 18)	5/16/49-05/17/949	R		-	3249	9721
	9.8		5/28/07-05/31/907	A	LMV	3-13	2936	9538
	9.5		4/22/15-04/26/915	A	GM	4- 1	3018	9742
36(	20)							
	17.5		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	16.8		5/11/53-05/19/953	A	LMV	5- 4	3166	9149
	13.3		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	12.7		5/16/35-05/20/935	A	LMV	4-21	3059	9148
	12.4		5/02/35-05/07/935	A	LMV	4-20	3041	9144
37(	9)							
	18.6		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	12.2		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	11.5		4/12/74-04/14/974	H		-	3155	8942
	9.9(	250- 24)	3/22/97-03/23/897	H		-	3120	8537
	8.7		5/30/09-06/04/909	A	LMV	2-10	3013	8935
38(	3)							
	6.8		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	6.0		3/03/29-03/05/929	A	SA	3-19	3233	8414
	5.2		4/05/36-04/10/936	A	SA	3-21A	3344	8244
39(	1)							
	8.1		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	1)							
	12.1		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 200 SQUARE MILE- 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

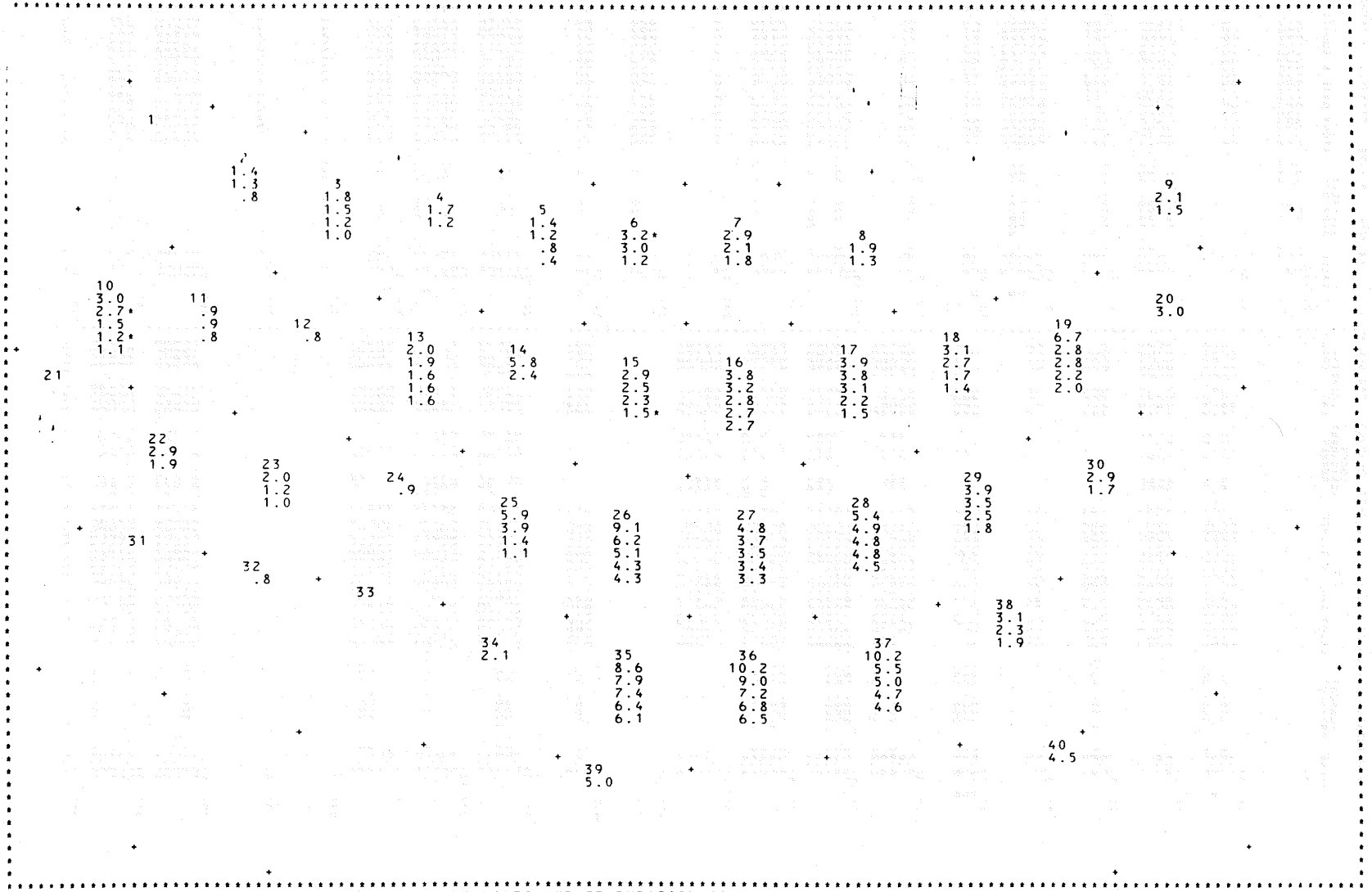


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	3)						
	5.1(	430- 48)	3/24/35-03/26/935 H		-	4723	11524
	4.7		3/30/31-04/02/931 H		-	4601	11807
	4.4(	250- 48)	5/26/06-05/30/906 H		-	4548	11824
3(	4)						
	7.4		3/30/31-04/02/931 H		-	4630	11450
	4.0(	200- 42)	5/11/60-05/13/900 A	MR	5-11	4638	11142
B	3.2		3/15/32-03/19/932 R		-	4410	11055
	3.1(	200- 30)	5/19/02-05/20/902 A	MR	5-12	4830	11245
4(	2)						
	5.1		4/22/00-04/24/900 A	MR	5-10	4550	10957
	4.7		5/17/38-05/20/938 A	MR	5- 6	4550	10957
5(	4)						
	6.1		5/09/20-05/12/920 A	MR	4-17	4437	10324
	3.6		5/25/29-05/30/929 A	MR	4-27	4657	10349
	3.2		4/11/12-04/14/912 A	MR	5-19	4768	10328
	2.5		3/13/43-03/17/943 A	MR	6-11	4853	10423
6(	4)						
	5.4(	2000- 30)	4/25/54-04/27/954 H		-	4535	9555
	4.8		3/02/66-03/05/966 H		-	4714	9835
	4.4(	1000- 18)	4/22/32-04/24/932 H		-	4600	9852
	3.0(	1000- 12)	3/29/33-03/30/933 H		-	4658	9503
7(	3)						
	7.3		5/27/42-05/31/942 H		-	4458	9306
	6.3(	1000- 48)	5/18/60-05/21/960 H		-	4435	9335
	4.8		5/28/43-06/01/943 H		-	4412	9015
8(	3)						
	5.4(	1000- 42)	4/28/14-04/29/914 H		-	4646	8458
	3.8		4/27/09-05/02/909 H		-	4437	8447
	3.2		4/05/19-04/11/919 A	GL	2-19	4453	8752
9(	2)						
	8.9		3/17/36-03/19/936 H		-	4416	7115
	7.3		3/09/36-03/15/936 H		-	4416	7115
10(	6)						
	21.2		3/15/07-03/27/907 R		-	3955	12125
	10.6		5/09/15-05/11/915 R		-	3945	12115
B	7.8(	1903- 48)	3/22/28-03/27/928 H		-	3905	12130
B	4.9(	25055- 48)	3/16/07-03/19/907 H		-	4000	12200
	4.1		5/11/41-05/14/941 R		-	3930	12100
11(	3)						
B	2.9(	200- 24)	4/05/25-04/06/925 R		-	4145	11525
B	2.4(	500- 48)	3/25/40-04/01/940 R		-	4305	11645
B	2.1(	200- 18)	5/15/11-05/15/911 R		-	4300	11645
12(	2)						
B	3.4		4/07/35-04/09/935 R		-	4340	11410
	2.9		5/31/43-06/05/943 R		-	4036	11135
13(	8)						
	10.7		5/04/69-05/08/969 R		-	4016	10525
	7.0		5/29/94-05/31/894 A	MR	6-14	4004	10532
	6.9(	200- 42)	4/14/21-04/16/921 A	MR	4-19	4043	10543
	6.0		5/01/04-05/03/904 A	MR	4- 6	4059	10511
	5.2(	500- 30)	5/05/73-05/06/973 R		-	3955	10506
14(	2)						
	12.6(	200- 24)	5/30/35-05/31/935 A	MR	3-28A	3915	10432
	6.2		5/05/27-05/09/927 A	MR	4-25	4350	10116
15(	6)						
	10.7(	200- 12)	5/08/50-05/08/950 H		-	4036	9628
	8.6(	200- 36)	5/30/51-06/02/951 H		-	4118	9708
	7.0(	200- 42)	5/10/44-05/12/944 A	MR	6-13	4212	9732
	5.8		3/14/19-03/16/919 A	MR	2-19	3934	9507
	4.1		5/25/47-05/30/947 A	MR	8- 6	4101	9553
16(	10)						
	10.0		5/25/15-05/29/915 A	MR	2- 7	3911	9353
	9.8(	200- 30)	5/16/74-05/18/974 H		-	3921	9447
	8.0		5/28/41-05/31/941 H		-	4313	9147
	6.6		5/30/19-06/04/919 A	MR	2-21	4047	9320
	6.4(	2000- 48)	4/22/97-04/24/897 H		-	4053	9400
17(	5)						
	8.2(	200- 24)	5/26/56-05/28/956 H		-	4020	8810
	5.6(	1000- 42)	4/04/47-04/05/947 H		-	4134	8805
	5.4(	200- 36)	5/17/27-05/19/927 A	UMV	4-12	4040	8941
	4.9(	1000- 24)	3/24/54-03/25/954 H		-	4123	8928
	4.4		3/09/39-03/12/939 A	UMV	4-16	3929	8811
18(	4)						
	9.2		3/23/13-03/27/913 A	OR	1-15	4022	8346
	6.7		5/19/12-05/22/912 A	GL	3- 1	4359	8429
	5.2		5/10/14-05/12/914 A	GL	2-15	4154	8401
	3.9(	200- 36)	3/13/18-03/14/918 A	GL	2-17	4217	8436
19(	8)						
	9.4		5/30/89-06/01/889 A	SA	1- 1	4145	7717
	8.8		4/24/37-04/28/937 A	SA	5-13	3940	7754
	8.5		5/17/94-05/22/894 A	NA	1- 4	3926	7514
	7.2		5/19/42-05/23/942 A	NA	2- 5	4068	7608
	6.5		3/16/36-03/21/936 A	SA	1-27	3921	7845
20(	1)						
	6.2		4/11/33-04/14/933 A	NA	1-23	4308	7056
21(	0)						
22(	3)						
	11.3		4/04/26-04/09/926 H		-	3413	11803
	10.3		3/11/05-03/17/905 H		-	3418	11806
	2.2(	200- 3)	3/03/43-03/05/943 H		-	3410	11803
23(	3)						
	3.9		3/12/05-03/20/905 H		-	3419	11125
	3.9(	200- 36)	4/05/26-04/07/926 H		-	3451	11200
	3.7		4/09/05-04/13/905 H		-	3414	11247
24(	2)						
	4.6		4/19/33-04/22/933 R		-	3808	10528
B	2.3(	440- 48)	3/04/18-03/09/918 R		-	3845	10636
25(	5)						
	9.3		4/29/14-05/02/914 A	SW	1-16	3620	10306
	8.2(	200- 30)	5/30/38-05/31/938 A	MR	3-29	3854	10145
	7.2(	2000- 48)	4/04/00-04/05/900 H		-	3724	10237
	5.6		4/17/42-04/21/942 A	SW	3- 6	3655	10258
	5.5		5/26/37-05/30/937 A	GM	5-17	3449	10344
26(	12)						
	20.6		5/06/43-05/12/943 A	SW	2-20	3529	9518
	16.4(	200- 18)	4/03/34-04/04/934 A	SW	2-11	3537	9940
	16.4(	200- 20)	5/15/57-05/16/957 H		-	3602	9756
	13.9		5/12/43-05/20/943 A	SW	2-21	3552	9604
	9.7		5/25/03-05/31/903 A	MR	1- 9	3849	9736
27(	12)						
	12.0		5/25/93-05/29/893 A	SW	1- 1	3444	9049
	11.6		4/17/27-04/21/927 A	SW	2- 4	3441	9305
	7.2		5/09/18-05/13/918 A	LMV	1-11	3620	9230
	7.1(	200- 42)	3/24/04-03/26/904 A	UMV	2- 4	3659	9159
	7.0		4/12/11-04/15/911 A	LMV	1- 8	3433	9237
28(	7)						
	10.4		3/25/02-03/29/902 A	LMV	2- 7	3442	8857
	10.3(	200- 36)	3/15/19-03/17/919 A	LMV	1-12	3525	8839
	10.0		3/21/29-03/23/929 A	OR	7-15	3548	8538
B	9.4		3/11/75-03/14/975 H		-	3558	8613
	8.0(	500- 42)	3/11/63-03/12/963 H		-	3507	8522
29(	5)						
	11.9		3/26/86-04/01/886 H		-	3522	8247
	9.7		3/07/67-03/07/867 H		-	3507	8325
	6.4(	500- 42)	3/11/63-03/12/963 H		-	3448	8342
	6.3(	200- 30)	3/14/12-03/15/912 A	SA	2- 7	3519	8059
	5.4		3/12/18-03/15/918 A	OR	3-10	3815	8034
30(	3)						
	7.8		5/18/01-05/22/901 A	SA	2- 4	3432	7900
	6.0(	200- 36)	4/17/10-04/18/910 H		-	3650	7740
	5.2		5/07/24-05/12/924 A	SA	1-24	3802	7830
31(	0)						
32(	1)						
	3.7(	500- 48)	3/11/41-03/17/941 H		-	3323	11100
33(	0)						
34(	1)						
	6.7		5/20/41-05/25/941 A	GM	5-18	3307	10312
35(	9)						
	15.4		3/28/45-04/02/945 A	SW	3- 5	3220	9545
	14.6(	200- 10)	5/31/35-05/31/935 H		-	2920	9928
	14.5		5/25/29-05/30/929 A	GM	4-26	3012	9813
	11.5		5/28/07-05/31/907 A	LMV	3-13	2936	9538
	11.4		5/22/36-05/28/936 A	GM	5- 5	2955	9653
36(	20)						
	18.2		5/11/53-05/19/953 A	LMV	5- 4	3144	9149
	17.5		4/12/27-04/16/927 A	LMV	4- 8	2940	9005
	13.4		4/23/53-05/04/953 A	LMV	5- 3	3104	9312
	12.8		4/24/14-04/28/914 A	GM	3-26	3044	9332
	12.7		5/16/35-05/20/935 A	LMV	4-21	3059	9148
37(	9)						
	25.5		3/11/29-03/16/929 A	LMV	2-20	3125	8604
	15.4		4/12/74-04/14/974 H		-	3155	8942
	13.4		4/15/00-04/18/900 A	LMV	2- 5	3247	8750
	13.0		4/05/38-04/09/938 A	GM	2-25	3208	8802
	11.4(	250- 48)	3/22/97-03/23/897 H		-	3120	8537
38(	3)						
	8.4		5/21/06-05/26/906 A	SA	4- 9	3005	8151
	7.0		4/05/36-04/10/936 A	SA	3-21A	3344	8244
	6.4		3/03/29-03/05/929 A	SA	3-19	3233	8414
39(	1)						
	10.0		5/27/25-05/29/925 A	GM	4-21	2843	10030
40(	1)						
	15.3		4/14/42-04/17/942 A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

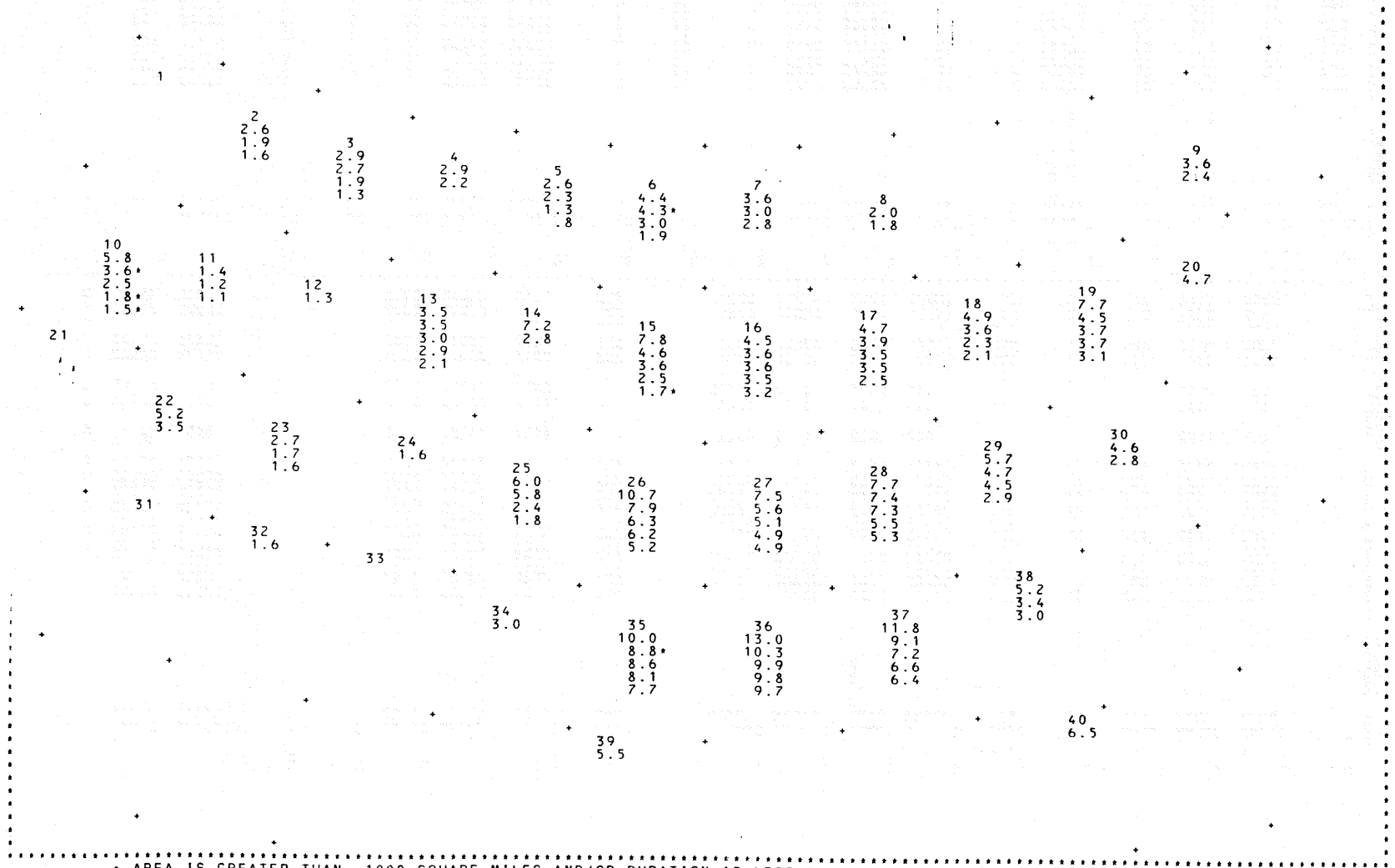


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)					
2(	3)					
	1.4		3/24/35-03/26/935 H	-	4723	11524
	1.3		3/30/31-04/02/931 H	-	4601	11807
	0.8		5/26/06-05/30/906 H	-	4548	11824
3(	4)					
	1.8		3/30/31-04/02/931 H	-	4630	11450
	1.5		5/11/00-05/13/900 A MR	5-11	4638	11142
	1.2		5/19/02-05/20/902 A MR	5-12	4830	11245
B	1.0		3/15/32-03/19/932 R	-	4410	11055
4(	2)					
	1.7		5/17/38-05/20/938 A MR	5- 6	4550	10957
	1.2		4/22/00-04/24/900 A MR	5-10	4550	10957
5(	4)					
	1.4		5/23/29-05/30/929 A MR	4-27	4657	10349
	1.2		5/09/20-05/12/920 A MR	4-17	4437	10324
	0.8		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.4		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	3)					
	3.2(	2000- 6)	4/25/54-04/27/954 H	-	4535	9555
	3.0		4/22/32-04/24/932 H	-	4600	9852
	1.2		3/02/66-03/05/966 H	-	4714	9835
7(	3)					
	2.9		5/27/42-05/31/942 H	-	4458	9306
	2.1		5/28/43-06/01/943 H	-	4412	9015
	1.8		5/18/60-05/21/960 H	-	4435	9335
8(	2)					
	1.9		4/05/19-04/11/919 A GL	2-19	4453	8752
	1.3		4/27/09-05/02/909 H	-	4437	8447
9(	2)					
	2.1		3/09/36-03/15/936 H	-	4416	7115
	1.5		3/17/36-03/19/936 H	-	4416	7115
10(	6)					
	3.0		3/15/07-03/27/907 R	-	3955	12125
B	2.7(	1903- 6)	3/22/28-03/27/928 H	-	3905	12130
	1.5		5/09/15-05/11/915 R	-	3945	12115
B	1.2(	25055- 6)	3/22/28-03/27/928 H	-	4000	12200
	1.1		5/11/41-05/14/941 R	-	3930	12100
11(	3)					
B	0.9		4/05/25-04/06/925 R	-	4145	11525
B	0.9		5/15/11-05/15/911 R	-	4300	11645
B	0.8		3/25/40-04/01/940 R	-	4305	11645
12(	1)					
	0.8		5/31/43-06/05/943 R	-	4036	11135
13(	8)					
	2.0		5/05/73-05/06/973 R	-	3955	10506
	1.9		5/04/69-05/08/969 R	-	4016	10525
	1.6		4/14/21-04/16/921 A MR	4-19	4043	10543
	1.6		5/29/94-05/31/894 A MR	6-14	4004	10532
	1.6		5/01/04-05/03/904 A MR	4- 6	4059	10511
14(	2)					
	5.8		5/30/35-05/31/935 A MR	3-28A	3915	10432
	2.4		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	4)					
	2.9		3/14/19-03/16/919 A MR	2-19	3934	9507
	2.5		5/10/44-05/12/944 A MR	6-13	4212	9732
	2.3		5/31/47-06/01/947 A MR	8- 8	4142	9721
	1.5(	3000- 6)	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	7)					
	3.8		5/28/41-05/31/941 H	-	4313	9147
	3.2		5/02/19-05/04/919 A MR	2-20	4014	9440
	2.8		5/30/19-06/04/919 A MR	2-21	4047	9320
	2.7		5/29/29-06/03/929 A MR	3-25	4015	9402
	2.7		5/25/15-05/29/915 A MR	2- 7	3911	9353
17(	5)					
	3.9		4/04/47-04/05/947 H	-	4134	8805
	3.8		5/17/27-05/19/927 A UMV	4-12	4040	8941
	3.1		5/24/56-05/28/956 H	-	4020	8810
	2.2		3/24/54-03/25/954 H	-	4123	8928
	1.5		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	4)					
	3.1		3/23/13-03/27/913 A OR	1-15	4022	8346
	2.7		5/19/12-05/22/912 A GL	3- 1	4359	8429
	1.7		5/10/14-05/12/914 A GL	2-15	4154	8401
	1.4		3/13/18-03/14/918 A GL	2-17	4217	8436
19(	8)					
	6.7		5/30/89-06/01/889 A SA	1- 1	4145	7717
	2.8		5/14/16-05/19/916 A GL	1-15	4252	7752
	2.8		5/19/42-05/23/942 A NA	2- 5	4048	7608
	2.2		5/17/94-05/22/894 A NA	1- 4	3926	7514
	2.0		4/24/37-04/28/937 A SA	5-13	3940	7754
20(	1)					
	3.0		4/11/33-04/14/933 A NA	1-23	4308	7056
21(	0)					
22(	2)					
	2.9		3/11/05-03/17/905 H	-	3418	11806
	1.9		4/04/26-04/09/926 H	-	3413	11803
23(	3)					
	2.0		4/05/26-04/10/926 H	-	3451	11200
	1.2		4/09/05-04/13/905 H	-	3414	11247
	1.0		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	0.9		4/19/33-04/22/933 R	-	3808	10528
25(	4)					
	5.9		5/30/38-05/31/938 A MR	3-29	3854	10145
	3.9		4/29/14-05/02/914 A SW	1-16	3620	10306
	1.4		5/29/37-05/30/937 A GM	5-17	3449	10344
	1.1		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	10)					
	9.1		4/03/34-04/04/934 A SW	2-11	3537	9940
	6.2		5/12/43-05/20/943 A SW	2-21	3552	9604
	5.1		5/30/06-06/01/906 A MR	1-20	3750	9541
	4.3		5/06/43-05/12/943 A SW	2-20	3529	9518
	4.3		4/07/27-04/09/927 A MR	3-11	3740	9529
27(	12)					
	4.8		4/17/27-04/21/927 A SW	2- 4	3441	9305
	3.7		4/06/22-04/11/922 A MR	2-28	3815	9321
	3.5		4/12/11-04/15/911 A LMV	1- 8	3433	9237
	3.4		5/25/93-05/29/893 A SW	1- 1	3444	9049
	3.3		5/09/18-05/13/918 A LMV	1-11	3620	9230
28(	7)					
	5.4		3/21/29-03/23/929 A OR	7-15	3548	8538
	4.9		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	4.8		3/15/19-03/17/919 A LMV	1-12	3525	8839
	4.8		5/21/57-05/23/957 H	-	3744	8832
	4.5		3/11/63-03/12/963 H	-	3507	8522
29(	4)					
	3.9		3/14/12-03/15/912 A SA	2- 7	3519	8059
	3.5		3/11/63-03/12/963 H	-	3448	8342
	2.5		3/26/86-04/01/886 H	-	3522	8247
	1.8		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	2.9		5/18/01-05/22/901 A SA	2- 4	3432	7900
	1.7		5/07/24-05/12/924 A SA	1-24	3802	7830
31(	0)					
32(	1)					
	0.8		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	2.1		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	9)					
	8.6		5/31/35-05/31/935 H	-	2920	9928
	7.9		5/25/29-05/30/929 A GM	4-26	3012	9813
	7.4		5/28/07-05/31/907 A LMV	3-13	2936	9538
	6.4		4/22/15-04/26/915 A GM	4- 1	3018	9742
	6.1		5/16/49-05/17/949 R	-	3249	9721
36(	20)					
	10.2		5/16/35-05/20/935 A LMV	4-21	3059	9148
	9.0		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	7.2		3/24/14-03/28/914 A LMV	3-19	3144	9132
	6.8		3/11/21-03/14/921 A LMV	2-15	3106	9028
	6.5		5/02/35-05/07/935 A LMV	4-20	3041	9144
37(	8)					
	10.2		3/11/29-03/16/929 A LMV	2-20	3125	8604
	5.5		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	5.0		4/12/14-04/14/974 H	-	3155	8942
	4.7		4/05/38-04/09/938 A GM	2-25	3208	8802
	4.6		5/24/09-05/28/909 A LMV	2- 9	3239	8953
38(	3)					
	3.1		5/21/06-05/26/906 A SA	4- 9	3005	8151
	2.3		3/03/29-03/05/929 A SA	3-19	3233	8414
	1.9		4/05/36-04/10/936 A SA	3-21A	3344	8244
39(	1)					
	5.0		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	1)					
	4.5		4/14/42-04/17/942 A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS



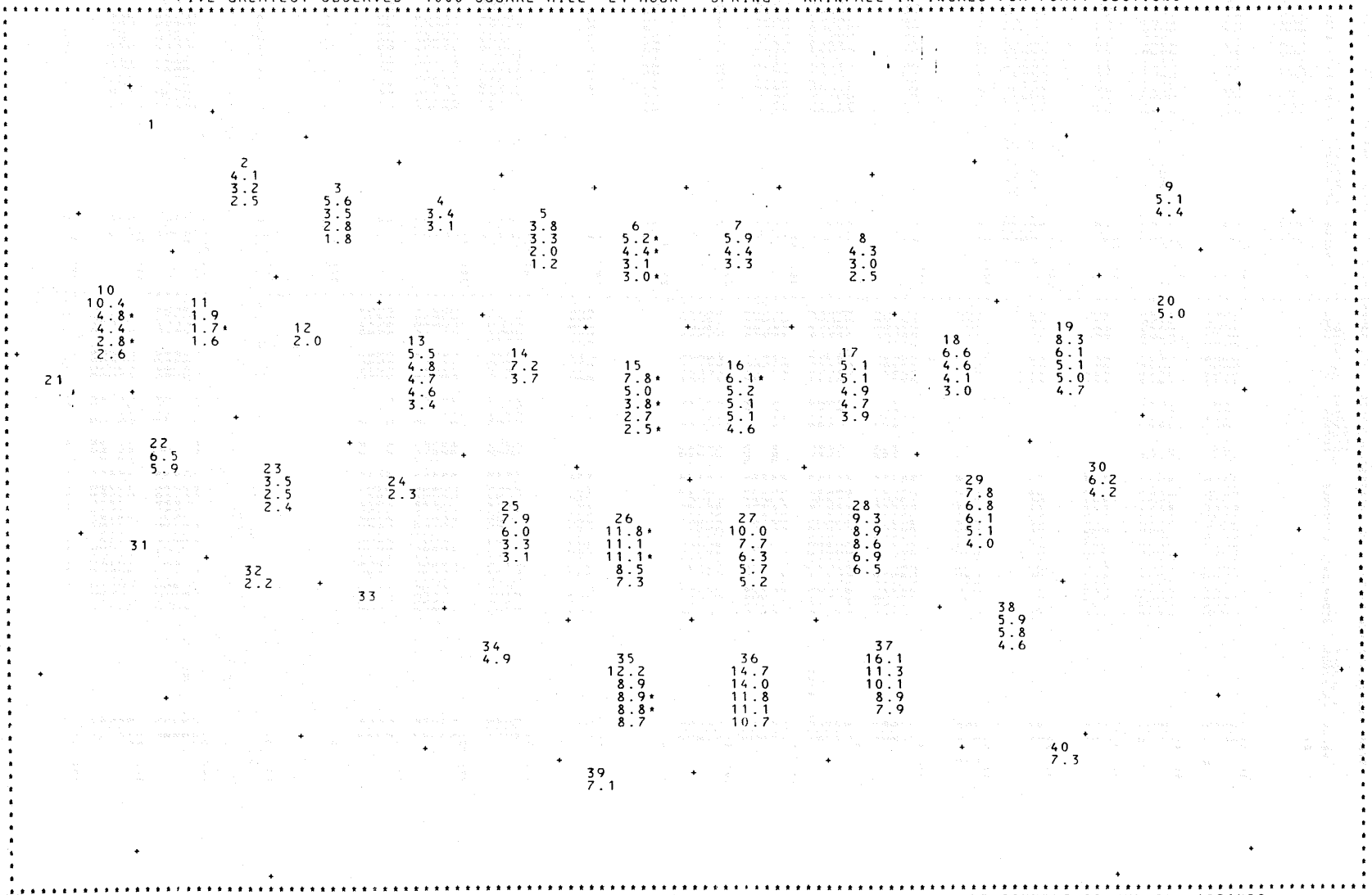
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	0)							
3(	4)							
	2.9		3/30/31-04/02/931 H		-		4630	11450
	2.7		5/11/00-05/13/900 A	MR	5-11		4638	11142
	1.9		5/19/02-05/20/902 A	MR	5-12		4830	11245
B	1.3		3/15/32-03/19/932 R		-		4410	11055
5(	4)							
	2.6		5/09/20-05/12/920 A	MR	4-17		4437	10324
	2.3		5/25/29-05/30/929 A	MR	4-27		4657	10349
	1.3		4/11/12-04/14/912 A	MR	5-19		4748	10328
	0.8		3/13/43-03/17/943 A	MR	6-11		4853	10423
7(	3)							
	3.6		5/27/42-05/31/942 H		-		4458	9306
	3.0		5/18/60-05/21/960 H		-		4435	9335
	2.8		5/28/43-06/01/943 H		-		4412	9015
9(	2)							
	3.6		3/09/36-03/15/936 H		-		4416	7115
	2.4		3/17/36-03/19/936 H		-		4416	7115
11(	3)							
B	1.4		5/15/11-05/15/911 R		-		4300	11645
B	1.2		3/25/40-04/01/940 R		-		4305	11645
B	1.1		4/05/25-04/06/925 R		-		4145	11525
13(	8)							
	3.5		5/05/73-05/06/973 R		-		3955	10506
	3.5		5/04/69-05/08/969 R		-		4016	10525
	3.0	-	4/14/21-04/16/921 A	MR	4-19		4043	10543
	2.9	-	5/29/94-05/31/894 A	MR	6-14		4004	10532
	2.1	-	5/01/04-05/03/904 A	MR	4- 6		4059	10511
15(	5)							
	7.8		5/08/50-05/08/950 H		-		4036	9628
	4.6		3/14/19-03/16/919 A	MR	2-19		3934	9507
	3.6		5/31/47-06/01/947 A	MR	8- 8		4142	9721
	2.5		5/10/44-05/12/944 A	MR	6-13		4212	9732
	1.7(	3000- 12)	5/25/47-05/30/947 A	MR	8- 6		4101	9553
17(	5)							
	4.7		4/04/47-04/05/947 H		-		4134	8805
	3.9		5/17/27-05/19/927 A	UMV	4-12		4040	8941
	3.5		3/24/54-03/25/954 H		-		4123	8928
	3.5		5/26/56-05/28/956 H		-		4020	8810
	2.5		3/09/39-03/12/939 A	UMV	4-16		3929	8811
19(	8)							
	7.7		5/30/89-06/01/889 A	SA	1- 1		4145	7717
	4.5		5/19/42-05/23/942 A	NA	2- 5		4048	7608
	3.7		4/24/37-04/28/937 A	SA	5-13		3940	7754
	3.7		5/17/94-05/22/894 A	NA	1- 4		3926	7514
	3.1		5/14/16-05/19/916 A	GL	1-15		4252	7752
21(	0)							
23(	3)							
	2.7		4/05/26-04/10/926 H		-		3451	11200
	1.7		3/12/05-03/20/905 H		-		3419	11125
	1.6		4/09/05-04/13/905 H		-		3414	11247
25(	4)							
	6.0		5/30/38-05/31/938 A	MR	3-29		3854	10145
	5.8		4/29/14-05/02/914 A	SW	1-16		3620	10306
	2.4		5/29/37-05/30/937 A	GM	5-17		3449	10344
	1.8		4/17/42-04/21/942 A	SW	3- 6		3655	10258
27(	12)							
	7.5		4/17/27-04/21/927 A	SW	2- 4		3441	9305
	5.6		5/25/93-05/29/893 A	SW	1- 1		3444	9049
	5.1		5/09/18-05/13/918 A	LMV	1-11		3620	9230
	4.9		4/06/22-04/11/922 A	MR	2-28		3815	9321
	4.9		3/31/17-04/02/917 A	UMV	3- 4		3549	9341
29(	4)							
	5.7		3/14/12-03/15/912 A	SA	2- 7		3519	8059
	4.7		3/26/86-04/01/886 H		-		3522	8247
	4.5		3/11/63-03/12/963 H		-		3448	8342
	2.9		3/12/18-03/15/918 A	OR	3-10		3815	8034
31(	0)							
33(	0)							
35(	9)							
	10.0		[illegible] A	GM	[illegible]		[illegible]	
	8.8(	1000- 10)	5/31/35-05/31/935 H		-		2920	9928
	8.6		5/16/49-05/17/949 R		-		3249	9721
	8.1		4/22/15-04/26/915 A	GM	4- 1		3018	9742
	7.7		5/28/07-05/31/907 A	LMV	3-13		2936	9538
37(	8)							
	11.8		3/11/29-03/15/929 A	LMV	2-20		3125	8604
	9.1		4/15/27-04/18/900 A	LMV	2- 5		3247	8750
	7.2		4/12/74-04/14/974 H		-		3155	8942
	6.6		5/24/09-05/28/909 A	LMV	2- 9		3239	8953
	6.4		4/05/38-04/09/938 A	GM	2-25		3208	8802
39(	1)							
	5.5		[illegible]/25-05/29/925 A	GM	4-21		2843	10030

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	3)							
	2.6		3/24/35-03/26/935 H		-		4723	11524
	1.9		3/30/31-04/02/931 H		-		4601	11807
	1.6		5/26/06-05/30/906 H		-		4548	11824
4(	2)							
	2.9		5/17/38-05/20/938 A	MR	5- 6		4550	10957
	2.2		4/22/00-04/24/900 A	MR	5-10		4550	10957
6(	4)							
	4.4		4/22/32-04/24/932 H		-		4600	9852
	4.3(	2000- 12)	4/25/54-04/27/954 H		-		4535	9555
	3.0		3/29/33-03/30/933 H		-		4658	9503
	1.9		3/02/66-03/05/966 H		-		4714	9835
8(	2)							
	2.0		4/05/19-04/11/919 A	GL	2-19		4453	8752
	1.8		4/27/09-05/02/909 H		-		4437	8447
10(	6)							
	5.8		3/15/07-03/27/907 R		-		3955	12125
B	3.6(	1903- 12)	3/22/28-03/27/928 H		-		3905	12130
	2.5		5/09/15-05/11/915 R		-		3945	12115
B	1.8(	25055- 12)	3/16/07-03/19/907 H		-		4000	12200
B	1.5(	25055- 12)	3/22/28-03/27/928 H		-		4000	12200
12(	1)							
	1.3		5/31/43-06/05/943 R		-		4036	11135
14(	2)							
	7.2		5/30/35-05/31/935 A	MR	3-28A		3915	10432
	2.8		5/05/27-05/09/927 A	MR	4-25		4350	10116
16(	7)							
	4.5		5/28/41-05/31/941 H		-		4313	9147
	3.6		5/29/29-06/03/929 A	MR	3-25		4015	9402
	3.6		5/25/15-05/29/915 A	MR	2- 7		3911	9353
	3.5		5/02/19-05/04/919 A	MR	2-20		4014	9440
	3.2		5/30/19-06/04/919 A	MR	2-21		4047	9320
18(	4)							
	4.9		3/23/13-03/27/913 A	OR	1-15		4022	8346
	3.6		5/19/12-05/22/912 A	GL	3- 1		4359	8429
	2.3		5/10/14-05/12/914 A	GL	2-15		4154	8401
	2.1		3/13/18-03/14/918 A	GL	2-17		4217	8436
20(	1)							
	4.7		4/11/33-04/14/933 A	NA	1-23		4308	7056
22(	2)							
	5.2		3/11/05-03/17/905 H		-		3418	11806
	3.5		4/04/26-04/09/926 H		-		3413	11803
24(	1)							
	1.6		4/19/33-04/22/933 R		-		3808	10528
26(	10)							
	10.7		4/03/34-04/04/934 A	SW	2-11		3537	9940
	7.9		5/12/43-05/20/943 A	SW	2-21		3552	9604
	6.3		5/06/43-05/12/943 A	SW	2-20		3529	9518
	6.2		4/07/27-04/09/927 A	MR	3-11		3740	9529
	5.2		5/30/06-06/01/906 A	MR	1-20		3750	9541
28(	7)							
	7.7		3/21/29-03/23/929 A	OR	7-15		3548	8538
	7.4		3/25/02-03/29/902 A	LMV	2- 7		3442	8857
	7.3		3/15/19-03/17/919 A	LMV	1-12		3525	8839
	5.5		3/11/63-03/12/963 H		-		3507	8522
	5.3		5/21/57-05/23/957 H		-		3744	8832
30(	2)							
	4.6		5/18/01-05/22/901 A	SA	2- 4		3430	7900
	2.8		5/07/24-05/12/924 A	SA	1-24		3602	7830
32(	1)							
	1.6		3/11/41-03/17/941 H		-		3323	11100
34(	1)							
	3.0		5/20/41-05/25/941 A	GM	5-18		3307	10312
36(	20)							
	[illegible]		[illegible] A	LMV	4- 8		2980	9005
	10.3		5/16/35-05/20/935 A	LMV	4-21		3059	9148
	9.9		5/02/35-05/07/935 A	LMV	4-20		3041	9144
	9.8		4/23/53-05/04/953 A	LMV	5- 3		3104	9312
	9.7		3/24/14-03/28/914 A	LMV	3-19		3046	9332
38(	3)							
	5.2		5/21/06-05/26/906 A	SA	4- 9		3005	8151
	3.4		3/03/29-03/05/929 A	SA	3-19		3233	8414
	3.0		4/05/36-04/10/936 A	SA	3-21A		3344	8244
40(	1)							
	6.5		4/14/42-04/17/942 A	SA	5- 7		2658	8008

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

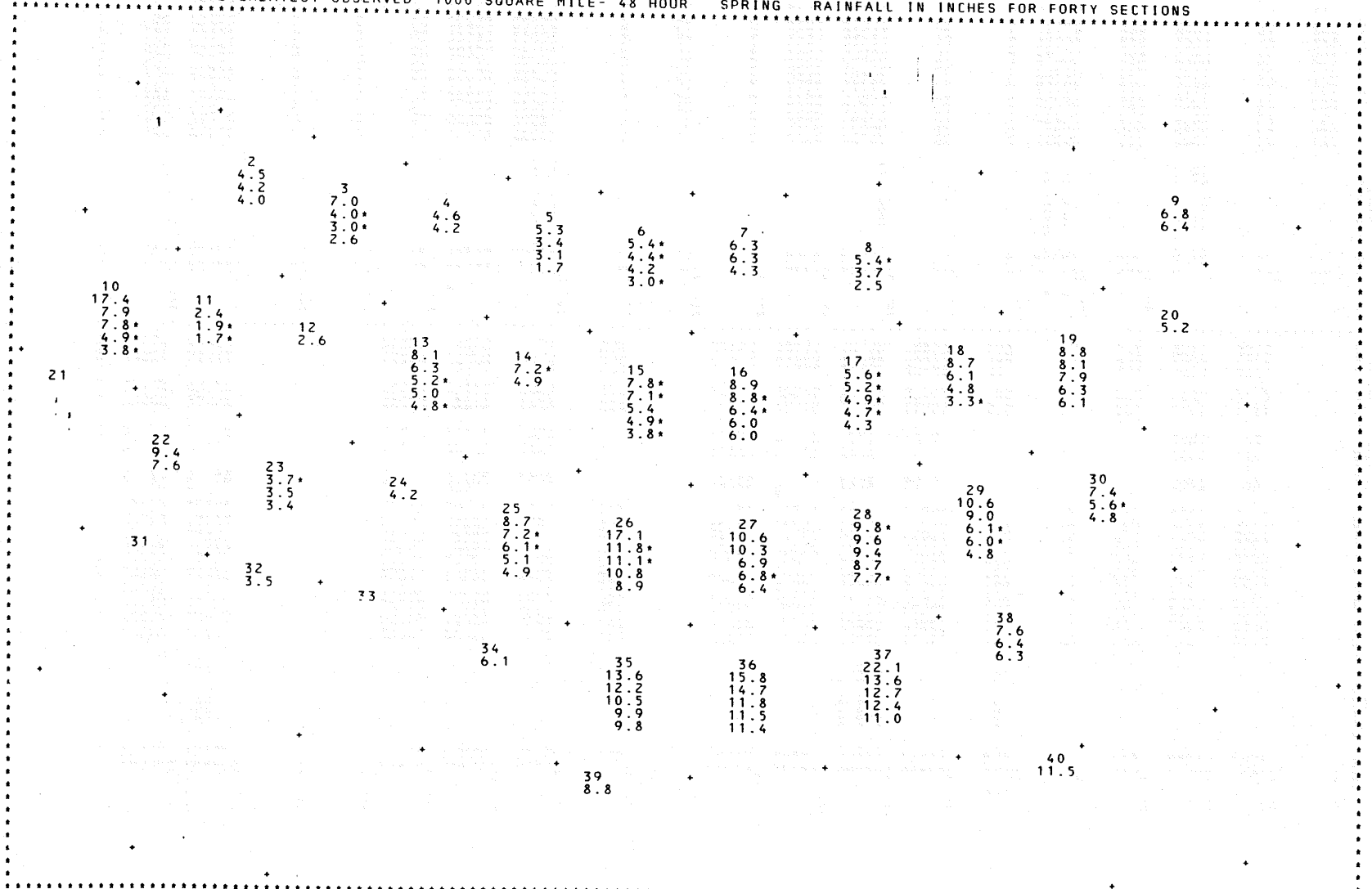


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(	0)							
2(	3)							
	4.1		3/24/35-03/26/935	H		-	4723	11524
	3.2		3/30/31-04/02/931	H		-	4601	11807
	2.5		5/26/06-05/30/906	H		-	4548	11824
3(	4)							
	5.6		3/30/31-04/02/931	H		-	4630	11450
	3.5		5/11/00-05/13/900	A	MR	5-11	4638	11142
	2.8		5/19/02-05/20/902	A	MR	5-12	4830	11245
B	1.8		3/15/32-03/19/932	R		-	4410	11055
4(	2)							
	3.4		5/17/38-05/20/938	A	MR	5- 6	4550	10957
	3.1		4/22/00-04/24/900	A	MR	5-10	4550	10957
5(	4)							
	3.8		5/09/20-05/12/920	A	MR	4-17	4437	10324
	3.3		5/25/29-05/30/929	A	MR	4-27	4657	10349
	2.0		4/11/12-04/14/912	A	MR	5-19	4748	10328
	1.2		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	5.2(	2000- 24)	4/25/54-04/27/954	H		-	4535	9555
	4.4(	1000- 18)	4/22/32-04/24/932	H		-	4600	9852
	3.1		3/02/66-03/05/966	H		-	4714	9835
	3.0(	1000- 12)	3/29/33-03/30/933	H		-	4658	9503
7(	3)							
	5.9		5/27/42-05/31/942	H		-	4458	9306
	4.4		5/18/60-05/21/960	H		-	4435	9335
	3.3		5/28/43-06/01/943	H		-	4412	9015
8(	3)							
	4.3		4/28/14-04/29/914	H		-	4646	8458
	3.0		4/27/09-05/02/909	H		-	4437	8447
	2.5		4/05/19-04/11/919	A	GL	2-19	4453	8752
9(	2)							
	5.1		3/09/36-03/15/936	H		-	4416	7115
	4.4		3/17/36-03/19/936	H		-	4416	7115
10(	6)							
	10.4		3/15/07-03/27/907	R		-	3955	12125
B	4.8(	1903- 24)	3/22/28-03/27/928	H		-	3905	12130
	4.4		5/09/15-05/11/915	R		-	3945	12115
B	2.8(	25055- 24)	3/16/07-03/19/907	H		-	4000	12200
	2.6		5/11/41-05/14/941	R		-	3930	12100
11(	3)							
B	1.9		4/05/25-04/06/925	R		-	4145	11525
B	1.7(	1000- 18)	5/15/11-05/15/911	R		-	4300	11645
B	1.6		3/25/40-04/01/940	R		-	4305	11645
12(	1)							
	2.0		5/31/43-06/05/943	R		-	4036	11135
13(	8)							
	5.5		5/04/69-05/08/969	R		-	4016	10525
	4.8		4/14/21-04/16/921	A	MR	4-19	4043	10543
	4.7		5/05/73-05/06/973	R		-	3955	10506
	4.6		5/29/94-05/31/894	A	MR	6-14	4004	10532
	3.4		5/01/04-05/03/904	A	MR	4- 6	4059	10511
14(	2)							
	7.2		5/30/35-05/31/935	A	MR	3-28A	3915	10432
	3.7		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	5)							
	7.8(	1000- 12)	5/08/50-05/08/950	H		-	4036	9628
	5.0		3/14/19-03/16/919	A	MR	2-19	3934	9507
	3.8(	1000- 20)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
	2.7		5/10/44-05/12/944	A	MR	6-13	4212	9732
	2.5(	3000- 24)	5/25/47-05/30/947	A	MR	8- 6	4101	9553
16(	8)							
	6.1(	2000- 24)	4/22/97-04/24/897	H		-	4053	9400
	5.2		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	5.1		5/29/29-06/03/929	A	MR	3-25	4015	9402
	5.1		5/28/41-05/31/941	H		-	4313	9147
	4.6		4/22/50-04/25/950	H		-	4055	9038
17(	5)							
	5.1		5/17/27-05/19/927	A	UMV	4-12	4040	8941
	5.1		4/04/47-04/05/947	H		-	4134	8805
	4.9		3/24/54-03/25/954	H		-	4123	8928
	4.7		5/26/56-05/28/956	H		-	4020	8810
	3.9		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(	4)							
	6.6		3/23/13-03/27/913	A	OR	1-15	4022	8346
	4.6		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	4.1		5/10/14-05/12/914	A	GL	2-15	4154	8401
	3.0		3/13/18-03/14/918	A	GL	2-17	4217	8436
19(	8)							
	8.3		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	6.1		4/24/37-04/28/937	A	SA	5-13	3940	7754
	5.1		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	5.0		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	4.7		5/25/46-05/28/946	A	NA	2-12	4120	7745
20(	1)							
	5.0		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	2)							
	6.5		4/04/26-04/09/926	H		-	3413	11803
	5.9		3/11/05-03/17/905	H		-	3418	11806
23(	3)							
	3.5		4/05/26-04/10/926	H		-	3451	11200
	2.5		4/09/05-04/13/905	H		-	3414	11247
	2.4		3/12/05-03/20/905	H		-	3419	11125
24(	1)							
	2.3		4/19/33-04/22/933	R		-	3808	10528
25(	4)							
	7.9		4/29/14-05/02/914	A	SW	1-16	3620	10306
	6.0		5/30/38-05/31/938	A	MR	3-29	3854	10145
	3.3		5/26/37-05/30/937	A	GM	5-17	3449	10344
	3.1		4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	12)							
	11.8(	1000- 20)	5/15/57-05/16/957	H		-	3602	9756
	11.1		5/06/43-05/12/943	A	SW	2-20	3529	9518
	11.1(	1000- 18)	4/03/34-04/04/934	A	SW	2-11	3532	9940
	8.5		5/12/43-05/20/943	A	SW	2-21	3552	9604
	7.3		5/25/03-05/31/903	A	MR	1- 9	3849	9736
27(	12)							
	10.0		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	7.7		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	6.3		3/24/04-03/26/904	A	UMV	2- 4	3659	9159
	5.7		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	5.2		3/31/17-04/02/917	A	UMV	3- 4	3549	9341
28(	7)							
	9.3		3/15/19-03/17/919	A	LMV	1-12	3525	8839
	8.9		3/21/29-03/23/929	A	OR	7-15	3548	8538
	8.6		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	6.9		3/11/63-03/12/963	H		-	3507	8522
B	6.5		3/11/75-03/14/975	H		-	3558	8613
29(	5)							
	7.8		3/26/86-04/01/886	H		-	3522	8247
	6.8		3/01/67-03/07/867	H		-	3507	8325
	6.1		3/14/12-03/15/912	A	SA	2- 7	3519	8059
	5.1		3/11/63-03/12/963	H		-	3448	8342
	4.0		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	2)							
	6.2		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	4.2		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	2.2		3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	4.9		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	9)							
	12.2		5/25/29-05/30/929	A	GM	4-26	3012	9813
	8.9		4/22/15-04/26/915	A	GM	4- 1	3018	9742
	8.9(	1000- 18)	5/16/49-05/17/949	R		-	3249	9721
	8.8(	1000- 10)	5/31/35-05/31/935	H		-	2920	9928
	8.7		5/28/07-05/31/907	A	LMV	3-13	2936	9538
36(	20)							
	14.7		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	14.0		5/11/53-05/19/953	A	LMV	5- 4	3146	9149
	11.8		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	11.1		5/02/35-05/07/935	A	LMV	4-20	3041	9144
	10.7		3/24/14-03/28/914	A	LMV	3-19	3046	9332
37(	9)							
	16.1		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	11.3		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	10.1		4/12/74-04/14/974	H		-	3155	8962
	8.9		3/22/97-03/23/897	H		-	3120	8537
	7.9		4/05/38-04/09/938	A	GM	2-25	3208	8802
38(	3)							
	5.9		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	5.8		3/03/29-03/05/929	A	SA	3-19	3233	8414
	4.6		4/05/36-04/10/936	A	SA	1-21A	3344	8244
39(	1)							
	7.1		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	1)							
	7.3		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

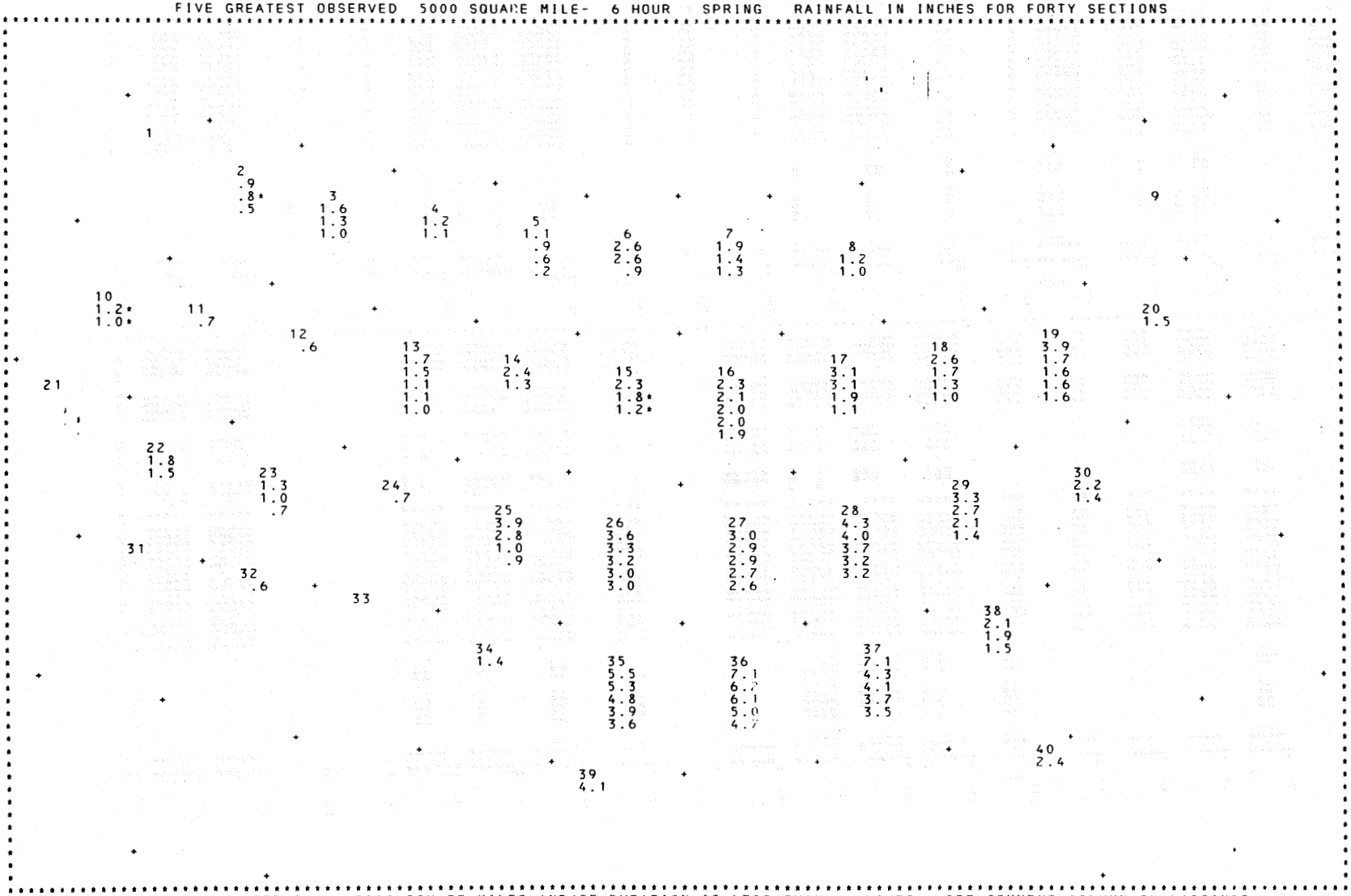


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(0)								
2(3)	4.5		3/24/35-03/26/935	H		-	4763	11524
	4.2		3/30/31-04/02/931	H		-	4601	11807
	4.0		5/26/06-05/30/906	H		-	4548	11824
3(4)	7.0		3/30/31-04/02/931	H		-	4630	11450
	4.0(	1000- 42)	5/11/60-05/13/900	A	MR	5-11	4638	11142
	3.0(	1000- 30)	5/19/62-05/20/902	A	MR	5-12	4830	11245
B	2.6		3/15/32-03/19/932	R		-	4410	11055
4(2)	4.6		4/22/00-04/24/900	A	MR	5-10	4550	10957
	4.2		5/17/38-05/20/938	A	MR	5- 6	4550	10957
5(4)	5.3		5/09/20-05/12/920	A	MR	4-17	4437	10324
	3.4		5/25/29-05/30/929	A	MR	4-27	4657	10349
	3.1		4/11/12-04/14/912	A	MR	5-19	4748	10328
	1.7		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(4)	5.4(	2000- 30)	4/25/54-04/27/954	H		-	4535	9555
	4.4(	1000- 18)	4/22/32-04/24/932	H		-	4600	9852
	4.2		3/02/66-03/05/966	H		-	4714	9835
	3.0(	1000- 12)	5/29/33-03/30/933	H		-	4658	9503
7(3)	6.3		5/27/42-05/31/942	H		-	4458	9306
	6.3		5/18/60-05/21/960	H		-	4435	9335
	4.3		5/28/43-06/01/943	H		-	4412	9015
8(3)	5.4(	1000- 42)	4/28/14-04/29/914	H		-	4646	8458
	3.7		4/27/09-05/02/909	H		-	4437	8447
	2.5		4/05/19-04/11/919	A	GL	2-19	4453	8752
9(2)	6.8		3/17/36-03/19/936	H		-	4416	7115
	6.4		3/09/36-03/15/936	H		-	4416	7115
10(6)	12.4		3/15/07-03/27/907	R		-	3955	12125
	7.9		5/09/15-05/11/915	R		-	3945	12115
B	7.8(	1903- 48)	3/22/28-03/27/928	H		-	3905	12130
B	4.9(	25055- 48)	3/16/07-03/19/907	H		-	4000	12200
B	3.8(	25055- 48)	3/22/28-03/27/928	H		-	4000	12200
11(3)	B 2.4		3/25/40-04/01/940	R		-	4305	11645
	B 1.9(	1000- 24)	4/05/25-04/06/925	R		-	4145	11525
	B 1.7(	1000- 18)	5/15/11-05/15/911	R		-	4300	11645
12(1)	2.6		5/31/43-06/05/943	R		-	4036	11135
13(8)	8.1		5/04/69-05/08/969	R		-	4016	10525
	6.3		5/29/94-05/31/894	A	MR	6-14	4004	10532
	5.2(	1000- 42)	4/14/21-04/16/921	A	MR	4-19	4043	10543
	5.0		5/01/04-05/03/904	A	MR	4- 6	4059	10511
	4.8(	1000- 30)	5/05/73-05/06/973	R		-	3955	10506
14(2)	7.2(	1000- 24)	5/30/35-05/31/935	A	MR	3-28A	3915	10432
	4.9		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(6)	7.8(	1000- 12)	5/08/50-05/08/950	H		-	4036	9628
	7.1(	1000- 36)	5/30/51-06/02/951	H		-	4118	9708
	5.4		3/14/19-03/16/919	A	MR	2-19	3934	9507
	4.9(	1000- 42)	5/10/44-05/12/944	A	MR	6-13	4212	9732
	3.8(	1000- 20)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
16(9)	8.9		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	8.8(	1000- 30)	5/16/74-05/18/974	H		-	3921	9447
	6.6(	2000- 48)	4/22/97-04/24/897	H		-	4053	9400
	6.0		5/28/41-05/31/941	H		-	4313	9147
	6.0		5/30/19-06/04/919	A	MR	2-21	4047	9320
17(5)	5.6(	1000- 42)	4/04/47-04/05/947	H		-	4134	8805
	5.2(	1000- 36)	5/17/27-05/19/927	A	UMV	4-12	4040	8941
	4.9(	1000- 24)	3/24/54-03/25/954	H		-	4123	8928
	4.7(	1000- 24)	5/26/36-05/28/936	H		-	4020	8810
	4.3		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(4)	8.7		3/23/13-03/27/913	A	OR	1-15	4022	8346
	6.1		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	4.8		5/10/14-05/12/914	A	GL	2-15	4154	8401
	3.3(	1000- 36)	3/13/18-03/14/918	A	GL	2-17	4217	8436
19(8)	8.8		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	8.1		4/24/37-04/28/937	A	SA	5-13	3940	7754
	7.9		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	6.3		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	6.1		3/16/36-03/21/936	A	SA	1-27	3921	7845
20(1)	5.2		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(0)								
22(2)	9.4		4/04/26-04/09/926	H		-	3413	11803
	7.6		3/11/05-03/17/905	H		-	3418	11806
23(3)	3.7(	1000- 36)	4/05/26-04/10/926	H		-	3451	11200
	3.5		4/09/05-04/13/905	H		-	3414	11347
	3.4		3/12/05-03/20/905	H		-	3419	11125
24(1)	4.2		4/19/33-04/22/933	R		-	3808	10528
25(5)	8.7		4/29/14-05/02/914	A	SW	1-16	3620	10306
	7.2(	2000- 48)	4/04/00-04/05/900	H		-	3724	10237
	6.1(	1000- 30)	5/30/38-05/31/938	A	MR	3-29	3854	10145
	5.1		4/17/42-04/21/942	A	SW	3- 6	3655	10258
	4.9		5/26/37-05/30/937	A	GM	5-17	3449	10344
26(12)	17.1		5/06/43-05/12/943	A	SW	2-20	3529	9518
	11.8(	1000- 20)	5/15/57-05/16/957	H		-	3602	9756
	11.1(	1000- 18)	4/03/34-04/04/934	A	SW	2-11	3537	9940
	10.8		5/12/43-05/20/943	A	SW	2-21	3552	9694
	8.9		5/25/03-05/31/903	A	MR	1- 9	3849	9736
27(12)	10.6		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	10.3		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	6.9		5/09/28-05/13/918	A	LMV	1-11	3620	9230
	6.8(	1000- 42)	3/24/24-03/26/904	A	UMV	2- 4	3659	9159
	6.4		4/22/11-04/15/911	A	LMV	1- 8	3433	9237
28(7)	9.8(	1000- 36)	3/15/19-03/17/919	A	LMV	1-12	3525	8839
	9.6		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	9.4		3/21/29-03/23/929	A	OR	7-15	3548	8538
B	8.7		3/11/75-03/14/975	H		-	3558	8613
	7.7(	1000- 42)	3/11/63-03/12/963	H		-	3507	8522
29(5)	10.6		3/26/86-04/01/886	H		-	3522	8247
	9.0		3/07/67-03/07/867	H		-	3507	8325
	6.1(	1000- 30)	3/14/12-03/15/912	A	SA	2- 7	3519	8059
	6.0(	1000- 42)	3/11/63-03/12/963	H		-	3448	8342
	4.8		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(3)	7.4		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	5.6(	1000- 36)	4/17/10-04/18/910	H		-	3650	7740
	4.8		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(0)								
32(1)	3.5		3/11/41-03/17/941	H		-	3323	11100
33(0)								
34(1)	6.1		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(9)	13.6		3/28/45-04/02/945	A	SW	3- 5	3220	9545
	12.2		5/25/29-05/30/929	A	GM	4-26	3012	9813
	10.5		5/28/07-05/31/907	A	LMV	3-13	2936	9538
	9.9		5/22/36-05/28/936	A	GM	5- 5	2955	9653
	9.8		4/24/22-04/27/922	A	GM	4-15	3245	9748
36(20)	15.8		5/11/53-05/19/953	A	LMV	5- 4	3146	9149
	14.7		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	11.8		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	11.5		4/24/14-04/28/914	A	GM	3-26	3046	9332
	11.4		5/07/07-05/10/907	A	LMV	3-12	3014	9159
37(9)	22.1		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	13.6		4/12/74-04/14/974	H		-	3155	8942
	12.7		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	12.4		4/05/38-04/09/938	A	GM	2-25	3208	8802
	11.0		3/22/97-03/23/897	H		-	3120	8537
38(3)	7.6		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	6.4		4/05/36-04/10/936	A	SA	3-21A	3344	8244
	6.3		3/03/29-03/05/929	A	SA	3-19	3233	8414
39(1)	8.8		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(1)	11.5		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS



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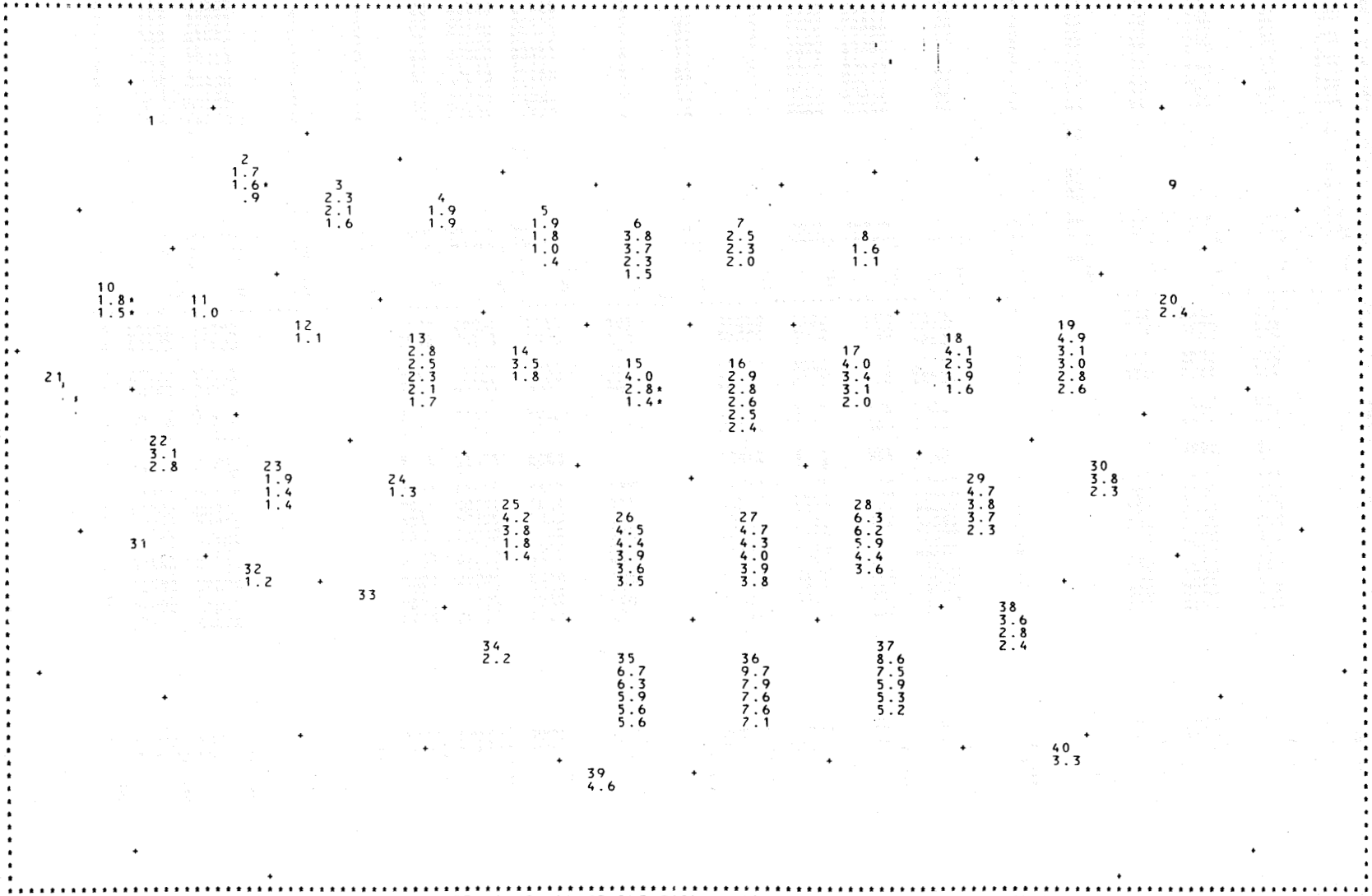
STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)					
2(	3)					
	0.9		3/30/31-04/02/931 H	-	4601	11807
	0.8(	6000- 6)	3/24/35-03/26/935 H	-	4723	11524
	0.5		5/26/06-05/30/906 H	-	4548	11824
3(	3)					
	1.6		3/30/31-04/02/931 H	-	4630	11450
	1.3		5/11/00-05/13/900 A MR	5-11	4638	11142
	1.0		5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	1.2		4/22/00-04/24/900 A MR	5-10	4550	10957
	1.1		5/17/38-05/20/938 A MR	5- 6	4550	10957
5(	4)					
	1.1		5/25/29-05/30/929 A MR	4-27	4657	10349
	0.9		5/09/20-05/12/920 A MR	4-17	4437	10324
	0.6		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.2		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	3)					
	2.6		4/22/32-04/24/932 H	-	4600	9852
	2.6		4/25/54-04/27/954 H	-	4335	9555
	0.9		3/02/66-03/05/966 H	-	4714	9835
7(	3)					
	1.9		5/27/42-05/31/942 H	-	4458	9306
	1.4		5/18/60-05/21/960 H	-	4435	9335
	1.3		5/28/43-06/01/943 H	-	4412	9015
8(	2)					
	1.2		4/27/09-05/02/909 H	-	4437	8447
	1.0		4/05/19-04/11/919 A GL	2-19	4453	8752
9(	0)					
10(	2)					
B	1.2(	25055- 6)	3/22/28-03/27/928 H	-	4000	12200
B	1.0(	25055- 6)	3/16/07-03/19/907 H	-	4000	12200
11(	1)					
B	0.7		5/15/11-05/15/911 R	-	4300	11645
12(	1)					
	0.6		5/31/43-06/05/943 R	-	4036	11135
13(	7)					
	1.7		5/05/73-05/06/973 R	-	3955	10506
	1.5		5/29/94-05/31/894 A MR	6-14	4004	10532
	1.1		4/14/21-04/16/921 A MR	4-19	4043	10543
	1.1		5/04/69-05/08/969 R	-	4016	10525
	1.0		5/01/04-05/03/904 A MR	4- 6	4059	10511
14(	2)					
	2.4		5/30/35-05/31/935 A MR	3-28A	3915	10432
	1.3		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	3)					
	2.3		3/14/19-03/16/919 A MR	2-19	3934	9507
	1.8(	5350- 6)	5/31/47-06/01/947 A MR	8- 8	4142	9721
	1.2(	10000- 6)	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	7)					
	2.3		5/02/19-05/04/919 A MR	2-20	4014	9440
	2.1		5/30/19-06/04/919 A MR	2-21	4047	9320
	2.0		5/25/15-05/29/915 A MR	2- 7	3911	9353
	2.0		5/28/41-05/31/941 H	-	4313	9147
	1.9		5/29/29-06/03/929 A MR	3-25	4015	9402
17(	4)					
	3.1		5/17/27-05/19/927 A UMV	4-12	4040	8941
	3.1		4/04/47-04/05/947 H	-	4134	8805
	1.9		3/24/54-03/25/954 H	-	4123	8928
	1.1		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	4)					
	2.6		3/23/13-03/27/913 A OR	1-15	4022	8346
	1.7		5/19/12-05/22/912 A GL	3- 1	4359	8429
	1.3		5/10/14-05/12/914 A GL	2-15	4154	8401
	1.0		3/13/18-03/14/918 A GL	2-17	4217	8436
19(	8)					
	3.9		5/30/89-06/01/889 A SA	1- 1	4145	7717
	1.7		4/24/37-04/28/937 A SA	5-13	3940	7754
	1.6		5/14/16-05/19/916 A GL	1-15	4252	7752
	1.6		5/17/94-05/22/894 A NA	1- 4	3926	7514
	1.6		5/19/42-05/23/942 A NA	2- 5	4048	7608
20(	1)					
	1.5		4/11/33-04/14/933 A NA	1-23	4308	7056
21(	0)					
22(	2)					
	1.8		3/11/05-03/17/905 H	-	3418	11806
	1.5		4/04/26-04/09/926 H	-	3413	11803
23(	3)					
	1.3		4/05/26-04/10/926 H	-	3451	11200
	1.0		4/09/05-04/13/905 H	-	3414	11247
	0.7		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	0.7		4/19/33-04/22/933 R	-	3808	10528
25(	4)					
	3.9		5/30/38-05/31/938 A MR	3-29	3854	10145
	2.8		4/29/14-05/02/914 A SW	1-16	3620	10306
	1.0		5/26/37-05/30/937 A GM	5-17	3449	10344
	0.9		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	9)					
	3.6		5/21/08-05/25/908 A SW	1-10	3425	9839
	3.3		5/30/06-06/01/906 A MR	1-20	3750	9541
	3.2		4/13/41-04/19/941 A SW	2-19	3549	9542
	3.0		5/06/43-05/12/943 A SW	2-20	3529	9518
	3.0		5/12/43-05/20/943 A SW	2-21	3552	9604
27(	12)					
	3.0		5/25/93-05/29/893 A SW	1- 1	3444	9049
	2.9		4/17/27-04/21/927 A SW	2- 4	3441	9305
	2.9		5/17/29-05/18/929 A MR	3-24	3826	9302
	2.7		3/17/27-03/20/927 A MR	3-10A	3815	9227
	2.6		4/12/11-04/15/911 A LMV	1- 8	3433	9237
28(	7)					
	4.3		3/21/29-03/23/929 A OR	7-15	3548	8538
	4.0		3/15/19-03/17/919 A LMV	1-12	3525	8839
	3.7		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	3.2		3/11/63-03/12/963 H	-	3507	8522
	3.2		5/21/57-05/23/957 H	-	3744	8832
29(	4)					
	3.3		3/14/12-03/15/912 A SA	2- 7	3519	8059
	2.7		3/11/63-03/12/963 H	-	3448	8342
	2.1		3/26/86-04/01/886 H	-	3522	8247
	1.4		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	2.2		5/18/01-05/22/901 A SA	2- 4	3432	7900
	1.4		5/07/24-05/12/924 A SA	1-24	3802	7830
31(	0)					
32(	1)					
	0.6		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	1.4		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	9)					
	5.5		5/28/07-05/31/907 A LMV	3-13	2936	9538
	5.3		4/22/15-04/26/915 A GM	4- 1	3018	9742
	4.8		5/25/29-05/30/929 A GM	4-26	3012	9813
	3.9		5/31/35-05/31/935 H	-	2920	9928
	3.6		5/21/08-05/25/908 A SW	1-10B	2919	9928
36(	20)					
	7.1		5/16/35-05/20/935 A LMV	4-21	3059	9148
	6.2		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	6.1		3/24/14-03/28/914 A LMV	3-19	3046	9332
	5.0		3/11/21-03/14/921 A LMV	2-13	3106	9028
	4.7		4/23/53-05/04/953 A LMV	5- 3	3104	9312
37(	8)					
	7.1		3/11/29-03/16/929 A LMV	2-20	3125	8604
	4.3		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	4.1		4/12/74-04/14/974 H	-	3155	8942
	3.7		5/24/09-05/28/909 A LMV	2- 9	3239	8953
	3.5		4/05/38-04/09/938 A GM	2-25	3208	8802
38(	3)					
	2.1		5/21/06-05/26/906 A SA	4- 9	3005	8151
	1.9		3/03/79-03/05/979 A SA	3-19	3233	8414
	1.5		4/05/36-04/10/936 A SA	3-21A	3344	8244
39(	1)					
	4.1		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	1)					
	2.4		4/14/42-04/17/942 A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

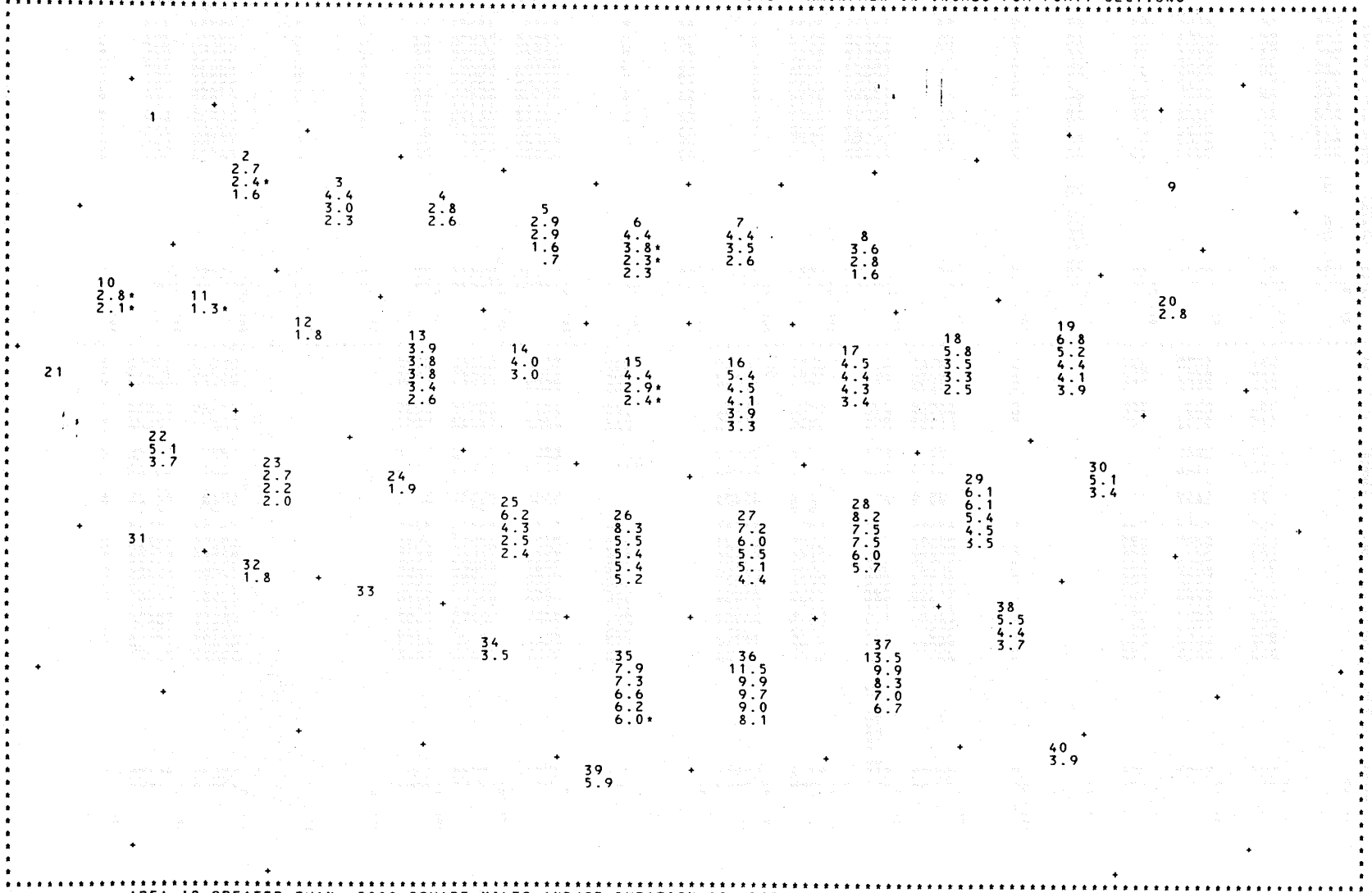


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(	0)							
2(	3)							
	1.7		3/30/31-04/02/931	H		-	4601	11807
	1.6(	6000- 12)	3/24/35-03/26/935	H		-	4723	11524
	0.9		5/26/06-05/30/906	H		-	4548	11824
3(	3)							
	2.3		3/30/31-04/02/931	H		-	4630	11450
	2.1		5/11/00-05/13/900	A	MR	5-11	4638	11142
	1.6		5/19/02-05/20/902	A	MR	5-12	4830	11245
4(	2)							
	1.9		4/22/00-04/24/900	A	MR	5-10	4550	10957
	1.9		5/17/38-05/20/938	A	MR	5- 6	4550	10957
5(	4)							
	1.9		5/25/29-05/30/929	A	MR	4-27	4657	10349
	1.8		5/09/20-05/12/920	A	MR	4-17	4437	10324
	1.0		4/11/12-04/14/912	A	MR	5-19	4748	10328
	0.4		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	3.8		4/22/32-04/24/932	H		-	4600	9852
	3.7		4/25/54-04/27/954	H		-	4535	9555
	2.3		3/29/33-03/30/933	H		-	4658	9503
	1.5		3/02/66-03/05/966	H		-	4714	9835
7(	3)							
	2.5		5/27/42-05/31/942	H		-	4458	9306
	2.3		5/18/60-05/21/960	H		-	4435	9335
	2.0		5/28/43-06/01/943	H		-	4412	9015
8(	2)							
	1.6		4/27/09-05/02/909	H		-	4437	8447
	1.1		4/05/19-04/11/919	A	GL	2-19	4453	8752
9(	0)							
10(	2)							
B	1.8(	25055- 12)	3/16/07-03/19/907	H		-	4000	12200
B	1.5(	25055- 12)	3/22/28-03/27/928	H		-	4000	12200
11(	1)							
B	1.0		5/15/11-05/15/911	R		-	4300	11645
12(	1)							
	1.1		5/31/43-06/05/943	R		-	4036	11135
13(	7)							
	2.8		5/05/73-05/06/973	R		-	3955	10506
	2.5		5/29/94-05/31/894	A	MR	6-14	4004	10532
	2.3		4/14/21-04/16/921	A	MR	4-19	4043	10543
	2.1		5/04/69-05/08/969	R		-	4016	10525
	1.7		5/01/04-05/03/904	A	MR	4- 6	4059	10511
14(	2)							
	3.5		5/30/35-05/31/935	A	MR	3-28A	3915	10432
	1.8		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	3)							
	4.0		3/14/19-03/16/919	A	MR	2-19	3934	9507
	2.8(	5330- 12)	5/31/47-06/01/947	A	MR	8- 8	4142	9721
	1.4(	10000- 12)	5/25/47-05/30/947	A	MR	8- 6	4101	9553
16(	7)							
	2.9		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	2.8		5/29/29-06/03/929	A	MR	3-25	4015	9402
	2.6		5/02/19-05/04/919	A	MR	2-20	4014	9448
	2.5		5/28/41-05/31/941	H		-	4313	9147
	2.4		5/30/19-06/04/919	A	MR	2-21	4047	9320
17(	4)							
	4.0		4/04/47-04/05/947	H		-	4134	8805
	3.4		5/17/27-05/19/927	A	UMV	4-12	4040	8941
	3.1		3/24/54-03/25/954	H		-	4123	8928
	2.0		3/09/39-03/12/939	A	UMV	4-16	3929	8811
18(	4)							
	4.1		3/23/13-03/27/913	A	OR	1-15	4022	8346
	2.5		5/19/12-05/22/912	A	GL	3- 1	4359	8429
	1.9		5/10/14-05/12/914	A	GL	2-15	4154	8401
	1.6		3/13/18-03/14/918	A	GL	2-17	4217	8436
19(	8)							
	4.9		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	3.1		4/24/37-04/28/937	A	SA	5-13	3940	7754
	3.0		5/19/42-05/23/942	A	NA	2- 5	4048	7608
	2.8		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	2.6		3/16/36-03/21/936	A	SA	1-27	3921	7845
20(	1)							
	2.4		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	2)							
	3.1		3/11/05-03/17/905	H		-	3418	11806
	2.8		4/04/26-04/09/926	H		-	3413	11803
23(	3)							
	1.9		4/05/26-04/10/926	H		-	3451	11200
	1.4		4/09/05-04/13/905	H		-	3414	11247
	1.4		3/12/05-03/20/905	H		-	3419	11125
24(	1)							
	1.3		4/19/33-04/22/933	R		-	3808	10528
25(	4)							
	4.2		5/30/38-05/31/938	A	MR	3-29	3854	10145
	3.8		4/29/14-05/02/914	A	SW	1-16	3620	10306
	1.8		5/26/37-05/30/937	A	GM	5-17	3449	10344
	1.4		4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	9)							
	4.5		5/06/43-05/12/943	A	SW	2-20	3529	9518
	4.4		5/21/08-05/25/908	A	SW	1-10	3425	9839
	3.9		4/13/41-04/19/941	A	SW	2-19	3549	9542
	3.6		5/12/43-05/20/943	A	SW	2-21	3552	9604
	3.5		5/02/98-05/06/898	A	SW	1- 2	3513	9728
27(	12)							
	4.7		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	4.3		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	4.0		3/31/17-04/02/917	A	UMV	3- 4	3549	9341
	3.9		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	3.8		5/17/29-05/18/929	A	MR	3-24	3826	9302
28(	7)							
	6.3		3/15/19-03/17/919	A	LMV	1-12	3525	8839
	6.2		3/21/29-03/23/929	A	OR	7-15	3548	8538
	5.9		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	4.4		3/11/63-03/12/963	H		-	3507	8522
	3.6		5/21/57-05/23/957	H		-	3744	8832
29(	4)							
	4.7		3/14/12-03/15/912	A	SA	2- 7	3519	8059
	3.8		3/26/86-04/01/886	H		-	3522	8247
	3.7		3/11/63-03/12/963	H		-	3448	8342
	2.3		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	2)							
	3.8		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	2.3		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	1.2		3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	2.2		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	9)							
	6.7		4/22/15-04/26/915	A	GM	4- 1	3018	9742
	6.3		5/25/29-05/30/929	A	GM	4-26	3012	9813
	5.9		5/28/07-05/31/907	A	LMV	3-13	2936	9538
	5.6		3/28/45-04/02/945	A	SW	3- 5	3220	9545
	5.6		5/16/49-05/17/949	R		-	3249	9721
36(	20)							
	9.7		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	7.9		3/24/14-03/28/914	A	LMV	3-19	3046	9332
	7.6		5/16/35-05/20/935	A	LMV	4-21	3059	9148
	7.6		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	7.1		5/02/35-05/07/935	A	LMV	4-20	3041	9144
37(	8)							
	8.6		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	7.5		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	5.9		4/12/74-04/14/974	H		-	3155	8942
	5.3		5/24/09-05/28/909	A	LMV	2- 9	3239	8953
	5.2		4/05/38-04/09/938	A	GM	2-25	3208	8802
38(	3)							
	3.6		5/21/06-05/26/906	A	SA	4- 9	3005	8151
	2.8		3/03/29-03/05/929	A	SA	3-19	3233	8414
	2.4		4/05/36-04/10/936	A	SA	3-21A	3344	8244
39(	1)							
	4.6		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	1)							
	3.3		4/14/42-04/17/942	A	SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

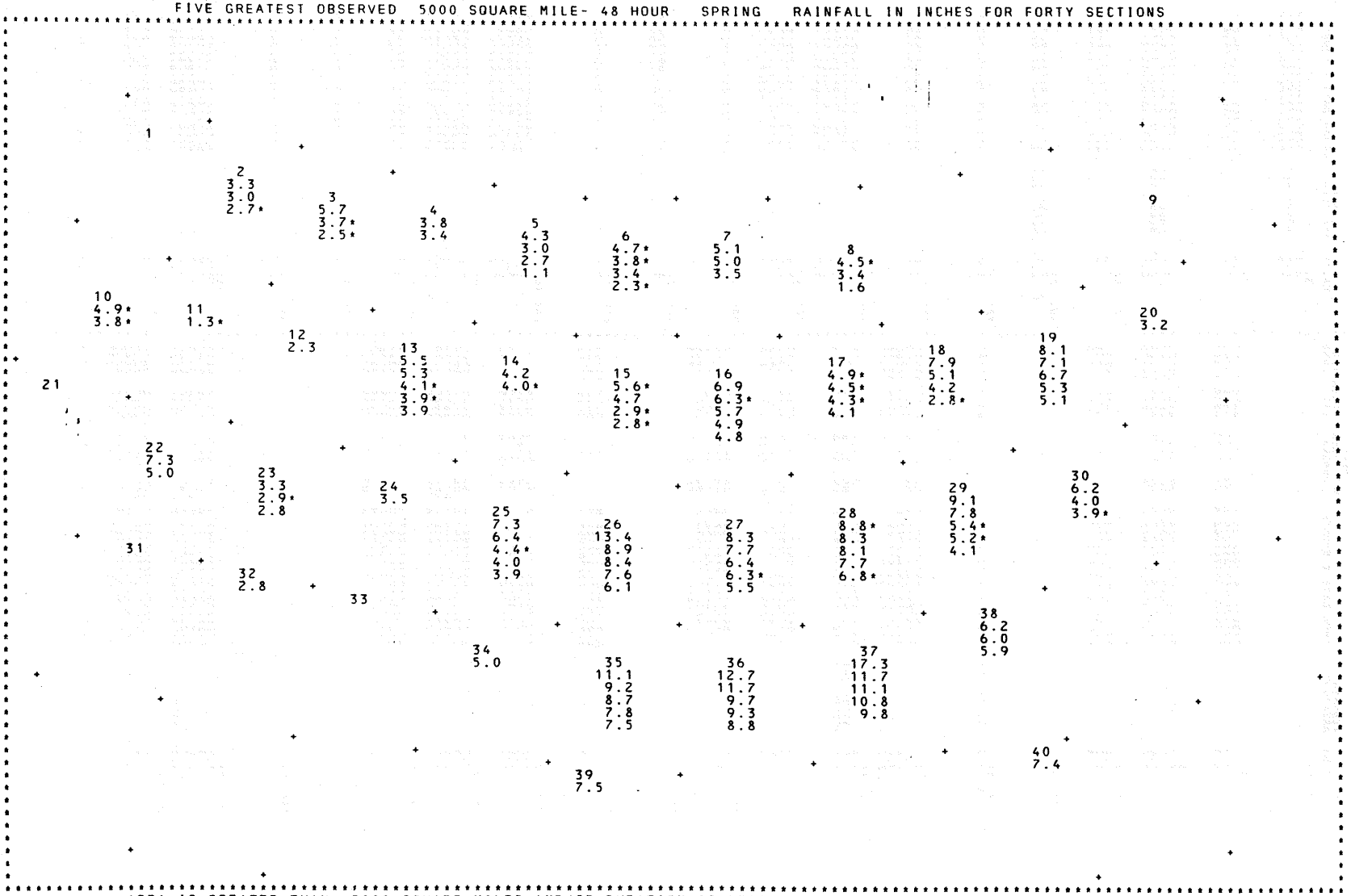


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)					
2(	3)					
	2.7		3/30/31-04/02/931 H	-	4601	11807
	2.4(	6000- 24)	3/24/35-03/26/935 H	-	4723	11524
	1.6		5/26/06-05/30/906 H	-	4548	11824
3(	3)					
	4.4		3/30/31-04/02/931 H	-	4630	11450
	3.0		5/11/00-05/13/900 A MR	5-11	4638	11142
	2.3		5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	2.8		4/22/00-04/24/900 A MR	5-10	4550	10957
	2.6		5/17/38-05/20/938 A MR	5- 6	4550	10957
5(	4)					
	2.9		5/09/20-05/12/920 A MR	4-17	4437	10324
	2.9		5/25/29-05/30/929 A MR	4-27	4657	10349
	1.6		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.7		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	4)					
	4.4		4/25/54-04/27/954 H	-	4535	9555
	3.8(	5000- 18)	4/22/32-04/24/932 H	-	4600	9852
	2.3(	5000- 12)	3/29/33-03/30/933 H	-	4658	9503
	2.3		5/02/66-05/05/966 H	-	4714	9835
7(	3)					
	4.6		5/27/42-05/31/942 H	-	4458	9306
	3.5		5/18/60-05/21/960 H	-	4435	9335
	2.6		5/28/43-06/01/943 H	-	4412	9015
8(	3)					
	3.6		4/28/14-04/29/914 H	-	4646	8458
	2.8		4/27/09-05/02/909 H	-	4437	8447
	1.6		4/05/19-04/11/919 A GL	2-19	4453	8752
9(	0)					
10(	2)					
B	2.8(	25055- 24)	3/16/07-03/19/907 H	-	4000	12200
B	2.1(	25055- 24)	3/22/28-03/27/928 H	-	4000	12200
11(	1)					
B	1.3(	5000- 18)	5/15/11-05/15/911 R	-	4300	11645
12(	1)					
	1.8		5/31/43-06/05/943 R	-	4036	11135
13(	7)					
	3.9		5/29/94-05/31/894 A MR	6-14	4004	10532
	3.8		4/14/21-04/16/921 A MR	4-19	4043	10543
	3.8		5/05/73-05/06/973 R	-	3955	10506
	3.4		5/04/69-05/08/969 R	-	4016	10525
	2.6		5/01/04-05/03/904 A MR	4- 6	4059	10511
14(	2)					
	4.0		5/30/35-05/31/935 A MR	3-28A	3915	10432
	3.0		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	3)					
	4.4		3/14/19-03/16/919 A MR	2-19	3934	9507
	2.9(	5350- 20)	5/31/47-06/01/947 A MR	8- 8	4142	9721
	2.4(	10000- 24)	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	8)					
	5.4		4/22/97-04/24/897 H	-	4053	9400
	4.5		5/25/15-05/29/915 A MR	2- 7	3911	9353
	4.1		5/29/29-06/03/929 A MR	3-25	4015	9402
	3.9		4/22/50-04/25/950 H	-	4055	9038
	3.3		5/28/41-05/31/941 H	-	4313	9147
17(	4)					
	4.5		4/04/47-04/05/947 H	-	4134	8805
	4.4		5/17/27-05/19/927 A UMV	4-12	4040	8941
	4.3		3/24/54-03/25/954 H	-	4123	8928
	3.4		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	4)					
	5.8		3/23/13-03/27/913 A OR	1-15	4022	8346
	3.5		5/19/12-05/22/912 A GL	3- 1	4359	8429
	3.3		5/10/14-05/12/914 A GL	2-15	4154	8401
	2.5		3/13/18-03/14/918 A GL	2-17	4217	8436
19(	8)					
	6.8		5/30/89-06/01/889 A SA	1- 1	4145	7717
	5.2		4/24/37-04/28/937 A SA	5-13	3940	7754
	4.4		5/17/94-05/22/894 A MA	1- 4	3926	7514
	4.1		3/16/36-03/21/936 A SA	1-27	3921	7845
	3.9		5/25/46-05/28/946 A MA	2-12	4120	7745
20(	1)					
	2.8		4/11/33-04/14/933 A MA	1-23	4308	7056
21(	0)					
22(	2)					
	5.1		4/04/26-04/09/926 H	-	3413	11803
	3.7		3/11/05-03/17/905 H	-	3418	11806
23(	3)					
	2.7		4/05/26-04/10/926 H	-	3451	11200
	2.2		4/09/05-04/13/905 H	-	3414	11247
	2.0		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	1.9		4/19/33-04/22/933 R	-	3808	10528
25(	4)					
	6.2		4/29/14-05/02/914 A SW	1-16	3620	10306
	4.3		5/30/38-05/31/938 A MR	3-29	3854	10145
	2.5		5/26/37-05/30/937 A GM	5-17	3449	10344
	2.4		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	10)					
	8.3		5/06/43-05/12/943 A SW	2-20	3529	9518
	5.5		5/21/08-05/25/908 A SW	1-10	3625	9839
	5.4		5/02/98-05/06/898 A SW	1- 2	3513	9728
	5.4		5/12/43-05/20/943 A SW	2-21	3552	9604
	5.2		5/25/03-05/31/903 A MR	1- 9	3849	9736
27(	12)					
	7.2		4/17/27-04/21/927 A SW	2- 4	3441	9305
	6.0		5/25/93-05/29/893 A SW	1- 1	3444	9049
	5.5		3/24/04-03/26/904 A UMV	2- 4	3659	9159
	5.1		5/09/18-05/13/918 A LMV	1-11	3620	9230
	4.4		3/31/17-04/02/917 A UMV	3- 4	3549	9341
28(	7)					
	8.2		3/15/19-03/17/919 A LMV	1-12	3525	8839
	7.5		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	7.5		3/21/29-03/23/929 A OR	7-15	3548	8538
	6.0		3/11/63-03/12/963 H	-	3507	8522
B	5.7		3/11/75-03/14/975 H	-	3558	8613
29(	5)					
	6.1		3/01/67-03/07/867 H	-	3507	8325
	6.1		3/26/86-04/01/886 H	-	3522	8247
	5.4		3/14/12-03/15/912 A SA	2- 7	3519	8059
	4.5		3/11/63-03/12/963 H	-	3448	8342
	3.5		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	5.1		5/18/01-05/22/901 A SA	2- 4	3432	7900
	3.4		5/07/24-05/12/924 A SA	1-24	3802	7830
31(	0)					
32(	1)					
	1.8		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	3.5		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	9)					
	7.9		5/25/29-05/30/929 A GM	4-26	3012	9813
	7.3		4/22/15-04/26/915 A GM	4- 1	3018	9742
	6.6		5/28/07-05/31/907 A LMV	3-13	2936	9538
	6.2		3/28/45-04/02/945 A SW	3- 5	3220	9545
	6.0(	5000- 18)	5/16/49-05/17/949 R	-	3249	9721
36(	20)					
	11.5		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	9.9		5/11/53-05/19/953 A LMV	5- 4	3146	9149
	9.7		4/23/53-05/04/953 A LMV	5- 3	3104	9312
	9.0		3/24/14-03/28/914 A LMV	3-19	3046	9332
	8.1		5/02/35-05/07/935 A LMV	4-20	3041	9144
37(	9)					
	13.5		3/11/29-03/16/929 A LMV	2-20	3125	8604
	9.9		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	8.3		4/12/74-04/14/974 H	-	3155	8942
	7.0		4/05/38-04/09/938 A GM	2-25	3208	8802
	6.7		3/22/97-03/23/897 H	-	3120	8537
38(	3)					
	5.5		3/03/29-03/05/929 A SA	3-19	3233	8414
	4.4		5/21/06-05/26/906 A SA	4- 9	3005	8151
	3.7		4/05/36-04/10/936 A SA	3-21A	3344	8244
39(	1)					
	5.9		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	1)					
	3.9		4/14/42-04/17/942 A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

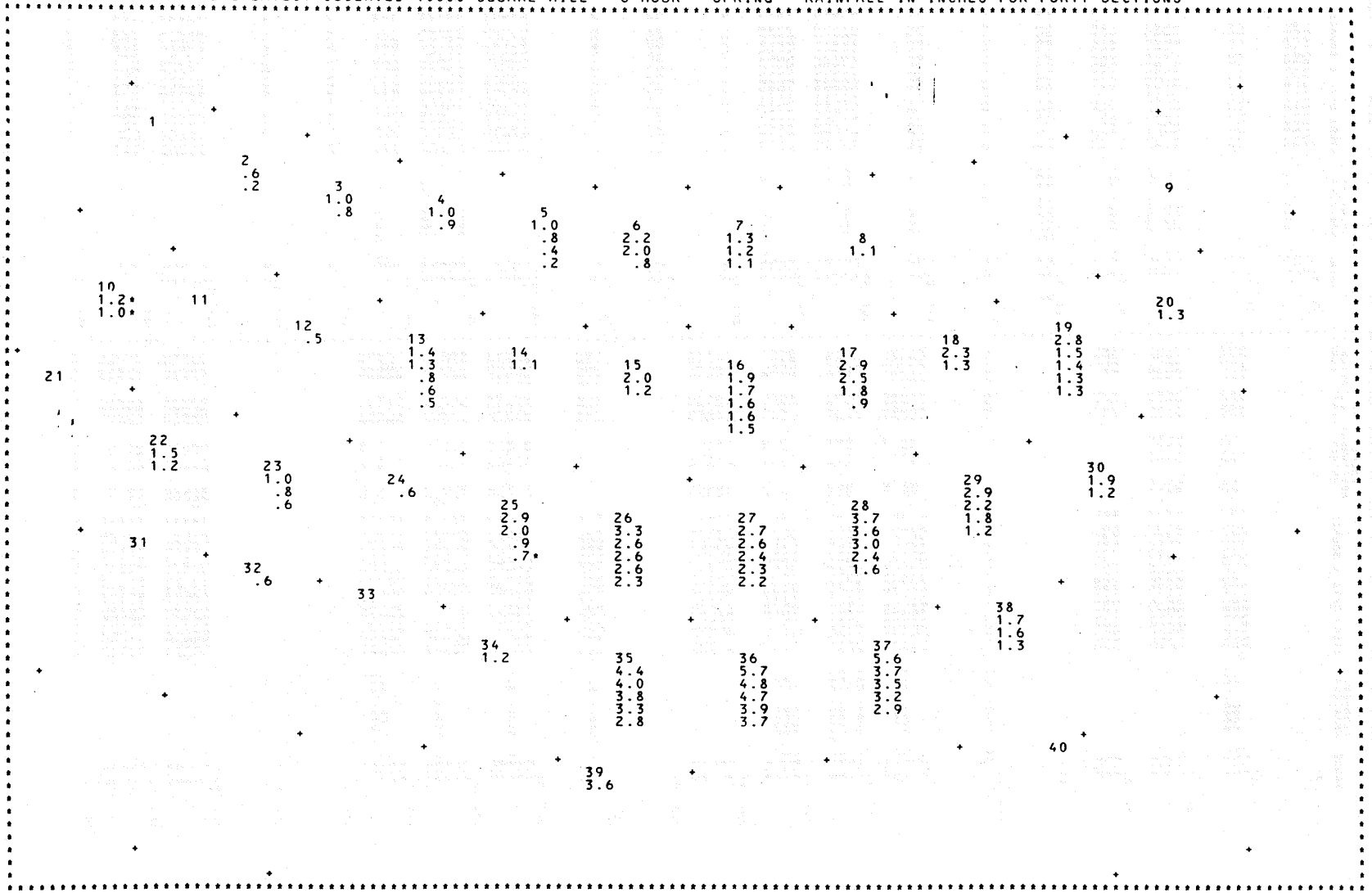


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)					
2(	3)					
	3.3		3/30/31-04/02/931 H	-	4601	11807
	3.0		5/26/06-05/30/906 H	-	4548	11824
	2.7(	6000- 48)	5/24/35-05/26/935 H	-	4723	11524
3(	3)					
	5.7		3/30/31-04/02/931 H	-	4630	11450
	3.7(	5000- 42)	5/11/00-05/13/900 A MR	5-11	4638	11142
	2.5(	5000- 30)	5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	3.8		4/22/00-04/24/900 A MR	5-10	4550	10957
	3.4		5/17/38-05/20/938 A MR	5- 6	4550	10957
5(	4)					
	4.3		5/09/20-05/12/920 A MR	4-17	4437	10324
	3.0		5/25/29-05/30/929 A MR	4-27	4657	10349
	2.7		4/11/12-04/14/912 A MR	5-19	4748	10328
	1.1		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	4)					
	4.7(	5000- 30)	4/25/54-04/27/954 H	-	4535	9595
	3.8(	5000- 18)	4/22/32-04/24/932 H	-	4600	9852
	3.4		3/02/66-03/05/966 H	-	4714	9835
	2.3(	5000- 12)	3/29/33-03/30/933 H	-	4658	9503
7(	3)					
	5.1		5/27/42-05/31/942 H	-	4458	9306
	5.0		5/18/60-05/21/960 H	-	4435	9355
	3.5		5/28/43-06/01/943 H	-	4412	9015
8(	3)					
	4.5(	5000- 42)	4/28/14-04/29/914 H	-	4646	8458
	3.4		4/27/09-05/02/909 H	-	4437	8447
	1.6		4/05/19-04/11/919 A GL	2-19	4453	8752
9(	0)					
10(	2)					
B	4.9(	25055- 48)	3/16/07-03/19/907 H	-	4000	12200
B	3.8(	25055- 48)	3/22/28-03/27/928 H	-	4000	12200
11(	1)					
B	1.3(	5000- 18)	5/15/11-05/15/911 R	-	4300	11645
12(	1)					
	2.3		5/31/43-06/05/943 R	-	4036	11135
13(	7)					
	5.5		5/04/69-05/08/969 R	-	4016	10525
	5.3		5/29/94-05/31/894 A MR	6-14	4004	10532
	4.1(	5000- 42)	4/14/21-04/16/921 A MR	4-19	4043	10543
	3.9(	5000- 30)	5/05/73-05/06/973 R	-	3935	10506
	3.9		5/01/04-05/03/904 A MR	4- 6	4059	10511
14(	2)					
	4.2		5/05/27-05/09/927 A MR	4-25	4330	10116
	4.0(	5000- 24)	5/30/35-05/31/935 A MR	3-28A	3915	10432
15(	4)					
	5.6(	5000- 36)	5/30/51-06/02/951 H	-	4118	9708
	4.7		3/14/19-03/16/919 A MR	2-19	3934	9507
	2.9(	5350- 20)	5/31/47-06/01/947 A MR	8- 8	4142	9721
	2.8(	10000- 48)	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	9)					
	6.9		5/25/15-05/29/915 A MR	2- 7	3911	9353
	6.3(	5000- 30)	5/16/74-05/18/974 H	-	3921	9447
	5.7		4/22/97-04/24/897 H	-	4053	9400
	4.9		5/30/19-04/04/919 A MR	2-21	4047	9320
	4.8		4/22/50-04/25/950 H	-	4055	9038
17(	4)					
	4.9(	5000- 42)	4/04/47-04/05/947 H	-	4134	8805
	4.5(	5000- 36)	5/17/27-05/19/927 A UMV	4-12	4040	8941
	4.3(	5000- 24)	3/24/54-03/25/954 H	-	4123	8928
	4.1		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	4)					
	7.9		3/23/13-03/27/913 A OR	1-15	4022	8346
	5.1		5/19/12-05/22/912 A GL	3- 1	4359	8429
	4.2		5/10/14-05/12/914 A GL	2-15	4154	8401
	2.8(	5000- 36)	3/13/18-03/14/918 A GL	2-17	4217	8436
19(	8)					
	8.1		5/30/89-06/01/889 A SA	1- 1	4145	7717
	7.1		5/17/94-05/22/894 A NA	1- 4	3926	7514
	6.7		4/24/37-04/28/937 A SA	5-13	3940	7754
	5.3		3/16/36-03/21/936 A SA	1-27	3921	7845
	5.1		5/19/42-05/23/942 A NA	2- 5	4048	7608
20(	1)					
	3.2		4/11/33-04/14/933 A NA	1-23	4308	7056
21(	0)					
22(	2)					
	7.3		4/04/26-04/09/926 H	-	3413	11803
	5.0		3/11/05-03/17/905 H	-	3418	11806
23(	3)					
	3.3		4/09/05-04/13/905 H	-	3414	11247
	2.9(	5000- 36)	4/05/26-04/10/926 H	-	3451	11200
	2.8		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	3.5		4/19/33-04/22/933 R	-	3808	10528
25(	5)					
	7.3		4/29/14-05/02/914 A SW	1-16	3620	10306
	6.4		4/04/00-04/05/900 H	-	3724	10237
	4.4(	5000- 30)	5/30/38-05/31/938 A MR	3-29	3854	10145
	4.0		5/26/37-05/30/937 A GM	5-17	3449	10344
	3.9		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	10)					
	13.4		5/06/43-05/12/943 A SW	2-20	3529	9518
	8.9		5/12/63-05/20/943 A SW	2-21	3552	9604
	8.4		5/21/08-05/25/908 A SW	1-10	3425	9839
	7.6		5/02/98-05/06/898 A SW	1- 2	3515	9728
	6.1		5/25/03-05/31/903 A MR	1- 9	3849	9736
27(	12)					
	8.3		5/25/93-05/29/893 A SW	1- 1	3444	9049
	7.7		4/17/27-04/21/927 A SW	2- 4	3441	9305
	6.4		5/09/18-05/13/918 A LMV	1-11	3620	9230
	6.3(	5000- 42)	3/24/04-03/26/904 A UMV	2- 4	3659	9159
	5.5		4/12/11-04/15/911 A LMV	1- 8	3433	9237
28(	7)					
	8.8(	5000- 36)	3/15/19-03/17/919 A LMV	1-12	3525	8839
	8.3		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	8.1		3/21/29-03/23/929 A OR	7-15	3548	8538
B	7.7		3/11/75-03/14/975 H	-	3558	8613
	6.8(	5000- 42)	3/11/63-03/12/963 H	-	3507	8522
29(	5)					
	9.1		3/26/86-04/01/886 H	-	3522	8247
	7.8		3/01/67-03/07/867 H	-	3507	8325
	5.4(	5000- 30)	3/14/12-03/15/912 A SA	2- 7	3519	8059
	5.2(	5000- 42)	3/11/63-03/12/963 H	-	3448	8342
	4.1		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	3)					
	6.2		5/18/01-05/22/901 A SA	2- 4	3432	7900
	4.0		5/07/24-05/12/924 A SA	1-24	3802	7830
	3.9(	20025- 36)	4/17/10-04/18/910 H	-	3650	7740
31(	0)					
32(	1)					
	2.8		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	5.0		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	9)					
	11.1		3/28/45-04/02/945 A SW	3- 5	3220	9545
	9.2		5/28/07-05/31/907 A LMV	3-13	2936	9538
	8.7		5/25/29-05/30/929 A GM	4-26	3012	9813
	7.8		5/22/36-05/28/936 A GM	5- 5	2955	9653
	7.5		4/22/15-04/26/915 A GM	4- 1	3018	9742
36(	20)					
	12.7		5/11/53-05/19/953 A LMV	5- 4	3146	9149
	11.7		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	9.7		4/23/53-05/04/953 A LMV	5- 3	3104	9312
	9.3		3/24/14-03/28/914 A LMV	3-19	3046	9332
	8.8		5/07/07-05/10/907 A LMV	3-12	3014	9159
37(	9)					
	17.3		3/11/29-03/16/929 A LMV	2-20	3125	8606
	11.7		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	11.1		4/12/74-04/14/974 H	-	3155	8942
	10.8		4/05/38-04/09/938 A GM	2-25	3208	8802
	9.8		3/22/97-03/23/897 H	-	3120	8537
38(	3)					
	6.2		5/21/06-05/26/906 A SA	4- 9	3005	8151
	6.0		3/03/29-03/05/929 A SA	3-19	3233	8414
	5.9		4/05/36-04/10/936 A SA	3-21A	3344	8244
39(	1)					
	7.5		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	1)					
	7.4		4/14/42-04/17/942 A SA	5- 7	2638	8008

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

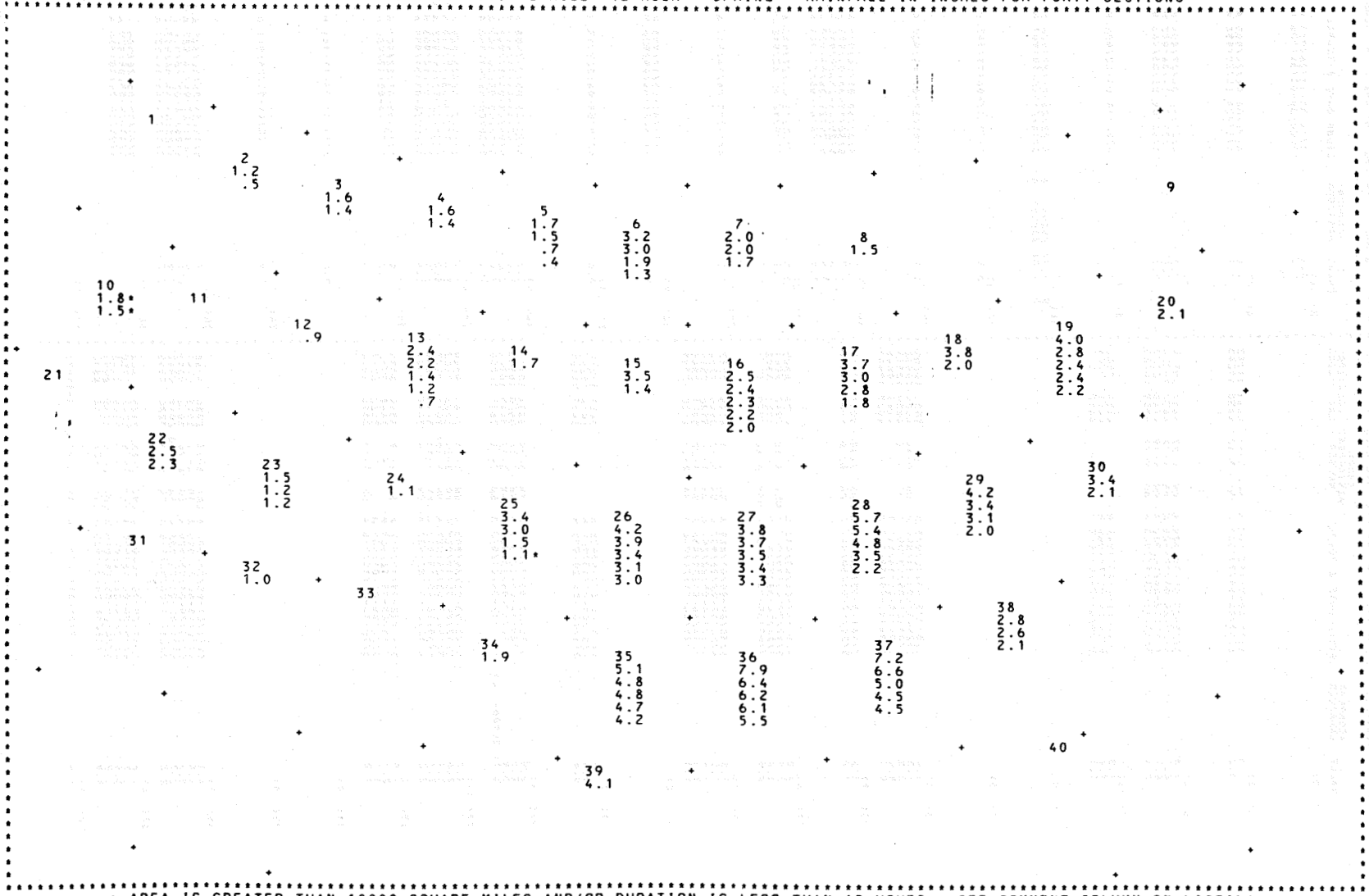


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 6 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)						
2(	2)						
	1.0		5/11/00-05/13/900	A MR	5-11	4638	11142
	0.8		5/19/02-05/20/902	A MR	5-12	4830	11245
3(	2)						
	1.0		4/22/00-04/24/900	A MR	5-10	4550	10957
	0.9		5/17/38-05/20/938	A MR	5- 6	4550	10957
4(	2)						
	1.0		5/25/29-05/30/929	A MR	4-27	4657	10349
	0.8		5/09/20-05/12/920	A MR	4-17	4437	10324
	0.4		4/11/12-04/14/912	A MR	5-19	4748	10328
	0.2		3/13/43-03/17/943	A MR	6-11	4853	10423
5(	4)						
	1.0		5/25/25-05/30/925	A MR	4-27	4657	10349
	0.8		5/09/20-05/12/920	A MR	4-17	4437	10324
	0.4		4/11/12-04/14/912	A MR	5-19	4748	10328
	0.2		3/13/43-03/17/943	A MR	6-11	4853	10423
6(	3)						
	2.2		4/25/54-04/27/954	H	-	4535	9555
	2.0		4/22/32-04/24/932	H	-	4600	9832
	0.8		3/02/66-03/05/966	H	-	4714	9835
7(	3)						
	1.3		5/27/42-05/31/942	H	-	4458	9306
	1.2		5/18/60-05/21/960	H	-	4435	9335
	1.1		5/28/43-06/01/943	H	-	4412	9015
8(	1)						
	1.1		4/27/09-05/02/909	H	-	4437	8447
9(	0)						
10(	2)						
	B 1.2(	25055- 6)	3/22/28-03/27/928	H	-	4000	12200
	B 1.0(	25055- 6)	3/16/07-03/19/907	H	-	4000	12200
11(	0)						
12(	1)						
	0.5		5/31/43-06/05/943	R	-	4036	11135
13(	5)						
	1.4		5/05/73-05/06/973	R	-	3955	10506
	1.3		5/29/94-05/31/894	A MR	6-14	4004	10532
	0.8		5/01/04-05/03/904	A MR	4- 6	4059	10511
	0.6		5/09/47-05/14/947	R	-	4245	10848
	0.5		5/04/43-05/09/943	R	-	4023	10640
14(	1)						
	1.1		5/05/27-05/09/927	A MR	4-25	4350	10116
15(	2)						
	2.0		3/14/19-03/16/919	A MR	2-19	3934	9507
	1.2		5/25/47-05/30/947	A MR	8- 6	4101	9553
16(	7)						
	1.9		5/02/19-05/04/919	A MR	2-20	4014	9440
	1.7		5/30/19-06/04/919	A MR	2-21	4047	9320
	1.6		5/25/15-05/29/915	A MR	2- 7	3911	9353
	1.6		5/29/29-06/03/929	A MR	3-25	4015	9402
	1.5		5/28/41-05/31/941	H	-	4313	9147
17(	4)						
	2.9		4/04/47-04/05/947	H	-	4134	8805
	2.5		5/17/27-05/19/927	A UMV	4-12	4040	8941
	1.8		3/24/54-03/25/954	H	-	4123	8928
	0.9		3/09/39-03/12/939	A UMV	4-16	3929	8811
18(	2)						
	2.3		3/23/13-03/27/913	A OR	1-15	4022	8346
	1.3		5/19/12-05/22/912	A GL	3- 1	4359	8429
19(	8)						
	2.8		5/30/89-06/01/889	A SA	1- 1	4145	7717
	1.5		4/24/37-04/28/937	A SA	5-13	3940	7754
	1.4		5/17/94-05/22/894	A NA	1- 4	3926	7514
	1.3		3/16/36-03/21/936	A SA	1-27	3921	7845
	1.3		5/25/46-05/28/946	A NA	2-12	4120	7745
20(	1)						
	1.3		4/11/33-04/14/933	A NA	1-23	4308	7056
21(	0)						
22(	2)						
	1.5		3/11/05-03/17/905	H	-	3418	11806
	1.2		4/04/26-04/09/926	H	-	3413	11803
23(	3)						
	1.0		4/05/26-04/10/926	H	-	3451	11200
	0.8		4/09/05-04/13/905	H	-	3414	11247
	0.6		3/12/05-03/20/905	H	-	3419	11125
24(	1)						
	0.6		4/19/33-04/22/933	R	-	3808	10528
25(	4)						
	2.9		5/30/38-05/31/938	A MR	3-29	3854	10145
	2.0		4/29/14-05/02/914	A SW	1-16	3620	10306
	0.9		5/26/37-05/30/937	A GM	5-17	3449	10344
	0.7(	20000- 6)	4/17/42-04/21/942	A SW	3- 6	3655	10258
26(	9)						
	3.3		5/21/08-05/25/908	A SW	1-10	3425	9839
	2.6		4/13/41-04/19/941	A SW	2-19	3549	9542
	2.6		5/06/43-05/12/943	A SW	2-20	3529	9518
	2.6		5/12/43-05/20/943	A SW	2-21	3552	9604
	2.3		5/30/06-06/01/906	A MR	1-20	3750	9541
27(	11)						
	2.7		5/25/93-05/29/893	A SW	1- 1	3444	9049
	2.6		5/17/29-05/18/929	A MR	3-24	3826	9302
	2.4		3/17/27-03/20/927	A MR	3-10A	3815	9227
	2.3		5/09/18-05/13/918	A LMV	1-11	3620	9230
	2.2		4/17/27-04/21/927	A SW	2- 4	3441	9305
28(	5)						
	3.7		3/21/29-03/23/929	A OR	7-15	3548	8538
	3.6		3/15/19-03/17/919	A LMV	1-12	3525	8839
	3.0		3/25/02-03/29/902	A LMV	2- 7	3442	8857
	2.4		3/11/63-03/12/963	H	-	3507	8522
	1.6		3/28/38-03/31/938	A OR	5- 8	3728	8806
29(	4)						
	2.9		3/14/12-03/15/912	A SA	2- 7	3519	8059
	2.2		3/11/63-03/12/963	H	-	3448	8342
	1.8		3/26/86-04/01/886	H	-	3522	8247
	1.2		3/12/18-03/15/918	A OR	3-10	3815	8034
30(	2)						
	1.9		5/18/01-05/22/901	A SA	2- 4	3432	7900
	1.2		5/07/24-05/12/924	A SA	1-24	3802	7830
31(	0)						
32(	1)						
	0.6		3/11/41-03/17/941	H	-	3323	11100
33(	0)						
34(	1)						
	1.2		5/20/41-05/25/941	A GM	5-18	3307	10312
35(	7)						
	4.4		5/28/07-05/31/907	A LMV	3-13	2936	9538
	4.0		4/22/15-04/26/915	A GM	4- 1	3018	9742
	3.8		5/25/29-05/30/929	A GM	4-26	3012	9813
	3.3		5/21/08-05/25/908	A SW	1-10B	2919	9928
	2.8		3/28/45-04/02/945	A SW	3- 5	3220	9545
36(	20)						
	5.7		5/16/35-05/20/935	A LMV	4-21	3059	9148
	4.8		4/12/27-04/16/927	A LMV	4- 8	2940	9005
	4.7		3/24/14-03/28/914	A LMV	3-19	3046	9332
	3.9		4/23/53-05/04/953	A LMV	5- 3	3104	9312
	3.7		3/11/21-03/14/921	A LMV	2-15	3106	9028
37(	8)						
	5.6		3/11/29-03/16/929	A LMV	2-20	3125	8604
	3.7		4/15/00-04/18/900	A LMV	2- 5	3247	8750
	3.5		4/12/74-04/14/974	H	-	3155	8942
	3.2		5/24/09-05/28/909	A LMV	2- 9	3239	8953
	2.9		4/05/38-04/09/938	A GM	2-25	3208	8802
38(	3)						
	1.7		5/21/06-05/26/906	A SA	4- 9	3005	8151
	1.6		3/03/29-03/05/929	A SA	3-19	3233	8414
	1.3		4/05/36-04/10/936	A SA	3-21A	3344	8244
39(	1)						
	3.6		5/27/25-05/29/925	A GM	4-21	2843	-10030
40(	0)						

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

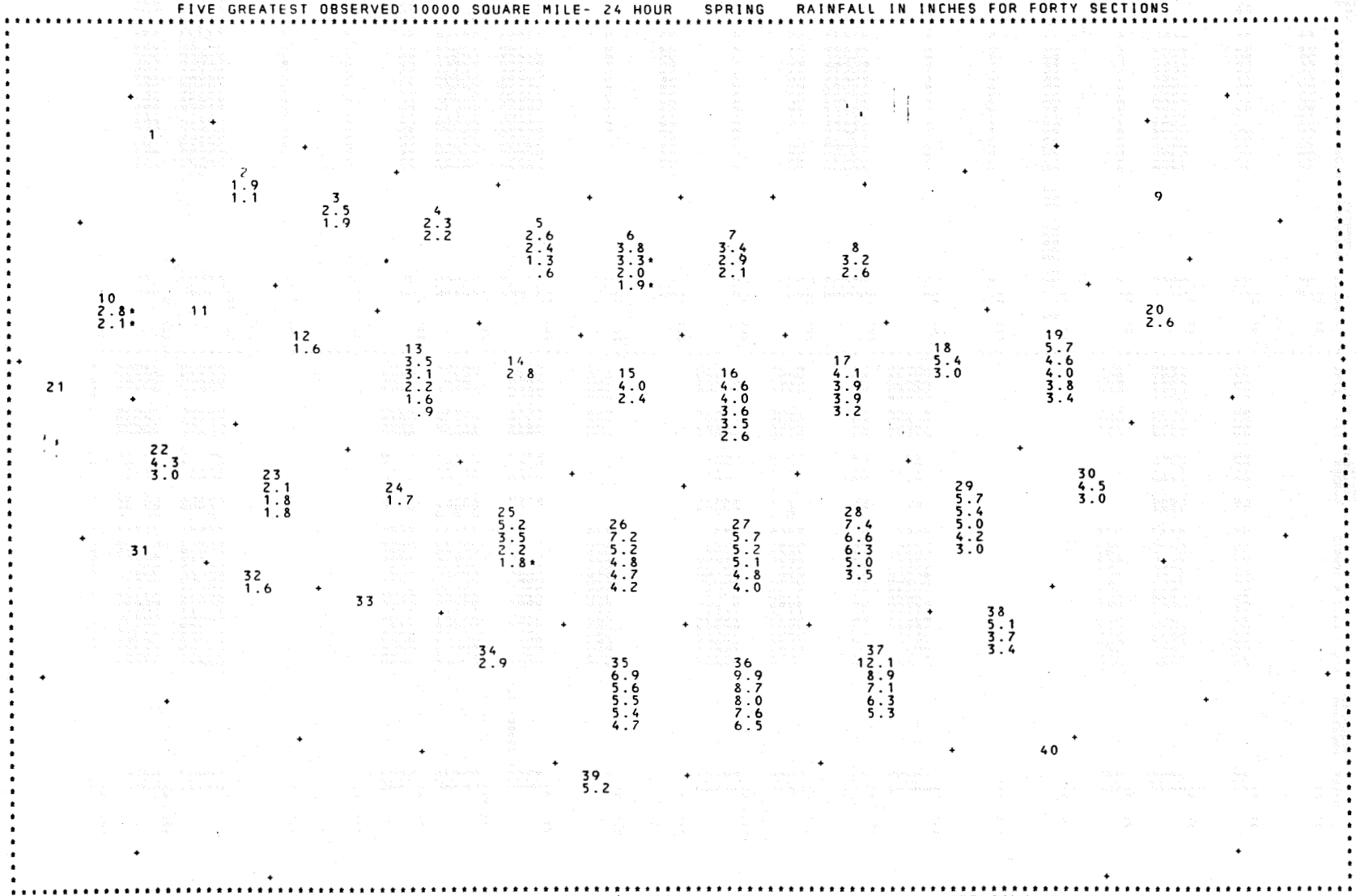


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 12 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)					
2(	2)					
	1.2		3/24/35-03/26/935 H	-	4723	11524
	0.5		5/26/06-05/30/906 H	-	4548	11824
3(	2)					
	1.6		5/11/00-05/13/900 A MR	5-11	4638	11142
	1.4		5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	1.6		4/22/00-04/24/900 A MR	5-10	4550	10957
	1.4		5/17/38-05/20/938 A MR	5- 6	4550	10957
5(	4)					
	1.7		5/25/29-05/30/929 A MR	4-27	4657	10349
	1.5		5/09/20-05/12/920 A MR	4-17	4437	10324
	0.7		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.4		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	4)					
	3.2		4/25/54-04/27/954 H	-	4535	9555
	3.0		4/22/32-04/24/932 H	-	4600	9852
	1.9		3/29/33-03/30/933 H	-	4658	9503
	1.3		3/02/66-03/05/966 H	-	4714	9835
7(	3)					
	2.0		5/27/42-05/31/942 H	-	4458	9306
	2.0		5/18/60-05/21/960 H	-	4435	9335
	1.7		5/28/43-06/01/943 H	-	4412	9015
8(	1)					
	1.5		4/27/09-05/02/909 H	-	4437	8447
9(	0)					
10(	2)					
B	1.8(25055- 12)		3/16/07-03/19/907 H	-	4000	12200
B	1.5(25055- 12)		3/22/28-03/27/928 H	-	4000	12200
11(	0)					
12(	1)					
	0.9		5/31/43-06/05/943 R	-	4036	11135
13(	5)					
	2.4		5/05/73-05/06/973 R	-	3955	10506
	2.2		5/29/94-05/31/894 A MR	6-14	4004	10532
	1.4		5/01/04-05/03/904 A MR	4- 6	4059	10511
	1.2		5/09/47-05/14/947 R	-	4245	10848
	0.7		5/04/43-05/09/943 R	-	4023	10640
14(	1)					
	1.7		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	2)	-				
	3.5		3/14/19-03/16/919 A MR	2-19	3934	9507
	1.4	-	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	7)					
	2.5		5/25/15-05/29/915 A MR	2- 7	3911	9353
	2.4		5/29/29-06/03/929 A MR	3-25	4015	9402
	2.3		4/22/50-04/25/950 H	-	4055	9038
	2.2		5/02/19-05/04/919 A MR	2-20	4014	9440
	2.0		5/30/19-06/04/919 A MR	2-21	4047	9320
17(	4)					
	3.7		4/04/47-04/05/947 H	-	4134	8805
	3.0		5/17/27-05/19/927 A UMV	4-12	4040	8941
	2.8		3/24/54-03/25/954 H	-	4123	8928
	1.8		3/09/39-03/12/939 A UMV	4-16	3929	8811
18(	2)					
	3.8		3/23/13-03/27/913 A OR	1-15	4022	8346
	2.0		5/19/12-05/22/912 A GL	3- 1	4359	8429
19(	8)					
	4.0		5/30/89-06/01/889 A SA	1- 1	4145	7717
	2.8		4/24/37-04/28/937 A SA	5-13	3940	7754
	2.4		3/16/36-03/21/936 A SA	1-27	3921	7845
	2.4		5/17/94-05/22/894 A MA	1- 4	3926	7514
	2.2		5/19/42-05/23/942 A MA	2- 5	4048	7608
20(	1)					
	2.1		4/11/33-04/14/933 A MA	1-23	4308	7056
21(	0)					
22(	2)					
	2.5		3/11/05-03/17/905 H	-	3418	11806
	2.3		4/04/26-04/09/926 H	-	3413	11803
23(	3)					
	1.5		4/05/26-04/10/926 H	-	3451	11200
	1.2		4/09/05-04/13/905 H	-	3414	11247
	1.2		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	1.1		4/19/33-04/22/933 R	-	3808	10528
25(	4)					
	3.4		5/30/38-05/31/938 A MR	3-29	3854	10145
	3.0		4/29/14-05/02/914 A SW	1-16	3620	10306
	1.5		5/26/37-05/30/937 A GM	3-17	3449	10344
	1.1(20000- 12)		4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	9)					
	4.2		5/21/08-05/25/908 A SW	1-10	3425	9839
	3.9		5/06/43-05/12/943 A SW	2-20	3529	9518
	3.4		4/13/41-04/19/941 A SW	2-19	3549	9542
	3.1		5/12/43-05/20/943 A SW	2-21	3552	9604
	3.0		5/02/98-05/06/898 A SW	1- 2	3513	9728
27(	11)					
	3.8		5/09/18-05/13/918 A LMV	1-11	3620	9230
	3.7		4/17/27-04/21/927 A SW	2- 4	3441	9305
	3.5		3/31/17-04/02/917 A UMV	3- 4	3549	9341
	3.4		5/17/29-05/18/929 A MR	3-24	3826	9302
	3.3		3/24/04-03/26/904 A UMV	2- 4	3659	9159
28(	5)					
	5.7		3/15/19-03/17/919 A LMV	1-12	3525	8839
	5.4		3/21/29-03/23/929 A OR	7-15	3548	8538
	4.8		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	3.5		3/11/63-03/12/963 H	-	3507	8522
	2.2		3/28/38-03/31/938 A OR	5- 8	3728	8806
29(	4)					
	4.2		3/14/12-03/15/912 A SA	2- 7	3519	8059
	3.4		3/26/86-04/01/886 H	-	3522	8247
	3.1		3/11/63-03/12/963 H	-	3448	8342
	2.0		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	3.4		5/18/01-05/22/901 A SA	2- 4	3432	7900
	2.1		5/07/24-05/12/924 A SA	1-24	3802	7830
31(	0)					
32(	1)					
	1.0		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	1.9		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	7)					
	5.1		5/25/29-05/30/929 A GM	4-26	3012	9813
	4.8		5/28/07-05/31/907 A LMV	3-13	2936	9538
	4.8		3/28/45-04/02/945 A SW	3- 5	3220	9545
	4.7		4/22/15-04/26/915 A GM	4- 1	3018	9742
	4.2		5/21/08-05/25/908 A SW	1-10B	2919	9928
36(	20)					
	7.9		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	6.4		4/23/53-05/04/953 A LMV	5- 3	3104	9312
	6.2		5/16/35-05/20/935 A LMV	4-21	3059	9148
	6.1		3/24/14-03/28/914 A LMV	3-19	3046	9332
	5.5		5/02/35-05/07/935 A LMV	4-20	3041	9144
37(	8)					
	7.2		3/11/29-03/16/929 A LMV	2-20	3125	8604
	6.6		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	5.0		4/12/74-04/14/974 H	-	3155	8942
	4.5		4/05/38-04/09/938 A GM	2-25	3208	8802
	4.5		5/24/09-05/28/909 A LMV	2- 9	3239	8953
38(	3)					
	2.8		5/21/06-05/26/906 A SA	4- 9	3005	8151
	2.6		5/03/29-05/05/929 A SA	3-19	3235	8414
	2.1		4/05/36-04/10/936 A SA	3-21A	3544	8244
39(	1)					
	4.1		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	0)					

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

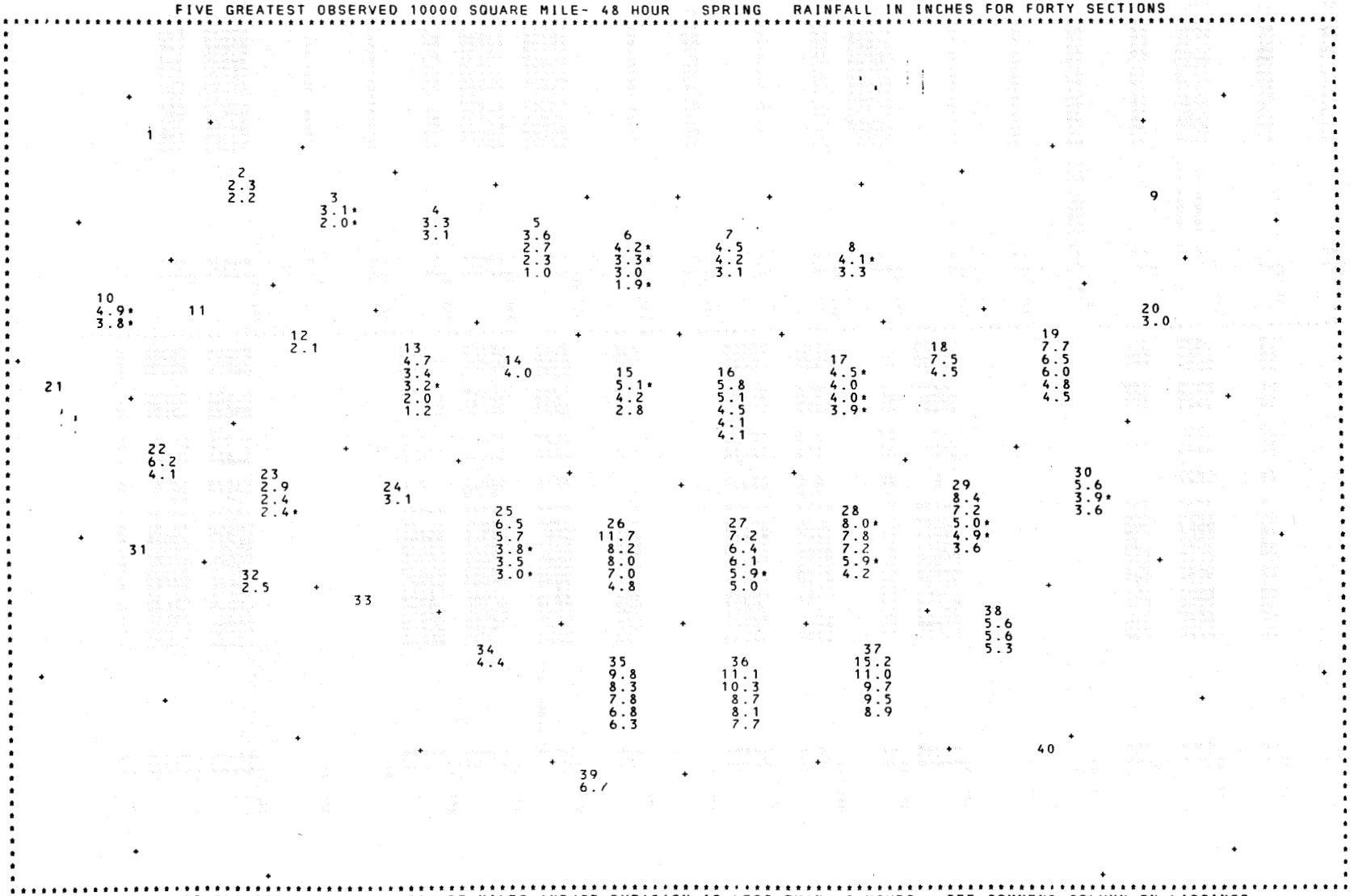


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 24 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)					
2(	2)					
	1.9		3/24/35-03/26/935 H	-	4723	11324
	1.1		5/26/06-05/30/906 H	-	4548	11824
3(	2)					
	2.5		5/11/09-05/13/900 A MR	5-11	4638	11142
	1.9		5/19/02-05/20/902 A MR	5-12	4830	11245
4(	2)					
	2.3		4/22/00-04/24/900 A MR	5-10	4550	10957
	2.2		5/17/38-05/20/938 A MR	5- 6	4550	10957
5(	4)					
	2.6		5/25/29-05/30/929 A MR	4-27	4657	10349
	2.4		5/09/20-05/12/920 A MR	4-17	4437	10324
	1.3		4/11/12-04/14/912 A MR	5-19	4748	10328
	0.6		3/13/43-03/17/943 A MR	6-11	4853	10423
6(	4)					
	3.8		4/25/54-04/27/954 H	-	4535	9555
	3.3(	10000- 18)	4/22/32-04/24/932 H	-	4600	9852
	2.0		3/02/66-03/05/966 H	-	4714	9835
	1.9(	10000- 12)	3/29/33-03/30/933 H	-	4658	9503
7(	3)					
	3.4		5/27/42-05/31/942 H	-	4458	9306
	2.9		5/18/60-05/21/960 H	-	4435	9335
	2.1		5/28/43-06/01/943 H	-	4412	9015
8(	2)					
	3.2		4/28/14-04/29/914 H	-	4646	8458
	2.6		4/27/09-05/02/909 H	-	4437	8447
9(	0)					
10(	2)					
B	2.8(	25055- 24)	3/16/07-03/19/907 H	-	4000	12200
B	2.1(	25055- 24)	3/22/28-03/27/928 H	-	4000	12200
11(	0)					
12(	1)					
	1.6		5/31/43-06/05/943 R	-	4036	11135
13(	5)					
	3.5		5/29/94-05/31/894 A MR	6-14	4004	10532
	3.1		5/05/73-05/06/973 R	-	3955	10506
	2.2		5/01/04-05/03/904 A MR	4- 6	4059	10511
	1.6		5/09/47-05/14/947 R	-	4245	10848
	0.9		5/04/43-05/09/943 R	-	4023	10640
14(	1)					
	2.8		5/05/27-05/09/927 A MR	4-25	4350	10116
15(	2)					
	4.0		3/14/19-03/16/919 A MR	2-19	3934	9507
	2.4	-	5/25/47-05/30/947 A MR	8- 6	4101	9553
16(	8)					
	4.6		4/22/97-04/24/897 H	-	4053	9400
	4.0		5/25/15-05/29/915 A MR	2- 7	3911	9353
	3.6		4/22/50-04/25/950 H	-	4055	9038
	3.5		5/29/29-06/03/929 A MR	3-25	4015	9402
	2.6		5/28/41-05/31/941 H	-	4313	9147
17(	4)					
	4.1		4/04/47-04/05/947 H	-	4134	8805
	3.9		5/17/27-05/19/927 A UMV	4-12	4040	8941
	3.9		3/24/54-03/25/954 H	-	4123	8928
	3.2		5/09/39-05/12/939 A UMV	4-16	3929	8811
18(	2)					
	5.4		3/23/13-03/27/913 A OR	1-15	4022	8346
	3.0		5/19/12-05/22/912 A GL	3- 1	4359	8429
19(	8)					
	5.7		5/30/89-06/01/889 A SA	1- 1	4145	7717
	4.6		4/24/37-04/28/937 A SA	5-13	3940	7754
	4.0		5/17/94-05/22/894 A MA	1- 4	3926	7514
	3.8		3/16/36-03/21/936 A SA	1-27	3921	7845
	3.4		5/25/46-05/28/946 A MA	2-12	4120	7745
20(	1)					
	2.6		4/11/33-04/14/933 A NA	1-23	4308	7056
21(	0)					
22(	2)					
	4.3		4/04/26-04/09/926 H	-	3413	11803
	3.0		3/11/05-03/17/905 H	-	3418	11806
23(	3)					
	2.1		4/05/26-04/10/926 H	-	3451	11200
	1.8		4/09/05-04/13/905 H	-	3414	11247
	1.8		3/12/05-03/20/905 H	-	3419	11125
24(	1)					
	1.7		4/19/33-04/22/933 R	-	3808	10528
25(	4)					
	5.2		4/29/14-05/02/914 A SW	1-16	3620	10306
	3.5		5/30/38-05/31/938 A MR	3-29	3854	10145
	2.2		5/26/37-05/30/937 A GM	5-17	3449	10344
	1.8(	20000- 24)	4/17/42-04/21/942 A SW	3- 6	3655	10258
26(	10)					
	7.2		5/06/43-05/12/943 A SW	2-20	3529	9518
	5.2		5/21/08-05/25/908 A SW	1-10	3425	9839
	4.8		5/12/43-05/20/943 A SW	2-21	3552	9604
	4.7		5/02/98-05/06/898 A SW	1- 2	3513	9728
	4.2		4/13/41-04/19/941 A SW	2-19	3549	9542
27(	11)					
	5.7		4/17/27-04/21/927 A SW	2- 4	3441	9305
	5.2		3/24/04-03/26/904 A UMV	2- 4	3659	9159
	5.1		5/25/93-05/29/893 A SW	1- 1	3444	9049
	4.8		5/09/18-05/13/918 A LMV	1-11	3620	9230
	4.0		3/31/17-04/02/917 A UMV	3- 4	3549	9341
28(	5)					
	7.4		3/15/19-03/17/919 A LMV	1-12	3525	8839
	6.6		3/21/29-03/23/929 A OR	7-15	3548	8538
	6.3		3/25/02-03/29/902 A LMV	2- 7	3442	8857
	5.0		3/11/63-03/12/963 H	-	3507	8522
	3.5		3/28/38-03/31/938 A OR	5- 8	3728	8806
29(	5)					
	5.7		3/01/67-03/07/867 H	-	3507	8325
	5.4		3/26/86-04/01/886 H	-	3522	8247
	5.0		3/14/12-03/15/912 A SA	2- 7	3519	8059
	4.2		3/11/63-03/12/963 H	-	3448	8342
	3.0		3/12/18-03/15/918 A OR	3-10	3815	8034
30(	2)					
	4.5		5/18/01-05/22/901 A SA	2- 4	3432	7900
	3.0		5/07/24-05/12/924 A SA	1-24	3802	7830
31(	0)					
32(	1)					
	1.6		3/11/41-03/17/941 H	-	3323	11100
33(	0)					
34(	1)					
	2.9		5/20/41-05/25/941 A GM	5-18	3307	10312
35(	7)					
	6.9		5/25/29-05/30/929 A GM	4-26	3012	9813
	5.6		4/22/15-04/26/915 A GM	4- 1	3018	9742
	5.5		5/28/07-05/31/907 A LMV	3-13	2936	9538
	5.4		3/28/45-04/02/945 A SW	3- 5	3220	9545
	4.7		5/21/08-05/25/908 A SW	1-10B	2919	9928
36(	20)					
	9.9		4/12/27-04/16/927 A LMV	4- 8	2940	9005
	8.7		4/23/53-05/04/953 A LMV	5- 3	3104	9312
	8.0		5/11/53-05/19/953 A LMV	5- 4	3146	9149
	7.6		3/26/14-03/28/914 A LMV	3-19	3046	9332
	6.5		5/02/35-05/07/935 A LMV	4-20	3041	9144
37(	9)					
	12.1		3/11/29-03/16/929 A LMV	2-20	3125	8604
	8.9		4/15/00-04/18/900 A LMV	2- 5	3247	8750
	7.1		4/12/74-04/14/974 H	-	3155	8942
	6.3		4/05/38-04/09/938 A GM	2-25	3208	8802
	5.3		3/22/97-03/23/897 H	-	3120	8537
38(	3)					
	5.1		3/03/29-03/05/929 A SA	3-19	3233	8414
	3.7		5/21/06-05/26/906 A SA	4- 9	3005	8151
	3.4		4/05/36-04/10/936 A SA	3-21A	3344	8244
39(	1)					
	5.2		5/27/25-05/29/925 A GM	4-21	2843	10030
40(	0)					

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

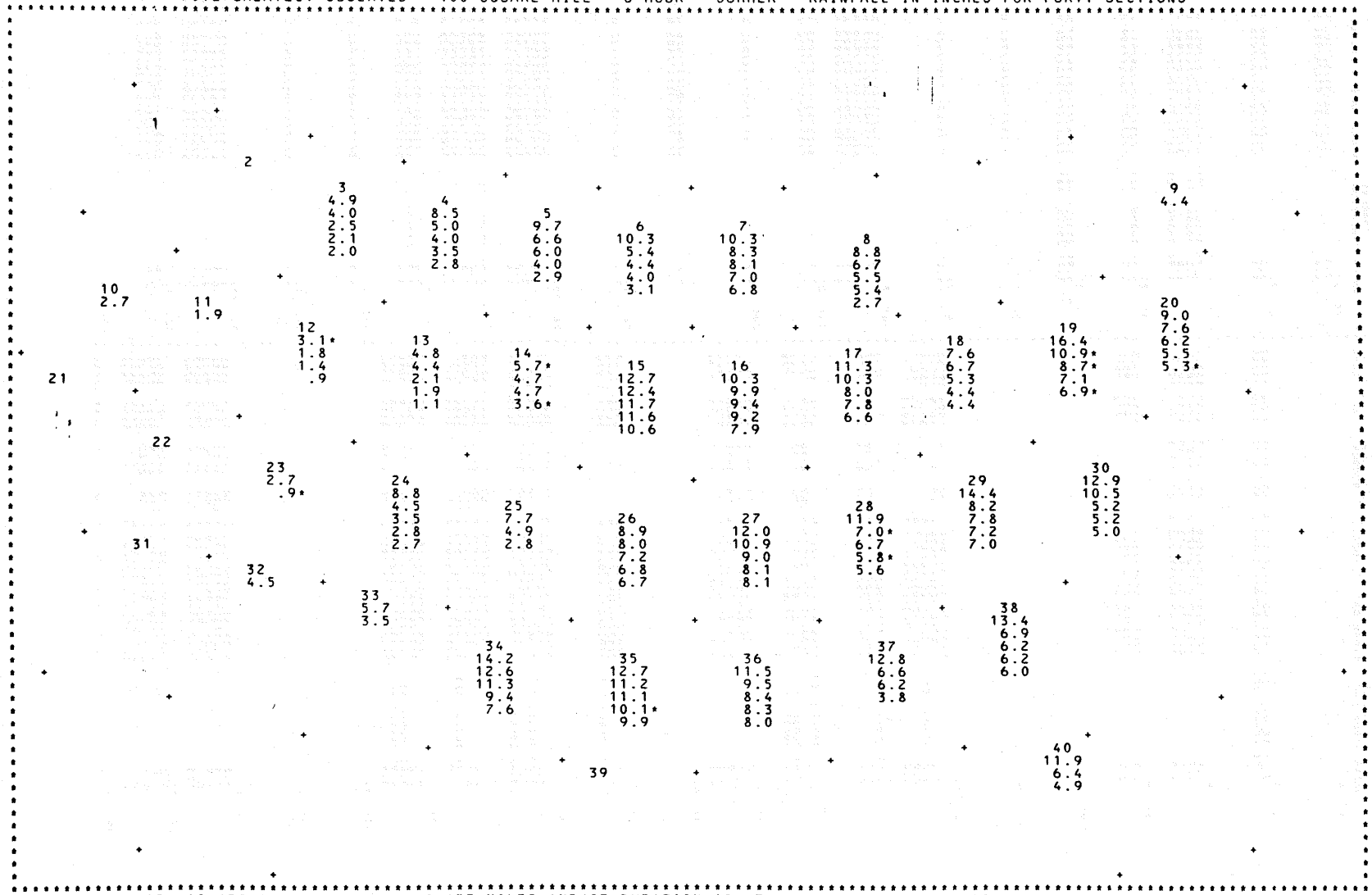


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 48 HOUR SPRING RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(	0)							
2(	2)							
	2.3		5/26/06-05/30/906	H		-	4548	11824
	2.2		3/24/35-03/26/935	H		-	4723	11524
3(	2)							
	3.1(	10000- 42)	5/11/00-05/13/900	A	MR	5-11	4638	11142
	2.0(	10000- 30)	5/19/02-05/20/902	A	MR	5-12	4830	11245
4(	2)							
	3.3		4/22/00-04/24/900	A	MR	5-10	4550	10957
	3.1		5/17/38-05/20/938	A	MR	5- 6	4550	10957
5(	4)							
	3.6		5/09/20-05/12/920	A	MR	4-17	4437	10324
	2.7		5/25/29-05/30/929	A	MR	4-27	4657	10340
	2.5		4/11/12-04/14/912	A	MR	5-19	4748	10328
	1.0		3/13/43-03/17/943	A	MR	6-11	4853	10423
6(	4)							
	4.2(	10000- 30)	4/25/54-04/27/954	H		-	4535	9555
	3.3(	10000- 18)	4/22/32-04/24/932	H		-	4600	9852
	3.0		3/02/66-03/05/966	H		-	4714	9835
	1.9(	10000- 12)	3/29/33-03/30/933	H		-	4658	9903
7(	3)							
	4.5		5/27/42-05/31/942	H		-	4458	9306
	4.2		5/18/60-05/21/960	H		-	4435	9335
	3.1		5/28/43-06/01/943	H		-	4412	9015
8(	2)							
	4.1(	10000- 42)	4/28/14-04/29/914	H		-	4646	8458
	3.3		4/27/09-05/02/909	H		-	4437	8447
9(	0)							
10(	2)							
B	4.9(	25055- 48)	3/16/07-03/19/907	H		-	4000	12200
B	3.8(	25055- 48)	3/22/28-03/27/928	H		-	4000	12200
11(	0)							
12(	1)							
	2.1		5/31/43-06/05/943	R		-	4036	11135
13(	5)							
	4.7		5/29/94-05/31/894	A	MR	6-14	4004	10532
	3.4		5/01/04-05/03/904	A	MR	4- 6	4059	10511
	3.2(	10000- 30)	5/05/73-05/06/973	R		-	3955	10506
	2.0		5/09/47-05/14/947	R		-	4245	10848
	1.2		5/04/43-05/09/943	R		-	4023	10640
14(	1)							
	4.0		5/05/27-05/09/927	A	MR	4-25	4350	10116
15(	3)							
	5.1(	10000- 36)	5/30/51-06/02/951	H		-	4118	9708
	4.2		3/14/19-03/16/919	A	MR	2-19	3934	9507
	2.8		5/25/47-05/30/947	A	MR	8- 6	4101	9553
16(	8)							
	5.8		5/25/15-05/29/915	A	MR	2- 7	3911	9353
	5.1		4/22/97-04/24/897	H		-	4053	9400
	4.5		4/22/50-04/25/950	H		-	4055	9038
	4.1		5/29/29-06/03/929	A	MR	3-25	4015	9402
	4.1		5/30/19-06/04/919	A	MR	2-21	4047	9320
17(	4)							
	4.5(	10000- 42)	4/04/47-04/05/947	H		-	4134	8805
	4.0		3/09/39-03/12/939	A	UMV	4-16	3929	8811
	4.0(	10000- 36)	5/17/27-05/19/927	A	UMV	4-12	4040	8941
	3.9(	10000- 24)	3/24/54-03/25/954	H		-	4123	8928
18(	2)							
	7.5		3/23/13-03/27/913	A	OR	1-15	4022	8346
	4.5		5/19/12-05/22/912	A	GL	3- 1	4359	8429
19(	8)							
	7.7		5/30/89-06/01/889	A	SA	1- 1	4145	7717
	6.5		5/17/94-05/22/894	A	NA	1- 4	3926	7514
	6.0		4/24/37-04/28/937	A	SA	5-13	3940	7754
	4.8		3/16/36-03/21/936	A	SA	1-27	3921	7845
	4.5		5/19/42-05/23/942	A	NA	2- 5	4048	7608
20(	1)							
	3.0		4/11/33-04/14/933	A	NA	1-23	4308	7056
21(	0)							
22(	2)							
	6.2		4/04/26-04/09/926	H		-	3413	11803
	4.1		3/11/05-03/17/905	H		-	3418	11806
23(	3)							
	2.9		4/09/05-04/13/905	H		-	3414	11247
	2.4		3/12/05-03/20/905	H		-	3419	11125
	2.4(	10000- 36)	4/05/26-04/10/926	H		-	3451	11200
24(	1)							
	3.1		4/19/33-04/22/933	R		-	3808	10528
25(	5)							
	6.5		4/29/14-05/02/914	A	SW	1-16	3620	10306
	5.7		4/04/00-04/05/900	H		-	3724	10237
	3.8(	10000- 30)	5/30/38-05/31/938	A	MR	3-29	3854	10145
	3.5		5/26/37-05/30/937	A	GM	5-17	3449	10344
	3.0(	20000- 48)	4/17/42-04/21/942	A	SW	3- 6	3655	10258
26(	10)							
	11.7		5/06/43-05/12/943	A	SW	2-20	3529	9518
	8.2		5/21/08-05/25/908	A	SW	1-10	3425	9839
	8.0		5/12/43-05/20/943	A	SW	2-21	3552	9604
	7.0		5/02/98-05/06/898	A	SW	1- 2	3513	9728
	4.8		5/25/03-05/31/903	A	MR	1- 9	3849	9736
27(	11)							
	7.2		5/25/93-05/29/893	A	SW	1- 1	3444	9049
	6.4		4/17/27-04/21/927	A	SW	2- 4	3441	9305
	6.1		5/09/18-05/13/918	A	LMV	1-11	3620	9230
	5.9(	10000- 42)	3/24/04-03/26/904	A	UMV	2- 4	3659	9159
	5.0		4/12/11-04/15/911	A	LMV	1- 8	3433	9237
28(	5)							
	8.0(	10000- 36)	3/15/19-03/17/919	A	LMV	1-12	3525	8839
	7.8		3/25/02-03/29/902	A	LMV	2- 7	3442	8857
	7.2		3/21/29-03/23/929	A	OR	7-15	3548	8558
	5.9(	10000- 42)	3/11/63-03/12/963	H		-	3507	8522
	4.2		3/28/38-03/31/938	A	OR	5- 8	3728	8806
29(	5)							
	8.4		3/26/86-04/01/886	H		-	3522	8247
	7.2		3/01/67-03/07/867	H		-	3507	8325
	5.0(	10000- 30)	3/14/12-03/15/912	A	SA	2- 7	3519	8059
	4.9(	10000- 42)	3/11/63-03/12/963	H		-	3448	8342
	3.6		3/12/18-03/15/918	A	OR	3-10	3815	8034
30(	3)							
	5.6		5/18/01-05/22/901	A	SA	2- 4	3432	7900
	3.9(	20025- 36)	4/17/10-04/18/910	H		-	3650	7740
	3.6		5/07/24-05/12/924	A	SA	1-24	3802	7830
31(	0)							
32(	1)							
	2.5		3/11/41-03/17/941	H		-	3323	11100
33(	0)							
34(	1)							
	4.4		5/20/41-05/25/941	A	GM	5-18	3307	10312
35(	7)							
	9.8		3/28/45-04/02/945	A	SW	3- 5	3220	9545
	8.3		5/28/07-05/31/907	A	LMV	3-13	2936	9538
	7.8		5/25/29-05/30/929	A	GM	4-26	3012	9813
	6.8		5/22/36-05/28/936	A	GM	5- 5	2955	9653
	6.3		4/22/15-04/26/915	A	GM	4- 1	3018	9742
36(	20)							
	11.1		5/11/53-05/19/953	A	LMV	5- 6	3146	9149
	10.3		4/12/27-04/16/927	A	LMV	4- 8	2940	9005
	8.7		4/23/53-05/04/953	A	LMV	5- 3	3104	9312
	8.1		3/24/14-03/28/914	A	LMV	3-19	3046	9332
	7.7		5/16/35-05/20/935	A	LMV	4-21	3059	9148
37(	9)							
	15.2		3/11/29-03/16/929	A	LMV	2-20	3125	8604
	11.0		4/15/00-04/18/900	A	LMV	2- 5	3247	8750
	9.7		4/05/38-04/09/938	A	GM	2-25	3208	8802
	9.5		4/12/74-04/14/974	H		-	3155	8962
	8.9		3/22/97-03/23/897	H		-	3120	8537
38(	3)							
	5.6		3/03/29-03/05/929	A	SA	3-19	3233	8414
	5.6		4/05/36-04/10/936	A	SA	3-21A	3344	8244
	5.3		5/21/06-05/26/906	A	SA	4- 9	3005	8151
39(	1)							
	6.7		5/27/25-05/29/925	A	GM	4-21	2843	10030
40(	0)							

FIVE GREATEST OBSERVED 100 SQUARE MILE- 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

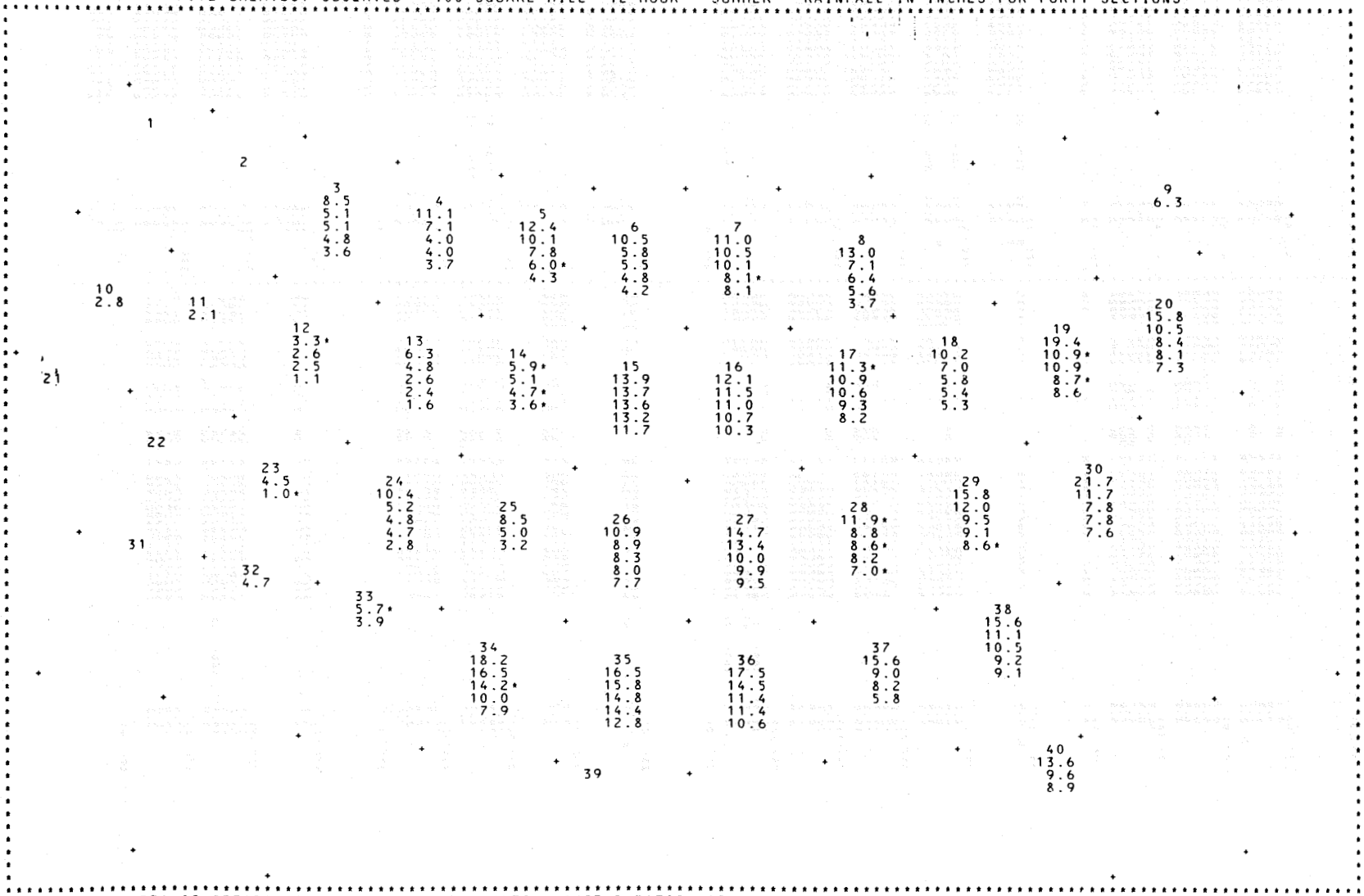


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)							
2(	0)							
3(	8)							
	4.9		6/06/64-06/08/964	A	MP	2-23	4726	11241
	4.0		6/16/48-06/17/948	H		-	4812	11230
	2.5		6/19/16-06/22/916	R		-	4728	11146
	2.1		6/21/07-06/23/907	A	MR	5-14	4749	11210
B	2.0		6/26/44-06/27/944	R		-	4415	11215
4(	9)							
	8.5		6/17/21-06/21/921	A	MR	4-21	4718	10535
	5.0		6/06/06-06/08/906	A	MR	5-13	4804	10939
	4.0		6/14/44-06/18/944	R		-	4722	10814
	3.5		7/22/23-07/26/923	A	MR	4-22	4446	10658
	2.8		6/12/14-06/14/914	A	MR	5-20	4821	10753
5(	9)							
	9.7		6/24/66-06/24/966	R		-	4721	10119
	6.6		6/25/14-06/28/914	A	MR	4-14A	4629	10017
	6.0		6/12/07-06/13/907	A	MR	4-10	4435	10320
	4.0		7/05/28-07/08/928	A	UMV	1-18	4820	10140
	2.9		6/06/29-06/07/929	A	MR	4-28	4657	10400
6(	5)							
	10.3		7/18/09-07/23/909	A	UMV	1-11A	4721	9548
	5.4		7/01/01-07/06/901	A	UMV	1- 8	4866	9660
	4.6		8/19/18-08/22/918	A	MR	4-16	4730	9719
	4.0		6/25/14-06/28/914	A	MR	4-16B	4535	9555
	3.1		7/18/97-07/22/897	A	UMV	1- 2	4747	9535
7(	14)							
	10.3		7/18/09-07/23/909	A	UMV	1-11	4627	9011
	8.3		7/21/72-07/22/972	H		-	4610	9430
	8.1		8/28/41-08/31/941	A	UMV	1-22	4600	9128
	7.0		7/13/16-07/17/916	A	UMV	1-16	4619	9428
	6.8		6/03/05-06/08/905	A	GL	2-12	4508	9020
8(	5)							
	8.8		7/04/69-07/05/969	H		-	4400	8200
	6.7		8/31/37-09/03/937	A	GL	3- 5	4517	8437
	5.5		6/08/22-06/11/922	A	GL	2-21	4420	8812
	5.4		7/19/12-07/24/912	A	GL	2-29	4511	8941
	2.7		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
9(	1)							
	4.4		8/24/92-08/27/892	H		-	4427	7546
10(	1)							
	2.7		6/04/47-06/05/947	R		-	4030	12215
11(	1)							
B	1.9		6/10/43-06/13/943	R		-	4140	11525
12(	4)							
B	3.1(	200- 6)	7/23/13-07/26/913	R		-	4235	11230
B	1.8		6/07/44-06/12/944	R		-	4345	11335
	1.4		8/28/09-09/02/909	H		-	3930	11050
	0.9		6/08/47-06/12/947	H		-	4109	11155
13(	5)							
	4.8		8/31/38-09/04/938	R		-	4025	10512
	4.4		8/30/38-09/04/938	A	MR	5- 8	4023	10504
	2.1		7/27/22-08/03/922	R		-	3945	10533
	1.9		7/19/29-07/24/929	R		-	3913	10517
	1.1		6/07/43-06/03/943	R		-	3933	10720
14(	4)							
	5.7(	100- 4)	6/17/47-06/18/947	A	MR	7-16	4149	10361
	4.7		7/27/51-07/28/951	A	MR	10- 7	4236	10306
B	4.7		6/12/49-06/14/949	R		-	4004	10427
	3.6(	200- 6)	6/12/49-06/14/949	R		-	4000	10438
15(	24)							
	12.7		7/22/11-07/23/911	R		-	4022	9654
	12.4		6/23/63-06/24/963	H		-	4114	9705
	11.7		6/10/44-06/13/944	A	MR	6-15	4132	9703
	11.6		6/04/96-06/07/896	A	MR	4- 3	4133	9832
	10.6		6/03/40-06/04/940	A	MR	4- 5	4201	9653
16(	34)							
	10.3		7/01/58-07/02/958	H		-	4143	9456
	9.9		7/09/22-07/12/922	A	MR	2-29	4029	9425
	9.4		7/16/68-07/17/968	H		-	4230	9219
	9.2		6/09/05-06/10/905	A	UMV	2- 5	4042	9148
	7.9		6/25/44-06/26/944	A	UMV	2-30	4158	9058
17(	11)							
	11.3		8/31/14-09/01/914	A	GL	2-16	4225	8535
	10.3		7/08/51-07/09/951	H		-	4045	8849
	8.0		6/27/57-06/28/957	H		-	3938	8742
	7.8		7/18/52-07/19/952	H		-	4215	8905
	6.6		7/12/57-07/13/957	H		-	4108	8753
18(	11)							
	7.6		8/06/35-08/07/935	A	OR	9-11	4016	8152
	6.7		7/12/13-07/15/913	A	OR	3- 7	4003	8213
	5.3		8/08/13-08/10/913	A	GL	3- 6	4336	8334
	4.4		7/03/31-07/03/931	A	OR	2- 6	3900	8420
	4.4		7/18/19-07/21/919	A	GL	4-15	4034	8234
19(	27)							
	16.4		7/17/42-07/18/942	A	OR	9-23	4150	7825
	10.9(	100- 3)	8/05/43-08/05/843	H		-	3953	7532
	8.7(	100- 4)	7/09/45-07/09/945	H		-	4042	7512
	7.1		6/19/72-06/23/972	H		-	4204	7810
	6.9(	100- 4)	8/01/13-08/01/913	H		-	4059	7512
20(	17)							
	9.0		8/19/39-08/19/939	A	NA	2- 3	3942	7416
	7.6		8/17/55-08/20/955	A	NA	2-22A	4207	7245
	6.2		8/13/19-08/14/919	A	NA	1-12	3936	7421
	5.5		8/20/33-08/24/933	A	NA	1-24	4156	7423
	5.3(	100- 3)	8/21/39-08/21/939	H		-	4351	7045
21(	0)							
22(	0)							
23(	2)							
	2.7		8/26/51-08/30/951	H		-	3407	11221
B	0.9(	1108- 6)	8/17/45-08/19/945	R		-	3737	11430
24(	13)							
	8.8		6/02/21-06/06/921	A	SW	1-23	3827	10504
	4.5		7/19/15-07/28/915	A	SW	1-18	3446	10620
	3.5		6/06/15-06/12/915	A	SW	1-14	3536	10505
	2.8		8/17/21-08/25/921	R		-	3728	10510
	2.7		8/29/42-09/01/942	A	SW	2-29	3456	10506
25(	3)							
	7.7		6/13/65-06/20/965	H		-	3743	10223
	4.9		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
	2.8		8/06/29-08/11/929	A	SW	2-27	3549	10456
26(	13)							
	8.9		6/02/32-06/06/932	A	SW	2- 7	3530	9654
	8.0		8/11/27-08/14/927	A	MR	3-13	3831	9912
	7.2		8/15/32-08/17/932	A	SW	2- 8	3624	9754
	6.8		7/25/63-07/25/963	H		-	3611	9554
	6.7		7/12/27-07/15/927	A	SW	2- 5	3412	9708
27(	22)							
	12.0		8/27/47-08/28/947	A	SW	3- 7A	3414	9420
	10.9		6/14/57-06/15/957	H		-	3837	9024
	9.0		8/12/46-08/15/946	A	MR	7- 2A	3840	9313
	8.1		6/03/43-06/04/943	A	MR	6- 3	3831	9409
	8.1		7/07/42-07/09/942	A	UMV	3-21	3845	9023
28(	9)							
	11.9		8/11/52-08/12/952	A	UMV	3-30	3712	8933
	7.0(	100- 3)	6/18/39-06/18/939	H		-	3527	8648
	6.7		6/20/35-06/21/935	A	OR	5- 5	3712	8712
	5.8(	1000- 6)	6/22/69-06/23/969	H		-	3644	8613
	5.6		8/12/46-08/16/946	A	MR	7- 2B	3840	8959
29(	12)							
	14.4		7/04/39-07/05/939	H		-	3813	8322
	8.2		8/04/43-08/05/943	A	OR	3-30	3856	8050
	7.8		8/30/40-08/31/940	H		-	3500	8306
	7.2		7/13/16-07/17/916	A	SA	2- 9	3553	8201
	7.0		7/31/32-08/03/932	A	OR	2- 8	3802	8436
30(	13)							
	12.9		8/19/69-08/20/969	A	NA	2-23	3749	7900
	10.5		7/26/97-07/29/897	A	NA	1- 7	3846	7634
	5.2		8/10/28-08/13/928	A	NA	1-18	3844	7651
	5.2		7/27/23-08/01/923	A	SA	1-15	3815	7806
	5.0		8/10/40-08/17/940	A	SA	5-19C	3442	7718
31(	0)							
32(	1)							
	4.5		8/19/54-08/20/954	H		-	3323	11124
33(	2)							
	5.7		8/29/35-08/30/935	H		-	3217	10646
	3.5		7/21/05-07/25/905	A	GM	3-13	3256	10517
34(	8)							
	14.2		6/19/39-06/20/939	H		-	3244	10055
	12.6		6/23/54-06/28/954	A	SW	3-22	3022	10123
	11.3		6/23/48-06/24/948	H		-	2922	10037
	9.4		7/19/38-07/25/938	A	GM	5-10	3046	10044
	7.6		8/04/06-08/06/906	A	GM	3-14	3117	10048
35(	11)							
	12.7		6/27/36-07/04/936	A	GM	5- 6	2924	9739
	11.2		6/30/32-07/02/932	A	GM	5- 1	3001	9907
	11.1		6/05/43-06/07/943	A	SW	3- 3	3240	9536
	10.3(	100- 3)	6/28/40-06/30/940	A	GM	5-11	2941	9701
	9.9		8/24/47-08/27/947	A	SW	3- 7B	3251	9651
36(	11)							
	11.5		6/13/86-06/17/886	A	LMV	4-27	3119	9233
	9.5		8/12/38-08/15/938	A	LMV	4-23	3020	9245
	8.4		6/30/40-07/02/940	A	LMV	4-25	3335	9403
	8.3		7/27/43-07/29/943	A	GM	5-21	3002	9435
	8.0		8/06/40-08/09/940	A	LMV	4-24	2945	9210
37(	4)							
	12.8		7/05/16-07/10/916	A	GM	1-19	3049	8619
	6.6		8/26/98-08/29/898	A	SA	3- 5	3012	8543
	6.2		6/01/28-06/05/928	A	LMV	2-18	3155	8745
	3.8		7/29/36-08/02/936	A	SA	3-22	3026	8502
38(	6)							
	13.6		8/28/11-08/31/911	A	SA	3-11	3030	8202
	6.9		8/26/93-08/28/893	A	SA	2- 1	3341	8012
	6.2		7/27/87-07/31/887	A	SA	3- 1	3337	8304
	6.2		8/10/40-08/17/940	A	SA	5-19D	3223	8043
	6.0		8/30/98-09/03/898	A	SA	3- 6	3223	8042
39(	0)							
40(	3)							
	11.9		8/01/15-08/03/915	A	SA	4-15	2747	8238
	6.4		8/07/28-08/12/928	A	SA	4-24	2814	8117
	4.9		6/12/34-06/16/934	A	SA	5- 1	2821	8217

FIVE GREATEST OBSERVED 100 SQUARE MILE- 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

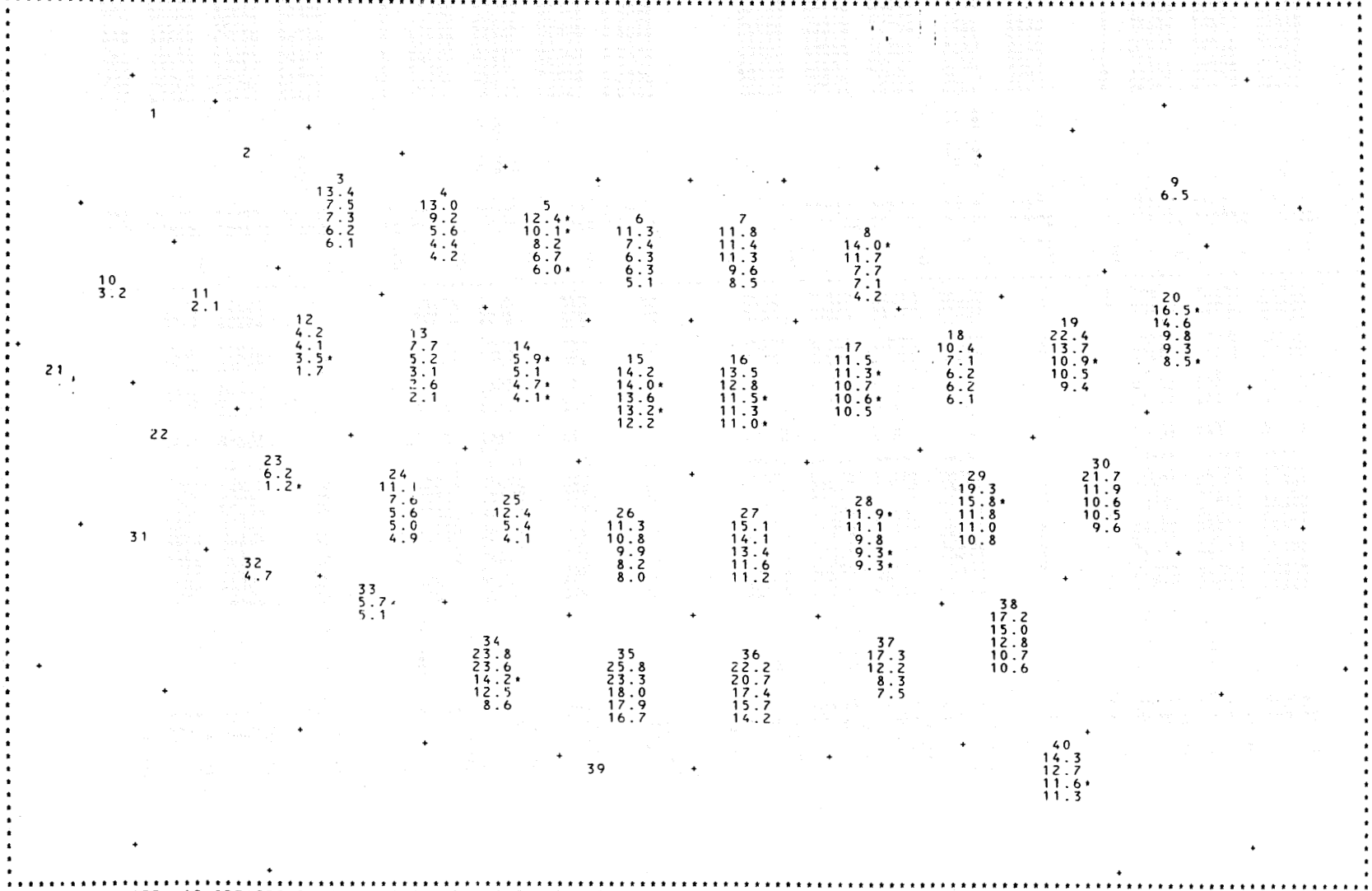


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	0)						
3(	9)						
	8.5		6/06/64-06/08/964	A NP	2-23	4726	11241
	5.1		6/16/48-06/17/948	H	-	4812	11230
	5.1		6/01/53-06/04/953	H	-	4725	11050
	4.8		6/19/16-06/22/916	R	-	4728	11146
	3.6		6/03/08-06/06/908	A MR	5-15	4711	11108
4(	9)						
	11.1		6/17/21-06/21/921	A MR	4-21	4718	10535
	7.1		6/06/06-06/08/906	A MR	5-13	4804	10939
	4.0		6/11/37-06/13/937	A MR	5-29	4730	10534
	4.0		6/14/44-06/18/944	R	-	4722	10814
	3.7		7/22/23-07/26/923	A MR	4-22	4446	10658
5(	10)						
	12.4		6/09/72-06/09/972	H	-	4412	10331
	10.1		6/24/66-06/24/966	R	-	4721	10119
	7.8		6/25/14-06/28/914	A MR	4-14A	4629	10017
	6.0(100- 6)		6/12/07-06/13/907	A MR	4-10	4435	10320
	4.3		6/06/29-06/07/929	A MR	4-28	4657	10400
6(	5)						
	10.5		7/18/09-07/23/909	A UMV	1-11A	4721	9548
	5.8		7/01/01-07/06/901	A UMV	1- 8	4822	9620
	5.5		8/19/18-08/22/918	A MR	4-16	4730	9719
	4.8		7/18/97-07/22/897	A UMV	1- 2	4747	9555
	4.2		6/25/14-06/28/914	A MR	4-14B	4535	9555
7(	15)						
	11.0		8/28/41-08/31/941	A UMV	1-22	4600	9128
	10.5		7/18/09-07/23/909	A UMV	1-11	4627	9011
	10.1		7/21/72-07/22/972	H	-	4610	9430
	8.1(100- 9)		6/19/43-06/20/943	H	-	4528	9115
	8.1		6/03/05-06/08/905	A GL	2-12	4508	9020
8(	5)						
	13.0		7/04/69-07/05/969	H	-	4400	8200
	7.1		8/31/37-09/03/937	A GL	3- 5	4517	8437
	6.4		7/19/12-07/24/912	A GL	2-29	4511	8941
	5.6		6/08/22-06/11/922	A GL	2-21	4420	8812
	3.7		7/01/00-07/06/900	A UMV	1- 5	4457	8937
9(	1)						
	6.3		8/24/92-08/27/892	H	-	4427	7546
10(	1)						
	2.8		6/04/47-06/05/947	R	-	4030	12215
11(	1)						
B	2.1		6/10/43-06/13/943	R	-	4140	11525
12(	4)						
B	3.3(200- 12)		7/23/13-07/26/913	R	-	4235	11230
	2.6		8/28/09-09/02/909	H	-	3930	11050
B	2.5		6/07/44-06/12/944	R	-	4345	11335
	1.1		6/08/47-06/12/947	H	-	4109	11155
13(	5)						
	6.3		8/31/38-09/04/938	R	-	4025	10512
	4.8		8/30/38-09/04/938	A MR	5- 8	4023	10504
	2.6		7/19/29-07/24/929	R	-	3913	10517
	2.4		7/27/22-08/03/922	R	-	3945	10533
	1.6		6/01/43-06/03/943	R	-	3933	10720
14(	4)						
	5.9(100- 10)		6/17/47-06/18/947	A MR	7-16	4149	10341
B	5.1		6/12/49-06/14/949	R	-	4004	10427
	4.7(100- 6)		7/27/51-07/28/951	A MR	10- 7	4236	10306
	3.6(200- 6)		6/12/49-06/14/949	R	-	4000	10438
15(	24)						
	13.9		6/23/63-06/24/963	H	-	4114	9705
	13.7		8/12/66-08/13/966	R	-	4133	9832
	13.6	-	6/10/44-06/13/944	A MR	6-15	4152	9703
	13.2		7/22/11-07/23/911	R	-	4022	9654
	11.7	-	6/03/40-06/04/940	A MR	4- 5	4201	9653
16(	34)						
	12.1		7/16/68-07/17/968	H	-	4230	9219
	11.5		6/09/05-06/10/905	A UMV	2- 5	4042	9148
	11.0		7/01/58-07/02/958	H	-	4143	9456
	10.7		7/09/22-07/12/922	A MR	2-29	4029	9425
	10.3		8/24/03-08/28/903	A MR	1-10	4057	9335
17(	11)						
	11.3(100- 6)		8/31/14-09/01/914	A GL	2-16	4225	8535
	10.9		6/27/57-06/28/957	H	-	3938	8742
	10.6		7/08/51-07/09/951	H	-	4045	8849
	9.3		7/12/57-07/13/957	H	-	4108	8753
	8.2		6/29/38-07/01/938	A GL	3-11	4235	8802
18(	11)						
	10.2		8/06/35-08/07/935	A OR	9-11	4016	8152
	7.0		7/12/13-07/15/913	A OR	3- 7	4003	8213
	5.8		8/08/13-08/10/913	A GL	3- 2	4336	8354
	5.4		8/25/03-08/30/903	A GL	1- 9	4119	8152
	5.3		7/18/19-07/21/919	A GL	4-15	4034	8234
19(	27)						
	19.4		7/17/42-07/18/942	A OR	9-23	4150	7825
	10.9(100- 3)		8/05/43-08/05/843	H	-	3953	7532
	10.9		6/19/72-06/23/972	H	-	4204	7810
	8.7(100- 4)		7/09/45-07/09/945	H	-	4042	7512
	8.6		7/06/35-07/10/935	A NA	1-27	4230	7653
20(	18)						
	15.8		8/19/39-08/19/939	A NA	2- 3	3942	7416
	10.5		8/17/55-08/20/955	A NA	2-22A	4207	7245
	8.4		8/13/19-08/14/919	A NA	1-12	3936	7421
	8.1		8/20/33-08/24/933	A NA	1-24	4156	7423
	7.3		7/26/97-07/29/897	A NA	1- 7A	4040	7414
21(	0)						
22(	0)						
23(	2)						
	4.5		8/26/51-08/30/951	H	-	3407	11221
B	1.0(1108- 12)		8/17/45-08/19/945	R	-	3737	11430
24(	13)						
	10.4		6/02/21-06/06/921	A SW	1-23	3827	10504
	5.2		8/29/42-09/01/942	A SW	2-29	3456	10506
	4.8		7/19/15-07/28/915	A SW	1-18	3446	10620
	4.7		6/06/13-06/12/913	A SW	1-14	3556	10505
	2.8		8/17/21-08/25/921	R	-	3728	10510
25(	3)						
	8.5		6/13/65-06/20/965	H	-	3743	10223
	5.0		6/02/32-06/06/932	A SW	2- 7A	3828	10146
	3.2		8/06/29-08/11/929	A SW	2-27	3549	10456
26(	13)						
	10.9		6/02/32-06/06/932	A SW	2- 7	3530	9654
	8.9		8/15/32-08/17/932	A SW	2- 8	3624	9754
	8.3		7/12/27-07/15/927	A SW	2- 5	3412	9708
	8.0		8/11/27-08/14/927	A MR	3-13	3831	9912
	7.7		6/28/05-07/02/905	A MR	1-16A	3749	9651
27(	22)						
	14.7		6/14/57-06/15/957	H	-	3837	9024
	13.4		8/27/47-08/28/947	A SW	3- 7A	3414	9420
	10.0		6/28/05-07/02/905	A MR	1-16B	3407	9303
	9.9		8/12/46-08/15/946	A MR	7- 2A	3840	9313
	9.5		7/07/42-07/09/942	A UMV	3-21	3845	9023
28(	9)						
	11.9(100- 6)		8/11/52-08/12/952	A UMV	3-30	3712	8933
	8.8		8/12/46-08/16/946	A MR	7- 2B	3840	8959
	8.6(1000- 12)		6/22/69-06/23/969	H	-	3644	8613
	8.2		6/20/35-06/21/935	A OR	5- 5	3712	8712
	7.0(100- 3)		6/18/39-06/18/939	H	-	3527	8648
29(	12)						
	15.8		7/04/39-07/05/939	H	-	3813	8322
	12.0		7/13/16-07/17/916	A SA	2- 9	3553	8201
	9.5		8/30/40-08/31/940	H	-	3500	8306
	9.1		8/13/28-08/17/928	A SA	2-13	3507	8238
	8.6(100- 9)		8/04/43-08/05/943	A OR	3-30	3856	8050
30(	13)						
	21.7		8/19/69-08/20/969	A NA	2-23	3749	7900
	11.7		7/26/97-07/29/897	A NA	1- 7	3846	7634
	7.8		8/10/40-08/17/940	A SA	5-19A	3703	7830
	7.8		8/10/28-08/13/928	A NA	1-18	3844	7651
	7.6		8/10/40-08/17/940	A SA	5-19C	3442	7718
31(	0)						
32(	1)						
	4.7		8/19/54-08/20/954	H	-	3323	11124
33(	2)						
	5.7(100- 9)		8/29/35-08/30/935	H	-	3217	10646
	3.9		7/21/05-07/25/905	A GM	5-13	3256	10517
34(	6)						
	18.2		6/23/48-06/24/948	H	-	2922	10037
	16.5		6/23/54-06/28/954	A SW	3-22	3022	10123
	14.2(100- 6)		6/19/39-06/20/939	H	-	3244	10055
	10.0		7/19/38-07/25/938	A GM	5-10	3046	10044
	7.9		8/04/06-08/06/906	A GM	3-14	3117	10048
35(	11)						
	16.5		6/28/40-06/30/940	A GM	5-11	2941	9701
	15.8		6/30/32-07/02/932	A GM	5- 1	3001	9907
	14.8		6/05/43-06/07/943	A SW	3- 3	3240	9536
	14.4		6/27/36-07/04/936	A GM	5- 6	2924	9739
	12.8		8/30/32-09/05/932	A GM	5-16A	3144	9610
36(	11)						
	17.5		6/13/86-06/17/886	A LMV	4-27	3119	9233
	14.5		8/06/40-08/09/940	A LMV	4-24	2945	9210
	11.4		8/12/38-08/15/938	A LMV	4-23	3020	9245
	11.4		7/22/33-07/27/933	A LMV	2-26	3138	9400
	10.6		7/27/43-07/29/943	A GM	5-21	3002	9435
37(	4)						
	15.6		7/05/16-07/10/916	A GM	1-19	3049	8619
	9.0		6/01/28-06/05/928	A LMV	2-18	3155	8745
	8.2		8/26/98-08/29/898	A SA	3- 5	3012	8543
	5.8		7/29/36-08/02/936	A SA	3-22	3026	8502
38(	6)						
	15.6		8/28/11-08/31/911	A SA	3-11	3030	8202
	11.1		8/26/93-08/28/893	A SA	2- 1	3341	8012
	10.5		7/13/16-07/17/916	A SA	2- 9A	3340	7949
	9.2		7/27/87-07/31/887	A SA	3- 1	3337	8304
	9.1		8/30/98-09/03/898	A SA	3- 6	3223	8042
39(	0)						
40(	3)						
	13.6		8/01/15-08/03/915	A SA	4-15	2747	8238
	9.6		8/07/28-08/12/928	A SA	4-24	2814	8117
	8.9		6/12/34-06/16/934	A SA	5- 1	2821	8217

FIVE GREATEST OBSERVED 100 SQUARE MILE- 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

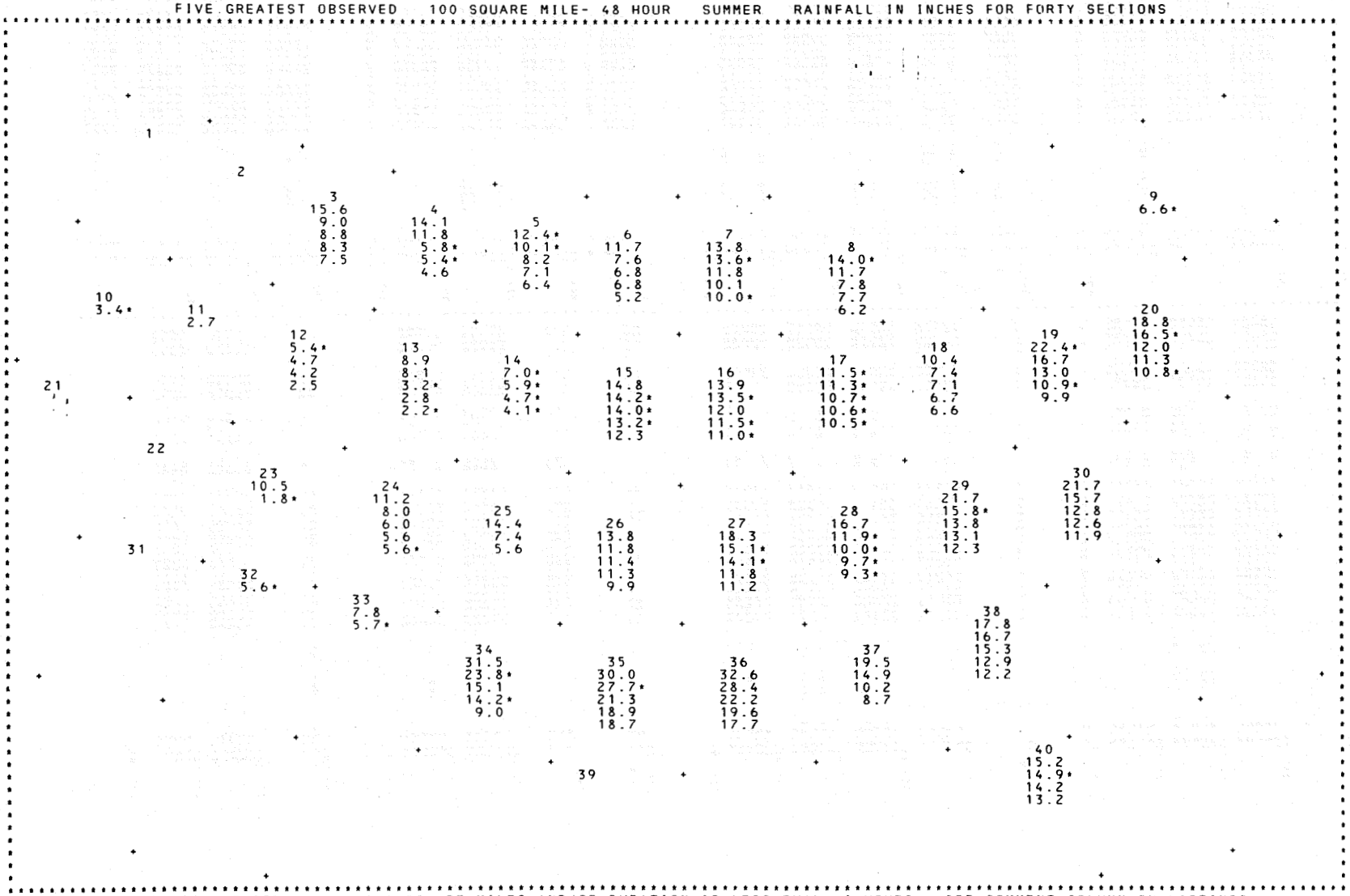


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	0)						
3(	9)						
	13.4		6/08/64-06/08/964	A NP	2-23	4726	11241
	7.5		6/01/53-06/04/953	H	-	4725	11050
	7.3		6/16/48-06/17/948	H	-	4812	11230
	6.2		6/03/08-06/06/908	A MR	5-15	4711	11108
	6.1		6/19/16-06/22/916	R	-	4728	11146
4(	9)						
	13.0		6/17/21-06/21/921	A MR	4-21	4718	10535
	9.2		6/06/06-06/08/906	A MR	5-13	4804	10939
	5.6		6/07/10-06/08/910	A MR	5-17	4639	10918
	4.6		6/11/37-06/13/937	A MR	5-29	4730	10534
	4.2		6/14/44-06/18/944	R	-	4722	10814
5(	10)						
	12.4(	100- 12)	6/09/72-06/09/972	H	-	4412	10331
	10.1(	100- 12)	6/24/66-06/24/966	R	-	4721	10119
	8.2		6/25/14-06/28/914	A MR	4-14A	4629	10017
	6.7		7/05/28-07/08/928	A UMV	1-18	4820	10140
	6.0(	100- 6)	6/12/07-06/13/907	A MR	4-10	4435	10320
6(	5)						
	11.3		7/18/09-07/23/909	A UMV	1-11A	4721	9548
	7.4		7/01/01-07/06/901	A UMV	1- 8	4822	9620
	6.3		7/18/97-07/22/897	A UMV	1- 2	4747	9555
	6.3		8/19/18-08/22/918	A MR	4-16	4730	9719
	5.1		6/25/14-06/28/914	A MR	4-14B	4535	9555
7(	15)						
	11.8		8/28/41-08/31/941	A UMV	1-22	4600	9128
	11.4		7/21/72-07/22/972	H	-	4610	9430
	11.3		7/18/09-07/23/909	A UMV	1-11	4627	9011
	9.6		7/25/97-07/27/897	A GL	4- 5	4600	9030
	8.5		6/03/05-06/08/905	A GL	2-12	4508	9020
8(	5)						
	14.0(	100- 18)	7/04/69-07/05/969	H	-	4400	8200
	11.7		7/19/12-07/24/912	A GL	2-29	4511	8941
	7.7		8/31/37-09/03/937	A GL	3- 5	4517	8437
	7.1		6/08/22-06/11/922	A GL	2-21	4420	8812
	4.2		7/01/00-07/06/900	A UMV	1- 5	4457	8957
9(	1)						
	6.5		8/24/92-08/27/892	H	-	4427	7546
10(	1)						
	3.2		6/04/47-06/05/947	R	-	4030	12215
11(	1)						
B	2.1		6/10/43-06/13/943	R	-	4140	11525
12(	4)						
B	4.2		6/07/44-06/12/944	R	-	4345	11335
	4.1		8/28/09-09/02/909	H	-	3930	11050
B	3.5(	200- 24)	7/23/13-07/26/913	R	-	4235	11230
	1.7		6/08/47-06/12/947	H	-	4109	11155
13(	5)						
	7.7		8/31/38-09/04/938	R	-	4025	10512
	5.2		8/30/38-09/04/938	A MR	5- 8	4023	10504
	3.1		7/27/22-08/03/922	R	-	3945	10533
	2.6		7/19/29-07/24/929	R	-	3913	10517
	2.1		6/01/43-06/03/943	R	-	3933	10720
14(	4)						
	5.9(	100- 10)	6/17/47-06/18/947	A MR	7-16	4149	10341
B	5.1		6/12/49-06/14/949	R	-	4004	10427
	4.7(	100- 6)	7/27/51-07/28/951	A MR	10- 7	4236	10306
	4.1(	200- 24)	6/12/49-06/14/949	R	-	4000	10438
15(	24)						
	14.2		6/23/63-06/24/963	H	-	4114	9705
	14.0(	100- 17)	8/12/66-08/13/966	R	-	4133	9832
	13.6		6/10/44-06/13/944	A MR	6-15	4152	9703
	13.2(	100- 18)	7/22/11-07/23/911	R	-	4022	9654
	12.2		6/23/91-06/27/891	A MR	4- 2	4252	9530
16(	34)						
	13.5		7/16/68-07/17/968	H	-	4230	9219
	12.8		8/24/03-08/28/903	A MR	1-10	4057	9335
	11.5(	100- 12)	6/09/05-06/10/905	A UMV	2- 5	4042	9148
	11.3		7/09/22-07/12/922	A MR	2-29	4029	9425
	11.0(	100- 12)	7/01/58-07/02/958	H	-	4143	9456
17(	11)						
	11.5		6/27/57-06/28/957	H	-	3938	8742
	11.3(	100- 6)	8/31/14-09/01/914	A GL	2-16	4225	8535
	10.7		7/12/57-07/13/957	H	-	4108	8753
	10.6(	100- 12)	7/08/51-07/09/951	H	-	4045	8849
	10.5		6/29/38-07/01/938	A GL	3-11	4235	8802
18(	11)						
	10.4		8/06/35-08/07/935	A OR	9-11	4016	8152
	7.1		7/12/13-07/15/913	A OR	3- 7	4003	8213
	6.2		7/25/75-08/03/875	A OR	4- 1	4039	8339
	6.2		8/25/03-08/30/903	A GL	1- 9	4119	8152
	6.1		8/08/13-08/10/913	A GL	3- 2	4336	8354
19(	27)						
	22.4		7/17/42-07/18/942	A OR	9-23	4150	7825
	13.7		6/19/72-06/23/972	H	-	4204	7810
	10.9(	100- 3)	8/05/43-08/05/843	H	-	3953	7532
	10.5		7/06/35-07/10/935	A NA	1-27	4230	7653
	9.4		8/20/33-08/24/933	A NA	1-24B	3955	7645
20(	18)						
	16.5(	100- 18)	8/19/39-08/19/939	A NA	2- 3	3962	7416
	14.6		8/17/55-08/20/955	A NA	2-22A	4207	7245
	9.8		8/20/33-08/24/933	A NA	1-24	4156	7423
	9.3		8/13/19-08/14/919	A NA	1-12	3936	7421
	8.5(	100- 18)	8/26/71-08/28/971	H	-	4004	7440
21(	0)						
22(	0)						
23(	2)						
	6.2		8/26/51-08/30/951	H	-	3407	11221
B	1.2(	1108- 24)	8/17/45-08/19/945	R	-	3737	11430
24(	14)						
	11.1		6/02/21-06/06/921	A SW	1-23	3827	10504
	7.6		8/29/42-09/01/942	A SW	2-29	3456	10506
	5.6		8/01/68-08/01/968	H	-	3749	10923
	5.0		7/19/15-07/28/915	A SW	1-18	3446	10620
	4.9		6/06/13-06/12/913	A SW	1-14	3556	10505
25(	3)						
	12.4		6/13/65-06/20/965	H	-	3743	10223
	5.4		6/02/32-06/06/932	A SW	2- 7A	3828	10146
	4.1		8/06/29-08/11/929	A SW	2-27	3549	10456
26(	13)						
	11.3		6/02/32-06/06/932	A SW	2- 7	3530	9654
	10.8		8/15/32-08/17/932	A SW	2- 8	3624	9754
	9.9		7/12/27-07/15/927	A SW	2- 5	3412	9708
	8.2		6/04/16-06/06/916	A MR	2-12	3653	9703
	8.0		8/11/27-08/14/927	A MR	3-13	3831	9912
27(	22)						
	15.1		6/14/57-06/15/957	H	-	3837	9024
	14.1		8/27/47-08/28/947	A SW	3- 7A	3414	9420
	13.4		8/12/46-08/15/946	A MR	7- 2A	3840	9313
	11.6		8/25/19-08/29/919	A MR	2-22	3846	9344
	11.2		6/28/05-07/02/905	A MR	1-16B	3407	9303
28(	10)						
	11.9(	100- 6)	8/11/52-08/12/952	A UMV	3-30	3712	8933
	11.1		8/12/46-08/16/946	A MR	7- 2B	3840	8959
	9.8		6/20/35-06/21/935	A OR	5- 5	3712	8712
	9.3(	100- 16)	8/02/39-08/03/939	H	-	3613	8616
	9.3(	1000- 24)	6/22/69-06/23/969	H	-	3644	8613
29(	14)						
	19.3		7/13/16-07/17/916	A SA	2- 9	3553	8201
	15.8(	100- 12)	7/04/39-07/05/939	H	-	3813	8322
	11.8		8/30/40-08/31/940	H	-	3500	8306
	11.0		8/13/28-08/17/928	A SA	2-13	3507	8238
	10.8		8/23/08-08/28/908	A SA	2- 6	3626	8028
30(	13)						
	21.7		8/19/69-08/20/969	A NA	2-23	3749	7900
	11.9		7/26/97-07/29/897	A NA	1- 7	3846	7634
	10.6		8/10/28-08/13/928	A NA	1-18	3844	7651
	10.5		8/10/40-08/17/940	A SA	5-19A	3703	7830
	9.6		8/10/55-08/15/955	A NA	2-21B	3507	7722
31(	0)						
32(	1)						
	4.7		8/19/54-08/20/954	H	-	3323	11124
33(	2)						
	5.7(	100- 9)	8/29/35-08/30/935	H	-	3217	10646
	5.1		7/21/05-07/25/905	A GM	3-13	3256	10517
34(	6)						
	23.8		6/23/48-06/24/948	H	-	2922	10037
	23.6		6/23/54-06/28/954	A SW	3-22	3022	10123
	14.2(	100- 6)	6/19/39-06/20/939	H	-	3244	10055
	12.5		7/19/38-07/25/938	A GM	5-10	3046	10044
	8.6		8/04/06-08/06/906	A GM	3-14	3117	10048
35(	11)						
	25.8		6/30/32-07/02/932	A GM	5- 1	3001	9907
	23.3		6/27/99-07/01/899	A GM	3- 4	3052	9632
	18.0		8/30/32-09/05/932	A GM	5-16A	3144	9610
	17.9		6/28/40-06/30/940	A GM	5-11	2941	9701
	16.7		8/26/45-08/29/945	A GM	5-23	3002	9551
36(	11)						
	22.2		6/13/86-06/17/886	A LMV	4-27	3119	9233
	20.7		8/06/40-08/09/940	A LMV	4-24	2945	9210
	17.4		7/22/33-07/27/933	A LMV	2-26	3158	9400
	15.7		7/27/43-07/29/943	A GM	5-21	3002	9435
	14.2		8/12/38-08/15/938	A LMV	4-23	3020	9245
37(	4)						
	17.3		7/05/16-07/10/916	A GM	1-19	3049	8619
	12.2		6/01/28-06/05/928	A LMV	2-18	3155	8745
	8.3		8/26/98-08/29/898	A SA	3- 5	3012	8543
	7.5		7/29/36-08/02/936	A SA	3-22	3026	8502
38(	6)						
	17.2		8/28/11-08/31/911	A SA	3-11	3030	8202
	15.0		7/13/16-07/17/916	A SA	2- 9A	3340	7949
	12.8		8/26/93-08/28/893	A SA	2- 1	3341	8012
	10.7		8/10/40-08/17/940	A SA	5-19D	3223	8043
	10.6		8/30/98-09/03/898	A SA	3- 6	3223	8042
39(	0)						
40(	4)						
	14.3		8/01/15-08/03/915	A SA	4-15	2747	8238
	12.7		6/12/34-06/16/934	A SA	5- 1	2821	8217
	11.6(	200- 24)	6/29/09-07/03/909	H	-	2808	8247
	11.3		8/07/28-08/12/928	A SA	4-24	2814	8117

FIVE GREATEST OBSERVED 100 SQUARE MILE- 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

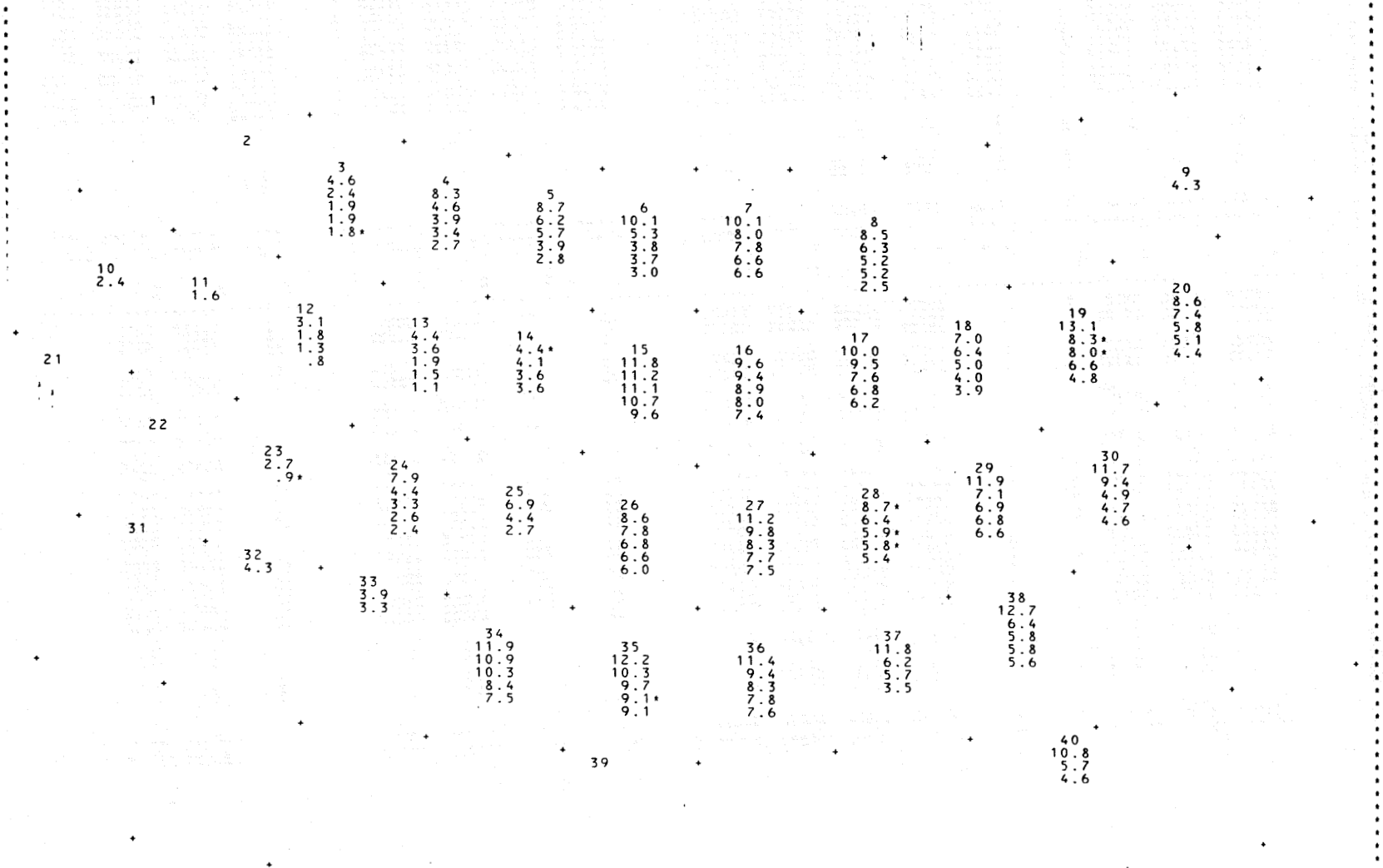


* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 48 HOUR SUMMER' RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(0)							
2(0)							
3(9)							
	15.6		6/06/64-06/08/964	A	MP 2-23	4726	11241
	9.0		6/01/53-06/04/953	H	-	4725	11050
	8.8		6/16/48-06/17/948	H	-	4812	11230
	8.3		6/19/16-06/22/916	R	-	4728	11146
	7.5		6/03/08-06/06/908	A	MR 5-15	4711	11108
4(9)							
	14.1		6/17/21-06/21/921	A	MR 4-21	4718	10535
	11.8		6/06/06-06/08/906	A	MR 5-13	4804	10939
	5.8(	100- 30)	6/07/10-06/08/910	A	MR 5-17	4639	10918
	5.4(	100- 42)	7/14/18-07/15/918	A	MR 5-23	4650	10905
	4.6		6/14/44-06/18/944	R	-	4722	10814
5(10)							
	12.4(	100- 12)	6/09/72-06/09/972	H	-	4412	10331
	10.1(	100- 12)	6/24/66-06/24/966	R	-	4721	10119
	8.2		6/25/14-06/28/914	A	MR 4-14A	4629	10017
	7.1		7/05/28-07/08/928	A	UMV 1-18	4820	10140
	6.4		6/26/44-06/27/944	R	-	4900	10233
6(5)							
	11.7		7/18/09-07/23/909	A	UMV 1-11A	4721	9548
	7.6		7/01/01-07/06/901	A	UMV 1- 8	4822	9620
	6.8		7/18/97-07/22/897	A	UMV 1- 2	4747	9555
	6.8		8/19/18-08/22/918	A	MR 4-16	4730	9719
	5.2		6/25/14-06/28/914	A	MR 4-14B	4535	9555
7(15)							
	13.8		8/28/41-08/31/941	A	UMV 1-22	4600	9128
	13.6(	100- 45)	7/21/72-07/22/972	H	-	4610	9630
	11.8		7/18/09-07/23/909	A	UMV 1-11	4627	9011
	10.1		6/03/05-06/08/905	A	GL 2-12	4508	9020
	10.0(	100- 36)	7/25/97-07/27/897	A	GL 4- 5	4600	9030
8(5)							
	14.0(	100- 18)	7/04/69-07/05/969	H	-	4400	8200
	11.7		7/19/12-07/24/912	A	GL 2-29	4511	8941
	7.8		8/31/37-09/03/937	A	GL 3- 5	4517	8437
	7.7		6/08/22-06/11/922	A	GL 2-21	4420	8812
	6.2		7/01/00-07/06/900	A	UMV 1- 5	4457	8937
9(1)							
	6.6(	100- 36)	8/24/92-08/27/892	H	-	4427	7546
10(1)							
	3.4(	100- 36)	6/04/47-06/05/947	R	-	4030	12215
11(1)							
B	2.7		6/10/43-06/13/943	R	-	4140	11525
12(4)							
B	5.4(	200- 48)	7/23/13-07/26/913	R	-	4235	11230
	4.7		8/28/09-09/02/909	H	-	3930	11050
B	4.2		6/07/44-06/12/944	R	-	4345	11335
	2.5		6/08/47-06/12/947	H	-	4109	11155
13(5)							
	8.9		8/30/38-09/04/938	A	MR 5- 8	4023	10504
	8.1		8/31/38-09/04/938	R	-	4025	10512
	3.2(	100- 36)	7/27/22-08/03/922	R	-	3945	10533
	2.8		7/19/29-07/24/929	R	-	3913	10517
	2.2(	100- 42)	6/01/43-06/03/943	R	-	3933	10720
14(4)							
B	7.0(	100- 36)	6/12/49-06/14/949	R	-	4004	10427
	5.9(	100- 10)	6/17/47-06/18/947	A	MR 7-16	4149	10341
	4.7(	100- 6)	7/27/51-07/28/951	A	MR 10- 7	4236	10306
	4.1(	200- 24)	6/12/49-06/14/949	R	-	4000	10438
15(24)							
	14.8	-	6/10/44-06/13/944	A	MR 6-15	4152	9703
	14.2(	100- 24)	6/23/63-06/24/963	H	-	4114	9705
	14.0(	100- 17)	8/12/66-08/13/966	R	-	4133	9832
	13.2(	100- 18)	7/22/11-07/23/911	R	-	4022	9654
	12.3		7/14/00-07/17/900	A	MR 1- 5	4305	9538
16(34)							
	13.9		8/24/03-08/28/903	A	MR 1-10	4057	9335
	13.5(	100- 24)	7/16/68-07/17/968	H	-	4230	9219
	12.0		7/09/22-07/12/922	A	MR 2-29	4029	9425
	11.5(	100- 12)	6/09/05-06/10/905	A	UMV 2- 5	4042	9148
	11.0(	100- 12)	7/01/58-07/02/958	H	-	4143	9456
17(11)							
	11.5(	100- 24)	6/27/57-06/28/957	H	-	3938	8742
	11.3(	100- 6)	8/31/14-09/01/914	A	GL 2-16	4225	8535
	10.7(	100- 24)	7/12/57-07/13/957	H	-	4108	8753
	10.6(	100- 12)	7/08/51-07/09/951	H	-	4045	8849
	10.5(	100- 42)	6/29/38-07/01/938	A	GL 3-11	4235	8802
18(11)							
	10.4		8/06/35-08/07/935	A	OR 9-11	4016	8152
	7.4		7/12/13-07/15/913	A	OR 3- 7	4003	8213
	7.1		7/25/75-08/03/875	A	OR 4- 1	4039	8339
	6.7		8/08/13-08/10/913	A	GL 3- 2	4336	8354
	6.6		8/25/03-08/30/903	A	GL 1- 9	4119	8152
19(27)							
	22.4(	100- 24)	7/17/42-07/18/942	A	OR 9-23	4150	7825
	16.7		6/19/72-06/23/972	H	-	4204	7810
	13.0		7/06/35-07/10/935	A	NA 1-27	4230	7653
	10.9(	100- 3)	8/05/43-08/05/843	H	-	3953	7532
	9.9		8/20/33-08/24/933	A	NA 1-24B	3955	7645
20(18)							
	18.8		8/17/55-08/20/955	A	NA 2-22A	4207	7245
	16.5(	100- 18)	8/19/39-08/19/939	A	NA 2- 3	3942	7416
	12.0		8/11/55-08/15/955	A	NA 2-21A	4201	7425
	11.3		8/20/33-08/24/933	A	NA 1-24	4156	7423
	10.8(	100- 30)	8/26/71-08/28/971	H	-	4004	7440
21(0)							
22(0)							
23(2)							
	10.5		8/26/51-08/30/951	H	-	3407	11221
B	1.8(	1108- 42)	8/17/45-08/19/945	R	-	3737	11430
24(14)							
	11.2		6/02/21-06/06/921	A	SW 1-23	3827	10504
	8.0		8/29/42-09/01/942	A	SW 2-29	3456	10506
	6.0		7/19/15-07/28/915	A	SW 1-18	3446	10620
	5.6		6/06/13-06/12/913	A	SW 1-14	3556	10505
	5.6(	100- 24)	8/01/68-08/01/968	H	-	3749	10923
25(3)							
	14.4		6/13/65-06/20/965	H	-	3743	10223
	7.4		6/02/32-06/06/932	A	SW 2- 7A	3828	10146
	5.6		8/06/29-08/11/929	A	SW 2-27	3549	10456
26(13)							
	13.8		7/09/51-07/13/951	A	MR 10- 2	3840	9630
	11.8		6/01/04-06/05/904	A	SW 1- 5	3451	9533
	11.4		8/15/32-08/17/932	A	SW 2- 8	3624	9754
	11.3		6/02/32-06/06/932	A	SW 2- 7	3530	9654
	9.9		7/12/27-07/15/927	A	SW 2- 5	3412	9708
27(22)							
	18.3		8/12/46-08/15/946	A	MR 7- 2A	3840	9313
	15.1(	100- 24)	6/14/57-06/15/957	H	-	3837	9024
	14.1(	100- 24)	8/27/47-08/28/947	A	SW 3- 7A	3414	9420
	11.8		8/25/19-08/29/919	A	MR 2-22	3846	9344
	11.2		6/28/05-07/02/905	A	MR 1-16B	3407	9303
28(11)							
	16.7		8/12/46-08/16/946	A	MR 7- 2B	3840	8959
	11.9(	100- 6)	8/11/52-08/12/952	A	UMV 3-30	3712	8933
	10.0(	100- 42)	6/20/35-06/21/935	A	OR 5- 5	3712	8712
	9.7(	1000- 30)	6/22/69-06/23/969	H	-	3644	8613
	9.3(	100- 16)	8/02/39-08/03/939	H	-	3613	8616
29(14)							
	21.7		7/13/16-07/17/916	A	SA 2- 9	3553	8201
	15.8(	100- 12)	7/04/39-07/05/939	H	-	3813	8322
	13.8		8/23/08-08/28/908	A	SA 2- 6	3626	8028
	13.1		8/10/40-08/17/940	A	SA 5-19B	3545	8205
	12.3		8/13/28-08/17/928	A	SA 2-13	3507	8238
30(13)							
	21.7		8/19/69-08/20/969	A	NA 2-23	3749	7900
	15.7		8/10/40-08/17/940	A	SA 5-19A	3703	7830
	12.8		7/26/97-07/29/897	A	NA 1- 7	3846	7634
	12.6		8/10/28-08/13/928	A	NA 1-18	3844	7651
	11.9		8/10/55-08/15/955	A	NA 2-21B	3507	7703
31(0)							
32(1)							
	5.6(	100- 36)	8/19/54-08/20/954	H	-	3323	11124
33(2)							
	7.8		7/21/05-07/25/905	A	GM 3-13	3256	10517
	5.7(	100- 9)	8/29/35-08/30/935	H	-	3217	10646
34(6)							
	31.5		6/23/54-06/28/954	A	SW 3-22	3022	10123
	23.8(	100- 24)	6/23/48-06/24/948	H	-	2922	10037
	15.1		7/19/38-07/25/938	A	GM 5-10	3046	10044
	14.2(	100- 6)	6/19/39-06/20/939	H	-	3244	10055
	9.0		8/04/06-08/06/906	A	GM 3-14	3117	10048
35(11)							
	30.0		6/27/99-07/01/899	A	GM 3- 4	3052	9632
	27.7(	100- 42)	6/30/32-07/02/932	A	GM 5- 1	3001	9907
	21.3		6/28/40-06/30/940	A	GM 5-11	2941	9701
	18.9		6/27/36-07/04/936	A	GM 5- 6	2924	9739
	18.7		8/30/32-09/05/932	A	GM 5-16A	3144	9610
36(11)							
	32.6		8/06/40-08/09/940	A	LMV 4-24	2945	9210
	28.4		6/13/86-06/17/886	A	LMV 4-27	3119	9233
	22.2		7/27/43-07/29/943	A	GM 5-21	3002	9435
	19.6		7/22/33-07/27/933	A	LMV 2-26	3158	9400
	17.7		8/16/15-08/21/915	A	LMV 1-10	3131	9407
37(4)							
	19.5		7/05/16-07/10/916	A	GM 1-19	3049	8619
	14.9		6/01/28-06/05/928	A	LMV 2-18	3155	8745
	10.2		8/26/98-08/29/898	A	SA 3- 5	3012	8543
	8.7		7/29/36-08/02/936	A	SA 3-22	3026	8502
38(6)							
	17.8		8/28/11-08/31/911	A	SA 3-11	3030	8202
	16.7		7/13/16-07/17/916	A	SA 2- 9A	3340	7949
	15.3		7/27/87-07/31/887	A	SA 3- 1	3337	8304
	12.9		8/26/93-08/28/893	A	SA 2- 1	3341	8012
	12.2		8/30/98-09/03/898	A	SA 3- 6	3223	8042
39(0)							
40(4)							
	15.2		8/01/15-08/03/915	A	SA 4-15	2747	8238
	14.9(	200- 48)	6/29/09-07/03/909	H	-	2808	8247
	14.2		6/12/34-06/16/934	A	SA 5- 1	2821	8217
	13.2		8/07/28-08/12/928	A	SA 4-24	2814	8117

FIVE GREATEST OBSERVED 200 SQUARE MILE- 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

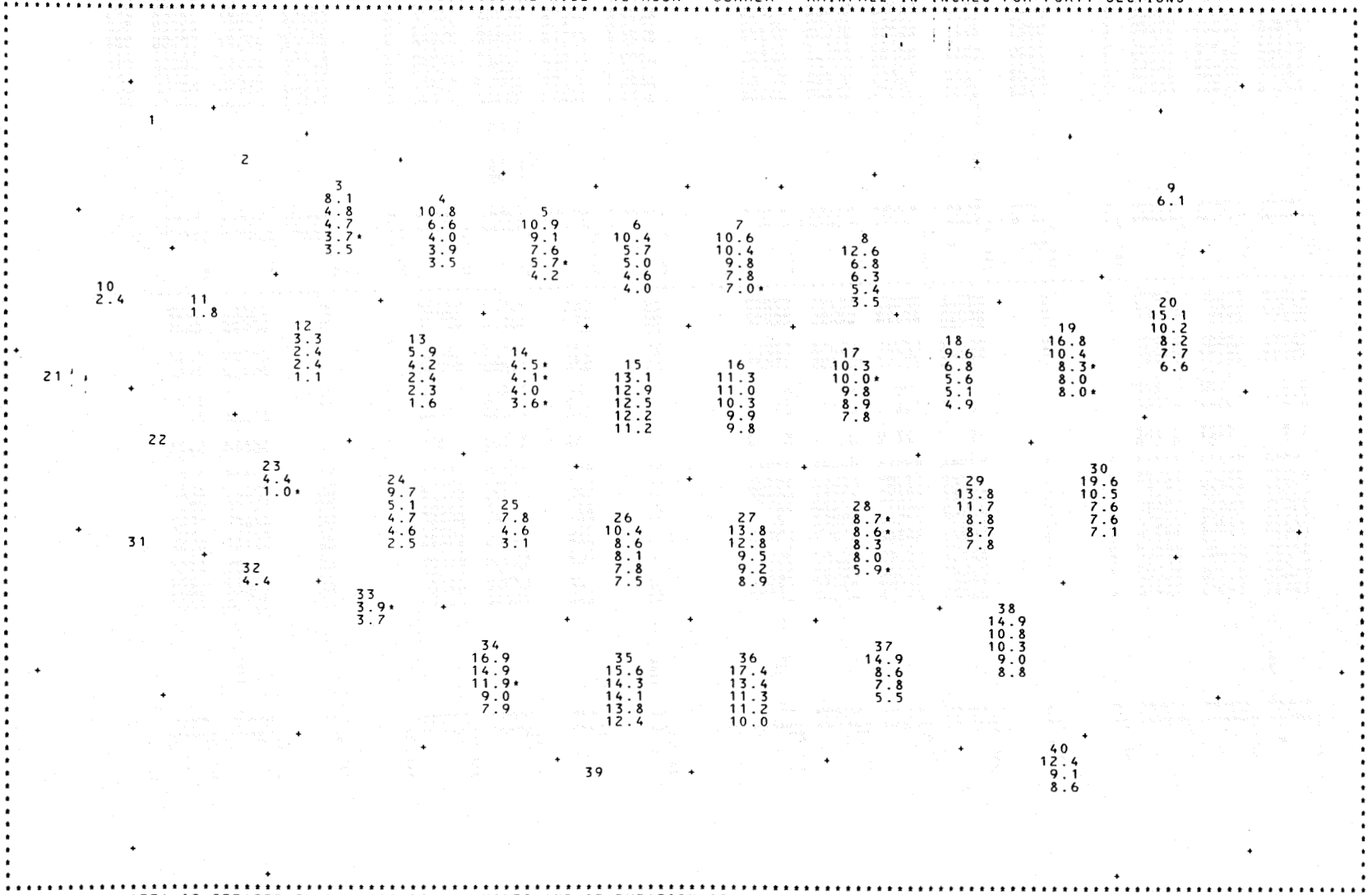


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)					
2(	0)					
3(	8)					
	4.6		6/06/64-06/08/964 A	NP 2-23	4726	11241
	2.4		6/19/16-06/22/916 R	-	4728	11146
	1.9		6/21/07-06/23/907 A	MR 5-14	4749	11210
B	1.9		6/26/44-06/27/944 R	-	4415	11215
	1.8(	1000- 6)	6/16/48-06/17/948 H	-	4812	11230
4(	9)					
	8.3		6/17/21-06/21/921 A	MR 4-21	4718	10535
	4.6		6/06/06-06/08/906 A	MR 5-13	4804	10939
	3.9		6/14/44-06/18/944 R	-	4722	10814
	3.4		7/22/23-07/26/923 A	MR 4-22	4446	10658
	2.7		6/12/14-06/14/914 A	MR 5-20	4821	10753
5(	9)					
	8.7		6/24/66-06/24/966 R	-	4721	10119
	6.2		6/25/14-06/28/914 A	MR 4-14A	4629	10017
	5.7		6/12/07-06/13/907 A	MR 4-10	4435	10320
	3.9		7/05/28-07/08/928 A	UMV 1-18	4820	10140
	2.8		6/06/29-06/07/929 A	MR 4-28	4657	10400
6(	5)					
	10.1		7/18/09-07/23/909 A	UMV 1-11A	4721	9548
	5.3		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
	3.8		8/19/18-08/22/918 A	MR 4-16	4730	9719
	3.7		6/25/14-06/28/914 A	MR 4-14B	4535	9555
	3.0		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
7(	14)					
	10.1		7/18/09-07/23/909 A	UMV 1-11	4627	9011
	8.0		7/21/72-07/22/972 H	-	4610	9430
	7.8		8/28/41-08/31/941 A	UMV 1-22	4600	9128
	6.6		6/03/05-06/08/905 A	GL 2-12	4508	9020
	6.6		7/13/16-07/17/916 A	UMV 1-16	4419	9428
8(	5)					
	8.5		7/04/69-07/05/969 H	-	4400	8200
	6.3		8/31/37-09/03/937 A	GL 3- 5	4517	8437
	5.2		7/19/12-07/24/912 A	GL 2-29	4511	8941
	3.2		6/08/22-06/11/922 A	GL 2-21	4420	8812
	2.5		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
9(	1)					
	4.3		8/24/92-08/27/892 H	-	4427	7546
10(	1)					
	2.4		6/04/47-06/05/947 R	-	4030	12215
11(	1)					
B	1.6		6/10/43-06/13/943 R	-	4140	11525
12(	4)					
B	3.1		7/23/13-07/26/913 R	-	4235	11230
B	1.8		6/07/44-06/12/944 R	-	4345	11335
	1.3		8/28/09-09/02/909 H	-	3930	11050
	0.8		6/08/47-06/12/947 H	-	4109	11155
13(	5)					
	4.4		8/31/38-09/04/938 R	-	4025	10512
	3.6		8/30/38-09/04/938 A	MR 5- 8	4023	10504
	1.9		7/27/22-08/03/922 R	-	3945	10533
	1.5		7/19/29-07/24/929 R	-	3913	10517
	1.1		6/01/43-06/03/943 R	-	3933	10720
14(	4)					
	4.4(	200- 4)	6/17/47-06/18/947 A	MR 7-16	4149	10341
	4.1		7/27/51-07/28/951 A	MR 10- 7	4236	10306
	3.6		6/12/49-06/14/949 R	-	4000	10438
B	3.6		6/12/49-06/14/949 R	-	4004	10427
15(	24)					
	11.8		7/22/11-07/23/911 R	-	4022	9654
	11.2	-	6/04/96-06/07/896 A	MR 4- 3	4133	9832
	11.1		6/10/44-06/13/944 A	MR 6-15	4152	9703
	10.7	-	6/23/63-06/24/963 H	-	4114	9705
	9.6		6/03/40-06/04/940 A	MR 4- 5	4201	9653
16(	34)					
	9.6		7/09/22-07/12/922 A	MR 2-29	4029	9423
	9.4		7/01/58-07/02/958 H	-	4143	9456
	8.9		6/09/05-06/10/905 A	UMV 2- 5	4042	9148
	8.0		7/16/68-07/17/968 H	-	4230	9219
	7.4		8/01/29-08/02/929 A	UMV 2-17	4200	9234
17(	11)					
	10.0		8/31/14-09/01/914 A	GL 2-16	4225	8535
	9.5		7/08/51-07/09/951 H	-	4045	8849
	7.6		6/27/57-06/28/957 H	-	3938	8742
	6.8		7/18/52-07/19/952 H	-	4215	8905
	6.2		7/12/57-07/13/957 H	-	4108	8753
18(	11)					
	7.0		8/06/35-08/07/935 A	OR 9-11	4016	8152
	6.4		7/12/13-07/15/913 A	OR 3- 7	4003	8213
	5.0		8/08/13-08/10/913 A	GL 3- 2	4336	8354
	4.0		7/03/31-07/03/931 A	OR 2- 6	3900	8420
	3.9		7/18/19-07/21/919 A	GL 4-15	4034	8234
19(	26)					
	13.1		7/17/42-07/18/942 A	OR 9-23	4150	7825
	8.3(	200- 4)	7/09/45-07/09/945 H	-	4042	7512
	8.0(	200- 3)	8/05/43-08/05/843 H	-	3953	7532
	6.6		6/19/72-06/23/972 H	-	4204	7810
	4.8		7/22/27-07/23/927 A	NA 1-16A	4034	7643
20(	17)					
	8.6		8/19/39-08/19/939 A	NA 2- 3	3942	7416
	7.4		8/17/55-08/20/955 A	NA 2-22A	4207	7245
	5.8		8/13/19-08/14/919 A	NA 1-12	3936	7421
	5.1		8/20/33-08/24/933 A	NA 1-24	4156	7423
	4.4		8/26/71-08/28/971 H	-	4004	7440
21(	0)					
22(	0)					
23(	2)					
	2.7		8/26/51-08/30/951 H	-	3407	11221
B	0.9(	1108- 6)	8/17/45-08/19/945 R	-	3737	11430
24(	13)					
	7.9		6/02/21-06/06/921 A	SW 1-23	3827	10504
	4.4		7/19/15-07/28/915 A	SW 1-18	3446	10620
	3.3		6/06/13-06/12/913 A	SW 1-14	3556	10505
	2.6		8/29/42-09/01/942 A	SW 2-29	3456	10506
	2.4		8/17/21-08/25/921 R	-	3728	10510
25(	3)					
	6.9		6/13/65-06/20/965 H	-	3743	10223
	4.4		6/02/32-06/06/932 A	SW 2- 7A	3828	10146
	2.7		8/06/29-08/11/929 A	SW 2-27	3549	10456
26(	12)					
	8.6		6/02/32-06/06/932 A	SW 2- 7	3530	9654
	7.8		8/11/27-08/14/927 A	MR 3-13	3831	9912
	6.8		8/15/32-08/17/932 A	SW 2- 8	3624	9754
	6.6		7/12/27-07/15/927 A	SW 2- 5	3412	9708
	6.0		6/01/04-06/05/904 A	SW 1- 5	3451	9533
27(	21)					
	11.2		8/27/47-08/28/947 A	SW 3- 7A	3414	9420
	9.8		6/14/57-06/15/957 H	-	3837	9024
	8.3		8/12/46-08/15/946 A	MR 7- 2A	3840	9313
	7.7		6/03/43-06/04/943 A	MR 6- 3	3831	9409
	7.5		7/07/42-07/09/942 A	UMV 3-2:	3845	9023
28(	9)					
	8.7(	500- 6)	8/11/52-08/12/952 A	UMV 3-30	3712	8933
	6.4		6/20/35-06/21/935 A	OR 5- 5	3712	8712
	5.9(	200- 3)	6/18/39-06/18/939 H	-	3527	8648
	5.8(	1000- 6)	6/22/69-06/23/969 H	-	3644	8613
	5.4		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
29(	12)					
	11.9		7/04/39-07/05/939 H	-	3813	8322
	7.1		8/30/40-08/31/940 H	-	3500	8306
	6.9		7/13/16-07/17/916 A	GM 2- 9	3553	8201
	6.8		8/04/43-08/05/943 A	OR 3-30	3856	8050
	6.6		7/31/32-08/03/932 A	OR 2- 8	3802	8436
30(	13)					
	11.7		8/19/69-08/20/969 A	NA 2-23	3749	7900
	9.4		7/26/97-07/29/897 A	NA 1- 7	3846	7634
	4.9		8/10/28-08/13/928 A	NA 1-18	3844	7651
	4.7		8/10/40-08/17/940 A	SA 5-19C	3442	7718
	4.6		7/27/23-08/01/923 A	SA 1-15	3815	7806
31(	0)					
32(	1)					
	4.3		8/19/54-08/20/954 H	-	3323	11124
33(	2)					
	3.9		8/29/35-08/30/935 H	-	3217	10646
	3.3		7/21/05-07/25/905 A	GM 3-13	3256	10517
34(	6)					
	11.9		6/19/39-06/20/939 H	-	3244	10055
	10.9		6/23/54-06/28/954 A	SW 3-22	3022	10123
	10.3		6/23/48-06/24/948 H	-	2922	10037
	8.4		7/19/38-07/25/938 A	GM 5-10	3046	10044
	7.5		8/04/06-08/06/906 A	GM 3-14	3117	10048
35(	11)					
	12.2		6/27/36-07/04/936 A	GM 5- 6	2924	9739
	10.3		6/30/32-07/02/932 A	GM 5- 1	3001	9907
	9.7		6/05/43-06/07/943 A	SW 3- 3	3240	9536
	9.1(	200- 3)	6/28/40-06/30/940 A	GM 5-11	2941	9701
	9.1		8/24/47-08/27/947 A	SW 3- 7B	3251	9651
36(	11)					
	11.4		6/13/86-06/17/886 A	LMV 4-27	3119	9233
	9.4		8/12/38-08/15/938 A	LMV 4-23	3020	9245
	8.3		6/30/40-07/02/940 A	LMV 4-25	3335	9403
	7.8		8/06/40-08/09/940 A	LMV 4-24	2945	9210
	7.6		7/27/43-07/29/943 A	GM 5-21	3002	9435
37(	4)					
	11.8		7/05/16-07/10/916 A	GM 1-19	3049	8619
	6.2		8/26/98-08/29/898 A	SA 3- 5	3012	8543
	5.7		6/01/28-06/05/928 A	LMV 2-18	3155	8745
	3.5		7/29/36-08/02/936 A	SA 3-22	3026	8502
38(	6)					
	12.7		8/28/11-08/31/911 A	SA 3-11	3030	8202
	6.4		8/26/93-08/28/893 A	SA 2- 1	3341	8012
	5.8		7/27/87-07/31/887 A	SA 3- 1	3337	8304
	5.8		8/10/40-08/17/940 A	SA 5-19D	3223	8043
	5.6		8/30/98-09/03/898 A	SA 3- 6	3223	8042
39(	0)					
40(	3)					
	10.8		8/01/15-08/03/915 A	SA 4-15	2747	8238
	5.7		8/07/28-08/12/928 A	SA 4-24	2814	8117
	4.6		6/12/34-06/16/934 A	SA 5- 1	2821	8217

FIVE GREATEST OBSERVED 200 SQUARE MILE- 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

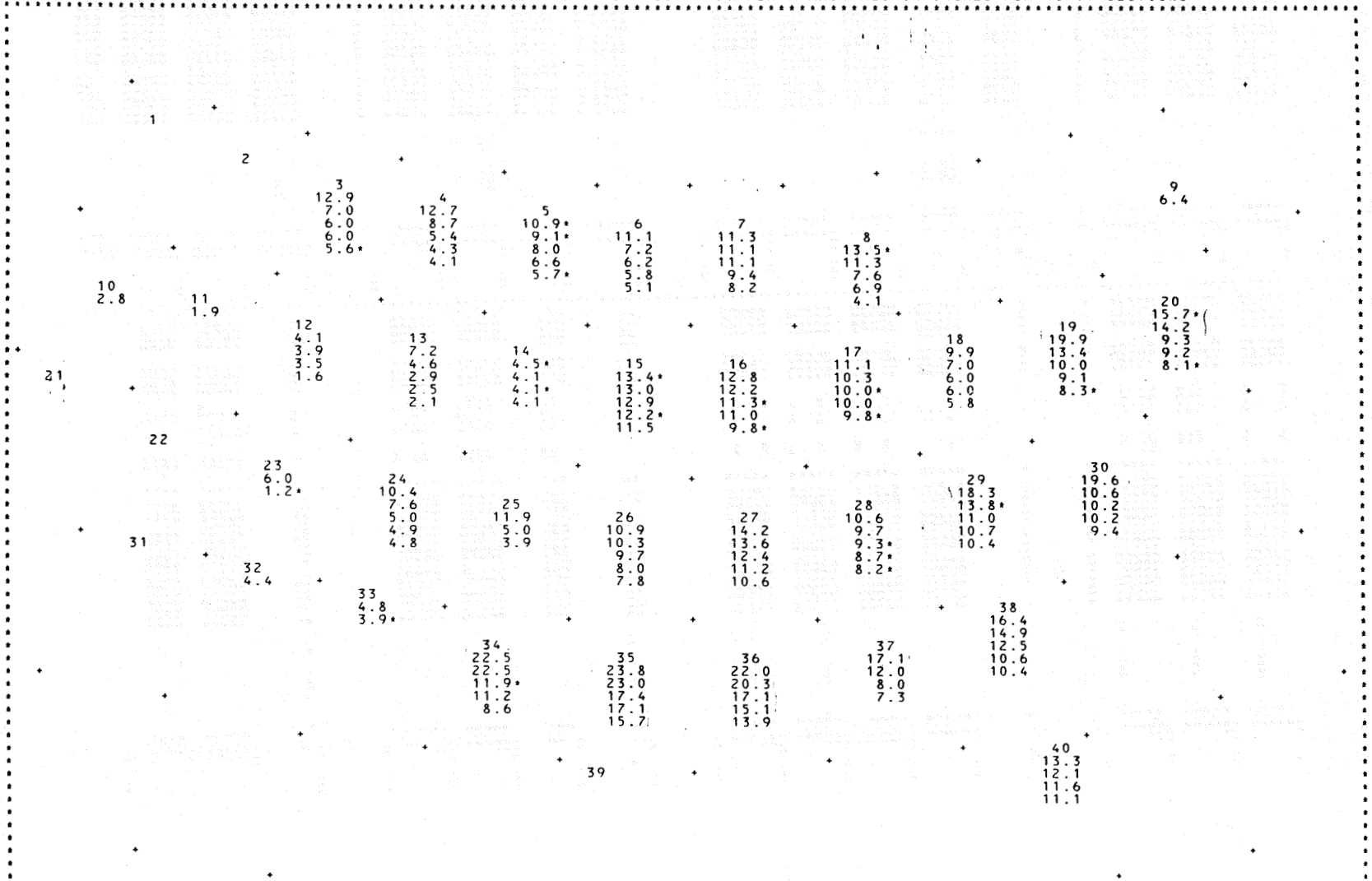


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	0)						
3(	9)						
	8.1		6/06/84-06/08/964	A NP	2-23	4726	11241
	4.8		6/19/16-06/22/916	R	-	4728	11146
	4.7		6/01/53-06/04/953	H	-	4725	11050
	3.7(	1000- 12)	6/16/48-06/17/948	H	-	4812	11230
	3.5		6/03/08-06/06/908	A MR	5-15	4711	11108
4(	9)						
	10.8		6/17/21-06/21/921	A MR	4-21	4718	10535
	6.6		6/06/06-06/08/906	A MR	5-13	4804	10939
	4.0		6/14/44-06/18/944	R	-	4722	10814
	3.9		6/11/37-06/13/937	A MR	5-29	4730	10534
	3.5		6/12/14-06/14/914	A MR	5-20	4821	10753
5(	10)						
	10.9		6/09/72-06/09/972	H	-	4412	10331
	9.1		6/24/66-06/24/966	R	-	4721	10119
	7.6		6/25/14-06/28/914	A MR	4-14A	4629	10017
	5.7(	200- 6)	6/12/07-06/13/907	A MR	4-10	4435	10320
	4.2		6/06/29-06/07/929	A MR	4-28	4657	10400
6(	5)						
	10.4		7/18/09-07/23/909	A UMV	1-11A	4721	9548
	5.7		7/01/01-07/06/901	A UMV	1- 8	4822	9620
	5.0		8/19/18-08/22/918	A MR	4-16	4730	9719
	4.6		7/18/97-07/22/897	A UMV	1- 2	4747	9555
	4.0		6/25/14-06/28/914	A MR	4-14B	4535	9555
7(	15)						
	10.6		8/28/41-08/31/941	A UMV	1-22	4600	9128
	10.4		7/18/09-07/23/909	A UMV	1-11	4627	9011
	9.8		7/21/72-07/22/972	H	-	4610	9430
	7.8		6/03/05-06/08/905	A GL	2-12	4508	9020
	7.0(	200- 9)	6/19/43-06/20/943	H	-	4528	9115
8(	5)						
	12.6		7/04/69-07/05/969	H	-	4400	8200
	6.8		8/31/37-09/03/937	A GL	3- 5	4517	8437
	6.3		7/19/12-07/24/912	A GL	2-29	4511	8941
	5.4		6/08/22-06/11/922	A GL	2-21	4420	8812
	3.5		7/01/00-07/06/900	A UMV	1- 5	4457	8937
9(	1)						
	6.1		8/24/92-08/27/892	H	-	4427	7546
10(	1)						
	2.4		6/04/47-06/05/947	R	-	4030	12215
11(	1)						
B	1.8		6/10/43-06/13/943	R	-	4140	11525
12(	4)						
B	3.3		7/23/13-07/26/913	R	-	4235	11230
	2.4		8/28/09-09/02/909	H	-	3930	11050
B	2.4		6/07/44-06/12/944	R	-	4345	11335
	1.1		6/08/47-06/12/947	H	-	4109	11155
13(	5)						
	5.9		8/31/38-09/04/938	R	-	4025	10512
	4.2		8/30/38-09/04/938	A MR	5- 8	4023	10504
	2.4		7/19/29-07/24/929	R	-	3913	10517
	2.3		7/27/22-08/03/922	R	-	3945	10533
	1.6		6/01/43-06/03/943	R	-	3933	10720
14(	4)						
	4.5(	200- 10)	6/17/47-06/18/947	A MR	7-16	4149	10341
	4.1(	200- 6)	7/27/51-07/28/951	A MR	10- 7	4236	10306
B	4.0		6/12/49-06/14/949	R	-	4004	10427
	3.6(	200- 6)	6/12/49-06/14/949	R	-	4000	10438
15(	24)						
	13.1		8/12/66-08/13/966	R	-	4133	9832
	12.9		6/10/44-06/13/944	A MR	6-15	4152	9703
	12.5		6/23/63-06/24/963	H	-	4114	9705
	12.2		7/22/11-07/23/911	R	-	4022	9654
	11.2		6/04/96-06/07/896	A MR	4- 3	4133	9832
16(	34)						
	11.3		6/09/05-06/10/905	A UMV	2- 5	4042	9148
	11.0		7/16/68-07/17/968	H	-	4230	9219
	10.3		7/09/22-07/12/922	A MR	2-29	4029	9625
	9.9		8/24/03-08/28/903	A MR	1-10	4057	9335
	9.8		7/01/58-07/02/958	H	-	4143	9456
17(	11)						
	10.3		6/27/57-06/28/957	H	-	3938	8742
	10.0(	200- 6)	8/31/14-09/01/914	A GL	2-16	4225	8535
	9.8		7/08/51-07/09/951	H	-	4045	8849
	8.9		7/12/57-07/13/957	H	-	4108	8753
	7.8		6/29/38-07/01/938	A GL	3-11	4235	8802
18(	11)						
	9.6		8/06/35-08/07/935	A OR	9-11	4016	8152
	6.8		7/12/13-07/15/913	A OR	3- 7	4003	8213
	5.6		8/08/13-08/10/913	A GL	3- 2	4336	8354
	5.1		8/25/03-08/30/903	A GL	1- 9	4119	8152
	4.9		7/18/19-07/21/919	A GL	4-15	4034	8234
19(	26)						
	16.8		7/17/42-07/18/942	A OR	9-23	4150	7825
	10.4		6/19/72-06/23/972	H	-	4204	7810
	8.3(	200- 4)	7/09/45-07/09/945	H	-	4042	7512
	8.0		7/06/35-07/10/935	A NA	1-27	4230	7653
	8.0(	200- 3)	8/05/43-08/05/843	H	-	3953	7532
20(	17)						
	15.1		8/19/39-08/19/939	A NA	2- 3	3942	7416
	10.2		8/17/55-08/20/955	A NA	2-22A	4207	7245
	8.2		8/13/19-08/14/919	A NA	1-12	3936	7421
	7.7		8/20/33-08/24/933	A NA	1-24	4156	7423
	6.6		7/26/97-07/29/897	A NA	1- 7A	4040	7414
21(	0)						
22(	0)						
23(	2)						
	4.4		8/26/51-08/30/951	H	-	3407	11221
B	1.0(	1108- 12)	8/17/45-08/19/945	R	-	3737	11430
24(	13)						
	9.7		6/02/21-06/06/921	A SW	1-23	3827	10506
	5.1		8/29/42-09/01/942	A SW	2-29	3436	10506
	4.7		7/19/15-07/28/915	A SW	1-18	3446	10620
	4.6		6/06/13-06/12/913	A SW	1-14	3556	10505
	2.5		8/17/21-08/25/921	R	-	3728	10510
25(	3)						
	7.8		6/13/65-06/20/965	H	-	3743	10223
	4.6		6/02/32-06/06/932	A SW	2- 7A	3828	10146
	3.1		8/06/29-08/11/929	A SW	2-27	3549	10456
26(	12)						
	10.4		6/02/32-06/06/932	A SW	2- 7	3530	9654
	8.6		8/15/32-08/17/932	A SW	2- 8	3624	9754
	8.1		7/12/27-07/15/927	A SW	2- 5	3412	9708
	7.8		8/11/27-08/14/927	A MR	3-13	3831	9912
	7.5		6/28/05-07/02/905	A MR	1-16A	3749	9651
27(	21)						
	13.8		6/14/57-06/15/957	H	-	3837	9024
	12.8		8/27/47-08/28/947	A SW	3- 7A	3414	9420
	9.5		6/28/05-07/02/905	A MR	1-16B	3407	9303
	9.2		8/12/46-08/15/946	A MR	7- 2A	3840	9313
	8.9		8/25/19-08/29/919	A MR	2-22	3846	9344
28(	9)						
	8.7(	500- 6)	8/11/52-08/12/952	A UMV	3-30	3712	8933
	8.6(	1000- 12)	6/22/69-06/23/969	H	-	3644	8613
	8.3		8/12/46-08/16/946	A MR	7- 2B	3840	8959
	8.0		6/20/35-06/21/935	A OR	5- 5	3712	8712
	5.9(	200- 3)	6/18/39-06/18/939	H	-	3527	8648
29(	12)						
	13.8		7/04/39-07/05/939	H	-	3813	8322
	11.7		7/13/16-07/17/916	A SA	2- 9	3553	8201
	8.8		8/13/28-08/17/928	A SA	2-13	3507	8238
	8.7		8/30/40-08/31/940	H	-	3500	8306
	7.8		8/23/08-08/28/908	A SA	2- 6	3626	8028
30(	13)						
	19.6		8/19/69-08/20/969	A NA	2-23	3749	7900
	10.5		7/26/97-07/29/897	A NA	1- 7	3846	7634
	7.6		8/10/40-08/17/940	A SA	5-19A	3703	7830
	7.6		8/10/28-08/13/928	A NA	1-18	3844	7651
	7.1		8/10/40-08/17/940	A SA	5-19C	3442	7718
31(	0)						
32(	1)						
	4.4		8/19/54-08/20/954	H	-	3323	11124
33(	2)						
	3.9(	200- 9)	8/29/35-08/30/935	H	-	3217	10646
	3.7		7/21/05-07/25/905	A GM	3-13	3256	10517
34(	6)						
	16.9		6/23/48-06/24/948	H	-	2922	10037
	14.9		6/23/54-06/28/954	A SW	3-22	3022	10123
	11.9(	200- 6)	6/19/39-06/20/939	H	-	3244	10055
	9.0		7/19/38-07/25/938	A GM	5-10	3046	10044
	7.9		8/04/06-08/06/906	A GM	3-14	3117	10048
35(	11)						
	15.6		6/28/40-06/30/940	A GM	5-11	2941	9701
	14.3		6/30/32-07/02/932	A GM	5- 1	3001	9907
	14.1		6/05/43-06/07/943	A SW	3- 3	3240	9536
	13.8		6/27/36-07/04/936	A GM	5- 6	2924	9739
	12.4		8/30/32-09/05/932	A GM	5-16A	3144	9610
36(	11)						
	17.4		6/13/86-06/17/886	A LMV	4-27	3119	9233
	13.4		8/06/40-08/09/940	A LMV	4-24	2945	9210
	11.3		8/12/38-08/15/938	A LMV	4-23	3020	9245
	11.2		7/22/33-07/27/933	A LMV	2-26	3158	9400
	10.0		7/27/43-07/29/943	A GM	5-21	3002	9435
37(	4)						
	14.9		7/05/16-07/10/916	A GM	1-19	3049	8619
	8.6		6/01/28-06/05/928	A LMV	2-18	3155	8745
	7.8		8/26/98-08/29/898	A SA	3- 5	3012	8543
	5.5		7/29/36-08/02/936	A SA	3-22	3026	8502
38(	6)						
	14.9		8/28/11-08/31/911	A SA	3-11	3030	8202
	10.8		8/26/93-08/28/893	A SA	2- 1	3341	8012
	10.3		7/13/16-07/17/916	A SA	2- 9A	3340	7949
	9.0		8/30/98-09/03/898	A SA	3- 6	3223	8042
	8.8		7/27/87-07/31/887	A SA	3- 1	3337	8304
39(	0)						
40(	3)						
	12.4		8/01/15-08/03/915	A SA	4-15	2747	8238
	9.1		8/07/28-08/12/928	A SA	4-24	2814	8117
	8.6		6/12/34-06/16/934	A SA	5- 1	2821	8217

FIVE GREATEST OBSERVED 200 SQUARE MILE- 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

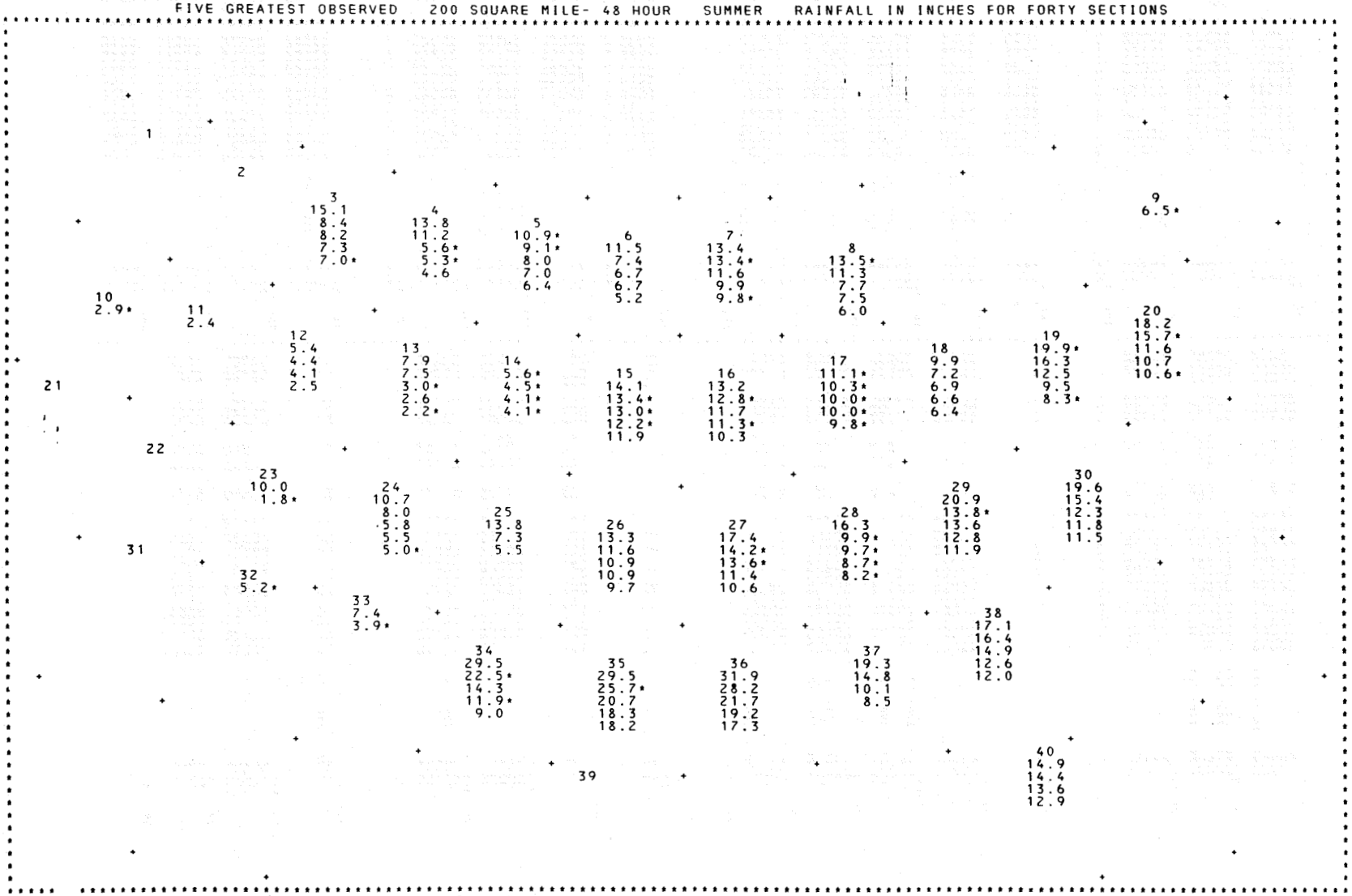


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)						
2(0)						
3(9)						
12.9		6/06/64-06/08/964	A	MP 2-23	4726	11241
7.0		6/01/53-06/04/953	H	-	4725	11050
6.0		6/03/08-06/06/908	A	MR 5-15	4711	11108
6.0		6/19/16-06/22/916	R	-	4728	11146
5.6(	1000- 24)	6/16/48-06/17/948	H	-	4812	11230
4(9)						
12.7		6/17/21-06/21/921	A	MR 4-21	4718	10535
8.7		6/06/06-06/08/906	A	MR 5-13	4804	10939
5.4		6/07/10-06/08/910	A	MR 5-17	4639	10918
4.3		6/11/37-06/13/937	A	MR 5-29	4730	10534
4.1		6/14/44-06/18/944	R	-	4722	10814
5(10)						
10.9(	200- 12)	6/09/72-06/09/972	H	-	4412	10331
9.1(	200- 12)	6/24/66-06/24/966	R	-	4721	10119
8.0		6/25/14-06/28/914	A	MR 4-14A	4629	10017
6.6		7/05/28-07/08/928	A	UMV 1-18	4820	10140
5.7(	200- 6)	6/12/07-06/13/907	A	MR 4-10	4435	10320
6(5)						
11.1		7/18/09-07/23/909	A	UMV 1-11A	4721	9548
7.2		7/01/01-07/06/901	A	UMV 1- 8	4822	9620
6.2		7/18/97-07/22/897	A	UMV 1- 2	4747	9555
5.8		8/19/18-08/22/918	A	MR 4-16	4730	9719
5.1		6/25/14-06/28/914	A	MR 4-14B	4535	9555
7(15)						
11.3		8/28/41-08/31/941	A	UMV 1-22	4600	9128
11.1		7/18/09-07/23/909	A	UMV 1-11	4627	9011
11.1		7/21/72-07/22/972	H	-	4610	9430
9.4		7/25/97-07/27/897	A	GL 4- 5	4600	9030
8.2		6/03/05-06/08/905	A	GL 2-12	4508	9020
8(5)						
13.5(	200- 18)	7/04/69-07/05/969	H	-	4400	8200
11.3		7/19/12-07/24/912	A	GL 2-29	4511	8941
7.6		8/31/37-09/03/937	A	GL 3- 5	4517	8437
6.9		6/08/22-06/11/922	A	GL 2-21	4420	8812
4.1		7/01/00-07/06/900	A	UMV 1- 5	4457	8937
9(1)						
6.4		8/24/92-08/27/892	H	-	4427	7546
10(1)						
2.8		6/04/47-06/05/947	R	-	4030	12215
11(1)						
B 1.9		6/10/43-06/13/943	R	-	4140	11525
12(4)						
B 4.1		6/07/44-06/12/944	R	-	4345	11335
3.9		8/28/09-09/02/909	H	-	3930	11050
B 3.5		7/23/13-07/26/913	R	-	4235	11230
1.6		6/08/47-06/12/947	H	-	4109	11155
13(5)						
7.2		8/31/38-09/04/938	R	-	4025	10512
4.6		8/30/38-09/04/938	A	MR 5- 8	4023	10504
2.9		7/27/22-08/03/922	R	-	3965	10533
2.5		7/19/29-07/24/929	R	-	3913	10517
2.1		6/01/43-06/03/943	R	-	3933	10720
14(4)						
4.5(	200- 10)	6/17/47-06/18/947	A	MR 7-16	4169	10341
4.1		6/12/49-06/14/949	R	-	4000	10438
4.1(	200- 6)	7/27/51-07/28/951	A	MR 10- 7	4236	10306
B 4.1		6/12/49-06/14/949	R	-	4004	10427
15(24)						
13.4(	200- 17)	8/12/66-08/13/966	R	-	4133	9832
13.0		6/23/63-06/24/963	H	-	4114	9705
12.9		6/10/44-06/13/944	A	MR 6-15	4152	9703
12.2(	200- 18)	7/22/11-07/23/911	R	-	4022	9654
11.5	-	6/23/91-06/27/891	A	MR 4- 2	4252	9530
16(34)						
12.8		7/16/68-07/17/968	H	-	4230	9219
12.2		8/24/03-08/28/903	A	MR 1-10	4057	9335
11.3(	200- 12)	6/09/05-06/10/905	A	UMV 2- 5	4042	9148
11.0		7/09/22-07/12/922	A	MR 2-29	4029	9425
9.8(	200- 12)	7/01/58-07/02/958	H	-	4143	9456
17(11)	-					
11.1		6/27/57-06/28/957	H	-	3938	8742
10.3		7/12/57-07/13/957	H	-	4108	8753
10.0(	200- 6)	8/31/14-09/01/914	A	GL 2-16	4225	8535
10.0		6/29/38-07/01/938	A	GL 3-11	4235	8802
9.8(	200- 12)	7/08/51-07/09/951	H	-	4045	8849
18(11)						
9.9		8/06/35-08/07/935	A	OR 9-11	4016	8152
7.0		7/12/13-07/15/913	A	OR 3- 7	4003	8213
6.0		7/25/75-08/03/875	A	OR 4- 1	4039	8339
6.0		8/25/03-08/30/903	A	GL 1- 9	4119	8152
5.8		7/18/19-07/21/919	A	GL 4-15	4034	8234
19(26)						
19.9		7/17/42-07/18/942	A	OR 9-23	4150	7825
13.4		6/19/72-06/23/972	H	-	4204	7810
10.0		7/06/35-07/10/935	A	NA 1-27	4230	7653
9.1		8/20/33-08/24/933	A	NA 1-24B	3955	7645
8.3(	200- 4)	7/09/45-07/09/945	H	-	4042	7512
20(17)						
15.7(	200- 18)	8/19/39-08/19/939	A	NA 2- 3	3942	7416
14.2		8/17/55-08/20/955	A	NA 2-22A	4207	7245
9.3		8/20/33-08/24/933	A	NA 1-24	4156	7423
9.2		8/13/19-08/14/919	A	NA 1-12	3936	7421
8.1(	200- 18)	8/26/71-08/28/971	H	-	4004	7440
21(0)						
22(0)						
23(2)						
6.0		8/26/51-08/30/951	H	-	3407	11221
B 1.2(	1108- 24)	8/17/45-08/19/945	R	-	3737	11430
24(14)						
10.4		6/02/21-06/06/921	A	SW 1-23	3827	10504
7.6		8/29/42-09/01/942	A	SW 2-29	3456	10506
5.0		8/01/68-08/01/968	H	-	3749	10923
4.9		7/19/15-07/28/915	A	SW 1-18	3446	10620
4.8		6/06/13-06/12/913	A	SW 1-14	3556	10505
25(3)						
11.9		6/13/65-06/20/965	H	-	3743	10223
5.0		6/02/32-06/06/932	A	SW 2- 7A	3828	10146
3.9		8/06/29-08/11/929	A	SW 2-27	3549	10456
26(12)						
10.9		6/02/32-06/06/932	A	SW 2- 7	3530	9654
10.3		8/15/32-08/17/932	A	SW 2- 8	3624	9754
9.7		7/12/27-07/15/927	A	SW 2- 5	3412	9708
8.0		6/04/16-06/06/916	A	MR 2-12	3653	9703
7.8		8/11/27-08/14/927	A	MR 3-13	3831	9912
27(21)						
14.2		6/14/57-06/15/957	H	-	3837	9024
13.6		8/27/47-08/28/947	A	SW 3- 7A	3414	9420
12.4		8/12/46-08/15/946	A	MR 7- 2A	3840	9313
11.2		8/25/19-08/29/919	A	MR 2-22	3846	9344
10.6		6/28/05-07/02/905	A	MR 1-16B	3407	9303
28(10)						
10.6		8/12/46-08/16/946	A	MR 7- 2B	3840	8959
9.7		6/20/35-06/21/935	A	OR 5- 5	3712	8712
9.3(	1000- 24)	6/22/69-06/23/969	H	-	3644	8613
8.7(	500- 6)	8/11/52-08/12/952	A	UMV 3-30	3712	8933
8.2(	200- 16)	8/02/39-08/03/939	H	-	3613	8616
29(14)						
18.3		7/13/16-07/17/916	A	SA 2- 9	3553	8201
13.8(	200- 12)	7/04/39-07/05/939	H	-	3813	8322
11.0		8/30/40-08/31/940	H	-	3500	8306
10.7		8/13/28-08/17/928	A	SA 2-13	3507	8238
10.4		8/23/08-08/28/908	A	SA 2- 6	3626	8028
30(13)						
19.6		8/19/69-08/20/969	A	NA 2-23	3749	7900
10.6		7/26/97-07/29/897	A	NA 1- 7	3846	7634
10.2		8/10/40-08/17/940	A	SA 5-19A	3703	7830
10.2		8/10/28-08/13/928	A	NA 1-18	3844	7651
9.4		8/10/55-08/15/955	A	NA 2-21B	3507	7703
31(0)						
32(1)						
4.4		8/19/54-08/20/954	H	-	3323	11124
33(2)						
4.8		7/21/05-07/25/905	A	GM 3-13	3256	10517
3.9(	200- 9)	8/29/35-08/30/935	H	-	3217	10646
34(6)						
22.5		6/23/48-06/24/948	H	-	2922	10037
22.5		6/23/54-06/28/954	A	SW 3-22	3022	10123
11.9(	200- 6)	6/19/39-06/20/939	H	-	3244	10055
11.2		7/19/38-07/25/938	A	GM 5-10	3046	10044
8.6		8/04/06-08/06/906	A	GM 3-14	3117	10048
35(11)						
23.8		6/30/32-07/02/932	A	GM 5- 1	3001	9907
23.0		6/27/99-07/01/899	A	GM 3- 4	3052	9632
17.4		8/30/32-09/05/932	A	GM 5-16A	3144	9610
17.1		6/28/40-06/30/940	A	GM 5-11	2941	9701
15.7		8/26/45-08/29/945	A	GM 5-23	3002	9551
36(11)						
22.0		6/13/86-06/17/886	A	LMV 4-27	3119	9233
20.5		8/06/40-08/09/940	A	LMV 4-24	2945	9210
17.1		7/22/33-07/27/933	A	LMV 2-26	3158	9400
15.1		7/27/43-07/29/943	A	GM 5-21	3002	9435
13.9		8/12/38-08/15/938	A	LMV 4-23	3020	9245
37(4)						
17.1		7/05/16-07/10/916	A	GM 1-19	3049	8619
12.0		6/01/28-06/05/928	A	LMV 2-18	3155	8745
8.0		8/26/98-08/29/898	A	SA 3- 5	3012	8543
7.3		7/29/36-08/02/936	A	SA 3-22	3026	8502
38(6)						
16.4		8/28/11-08/31/911	A	SA 3-11	3030	8202
14.9		7/13/16-07/17/916	A	SA 2- 9A	3340	7949
12.5		8/26/93-08/28/893	A	SA 2- 1	3341	8012
10.6		8/10/40-08/17/940	A	SA 4-19D	3223	8043
10.4		8/30/98-09/03/898	A	SA 3- 6	3223	8042
39(0)						
40(4)						
13.3		8/01/15-08/03/915	A	SA 4-15	2747	8238
12.1		6/12/34-06/16/934	A	SA 5- 1	2821	8217
11.6		6/29/09-07/03/909	H	-	2808	8247
11.1		8/07/28-08/12/928	A	SA 4-24	2814	8117

FIVE GREATEST OBSERVED 200 SQUARE MILE- 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

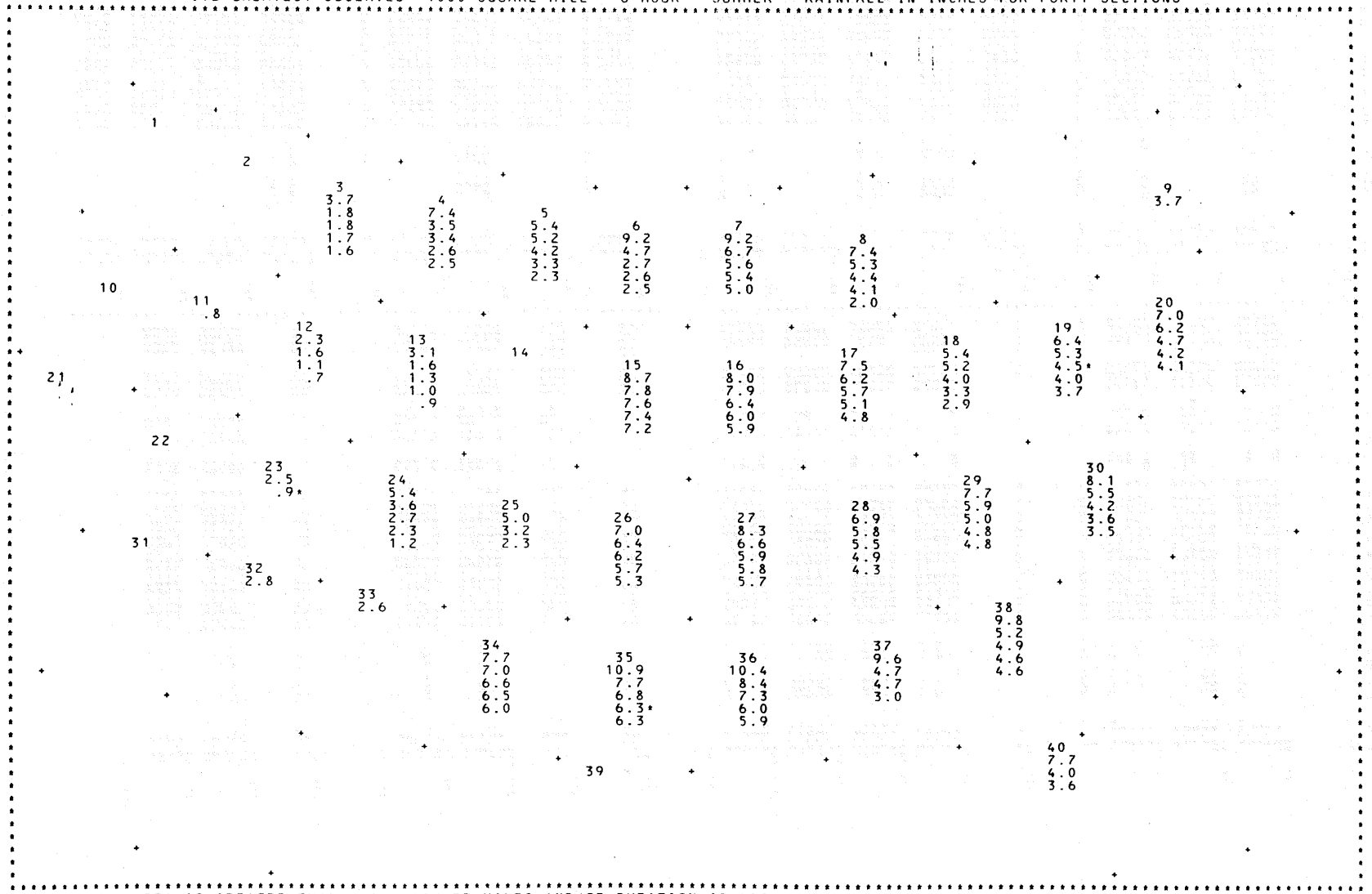


* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	0)						
2(	0)						
3(	9)						
	15.1		6/06/64-06/08/964	A NP	2-23	4226	11241
	8.4		6/01/53-06/04/953	H	-	4225	11050
	8.2		6/19/16-06/22/916	R	-	4228	11146
	7.3		6/03/08-06/06/908	A MR	5-15	4711	11108
	7.0(	1000- 48)	6/16/48-06/17/948	H	-	4812	11230
4(	9)						
	13.8		6/17/21-06/21/921	A MR	4-21	4718	10535
	11.2		6/06/06-06/08/906	A MR	5-13	4804	10939
	5.6(	200- 30)	6/07/10-06/08/910	A MR	5-17	4639	10918
	5.3(	200- 42)	7/14/18-07/15/918	A MR	5-23	4650	10905
	4.6		6/14/44-06/18/944	R	-	4722	10814
5(	10)						
	10.9(	200- 12)	6/09/72-06/09/972	H	-	4412	10331
	9.1(	200- 12)	6/24/66-06/24/966	R	-	4721	10119
	8.0		6/25/14-06/28/914	A MR	4-14A	4629	10017
	7.0		7/05/28-07/08/928	A UMV	1-18	4820	10140
	6.4		6/26/44-06/27/944	R	-	4900	10233
6(	5)						
	11.5		7/18/09-07/23/909	A UMV	1-11A	4721	9548
	7.4		7/01/01-07/06/901	A UMV	1- 8	4822	9620
	6.7		7/18/97-07/22/897	A UMV	1- 2	4747	9555
	6.7		8/19/18-08/22/918	A MR	4-16	4730	9719
	5.2		6/25/14-06/28/914	A MR	4-14B	4535	9555
7(	15)						
	13.4		8/28/41-08/31/941	A UMV	1-22	4600	9128
	13.4(	200- 45)	7/21/72-07/22/972	H	-	4610	9430
	11.6		7/18/09-07/23/909	A UMV	1-11	4627	9011
	9.9		6/03/05-06/08/905	A GL	2-12	4508	9020
	9.8(	200- 36)	7/25/97-07/27/897	A GL	4- 5	4600	9030
8(	5)						
	13.5(	200- 18)	7/04/69-07/05/969	H	-	4400	8200
	11.3		7/19/12-07/24/912	A GL	2-29	4511	8941
	7.7		8/31/37-09/03/937	A GL	3- 5	4517	8637
	7.5		6/08/22-06/11/922	A GL	2-21	4420	8812
	6.0		7/01/00-07/06/900	A UMV	1- 5	4457	8937
9(	1)						
	6.5(	200- 36)	8/24/92-08/27/892	H	-	4427	7546
10(	1)						
	2.9(	200- 36)	6/04/47-06/05/947	R	-	4030	12215
11(	1)						
B	2.4		6/10/43-06/13/943	R	-	4140	11525
12(	4)						
B	5.4		7/23/13-07/26/913	R	-	4235	11230
	4.4		8/28/09-09/02/909	H	-	3930	11050
B	4.1		6/07/44-06/12/944	R	-	4345	11335
	2.5		6/08/47-06/12/947	H	-	4109	11155
13(	5)						
	7.9		8/30/38-09/04/938	A MR	5- 8	4023	10504
	7.5		8/31/38-09/04/938	R	-	4025	10512
	3.0(	200- 36)	7/27/22-08/03/922	R	-	3945	10533
	2.6		7/19/29-07/24/929	R	-	3913	10517
	2.2(	200- 42)	6/01/43-06/03/943	R	-	3933	10720
14(	4)						
B	5.6(	200- 36)	6/12/49-06/14/949	R	-	4004	10427
	4.5(	200- 10)	6/17/47-06/18/947	A MR	7-16	4149	10341
	4.1(	200- 6)	7/27/51-07/28/951	A MR	10- 7	4236	10306
	4.1(	200- 24)	6/12/49-06/14/949	R	-	4000	10438
15(	24)						
	14.1	-	6/10/44-06/13/944	A MR	6-15	4152	9703
	13.4(	200- 17)	8/12/66-08/13/966	R	-	4133	9832
	13.0(	200- 24)	6/23/63-06/24/963	H	-	4114	9705
	12.2(	200- 18)	7/22/11-07/23/911	R	-	4022	9654
	11.9		7/14/00-07/17/900	A MR	1- 5	4305	9538
16(	34)						
	13.2		8/24/03-08/28/903	A MR	1-10	4057	9335
	12.8(	200- 24)	7/16/68-07/17/968	H	-	4230	9219
	11.7		7/09/22-07/12/922	A MR	2-29	4029	9425
	11.3(	200- 12)	6/09/05-06/10/905	A UMV	2- 5	4042	9148
	10.3		7/04/09-07/07/909	A UMV	2- 8	4015	9402
17(	11)						
	11.1(	200- 24)	6/27/57-06/28/957	H	-	3938	8742
	10.3(	200- 24)	7/12/57-07/13/957	H	-	4108	8753
	10.0(	200- 6)	8/31/14-09/01/914	A GL	2-16	4225	8535
	10.0(	200- 42)	6/29/38-07/01/938	A GL	3-11	4235	8802
	9.8(	200- 12)	7/08/51-07/09/951	H	-	4045	8849
18(	11)						
	9.9		8/06/35-08/07/935	A OR	9-11	4016	8152
	7.2		7/12/13-07/15/913	A OR	3- 7	4003	8213
	6.9		7/25/75-08/03/875	A OR	4- 1	4039	8339
	6.6		8/08/13-08/10/913	A GL	3- 2	4336	8354
	6.4		8/25/03-08/30/903	A GL	1- 9	4119	8152
19(	26)						
	19.9(	200- 24)	7/17/42-07/18/942	A OR	9-23	4150	7825
	16.3		6/19/72-06/23/972	H	-	4204	7810
	12.5		7/06/35-07/10/935	A NA	1-27	4230	7653
	9.5		8/20/33-08/24/933	A NA	1-24B	3955	7645
	8.3(	200- 4)	7/09/45-07/09/945	H	-	4042	7512
20(	17)						
	18.2		8/17/55-08/20/955	A NA	2-22A	4207	7245
	15.7(	200- 18)	8/19/39-08/19/939	A NA	2- 3	3942	7416
	11.6		8/11/55-08/15/955	A NA	2-21A	4201	7425
	10.7		8/20/33-08/24/933	A NA	1-24	4156	7423
	10.6(	200- 30)	8/26/71-08/28/971	H	-	4004	7440
21(	0)						
22(	0)						
23(	2)						
	10.0		8/26/51-08/30/951	H	-	3407	11221
B	1.8(	1108- 42)	8/17/45-08/19/945	R	-	3737	11430
24(	14)						
	10.7		6/02/21-06/06/921	A SW	1-23	3827	10504
	8.0		8/29/42-09/01/942	A SW	2-29	3456	10506
	5.8		7/19/15-07/28/915	A SW	1-18	3446	10620
	5.5		6/06/13-06/12/913	A SW	1-14	3556	10505
	5.0(	200- 24)	8/01/68-08/01/968	H	-	3749	10923
25(	3)						
	13.8		6/13/65-06/20/965	H	-	3743	10223
	7.3		6/02/32-06/06/932	A SW	2- 7A	3828	10146
	5.5		8/06/29-08/11/929	A SW	2-27	3549	10456
26(	12)						
	13.3		7/09/51-07/13/951	A MR	10- 2	3840	9630
	11.6		6/01/04-06/05/904	A SW	1- 5	3451	9533
	10.9		8/15/32-08/17/932	A SW	2- 8	3624	9754
	10.9		6/02/32-06/06/932	A SW	2- 7	3530	9654
	9.7		7/12/27-07/15/927	A SW	2- 5	3412	9708
27(	21)						
	17.4		8/12/46-08/15/946	A MR	7- 2A	3840	9313
	14.2(	200- 24)	6/14/57-06/15/957	H	-	3837	9024
	13.6(	200- 24)	8/27/47-08/28/947	A SW	3- 7A	3414	9420
	11.4		8/25/19-08/29/919	A MR	2-22	3846	9344
	10.6		6/28/05-07/02/905	A MR	1-16B	3407	9303
28(	11)						
	16.3		8/12/46-08/16/946	A MR	7- 2B	3840	8959
	9.9(	200- 42)	6/20/35-06/21/935	A OR	5- 5	3712	8712
	9.7(	1000- 30)	6/22/69-06/23/969	H	-	3644	8613
	8.7(	500- 6)	8/11/52-08/12/952	A UMV	3-30	3712	8933
	8.2(	200- 16)	8/02/39-08/03/939	H	-	3613	8616
29(	14)						
	20.9		7/13/16-07/17/916	A SA	2- 9	3553	8201
	13.8(	200- 12)	7/04/39-07/05/939	H	-	3813	8322
	13.6		8/23/08-08/28/908	A SA	2- 6	3626	8028
	12.8		8/10/40-08/17/940	A SA	5-19B	3545	8205
	11.9		8/13/28-08/17/928	A SA	2-13	3507	8238
30(	13)						
	19.6		8/19/69-08/20/969	A NA	2-23	3749	7900
	15.4		8/10/40-08/17/940	A SA	5-19A	3703	7830
	12.3		8/10/28-08/13/928	A NA	1-18	3844	7651
	11.8		8/10/55-08/15/955	A NA	2-21B	3507	7703
	11.5		7/26/97-07/29/897	A NA	1- 7	3846	7634
31(	0)						
32(	1)						
	5.2(	200- 36)	8/19/54-08/20/954	H	-	3323	11124
33(	2)						
	7.4		7/21/05-07/25/905	A GM	3-13	3256	10517
	3.9(	200- 9)	8/29/35-08/30/935	H	-	3217	10646
34(	6)						
	29.5		6/23/54-06/28/954	A SW	3-22	3022	10123
	22.5(	200- 24)	6/23/48-06/24/948	H	-	2922	10037
	14.3		7/19/38-07/25/938	A GM	5-10	3046	10044
	11.9(	200- 6)	6/19/39-06/20/939	H	-	3244	10055
	9.0		8/04/06-08/06/906	A GM	3-14	3117	10048
35(	11)						
	29.5		6/27/99-07/01/899	A GM	3- 4	3052	9632
	25.7(	200- 42)	6/30/32-07/02/932	A GM	5- 1	3001	9907
	20.7		6/28/40-06/30/940	A GM	5-11	2941	9701
	18.3		8/26/45-08/29/945	A GM	5-23	3002	9551
	18.2		6/27/36-07/04/936	A GM	5- 6	2924	9739
36(	11)						
	31.9		8/06/40-08/09/940	A LMV	4-24	2945	9210
	28.2		6/13/86-06/17/886	A LMV	4-27	3119	9233
	21.7		7/27/43-07/29/943	A GM	5-21	3002	9435
	19.2		7/22/33-07/27/933	A LMV	2-26	3158	9400
	17.3		8/16/15-08/21/915	A LMV	1-10	3131	9407
37(	4)						
	19.3		7/05/16-07/10/916	A GM	1-19	3049	8619
	14.8		6/01/28-06/05/928	A LMV	2-18	3155	8745
	10.1		8/26/98-08/29/898	A SA	3- 5	3012	8543
	8.5		7/29/36-08/02/936	A SA	3-22	3026	8502
38(	6)						
	17.1		8/28/11-08/31/911	A SA	3-11	3030	8202
	16.4		7/13/16-07/17/916	A SA	2- 9A	3340	7949
	14.9		7/27/87-07/31/887	A SA	3- 1	3337	8304
	12.6		8/26/93-08/28/893	A SA	2- 1	3341	8012
	12.0		8/30/98-09/03/898	A SA	3- 6	3223	8042
39(	0)						
40(	4)						
	14.9		6/29/09-07/03/909	H	-	2808	8247
	14.4		8/01/15-08/03/915	A SA	4-15	2747	8238
	13.6		6/12/34-06/16/934	A SA	5- 1	2821	8217
	12.9		8/07/28-08/12/928	A SA	4-24	2814	8117

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

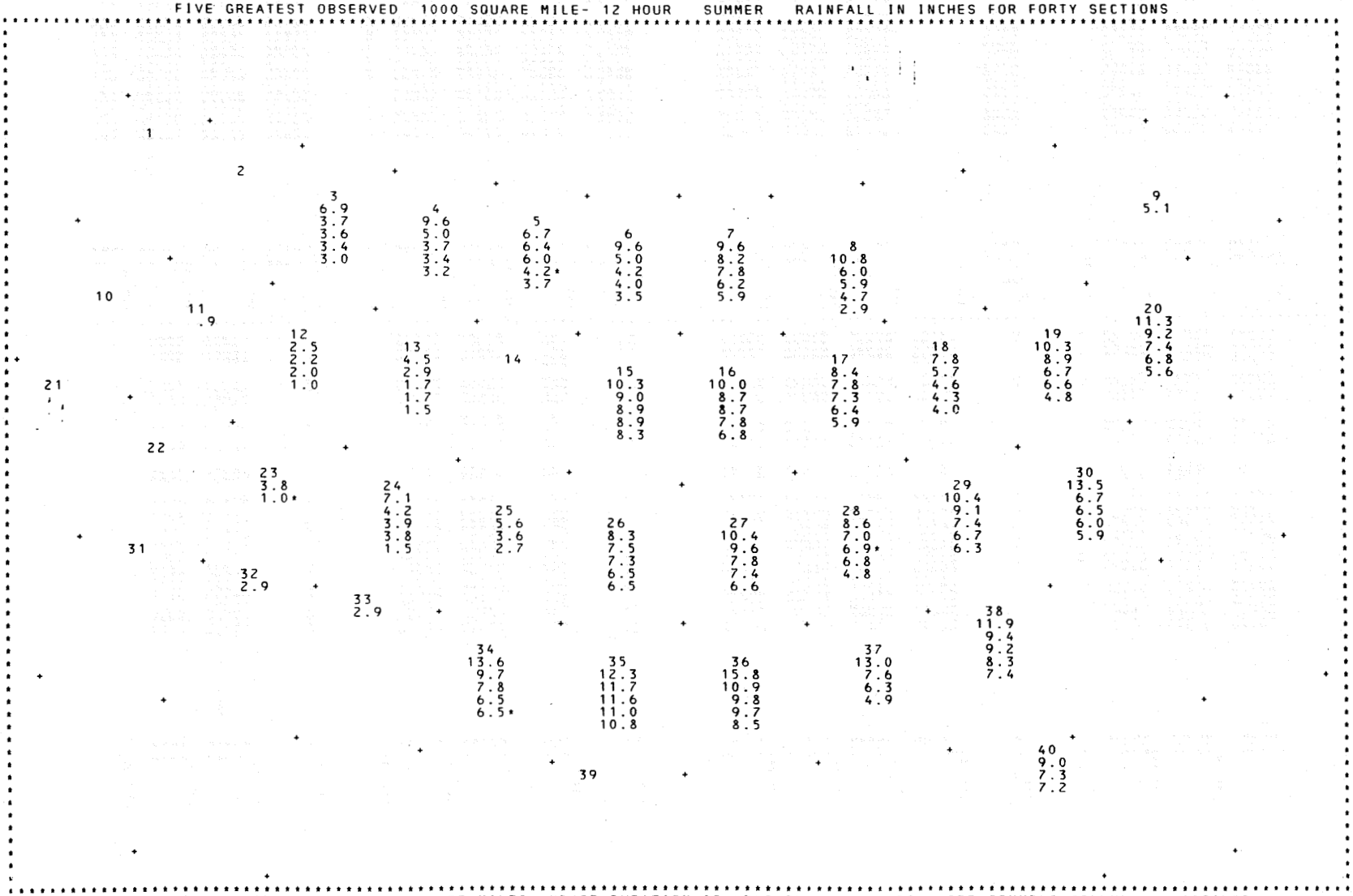


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)								
2(0)								
3(8)	3.7		6/06/64-06/08/964	A	NP	2-23	4726	11241
	1.8		6/16/48-06/17/948	H		-	4812	11230
	1.8		6/19/16-06/22/916	R		-	4728	11146
	1.7		6/21/07-06/23/907	A	MR	5-14	4749	11210
	1.6		6/03/08-06/06/908	A	MR	5-15	4711	11108
4(9)	7.4		6/17/21-06/21/921	A	MR	4-21	4718	10535
	3.5		6/06/06-06/08/906	A	MR	5-13	4804	10939
	3.4		6/14/44-06/18/944	R		-	4722	10814
	2.6		7/22/23-07/26/923	A	MR	4-22	4446	10658
	2.5		6/12/14-06/14/914	A	MR	5-20	4821	10753
5(9)	5.4		6/24/66-06/24/966	R		-	4721	10119
	5.2		6/25/14-06/28/914	A	MR	4-14A	4629	10017
	4.2		6/12/07-06/13/907	A	MR	4-10	4435	10320
	3.3		7/05/28-07/08/928	A	UMV	1-18	4820	10140
	2.3		6/06/29-06/07/929	A	MR	4-28	4657	10400
6(5)	9.2		7/18/09-07/23/909	A	UMV	1-11A	4721	9548
	4.7		7/01/01-07/06/901	A	UMV	1- 8	4822	9620
	2.7		7/18/97-07/22/897	A	UMV	1- 2	4747	9555
	2.6		8/19/18-08/22/918	A	MR	4-16	4730	9719
	2.5		6/25/14-06/28/914	A	MR	4-14B	4535	9555
7(14)	9.2		7/18/09-07/23/909	A	UMV	1-11	4627	9011
	6.7		7/21/72-07/22/972	H		-	4610	9430
	5.6		8/28/41-08/31/941	A	UMV	1-22	4600	9128
	5.4		6/03/05-06/08/905	A	GL	2-12	4508	9020
	5.0		7/13/16-07/17/916	A	UMV	1-16	4419	9428
8(5)	7.4		7/04/69-07/05/969	H		-	4400	8200
	5.3		8/31/37-09/03/937	A	GL	3- 5	4517	8437
	4.4		6/08/22-06/11/922	A	GL	2-21	4420	8812
	4.1		7/19/12-07/24/912	A	GL	2-29	4511	8941
	2.0		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
9(1)	3.7		8/24/92-08/27/892	H		-	4427	7546
10(0)								
11(1)	B 0.8		6/10/43-06/13/943	R		-	4140	11525
12(4)	B 2.3		7/23/13-07/26/913	R		-	4235	11230
	B 1.6		6/07/44-06/12/944	R		-	4345	11335
	1.1		8/28/09-09/02/909	H		-	3930	11050
	0.7		6/08/47-06/12/947	H		-	4109	11155
13(5)	3.1		8/31/38-09/04/938	R		-	4025	10512
	1.6		8/30/38-09/04/938	A	MR	5- 8	4023	10504
	1.3		7/27/22-08/03/922	R		-	3945	10533
	1.0		6/01/43-06/03/943	R		-	3933	10720
	0.9		7/19/29-07/24/929	R		-	3913	10517
14(0)								
15(24)	8.7		6/04/96-06/07/896	A	MR	4- 3	4133	9832
	7.8		6/10/44-06/13/944	A	MR	6-15	4152	9703
	7.6		8/12/66-08/13/966	R		-	4133	9832
	7.4		7/22/11-07/23/911	R		-	4022	9654
	7.2		6/03/40-06/04/940	A	MR	4- 5	4201	9653
16(34)	8.0		6/09/05-06/10/905	A	UMV	2- 5	4042	9148
	7.9		7/09/22-07/12/922	A	MR	2-29	4029	9425
	6.4		7/01/58-07/02/958	H		-	4143	9456
	6.0		8/01/29-08/02/929	A	UMV	2-17	4200	9234
	5.9		6/25/44-06/26/944	A	UMV	2-30	4158	9058
17(10)	7.5		7/08/51-07/09/951	H		-	4045	8849
	6.2		6/27/57-06/28/957	H		-	3938	8742
	5.7		8/31/14-09/01/914	A	GL	2-16	4225	8535
	5.1		7/12/57-07/13/957	H		-	4108	8753
	4.8		8/08/06-08/08/906	A	UMV	1-10	4237	8856
18(11)	5.4		8/06/35-08/07/935	A	OR	9-11	4016	8152
	5.2		7/12/13-07/15/913	A	OR	3- 7	4003	8213
	4.0		8/08/13-08/10/913	A	GL	3- 2	4336	8354
	3.3		7/03/31-07/03/931	A	OR	2- 6	3900	8420
	2.9		7/18/19-07/21/919	A	GL	4-15	4034	8234
19(24)	6.4		7/17/42-07/18/942	A	OR	9-23	4150	7825
	5.3		6/19/72-06/23/972	H		-	4204	7810
	4.5(1000- 4)		7/09/45-07/09/945	H		-	4042	7512
	4.0		7/06/35-07/10/935	A	NA	1-27	4230	7653
	3.7		8/20/33-08/24/933	A	NA	1-24B	3955	7645
20(15)	7.0		8/19/39-08/19/939	A	NA	2- 3	3942	7416
	6.2		8/17/55-08/20/955	A	NA	2-22A	4207	7245
	4.7		8/13/19-08/14/919	A	NA	1-12	3936	7421
	4.2		8/26/71-08/28/971	H		-	4004	7440
	4.1		8/20/33-08/24/933	A	NA	1-24	4156	7423
21(0)								
22(0)								
23(2)	2.5		8/26/51-08/30/951	H		-	3407	11221
	B 0.9(1108- 6)		8/17/45-08/19/945	R		-	3737	11430
24(12)	5.4		6/02/21-06/06/921	A	SW	1-23	3827	10504
	3.6		7/19/15-07/28/915	A	SW	1-18	3446	10620
	2.7		6/06/13-06/12/913	A	SW	1-14	3556	10505
	2.3		8/29/42-09/01/942	A	SW	2-29	3456	10506
	1.2		8/17/21-08/25/921	R		-	3728	10510
25(3)	5.0		6/13/65-06/20/965	H		-	3743	10223
	3.2		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
	2.3		8/06/29-08/11/929	A	SW	2-27	3549	10456
26(12)	7.0		6/02/32-06/06/932	A	SW	2- 7	3530	9654
	6.4		8/11/27-08/14/927	A	MR	3-13	3831	9912
	6.2		7/12/27-07/15/927	A	SW	2- 5	3412	9708
	5.7		6/01/04-06/05/904	A	SW	1- 5	3451	9533
	5.3		8/15/32-08/17/932	A	SW	2- 8	3624	9754
27(20)	8.3		8/27/47-08/28/947	A	SW	3- 7A	3414	9420
	6.6		6/14/57-06/15/957	H		-	3837	9024
	5.9		8/22/06-08/24/906	A	MR	1-21A	3815	9321
	5.8		6/03/43-06/04/943	A	MR	6- 3	3831	9409
	5.7		7/07/98-07/08/898	A	MR	1- 3B	3735	9057
28(8)	6.9		8/11/52-08/12/952	A	UMV	3-30	3712	8933
	5.8		6/22/69-06/23/969	H		-	3644	8613
	5.5		6/20/35-06/21/935	A	OR	5- 5	3712	8712
	4.9		8/12/46-08/16/946	A	MR	3- 2B	3840	8959
	4.3		7/28/38-08/02/938	A	OR	5- 9	3647	8835
29(12)	7.7		7/04/39-07/05/939	H		-	3813	8322
	5.9		7/13/16-07/17/916	A	SA	2- 9	3553	8201
	5.0		7/31/32-08/03/932	A	OR	2- 8	3802	8436
	4.8		7/03/32-07/08/932	A	OR	3-20	3828	8105
	4.8		8/30/40-08/31/940	H		-	3500	8306
30(13)	8.1		8/19/69-08/20/969	A	NA	2-23	3749	7900
	5.5		7/26/97-07/29/897	A	NA	1- 7	3846	7634
	4.2		8/10/28-08/13/928	A	NA	1-18	3844	7651
	3.6		8/10/55-08/15/955	A	NA	2-21B	3507	7703
	3.5		7/28/08-07/31/908	A	SA	5-23	3507	7703
31(0)								
32(1)	2.8		8/19/54-08/20/954	H		-	3323	11124
33(1)	2.6		7/27/05-07/25/905	A	GM	3-13	3256	10517
34(6)	7.7		6/23/48-06/24/948	H		-	2922	10037
	7.0		8/04/06-08/06/906	A	GM	3-14	3117	10048
	6.6		6/23/54-06/28/954	A	SW	3-22	3022	10123
	6.5		6/19/39-06/20/939	H		-	3244	10055
	6.0		7/19/38-07/25/938	A	GM	5-10	3046	10044
35(11)	10.9		6/27/36-07/04/936	A	GM	5- 6	2924	9739
	7.7		6/30/32-07/02/932	A	GM	5- 1	3001	9907
	6.8		6/05/43-06/07/943	A	SW	3- 3	3240	9536
	6.3(1000- 3)		6/28/40-06/30/940	A	GM	5-11	2941	9701
	6.3		8/30/32-09/05/932	A	GM	5-16A	3144	9610
36(11)	10.4		6/13/86-06/17/886	A	LMV	4-27	3119	9233
	8.4		8/12/38-08/15/938	A	LMV	4-23	3020	9245
	7.3		6/30/40-07/02/940	A	LMV	4-25	3335	9403
	6.0		8/06/40-08/09/940	A	LMV	4-24	2945	9210
	5.9		7/27/43-07/29/943	A	GM	5-21	3002	9435
37(4)	9.6		7/05/16-07/10/916	A	GM	1-19	3049	8619
	4.7		8/26/98-08/29/898	A	SA	3- 5	3012	8543
	4.7		6/01/28-06/05/928	A	LMV	2-18	3155	8745
	3.0		7/29/36-08/02/936	A	SA	3-22	3026	8502
38(6)	9.8		8/28/11-08/31/911	A	SA	3-11	3030	8202
	5.2		8/26/93-08/28/893	A	SA	2- 1	3341	8012
	4.9		7/27/87-07/31/887	A	SA	3- 1	3337	8304
	4.6		8/30/98-09/03/898	A	SA	3- 6	3223	8042
	4.6		7/13/16-07/17/916	A	SA	2- 9A	3340	7949
39(0)								
40(3)	7.7		8/01/15-08/03/915	A	SA	4-15	2747	8238
	4.0		8/07/28-08/12/928	A	SA	4-24	2814	8117
	3.6		6/12/34-06/16/934	A	SA	5- 1	2821	8217

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS



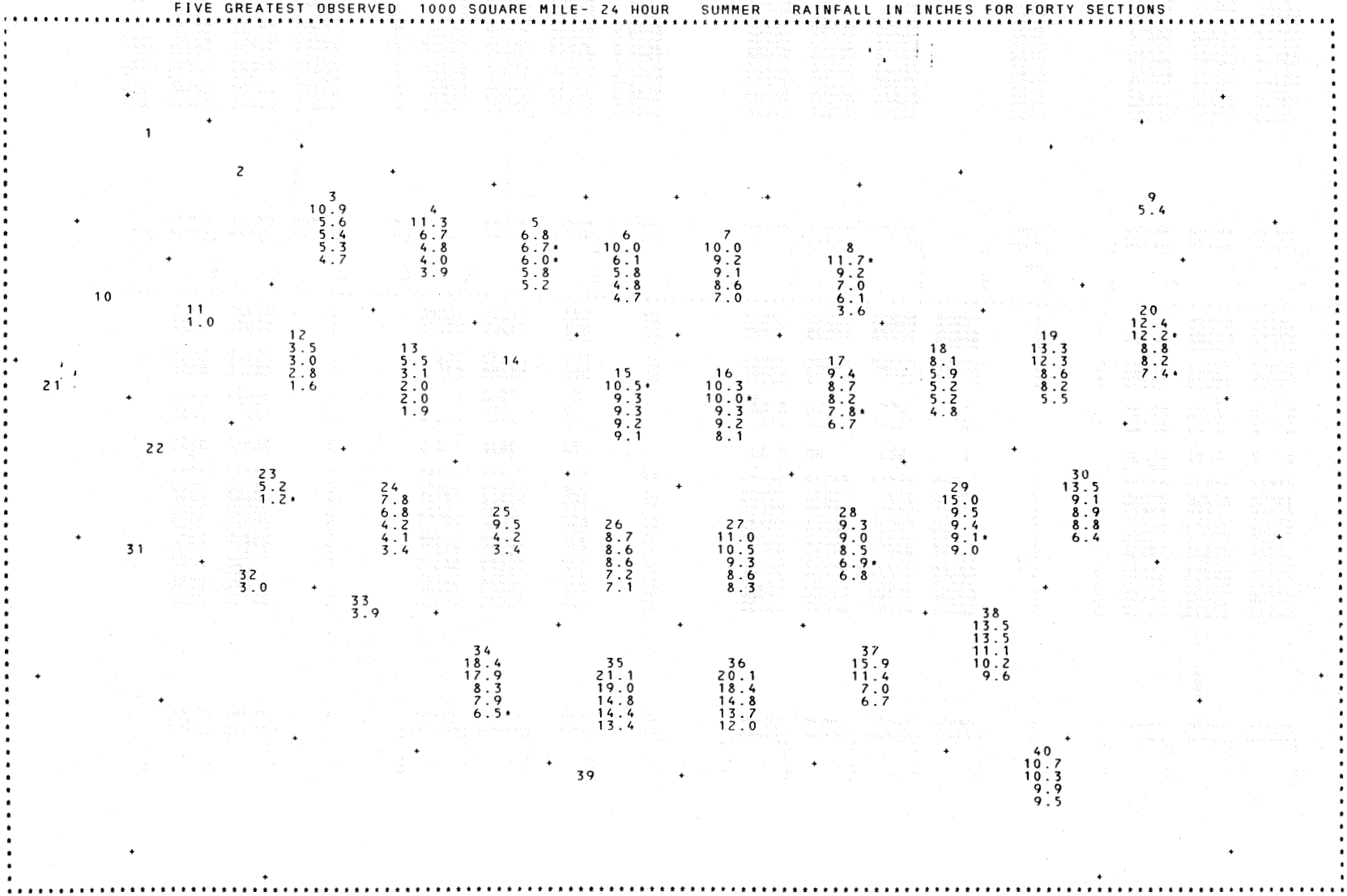
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)						
3(9)						
6.9		6/06/64-06/08/964	A	NP 2-23	4726	11241
3.7		6/16/48-06/17/948	H	-	4812	11230
3.6		6/19/16-06/22/916	R	-	4728	11146
3.4		6/01/53-06/04/953	H	-	4725	11050
3.0		6/03/08-06/06/908	A	MR 5-15	4711	11108
5(10)						
6.7		6/09/72-06/09/972	H	-	4412	10331
6.4		6/25/14-06/28/914	A	MR 4-14A	4629	10017
6.0		6/24/66-06/24/966	R	-	4721	10119
4.2(	1000- 6)	6/12/07-06/13/907	A	MR 4-10	4435	10320
3.7		6/06/29-06/07/929	A	MR 4-28	4657	10400
7(15)						
9.6		7/18/09-07/23/909	A	UMV 1-11	4627	9011
8.2		8/28/41-08/31/941	A	UMV 1-22	4600	9128
7.8		7/21/72-07/22/972	H	-	4610	9430
6.2		6/03/05-06/08/905	A	GL 2-12	4508	9020
5.9		7/24/92-07/28/892	A	UMV 1- 1	4504	9318
9(1)						
5.1		8/24/92-08/27/892	H	-	4427	7546
11(1)						
B 0.9		6/10/43-06/13/943	R	-	4140	11525
13(5)						
4.5		8/31/38-09/04/938	R	-	4025	10512
2.9		8/30/38-09/04/938	A	MR 5- 8	4023	10504
1.7		7/27/22-08/03/922	R	-	3945	10533
1.7		7/19/29-07/24/929	R	-	3913	10517
1.5		6/01/43-06/03/943	R	-	3933	10720
15(24)						
10.3		8/12/66-08/13/966	R	-	4133	9832
9.0		6/10/44-06/13/944	A	MR 6-15	4152	9703
8.9		6/04/96-06/07/896	A	MR 4- 3	4133	9832
8.9		6/03/40-06/04/940	A	MR 4- 5	4201	9653
8.3		7/22/11-07/23/911	R	-	4022	9654
17(10)						
8.4		6/27/57-06/28/957	H	-	3938	8742
7.8		7/08/51-07/09/951	H	-	4045	8849
7.3		7/12/57-07/13/957	H	-	4108	8753
6.4		6/29/38-07/01/938	A	GL 3-11	4235	8802
5.9		8/03/24-08/06/924	A	GL 2-22	4325	8811
19(24)						
10.3		7/17/42-07/18/942	A	OR 9-23	4150	7825
8.9		6/19/72-06/23/972	H	-	4204	7810
6.7		7/06/35-07/10/935	A	NA 1-27	4230	7653
6.6		8/20/33-08/24/933	A	NA 1-24B	3955	7645
4.8		7/01/90-07/05/890	H	-	4334	7526
21(0)						
23(2)						
3.8		8/26/51-08/30/951	H	-	3407	11221
B 1.0(	1108- 12)	8/17/45-08/19/945	R	-	3737	11430
25(3)						
5.6		6/13/65-06/20/965	H	-	3743	10223
3.6		6/02/32-06/06/932	A	SW 2- 7A	3828	10146
2.7		8/06/29-08/11/929	A	SW 2-27	3549	10456
27(20)						
10.4		6/14/57-06/15/957	H	-	3837	9024
9.6		8/27/47-08/28/947	A	SW 3- 7A	3414	9420
7.8		6/28/05-07/02/905	A	MR 1-16B	3407	9303
7.4		8/25/19-08/29/919	A	MR 2-22	3846	9344
6.6		8/12/46-08/15/946	A	MR 7- 2A	3840	9313
29(12)						
10.4		7/13/16-07/17/916	A	SA 2- 9	3553	8201
9.1		7/04/39-07/05/939	H	-	3813	8322
7.4		8/13/28-08/17/928	A	SA 2-13	3507	8238
6.7		8/30/40-08/31/940	H	-	3500	8306
6.3		8/23/08-08/28/908	A	SA 2- 6	3626	8028
31(0)						
33(1)						
2.9		7/21/05-07/25/905	A	GM 3-13	3256	10517
35(11)						
12.3		6/27/36-07/04/936	A	GM 5- 6	2924	9739
11.7		6/28/40-06/30/940	A	GM 5-11	2941	9701
11.6		6/05/43-06/07/943	A	SW 3- 3	3240	9536
11.0		8/30/32-09/05/932	A	GM 5-16A	3144	9610
10.8		6/27/99-07/01/899	A	GM 3- 4	3052	9632
37(4)						
13.0		7/05/16-07/10/916	A	GM 1-19	3049	8619
7.6		6/01/28-06/05/928	A	LMV 2-18	3155	8745
6.3		8/26/98-08/29/898	A	SA 3- 5	3012	8543
4.9		7/29/36-08/02/936	A	SA 3-22	3026	8502
39(0)						

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(0)						
4(9)						
9.6		6/17/21-06/21/921	A	MR 4-21	4718	10535
5.0		6/06/06-06/08/906	A	MR 5-13	4804	10939
3.7		6/14/44-06/18/944	R	-	4722	10814
3.4		6/11/37-06/13/937	A	MR 5-29	4730	10534
3.2		6/12/14-06/14/914	A	MR 5-20	4821	10753
6(5)						
9.6		7/18/09-07/23/909	A	UMV 1-11A	4721	9548
5.0		7/01/01-07/06/901	A	UMV 1- 8	4822	9620
4.2		7/18/97-07/22/897	A	UMV 1- 2	4747	9555
4.0		8/19/18-08/22/918	A	MR 4-16	4730	9719
3.5		6/25/14-06/28/914	A	MR 4-14B	4535	9555
8(5)						
10.8		7/04/69-07/05/969	H	-	4400	8200
6.0		7/19/12-07/24/912	A	GL 2-29	4511	8961
5.9		8/31/37-09/03/937	A	GL 3- 5	4517	8437
4.7		6/08/22-06/11/922	A	GL 2-21	4420	8812
2.9		7/01/00-07/06/900	A	UMV 1- 5	4457	8937
10(0)						
12(4)						
B 2.5		7/23/13-07/26/913	R	-	4235	11230
B 2.2		6/07/44-06/12/944	R	-	4345	11335
2.0		8/28/09-09/02/909	H	-	3930	11050
1.0		6/08/47-06/12/947	H	-	4109	11155
14(0)						
16(34)						
10.0		6/09/05-06/10/905	A	UMV 2- 5	4042	9148
8.7		8/24/03-08/28/903	A	MR 1-10	4057	9335
8.7		7/09/22-07/12/922	A	MR 2-29	4029	9425
7.8		7/16/68-07/17/968	H	-	4230	9219
6.8		7/01/58-07/02/958	H	-	4143	9456
18(11)						
7.8		8/06/35-08/07/935	A	OR 9-11	4016	8152
5.7		7/12/13-07/15/913	A	OR 3- 7	4003	8213
4.6		8/08/13-08/10/913	A	GL 3- 2	4336	8354
4.3		8/25/03-08/30/903	A	GL 1- 9	4119	8152
4.0		7/18/19-07/21/919	A	GL 4-15	4034	8234
20(15)						
11.3		8/19/39-08/19/939	A	NA 2- 3	3942	7416
9.2		8/17/55-08/20/955	A	NA 2-22A	4207	7245
7.4		8/13/19-08/14/919	A	NA 1-12	3936	7421
6.8		8/20/33-08/24/933	A	NA 1-24	4156	7423
5.6		7/12/97-07/14/897	A	NA 1- 6	4139	7253
22(0)						
24(12)						
7.1		6/02/21-06/06/921	A	SW 1-23	3827	10504
4.2		8/29/42-09/01/942	A	SW 2-29	3456	10506
3.9		6/06/13-06/12/913	A	SW 1-14	3556	10505
3.8		7/19/15-07/28/915	A	SW 1-18	3446	10620
1.5		7/27/29-08/07/929	R	-	3733	10749
26(12)						
8.3		6/02/32-06/06/932	A	SW 2- 7	3530	9654
7.5		7/12/27-07/15/927	A	SW 2- 5	3412	9708
7.3		8/15/32-08/17/932	A	SW 2- 8	3624	9754
6.5		6/04/16-06/06/916	A	MR 2-12	3653	9703
6.5		8/11/27-08/14/927	A	MR 3-13	3831	9912
28(8)						
8.6		6/22/69-06/23/969	H	-	3644	8613
7.0		8/12/46-08/16/946	A	MR 7- 2B	3840	8959
6.9(	1000- 6)	8/11/52-08/12/952	A	UMV 3-30	3712	8933
6.8		6/20/35-06/21/935	A	OR 5- 5	3712	8712
4.8		7/28/38-08/02/938	A	OR 5- 9	3647	8835
30(13)						
13.5		8/19/69-08/20/969	A	NA 2-23	3749	7900
6.7		8/10/28-08/13/928	A	NA 1-18	3844	7651
6.5		8/10/40-08/17/940	A	SA 5-19A	3703	7830
6.0		7/26/97-07/29/897	A	NA 1- 7	3846	7634
5.9		8/10/55-08/15/955	A	NA 2-21B	3507	7703
32(1)						
2.9		8/19/54-08/20/954	H	-	3323	11124
34(6)						
13.6		6/23/48-06/24/948	H	-	2922	10037
9.7		6/23/54-06/28/954	A	SW 3-22	3022	10123
7.8		8/04/06-08/06/906	A	GM 3-14	3117	10048
6.5		7/19/38-07/25/938	A	GM 5-10	3046	10044
6.5(	1000- 6)	6/19/39-06/20/939	H	-	3244	10055
36(11)						
15.8		6/13/86-06/17/886	A	LMV 4-27	3119	9233
10.9		8/06/40-08/09/940	A	LMV 4-24	2945	9210
9.8		8/12/38-08/15/938	A	LMV 4-23	3020	9245
9.7		7/22/33-07/27/933	A	LMV 2-26	3158	9400
8.5		7/27/43-07/29/943	A	GM 5-21	3002	9435
38(6)						
11.9		8/28/11-08/31/911	A	SA 3-11	3030	8202
9.4		8/26/93-08/28/893	A	SA 2- 1	3341	8012
9.2		7/13/16-07/17/916	A	SA 2- 9A	3340	7949
8.3		8/30/98-09/03/898	A	SA 3- 6	3223	8042
7.4		7/27/87-07/31/887	A	SA 3- 1	3337	8304
40(3)						
9.0		8/01/15-08/03/915	A	SA 4-15	2747	8238
7.3		8/07/28-08/12/928	A	SA 4-24	2814	8117
7.2		6/12/34-06/16/934	A	SA 5- 1	2821	8217

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS



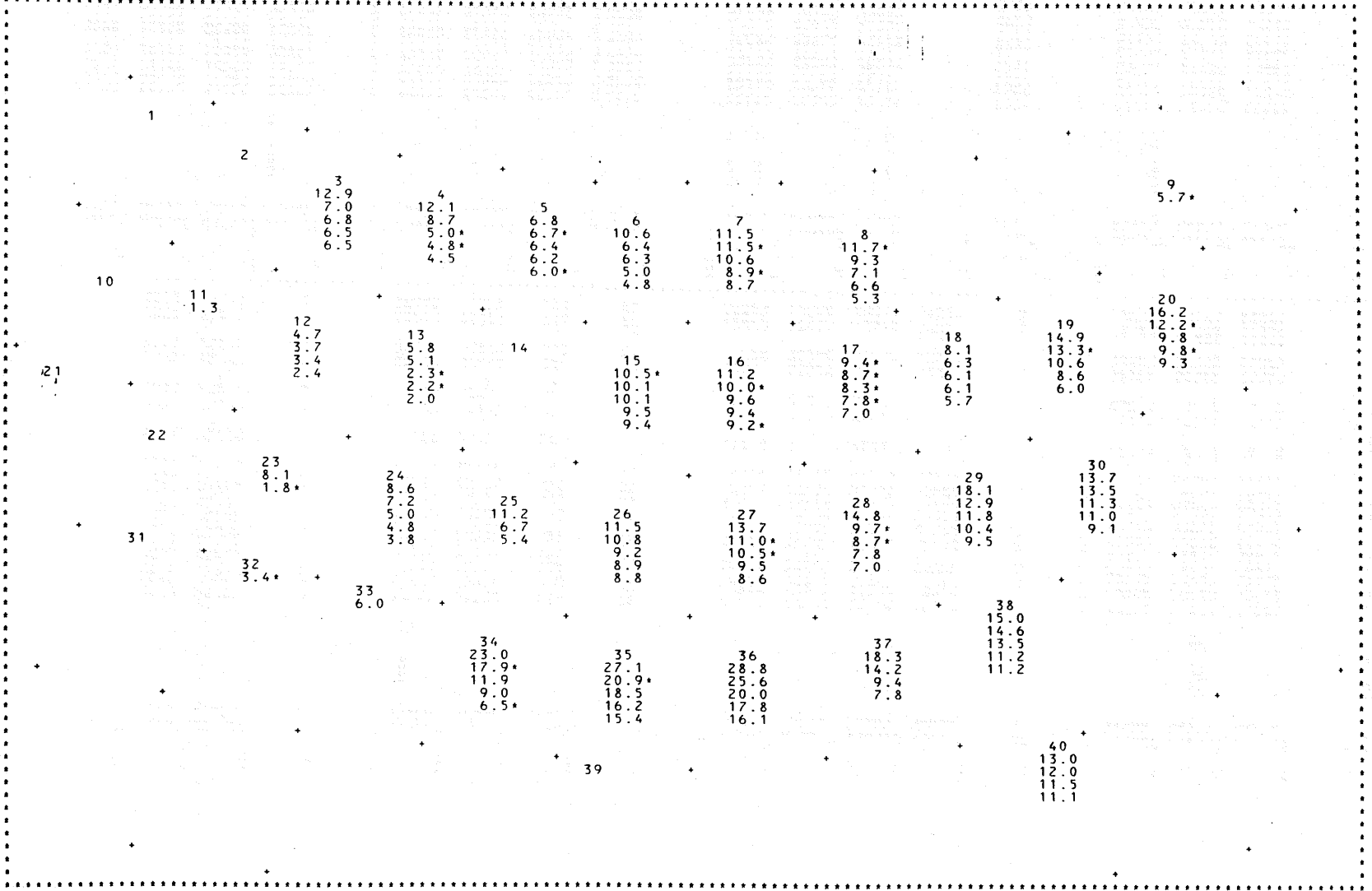
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(0)								
3(9)	10.9		6/06/64-06/08/964	A	NP	2-23	4726	11241
	5.6		6/16/43-06/17/943	H		-	4812	11230
	5.4		6/01/53-06/04/953	H		-	4725	11050
	5.3		6/03/08-06/06/908	A	MR	5-15	4711	11108
	4.7		6/19/16-06/22/916	R		-	4728	11146
5(10)	6.8		6/25/14-06/28/914	A	MR	4-14A	4629	10017
	6.7(1000- 12)		6/09/72-06/09/972	H		-	4412	10331
	6.0(1000- 12)		6/24/66-06/24/966	R		-	4721	10119
	5.8		7/05/28-07/08/928	A	UMV	1-18	4820	10140
	5.2		6/26/44-06/27/944	R		-	4900	10233
7(15)	10.0		7/18/09-07/23/909	A	UMV	1-11	4627	9011
	9.2		7/21/72-07/22/972	H		-	4610	9430
	9.1		8/28/41-08/31/941	A	UMV	1-22	4600	9128
	8.6		7/25/97-07/27/897	A	GL	4- 5	4600	9030
	7.0		6/03/05-06/08/905	A	GL	2-12	4508	9020
9(1)	5.4		8/24/92-08/27/892	H		-	4427	7546
11(1) B 1.0			6/10/43-06/13/943	R		-	4140	11525
13(5)	5.5		8/31/38-09/04/938	R		-	4025	10512
	3.1		8/30/38-09/04/938	A	MR	5- 8	4023	10504
	2.0		7/27/22-08/03/922	R		-	3945	10533
	2.0		6/01/43-06/03/943	R		-	3933	10720
	1.9		7/19/29-07/24/929	R		-	3913	10517
15(24)	10.5(1000- 17)		8/12/66-08/13/966	R		-	4133	9832
	9.3		6/10/44-06/13/944	A	MR	6-15	4152	9703
	9.3		6/23/91-06/27/891	A	MR	4- 2	4252	9530
	9.2		6/04/96-06/07/896	A	MR	4- 3	4133	9832
	9.1		7/14/00-07/17/900	A	MR	1- 5	4305	9538
17(10)	9.4		6/27/57-06/28/957	H		-	3938	8742
	8.7		7/12/57-07/13/957	H		-	4108	8753
	8.2		6/29/38-07/01/938	A	GL	3-11	4235	8802
	7.8(1000- 12)		7/08/51-07/09/951	H		-	4045	8849
	6.7		8/03/24-08/06/924	A	GL	2-22	4325	8811
19(24)	13.3		7/17/42-07/18/942	A	OR	9-23	4150	7825
	12.3		6/19/72-06/23/972	H		-	4204	7810
	8.6		7/06/35-07/10/935	A	NA	1-27	4230	7653
	8.2		8/20/33-08/24/933	A	NA	1-24B	3955	7645
	5.5		7/22/27-07/23/927	A	NA	1-16A	4034	7643
21(0)								
23(2)	5.2		8/26/51-08/30/951	H		-	3407	11221
B 1.2(1108- 24)			8/17/45-08/19/945	R		-	3737	11430
25(3)	9.5		6/13/65-06/20/965	H		-	3743	10223
	4.2		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
	3.4		8/06/29-08/11/929	A	SW	2-27	3549	10456
27(20)	11.0		6/14/57-06/15/957	H		-	3837	9024
	10.5		8/27/47-08/28/947	A	SW	3- 7A	3414	9420
	9.3		8/25/19-08/29/919	A	MR	2-22	3846	9344
	8.6		6/28/05-07/02/905	A	MR	1-16B	3407	9303
	8.3		8/12/46-08/15/946	A	MR	7- 2A	3840	9313
29(14)	15.0		7/13/16-07/17/916	A	SA	2- 9	3553	8201
	9.5		8/23/08-08/28/908	A	SA	2- 6	3626	8028
	9.4		8/13/28-08/17/928	A	SA	2-13	3507	8238
	9.1(1000- 12)		7/04/39-07/05/939	H		-	3813	8322
	9.0		8/30/40-08/31/940	H		-	3500	8306
31(0)								
33(1)	3.9		7/21/05-07/25/905	A	GM	3-13	3256	10517
35(11)	21.1		6/27/99-07/01/899	A	GM	3- 4	3052	9632
	19.0		6/30/32-07/02/932	A	GM	5- 1	3001	9907
	14.8		8/30/32-09/05/932	A	GM	5-16A	3144	9610
	14.4		6/28/40-06/30/940	A	GM	5-11	2941	9701
	13.4		6/27/36-07/04/936	A	GM	5- 6	2924	9739
37(4)	15.9		7/05/16-07/10/916	A	GM	1-19	3049	8619
	11.4		6/01/28-06/05/928	A	LMV	2-18	3155	8745
	7.0		8/26/98-08/29/898	A	SA	3- 5	3012	8543
	6.7		7/29/36-08/02/936	A	SA	3-22	3026	8502
39(0)								

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(0)								
4(9)	11.3		6/17/21-06/21/921	A	MR	4-21	4718	10535
	6.7		6/06/06-06/08/906	A	MR	5-13	4804	10939
	4.8		6/07/10-06/08/910	A	MR	5-17	4639	10918
	4.0		6/11/37-06/13/937	A	MR	5-29	4730	10534
	3.9		6/14/44-06/18/944	R		-	4722	10814
6(5)	10.0		7/18/09-07/23/909	A	UMV	1-11A	4721	9548
	6.1		7/01/01-07/06/901	A	UMV	1- 8	4822	9620
	5.8		7/18/97-07/22/897	A	UMV	1- 2	4747	9555
	4.8		8/19/18-08/22/918	A	MR	4-16	4730	9719
	4.7		6/25/14-06/28/914	A	MR	4-14B	4535	9555
8(5)	11.7(1000- 18)		7/04/69-07/05/969	H		-	4400	8200
	9.2		7/19/12-07/24/912	A	GL	2-29	4511	8941
	7.0		8/31/37-09/03/937	A	GL	3- 5	4517	8437
	6.1		6/08/22-06/11/922	A	GL	2-21	4420	8812
	3.6		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
10(0)								
12(4) B 3.5			6/07/44-06/12/944	R		-	4345	11335
	3.0		8/28/09-09/02/909	H		-	3930	11050
B 2.8			7/23/13-07/26/913	R		-	4235	11230
	1.6		6/08/47-06/12/947	H		-	4109	11155
14(0)								
16(34)	10.3		8/24/03-08/28/903	A	MR	1-10	4057	9335
	10.0(1000- 12)		6/09/05-06/10/905	A	UMV	2- 5	4042	9148
	9.3		7/09/22-07/12/922	A	MR	2-29	4029	9425
	9.2		7/16/68-07/17/968	H		-	4230	9219
	8.1		6/28/33-06/29/933	A	UMV	2-15	4022	9201
18(11)	8.1		8/06/35-08/07/935	A	OR	9-11	4016	8152
	5.9		7/12/13-07/15/913	A	OR	3- 7	4003	8213
	5.2		7/25/75-08/03/875	A	OR	4- 1	4039	8339
	5.2		8/25/03-08/30/903	A	GL	1- 9	4119	8152
	4.8		7/18/19-07/21/919	A	GL	4-15	4034	8234
20(15)	12.4		8/17/55-08/20/955	A	NA	2-22A	4207	7245
	12.2(1000- 18)		8/19/39-08/19/939	A	NA	2- 3	3942	7416
	8.8		8/13/19-08/14/919	A	NA	1-12	3936	7421
	8.2		8/20/33-08/24/933	A	NA	1-24	4156	7423
	7.4(1000- 18)		8/26/71-08/28/971	H		-	4004	7440
22(0)								
24(13)	7.8		6/02/21-06/06/921	A	SW	1-23	3827	10504
	6.8		8/29/42-09/01/942	A	SW	2-29	3456	10506
	4.2		6/06/13-06/12/913	A	SW	1-14	3556	10505
	4.1		7/19/15-07/28/915	A	SW	1-18	3446	10620
	3.4		8/01/68-08/01/968	H		-	3749	10923
26(12)	8.7		6/02/32-06/06/932	A	SW	2- 7	3530	9654
	8.6		7/12/27-07/15/927	A	SW	2- 5	3412	9708
	8.6		8/15/32-08/17/932	A	SW	2- 8	3624	9754
	7.2		6/01/04-06/05/904	A	SW	1- 5	3451	9533
	7.1		6/04/16-06/06/916	A	MR	2-12	3653	9703
28(8)	9.3		6/22/69-06/23/969	H		-	3644	8613
	9.0		8/12/46-08/16/946	A	MR	7- 2B	3840	8959
	8.5		6/20/35-06/21/935	A	OR	5- 5	3712	8712
	6.9(1000- 6)		8/11/52-08/12/952	A	UMV	3-30	3712	8933
	6.8		8/17/15-08/20/915	H		-	3849	8957
30(13)	13.5		8/19/69-08/20/969	A	NA	2-23	3749	7900
	9.1		8/10/40-08/17/940	A	SA	5-19A	3703	7830
	8.9		8/10/55-08/15/955	A	NA	2-21B	3507	7703
	8.8		8/10/28-08/13/928	A	NA	1-18	3844	7651
	6.4		8/03/94-08/06/894	A	SA	2- 2	3542	7732
32(1)	3.0		8/19/54-08/20/954	H		-	3323	11124
34(6)	18.4		6/23/54-06/28/954	A	SW	3-22	3022	10123
	17.9		6/23/48-06/24/948	H		-	2922	10037
	8.3		8/04/06-08/06/906	A	GM	3-14	3117	10048
	7.9		7/19/38-07/25/938	A	GM	5-10	3046	10044
	6.5(1000- 6)		6/19/39-06/20/939	H		-	3244	10055
36(11)	20.1		6/13/86-06/17/886	A	LMV	4-27	3119	9233
	18.4		8/06/40-08/09/940	A	LMV	4-24	2945	9210
	14.8		7/22/33-07/27/933	A	LMV	2-26	3158	9400
	13.7		7/27/43-07/29/943	A	GM	5-21	3002	9435
	12.0		8/12/38-08/15/938	A	LMV	4-23	3020	9245
38(6)	13.5		8/28/11-08/31/911	A	SA	3-11	3030	8202
	13.5		7/13/16-07/17/916	A	SA	2- 9A	3340	7949
	11.1		8/26/93-08/28/893	A	SA	2- 1	3341	8012
	10.2		8/10/40-08/17/940	A	SA	5-19D	3223	8043
	9.6		8/30/98-09/03/898	A	SA	3- 6	3223	8042
40(4)	10.7		8/01/15-08/03/915	A	SA	4-15	2747	8238
	10.3		6/29/09-07/03/909	H		-	2808	8247
	9.9		6/12/34-06/16/934	A	SA	5- 1	2821	8217
	9.5		8/07/28-08/12/928	A	SA	4-24	2814	8117

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

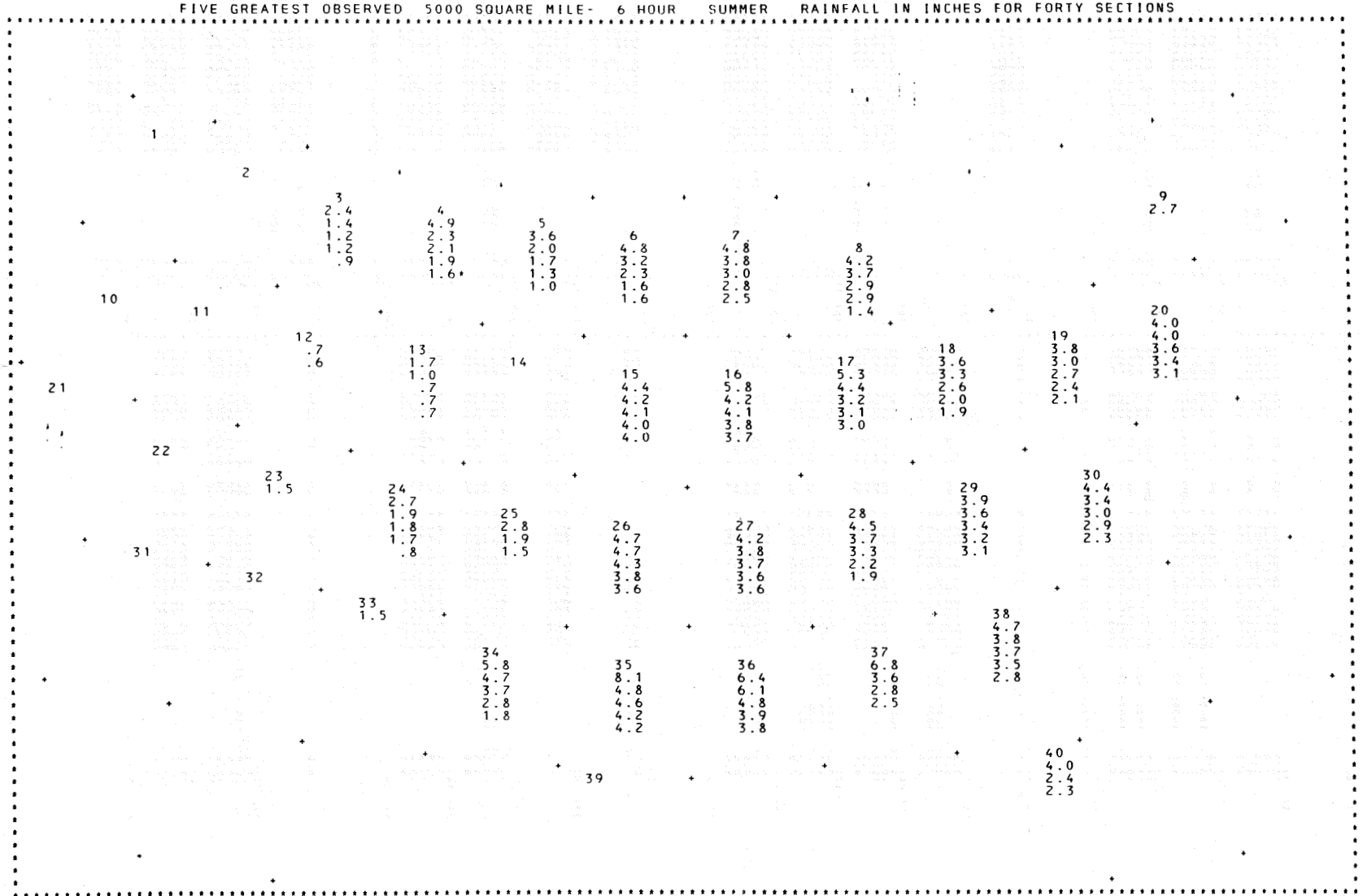


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	0)							
2(	0)							
3(	9)							
	12.9		6/06/64-06/08/964	A	NP	2-23	4726	11241
	7.0		6/16/48-06/17/968	H		-	4812	11230
	6.8		6/01/53-06/04/953	H		-	4725	11050
	6.5		6/03/08-06/06/908	A	MR	5-15	4711	11108
	6.5		6/19/16-06/22/916	R		-	4728	11146
4(	9)							
	12.1		6/17/21-06/21/921	A	MR	4-21	4718	10535
	8.7		6/06/06-06/08/906	A	MR	5-13	4804	10939
	5.0(	1000- 30)	6/07/10-06/08/910	A	MR	5-17	4639	10918
	4.8(	1000- 42)	7/14/18-07/15/918	A	MR	5-23	4650	10905
	4.5		6/14/44-06/18/944	R		-	4722	10814
5(	10)							
	6.8		6/25/14-06/28/914	A	MR	4-14A	4629	10017
	6.7(	1000- 12)	6/09/72-06/09/972	H		-	4412	10331
	6.4		6/26/44-06/27/944	R		-	4900	10233
	6.2		7/05/28-07/08/928	A	UMV	1-18	4820	10140
	6.0(	1000- 12)	6/24/66-06/24/966	R		-	4721	10119
6(	5)							
	10.6		7/18/09-07/23/909	A	UMV	1-11A	4721	9568
	6.4		7/01/01-07/06/901	A	UMV	1- 8	4822	9620
	6.3		7/18/97-07/22/897	A	UMV	1- 2	4747	9555
	5.0		8/19/18-08/22/918	A	MR	4-16	4730	9719
	4.8		6/25/14-06/28/914	A	MR	4-14B	4535	9555
7(	15)							
	11.5		8/28/41-08/31/941	A	UMV	1-22	4600	9128
	11.5(	1000- 45)	7/21/72-07/22/972	H		-	4610	9430
	10.6		7/18/09-07/23/909	A	UMV	1-11	4627	9011
	8.9(	1000- 36)	7/25/97-07/27/897	A	GL	4- 5	4600	9035
	8.7		6/03/05-06/08/905	A	GL	2-12	4508	9020
8(	5)							
	11.7(	1000- 18)	7/04/69-07/05/969	H		-	4400	8200
	9.3		7/19/12-07/24/912	A	GL	2-29	4511	8941
	7.1		8/31/37-09/03/937	A	GL	3- 5	4517	8437
	6.6		6/08/22-06/11/922	A	GL	2-21	4420	8812
	5.3		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
9(	1)							
	5.7(	1000- 36)	8/24/92-08/27/892	H		-	4427	7546
10(	0)							
11(	1)							
B	1.3		6/10/43-06/13/943	R		-	4140	11525
12(	4)							
B	4.7		7/23/13-07/26/913	R		-	4235	11230
B	3.7		6/07/44-06/12/944	R		-	4345	11335
	3.4		8/28/09-09/02/909	H		-	3930	11050
	2.4		6/08/47-06/12/947	H		-	4109	11155
13(	5)							
	5.8		8/31/38-09/04/938	R		-	4025	10512
	5.1		8/30/38-09/04/938	A	MR	5- 8	4023	10504
	2.3(	1000- 36)	7/27/22-08/03/922	R		-	3945	10533
	2.2(	1000- 42)	6/01/43-06/03/943	R		-	3933	10720
	2.0		7/19/29-07/24/929	R		-	3913	10517
14(	0)							
15(	24)							
	10.5(	1000- 17)	8/12/66-08/13/966	R		-	4133	9832
	10.1		6/10/44-06/13/944	A	MR	6-15	4152	9703
	10.1	-	7/14/00-07/17/900	A	MR	1- 5	4305	9538
	9.5	-	6/23/91-06/27/891	A	MR	4- 2	4252	9530
	9.4		6/04/96-06/07/896	A	MR	4- 3	4133	9832
16(	34)							
	11.2		8/24/03-08/28/903	A	MR	1-10	4057	9335
	10.0(	1000- 12)	6/09/05-06/10/905	A	UMV	2- 5	4042	9148
	9.6		7/09/22-07/12/922	A	MR	2-29	4029	9425
	9.4		7/04/09-07/07/909	A	UMV	2- 8	4015	9402
	9.2(	1000- 24)	7/16/68-07/17/968	H		-	4230	9219
17(	10)							
	9.4(	1000- 24)	6/27/57-06/28/957	H		-	3938	8742
	8.7(	1000- 24)	7/12/57-07/13/957	H		-	4108	8753
	8.3(	1000- 42)	6/29/38-07/01/938	A	GL	3-11	4235	8802
	7.8(	1000- 12)	7/08/51-07/09/951	H		-	4045	8849
	7.0		8/03/24-08/06/924	A	GL	2-22	4325	8811
18(	11)							
	8.1		8/06/35-08/07/935	A	OR	9-11	4016	8152
	6.3		7/23/75-08/03/875	A	OR	4- 1	4039	8339
	6.1		8/08/13-08/10/913	A	GL	3- 2	4336	8354
	6.1		7/12/13-07/15/913	A	OR	3- 7	4003	8213
	5.7		8/25/03-08/30/903	A	GL	1- 9	4119	8152
19(	24)							
	14.9		6/19/72-06/23/972	H		-	4204	7810
	13.3(	1000- 24)	7/17/42-07/18/942	A	OR	9-23	4150	7825
	10.6		7/06/35-07/10/935	A	NA	1-27	4230	7653
	8.6		8/20/33-08/24/933	A	NA	1-24B	3955	7645
	6.0		8/03/98-08/05/898	A	SA	1- 4	4048	7617
20(	15)							
	16.2		8/17/55-08/20/955	A	NA	2-22A	4207	7245
	12.2(	1000- 18)	8/19/39-08/19/939	A	NA	2- 3	3942	7416
	9.8		8/11/55-08/15/955	A	NA	2-21A	4201	7425
	9.8(	1000- 30)	8/26/71-08/28/971	H		-	4004	7440
	9.3		8/20/33-08/24/933	A	NA	1-24	4156	7423
21(	0)							
22(	0)							
23(	2)							
	8.1		8/26/51-08/30/951	H		-	3407	11221
B	1.8(	1108- 42)	8/17/45-08/19/945	R		-	3737	11430
24(	13)							
	8.6		6/02/21-06/06/921	A	SW	1-23	3827	10504
	7.2		8/29/42-09/01/942	A	SW	2-29	3456	10506
	5.0		7/19/15-07/28/915	A	SW	1-18	3446	10620
	4.8		6/06/13-06/12/913	A	SW	1-14	3556	10505
	3.8		6/26/27-06/29/927	R		-	3730	10710
25(	3)							
	11.2		6/13/65-06/20/965	H		-	3743	10223
	6.7		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
	5.4		8/06/29-08/11/929	A	SW	2-27	3549	10456
26(	12)							
	11.5		7/09/51-07/13/951	A	MR	10- 2	3840	9630
	10.8		6/01/04-06/05/904	A	SW	1- 5	3451	9533
	9.2		8/15/32-08/17/932	A	SW	2- 8	3624	9754
	8.9		6/02/32-06/06/932	A	SW	2- 7	3530	9654
	8.8		7/12/27-07/15/927	A	SW	2- 5	3412	9708
27(	20)							
	13.7		8/12/46-08/15/946	A	MR	7- 2A	3840	9313
	11.0(	1000- 24)	6/14/57-06/15/957	H		-	3837	9024
	10.5(	1000- 24)	8/27/47-08/28/947	A	SW	3- 7A	3414	9420
	9.5		8/25/19-08/29/919	A	MR	2-22	3846	9344
	8.6		6/28/05-07/02/905	A	MR	1-16B	3407	9303
28(	9)							
	14.8		8/12/46-08/16/946	A	MR	7- 2B	3840	8959
	9.7(	1000- 30)	6/22/69-06/23/969	H		-	3644	8613
	8.7(	1000- 42)	6/20/35-06/21/935	A	OR	5- 5	3712	8712
	7.8		8/17/15-08/20/915	H		-	3849	8957
	7.0		7/28/38-08/02/938	A	OR	5- 9	3647	8835
29(	14)							
	18.1		7/13/16-07/17/916	A	SA	2- 9	3553	8201
	12.9		8/23/08-08/28/908	A	SA	2- 6	3626	8028
	11.8		8/10/40-08/17/940	A	SA	5-19B	3545	8205
	10.4		8/13/28-08/17/928	A	SA	2-13	3507	8238
	9.5		8/30/40-08/31/940	H		-	3500	8306
30(	13)							
	13.7		8/10/40-08/17/940	A	SA	5-19A	3703	7830
	13.5		8/19/69-08/20/969	A	NA	2-23	3749	7900
	11.3		8/10/55-08/15/955	A	NA	2-21B	3507	7703
	11.0		8/10/28-08/13/928	A	NA	1-18	3844	7651
	9.1		8/03/94-08/06/894	A	SA	2- 2	3542	7732
31(	0)							
32(	1)							
	3.4(	1000- 36)	8/19/54-08/20/954	H		-	3323	11124
33(	1)							
	6.0		7/21/05-07/25/905	A	GM	3-13	3256	10517
34(	6)							
	23.0		6/23/54-06/28/954	A	SW	3-22	3022	10123
	17.9(	1000- 24)	6/23/48-06/24/948	H		-	2922	10037
	11.9		7/19/38-07/25/938	A	GM	5-10	3046	10044
	9.0		8/04/06-08/06/906	A	GM	3-14	3117	10048
	6.5(	1000- 6)	6/19/39-06/20/939	H		-	3244	10055
35(	11)							
	27.1		6/27/99-07/01/899	A	GM	3- 4	3052	9632
	20.9(	1000- 42)	6/30/32-07/02/932	A	GM	5- 1	3001	9907
	18.5		6/28/40-06/30/940	A	GM	5-11	2941	9701
	16.2		8/26/45-08/29/945	A	GM	5-23	3002	9551
	15.4		6/27/36-07/04/936	A	GM	5- 6	2924	9739
36(	11)							
	28.8		8/06/40-08/09/940	A	LMV	4-24	2945	9210
	25.6		6/13/86-06/17/886	A	LMV	4-27	3119	9233
	20.0		7/27/43-07/29/943	A	GM	5-21	3002	9435
	17.8		7/22/33-07/27/933	A	LMV	2-26	3158	9400
	16.1		8/16/15-08/21/915	A	LMV	1-10	3131	9407
37(	4)							
	18.3		7/05/16-07/10/916	A	GM	1-19	3049	8619
	14.2		6/01/28-06/05/928	A	LMV	2-18	3155	8745
	9.4		8/26/98-08/29/898	A	SA	3- 5	3012	8543
	7.8		7/29/36-08/02/936	A	SA	3-22	3026	8502
38(	6)							
	15.0		7/13/16-07/17/916	A	SA	2- 9A	3340	7949
	14.6		8/28/11-08/31/911	A	SA	3-11	3030	8202
	13.5		7/27/87-07/31/887	A	SA	3- 1	3337	8304
	11.2		8/26/93-08/28/893	A	SA	2- 1	3341	8012
	11.2		8/30/98-09/03/898	A	SA	3- 6	3223	8042
39(	0)							
40(	4)							
	13.0		6/29/09-07/03/909	H		-	2808	8247
	12.0		8/01/15-08/03/915	A	SA	4-15	2747	8238
	11.5		6/12/34-06/16/934	A	SA	5- 1	2821	8217
	11.1		8/07/28-08/12/928	A	SA	4-24	2814	8117

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

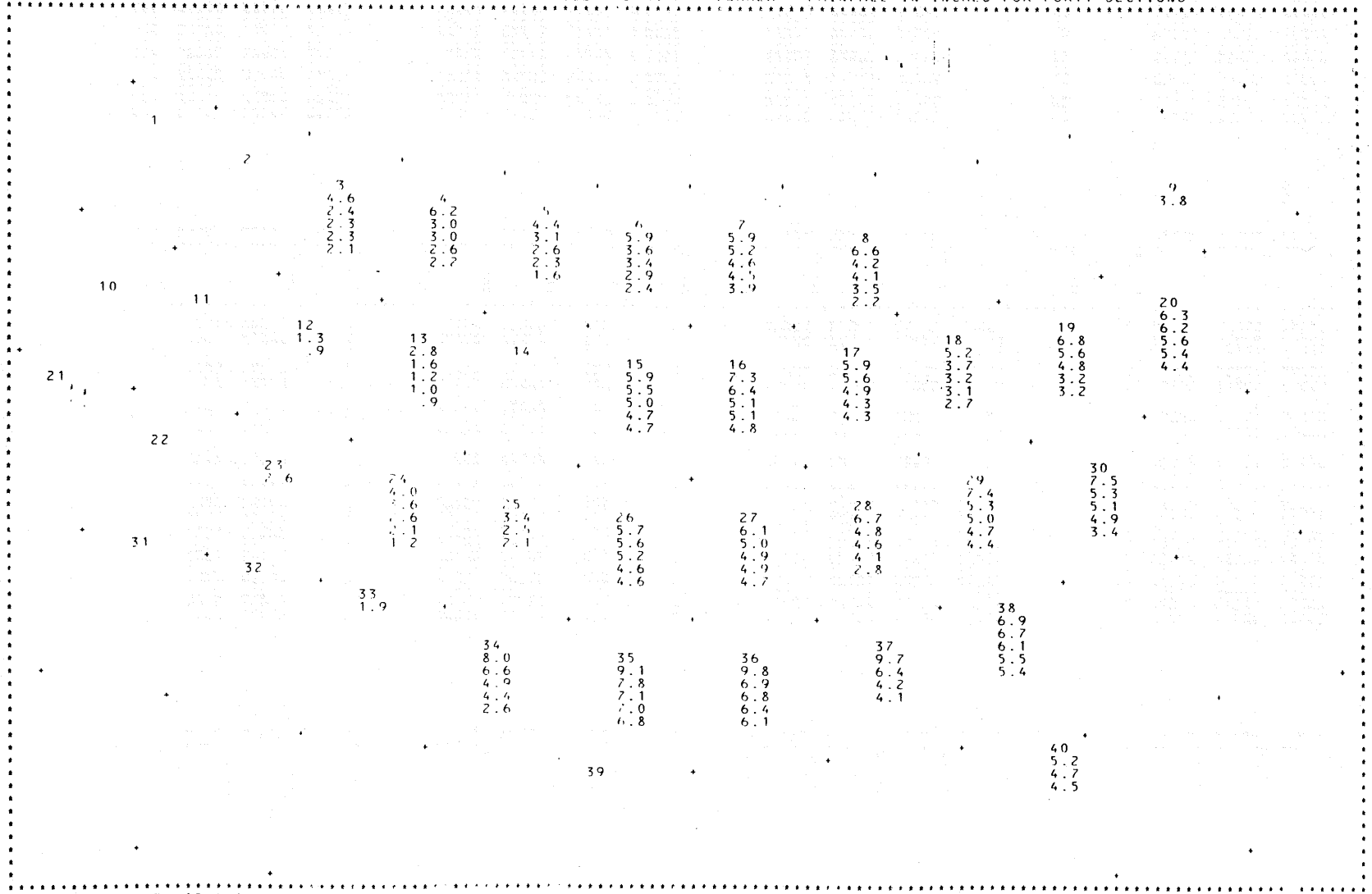


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)					
2(0)					
3(6)					
2.4		6/06/64-06/08/964 A	NP 2-23	4726	11241
1.4		6/21/07-06/23/907 A	MR 5-14	4749	11210
1.2		6/03/08-06/06/908 A	MR 5-15	4711	11108
1.2		6/19/16-06/22/916 R	-	4728	11146
0.9		6/29/98-07/01/898 A	MR 5- 9	4700	11140
4(9)					
4.9		6/17/21-06/21/921 A	MR 4-21	4718	10855
2.3		6/14/44-06/18/944 R	-	4722	10814
2.1		6/06/06-06/08/906 A	MR 5-13	4804	10939
1.9		6/07/10-06/08/910 A	MR 5-17	4639	10918
1.6(	6000- 6)	6/12/14-06/14/914 A	MR 5-20	4821	10753
5(6)					
3.6		6/25/14-06/28/914 A	MR 4-14A	4629	10017
2.0		7/05/28-07/08/928 A	UMV 1-18	4820	10140
1.7		6/26/44-06/27/944 R	-	4900	10233
1.3		8/10/47-08/13/947 H	-	4847	10433
1.0		6/02/44-06/05/944 R	-	4456	10411
6(5)					
4.8		7/18/09-07/23/909 A	UMV 1-11A	4721	9548
3.2		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
2.3		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
1.6		6/25/14-06/28/914 A	MR 4-14B	4535	9555
1.6		8/19/18-08/22/918 A	MR 4-16	4730	9719
7(13)					
4.8		7/18/09-07/23/909 A	UMV 1-11	4627	9011
3.8		6/03/05-06/08/905 A	GL 2-12	4508	9020
3.0		8/28/41-08/31/941 A	UMV 1-22	4600	9128
2.8		6/02/98-06/06/898 A	UMV 1- 3	4641	9407
2.5		7/13/16-07/17/916 A	UMV 1-16	4419	9428
8(5)					
4.2		7/04/69-07/05/969 H	-	4400	8200
3.7		8/31/37-09/03/937 A	GL 3- 5	4517	8437
2.9		7/19/12-07/24/912 A	GL 2-29	4511	8941
2.9		6/08/22-06/11/922 A	GL 2-21	4420	8812
1.4		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
9(1)					
2.7		8/24/92-08/27/892 H	-	4427	7546
10(0)					
11(0)					
12(2)					
0.7		8/28/09-09/02/909 H	-	3930	11050
0.6		6/08/47-06/12/947 H	-	4109	11155
13(5)					
1.7		8/31/38-09/04/938 R	-	4025	10512
1.0		8/30/38-09/04/938 A	MR 5- 8	4023	10504
0.7		7/27/22-08/03/922 R	-	3945	10533
0.7		6/01/43-06/03/943 R	-	3933	10720
0.7		7/19/29-07/24/929 R	-	3913	10517
14(0)					
15(20)					
4.4		6/07/53-06/07/953 H	-	4315	9548
4.2		6/03/40-06/04/940 A	MR - 5	4201	9653
4.1		7/28/28-07/30/928 A	MR 3-18	3901	9953
4.0		7/13/07-07/16/907 A	MR 1-23	4020	9541
4.0		6/04/96-06/07/896 A	MR 4- 3	4133	9832
16(31)					
5.8		6/09/05-06/10/905 A	UMV 2- 5	4042	9148
4.2		7/09/22-07/12/922 A	MR 2-29	4029	9425
4.1		8/01/29-08/02/929 A	UMV 2-17	4200	9234
3.8		7/15/50-07/16/950 A	UMV 3-28	4252	9021
3.7		7/11/15-07/16/915 A	MR 2- 9	4021	9452
17(8)					
5.3		7/08/51-07/09/951 H	-	4045	8849
4.4		6/27/57-06/28/957 H	-	3938	8742
3.2		7/12/57-07/13/957 H	-	4108	8753
3.1		8/03/24-08/06/924 A	GL 2-22	4325	8811
3.0		6/29/38-07/01/938 A	GL 3-11	4235	8802
18(3)					
3.6		8/06/35-08/07/935 A	OR 9-11	4016	8152
3.3		7/12/13-07/15/913 A	OR 3- 7	4003	8213
2.6		8/08/13-08/10/913 A	GL 3- 2	4336	8354
2.0		8/25/03-08/30/903 A	GL 1- 9	4119	8152
1.9		6/24/24-06/29/924 A	GL 1-20	4117	8236
19(16)					
3.8		6/19/72-06/23/972 H	-	4204	7810
3.0		8/20/33-08/24/933 A	NA 1-24B	3955	7645
2.7		7/06/35-07/10/935 A	NA 1-27	4230	7653
2.4		8/21/15-08/22/915 A	SA 1- 7	4045	7620
2.1		8/03/98-08/05/898 A	SA 1- 4	4048	7617
20(13)					
4.0		8/19/39-08/19/939 A	NA 2- 3	3942	7416
4.0		8/17/55-08/20/955 A	NA [illegible]	[illegible]	7245
3.6		8/26/71-08/28/971 H	-	4004	7446
3.4		8/13/19-08/14/919 A	NA 1-12	3936	7421
3.1		8/20/33-08/24/933 A	NA 1-24	4156	7423
21(0)					
22(0)					
23(1)					
1.5		8/26/51-08/30/951 H	-	3407	11221
24(12)					
2.7		6/02/21-06/06/921 A	SW 1-23	3827	10504
1.9		8/29/42-09/01/942 A	SW 2-29	3456	10506
1.8		6/06/13-06/12/913 A	SW 1-14	3556	10505
1.7		7/19/15-07/28/915 A	SW 1-18	3446	10620
0.8		6/26/27-06/29/927 R	-	3730	10710
25(3)					
2.8		6/13/65-06/20/965 H	-	3753	10223
1.9		6/02/32-06/06/932 A	SW 2- 7A	3828	10146
1.5		8/06/29-08/11/929 A	SW 2-27	3549	10456
26(12)					
4.7		6/01/04-06/05/904 A	SW 1- 5	3451	9533
4.7		7/12/27-07/15/927 A	SW 2- 5	3412	9708
4.3		8/11/27-08/14/927 A	MR 3-13	3831	9912
3.8		6/02/32-06/06/932 A	SW 2- 7	3530	9654
3.6		7/18/05-07/21/905 A	SW 1- 7	3451	9533
27(19)					
4.2		8/27/47-08/28/947 A	SW 3- 7A	3414	9420
3.8		8/07/27-08/08/927 A	MR 3-12	3748	9349
3.7		8/22/06-08/26/906 A	MR 1-21A	3815	9321
3.6		6/28/05-07/02/905 A	MR 1-16B	3407	9303
3.6		7/11/24-07/14/924 A	MR 3- 3	3751	9442
28(6)					
4.5		6/22/69-06/23/969 H	-	3644	8613
3.7		6/20/35-06/21/935 A	OR 5- 5	3712	8712
3.3		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
2.2		8/17/15-08/20/915 H	-	3849	8957
1.9		7/28/38-08/02/938 A	OR 5- 9	3647	8835
29(9)					
3.9		7/13/16-07/17/916 A	SA 2- 9	3553	8201
3.6		8/23/08-08/28/908 A	SA 2- 6	3626	8028
3.4		8/09/28-08/13/928 A	SA 2-12	3601	8046
3.2		8/13/28-08/17/928 A	SA 2-13	3507	8238
3.1		7/03/32-07/08/932 A	OR 3-20	3828	8105
30(11)					
4.4		8/19/69-08/20/969 A	NA 2-23	3749	7900
3.4		8/10/28-08/13/928 A	NA 1-18	3844	7651
3.0		8/10/55-08/15/955 A	NA 2-21B	3507	7703
2.9		8/10/40-08/17/940 A	SA 5-19A	3703	7830
2.3		7/28/08-07/31/908 A	SA 5-23	3507	7703
31(0)					
32(0)					
33(1)					
1.5		7/21/05-07/25/905 A	GM 3-13	3256	10517
34(5)					
5.8		8/04/06-08/06/906 A	GM 3-14	3117	10048
4.7		6/23/48-06/24/948 H	-	2922	10037
3.7		7/19/38-07/25/938 A	GM 5-10	3046	10044
2.8		6/23/54-06/28/954 A	SW 3-22	3022	10123
1.8		8/07/16-08/08/916 A	SW 1-20	3238	10421
35(11)					
8.1		6/27/36-07/04/936 A	GM 5- 6	2924	9739
4.8		6/30/32-07/02/932 A	GM 5- 1	3001	9907
4.6		8/26/45-08/29/945 A	GM 5-23	3002	9551
4.2		6/27/99-07/01/899 A	GM 3- 4	3052	9632
4.2		8/30/32-09/05/932 A	GM 5-16A	3144	9610
36(11)					
6.4		6/13/86-06/17/886 A	LMV 4-27	3119	9233
6.1		8/12/38-08/15/938 A	LMV 4-23	3020	9245
4.8		6/30/40-07/02/940 A	LMV 4-25	3335	9403
3.9		7/27/43-07/29/943 A	GM 5-21	3002	9435
3.8		7/22/33-07/27/933 A	LMV 2-26	3158	9400
37(4)					
6.8		7/05/16-07/10/916 A	GM 1-19	3049	8619
3.6		6/01/28-06/05/928 A	LMV 2-18	3155	8745
2.8		8/26/98-08/29/898 A	SA 3- 5	3012	8543
2.5		7/29/36-08/02/936 A	SA 3-22	3026	8502
38(5)					
4.7		8/28/11-08/31/911 A	SA 3-11	3030	8202
3.8		8/26/93-08/28/893 A	SA 2- 1	3341	8012
3.7		7/27/87-07/31/887 A	SA 3- 1	3337	8304
3.5		7/13/16-07/17/916 A	SA 2- 9A	3340	7949
2.8		8/30/98-09/03/898 A	SA 3- 6	3223	8042
39(0)					
40(3)					
4.0		8/01/15-08/03/915 A	SA 4-15	2747	8238
2.5		8/07/28-08/12/928 A	SA 4-24	2814	8117
2.3		6/12/34-06/16/934 A	SA 5- 1	2821	8217

FIVE GREATEST ORSERVED 5000 SQUARE MILE- 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS



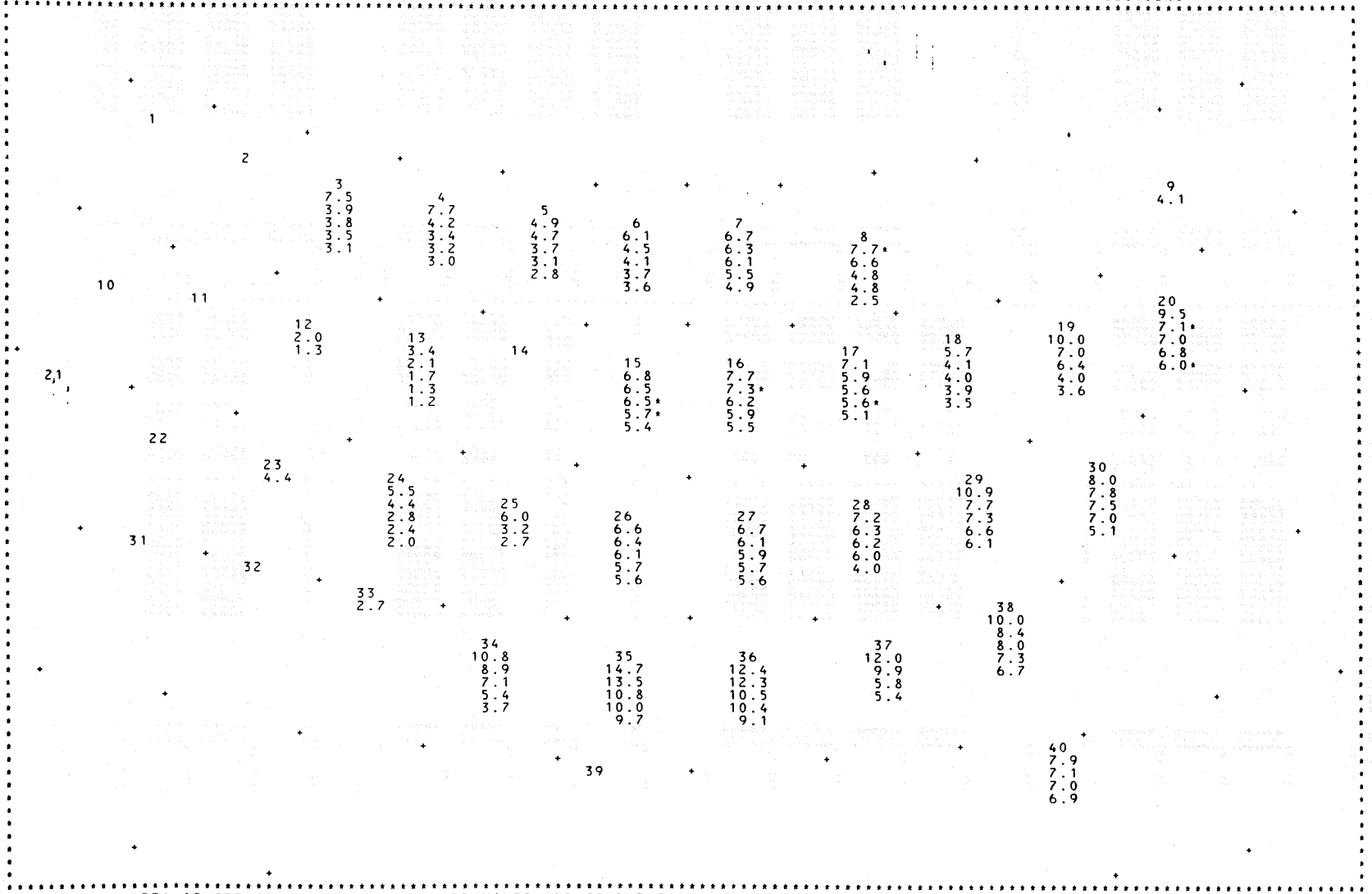
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)					
3(7)					
4.6		6/06/64-06/08/964 A	NP 2-23	4726	11241
2.4		6/21/07-06/23/907 A	MR 5-14	4749	11210
2.3		6/03/08-06/06/908 A	MR 5-15	4711	11108
2.3		6/01/53-06/04/953 H	-	4725	11050
2.1		6/19/16-06/22/916 R	-	4728	11146
5(6)					
4.4		6/25/14-06/28/914 A	MR 4-14A	4629	10017
3.1		6/26/44-06/27/944 R	-	4900	10233
2.6		8/10/47-08/13/947 H	-	4847	10433
2.3		7/05/28-07/08/928 A	UMV 1-18	4820	10140
1.6		6/02/44-06/05/944 R	-	4456	10411
7(13)					
5.9		7/18/09-07/23/909 A	UMV 1-11	4627	9011
5.2		8/28/41-08/31/941 A	UMV 1-22	4600	9128
4.6		7/25/97-07/27/897 A	GL 4- 5	4600	9030
4.5		6/03/05-06/08/905 A	GL 2-12	4508	9020
3.9		7/24/92-07/28/892 A	UMV 1- 1	4504	9318
9(1)					
3.8		8/24/92-08/27/892 H	-	4427	7546
11(0)					
13(5)					
2.8		8/31/38-09/04/938 R	-	4025	10512
1.6		8/30/38-09/04/938 A	MR 5- 8	4023	10504
1.2		6/01/43-06/03/943 R	-	3933	10720
1.0		7/19/29-07/24/929 R	-	3913	10517
0.9		7/27/22-08/03/922 R	-	3945	10533
15(20)					
5.9		6/07/53-06/07/953 H	-	4315	9548
5.5	-	6/03/40-06/04/940 A	MR 4- 5	4201	9653
5.0	-	6/23/91-06/27/891 A	MR 4- 2	4252	9530
4.7		7/13/07-07/16/907 A	MR 1-23	4020	9541
4.7		7/22/11-07/23/911 R	-	4022	9654
17(8)					
5.9		6/27/57-06/28/957 H	-	3938	8742
5.6		7/08/51-07/09/951 H	-	4045	8849
4.9		7/12/57-07/13/957 H	-	4108	8753
4.3		6/29/38-07/01/938 A	GL 3-11	4235	8802
4.3		8/03/24-08/06/924 A	GL 2-22	4325	8811
19(16)					
6.8		6/19/72-06/23/972 H	-	4204	7810
5.6		8/20/33-08/24/933 A	NA 1-24B	3955	7645
4.8		7/06/35-07/10/935 A	NA 1-27	4230	7653
3.2		8/03/98-08/05/898 A	SA 1- 4	4048	7617
3.2		7/01/90-07/05/890 H	-	4334	7526
21(0)					
23(1)					
2.6		8/26/51-08/30/951 H	-	3407	11221
25(3)					
3.4		6/13/65-06/20/965 H	-	3743	10223
2.5		6/02/32-06/06/932 A	SW 2- 7A	3828	10146
2.1		8/06/29-08/11/929 A	SW 2-27	3549	10456
27(19)					
6.1		6/14/57-06/15/957 H	-	3837	9024
5.0		6/28/05-07/02/905 A	MR 1-16B	3407	9303
4.9		8/27/47-08/28/947 A	SW 3- 7A	3414	9420
4.9		8/25/19-08/29/919 A	MR 2-22	3846	9344
4.7		6/10/38-06/11/938 A	UMV 3-17	3813	9023
29(9)					
7.4		7/13/16-07/17/916 A	SA 2- 9	3553	8201
5.3		8/13/28-08/17/928 A	SA 2-13	3507	8238
5.0		8/09/28-08/13/928 A	SA 2-12	3601	8046
4.7		8/23/08-08/28/908 A	SA 2- 6	3626	8028
4.4		8/30/40-08/31/940 H	-	3500	8306
31(0)					
33(1)					
1.9		7/21/05-07/25/905 A	GM 3-13	3256	10517
35(11)					
9.1		6/27/36-07/04/936 A	GM 5- 6	2924	9739
7.8		6/27/99-07/01/899 A	GM 3- 4	3052	9632
7.1		6/28/40-06/30/940 A	GM 5-11	2941	9701
7.0		6/05/43-06/07/943 A	SW 3- 3	3240	9536
6.8		6/30/32-07/02/932 A	GM 5- 1	3001	9907
37(4)					
9.7		7/05/16-07/10/916 A	GM 1-19	3049	8619
6.4		6/01/28-06/05/928 A	LMV 2-18	3155	8745
4.2		7/29/36-08/02/936 A	SA 3-22	3026	8502
4.1		8/26/98-08/29/898 A	SA 3- 5	3012	8543
39(0)					

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(0)					
4(9)					
6.2		6/17/21-06/21/921 A	MR 4-21	4718	10535
3.0		6/06/06-06/08/906 A	MR 5-13	4804	10939
3.0		6/14/44-06/18/944 R	-	4722	10814
2.6		6/11/37-06/13/937 A	MR 5-29	4730	10534
2.2		6/07/10-06/08/910 A	MR 5-17	4639	10918
6(5)					
5.9		7/18/09-07/23/909 A	UMV 1-11A	4721	9548
3.6		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
3.4		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
2.9		8/19/18-08/22/918 A	MR 4-16	4730	9719
2.4		6/25/14-06/28/914 A	MR 4-14B	4535	9555
8(5)					
6.6		7/04/69-07/05/969 H	-	4400	8200
4.2		7/19/12-07/24/912 A	GL 2-29	4511	8941
4.1		8/31/37-09/03/937 A	GL 3- 5	4517	8437
3.5		6/08/22-06/11/922 A	GL 2-21	4420	8812
2.2		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
10(0)					
12(2)					
1.3		8/28/09-09/02/909 H	-	3930	11050
0.9		6/08/47-06/12/947 H	-	4109	11155
14(0)					
16(31)					
7.3		6/09/05-06/10/905 A	UMV 2- 5	4062	9148
6.4		8/24/03-08/28/903 A	MR 1-10	4057	9335
5.1		6/28/33-06/29/933 A	UMV 2-15	4022	9201
5.1		7/15/50-07/16/950 A	UMV 3-28	4252	9021
4.8		7/09/22-07/12/922 A	MR 2-29	4029	9425
18(8)					
5.2		8/06/35-08/07/935 A	OR 9-11	4016	8152
3.7		7/12/13-07/15/913 A	OR 3- 7	4003	8213
3.2		8/08/13-08/10/913 A	GL 3- 2	4336	8356
3.1		8/25/03-08/30/903 A	GL 1- 9	4119	8152
2.7		7/18/19-07/21/919 A	GL 4-15	4034	8234
20(13)					
6.3		8/17/55-08/20/955 A	NA 2-22A	4207	7245
6.2		8/19/39-08/19/939 A	NA 2- 3	3942	7416
5.6		8/20/33-08/24/933 A	NA 1-24	4156	7423
5.4		8/13/19-08/14/919 A	NA 1-12	3936	7421
4.4		7/12/97-07/14/897 A	NA 1- 6	4139	7253
22(0)					
24(12)					
4.0		6/02/21-06/06/921 A	SW 1-23	3827	10504
3.6		8/29/42-09/01/942 A	SW 2-29	3456	10506
2.6		6/06/13-06/12/913 A	SW 1-14	3556	10505
2.1		7/19/15-07/28/915 A	SW 1-18	3446	10620
1.2		6/26/27-06/29/927 R	-	3730	10710
26(12)					
5.7		6/01/04-06/05/904 A	SW 1- 5	3451	9533
5.6		7/12/27-07/15/927 A	SW 2- 5	3412	9708
5.2		6/04/16-06/06/916 A	MR 2-12	3653	9703
4.6		6/05/23-06/11/923 A	SW 1-25	3738	9716
4.6		8/15/32-08/17/932 A	SW 2- 8	3624	9754
28(6)					
6.7		6/22/69-06/23/969 H	-	3644	8613
4.8		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
4.6		6/20/35-06/21/935 A	OR 5- 5	3712	8712
4.1		8/17/15-08/20/915 H	-	3849	8957
2.8		7/28/38-08/02/938 A	OR 5- 9	3647	8835
30(11)					
7.5		8/19/69-08/20/969 A	NA 2-23	3749	7900
5.3		8/10/55-08/15/955 A	NA 2-21B	3507	7703
5.1		8/10/28-08/13/928 A	NA 1-18	3844	7651
4.9		8/10/40-08/17/940 A	SA 5-19A	3703	7830
3.4		7/28/08-07/31/908 A	SA 5-23	3507	7703
32(0)					
34(5)					
8.0		6/23/48-06/24/948 H	-	2922	10037
6.6		8/04/06-08/06/906 A	GM 3-14	3117	10048
4.9		6/23/54-06/28/954 A	SW 3-22	3022	10123
4.4		7/19/38-07/25/938 A	GM 5-10	3046	10044
2.6		8/07/16-08/08/916 A	SW 1-20	3238	10421
36(11)					
9.8		6/13/86-06/17/886 A	LMV 4-27	3119	9233
6.9		8/12/38-08/15/938 A	LMV 4-23	3020	9245
6.8		7/22/33-07/27/933 A	LMV 2-26	3158	9400
6.4		8/06/40-08/09/940 A	LMV 4-24	2945	9210
6.1		7/27/43-07/29/943 A	GM 5-21	3002	9435
38(5)					
6.9		7/13/16-07/17/916 A	SA 2- 9A	3340	7949
6.7		8/26/93-08/28/893 A	SA 2- 1	3341	8012
6.1		8/28/11-08/31/911 A	SA 3-11	3030	8202
5.5		8/30/98-09/03/898 A	SA 3- 6	3223	8042
5.4		7/27/87-07/31/887 A	SA 3- 1	3337	8304
40(3)					
5.2		8/01/15-08/03/915 A	SA 4-15	2747	8238
4.7		6/12/34-06/16/934 A	SA 5- 1	2821	8217
4.5		8/07/28-08/12/928 A	SA 4-24	2814	8117

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

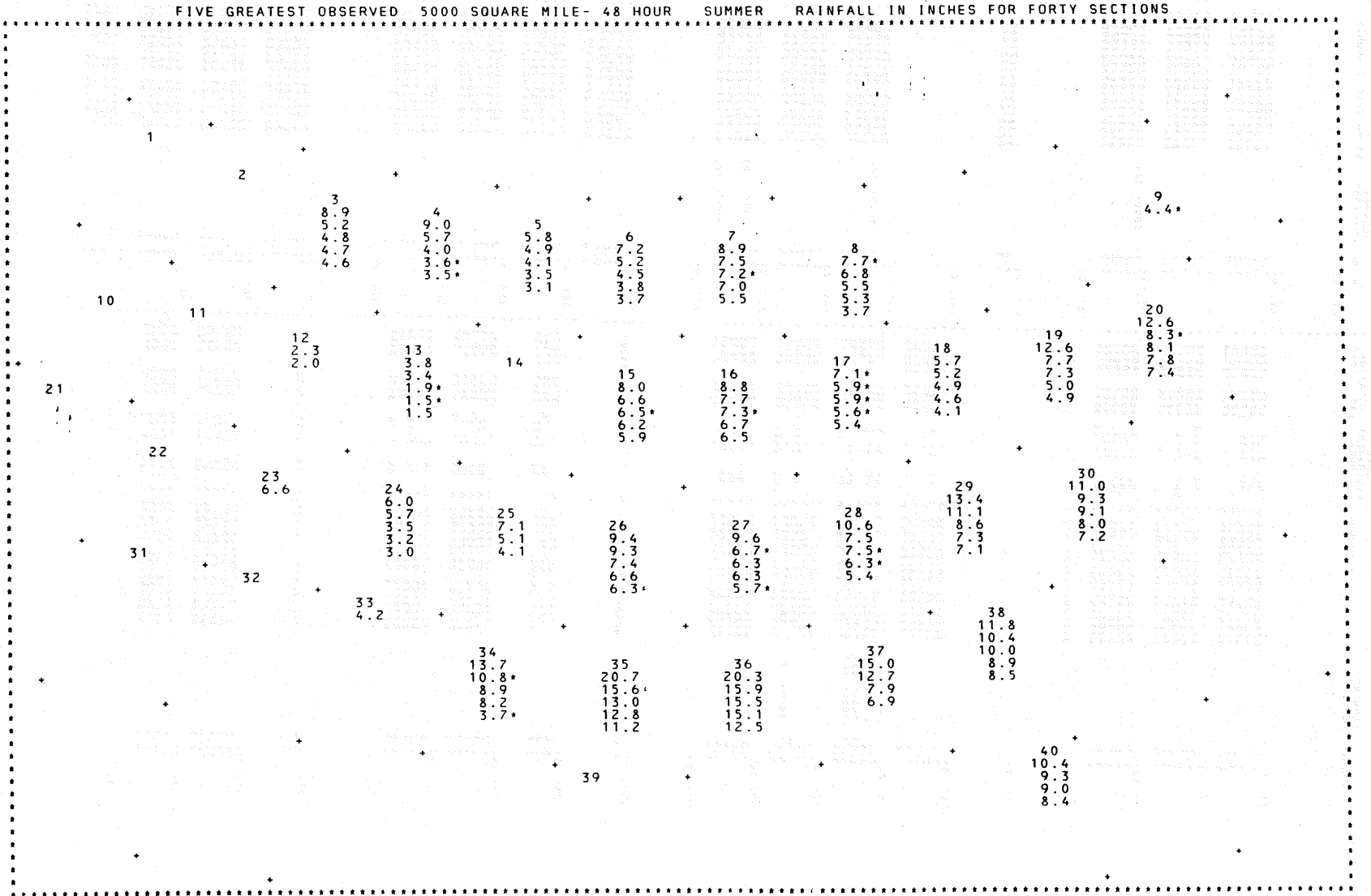


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(0)							
2(0)							
3(7)							
7.5		6/06/64-06/08/964	A	MR	2-23	4726	11241
3.9		6/21/07-06/23/907	A	MR	5-14	4749	11210
3.8		6/03/08-06/06/908	A	MR	5-15	4711	11108
3.5		6/01/53-06/04/953	H		-	4725	11050
3.1		6/19/16-06/22/916	R		-	4728	11146
4(9)							
7.7		6/17/21-06/21/921	A	MR	4-21	4718	10535
4.2		6/06/06-06/08/906	A	MR	5-13	4804	10939
3.4		6/16/44-06/18/944	R		-	4722	10814
3.2		6/07/10-06/08/910	A	MR	5-17	4639	10918
3.0		6/11/37-06/13/937	A	MR	5-29	4730	10534
5(6)							
4.9		6/25/14-06/28/914	A	MR	4-14A	4629	10017
4.7		6/26/44-06/27/944	R		-	4900	10233
3.7		7/05/28-07/08/928	A	UMV	1-18	4820	10140
3.1		8/10/47-08/13/947	H		-	4847	10433
2.8		6/02/44-06/05/944	R		-	4456	10411
6(5)							
6.1		7/18/09-07/23/909	A	UMV	1-11A	4721	9548
4.5		7/18/97-07/22/897	A	UMV	1- 2	4747	9555
4.1		7/01/01-07/06/901	A	UMV	1- 8	4822	9620
3.7		8/19/18-08/22/918	A	MR	4-16	4730	9719
3.6		6/25/14-06/28/914	A	MR	4-14B	4535	9555
7(13)							
6.7		7/25/97-07/27/897	A	GL	4- 5	4600	9030
6.3		8/28/41-08/31/941	A	UMV	1-22	4600	9128
6.1		7/18/09-07/23/909	A	UMV	1-11	4627	9011
5.5		6/03/05-06/08/905	A	GL	2-12	4508	9020
4.9		6/11/99-06/13/899	A	UMV	1- 4A	4410	9149
8(5)							
7.7(	5000- 18)	7/04/69-07/05/969	H		-	4400	8200
6.6		7/19/12-07/24/912	A	GL	2-29	4511	8941
4.8		8/31/37-09/03/937	A	GL	3- 5	4517	8437
4.8		6/08/22-06/11/922	A	GL	2-21	4420	8812
2.5		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
9(1)							
4.1		8/24/92-08/27/892	H		-	4427	7546
10(0)							
11(0)							
12(2)							
2.0		8/28/09-09/02/909	H		-	3930	11050
1.3		6/08/47-06/12/947	H		-	4109	11155
13(5)							
3.4		8/31/38-09/04/938	R		-	4025	10512
2.1		8/30/38-09/04/938	A	MR	5- 8	4023	10504
1.7		6/01/43-06/03/943	R		-	3933	10720
1.3		7/27/22-08/03/922	R		-	3945	10533
1.2		7/19/29-07/24/929	R		-	3913	10517
14(0)							
15(20)	-						
6.8		7/14/00-07/17/900	A	MR	1- 5	4305	9538
6.5	-	6/23/91-06/27/891	A	MR	4- 2	4252	9530
6.5(	5000- 20)	6/07/53-06/07/953	H		-	4315	9548
5.7(	5000- 20)	6/03/40-06/04/940	A	MR	4- 5	4201	9653
5.4		7/13/07-07/16/907	A	MR	1-23	4020	9541
16(31)							
7.7		8/24/03-08/28/903	A	MR	1-10	4057	9335
7.3(	5000- 12)	8/09/05-06/10/905	A	UMV	2- 5	4042	9148
6.2		6/28/33-06/29/933	A	UMV	2-15	4022	9201
5.9		6/12/30-06/15/930	A	UMV	2-14	4117	9141
5.5		7/04/09-07/07/909	A	UMV	2- 8	4015	9402
17(8)							
7.1		6/27/57-06/28/957	H		-	3938	8742
5.9		7/12/57-07/13/957	H		-	4108	8753
5.6		6/29/38-07/01/938	A	GL	3-11	4235	8802
5.6(	5000- 12)	7/08/51-07/09/951	H		-	4045	8849
5.1		8/03/24-08/06/924	A	GL	2-22	4325	8811
18(8)							
5.7		8/06/35-08/07/935	A	OR	9-11	4016	8152
4.1		7/25/75-08/03/875	A	OR	4- 1	4039	8339
4.0		8/25/03-08/30/903	A	GL	1- 9	4119	8152
3.9		7/12/13-07/15/913	A	OR	3- 7	4003	8213
3.5		7/18/19-07/21/919	A	GL	4-15	4034	8234
19(16)							
10.0		6/19/72-06/23/972	H		-	4204	7810
7.0		8/20/33-08/24/933	A	NA	1-24B	3955	7645
6.4		7/06/35-07/10/935	A	NA	1-27	4230	7653
4.0		6/26/38-06/28/938	A	SA	1-14	3928	7540
3.6		7/01/90-07/05/890	H		-	4334	7526
20(13)							
9.5		8/17/55-08/20/955	A	NA	2-22A	4207	7245
7.1(	5000- 18)	8/19/39-08/19/939	A	NA	2- 3	3942	7416
7.0		8/20/33-08/24/933	A	NA	1-24	4156	7423
6.8		8/13/19-08/14/919	A	NA	1-12	3936	7421
6.0(	5000- 18)	8/26/71-08/28/971	H		-	4004	7440
21(0)							
22(0)							
23(1)							
4.4		8/26/51-08/30/951	H		-	3407	11221
24(12)							
5.5		8/29/42-09/01/942	A	SW	2-29	3456	10506
4.4		6/02/21-06/06/921	A	SW	1-23	3827	10504
2.8		6/06/13-06/12/913	A	SW	1-14	3556	10505
2.4		7/19/15-07/28/915	A	SW	1-18	3446	10620
2.0		6/26/27-06/29/927	R		-	3730	10710
25(3)							
6.0		6/13/65-06/20/965	H		-	3743	10223
3.2		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
2.7		8/06/29-08/11/929	A	SW	2-27	3549	10456
26(12)							
6.6		7/12/27-07/15/927	A	SW	2- 5	3412	9708
6.4		6/01/04-06/05/904	A	SW	1- 5	3451	9533
6.1		6/04/16-06/06/916	A	MR	2-12	3653	9703
5.7		8/15/32-08/17/932	A	SW	2- 8	3624	9754
5.6		7/18/05-07/21/905	A	SW	1- 7	3451	9533
27(19)							
6.7		6/14/57-06/15/957	H		-	3837	9024
6.1		8/25/19-08/29/919	A	MR	2-22	3846	9344
5.9		8/12/46-08/15/946	A	MR	7- 2A	3840	9313
5.7		8/27/47-08/28/947	A	SW	3- 7A	3614	9420
5.6		7/18/05-07/21/905	A	SW	1- 7A	3723	9357
28(6)							
7.2		6/22/69-06/23/969	H		-	3644	8613
6.3		8/17/15-08/20/915	H		-	3849	8957
6.2		6/20/35-06/21/935	A	OR	5- 5	3712	8712
6.0		8/12/46-08/16/946	A	MR	7- 2B	3840	8959
4.0		7/28/38-08/02/938	A	OR	5- 9	3647	8835
29(11)							
10.9		7/13/16-07/17/916	A	SA	2- 9	3553	8201
7.7		8/23/08-08/28/908	A	SA	2- 6	3626	8028
7.3		8/13/28-08/17/928	A	SA	2-13	3507	8238
6.6		8/30/40-08/31/940	H		-	3500	8306
6.1		6/28/28-06/30/928	A	OR	7-10	3606	8408
30(11)							
8.0		8/19/69-08/20/969	A	NA	2-23	3749	7900
7.8		8/10/55-08/15/955	A	NA	2-21B	3507	7703
7.5		8/10/40-08/17/940	A	SA	5-19A	3703	7830
7.0		8/10/28-08/13/928	A	NA	1-18	3844	7651
5.1		8/03/94-08/06/894	A	SA	2- 2	3542	7732
31(0)							
32(0)							
33(1)							
2.7		7/21/05-07/25/905	A	GM	3-13	3256	10517
34(5)							
10.8		6/23/48-06/24/948	H		-	2922	10037
8.9		6/23/54-06/28/954	A	SW	3-22	3022	10123
7.1		8/04/06-08/06/906	A	GM	3-14	3117	10048
5.4		7/19/38-07/25/938	A	GM	5-10	3046	10044
3.7		8/07/16-08/08/916	A	SW	1-20	3238	10421
35(11)							
14.7		6/27/99-07/01/899	A	GM	3- 4	3052	9632
13.5		6/30/32-07/02/932	A	GM	5- 1	3001	9907
10.8		8/26/45-08/29/945	A	GM	5-23	3002	9551
10.0		6/27/36-07/04/936	A	GM	5- 6	2924	9739
9.7		6/28/40-06/30/940	A	GM	5-11	2941	9701
36(11)							
12.4		6/13/86-06/17/886	A	LMV	4-27	3119	9233
12.3		8/06/40-08/09/940	A	LMV	4-24	2945	9210
10.5		7/22/33-07/27/933	A	LMV	2-26	3158	9400
10.4		7/27/43-07/29/943	A	GM	5-21	3002	9435
9.1		8/23/26-08/26/926	A	LMV	4- 5	3006	9058
37(4)							
12.0		7/05/16-07/10/916	A	GM	1-19	3049	8619
9.9		6/01/28-06/05/928	A	LMV	2-18	3155	8745
5.8		7/29/36-08/02/936	A	SA	3-22	3026	8502
5.4		8/26/98-08/29/898	A	SA	3- 5	3012	8543
38(5)							
10.0		7/13/16-07/17/916	A	SA	2- 9A	3340	7949
8.4		8/26/93-08/28/893	A	SA	2- 1	3341	8012
8.0		8/28/11-08/31/911	A	SA	3-11	3030	8202
7.3		8/30/98-09/03/898	A	SA	3- 6	3223	8042
6.7		7/27/87-07/31/887	A	SA	3- 1	3337	8304
39(0)							
40(4)							
7.9		8/01/15-08/03/915	A	SA	4-15	2747	8238
7.1		6/29/09-07/03/909	H		-	2808	8247
7.0		6/12/34-06/16/934	A	SA	5- 1	2821	8217
6.9		8/07/28-08/12/928	A	SA	4-24	2814	8117

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

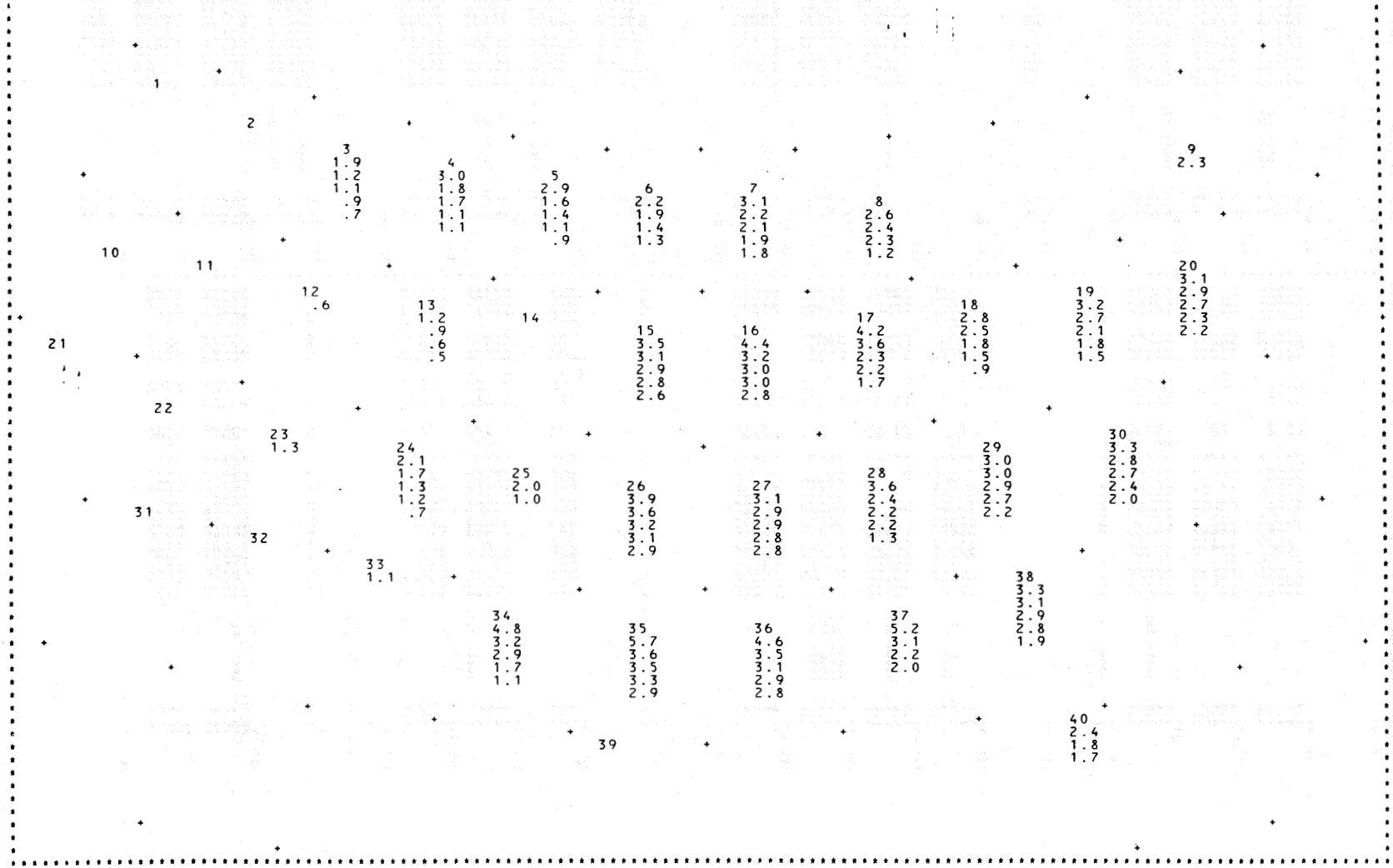


* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	0)							
2(	0)							
3(	7)							
	8.9		6/06/64-06/08/964	A	NP	2-23	4726	11241
	5.2		6/21/07-06/23/907	A	MR	5-14	4749	11210
	4.8		6/01/53-06/04/953	H		-	4725	11050
	4.7		6/03/08-06/06/908	A	MR	5-15	4711	11108
	4.6		6/19/16-06/22/916	R		-	4728	11146
4(	9)							
	9.0		6/17/21-06/21/921	A	MR	4-21	4718	10535
	5.7		6/06/06-06/08/906	A	MR	5-13	4804	10939
	4.0		6/14/44-06/18/944	R		-	4722	10814
	3.6(	5000- 42)	7/14/18-07/15/918	A	MR	5-23	4650	10905
	3.5(	5000- 30)	6/07/10-06/08/910	A	MR	5-17	4639	10918
5(	6)							
	5.8		6/26/44-06/27/944	R		-	4900	10233
	4.9		6/25/14-06/28/914	A	MR	4-14A	4629	10017
	4.1		7/05/28-07/08/928	A	UMV	1-18	4820	10140
	3.5		6/02/44-06/05/944	R		-	4456	10411
	3.1		8/10/47-08/13/947	H		-	4847	10433
6(	5)							
	7.2		7/18/09-07/23/909	A	UMV	1-11A	4721	9548
	5.2		7/18/97-07/22/897	A	UMV	1- 2	4747	9535
	4.5		7/01/01-07/06/901	A	UMV	1- 8	4822	9620
	3.8		6/25/14-06/28/914	A	MR	4-14B	4535	9555
	3.7		8/19/18-08/22/918	A	MR	4-16	4730	9719
7(	13)							
	8.9		8/28/41-08/31/941	A	UMV	1-22	4600	9128
	7.5		7/18/09-07/23/909	A	UMV	1-11	4627	9011
	7.2(	5000- 36)	7/25/97-07/27/897	A	GL	4- 5	4660	9030
	7.0		6/03/05-06/08/905	A	GL	2-12	4508	9020
	5.5		7/11/37-07/16/937	A	UMV	1-20	4843	9436
8(	5)							
	7.7(	5000- 18)	7/04/69-07/05/969	H		-	4400	8200
	6.8		7/19/12-07/24/912	A	GL	2-29	4511	8941
	5.5		8/31/37-09/03/937	A	GL	3- 5	4517	8437
	5.3		6/08/22-06/11/922	A	GL	2-21	4420	8812
	3.7		7/01/00-07/06/900	A	UMV	1- 5	4457	8937
9(	1)							
	4.4(	5000- 36)	8/24/92-08/27/892	H		-	4427	7546
10(	0)							
11(	0)							
12(	2)							
	2.3		8/28/09-09/02/909	H		-	3930	11050
	2.0		6/08/47-06/12/947	H		-	4109	11155
13(	5)							
	3.8		8/31/38-09/04/938	R		-	4025	10512
	3.4		8/30/38-09/04/938	A	MR	5- 8	4023	10554
	1.9(	5000- 42)	6/01/43-06/03/943	R		-	3933	10720
	1.5(	5000- 36)	7/27/22-08/03/922	R		-	3945	10533
	1.5		7/19/29-07/24/929	R		-	3913	10517
14(	0)							
15(	20)							
	8.0	-	7/14/00-07/17/900	A	MR	1- 5	4305	9538
	6.6	-	6/23/91-06/27/891	A	MR	4- 2	4252	9530
	6.5(	5000- 20)	6/07/53-06/07/953	H		-	4315	9548
	6.2		8/31/26-09/05/926	A	MR	3- 8	4044	9502
	5.9		7/13/07-07/16/907	A	MR	1-23	4020	9541
16(	31)							
	8.8		8/24/03-08/28/903	A	MR	1-10	4057	9335
	7.7		7/04/09-07/07/909	A	UMV	2- 8	4015	9402
	7.3(	5000- 12)	6/09/05-06/10/905	A	UMV	2- 5	4042	9148
	6.7		7/09/22-07/12/922	A	MR	2-29	4029	9425
	6.5		6/12/30-06/15/930	A	UMV	2-14	4117	9141
17(	8)							
	7.1(	5000- 24)	6/27/57-06/28/957	H		-	3938	8742
	5.9(	5000- 24)	7/12/57-07/13/957	H		-	4108	8753
	5.9(	5000- 42)	6/29/38-07/01/938	A	GL	3-11	4235	8802
	5.6(	5000- 12)	7/08/51-07/09/951	H		-	4045	8849
	5.4		8/03/24-08/06/924	A	GL	2-22	4325	8811
18(	8)							
	5.7		8/06/35-08/07/935	A	OR	9-11	4016	8152
	5.2		7/25/75-08/03/875	A	OR	4- 1	4039	8339
	4.9		8/08/13-08/10/913	A	GL	3- 2	4336	8354
	4.6		8/25/03-08/30/903	A	GL	1- 9	4119	8152
	4.1		7/12/13-07/15/913	A	OR	3- 7	4003	8213
19(	16)							
	12.6		6/19/72-06/23/972	H		-	4204	7810
	7.9		7/06/35-07/10/935	A	NA	1-27	4230	7653
	7.3		8/20/33-08/24/933	A	NA	1-24B	3955	7645
	5.0		8/03/98-08/05/898	A	SA	1- 4	4048	7617
	4.9		6/26/38-06/28/938	A	SA	1-14	3928	7540
20(	13)							
	12.6		8/17/55-08/20/955	A	NA	2-22A	4207	7245
	8.3(	5000- 30)	8/26/71-08/28/971	H		-	4004	7440
	8.1		8/11/55-08/15/955	A	NA	2-21A	4201	7425
	7.8		8/20/33-08/24/933	A	NA	1-24	4156	7423
	7.4		7/12/97-07/14/897	A	NA	1- 6	4139	7253
21(	0)							
22(	0)							
23(	1)							
	6.6		8/26/51-08/30/951	H		-	3407	11221
24(	12)							
	6.0		8/29/42-09/01/942	A	SW	2-29	3456	10506
	5.7		6/02/21-06/06/921	A	SW	1-23	3827	10504
	3.5		6/06/13-06/12/913	A	SW	1-14	3556	10505
	3.2		6/26/27-06/29/927	R		-	3730	10710
	3.0		7/19/15-07/28/915	A	SW	1-18	3446	10620
25(	3)							
	7.1		6/13/65-06/20/965	H		-	3743	10223
	5.1		6/02/32-06/06/932	A	SW	2- 7A	3828	10146
	4.1		8/06/29-08/11/929	A	SW	2-27	3549	10456
26(	12)							
	9.4		[illegible]-06/05/906	A	SW	1- 5	3451	9533
	9.3		7/09/51-07/13/951	A	MR	10- 2	3840	9630
	7.4		7/12/27-07/15/927	A	SW	2- 5	3412	9708
	6.6		8/15/32-08/17/932	A	SW	2- 8	3624	9754
	6.3(	5000- 42)	6/04/16-06/06/916	A	MR	2-12	3653	9703
27(	19)							
	9.6		8/12/46-08/15/946	A	MR	7- 2A	3840	9313
	6.7(	5000- 24)	6/14/57-06/15/957	H		-	3837	9024
	6.3		8/25/19-08/29/919	A	MR	2-22	3846	9344
	6.3		6/12/35-06/18/935	A	SW	2-13	3454	9406
	5.7(	5000- 24)	8/27/47-08/28/947	A	SW	3- 7A	3414	9420
28(	6)							
	10.6		8/12/46-08/16/946	A	MR	7- 2B	3840	8959
	7.5		8/17/15-08/20/915	H		-	3849	8957
	7.5(	5000- 30)	6/22/69-06/23/969	H		-	3644	8613
	6.3(	5000- 42)	6/20/35-06/21/935	A	OR	5- 5	3712	8712
	5.4		7/28/38-08/02/938	A	OR	5- 9	3647	8835
29(	11)							
	13.4		7/13/16-07/17/916	A	SA	2- 9	3553	8201
	11.1		8/23/08-08/28/908	A	SA	2- 6	3626	8028
	8.6		8/13/28-08/17/928	A	SA	2-13	3507	8238
	7.3		[illegible]-08/31/940	H		-	[illegible]	8246
	7.1		7/06/96-07/08/896	A	SA	3- 4	3411	8209
30(	11)							
	11.0		8/10/40-08/17/940	A	SA	5-19A	3703	7830
	9.3		8/10/55-08/15/955	A	NA	2-21B	3507	7703
	9.1		8/10/28-08/13/928	A	NA	1-18	3844	7651
	8.0		8/19/69-08/20/969	A	SA	2-23	3749	7900
	7.2		8/03/94-08/06/894	A	SA	2- 2	3542	7732
31(	0)							
32(	0)							
33(	1)							
	4.2		7/21/05-07/25/905	A	GM	3-13	3256	10517
34(	5)							
	13.7		6/23/54-06/28/954	A	SW	3-22	3022	10123
	10.8(	5000- 24)	6/23/48-06/24/948	H		-	2922	10037
	8.9		7/19/38-07/25/938	A	GM	5-10	3046	10044
	8.2		8/04/06-08/06/906	A	GM	3-14	3117	10048
	3.7(	5000- 24)	8/07/16-08/08/916	A	SW	1-20	3238	10421
35(	11)							
	20.7		6/27/99-07/01/899	A	GM	3- 4	3052	9632
	15.6(	5000- 42)	6/30/32-07/02/932	A	GM	5- 1	3001	9907
	13.0		6/28/40-06/30/940	A	GM	5-11	2941	9701
	12.8		8/26/45-08/29/945	A	GM	5-23	3002	9551
	11.2		6/27/36-07/04/936	A	GM	5- 6	2924	9739
36(	11)							
	20.3		8/06/40-08/09/940	A	LMV	4-24	2945	9210
	15.9		6/13/86-06/17/886	A	LMV	4-27	3119	9233
	15.5		7/27/43-07/29/943	A	GM	5-21	3002	9435
	15.1		7/22/33-07/27/933	A	LMV	2-26	3158	9400
	12.5		8/16/15-08/21/915	A	LMV	1-10	3131	9407
37(	4)							
	15.0		7/05/16-07/10/916	A	GM	1-19	3049	8619
	12.7		6/01/28-06/05/928	A	LMV	2-18	3155	8745
	7.9		8/26/98-08/29/898	A	SA	3- 5	3012	8543
	6.9		7/29/36-08/02/936	A	SA	3-22	3026	8502
38(	5)							
	11.8		7/13/[illegible]-07/17/916	A	SA	2- 9A	3340	7949
	10.4		8/28/11-08/31/911	A	SA	3-11	3030	8202
	10.0		7/27/87-07/31/887	A	SA	3- 1	3337	[illegible]
	8.9		8/30/98-09/03/898	A	SA	3- 6	3223	8046
	8.5		8/26/93-08/28/893	A	SA	2- 1	3341	8012
39(	0)							
40(	4)							
	10.4		6/29/09-07/[illegible]/909	H		-	2808	8247
	9.3		8/01/15-08/03/915	A	SA	4-15	2747	8238
	9.0		6/12/34-06/16/934	A	SA	5- 1	2821	8217
	8.4		8/07/28-08/12/928	A	SA	4-24	2814	8117

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 6 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

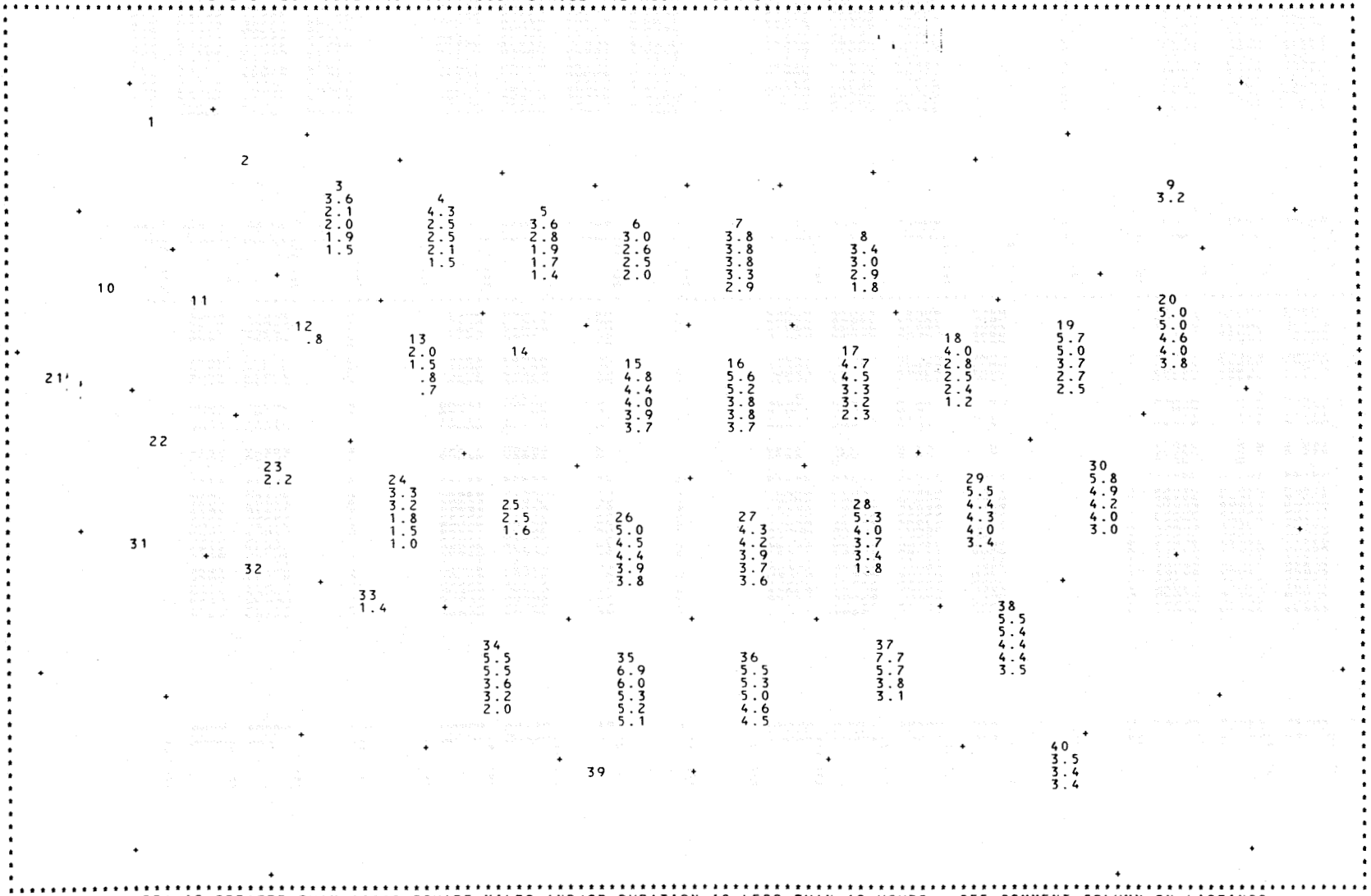


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

no heading this page 10,000-mi² 6-hr summer

Zone (No.)	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)						
2(0)						
3(6)	1.9		6/06/64-06/08/964 A	NP 2-23	4726	11241
	1.2		6/21/07-06/23/907 A	MR 5-14	4749	11210
	1.1		6/03/08-06/06/908 A	MR 5-15	4711	11108
	0.9		6/19/16-06/22/916 R	-	4728	11146
	0.7		6/29/98-07/01/898 A	MR 5- 9	4700	11140
4(5)	3.0		6/17/21-06/21/921 A	MR 4-21	4718	10535
	1.8		6/14/44-06/18/944 R	-	4722	10814
	1.7		6/06/06-06/08/906 A	MR 5-13	4804	10939
	1.1		6/11/37-06/13/937 A	MR 5-29	4730	10534
	1.1		6/16/23-06/21/923 A	MR 5-25	4802	10843
5(6)	2.9		6/25/14-06/28/914 A	MR 4-14A	4629	10017
	1.6		6/26/44-06/27/944 R	-	4900	10233
	1.4		7/05/28-07/08/928 A	UMV 1-18	4820	10140
	1.1		8/10/47-08/13/947 H	-	4847	10433
	0.9		6/02/44-06/05/944 R	-	4456	10411
6(4)	2.2		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
	1.9		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
	1.4		6/25/14-06/28/914 A	MR 4-14B	4535	9555
	1.3		8/19/18-08/22/918 A	MR 4-16	4730	9719
7(13)	3.1		6/03/05-06/08/905 A	GL 2-12	4508	9020
	2.2		7/18/09-07/23/909 A	UMV 1-11	4627	9011
	2.1		8/28/41-08/31/941 A	UMV 1-22	4600	9128
	1.9		7/25/97-07/27/897 A	GL 4- 5	4600	9030
	1.8		6/02/98-06/06/898 A	UMV 1- 3	4641	9407
8(4)	2.6		8/31/37-09/03/937 A	GL 3- 5	4517	8437
	2.4		7/19/12-07/24/912 A	GL 2-29	4511	8941
	2.3		6/08/22-06/11/922 A	GL 2-21	4420	8812
	1.2		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
9(1)	2.3		8/24/92-08/27/892 H	-	4427	7546
10(0)						
11(0)						
12(1)	0.6		6/08/47-06/12/947 H	-	4109	11155
13(4)	1.2		8/31/38-09/04/938 R	-	4025	10512
	0.9		8/30/38-09/04/938 A	MR 5- 8	4023	10504
	0.6		7/19/29-07/24/929 R	-	3913	10517
	0.5		7/27/22-08/03/922 R	-	3945	10533
14(0)						
15(17)	3.5		6/07/53-06/07/953 H	-	4315	9548
	3.1		6/03/40-06/04/940 A	MR 4- 5	4201	9653
	2.9		7/28/28-07/30/928 A	MR 3-18	3901	9953
	2.8		7/22/11-07/23/911 R	-	4022	9654
	2.6		7/13/07-07/16/907 A	MR 1-23	4020	9541
16(30)	4.4		6/09/05-06/10/905 A	UMV 2- 5	4042	9148
	3.2		8/01/29-08/02/929 A	UMV 2-17	4200	9234
	3.0		7/09/22-07/12/922 A	MR 2-29	4029	9425
	3.0		8/24/03-08/28/903 A	MR 1-10	4057	9335
	2.8		7/11/15-07/16/915 A	MR 2- 9	4021	9452
17(7)	4.2		7/08/51-07/09/951 H	-	4045	8849
	3.6		6/27/57-06/28/957 H	-	3938	8742
	2.3		6/29/38-07/01/938 A	GL 3-11	4235	8802
	2.2		8/03/24-08/06/924 A	GL 2-22	4325	8811
	1.7		8/01/42-08/02/942 A	UMV 2-20	4222	8905
18(5)	2.8		8/06/35-08/07/935 A	OR 9-11	4016	8152
	2.5		7/12/13-07/15/913 A	OR 3- 7	4003	8213
	1.8		8/08/13-08/10/913 A	GL 3- 2	4336	8354
	1.5		7/25/75-08/03/875 A	OR 4- 1	4039	8339
	0.9		7/04/04-07/10/904 A	OR 1- 1	3957	8213
19(11)	3.2		6/19/72-06/23/972 H	-	4204	7810
	2.7		8/20/33-08/24/933 A	NA 1-24B	3955	7645
	2.1		7/06/35-07/10/935 A	NA 1-27	4230	7653
	1.8		8/03/98-08/05/898 A	SA 1- 4	4048	7617
	1.5		6/09/22-06/12/922 A	GL 1-19	4304	7616
20(11)	3.1		8/17/55-08/20/955 A	NA 2-22A	4207	7245
	2.9		8/19/39-08/19/939 A	NA 2- 3	3942	7416
	2.7		8/20/33-08/24/933 A	NA 1-24	4156	7423
	2.3		8/13/19-08/14/919 A	NA 1-12	3936	7421
	2.2		7/12/97-07/14/897 A	NA 1- 6	4139	7253
21(0)						
22(0)						
23(1)	1.3		8/26/51-08/30/951 H	-	3407	11221
24(9)	2.1		6/02/21-06/06/921 A	SW 1-23	3827	10504
	1.7		8/29/42-09/01/942 A	SW 2-29	3456	10506
	1.3		6/06/13-06/12/913 A	SW 1-14	3556	10505
	1.2		7/19/15-07/28/915 A	SW 1-18	3446	10620
	0.7		6/26/27-06/29/927 R	-	3730	10710
25(2)	2.0		6/13/65-06/20/965 H	-	3743	10223
	1.0		8/06/29-08/11/929 A	SW 2-27	3549	10456
26(11)	3.9		6/01/04-06/05/904 A	SW 1- 5	3451	9533
	3.6		7/12/27-07/15/927 A	SW 2- 5	3412	9708
	3.2		8/11/27-08/14/927 A	MR 3-13	3831	9912
	3.1		7/18/05-07/21/905 A	SW 1- 7	3451	9533
	2.9		7/09/51-07/13/951 A	MR 10- 2	3840	9630
27(17)	3.1		8/07/27-08/08/927 A	MR 3-12	3748	9349
	2.9		8/22/06-08/26/906 A	MR 1-21A	3815	9321
	2.9		7/18/05-07/21/905 A	SW 1- 7A	3723	9357
	2.8		8/12/46-08/15/946 A	MR 7- 2A	3840	9313
	2.8		8/27/47-08/28/947 A	SW 3- 7A	3414	9420
28(5)	3.6		6/22/69-06/23/969 H	-	3644	8613
	2.4		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
	2.2		8/17/15-08/20/915 H	-	3849	8957
	2.2		6/20/35-06/21/935 A	OR 5- 5	3712	8712
	1.3		6/14/12-06/18/912 A	OR 8-16A	3823	8822
29(9)	3.0		8/23/08-08/28/908 A	SA 2- 6	3626	8028
	3.0		7/13/16-07/17/916 A	SA 2- 9	3553	8201
	2.9		8/09/28-08/13/928 A	SA 2-12	3601	8046
	2.7		8/13/28-08/17/928 A	SA 2-13	3507	8238
	2.2		7/03/32-07/08/932 A	OR 3-20	3828	8105
30(11)	3.3		8/19/69-08/20/969 A	NA 2-23	3749	7900
	2.8		8/10/28-08/13/928 A	NA 1-18	3844	7651
	2.7		8/10/55-08/15/955 A	NA 2-21B	3507	7703
	2.4		8/10/40-08/17/940 A	SA 5-19A	3703	7830
	2.0		8/15/55-08/19/955 A	NA 2-22B	3831	7826
31(0)						
32(0)						
33(1)	1.1		7/21/05-07/25/905 A	GM 3-13	3256	10517
34(5)	4.8		8/04/06-08/06/906 A	GM 3-14	3117	10048
	3.2		6/23/48-06/24/948 H	-	2922	10037
	2.9		7/19/38-07/25/938 A	GM 5-10	3046	10044
	1.7		6/23/54-06/28/954 A	SW 3-22	3022	10123
	1.1		8/07/16-08/08/916 A	SW 1-20	3238	10421
35(11)	5.7		6/27/36-07/04/936 A	GM 5- 6	2924	9739
	3.6		6/30/32-07/02/932 A	GM 5- 1	3001	9907
	3.5		6/27/99-07/01/899 A	GM 3- 4	3052	9632
	3.3		8/26/45-08/29/945 A	GM 5-23	3002	9551
	2.9		6/05/43-06/07/943 A	SW 3- 3	3240	9536
36(10)	4.6		8/12/38-08/15/938 A	LMV 4-23	3020	9245
	3.5		6/30/40-07/02/940 A	LMV 4-25	3335	9403
	3.1		7/22/33-07/27/933 A	LMV 2-26	3158	9400
	2.9		8/23/26-08/26/926 A	LMV 4- 5	3006	9058
	2.8		7/27/43-07/29/943 A	GM 5-21	3002	9435
37(4)	5.2		7/05/16-07/10/916 A	GM 1-19	3049	8619
	3.1		6/01/28-06/05/928 A	LMV 2-18	3155	8745
	2.2		7/29/36-08/02/936 A	SA 3-22	3026	8502
	2.0		8/26/98-08/29/898 A	SA 3- 5	3012	8543
38(5)	3.3		8/28/11-08/31/911 A	SA 3-11	3030	8202
	3.1		8/26/93-08/28/893 A	SA 2- 1	3341	8012
	2.9		7/27/87-07/31/887 A	SA 3- 1	3337	8304
	2.8		7/13/16-07/17/916 A	SA 2- 9A	3340	7949
	1.9		8/30/98-09/03/898 A	SA 3- 6	3223	8042
39(0)						
40(3)	2.4		8/01/15-08/03/915 A	SA 4-15	2747	8238
	1.8		8/07/28-08/12/928 A	SA 4-24	2814	8117
	1.7		6/12/34-06/16/934 A	SA 5- 1	2821	8217

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

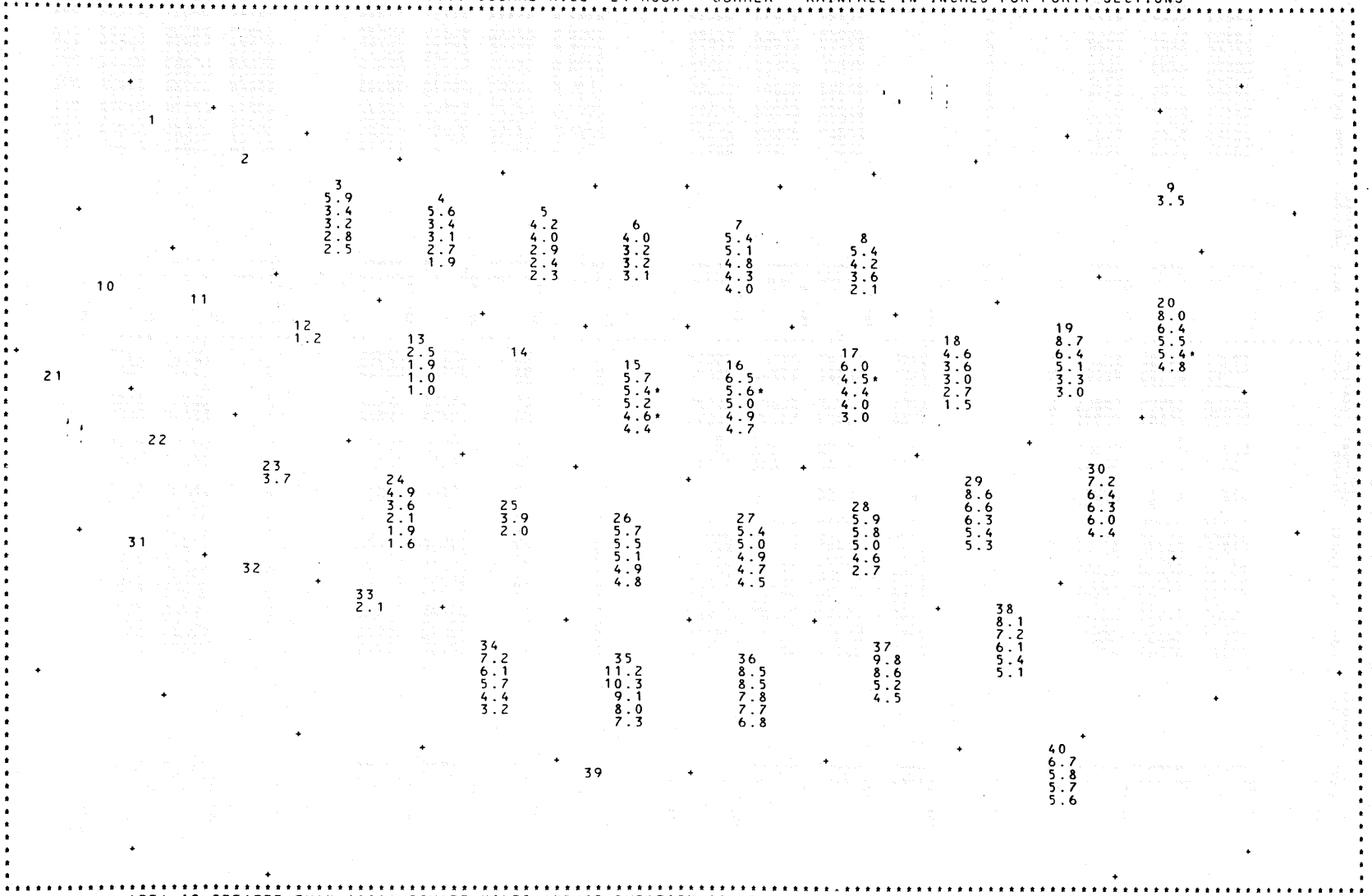


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 12 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(0)					
2(0)					
3(7)					
3.6		6/06/64-06/08/964 A	MP 2-23	4726	11241
2.1		6/03/08-06/06/908 A	MR 5-15	4711	11108
2.0		6/21/07-06/23/907 A	MR 5-14	4749	11210
1.9		6/01/53-06/04/953 H	-	4725	11050
1.5		6/19/16-06/22/916 R	-	4728	11146
4(5)					
4.3		6/17/21-06/21/921 A	MR 4-21	4718	10535
2.5		6/06/06-06/08/906 A	MR 5-13	4804	10939
2.5		6/14/44-06/18/944 R	-	4722	10814
2.1		6/11/37-06/13/937 A	MR 5-29	4730	10534
1.5		6/16/23-06/21/923 A	MR 5-25	4802	10843
5(6)					
3.6		6/25/14-06/28/914 A	MR 4-14A	4629	10017
2.8		6/26/44-06/27/944 R	-	4900	10233
1.9		8/10/47-08/13/947 H	-	4847	10433
1.7		7/05/28-07/08/928 A	UMV 1-18	4820	10140
1.4		6/02/44-06/05/944 R	-	4456	10411
6(4)					
3.0		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
2.6		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
2.5		8/19/18-08/22/918 A	MR 4-16	4730	9719
2.0		6/25/14-06/28/914 A	MR 4-14B	4535	9555
7(13)					
3.8		7/25/97-07/27/897 A	GL 4- 5	4600	9030
3.8		6/03/05-06/08/905 A	GL 2-12	4508	9020
3.8		8/28/41-08/31/941 A	UMV 1-22	4600	9128
3.3		7/18/09-07/23/909 A	UMV 1-11	4627	9011
2.9		7/24/92-07/28/892 A	UMV 1- 1	4504	9318
8(4)					
3.4		7/19/12-07/24/912 A	GL 2-29	4511	8941
3.0		8/31/37-09/03/937 A	GL 3- 5	4517	8437
2.9		6/08/22-06/11/922 A	GL 2-21	4420	8812
1.8		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
9(1)					
3.2		8/24/92-08/27/892 H	-	4427	7546
10(0)					
11(0)					
12(1)					
0.8		6/08/47-06/12/947 H	-	4109	11155
13(4)					
2.0		8/31/38-09/04/938 R	-	4025	10512
1.5		8/30/38-09/04/938 A	MR 5- 8	4023	10504
0.8		7/19/29-07/24/929 R	-	3913	10517
0.7		7/27/22-08/03/922 R	-	3945	10533
14(0)					
15(17)					
4.8		6/07/53-06/07/953 H	-	4315	9548
4.4		6/03/40-06/04/940 A	MR 4- 5	4201	9653
4.0		7/22/11-07/23/911 R	-	4022	9654
3.9		7/14/00-07/17/900 A	MR 1- 5	4305	9538
3.7		7/13/07-07/16/907 A	MR 1-23	4020	9541
16(30)					
5.6		6/09/05-06/10/905 A	UMV 2- 5	4042	9148
5.2		8/24/03-08/28/903 A	MR 1-10	4057	9335
3.8		6/28/33-06/29/933 A	UMV 2-15	4022	9201
3.8		7/15/50-07/16/950 A	UMV 3-28	4252	9021
3.7		6/12/30-06/15/930 A	UMV 2-14	4117	9141
17(7)					
4.7		6/27/57-06/28/957 H	-	3938	8742
4.5		7/08/51-07/09/951 H	-	4045	8849
3.3		8/03/24-08/06/924 A	GL 2-22	4325	8811
3.2		6/29/38-07/01/938 A	GL 3-11	4235	8802
2.3		8/01/42-08/02/942 A	UMV 2-20	4222	8905
18(5)					
4.0		8/06/35-08/07/935 A	OR 9-11	4016	8152
2.8		7/12/13-07/15/913 A	OR 3- 7	4003	8213
2.5		8/08/13-08/10/913 A	GL 3- 2	4336	8354
2.4		7/25/75-08/03/875 A	OR 4- 1	4039	8339
1.2		7/04/04-07/10/904 A	OR 1- 1	3957	8213
19(11)					
5.7		6/19/72-06/23/972 H	-	4204	7810
5.0		8/20/33-08/24/933 A	NA 1-24B	3955	7645
3.7		7/06/35-07/10/935 A	NA 1-27	4230	7653
2.7		8/03/98-08/05/898 A	SA 1- 4	4048	7617
2.5		8/24/93-08/29/893 H	-	4348	7529
20(11)					
5.0		8/20/33-08/24/933 A	NA 1-24	4156	7423
5.0		8/17/55-08/20/955 A	NA 2-22A	4207	7245
4.6		8/19/39-08/19/939 A	NA 2- 3	3942	7416
4.0		8/13/19-08/14/919 A	NA 1-12	3936	7421
3.8		7/12/97-07/14/897 A	NA 1- 6	4139	7253
21(0)					
22(0)					
23(1)					
2.2		8/26/51-08/30/951 H	-	3407	11221
24(9)					
3.3		6/02/21-06/06/921 A	SW 1-23	3827	10506
3.2		8/29/42-09/01/942 A	SW 2-29	3456	10506
1.8		6/06/13-06/12/913 A	SW 1-14	3556	10505
1.5		7/19/15-07/28/915 A	SW 1-18	3446	10620
1.0		6/26/27-06/29/927 R	-	3730	10710
25(2)					
2.5		6/13/65-06/20/965 H	-	3743	10223
1.6		8/06/29-08/11/929 A	SW 2-27	3549	10456
26(11)					
5.0		6/01/04-06/05/904 A	SW 1- 5	3451	9533
4.5		6/04/16-06/06/916 A	MR 2-12	3653	9703
4.4		7/12/27-07/15/927 A	SW 2- 5	3412	9708
3.9		7/09/51-07/13/951 A	MR 10- 2	3840	9630
3.8		6/05/23-06/11/923 A	SW 1-25	3738	9716
27(17)					
4.3		6/14/57-06/15/957 H	-	3837	9024
4.2		8/12/46-08/15/946 A	MR 7- 2A	3840	9313
3.9		6/12/35-06/18/935 A	SW 2-13	3454	9406
3.7		6/10/38-06/11/938 A	UMV 3-17	3813	9023
3.6		8/25/19-08/29/919 A	MR 2-22	3846	9344
28(5)					
5.3		6/22/69-06/23/969 H	-	3644	8613
4.0		8/17/15-08/20/915 H	-	3849	8957
3.7		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
3.4		6/20/35-06/21/935 A	OR 5- 5	3712	8712
1.8		6/14/12-06/18/912 A	OR 8-16A	3823	8822
29(9)					
5.5		7/13/16-07/17/916 A	SA 2- 9	3553	8201
4.4		8/13/28-08/17/928 A	SA 2-13	3507	8238
4.3		8/09/28-08/13/928 A	SA 2-12	3601	8046
4.0		8/23/08-08/28/908 A	SA 2- 6	3626	8028
3.4		8/30/40-08/31/940 H	-	3500	8306
30(11)					
5.8		8/19/69-08/20/969 A	NA 2-23	3749	7900
4.9		8/10/55-08/15/955 A	NA 2-21B	3507	7703
4.2		8/10/28-08/13/928 A	NA 1-18	3844	7651
4.0		8/10/40-08/17/940 A	SA 5-19A	3703	7830
3.0		8/15/55-08/19/955 A	NA 2-22B	3831	7826
31(0)					
32(0)					
33(1)					
1.4		7/21/05-07/25/905 A	GM 3-13	3256	10517
34(5)					
5.5		8/04/06-08/06/906 A	GM 3-14	3117	10048
5.5		6/23/48-06/24/948 H	-	2922	10037
3.6		7/19/38-07/25/938 A	GM 5-10	3046	10044
3.2		6/23/54-06/28/954 A	SW 3-22	3022	10123
2.0		8/07/16-08/08/916 A	SW 1-20	3238	10421
35(11)					
6.9		6/27/36-07/04/936 A	GM 5- 6	2924	9739
6.0		6/27/99-07/01/899 A	GM 3- 4	3052	9632
5.3		6/28/40-06/30/940 A	GM 5-11	2941	9701
5.2		6/30/32-07/02/932 A	GM 5- 1	3001	9907
5.1		8/26/45-08/29/945 A	GM 5-23	3002	9551
36(10)					
5.5		7/22/33-07/27/933 A	LMV 2-26	3158	9400
5.3		8/12/38-08/15/938 A	LMV 4-23	3020	9245
5.0		8/23/26-08/26/926 A	LMV 4- 5	3006	9058
4.6		8/06/40-08/09/940 A	LMV 4-24	2945	9210
4.5		6/30/40-07/02/940 A	LMV 4-25	3335	9403
37(4)					
7.7		7/05/16-07/10/916 A	GM 1-19	3049	8619
5.7		6/01/28-06/05/928 A	LMV 2-18	3155	8745
3.8		7/29/36-08/02/936 A	SA 3-22	3026	8502
3.1		8/26/98-08/29/898 A	SA 3- 5	3012	8543
38(5)					
5.5		8/26/93-08/28/893 A	SA 2- 1	3341	8012
5.4		7/13/16-07/17/916 A	SA 2- 9A	3340	7949
4.4		8/28/11-08/31/911 A	SA 3-11	3030	8202
4.4		7/27/87-07/31/887 A	SA 3- 1	3337	8304
3.5		8/30/98-09/03/898 A	SA 3- 6	3223	8042
39(0)					
40(3)					
3.5		8/07/28-08/12/928 A	SA 4-24	2814	8117
3.4		8/01/15-08/03/915 A	SA 4-15	2747	8238
3.4		6/12/34-06/16/934 A	SA 5- 1	2821	8217

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

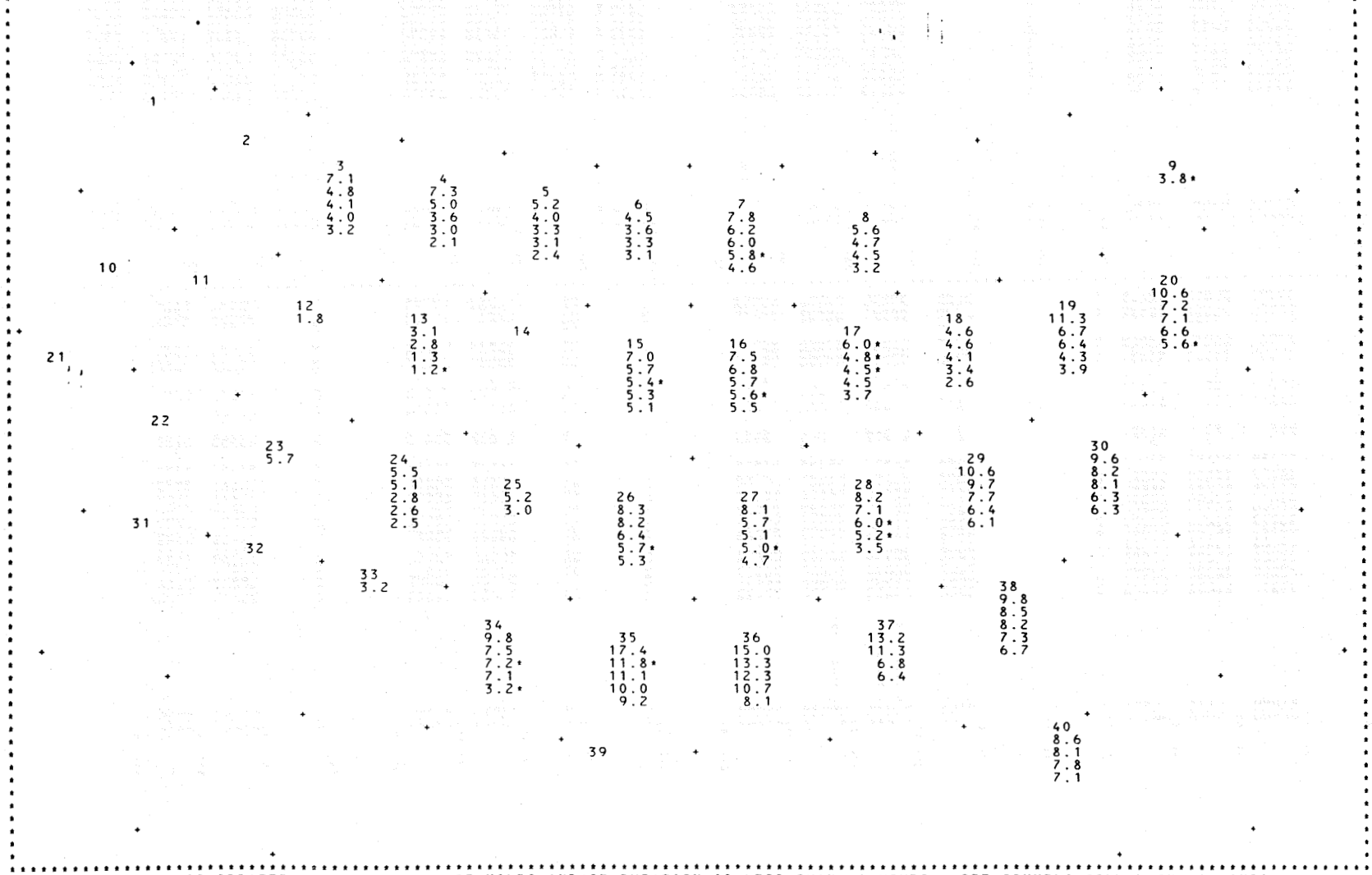


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 24 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(0)					
2(0)					
3(7)					
5.9		6/06/64-06/08/964 A	NP 2-23	4726	11241
3.4		6/03/08-06/06/908 A	MR 5-15	4711	11108
3.2		6/21/07-06/23/907 A	MR 5-14	4749	11210
2.8		6/01/53-06/04/953 H	-	4725	11050
2.5		6/19/16-06/22/916 R	-	4728	11146
4(5)					
5.6		6/17/21-06/21/921 A	MR 4-21	4718	10535
3.4		6/06/06-06/08/906 A	MR 5-13	4804	10939
3.1		6/14/44-06/18/944 R	-	4722	10814
2.7		6/11/37-06/13/937 A	MR 5-29	4730	10534
1.9		6/16/23-06/21/923 A	MR 5-25	4802	10843
5(6)					
4.2		6/26/44-06/27/944 R	-	4900	10233
4.0		6/25/14-06/28/914 A	MR 4-14A	4629	10017
2.9		7/05/28-07/08/928 A	UMV 1-18	4820	10140
2.4		6/02/44-06/05/944 R	-	4456	10411
2.3		8/10/47-08/13/947 H	-	4847	10433
6(4)					
4.0		7/18/97-07/22/897 A	UMV 1- 2	4747	9555
3.2		7/01/01-07/06/901 A	UMV 1- 8	4822	9620
3.2		6/25/14-06/28/914 A	MR 4-14B	4535	9535
3.1		8/19/18-08/22/918 A	MR 4-16	4730	9719
7(13)					
5.4		7/25/97-07/27/897 A	GL 4- 5	4600	9030
5.1		8/28/41-08/31/941 A	UMV 1-22	4600	9128
4.8		6/03/05-06/08/905 A	GL 2-12	4508	9020
4.3		7/18/09-07/23/909 A	UMV 1-11	4627	9011
4.0		6/11/99-06/13/899 A	UMV 1- 4A	4410	9149
8(4)					
5.4		7/19/12-07/24/912 A	GL 2-29	4511	8941
4.2		6/08/22-06/11/922 A	GL 2-21	4420	8812
3.6		8/31/37-09/03/937 A	GL 3- 5	4517	8437
2.1		7/01/00-07/06/900 A	UMV 1- 5	4457	8937
9(1)					
3.5		8/24/92-08/27/892 H	-	4427	7546
10(0)					
11(0)					
12(1)					
1.2		6/08/47-06/12/947 H	-	4109	11155
13(4)					
2.5		8/31/38-09/04/938 R	-	4025	10512
1.9		8/30/38-09/04/938 A	MR 5- 8	4023	10504
1.0		7/27/22-08/03/922 R	-	3945	10533
1.0		7/19/29-07/24/929 R	-	3913	10517
14(0)					
15(17)					
5.7		7/14/00-07/17/900 A	MR 1- 5	4305	9538
5.4(10000- 20)		6/07/53-06/07/953 H	-	4315	9548
5.2		6/23/91-06/27/891 A	MR 4- 2	4252	9530
4.6(10000- 20)		6/03/40-06/04/940 A	MR 4- 5	4201	9653
4.4		8/31/26-09/05/926 A	MR 3- 8	4044	9502
16(30)					
6.5		8/24/03-08/28/903 A	MR 1-10	4057	9335
5.6(10000- 12)		6/09/05-06/10/905 A	UMV 2- 5	4042	9148
5.0		6/28/33-06/29/933 A	UMV 2-15	4022	9201
4.9		6/12/30-06/15/930 A	UMV 2-14	4117	9141
4.7		6/10/47-06/13/947 A	MR 8-14	4127	9407
17(7)					
6.0		6/27/57-06/28/957 H	-	3938	8742
4.5(10000- 12)		7/08/51-07/09/951 H	-	4045	8849
4.4		6/29/38-07/01/938 A	GL 3-11	4235	8802
4.0		8/03/24-08/06/924 A	GL 2-22	4325	8811
3.0		8/01/42-08/02/942 A	UMV 2-20	4222	8905
18(5)					
4.6		8/06/35-08/07/935 A	OR 9-11	4016	8152
3.6		7/25/75-08/03/875 A	OR 4- 1	4039	8339
3.0		7/12/13-07/15/913 A	OR 3- 7	4003	8213
2.7		8/08/13-08/10/913 A	GL 3- 2	4336	8354
1.5		7/04/04-07/10/904 A	OR 1- 1	3957	8213
19(11)					
8.7		6/19/72-06/23/972 H	-	4204	7810
6.4		8/20/33-08/24/933 A	NA 1-24B	3955	7645
5.1		7/06/35-07/10/935 A	NA 1-27	4230	7653
3.3		6/26/38-06/28/938 A	SA 1-14	3928	7540
3.0		6/15/20-06/18/920 A	GL 1-18	4013	7936
20(11)					
8.0		8/17/55-08/20/955 A	NA 2-22A	4207	7245
6.4		8/20/33-08/24/933 A	NA 1-24	4156	7423
5.5		8/13/19-08/14/919 A	NA 1-12	3936	7421
5.4(10000- 18)		8/19/39-08/19/939 A	NA 2- 3	3942	7416
4.8		7/12/97-07/14/897 A	NA 1- 6	4139	7253
21(0)					
22(0)					
23(1)					
3.7		8/26/51-08/30/951 H	-	3407	11221
24(9)					
4.9		8/29/42-09/01/942 A	SW 2-29	3456	10506
3.6		6/02/21-06/06/921 A	SW 1-23	3827	10504
2.1		6/06/13-06/12/913 A	SW 1-14	3556	10505
1.9		7/19/15-07/28/915 A	SW 1-18	3446	10620
1.6		6/26/27-06/29/927 R	-	3730	10710
25(2)					
3.9		6/13/65-06/20/965 H	-	3743	10223
2.0		8/06/29-08/11/929 A	SW 2-27	3549	10456
26(11)					
5.7		6/01/04-06/05/904 A	SW 1- 5	3451	9533
5.5		6/04/16-06/06/916 A	MR 2-12	3653	9703
5.1		7/12/27-07/15/927 A	SW 2- 5	3412	9708
4.9		7/18/05-07/21/905 A	SW 1- 7	3451	9533
4.8		7/09/51-07/13/951 A	MR 10- 2	3840	9630
27(17)					
5.4		8/12/46-08/15/946 A	MR 7- 2A	3840	9313
5.0		6/14/57-06/15/957 H	-	3837	9024
4.9		7/18/05-07/21/905 A	SW 1- 7A	3723	9357
4.7		6/12/35-06/18/935 A	SW 2-13	3454	9406
4.5		8/25/19-08/29/919 A	MR 2-22	3846	9344
28(5)					
5.9		8/17/15-08/20/915 H	-	3849	8957
5.8		6/22/69-06/23/969 H	-	3644	8613
5.0		6/20/35-06/21/935 A	OR 5- 5	3712	8712
4.6		8/12/46-08/16/946 A	MR 7- 2B	3840	8959
2.7		6/14/12-06/18/912 A	OR 8-16A	3823	8822
29(11)					
8.6		7/13/16-07/17/916 A	SA 2- 9	3553	8201
6.6		8/23/08-08/28/908 A	SA 2- 6	3626	8028
6.3		8/13/28-08/17/928 A	SA 2-13	3507	8238
5.4		8/30/40-08/31/940 H	-	3500	8306
5.3		8/09/28-08/13/928 A	SA 2-12	3601	8046
30(11)					
7.2		8/10/55-08/15/955 A	NA 2-21B	3507	7703
6.4		8/10/40-08/17/940 A	SA 5-19A	3703	7830
6.3		8/19/69-08/20/969 A	NA 2-23	3749	7900
6.0		8/10/28-08/13/928 A	NA 1-18	3844	7651
4.4		8/03/94-08/06/894 A	SA 2- 2	3542	7732
31(0)					
32(0)					
33(1)					
2.1		7/21/05-07/25/905 A	GM 3-13	3256	10517
34(5)					
7.2		6/23/48-06/24/948 H	-	2922	10037
6.1		8/04/06-08/06/906 A	GM 3-14	3117	10048
5.7		6/23/54-06/28/954 A	SW 3-22	3022	10123
4.4		7/19/38-07/25/938 A	GM 5-10	3046	10044
3.2		8/07/16-08/08/916 A	SW 1-20	3238	10421
35(11)					
11.2		6/27/99-07/01/899 A	GM 3- 4	3052	9632
10.3		6/30/32-07/02/932 A	GM 5- 1	3001	9907
9.1		8/26/45-08/29/945 A	GM 5-23	3002	9551
8.0		6/27/36-07/04/936 A	GM 5- 6	2924	9739
7.3		6/28/40-06/30/940 A	GM 5-11	2941	9701
36(10)					
8.5		7/22/33-07/27/933 A	LMV 2-26	3158	9400
8.5		8/06/40-08/09/940 A	LMV 4-24	2945	9210
7.8		8/23/26-08/26/926 A	LMV 4- 5	3006	9058
7.7		7/27/43-07/29/943 A	GM 5-21	3002	9435
6.8		8/12/38-08/15/938 A	LMV 4-23	3020	9245
37(4)					
9.8		7/05/16-07/10/916 A	GM 1-19	3049	8619
8.6		6/01/28-06/05/928 A	LMV 2-18	3155	8745
5.2		7/29/36-08/02/936 A	SA 3-22	3026	8502
4.5		8/26/98-08/29/898 A	SA 3- 5	3012	8543
38(5)					
8.1		7/15/16-07/17/916 A	SA 2- 9A	3340	7949
7.2		8/26/93-08/28/893 A	SA 2- 1	3341	8012
6.1		8/28/11-08/31/911 A	SA 3-11	3030	8202
5.4		7/27/87-07/31/887 A	SA 3- 1	3337	8304
5.1		8/30/98-09/03/898 A	SA 3- 6	3223	8042
39(0)					
40(4)					
6.7		8/01/15-08/03/915 A	SA 4-15	2747	8238
5.8		8/07/28-08/12/928 A	SA 4-24	2814	8117
5.7		6/29/09-07/03/909 H	-	2808	8247
5.6		6/12/34-06/16/934 A	SA 5- 1	2821	8217

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

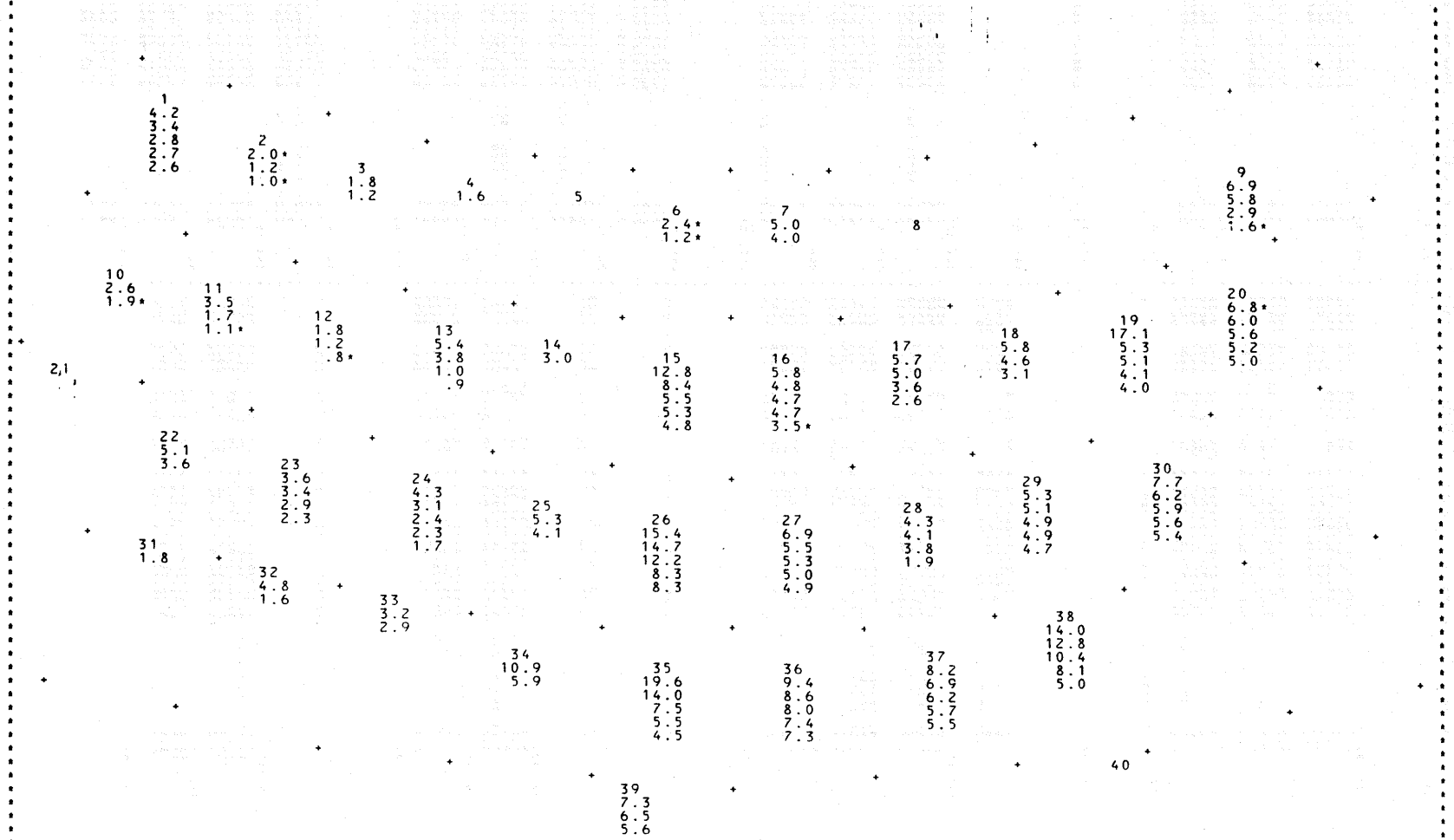


* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 48 HOUR SUMMER RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	0)						
2(	0)						
3(	7)						
	7.1		6/06/64-06/08/964	A NP	2-23	4726	11241
	4.8		6/21/07-06/23/907	A MR	5-14	4749	11210
	4.1		6/03/08-06/06/908	A MR	5-15	4711	11108
	4.0		6/01/53-06/04/953	H	-	4725	11050
	3.2		6/19/16-06/22/916	R	-	4728	11146
4(	5)						
	7.3		6/17/21-06/21/921	A MR	4-21	4718	10535
	5.0		6/06/06-06/08/906	A MR	5-13	4804	10939
	3.6		6/14/44-06/18/944	R	-	4722	10814
	3.0		6/11/37-06/13/937	A MR	5-29	4730	10534
	2.1		6/16/23-06/21/923	A MR	5-25	4802	10843
5(	6)						
	5.2		6/26/44-06/27/944	R	-	4900	10233
	4.0		6/25/14-06/28/914	A MR	4-14A	4629	10017
	3.3		7/05/28-07/08/928	A UMV	1-18	4820	10140
	3.1		6/02/44-06/05/944	R	-	4456	10411
	2.4		6/02/04-06/05/904	A MR	4- 8	4429	10347
6(	4)						
	4.5		7/18/97-07/22/897	A UMV	1- 2	4747	9555
	3.6		7/01/01-07/06/901	A UMV	1- 8	4822	9620
	3.3		6/25/14-06/28/914	A MR	4-14B	4535	9535
	3.1		8/19/18-08/22/918	A MR	4-16	4730	9719
7(	13)						
	7.8		8/28/41-08/31/941	A UMV	1-22	4600	9128
	6.2		6/03/05-06/08/905	A GL	2-12	4508	9020
	6.0		7/18/09-07/23/909	A UMV	1-11	4627	9011
	5.8(	10000- 36)	7/25/97-07/27/897	A GL	4- 5	4600	9030
	4.6		7/11/37-07/16/937	A UMV	1-20	4843	9436
8(	4)						
	5.6		7/19/12-07/24/912	A GL	2-29	4511	8961
	4.7		6/08/22-06/11/922	A GL	2-21	4420	8812
	4.5		8/31/37-09/03/937	A GL	3- 5	4517	8437
	3.2		7/01/00-07/06/900	A UMV	1- 5	4457	8937
9(	1)						
	3.8(	10000- 36)	8/24/92-08/27/892	H	-	4427	7546
10(	0)						
11(	0)						
12(	1)						
	1.8		6/08/47-06/12/947	H	-	4109	11155
13(	4)						
	3.1		8/30/38-09/04/938	A MR	5- 8	4023	10504
	2.8		8/31/38-09/04/938	R	-	4025	10512
	1.3		7/19/29-07/24/929	R	-	3913	10517
	1.2(	10000- 36)	7/27/22-08/03/922	R	-	3945	10533
14(	0)						
15(	17)						
	7.0	-	7/14/00-07/17/900	A MR	1- 5	4305	9538
	5.7		8/31/26-09/05/926	A MR	3- 8	4044	9502
	5.4(	10000- 20)	6/07/53-06/07/953	H	-	4315	9548
	5.3		6/23/91-06/27/891	A MR	4- 2	4252	9530
	5.1		6/06/34-06/08/934	A MR	5- 2	4249	9633
16(	30)						
	7.5		8/24/03-08/28/903	A MR	1-10	4057	9335
	6.8		7/04/09-07/07/909	A UMV	2- 8	4015	9402
	5.7		7/09/22-07/12/922	A MR	2-29	4029	9425
	5.6(	10000- 12)	6/09/05-06/10/905	A UMV	2- 5	4042	9148
	5.5		6/12/30-06/15/930	A UMV	2-14	4117	9141
17(	7)						
	6.0(	10000- 24)	6/27/57-06/28/957	H	-	3938	8742
	4.8(	10000- 42)	6/29/38-07/01/938	A GL	3-11	4235	8802
	4.5(	10000- 12)	7/08/51-07/09/951	H	-	4045	8849
	4.5		8/03/24-08/06/924	A GL	2-22	4325	8811
	3.7		6/22/19-06/24/919	A UMV	4- 7	4008	8858
18(	5)						
	4.6		7/25/75-08/03/875	A OR	4- 1	4039	8339
	4.6		8/06/35-08/07/935	A OR	9-11	4016	8152
	4.1		8/08/13-08/10/913	A GL	3- 2	4336	8354
	3.4		7/12/13-07/15/913	A OR	3- 7	4003	8213
	2.6		7/04/04-07/10/904	A OR	1- 1	3957	8213
19(	11)						
	11.3		6/19/72-06/23/972	H	-	4204	7810
	6.7		8/20/33-08/24/933	A NA	1-24B	3955	7645
	6.4		7/06/35-07/10/935	A NA	1-27	4230	7653
	4.3		8/03/98-08/05/898	A SA	1- 4	4048	7617
	3.9		6/26/38-06/28/938	A SA	1-14	3928	7540
20(	11)						
	10.6		8/17/55-08/20/955	A NA	2-22A	4207	7245
	7.2		8/11/55-08/15/955	A NA	2-21A	4201	7425
	7.1		8/20/33-08/24/933	A NA	1-24	4156	7423
	6.6		7/12/97-07/14/897	A NA	1- 6	4139	7253
	5.6(	10000- 27)	8/13/19-08/14/919	A NA	1-12	3936	7421
21(	0)						
22(	0)						
23(	1)						
	5.7		8/26/51-08/30/951	H	-	3407	11221
24(	9)						
	5.5		8/29/42-09/01/942	A SW	2-29	3456	10506
	5.1		6/02/21-06/06/921	A SW	1-23	3827	10504
	2.8		6/06/13-06/12/913	A SW	1-14	3556	10505
	2.6		6/26/27-06/29/927	R	-	3730	10710
	2.5		7/19/15-07/28/915	A SW	1-18	3446	10620
25(	2)						
	5.2		6/13/65-06/20/965	H	-	3743	10223
	3.0		8/06/29-08/11/929	A SW	2-27	3549	10456
26(	11)						
	8.3		6/01/04-06/05/904	A SW	1- 5	3451	9533
	8.2		7/09/51-07/13/951	A MR	10- 2	3840	9630
	6.4		7/12/27-07/15/927	A SW	2- 5	3412	9708
	5.7(	10000- 42)	6/04/16-06/06/916	A MR	2-12	3653	9703
	5.3		7/18/05-07/21/905	A SW	1- 7	3451	9533
27(	17)						
	8.1		8/12/46-08/15/946	A MR	7- 2A	3840	9313
	5.7		6/12/35-06/18/935	A SW	2-13	3454	9406
	5.1		7/18/05-07/21/905	A SW	1- 7A	3723	9357
	5.0(	10000- 24)	6/14/57-06/15/957	H	-	3837	9024
	4.7		8/25/19-08/29/919	A MR	2-22	3846	9344
28(	5)						
	8.2		8/12/46-08/16/946	A MR	7- 2B	3840	8959
	7.1		8/17/15-08/20/915	H	-	3849	8957
	6.0(	10000- 30)	6/22/69-06/23/969	H	-	3644	8613
	5.2(	10000- 42)	6/20/35-06/21/935	A OR	5- 5	3712	8712
	3.5		6/14/12-06/18/912	A OR	8-16A	3823	8822
29(	11)						
	10.6		7/13/16-07/17/916	A SA	2- 9	3553	8201
	9.7		8/23/08-08/28/908	A SA	2- 6	3626	8028
	7.7		8/13/28-08/17/928	A SA	2-13	3507	8238
	6.4		7/06/96-07/08/896	A SA	3- 4	3411	8209
	6.1		6/28/28-06/30/928	A OR	7-10	3606	8408
30(	11)						
	9.6		8/10/40-08/17/940	A SA	5-19A	3703	7830
	8.2		8/10/55-08/15/955	A NA	2-21B	3507	7703
	8.1		8/10/28-08/13/928	A NA	1-18	3844	7651
	6.3		7/28/08-07/31/908	A SA	5-23	3507	7703
	6.3		8/03/94-08/06/894	A SA	2- 2	3542	7732
31(	0)						
32(	0)						
33(	1)						
	3.2		7/21/05-07/25/905	A GM	3-13	3256	10517
34(	5)						
	9.8		6/23/54-06/28/954	A SW	3-22	3022	10123
	7.5		7/19/38-07/25/938	A GM	5-10	3046	10044
	7.2(	10000- 24)	6/23/48-06/24/948	H	-	2922	10037
	7.1		8/04/06-08/06/906	A GM	3-14	3117	10048
	3.2(	10000- 24)	8/07/16-08/08/916	A SW	1-20	3238	10421
35(	11)						
	17.4		6/27/99-07/01/899	A GM	3- 4	3052	9632
	11.8(	10000- 42)	6/30/32-07/02/932	A GM	5- 1	3001	9907
	11.1		8/26/45-08/29/945	A GM	5-23	3002	9551
	10.0		6/28/40-06/30/940	A GM	5-11	2941	9701
	9.2		6/27/36-07/04/936	A GM	5- 6	2924	9739
36(	10)						
	15.0		8/06/40-08/09/940	A LMV	4-24	2945	9210
	13.3		7/22/33-07/27/933	A LMV	2-26	3158	9400
	12.3		7/27/43-07/29/943	A GM	5-21	3002	9435
	10.7		8/16/15-08/21/915	A LMV	1-10	3131	9407
	8.1		8/23/26-08/26/926	A LMV	4- 5	3006	9058
37(	4)						
	13.2		7/05/16-07/10/916	A GM	1-19	3049	8619
	11.3		6/01/28-06/05/928	A LMV	2-18	3155	8745
	6.8		8/26/98-08/29/898	A SA	3- 5	3012	8543
	6.4		7/29/36-08/02/936	A SA	3-22	3026	8502
38(	5)						
	9.8		7/13/16-07/17/916	A SA	2- 9A	3340	7949
	8.5		8/28/11-08/31/911	A SA	3-11	3030	8202
	8.2		7/27/87-07/31/887	A SA	3- 1	3337	8304
	7.3		8/26/93-08/28/893	A SA	2- 1	3341	8012
	6.7		8/30/98-09/03/898	A SA	3- 6	3223	8042
39(	0)						
40(	4)						
	8.6		6/29/09-07/03/909	H	-	2808	8247
	8.1		8/01/15-08/03/915	A SA	4-15	2747	8238
	7.8		6/12/34-06/16/934	A SA	5- 1	2821	8217
	7.1		8/07/28-08/12/928	A SA	4-24	2814	8117

FIVE GREATEST OBSERVED 100 SQUARE MILE- 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



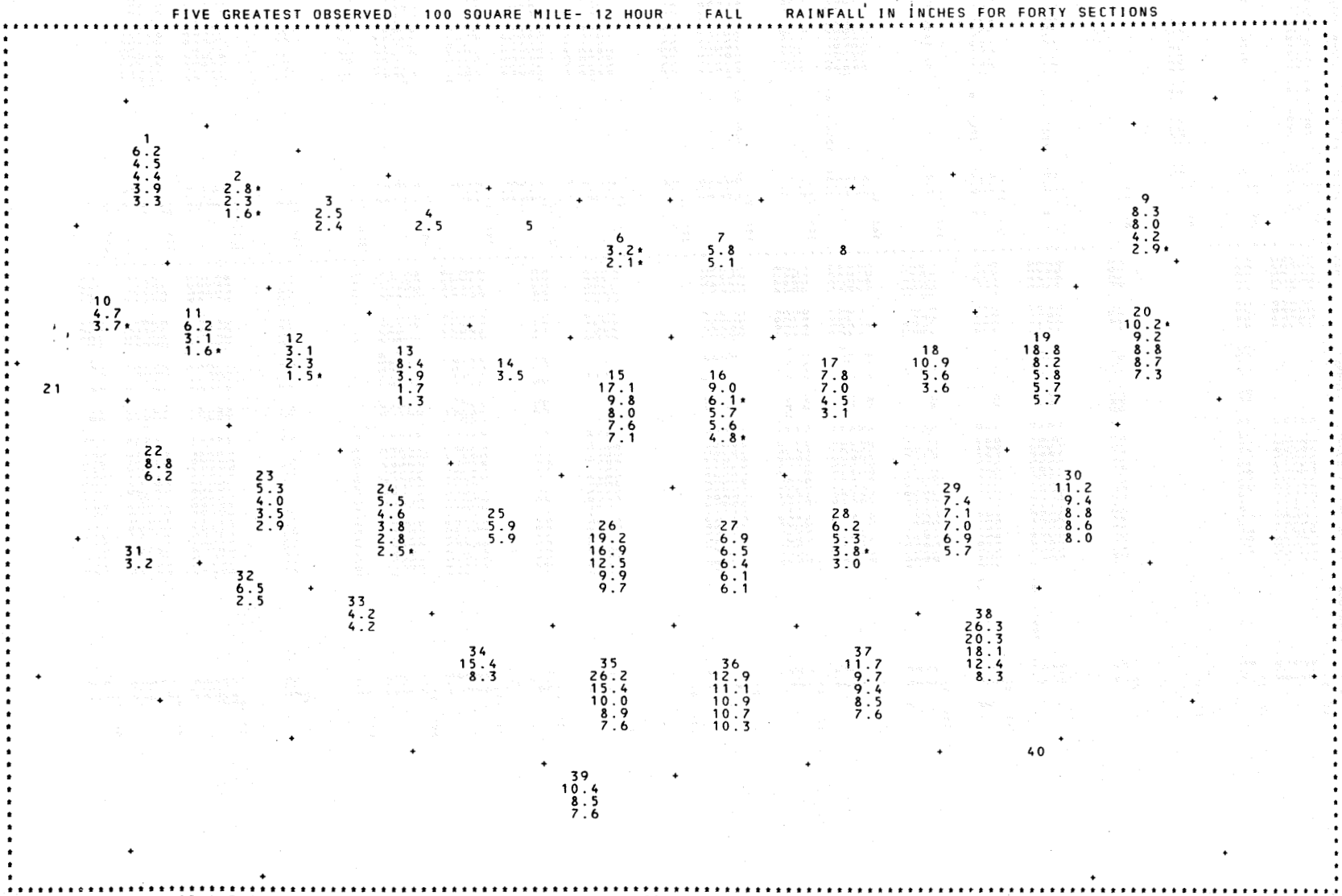
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	7)					
	4.2		11/16/11-11/20/911 H	-	4730	12330
	3.4		10/26/37-10/28/937 H	-	4840	12135
	2.8		11/18/21-11/22/921 H	-	4548	12156
	2.7		10/26/37-10/28/937 H	-	4730	12330
	2.6		10/21/34-10/26/934 H	-	4609	12202
3(	2)					
	1.8		9/03/11-09/06/911 A MR	5-18	4855	11133
	1.2		9/27/19-09/28/919 A MR	5-24	4834	11301
5(	0)					
7(	2)					
	5.0		9/15/42-09/19/942 A UMV	1-25	4457	9217
	4.0		9/11/03-09/15/903 A UMV	2- 3	4425	9203
9(	4)					
	6.9		9/16/32-09/17/932 H	-	4553	6909
	5.8		11/02/27-11/04/927 A NA	1-17	4403	7145
	2.9		10/18/30-10/20/930 A GL	1-26	4410	7540
	1.6(	2000- 6)	11/06/63-11/10/963 H	-	4416	7118
11(	3)					
	3.5		11/18/09-11/23/909 A WP	4- 6	4335	11540
B	1.7		11/12/30-11/17/930 R	-	4140	11525
B	1.1(	5000- 6)	10/01/46-10/02/946 R	-	4349	11512
13(	4)					
	5.4		9/27/23-10/01/923 A MR	4-23	4352	10547
	3.8		9/09/33-09/11/933 R	-	3930	10506
	1.0		10/10/99-10/15/899 R	-	3923	10806
B	0.9		10/04/11-10/06/911 R	-	3901	10731
15(	9)					
	12.8	-	9/17/26-09/19/926 A MR	4-24	4312	9600
	8.4		9/10/72-09/12/972 H	-	4143	9515
	5.5	-	9/16/19-09/19/919 A MR	2-23	4020	9734
	5.3		9/13/30-09/14/930 A MR	3-26A	3928	9544
	4.8		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	5.7		9/08/26-09/09/926 A OR	4-22	3930	8811
	5.0		10/09/54-10/10/954 H	-	4145	8820
	3.6		9/30/41-10/07/941 A UMV	3-20C	4135	8645
	2.6		9/26/26-10/05/926 H	-	4008	8855
19(	9)					
	17.1		9/01/40-09/01/940 H	-	3942	7512
	5.3		9/12/04-09/15/904 A NA	1- 9	3935	7525
	5.1		9/24/02-09/27/902 A SA	1- 5	3940	7606
	4.1		10/09/22-10/10/922 A SA	1- 9	3917	7637
	4.0		9/27/96-09/30/896 A SA	1-19	3923	7822
21(	0)					
23(	4)					
	3.6		9/04/39-09/07/939 H	-	3444	11337
	3.4		11/25/05-11/28/905 H	-	3413	11245
	2.9		10/27/46-10/29/946 H	-	3725	11402
	2.3		10/10/47-10/15/947 H	-	3418	11015
25(	2)					
	5.3		10/09/30-10/12/930 A SW	2- 6	3512	10317
	4.1		10/18/08-10/19/908 A SW	2-23	3803	10238
27(	17)					
	6.9		9/06/37-09/10/937 A SW	2-15	3622	9413
	5.5		9/12/05-09/19/905 A UMV	2-18	3858	9245
	5.3		10/16/05-10/19/905 A UMV	2- 6	3838	9113
	5.0		11/10/09-11/16/909 A MR	1-29	3652	9422
	4.9		11/17/06-11/21/906 A LMV	1- 4	3439	9028
29(	9)					
	5.3		10/13/14-10/16/914 A SA	2- 8	3546	8216
	5.1		9/08/88-09/12/888 A SA	3- 2	3411	8202
	4.9		9/21/98-09/23/898 A SA	2- 3	3600	8134
	4.9		10/26/18-10/31/918 A SA	3-14	3502	8312
	4.7		9/22/12-09/25/912 A SA	1-22B	3415	8037
31(	1)					
	1.8		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	3.2		9/15/19-09/17/919 A GM	5-15B	3341	10511
	2.9		9/27/41-09/29/941 A SW	3- 1	3304	10602
35(	10)					
	19.6		9/08/21-09/10/921 A GM	4-12	3035	9718
	14.0		9/26/46-09/27/946 A GM	5-24	2920	9829
	7.5		11/22/40-11/25/940 A GM	5-13	3008	9608
	5.5		9/25/36-09/28/936 A GM	5- 8	3201	9708
	4.5		9/28/03-10/01/903 A SW	1- 4	3337	9708
37(	6)					
	8.2		9/17/26-09/21/926 A SA	4-23	3053	8747
	6.9		11/06/43-11/08/943 A GM	5-22	3126	8724
	6.2		11/19/34-11/21/934 A LMV	1-18	3138	8819
	5.7		9/29/29-10/03/929 A SA	3-23	3038	8543
	5.5		9/28/98-10/01/898 A LMV	1- 3	3025	8713
39(	3)					
	7.3		9/19/67-09/24/967 A SW	3-24	2618	9955
	6.5		9/14/19-09/15/919 A GM	5-15A	2821	9807
	5.6		9/10/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	3)					
	2.0(	200- 6)	11/17/09-11/20/909 H	-	4812	11541
B	1.2		11/17/46-11/20/946 R	-	4410	11510
B	1.0(	200- 6)	11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	1.6		9/06/41-09/08/941 A MR	6-20	4525	10755
6(	2)					
	2.4(	1000- 6)	10/09/49-10/10/949 H	-	4817	9806
	1.2(	1000- 6)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	2.6		11/15/42-11/19/942 R	-	3900	12030
B	1.9(	1921- 6)	11/15/50-11/21/950 H	-	3910	12030
12(	3)					
	1.8		10/11/28-10/14/928 H	-	4020	11030
B	1.2		11/18/46-11/20/946 R	-	4350	11400
B	0.8(	200- 6)	9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	3.0		9/11/33-09/12/933 R	-	4009	10113
16(	8)					
	5.8		9/05/58-09/06/958 H	-	4130	9443
	4.8		9/08/42-09/08/942 A UMV	2-21	4138	9133
	4.7		10/27/00-10/30/900 A UMV	1- 7A	4348	9115
	4.7		9/10/28-09/14/928 A MR	3-19	4043	9253
	3.5(	1000- 6)	9/11/61-09/13/961 H	-	3941	9203
18(	3)					
	5.8		9/10/78-09/13/878 A OR	9-19	4145	8046
	4.6		9/01/22-09/04/922 A OR	1-27A	3931	8445
	3.1		9/01/22-09/04/922 A OR	1-27B	3955	8045
20(	12)					
	6.8(	200- 6)	9/16/32-09/17/932 H	-	4122	7150
	6.0		10/03/69-10/04/869 H	-	4130	7256
	5.6		9/12/44-09/15/944 A NA	2-16	4029	7427
	5.2		9/13/33-09/18/933 H	-	4203	7017
	5.0		9/17/38-09/22/938 A NA	2- 2	4140	7240
22(	2)					
	5.1		11/13/50-11/21/950 R	-	3630	11830
	3.6		11/18/46-11/20/946 R	-	3635	11835
24(	8)					
	4.3		9/03/70-09/07/970 H	-	3738	10904
	3.1		9/26/04-09/30/904 A SW	1- 6	3552	10520
	2.4		10/06/11-10/06/911 A SW	2-30	3753	10739
	2.3		9/20/29-09/23/929 A SW	2-28	3509	10539
	1.7		9/06/27-09/10/927 R	-	3733	10749
26(	22)					
	15.4		10/10/73-10/11/973 H	-	3625	9752
	14.7		9/02/40-09/06/940 A SW	2-18	3615	9636
	12.2		9/11/26-09/16/926 A SW	2- 1	3800	9533
	8.3		9/29/23-10/02/923 A MR	3- 1A	3717	9835
	8.3		9/04/01-09/08/901 A MR	1- 6	3827	9954
28(	4)					
	4.3		9/28/98-10/01/898 A LMV	1- 3A	3653	8935
	4.1		10/03/10-10/06/910 A OR	4- 8	3722	8829
	3.8		9/01/22-09/01/922 A UMV	3- 9B	3723	8940
	1.9		10/30/19-11/01/919 A LMV	1-13B	3729	8618
30(	13)					
	7.7		9/13/24-09/17/924 A SA	3-16	3444	7639
	6.2		10/11/42-10/17/942 A SA	1-28B	3515	7540
	5.9		9/16/28-09/19/928 A SA	2-15	3417	7952
	5.6		9/04/28-09/07/928 A SA	2-14	3411	7923
	5.4		9/18/44-09/19/944 H	-	3753	7843
32(	2)					
	4.8		9/03/70-09/07/970 H	-	3349	11056
	1.6		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	10.9		9/14/36-09/18/936 A GM	5- 7	3147	10050
	5.9		9/20/41-09/23/941 A GM	5-19	3210	10444
36(	12)					
	9.4		9/28/15-09/30/915 A LMV	2-13	3051	9010
	8.6		11/12/22-11/15/922 A LMV	3-29	3002	9230
	8.0		9/06/93-09/10/893 A LMV	3- 2	2947	9130
	7.4		9/05/29-09/09/929 A LMV	4-13	2956	9003
	7.3		9/19/09-09/22/909 A LMV	3-16	3046	9122
38(	6)					
	14.0		9/03/50-09/07/950 A SA	5- 8	2903	8242
	12.8		10/04/24-10/11/924 A SA	4-20	2907	8055
	10.4		10/17/41-10/22/941 A SA	5- 6	2948	8257
	8.1		9/23/29-09/28/929 A SA	3-20	3156	8156
	5.0		9/16/01-09/19/901 A SA	2- 5	3204	8413
40(	0)					

FIVE GREATEST OBSERVED 100 SQUARE MILE- 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



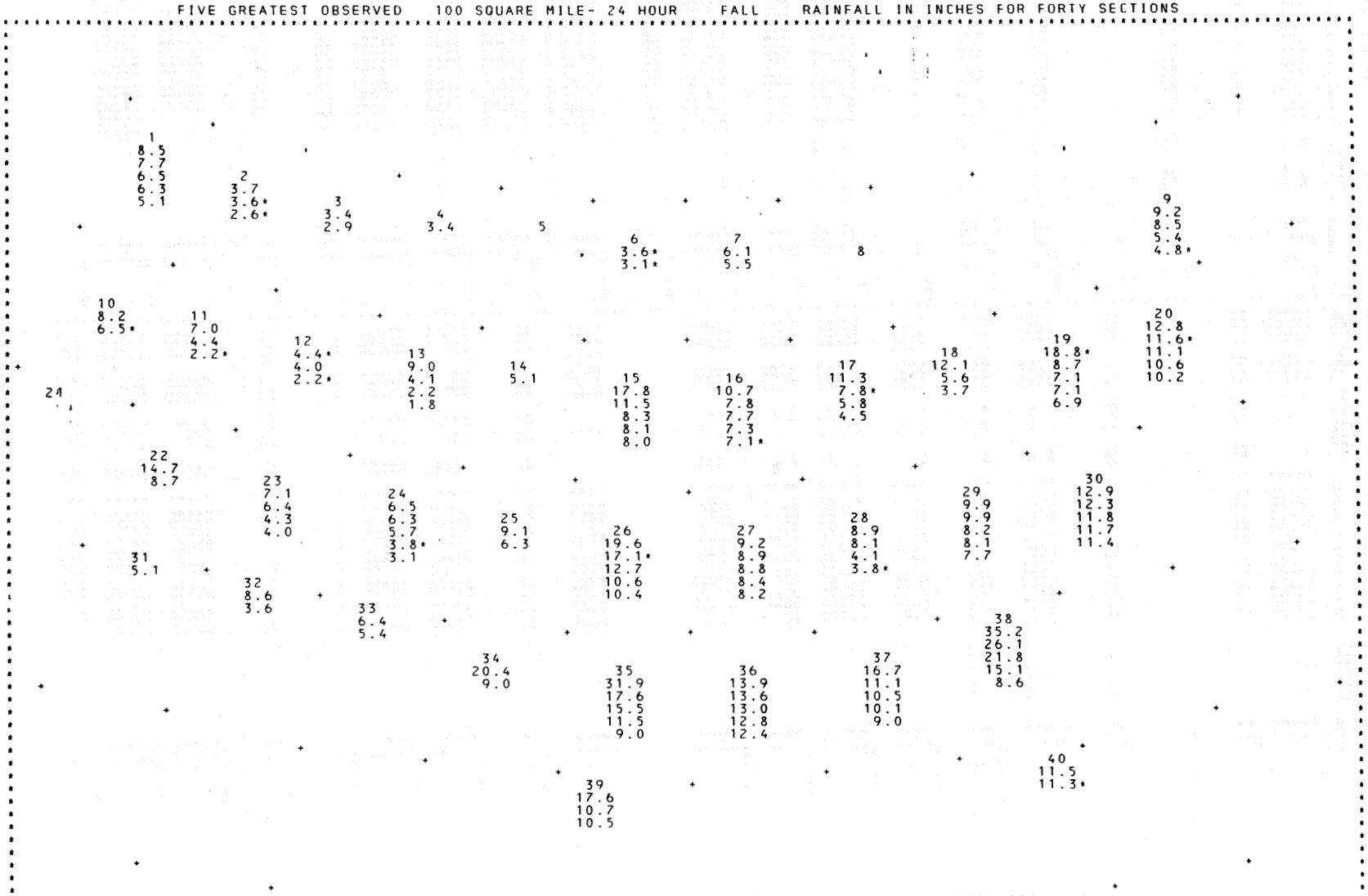
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)					
	6.2		11/16/11-11/20/911 H	-	4730	12330
	4.5		10/26/37-10/28/937 H	-	4840	12135
	4.4		11/18/21-11/22/921 H	-	4548	12156
	3.9		10/21/34-10/26/934 H	-	4609	12202
	3.3		10/26/37-10/28/937 H	-	4730	12330
3(	2)					
	2.5		9/03/11-09/06/911 A	MR 5-18	4855	11133
	2.4		9/27/19-09/28/919 A	MR 5-24	4834	11301
5(	0)					
7(	2)					
	5.8		9/15/42-09/19/942 A	UMV 1-25	4457	9217
	5.1		9/11/03-09/15/903 A	UMV 2- 3	4425	9203
9(	4)					
	8.3		11/02/27-11/04/927 A	NA 1-17	4403	7145
	8.0		9/16/32-09/17/932 H	-	4553	6909
	4.2		10/18/30-10/20/930 A	GL 1-26	4410	7540
	2.9(	2000- 12)	11/06/63-11/10/963 H	-	4416	7118
11(	3)					
	6.2		11/18/09-11/23/909 A	NP 4- 6	4335	11540
B	3.1		11/12/30-11/17/930 R	-	4140	11525
B	1.6(	5000- 12)	10/01/46-10/02/946 R	-	4349	11512
13(	4)					
	8.4		9/27/23-10/01/923 A	MR 4-23	4352	10547
	3.9		9/09/33-09/11/933 R	-	3930	10506
B	1.7		10/04/11-10/06/911 R	-	3901	10731
	1.3		10/10/99-10/15/899 R	-	3923	10806
15(	9)					
	17.1		9/17/26-09/19/926 A	MR 4-24	4312	9600
	9.8		9/10/72-09/12/972 H	-	4143	9515
	8.0		9/09/11-09/11/911 R	-	3944	9506
	7.6		9/06/09-09/09/909 A	MR 1-28	3904	9537
	7.1		9/16/19-09/19/919 A	MR 2-23	4020	9734
17(	4)					
	7.8		9/08/26-09/09/926 A	OR 4-22	3930	8811
	7.0		10/09/54-10/10/954 H	-	4145	8820
	4.5		9/30/41-10/07/941 A	UMV 3-20C	4135	8645
	3.1		9/26/26-10/05/926 H	-	4008	8855
19(	9)					
	18.8		9/01/40-09/01/940 H	-	3942	7512
	8.2		9/12/04-09/15/904 A	NA 1- 9	3935	7525
	5.8		9/24/02-09/27/902 A	SA 1- 5	3940	7606
	5.7		9/27/96-09/30/896 A	SA 1-19	3923	7822
	5.7		9/27/67-09/29/967 H	-	4215	7825
21(	0)					
23(	4)					
	5.3		9/04/39-09/07/939 H	-	3444	11337
	4.0		10/27/46-10/29/946 H	-	3725	11402
	3.5		11/25/05-11/28/905 H	-	3413	11245
	2.9		10/10/47-10/15/947 H	-	3418	11015
25(	2)					
	5.9		10/18/08-10/19/908 A	SW 2-23	3803	10238
	5.9		10/09/30-10/12/930 A	SW 2- 6	3512	10317
27(	17)					
	6.9		9/06/37-09/10/937 A	SW 2-15	3622	9413
	6.5		10/16/05-10/19/905 A	UMV 2- 6	3838	9113
	6.4		9/20/25-09/22/925 A	MR 3- 6	3723	9357
	6.1		9/28/27-10/02/927 A	MR 3-14	3548	9342
	6.1		11/17/06-11/21/906 A	LMV 1- 4	3439	9028
29(	9)					
	7.4		10/13/14-10/16/914 A	SA 2- 8	3546	8216
	7.1		9/08/88-09/12/888 A	SA 3- 2	3411	8202
	7.0		10/26/18-10/31/918 A	SA 3-14	3502	8312
	6.9		9/21/98-09/23/898 A	SA 2- 3	3600	8134
	5.7		10/24/18-10/27/918 A	SA 2-10	3513	8214
31(	1)					
	3.2		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	4.2		9/15/19-09/17/919 A	GM 5-15B	3341	10511
	4.2		9/27/41-09/29/941 A	SW 3- 1	3304	10602
35(	10)					
	26.2		9/08/21-09/10/921 A	GM 4-12	3035	9718
	15.4		9/26/46-09/27/946 A	GM 5-24	2920	9829
	10.0		11/22/40-11/25/940 A	GM 5-13	3008	9608
	8.9		9/25/36-09/28/936 A	GM 5- 8	3201	9708
	7.6		9/28/03-10/01/903 A	SW 1- 4	3337	9708
37(	6)					
	11.7		9/17/26-09/21/926 A	SA 4-23	3053	8747
	9.7		11/06/43-11/08/943 A	GM 5-22	3126	8724
	9.4		11/19/34-11/21/934 A	LMV 1-18	3138	8819
	8.5		9/28/98-10/01/898 A	LMV 1- 3	3025	8713
	7.6		9/29/29-10/03/929 A	SA 3-23	3038	8543
39(	3)					
	10.4		9/19/67-09/24/967 A	SW 3-24	2618	9955
	8.5		9/14/19-09/15/919 A	GM 5-15A	2821	9807
	7.6		9/10/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)					
	2.8(	200- 12)	11/17/09-11/20/909 H	-	4812	11541
B	2.3		11/17/46-11/20/946 R	-	4410	11510
B	1.6(	200- 12)	11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	2.5		9/06/41-09/08/941 A	MR 6-20	4525	10755
6(	2)					
	3.2(	1000- 12)	10/09/49-10/10/949 H	-	4817	9806
	2.1(	1000- 12)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	4.7		11/15/42-11/19/942 R	-	3900	12030
B	3.7(	1921- 12)	11/15/50-11/21/950 H	-	3910	12030
12(	3)					
	3.1		10/11/28-10/14/928 H	-	4020	11030
B	2.3		11/18/46-11/20/946 R	-	4350	11400
B	1.5(	200- 12)	9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	3.5		9/11/33-09/12/933 R	-	4009	10113
16(	8)					
	9.0		9/05/58-09/06/958 H	-	4130	9440
	6.1(	1000- 12)	9/11/61-09/13/961 H	-	3941	9203
	5.7		9/30/41-10/07/941 A	UMV 3-20B	4058	9023
	5.6		10/27/00-10/30/900 A	UMV 1- 7A	4348	9115
	4.8(	100- 6)	9/08/42-09/08/942 A	UMV 2-21	4138	9133
18(	3)					
	10.9		9/10/78-09/13/878 A	OR 9-19	4145	8046
	5.6		9/01/22-09/04/922 A	OR 1-27A	3931	8445
	3.6		9/01/22-09/04/922 A	OR 1-27B	3955	8045
20(	12)					
	10.2(	200- 12)	9/16/32-09/17/932 H	-	4122	7150
	9.2		10/03/69-10/04/869 H	-	4150	7254
	8.8		9/13/33-09/18/933 H	-	4203	7017
	8.7		9/20/82-09/24/882 A	NA 1- 3	4055	7410
	7.3		10/07/03-10/11/903 A	GL 4- 9	4055	7410
22(	2)					
	8.8		11/13/50-11/21/950 R	-	3630	11830
	6.2		11/18/46-11/20/946 R	-	3635	11835
24(	8)					
	5.5		9/03/70-09/07/970 H	-	3738	10904
	4.6		10/04/11-10/06/911 A	SW 2-30	3753	10739
	3.8		9/26/04-09/30/904 A	SW 1- 6	3552	10520
	2.8		9/20/29-09/23/929 A	SW 2-28	3509	10539
	2.5(	500- 12)	10/04/11-10/06/911 H	-	3750	10920
26(	22)					
	19.2		9/02/40-09/06/940 A	SW 2-18	3615	9636
	16.9		10/10/73-10/11/973 H	-	3625	9752
	12.5		9/11/26-09/16/926 A	SW 2- 1	3800	9533
	9.9		10/18/41-10/22/941 A	MR 6- 2	3834	9740
	9.7		9/06/15-09/09/915 A	MR 2-11	3756	9510
28(	4)					
	6.2		10/03/10-10/06/910 A	OR 4- 8	3722	8829
	5.3		9/28/98-10/01/898 A	LMV 1- 3A	3653	8935
	3.8(	100- 9)	9/01/22-09/01/922 A	UMV 3- 9B	3723	8940
	3.0		10/30/19-11/01/919 A	LMV 1-13B	3729	8618
30(	13)					
	11.2		9/13/24-09/17/924 A	SA 3-16	3444	7639
	9.4		9/16/28-09/19/928 A	SA 2-15	3417	7952
	8.8		10/11/42-10/17/942 A	SA 1-28B	3515	7540
	8.6		9/18/44-09/19/944 H	-	3753	7843
	8.0		9/28/70-10/01/870 H	-	3741	7925
32(	2)					
	6.5		9/03/70-09/07/970 H	-	3349	11056
	2.5		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	15.4		9/14/36-09/18/936 A	GM 5- 7	3147	10050
	8.3		9/20/41-09/23/941 A	GM 5-19	3210	10444
36(	12)					
	12.9		9/28/15-09/30/915 A	LMV 2-13	3051	9010
	11.1		9/06/93-09/10/893 A	LMV 3- 2	2947	9130
	10.9		11/12/22-11/15/922 A	LMV 3-29	3002	9230
	10.7		9/16/08-09/20/908 A	LMV 3-15	2945	9320
	10.3		9/19/09-09/22/909 A	LMV 3-16	3046	9122
38(	6)					
	26.3		9/03/50-09/07/950 A	SA 5- 8	2903	8242
	20.3		10/17/41-10/22/941 A	SA 5- 6	2948	8257
	18.1		10/04/24-10/11/924 A	SA 4-20	2907	8055
	12.4		9/23/29-09/28/929 A	SA 3-20	3156	8156
	8.3		9/16/01-09/19/901 A	SA 2- 5	3204	8413
40(	0)					

FIVE GREATEST OBSERVED 100 SQUARE MILE- 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



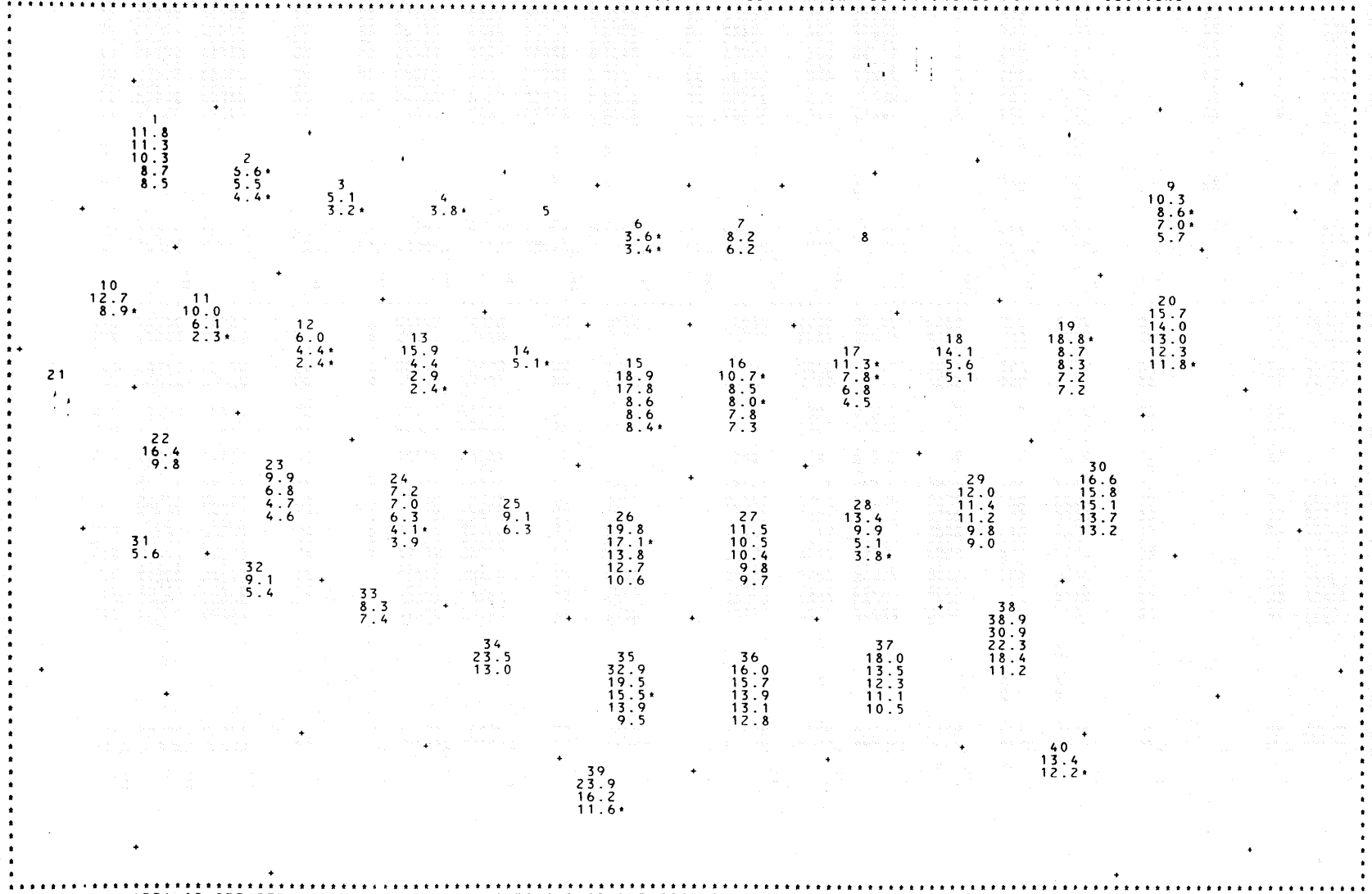
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
1(	7)							
	8.5		11/16/11-11/20/911	H	-		4730	12330
	7.7		11/18/21-11/22/921	H	-		4548	12156
	6.5		10/26/37-10/28/937	H	-		4840	12135
	6.3		10/21/34-10/26/934	H	-		4609	12202
	5.1		10/26/37-10/28/937	H	-		4730	12330
3(	2)							
	3.4		9/03/11-09/06/911	A	MR	5-18	4855	11133
	2.9		9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	6.1		9/15/42-09/19/942	A	UMV	1-25	4457	9217
	5.5		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
9(	4)							
	9.2		11/02/27-11/04/927	A	NA	1-17	4403	7145
	8.5		9/16/32-09/17/932	H	-		4553	6909
	5.4		10/18/30-10/20/930	A	GL	1-26	4410	7540
	4.8(	2000- 24)	11/06/63-11/10/963	H	-		4416	7118
11(	3)							
	7.0		11/18/09-11/23/909	A	NP	4- 6	4335	11540
B	4.4		11/12/30-11/17/930	R	-		4140	11525
B	2.2(	5000- 24)	10/01/46-10/02/946	R	-		4349	11512
13(	4)							
	9.0		9/27/23-10/01/923	A	MR	4-23	4352	10547
	4.1		9/09/33-09/11/933	R	-		3930	10506
B	2.2		10/04/11-10/06/911	R	-		3901	10731
	1.8		10/10/99-10/15/899	R	-		3923	10806
15(	9)							
	17.8		9/17/26-09/19/926	A	MR	4-24	4312	9600
	11.5	-	9/10/72-09/12/972	H	-		4143	9515
	8.3	-	9/16/19-09/19/919	A	MR	2-23	4020	9734
	8.1		9/09/11-09/11/911	R	-		3944	9506
	8.0		9/06/09-09/09/909	A	MR	1-28	3904	9537
17(	4)							
	11.3		10/09/54-10/10/954	H	-		4145	8820
	7.8(	100- 21)	9/08/26-09/09/926	A	OR	4-22	3930	8811
	5.8		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	4.5		9/26/26-10/05/926	H	-		4008	8855
19(	9)							
	18.8(	100- 12)	9/01/40-09/01/940	H	-		3942	7512
	8.7		9/12/04-09/15/904	A	NA	1- 9	3935	7525
	7.1		9/27/96-09/30/896	A	SA	1-19	3923	7822
	7.1		9/24/02-09/27/902	A	SA	1- 5	3940	7606
	6.9		9/27/67-09/29/967	H	-		4215	7825
21(	0)							
23(	4)							
	7.1		10/27/46-10/29/946	H	-		3725	11402
	6.4		9/04/39-09/07/939	H	-		3444	11337
	4.3		11/25/05-11/28/905	H	-		3413	11245
	4.0		10/10/47-10/15/947	H	-		3418	11015
25(	2)							
	9.1		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	6.3		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	9.2		11/17/06-11/21/906	A	LMV	1- 4	3439	9028
	8.9		11/16/21-11/19/921	A	SW	1-24	3515	9144
	8.8		10/07/19-10/12/919	A	UMV	3- 6B	3444	9214
	8.4		9/20/25-09/22/925	A	MR	3- 6	3723	9357
	8.2		9/06/37-09/10/937	A	SW	2-15	3622	9413
29(	10)							
	9.9		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	9.9		10/13/14-10/16/914	A	SA	2- 8	3546	8216
	8.2		10/24/18-10/27/918	A	SA	2-10	3513	8214
	8.1		9/21/98-09/23/898	A	SA	2- 3	3600	8134
	7.7		10/26/18-10/31/918	A	SA	3-14	3502	8312
31(	1)							
	5.1		10/03/25-10/06/925	R	-		3317	11652
33(	2)							
	6.4		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	5.4		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	31.9		9/08/21-09/10/921	A	GM	4-12	3035	9718
	17.6		11/22/40-11/25/940	A	GM	5-13	3008	9608
	15.5		9/26/46-09/27/946	A	GM	5-24	2920	9829
	11.5		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	9.0		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	7)							
	16.7		9/17/26-09/21/926	A	SA	4-23	3053	8747
	11.1		11/06/43-11/08/943	A	GM	5-22	3126	8724
	10.5		9/29/29-10/03/929	A	SA	5-23	3038	8543
	10.1		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	9.0		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	17.6		9/19/67-09/24/967	A	SW	3-24	2618	9955
	10.7		9/10/61-09/13/961	H	-		2858	9557
	10.5		9/14/19-09/15/919	A	GM	5-15A	2821	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LOCATION LONG
2(	3)							
B	3.7		11/17/46-11/20/946	R	-		4410	11510
	3.6(	200- 24)	11/17/09-11/20/909	H	-		4812	11541
B	2.6(	200- 24)	11/18/21-11/21/921	R	-		4425	11555
4(	1)							
	3.4		9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.6(	1000- 24)	10/09/49-10/10/949	H	-		4817	9806
	3.1(	1000- 24)	11/13/44-11/14/944	H	-		4814	9740
8(	0)							
10(	2)							
	8.2		11/15/42-11/19/942	R	-		3900	12030
B	6.5(	1921- 24)	11/15/50-11/21/950	H	-		3910	12030
12(	3)							
	4.4(	100- 18)	10/11/28-10/14/928	H	-		4020	11030
B	4.0		11/18/46-11/20/946	R	-		4350	11400
B	2.2(	200- 24)	9/16/47-09/18/947	R	-		4225	11208
14(	1)							
	5.1		9/11/33-09/12/933	R	-		4009	10113
16(	8)							
	10.7		9/05/58-09/06/958	H	-		4130	9440
	7.8		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	7.7		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	7.3		9/11/15-09/16/915	A	UMV	1-15	4258	9007
	7.1(	1000- 24)	9/11/61-09/13/961	H	-		3941	9203
18(	3)							
	12.1		9/10/78-09/13/878	A	OR	9-19	4145	8046
	5.6		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	3.7		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	12)							
	12.8		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	11.6(	200- 24)	9/16/32-09/17/932	H	-		4122	7150
	11.1		10/03/69-10/04/869	H	-		4150	7254
	10.6		9/20/82-09/24/882	A	NA	1- 3	4055	7410
	10.2		9/13/33-09/18/933	H	-		4203	7017
22(	2)							
	14.7		11/13/50-11/21/950	R	-		3630	11830
	8.7		11/18/46-11/20/946	R	-		3635	11835
24(	8)							
	6.5		10/04/11-10/06/911	A	SW	2-30	3753	10739
	6.3		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	5.7		9/03/70-09/07/970	H	-		3738	10904
	3.8(	500- 24)	10/04/11-10/06/911	H	-		3750	10920
	3.1		9/20/29-09/23/929	A	SW	2-28	3509	10539
26(	22)							
	19.6		9/02/40-09/06/940	A	SW	2-18	3615	9636
	17.1(	100- 14)	10/10/73-10/11/973	H	-		3625	9752
	12.7		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	10.6		9/06/15-09/09/915	A	MR	2-11	3756	9510
	10.4		10/18/41-10/22/941	A	MR	6- 2	3834	9740
28(	4)							
	8.9		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	8.1		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	4.1		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
	3.8(	100- 9)	9/01/22-09/01/922	A	UMV	3- 9B	3723	8940
30(	13)							
	12.9		9/13/24-09/17/924	A	SA	3-16	3444	7639
	12.3		9/18/44-09/19/944	H	-		3753	7843
	11.8		10/11/42-10/17/942	A	SA	1-28B	3515	7540
	11.7		9/28/70-10/01/870	H	-		3741	7925
	11.4		9/16/28-09/19/928	A	SA	2-15	3417	7952
32(	2)							
	8.6		9/03/70-09/07/970	H	-		3349	11056
	3.6		9/03/70-09/07/970	H	-		3226	11042
34(	2)							
	20.4		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	9.0		9/20/41-09/23/941	A	GM	5-19	3210	10444
36(	12)							
	13.9		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	13.6		9/16/08-09/20/908	A	LMV	3-15	2945	9320
	13.0		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	12.8		9/19/09-09/22/909	A	LMV	3-16	3046	9122
	12.4		11/12/22-11/15/922	A	LMV	3-29	3002	9230
38(	7)							
	35.2		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	26.1		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	21.8		10/04/24-10/11/924	A	SA	4-20	2907	8055
	15.1		9/23/29-09/28/929	A	SA	3-20	3156	8156
	8.6		9/16/01-09/19/901	A	SA	2- 5	3204	8413
40(	2)							
	11.5		9/04/33-09/07/933	H	-		2837	8146
	11.3(	200- 24)	9/24/94-09/26/894	H	-		2827	8146

FIVE GREATEST OBSERVED 100 SQUARE MILE- 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



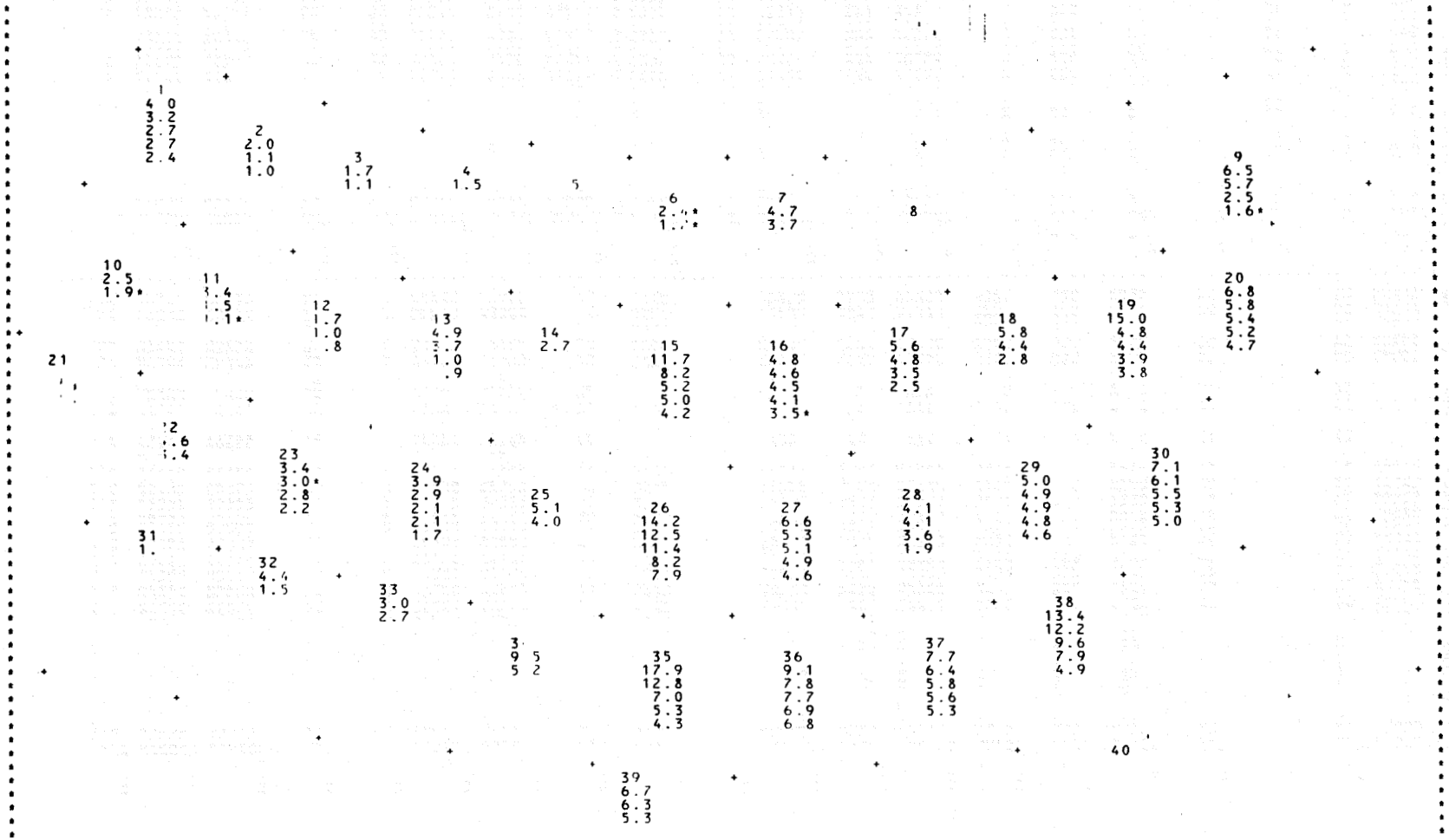
* AREA IS GREATER THAN 100 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 100 SQUARE MILE - 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	7)							
	11.8		11/18/21-11/22/921	H	-		4548	12156
	11.3		10/26/37-10/28/937	H	-		4840	12135
	10.3		11/16/11-11/20/911	H	-		4730	12330
	8.7		10/21/34-10/26/934	H	-		4609	12202
	8.5		10/26/37-10/28/937	H	-		4730	12330
3(	2)							
	5.1		9/03/11-09/06/911	A	MR	5-18	4855	11133
	3.2(	100- 36)	9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	8.2		9/15/42-09/19/942	A	UMV	1-25	4457	9217
	6.2		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
9(	4)							
	10.3		11/02/27-11/04/927	A	NA	1-17	4403	7145
	8.6(	100- 30)	9/16/32-09/17/932	H		-	4553	6909
	7.0(	2000- 48)	11/06/63-11/10/963	H		-	4416	7118
	5.7		10/18/30-10/20/930	A	GL	1-26	4410	7540
11(	3)							
	10.0		11/18/09-11/23/909	A	NP	4- 6	4335	11540
B	6.1		11/12/30-11/17/930	R		-	4140	11525
B	2.3(	5000- 30)	10/01/46-10/02/946	R		-	4349	11512
13(	4)							
	15.9		9/27/23-10/01/923	A	MR	4-23	4352	10547
	4.4		9/09/33-09/11/933	R		-	3930	10506
	2.9		10/10/99-10/15/899	R		-	3923	10806
B	2.4(	100- 42)	10/04/11-10/06/911	R		-	3901	10731
15(	9)							
	18.9		9/10/72-09/12/972	H		-	4143	9515
	17.8		9/17/26-09/19/926	A	MR	4-24	4312	9600
	8.6		9/06/09-09/09/909	A	MR	1-28	3904	9537
	8.6		9/16/19-09/19/919	A	MR	2-23	4020	9734
	8.4(	100- 42)	9/09/11-09/11/911	R		-	3944	9506
17(	4)							
	11.3(	100- 24)	10/09/54-10/10/954	H		-	4145	8820
	7.8(	100- 30)	9/08/26-09/09/926	A	OR	4-22	3930	8811
	6.8		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	4.5		9/26/26-10/05/926	H		-	4008	8855
19(	9)							
	18.8(	100- 12)	9/01/40-09/01/940	H		-	3942	7512
	8.7		9/12/04-09/15/904	A	NA	1- 9	3935	7525
	8.3		9/24/02-09/27/902	A	SA	1- 5	3940	7606
	7.2		9/22/12-09/25/912	A	SA	1-22A	3941	7721
	7.2		9/08/90-09/13/890	H		-	4212	7733
21(	0)							
23(	4)							
	9.9		10/27/46-10/29/946	H		-	3725	11402
	6.8		9/04/39-09/07/939	H		-	3444	11337
	4.7		11/25/05-11/28/905	H		-	3413	11245
	4.6		10/10/47-10/15/947	H		-	3418	11015
25(	2)							
	9.1		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	6.3		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	11.5		11/16/21-11/19/921	A	SW	1-24	3515	9144
	10.5		9/28/27-10/02/927	A	MR	3-14	3548	9342
	10.4		10/25/19-10/28/919	A	LMV	1-13A	3759	9122
	9.8		11/17/06-11/21/906	A	LMV	1- 4	3439	9028
	9.7		9/06/37-09/10/937	A	SW	2-15	3622	9413
29(	10)							
	12.0		10/02/98-10/04/898	A	SA	3- 7	3501	8312
	11.4		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	11.2		10/13/14-10/16/914	A	SA	2- 8	3546	8216
	9.8		10/24/18-10/27/918	A	SA	2-10	3513	8214
	9.0		10/26/18-10/31/918	A	SA	3-14	3502	8312
31(	1)							
	5.6		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	8.3		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	7.4		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	32.9		9/08/21-09/10/921	A	GM	4-12	3035	9718
	19.5		11/22/40-11/25/940	A	GM	5-13	3008	9608
	15.5(	100- 24)	9/26/46-09/27/946	A	GM	5-24	2920	9829
	13.9		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	9.5		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	7)							
	18.0		9/17/26-09/21/926	A	SA	4-23	3053	8747
	13.5		9/29/29-10/03/929	A	SA	3-23	3038	8543
	12.3		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	11.1		11/06/43-11/08/943	A	GM	5-22	3126	8724
	10.5		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	23.9		9/19/47-09/24/967	A	SW	3-24	2618	9955
	16.2		[illegible]	H		-	2858	9557
	11.6(	100- 42)	9/14/19-09/15/919	A	GM	5-15A	2855	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	3)							
	6.6(	200- 48)	11/17/09-11/20/909	H		-	4812	11541
B	5.5		11/17/46-11/20/946	R		-	4410	11510
B	4.4(	200- 48)	11/18/21-11/21/921	R		-	4425	11555
4(	1)							
	3.8(	100- 42)	9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.6(	1000- 30)	10/09/49-10/10/949	H		-	4817	9806
	3.4(	1000- 36)	11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	2)							
	12.7		11/15/42-11/19/942	R		-	3900	12030
B	8.9(	1921- 48)	11/15/50-11/21/950	H		-	3910	12030
12(	3)							
B	6.0		11/18/46-11/20/946	R		-	4350	11400
	4.4(	100- 18)	10/11/28-10/14/928	H		-	4020	11030
B	2.4(	200- 48)	9/16/47-09/18/947	R		-	4225	11208
14(	1)							
	5.1(	100- 30)	9/11/33-09/12/933	R		-	4009	10113
16(	8)							
	10.7(	100- 24)	9/05/58-09/06/958	H		-	4130	9440
	8.5		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	8.0(	1000- 48)	9/11/61-09/13/961	H		-	3941	9203
	7.8		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	7.3		9/11/15-09/16/915	A	UMV	1-15	4258	9007
18(	3)							
	14.1		9/10/78-09/13/878	A	OR	9-19	4145	8046
	5.6		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	5.1		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	13)							
	15.7		9/20/82-09/24/882	A	NA	1- 3	4055	7410
	14.0		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	13.0		9/17/38-09/22/938	A	NA	2- 2	4140	7240
	12.3		9/13/33-09/18/933	H		-	4203	7017
	11.8(	100- 36)	10/03/69-10/04/869	H		-	4150	7254
22(	2)							
	16.4		11/13/50-11/21/950	R		-	3630	11830
	9.8		11/18/46-11/20/946	R		-	3635	11835
24(	8)							
	7.2		10/04/11-10/06/911	A	SW	2-30	3753	10739
	7.0		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	4.7		9/03/70-09/07/970	H		-	3738	10904
	4.1(	500- 30)	10/04/11-10/06/911	H		-	3750	10920
	3.9		9/03/09-09/07/909	R		-	3739	10748
26(	22)							
	19.8		9/02/40-09/06/940	A	SW	2-18	3615	9636
	17.1(	100- 14)	10/10/73-10/11/973	H		-	3625	9752
	13.8		10/19/08-10/24/908	A	SW	1-11	3530	9654
	12.7		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	10.6		9/06/15-09/09/915	A	MR	2-11	3756	9510
28(	4)							
	13.4		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	9.9		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	5.1		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
	3.8(	100- 9)	9/01/22-09/01/922	A	UMV	3- 9B	3723	8940
30(	13)							
	16.6		10/11/42-10/17/942	A	SA	1-28A	3831	7826
	15.8		9/02/35-09/06/935	A	SA	1-26	3846	7601
	15.1		9/18/44-09/19/944	H		-	3753	7843
	13.7		9/13/24-09/17/924	A	SA	3-1A	3444	7925
	13.2		9/28/70-10/01/870	H			[illegible]	7925
32(	2)							
	9.1		9/03/70-09/07/970	H		-	3349	11056
	5.4		9/03/70-09/07/970	H		-	3226	11042
34(	2)							
	23.5		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	13.0		9/20/41-09/23/941	A	GM	5-19	3210	10444
36(	13)							
	16.0		9/16/08-09/20/908	A	LMV	3-15	2945	9320
	15.7		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	13.9		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	13.1		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	12.8		9/19/09-09/22/909	A	LMV	3-16	3046	9122
38(	7)							
	38.9		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	30.9		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	22.3		10/04/24-10/11/924	A	SA	4-20	2907	8055
	18.4		9/23/29-09/28/929	A	SA	3-20	3156	8156
	11.2		9/16/01-09/19/901	A	SA	2- 5	3204	8413
40(	2)							
	13.4		9/04/33-09/07/933	H		-	2837	8146
	11.1	500- 48)	[illegible]	H		-	2827	8146

FIVE GREATEST OBSERVED 200 SQUARE MILE- 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



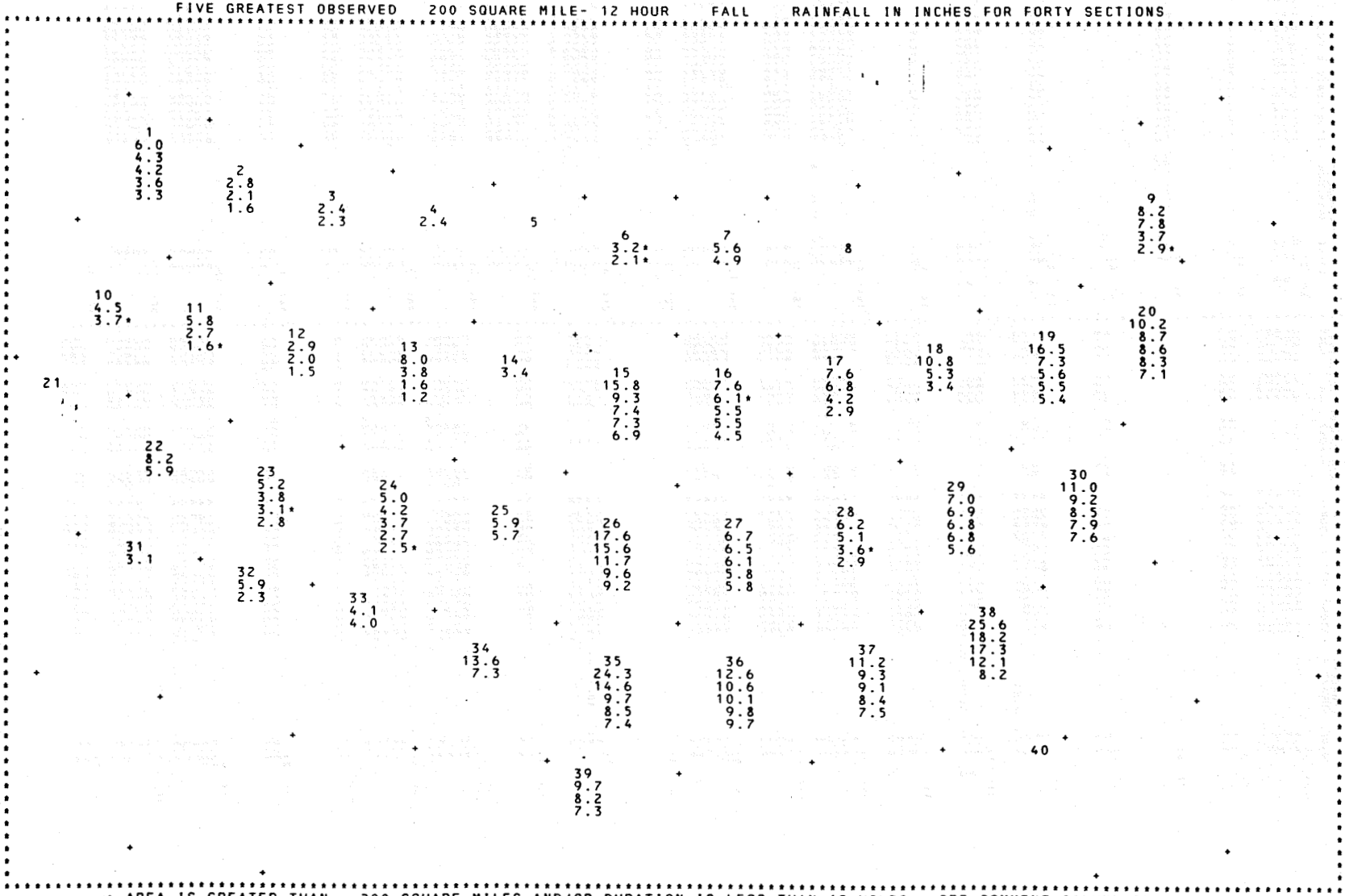
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)					
	4.0		11/16/11-11/20/911 H	-	4730	12330
	3.2		10/26/37-10/28/937 H	-	4840	12135
	2.7		11/18/21-11/22/921 H	-	4548	12156
	2.7		10/26/37-10/28/937 H	-	4730	12330
	2.4		10/21/34-10/26/934 H	-	4609	12202
3(	2)					
	1.7		9/03/11-09/06/911 A	MR 5-18	4855	11133
	1.1		9/27/19-09/28/919 A	MR 5-24	4834	11301
5(	0)					
7(	2)					
	4.7		9/15/42-09/19/942 A	UMV 1-25	4457	9217
	3.7		9/11/03-09/15/903 A	UMV 2- 3	4425	9203
9(	4)					
	6.5		9/16/32-09/17/932 H	-	4553	6909
	5.7		11/02/27-11/04/927 A	NA 1-17	4403	7145
	2.5		10/18/30-10/20/930 A	GL 1-26	4410	7540
	1.6(	2000- 6)	11/06/63-11/10/963 H	-	4416	7118
11(	3)					
	3.4		11/18/09-11/23/909 A	NP 4- 6	4335	11540
B	1.5		11/12/30-11/17/930 R	-	4140	11525
B	1.1(	5000- 6)	10/01/46-10/02/946 R	-	4349	11512
13(	4)					
	4.9		9/27/23-10/01/923 A	MR 4-23	4352	10547
	3.7		9/09/33-09/11/933 R	-	3930	10506
	1.0		10/10/99-10/15/899 R	-	3923	10806
B	0.9		10/04/11-10/06/911 R	-	3901	10731
15(	9)					
	11.7		9/17/26-09/19/926 A	MR 4-24	4312	9600
	8.2		9/10/72-09/12/972 H	-	4143	9515
	5.2		9/16/19-09/19/919 A	MR 2-23	4020	9734
	5.0		9/13/30-09/14/930 A	MR 3-26A	3928	9544
	4.2		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	5.6		9/08/26-09/09/926 A	OR 4-22	3930	8811
	4.8		10/09/54-10/10/954 H	-	4145	8820
	3.5		9/30/41-10/07/941 A	UMV 3-20C	4135	8645
	2.5		9/26/26-10/05/926 H	-	4008	8855
19(	9)					
	15.0		9/01/40-09/01/940 H	-	3942	7512
	4.8		9/24/02-09/27/902 A	SA 1- 5	3940	7606
	4.4		9/12/04-09/15/904 A	NA 1- 9	3935	7525
	3.9		9/27/96-09/30/896 A	SA 1-19	3923	7822
	3.8		10/09/22-10/10/922 A	SA 1- 9	3917	7637
21(	0)					
23(	4)					
	3.4		9/04/39-09/07/939 H	-	3444	11337
	3.0(	500- 6)	11/25/05-11/28/905 H	-	3413	11245
	2.8		10/27/46-10/29/946 H	-	3725	11402
	2.2		10/10/47-10/15/947 H	-	3418	11015
25(	2)					
	5.1		10/09/30-10/12/930 A	SW 2- 6	3512	10317
	4.0		10/18/08-10/19/908 A	SW 2-23	3803	10238
27(	17)					
	6.6		9/06/37-09/10/937 A	SW 2-15	3622	9413
	5.3		9/12/05-09/19/905 A	UMV 2-18	3858	9245
	5.1		10/16/05-10/19/905 A	UMV 2- 6	3838	9113
	4.9		11/10/09-11/16/909 A	MR 1-23	3652	9422
	4.6		9/02/22-09/03/922 A	UMV 3- 9A	3839	9420
29(	9)					
	5.0		10/13/14-10/16/914 A	SA 2- 8	3546	8216
	4.9		9/21/98-09/23/898 A	SA 2- 3	3600	8134
	4.9		9/08/88-09/12/888 A	SA 3- 2	3411	8202
	4.8		10/26/18-10/31/918 A	SA 3-14	3502	8312
	4.6		9/22/12-09/25/912 A	SA 1-22B	3415	8037
31(	1)					
	1.7		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	3.0		9/15/19-09/17/919 A	GM 5-15B	3341	10511
	2.7		9/27/41-09/29/941 A	SW 3- 1	3304	10602
35(	10)					
	17.9		9/08/21-09/10/921 A	GM 4-12	3035	9718
	12.8		9/26/46-09/27/946 A	GM 5-24	2920	9829
	7.0		11/22/40-11/25/940 A	GM 5-13	3008	9608
	5.3		9/25/36-09/28/936 A	GM 5- 8	3201	9708
	4.3		9/28/03-10/01/903 A	SW 1- 4	3337	9708
37(	6)					
	7.7		9/17/26-09/21/926 A	SA 4-23	3053	8747
	6.4		11/06/43-11/08/943 A	GM 5-22	3126	8724
	5.8		11/19/34-11/21/934 A	LMV 1-18	3138	8819
	5.6		9/29/29-10/03/929 A	SA 3-23	3038	8543
	5.3		9/28/98-10/01/898 A	LMV 1- 3	3025	8713
39(	3)					
	6.7		9/19/67-09/24/967 A	SW 3-24	2618	9955
	6.3		9/14/19-09/15/919 A	GM 5-15A	2821	9807
	5.3		9/10/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)					
	2.0		11/17/09-11/20/909 H	-	4812	11541
B	1.1		11/17/46-11/20/946 R	-	4410	11510
B	1.0		11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	1.5		9/06/41-09/08/941 A	MR 6-20	4525	10755
6(	2)					
	2.4(	1000- 6)	10/09/49-10/10/949 H	-	4817	9806
	1.2(	1000- 6)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	2.5		11/15/42-11/19/942 R	-	3900	12030
B	1.9(	1921- 6)	11/15/50-11/21/950 H	-	3910	12030
12(	3)					
	1.7		10/11/28-10/14/928 H	-	4020	11030
B	1.0		11/18/46-11/20/946 R	-	4350	11400
B	0.8		9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	2.7		9/11/33-09/12/933 R	-	4009	10113
16(	8)					
	4.8		9/05/58-09/06/958 H	-	4130	9440
	4.6		10/27/00-10/30/900 A	UMV 1- 7A	4348	9115
	4.5		9/10/28-09/14/928 A	MR 3-19	4043	9253
	4.1		9/08/42-09/08/942 A	UMV 2-21	4138	9133
	3.5(	1000- 6)	9/11/61-09/13/961 H	-	3941	9203
18(	3)					
	5.8		9/10/78-09/13/878 A	OR 9-19	4145	8046
	4.4		9/01/22-09/04/922 A	OR 1-27A	3931	8445
	2.8		9/01/22-09/04/922 A	OR 1-27B	3955	8045
20(	12)					
	6.8		9/16/32-09/17/932 H	-	4122	7150
	5.8		10/03/69-10/04/869 H	-	4150	7254
	5.4		9/12/44-09/15/944 A	NA 2-16	4029	7427
	5.2		9/13/33-09/18/933 H	-	4203	7017
	4.7		10/07/03-10/11/903 A	GL 4- 9	4055	7410
22(	2)					
	4.6		11/13/50-11/21/950 R	-	3630	11830
	3.4		11/18/46-11/20/946 R	-	3635	11835
24(	8)					
	3.9		9/03/70-09/07/970 H	-	3738	10904
	2.9		9/26/04-09/30/904 A	SW 1- 6	3552	10520
	2.1		9/20/29-09/23/929 A	SW 2-28	3509	10539
	2.1		10/04/11-10/06/911 A	SW 2-30	3753	10739
	1.7		9/06/27-09/10/927 R	-	3733	10749
26(	22)					
	14.2		10/10/73-10/11/973 H	-	3625	9752
	12.5		9/02/40-09/06/940 A	SW 2-18	3615	9636
	11.4		9/11/26-09/16/926 A	SW 2- 1	3800	9533
	8.2		9/04/01-09/08/901 A	MR 1- 6	3827	9954
	7.9		9/29/23-10/02/923 A	MR 3- 1A	3717	9835
28(	4)					
	4.1		9/28/98-10/01/898 A	LMV 1- 3A	3653	8935
	4.1		10/03/10-10/06/910 A	OR 4- 8	3722	8829
	3.6		9/01/22-09/01/922 A	UMV 3- 9B	3723	8940
	1.9		10/30/19-11/01/919 A	LMV 1-13B	3729	8618
30(	13)					
	7.1		9/13/24-09/17/924 A	SA 3-16	3444	7639
	6.1		10/11/42-10/17/942 A	SA 1-28B	3515	7540
	5.5		9/16/28-09/19/928 A	SA 2-15	3417	7952
	5.3		9/04/28-09/07/928 A	SA 2-14	3411	7923
	5.0		9/18/44-09/19/944 H	-	3753	7843
32(	2)					
	4.4		9/03/70-09/07/970 H	-	3349	11056
	1.5		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	9.5		9/14/36-09/18/936 A	GM 5- 7	3147	10050
	5.2		9/20/41-09/23/941 A	GM 5-19	3210	10444
36(	12)					
	9.1		9/28/15-09/30/915 A	LMV 2-13	3051	9010
	7.8		11/12/22-11/15/922 A	LMV 3-29	3002	9230
	7.7		9/06/93-09/10/893 A	LMV 3- 2	2947	9130
	6.9		9/19/09-09/22/909 A	LMV 3-16	3046	9122
	6.8		9/05/29-09/09/929 A	LMV 4-13	2956	9003
38(	6)					
	13.4		9/03/50-09/07/950 A	SA 5- 8	2903	8242
	12.2		10/04/24-10/11/924 A	SA 4-20	2907	8055
	9.6		10/17/41-10/22/941 A	SA 5- 6	2948	8257
	7.9		9/23/29-09/28/929 A	SA 3-20	3156	8156
	4.9		9/16/01-09/19/901 A	SA 2- 5	3204	8413
40(	0)					

FIVE GREATEST OBSERVED 200 SQUARE MILE- 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



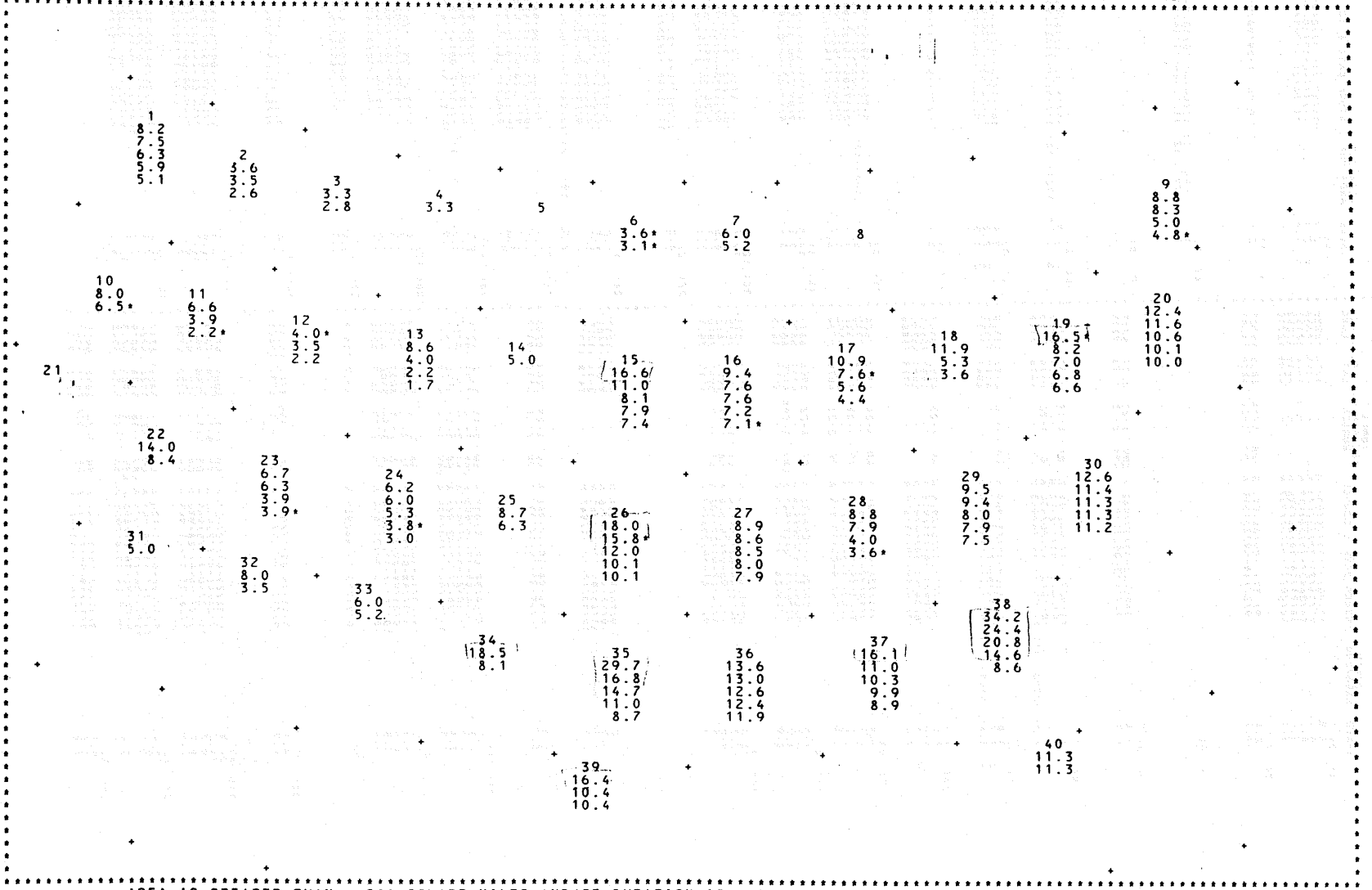
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)					
	6.0		11/16/11-11/20/911 H	-	4730	12330
	4.3		11/18/21-11/22/921 H	-	4548	12156
	4.2		10/26/37-10/28/937 H	-	4840	12135
	3.6		10/21/34-10/26/934 H	-	4609	12202
	3.3		10/26/37-10/28/937 H	-	4730	12330
3(	2)					
	2.4		9/03/11-09/06/911 A MR	5-18	4855	11133
	2.3		9/27/19-09/28/919 A MR	5-24	4834	11301
5(	0)					
7(	2)					
	5.6		9/15/42-09/19/942 A UMV	1-25	4457	9217
	4.9		9/11/03-09/15/903 A UMV	2- 3	4425	9203
9(	4)					
	8.2		11/02/27-11/04/927 A MA	1-17	4403	7145
	7.8		9/16/32-09/17/932 H	-	4553	6909
	3.7		10/18/30-10/20/930 A GL	1-26	4410	7540
	2.9(	2000- 12)	11/06/63-11/10/963 H	-	4416	7118
11(	3)					
	5.8		11/18/09-11/23/909 A NP	4- 6	4335	11540
B	2.7		11/12/30-11/17/930 R	-	4140	11525
B	1.6(	5000- 12)	10/01/46-10/02/946 R	-	4349	11512
13(	4)					
	8.0		9/27/23-10/01/923 A MR	4-23	4352	10547
	3.8		9/09/33-09/11/933 R	-	3930	10506
B	1.6		10/04/11-10/06/911 R	-	3901	10731
	1.2		10/10/99-10/15/899 R	-	3923	10806
15(	9)					
	15.8		9/17/26-09/19/926 A MR	4-24	4312	9600
	9.3		9/10/72-09/12/972 H	-	4143	9515
	7.4		9/06/09-09/09/909 A MR	1-28	3904	9537
	7.3		9/09/11-09/11/911 R	-	3944	9506
	6.9		9/16/19-09/19/919 A MR	2-23	4020	9734
17(	4)					
	7.6		9/08/26-09/09/926 A OR	4-22	3930	8811
	6.8		10/09/54-10/10/954 H	-	4145	8820
	4.2		9/30/41-10/07/941 A UMV	3-20C	4135	8645
	2.9		9/26/26-10/05/926 H	-	4008	8855
19(	9)					
	16.5		9/01/40-09/01/940 H	-	3942	7512
	7.3		9/12/04-09/15/904 A NA	1- 9	3935	7525
	5.6		9/27/96-09/30/896 A SA	1-19	3923	7822
	5.5		9/24/02-09/27/902 A SA	1- 5	3940	7606
	5.4		9/27/67-09/29/967 H	-	4215	7825
21(	0)					
23(	4)					
	5.2		9/04/39-09/07/939 H	-	3444	11337
	3.8		10/27/46-10/29/946 H	-	3725	11402
	3.1(	500- 12)	11/25/05-11/28/905 H	-	3413	11245
	2.8		10/10/47-10/15/947 H	-	3418	11015
25(	2)					
	5.9		10/18/08-10/19/908 A SW	2-23	3803	10238
	5.7		10/09/30-10/12/930 A SW	2- 6	3512	10317
27(	17)					
	6.7		9/06/37-09/10/937 A SW	2-15	3622	9413
	6.5		10/16/05-10/19/905 A UMV	2- 6	3838	9113
	6.1		9/20/25-09/22/925 A MR	3- 6	3723	9357
	5.8		9/28/27-10/02/927 A MR	3-14	3548	9342
	5.8		11/17/06-11/21/906 A LMV	1- 4	3439	9028
29(	9)					
	7.0		10/13/14-10/16/914 A SA	2- 8	3546	8216
	6.9		9/08/88-09/12/888 A SA	3- 2	3411	8202
	6.8		9/21/98-09/23/898 A SA	2- 3	3600	8134
	6.8		10/26/18-10/31/918 A SA	3-14	3502	8312
	5.6		10/24/18-10/27/918 A SA	2-10	3513	8214
31(	1)					
	3.1		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	4.1		9/15/19-09/17/919 A GM	5-15B	3341	10511
	4.0		9/27/41-09/29/941 A SW	3- 1	3304	10602
35(	10)					
	24.3		9/08/21-09/10/921 A GM	4-12	3035	9718
	14.6		9/26/46-09/27/946 A GM	5-24	2920	9829
	9.7		11/22/40-11/25/940 A GM	5-13	3008	9608
	8.5		9/25/36-09/28/936 A GM	5- 8	3201	9708
	7.4		9/28/03-10/01/903 A SW	1- 4	3337	9708
37(	6)					
	11.2		9/17/26-09/21/926 A SA	4-23	3053	8747
	9.3		11/06/43-11/08/943 A GM	5-22	3126	8724
	9.1		11/19/34-11/21/934 A LMV	1-18	3138	8819
	8.4		9/28/98-10/01/898 A LMV	1- 3	3025	8713
	7.5		9/29/29-10/03/929 A SA	3-23	3038	8543
39(	3)					
	9.7		9/19/67-09/24/967 A SW	3-24	2618	9955
	8.2		9/14/19-09/15/919 A GM	5-15A	2821	9807
	7.3		9/12/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)					
	2.8		11/17/09-11/20/909 H	-	4812	11541
B	2.1		11/17/46-11/20/946 R	-	4410	11510
B	1.6		11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	2.4		9/06/41-09/08/941 A MR	6-20	4525	10755
6(	2)					
	3.2(	1000- 12)	10/09/49-10/10/949 H	-	4817	9806
	2.1(	1000- 12)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	4.5		11/15/42-11/19/942 R	-	3900	12030
B	3.7(	1921- 12)	11/15/50-11/21/950 H	-	3910	12030
12(	3)					
	2.9		10/11/28-10/14/928 H	-	4020	11030
B	2.0		11/18/46-11/20/946 R	-	4350	11400
B	1.5		9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	3.4		9/11/33-09/12/933 R	-	4009	10113
16(	8)					
	7.6		9/05/58-09/06/958 H	-	4130	9440
	6.1(	1000- 12)	9/11/61-09/13/961 H	-	3941	9203
	5.5		10/27/00-10/30/900 A UMV	1- 7A	4348	9115
	5.5		9/30/41-10/07/941 A UMV	3-20B	4058	9023
	4.5		9/10/28-09/14/928 A MR	3-19	4043	9253
18(	3)					
	10.8		9/10/78-09/13/878 A OR	9-19	4145	8046
	5.3		9/01/22-09/04/922 A OR	1-27A	3931	8445
	3.4		9/01/22-09/04/922 A OR	1-27B	3955	8045
20(	12)					
	10.2		9/16/32-09/17/932 H	-	4122	7150
	8.7		10/03/69-10/04/869 H	-	4150	7256
	8.6		9/13/33-09/18/933 H	-	4203	7017
	8.3		9/20/82-09/24/882 A NA	1- 3	4055	7410
	7.1		10/07/03-10/11/903 A GL	4- 9	4055	7410
22(	2)					
	8.2		11/13/50-11/21/950 R	-	3630	11830
	5.9		11/18/46-11/20/946 R	-	3635	11835
24(	8)					
	5.0		9/03/70-09/07/970 H	-	3738	10904
	4.2		10/04/11-10/06/911 A SW	2-30	3753	10739
	3.7		9/26/04-09/30/904 A SW	1- 6	3552	10520
	2.7		9/20/29-09/23/929 A SW	2-28	3509	10539
	2.5(	500- 12)	10/04/11-10/06/911 H	-	3750	10920
26(	22)					
	17.6		9/02/40-09/06/940 A SW	2-18	3615	9636
	15.6		10/10/73-10/11/973 H	-	3625	9752
	11.7		9/11/26-09/16/926 A SW	2- 1	3800	9533
	9.6		10/18/41-10/22/941 A MR	6- 2	3834	9740
	9.2		9/06/15-09/09/915 A MR	2-11	3756	9510
28(	4)					
	6.2		10/03/10-10/06/910 A OR	4- 8	3722	8829
	5.1		9/28/98-10/01/898 A LMV	1- 3A	3653	8935
	3.6(	200- 9)	9/01/22-09/01/922 A LMV	3- 9B	3725	8940
	2.9		10/30/19-11/01/919 A LMV	1-13B	3729	8618
30(	13)					
	11.0		9/13/24-09/17/924 A SA	3-16	3444	7639
	9.2		9/16/28-09/19/928 A SA	2-15	3417	7952
	8.5		10/11/42-10/17/942 A SA	1-28B	3515	7540
	7.9		9/18/44-09/19/944 H	-	3753	7843
	7.6		9/28/70-10/01/870 H	-	3741	7925
32(	2)					
	5.9		9/03/70-09/07/970 H	-	3349	11056
	2.3		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	13.6		9/14/36-09/18/936 A GM	5- 7	3147	10050
	7.3		9/20/41-09/23/941 A GM	5-19	3210	10444
36(	12)					
	12.6		9/28/15-09/30/915 A LMV	2-13	3051	9010
	10.6		9/06/93-09/10/893 A LMV	3- 2	2947	9130
	10.1		9/16/08-09/20/908 A LMV	3-15	2945	9320
	9.8		9/19/09-09/22/909 A LMV	3-16	3046	9122
	9.7		11/12/22-11/15/922 A LMV	3-29	3002	9230
38(	6)					
	25.6		9/03/50-09/07/950 A SA	5- 8	2903	8242
	18.2		10/17/41-10/22/941 A SA	5- 6	2948	8257
	17.3		10/04/24-10/11/924 A SA	4-20	2907	8055
	12.1		9/23/29-09/28/929 A SA	3-20	3156	8156
	8.2		9/16/01-09/19/901 A SA	2- 5	3204	8413
40(	0)					

FIVE GREATEST OBSERVED 200 SQUARE MILE- 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



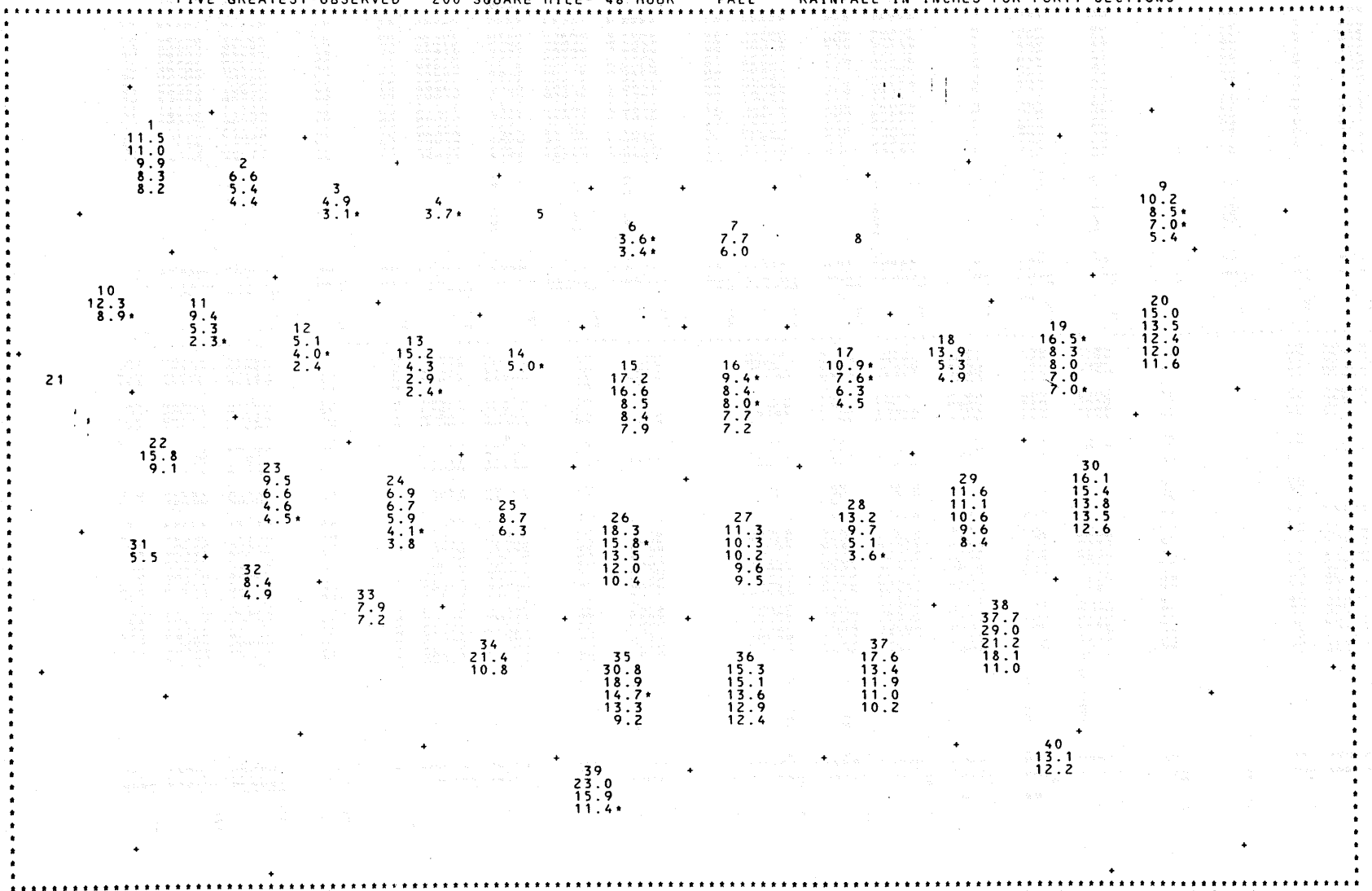
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	7)					
	8.2		11/16/11-11/20/911 H	-	4730	12330
	7.5		11/18/21-11/22/921 H	-	4568	12156
	6.3		10/26/37-10/28/937 H	-	4840	12135
	5.9		10/21/36-10/26/936 H	-	4609	12202
	5.1		10/26/37-10/28/937 H	-	4730	12330
3(	2)					
	3.3		9/03/11-09/06/911 A MR	5-18	4855	11133
	2.8		9/27/19-09/28/919 A MR	5-24	4834	11301
5(	0)					
7(	2)					
	6.0		9/15/42-09/19/942 A UMV	1-25	4457	9217
	5.2		9/11/03-09/15/903 A UMV	2- 3	4425	9203
9(	4)					
	8.8		11/02/27-11/06/927 A NA	1-17	4403	7145
	8.3		9/16/32-09/17/932 H	-	4553	6909
	5.0		10/18/30-10/20/930 A GL	1-26	4410	7540
	4.8(	2000- 24)	11/06/63-11/10/963 H	-	4416	7118
11(	3)					
	6.6		11/18/09-11/23/909 A NP	4- 6	4335	11540
B	3.9		11/12/30-11/17/930 R	-	4140	11525
B	2.2(	5000- 24)	10/01/46-10/02/946 R	-	4349	11512
13(	4)					
	8.6		9/27/23-10/01/923 A MR	4-23	4352	10547
	4.0		9/09/33-09/11/933 R	-	3930	10506
B	2.2		10/04/11-10/06/911 R	-	3901	10731
	1.7		10/10/99-10/15/899 R	-	3923	10806
15(	9)					
	16.6		9/17/26-09/19/926 A MR	4-24	4312	9600
	11.0		9/10/72-09/12/972 H	-	4143	9515
	8.1	-	9/16/19-09/19/919 A MR	2-23	4020	9734
	7.9	-	9/06/09-09/09/909 A MR	1-28	3904	9537
	7.4		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	10.9		10/09/54-10/10/954 H	-	4145	8820
	7.6(	200- 21)	9/08/26-09/09/926 A OR	4-22	3930	8811
	5.6		9/30/41-10/07/941 A UMV	3-20C	4135	8645
	4.4		9/26/26-10/05/926 H	-	4008	8855
19(	9)					
	16.5(	200- 12)	9/01/40-09/01/940 H	-	3942	7512
	8.2		9/12/04-09/15/904 A NA	1- 9	3935	7525
	7.0		9/27/96-09/30/896 A SA	1-19	3923	7822
	6.8		9/24/02-09/27/902 A SA	1- 5	3940	7606
	6.6		9/27/67-09/29/967 H	-	4215	7825
21(	0)					
23(	4)					
	6.7		10/27/46-10/29/946 H	-	3725	11402
	6.3		9/04/39-09/07/939 H	-	3444	11357
	3.9		10/10/47-10/15/947 H	-	3418	11015
	3.9(	500- 24)	11/25/05-11/28/905 H	-	3413	11245
25(	2)					
	8.7		10/09/30-10/12/930 A SW	2- 6	3512	10317
	6.3		10/18/08-10/19/908 A SW	2-23	3803	10238
27(	17)					
	8.9		11/17/06-11/21/906 A LMV	1- 4	3439	9028
	8.6		11/16/21-11/19/921 A SW	1-24	3515	9144
	8.5		10/07/19-10/12/919 A UMV	3- 6B	3444	9214
	8.0		9/20/25-09/22/925 A MR	3- 6	3723	9357
	7.9		9/06/37-09/10/937 A SW	2-15	3622	9413
29(	10)					
	9.5		9/08/88-09/12/888 A SA	3- 2	3411	8202
	9.4		10/13/14-10/16/914 A SA	2- 8	3546	8216
	8.0		9/21/98-09/23/898 A SA	2- 3	3600	8134
	7.9		10/24/18-10/27/918 A SA	2-10	3513	8214
	7.5		10/26/18-10/31/918 A SA	3-14	3502	8312
31(	1)					
	5.0		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	6.0		9/15/19-09/17/919 A GM	5-15B	3341	10511
	5.2		9/27/41-09/29/941 A SW	3- 1	3304	10602
35(	10)					
	29.7		9/08/21-09/10/921 A GM	4-12	3035	9718
	16.8		11/22/40-11/25/940 A GM	5-13	3008	9608
	14.7		9/26/46-09/27/946 A GM	5-24	2920	9829
	11.0		9/25/36-09/28/936 A GM	5- 8	3201	9708
	8.7		9/28/03-10/01/903 A SW	1- 4	3337	9708
37(	7)					
	16.1		9/17/26-09/21/926 A SA	4-23	3053	8747
	11.0		11/06/43-11/08/943 A GM	5-22	3126	8724
	10.3		9/29/29-10/03/929 A SA	3-23	3038	8543
	9.9		11/19/34-11/21/934 A LMV	1-18	3138	8819
	8.9		9/28/98-10/01/898 A LMV	1- 3	3025	8713
39(	3)					
	16.4		9/19/67-09/24/967 A SW	3-24	2618	9955
	10.4		9/10/61-09/13/961 H	-	2858	9557
	10.4		9/14/19-09/15/919 A GM	5-15A	2821	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	3)					
	3.6		11/17/09-11/20/909 H	-	4812	11541
B	3.5		11/17/46-11/20/946 R	-	4410	11510
B	2.6		11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	3.3		9/06/41-09/08/941 A MR	6-20	4525	10755
6(	2)					
	3.6(	1000- 24)	10/09/49-10/10/949 H	-	4817	9806
	3.1(	1000- 24)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	8.0		11/15/42-11/19/942 R	-	3900	12030
B	6.5(	1921- 24)	11/15/50-11/21/950 H	-	3910	12030
12(	3)					
	4.0(	200- 18)	10/11/28-10/14/928 H	-	4020	11030
B	3.5		11/18/46-11/20/946 R	-	4350	11400
B	2.2		9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	5.0		9/11/33-09/12/933 R	-	4009	10113
16(	8)					
	9.4		9/05/58-09/06/958 H	-	4130	9440
	7.6		9/30/41-10/07/941 A UMV	3-20B	4058	9023
	7.6		10/27/00-10/30/900 A UMV	1- 7A	4348	9115
	7.2		9/11/15-09/16/915 A UMV	1-15	4258	9007
	7.1(	1000- 24)	9/11/61-09/13/961 H	-	3941	9203
18(	3)					
	11.9		9/10/78-09/13/878 A OR	9-19	4145	8[illegible]
	5.3		9/01/22-09/04/922 A OR	1-27A	3931	8[illegible]
	3.6		9/01/22-09/04/922 A OR	1-27B	3955	80[illegible]
20(	12)					
	12.4		10/07/03-10/11/903 A GL	4- 9	4055	7410
	11.6		9/16/32-09/17/932 H	-	4122	7150
	10.6		10/03/69-10/04/869 H	-	4150	7254
	10.1		9/20/82-09/24/882 A NA	1- 3	4055	7410
	10.0		9/13/33-09/18/933 H	-	4203	7017
22(	2)					
	14.0		11/13/50-11/21/950 R	-	3630	11830
	8.4		11/18/46-11/20/946 R	-	3635	11835
24(	8)					
	6.2		9/26/04-09/30/904 A SW	1- 6	3552	10520
	6.0		10/04/11-10/06/911 A SW	2-30	3753	10739
	5.3		9/03/70-09/07/970 H	-	3738	10904
	3.8(	500- 24)	10/04/11-10/06/911 H	-	3750	10920
	3.0		9/20/29-09/23/929 A SW	2-28	3509	10539
26(	22)					
	18.0		9/02/40-09/06/940 A SW	2-18	3615	9636
	15.8(	200- 14)	10/10/73-10/11/973 H	-	3625	9752
	12.0		9/11/26-09/16/926 A SW	2- 1	3800	9533
	10.1		10/18/41-10/22/941 A MR	6- 2	3834	9740
	10.1		9/06/15-09/09/915 A MR	2-11	3756	9510
28(	4)					
	8.8		10/03/10-10/06/910 A OR	4- 8	3722	8829
	7.9		9/28/98-10/01/898 A LMV	1- 3A	3653	8935
	4.0		10/30/19-11/01/919 A LMV	1-13B	3729	8618
	3.6(	200- 9)	9/01/22-09/01/922 A UMV	3- 9B	3723	8940
30(	13)					
	12.6		9/13/24-09/17/924 A SA	3-16	3444	7639
	11.4		10/11/42-10/17/942 A SA	1-28B	3515	7540
	11.3		9/02/35-09/06/935 A SA	1-26	3846	7601
	11.3		9/18/44-09/19/944 H	-	3753	7843
	11.2		9/16/28-09/19/928 A SA	2-15	3417	7952
32(	2)					
	8.0		9/03/70-09/07/970 H	-	3349	11056
	3.5		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	18.5		9/14/36-09/18/936 A GM	5- 7	3147	10050
	8.1		9/20/41-09/23/941 A GM	5-19	3210	10444
36(	12)					
	13.6		9/28/15-09/30/915 A LMV	2-13	3051	9010
	13.0		9/16/08-09/20/908 A LMV	3-15	2945	9320
	12.6		9/30/37-10/04/937 A LMV	4-22A	2957	9004
	12.4		9/19/09-09/22/909 A LMV	3-16	3046	9122
	11.9		9/06/93-09/10/893 A LMV	3- 2	2947	9130
38(	7)					
	34.2		9/03/50-09/07/950 A SA	5- 8	2903	8242
	24.4		10/17/41-10/22/941 A SA	5- 6	2948	8257
	20.8		10/04/24-10/11/924 A SA	4-20	2907	8055
	14.6		9/23/29-09/28/929 A SA	3-20	3156	8156
	8.6		9/16/01-09/19/901 A SA	2- 5	3204	8413
40(	2)					
	11.3		9/24/94-09/26/894 H	-	2827	8146
	11.3		9/04/33-09/07/933 H	-	2837	8146

FIVE GREATEST OBSERVED 200 SQUARE MILE- 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



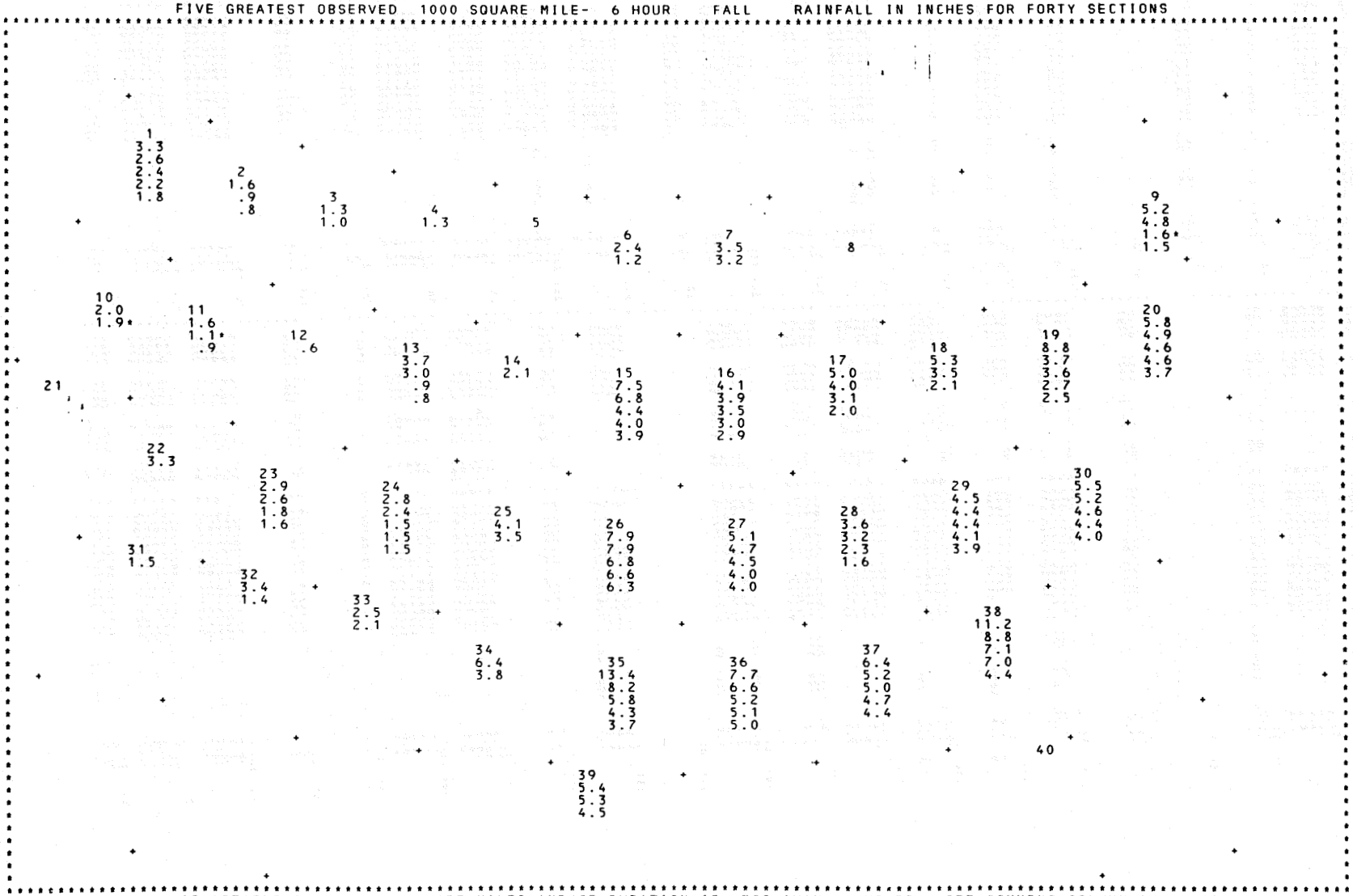
* AREA IS GREATER THAN 200 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 200 SQUARE MILE - 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)							
	11.5		11/18/21-11/22/921	H		-	4548	12156
	11.0		10/26/37-10/28/937	H		-	4840	12135
	9.9		11/16/11-11/20/911	H		-	4730	12330
	8.3		10/21/34-10/26/934	H		-	4609	12202
	8.2		10/26/37-10/28/937	H		-	4730	12330
3(	2)							
	4.9		9/03/11-09/06/911	A	MR	5-18	4855	11133
	3.1(	200- 36)	9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	7.7		9/15/42-09/19/942	A	UMV	1-25	4457	9217
	6.0		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
9(	4)							
	10.2		11/02/27-11/04/927	A	MA	1-17	4403	7145
	8.5(	200- 30)	9/16/32-09/17/932	H		-	4553	6909
	7.0(	2000- 48)	11/06/63-11/10/963	H		-	4416	7118
	5.4		10/18/30-10/20/930	A	GL	1-26	4410	7540
11(	3)							
	9.4		11/18/09-11/23/909	A	MP	4- 6	4335	11540
B	5.3		11/12/30-11/17/930	R		-	4140	11525
B	2.3(	5000- 30)	10/01/46-10/02/946	R		-	4349	11512
13(	4)							
	15.2		9/27/23-10/01/923	A	MR	4-23	4352	10547
	4.3		9/09/33-09/11/933	R		-	3930	10506
	2.9		10/10/99-10/15/899	R		-	3923	10806
B	2.4(	200- 42)	10/04/11-10/06/911	R		-	3901	10731
15(	9)							
	17.2		9/10/72-09/12/972	H		-	4143	9515
	16.6		9/17/26-09/19/926	A	MR	4-24	4312	9600
	8.5		9/16/19-09/19/919	A	MR	2-23	4020	9734
	8.4		9/06/09-09/09/909	A	MR	1-28	3904	9537
	7.9		9/20/02-09/24/902	A	MR	1- 8	3901	9953
17(	4)							
	10.9(	200- 24)	10/09/54-10/10/954	H		-	4145	8820
	7.6(	200- 30)	9/08/26-09/09/926	A	OR	4-22	3930	8811
	6.3		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	4.5		9/26/26-10/05/926	H		-	4008	8855
19(	9)							
	16.5(	200- 12)	9/01/40-09/01/940	H		-	3942	7512
	8.3		9/12/04-09/15/904	A	MA	1- 9	3935	7525
	8.0		9/24/02-09/27/902	A	SA	1- 5	3940	7606
	7.0		9/22/12-09/25/912	A	SA	1-22A	3941	7721
	7.0(	200- 30)	9/27/96-09/30/896	A	SA	1-19	3923	7822
21(	0)							
23(	4)							
	9.5		10/27/46-10/29/946	H		-	3725	11402
	6.6		9/04/39-09/07/939	H		-	3444	11337
	4.6		10/10/47-10/15/947	H		-	3418	11015
	4.5(	500- 48)	11/25/05-11/28/905	H		-	3413	11245
25(	2)							
	8.7		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	6.3		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	11.3		11/16/21-11/19/921	A	SW	1-24	3515	9144
	10.3		10/25/19-10/28/919	A	LMV	1-13A	3759	9122
	10.2		9/28/27-10/02/927	A	MR	3-14	3548	9342
	9.6		11/17/06-11/21/906	A	LMV	1- 4	3439	9028
	9.5		9/12/05-09/19/905	A	UMV	2-18	3858	9245
29(	10)							
	11.6		10/02/98-10/04/898	A	SA	3- 7	3501	8312
	11.1		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	10.6		10/13/14-10/16/914	A	SA	2- 8	3546	8216
	9.6		10/24/18-10/27/918	A	SA	2-10	3513	8214
	8.4		10/26/18-10/31/918	A	SA	3-14	3502	8312
31(	1)							
	5.5		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	7.9		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	7.2		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	30.8		9/08/21-09/10/921	A	GM	4-12	3035	9718
	18.9		11/22/40-11/25/940	A	GM	5-13	3008	9608
	14.7(	200- 24)	9/26/46-09/27/946	A	GM	5-24	2920	9829
	13.3		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	9.2		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	7)							
	17.6		9/17/26-09/21/926	A	SA	4-23	3053	8747
	13.4		9/29/29-10/03/929	A	SA	3-23	3038	8543
	11.9		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	11.0		11/06/43-11/08/943	A	GM	5-22	3126	8724
	10.2		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	23.0		9/19/67-09/24/967	A	SW	3-24	2618	9955
	15.9		9/10/61-09/13/961	H		-	2858	9557
	11.4(	200- 42)	9/14/19-09/15/919	A	GM	5-15A	2821	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)							
	6.6		11/17/09-11/20/909	H		-	4812	11541
B	5.4		11/17/46-11/20/946	R		-	4410	11510
B	4.4		11/18/21-11/21/921	R		-	4425	11555
4(	1)							
	3.7(	200- 42)	9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.6(	1000- 30)	10/09/49-10/10/949	H		-	4817	9806
	3.4(	1000- 36)	11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	2)							
	12.3		11/15/42-11/19/942	R		-	3900	12030
B	8.9(	1921- 48)	11/15/50-11/21/950	H		-	3910	12030
12(	3)							
B	5.1		11/18/46-11/20/946	R		-	4350	11400
	4.0(	200- 18)	10/11/28-10/14/928	H		-	4020	11030
B	2.4		9/16/47-09/18/947	R		-	4225	11208
14(	1)							
	5.0(	200- 30)	9/11/33-09/12/933	R		-	4009	10113
16(	8)							
	9.4(	200- 24)	9/05/58-09/06/958	H		-	4130	9460
	8.4		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	8.0(	1000- 48)	9/11/61-09/13/961	H		-	3941	9203
	7.7		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	7.2		9/11/15-09/16/915	A	UMV	1-15	4258	9007
18(	3)							
	13.9		9/10/78-09/13/878	A	OR	9-19	4145	8046
	5.3		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	4.9		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	13)							
	15.0		9/20/82-09/24/882	A	MA	1- 3	4055	7410
	13.5		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	12.4		9/17/38-09/22/938	A	MA	2- 2	4140	7240
	12.0		9/13/33-09/18/933	H		-	4203	7017
	11.6		9/16/32-09/17/932	H		-	4122	7150
22(	2)							
	15.8		11/13/50-11/21/950	R		-	3630	11830
	9.1		11/18/46-11/20/946	R		-	3635	11835
24(	8)							
	6.9		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	6.7		10/04/11-10/06/911	A	SW	2-30	3753	10739
	5.9		9/03/70-09/07/970	H		-	3738	10904
	4.1(	500- 30)	10/04/11-10/06/911	H		-	3750	10920
	3.8		9/03/09-09/07/909	R		-	3739	10748
26(	22)							
	18.3		9/02/40-09/06/940	A	SW	2-18	3615	9636
	15.8(	200- 14)	10/10/73-10/11/973	H		-	3625	9752
	13.5		10/19/08-10/24/908	A	SW	1-11	3530	9654
	12.0		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	10.4		11/15/28-11/17/928	A	MR	3-20	3755	9526
28(	4)							
	13.2		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	9.7		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	5.1		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
	3.6(	200- 9)	9/01/22-09/01/922	A	UMV	3- 9B	3723	8940
30(	13)							
	16.1		10/11/42-10/17/942	A	SA	1-28A	3831	7826
	15.4		9/02/35-09/06/935	A	SA	1-26	3846	7601
	13.8		9/18/44-09/19/944	H		-	3753	7843
	13.5		9/13/24-09/17/924	A	SA	3-16	3444	7639
	12.6		9/28/70-10/01/870	H		-	3741	7925
32(	2)							
	8.4		9/03/70-09/07/970	H		-	3349	11056
	4.9		9/03/70-09/07/970	H		-	3226	11042
34(	2)							
	21.4		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	10.8		9/20/41-09/23/941	A	GM	5-19	3210	10444
36(	13)							
	15.3		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	15.1		9/16/08-09/20/908	A	LMV	3-15	2945	9320
	13.6		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	12.9		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	12.4		9/19/09-09/22/909	A	LMV	3-16	3046	9122
38(	7)							
	37.7		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	29.0		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	21.2		10/04/24-10/11/924	A	SA	4-20	2907	8055
	18.1		9/23/29-09/28/929	A	SA	3-20	3156	8156
	11.0		9/16/01-09/19/901	A	SA	2- 5	3204	8415
40(	2)							
	13.1		9/04/33-09/07/933	H		-	2837	8146
	12.2		9/24/94-09/26/894	H		-	2827	8146

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



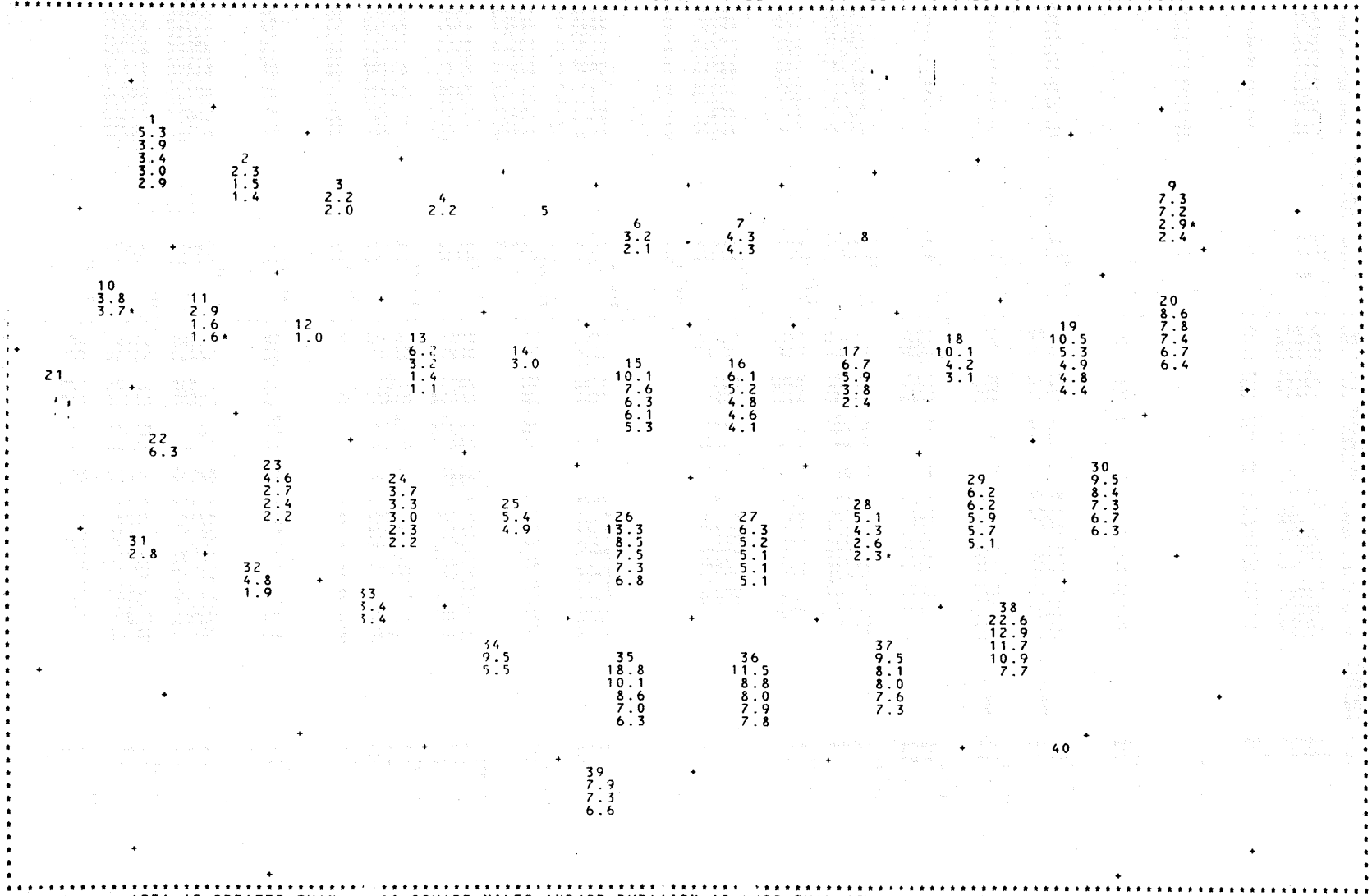
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)							
	3.3		11/16/11-11/20/911	H		-	4730	12330
	2.6		10/26/37-10/28/937	H		-	4840	12135
	2.6		10/26/37-10/28/937	H		-	4730	12330
	2.2		11/18/21-11/22/921	H		-	4548	12156
	1.8		10/21/34-10/26/934	H		-	4609	12202
3(	2)							
	1.3		9/03/11-09/06/911	A	MR	5-18	4855	11133
	1.0		9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	3.5		9/15/42-09/19/942	A	UMV	1-25	4457	9217
	3.2		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
9(	4)							
	5.2		9/16/32-09/17/932	H		-	4553	6909
	4.8		11/02/27-11/04/927	A	NA	1-17	4403	7145
	1.6(	2000- 6)	11/06/63-11/10/963	H		-	4416	7118
	1.5		10/18/30-10/20/930	A	GL	1-26	4410	7540
11(	3)							
	1.6		11/18/09-11/23/909	A	NP	4- 6	4335	11540
B	1.1(	5000- 6)	10/01/46-10/02/946	R		-	4349	11512
B	0.9		11/12/30-11/17/930	R		-	4140	11525
13(	4)							
	3.7		9/27/23-10/01/923	A	MR	4-23	4352	10547
	3.0		9/09/33-09/11/933	R		-	3930	10506
	0.9		10/10/99-10/15/899	R		-	3923	10806
B	0.8		10/04/11-10/06/911	R		-	3901	10731
15(	9)							
	7.5		9/17/26-09/19/926	A	MR	4-24	4312	9600
	6.8		9/10/72-09/12/972	H		-	4143	9515
	4.4		9/16/19-09/19/919	A	MR	2-23	4020	9734
	4.0		9/13/30-09/14/930	A	MR	3-26A	3928	9544
	3.9		10/03/46-10/05/946	H		-	4157	9952
17(	4)							
	5.0		9/08/26-09/09/926	A	OR	4-22	3930	8811
	4.0		10/09/54-10/10/954	H		-	4145	8820
	3.1		9/30/41-10/07/941	A	UMV	3-20D	4135	8645
	2.0		9/26/26-10/05/926	H		-	4008	8855
19(	9)							
	8.8		9/01/40-09/01/940	H		-	3942	7512
	3.7		9/27/96-09/30/896	A	SA	1-19	3923	7822
	3.6		9/24/02-09/27/902	A	SA	1- 5	3940	7606
	2.7		10/09/22-10/10/922	A	SA	1- 9	3917	7637
	2.5		9/12/04-09/15/904	A	NA	1- 9	3935	7525
21(	0)							
23(	4)							
	2.9		9/04/39-09/07/939	H		-	3444	11337
	2.6		11/25/05-11/28/905	H		-	3413	11245
	1.8		10/10/47-10/15/947	H		-	3418	11015
	1.6		10/27/46-10/29/946	H		-	3725	11402
25(	2)							
	4.1		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	3.5		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	5.1		9/06/37-09/10/937	A	SW	2-15	3622	9413
	4.7		10/16/05-10/19/905	A	UMV	2- 6	3838	9113
	4.5		9/12/05-09/19/905	A	UMV	2-18	3858	9245
	4.0		9/02/22-09/03/922	A	UMV	3- 9A	3839	9420
	4.0		11/10/09-11/16/909	A	MR	1-29	3652	9422
29(	9)							
	4.5		10/26/18-10/31/918	A	SA	3-14	3502	8312
	4.4		9/22/12-09/25/912	A	SA	1-22B	3415	8037
	4.4		9/21/94-09/23/898	A	SA	2- 5	3600	8135
	4.1		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	3.9		10/13/14-10/16/914	A	SA	2- 8	3546	8216
31(	1)							
	1.5		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	2.5		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	2.1		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	13.4		9/08/21-09/10/921	A	GM	4-12	3035	9718
	8.2		9/26/46-09/27/946	A	GM	5-24	2920	9829
	5.8		11/22/40-11/25/940	A	GM	5-13	3008	9608
	4.3		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	3.7		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	6)							
	6.4		9/17/26-09/21/926	A	SA	4-23	3053	8747
	5.2		9/29/29-10/03/929	A	SA	3-23	3038	8543
	5.0		11/06/43-11/08/943	A	GM	5-22	3126	8724
	4.7		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	4.4		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	5.4		9/14/19-09/15/919	A	GM	5-15A	2821	9807
	5.3		9/19/67-09/24/967	A	SW	3-24	2618	9955
	4.5		9/10/61-09/13/961	H		-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)							
	1.6		11/17/09-11/20/909	H		-	4812	11541
B	0.9		11/18/21-11/21/921	R		-	4425	11555
B	0.8		11/17/46-11/20/946	R		-	4410	11510
4(	1)							
	1.3		9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	2.4		10/09/49-10/10/949	H		-	4817	9806
	1.2		11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	2)							
	2.0		11/15/42-11/19/942	R		-	3900	12030
B	1.9(	1921- 6)	11/15/50-11/21/950	H		-	3910	12030
12(	1)							
B	0.6		9/16/47-09/18/947	R		-	4225	11208
14(	1)							
	2.1		9/11/33-09/12/933	R		-	4009	10113
16(	7)							
	4.1		9/10/28-09/14/928	A	MR	3-19	4043	9253
	3.9		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	3.5		9/11/61-09/13/961	H		-	3941	9203
	3.0		9/05/58-09/06/958	H		-	4130	9440
	2.9		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
18(	3)							
	5.3		9/10/78-09/13/878	A	OR	9-19	4145	8046
	3.5		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	2.1		9/01/22-09/04/922	A	OR	1-27B	3955	8445
20(	12)							
	5.8		9/16/32-09/17/932	H		-	4122	7150
	4.9		9/13/33-09/18/933	H		-	4203	7017
	4.6		10/03/69-10/04/869	H		-	4150	7254
	4.6		9/12/44-09/15/944	A	NA	2-16	4029	7427
	3.7		9/17/38-09/22/938	A	NA	2- 2	4140	7240
22(	1)							
	3.3		11/13/50-11/21/950	R		-	3630	11830
24(	8)							
	2.8		9/03/70-09/07/970	H		-	3738	10904
	2.6		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	1.5		10/04/11-10/06/911	A	SW	2-30	3753	10739
	1.5		9/06/27-09/10/927	R		-	3733	10749
	1.5		9/20/29-09/23/929	A	SW	2-28	3509	10539
26(	20)							
	7.9		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	7.9		9/02/40-09/06/940	A	SW	2-18	3615	9636
	6.8		9/04/01-09/08/901	A	MR	1- 6	3827	9954
	6.6		9/29/23-10/02/923	A	MR	3- 1A	3717	9835
	6.3		10/19/08-10/24/908	A	SW	1-11	3530	9654
28(	4)							
	3.6		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	3.2		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	2.3		9/01/22-09/01/922	A	LMV	3- 9B	3723	8940
	1.6		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
30(	13)							
	5.5		9/13/24-09/17/924	A	SA	2-14	3444	7639
	5.2		10/11/42-10/17/942	A	SA	1-28B	3515	7540
	4.6		9/16/28-09/19/928	A	SA	2-15	3417	7952
	4.4		9/04/28-09/07/928	A	SA	2-14	3411	7923
	4.0		9/18/44-09/19/944	H		-	3753	7843
32(	2)							
	3.4		9/03/70-09/07/970	H		-	3349	11056
	1.4		9/03/70-09/07/970	H		-	3226	11042
34(	2)							
	6.4		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	3.8		9/20/41-09/23/941	A	GM	5-19	3210	10444
36(	12)							
	7.7		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	6.6		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	5.2		9/05/29-09/09/929	A	LMV	4-13	2956	9003
	5.1		11/12/22-11/15/922	A	LMV	3-29	3002	9230
	5.0		9/16/08-09/20/908	A	LMV	3-15	2945	9320
38(	6)							
	11.2		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	8.8		10/04/24-10/11/924	A	SA	4-20	3000	8055
	7.1		9/23/29-09/28/929	A	SA	3-20	3156	8156
	7.0		10/17/41-10/22/941	A	SA	3- 6	2948	8257
	4.4		9/16/01-09/19/901	A	SA	2- 5	3204	8413
40(	0)							

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

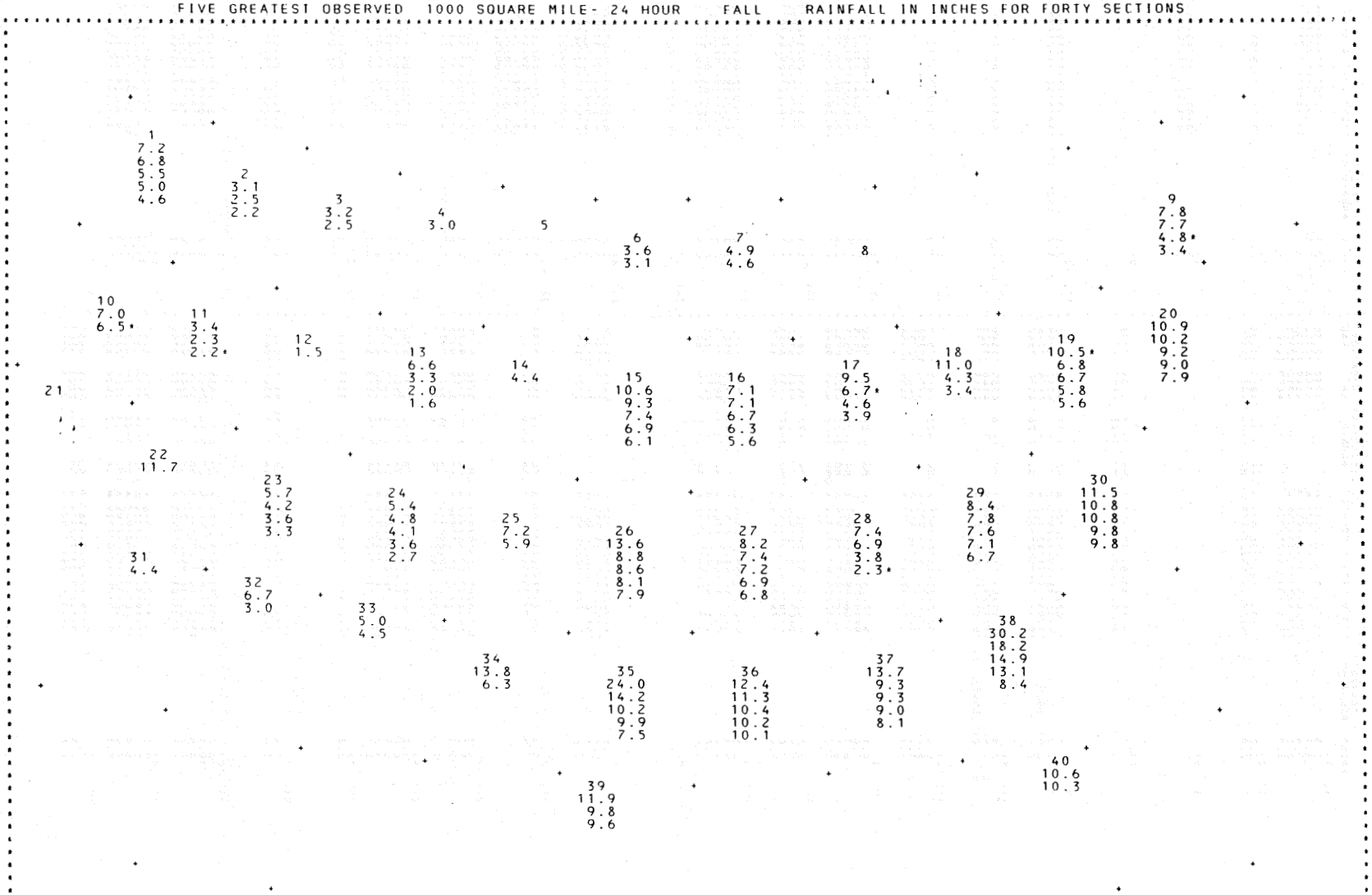


* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	7)							
	5.3		11/16/11-11/20/911	H	-		4730	12330
	3.9		11/18/21-11/22/921	H	-		4548	12156
	3.4		10/26/37-10/28/937	H	-		4840	12135
	3.0		10/26/37-10/28/937	H	-		4730	12330
	2.9		10/21/34-10/26/934	H	-		4609	12202
3(	2)							
	2.2		9/03/11-09/06/911	A	MR	5-18	4855	11133
	2.0		9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	4.3		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
	4.3		9/15/42-09/19/942	A	UMV	1-25	4457	9217
9(	4)							
	7.3		11/02/27-11/04/927	A	NA	1-17	4403	7145
	7.2		9/16/32-09/17/932	H		-	4553	6909
	2.9(	2000- 12)	11/06/63-11/10/963	H		-	4416	7118
	2.4		10/18/30-10/20/930	A	GL	1-26	4410	7540
11(	3)							
	2.9		11/18/09-11/23/909	A	NP	4- 6	4335	11540
B	1.6		11/12/30-11/17/930	R		-	4140	11525
B	1.6(	5000- 12)	10/01/46-10/02/946	R		-	4349	11512
13(	4)							
	6.2		9/27/23-10/01/923	A	MR	4-23	4352	10547
	3.2		9/09/33-09/11/933	R		-	3930	10506
B	1.4		10/04/11-10/06/911	R		-	3901	10731
	1.1		10/10/99-10/15/899	R		-	3923	10806
15(	9)							
	10.1		9/17/26-09/19/926	A	MR	4-24	4312	9600
	7.6		9/10/72-09/12/972	H		-	4143	9515
	6.3		9/06/09-09/09/909	A	MR	1-28	3904	9537
	6.1		9/16/19-09/19/919	A	MR	2-23	4020	9734
	5.3		9/07/00-09/11/900	A	UMV	1- 6	4241	9640
17(	4)							
	6.7		9/08/26-09/09/926	A	OR	4-22	3930	8811
	5.9		10/09/54-10/10/954	H		-	4145	8820
	3.8		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	2.4		9/26/26-10/05/926	H		-	4008	8855
19(	9)							
	10.5		9/01/40-09/01/940	H		-	3942	7512
	5.3		9/27/96-09/30/896	A	SA	1-19	3923	7822
	4.9		9/12/04-09/15/904	A	NA	1- 9	3935	7525
	4.8		9/27/67-09/29/967	H		-	4215	7825
	4.4		9/24/02-09/27/902	A	SA	1- 5	3940	7606
21(	0)							
23(	4)							
	4.6		9/04/39-09/07/939	H		-	3444	11337
	2.7		11/25/05-11/28/905	H		-	3413	11245
	2.4		10/10/47-10/15/947	H		-	3418	11015
	2.2		10/27/46-10/29/946	H		-	3725	11402
25(	2)							
	5.4		10/18/08-10/19/908	A	SW	2-23	3803	10238
	4.9		10/09/30-10/12/930	A	SW	2- 6	3512	10317
27(	17)							
	6.3		10/16/05-10/19/905	A	UMV	2- 6	3838	9113
	5.2		9/06/37-09/10/937	A	SW	2-15	3622	9413
	5.1		11/17/06-11/21/906	A	LMV	1- 5	3439	9028
	5.1		9/13/23-09/20/923	A	SW	1-26	3428	9438
	5.1		9/20/25-09/22/925	A	MR	3- 6	3723	9357
29(	9)							
	6.2		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	6.2		10/26/18-10/31/918	A	SA	3-14	3502	8312
	5.9		9/21/98-09/23/898	A	SA	2- 3	3600	8134
	5.7		10/13/14-10/16/914	A	SA	2- 8	3546	8216
	5.1		10/24/18-10/27/918	A	SA	2-10	3513	8214
31(	1)							
	2.8		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	3.4		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	3.4		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	18.8		9/08/21-09/10/921	A	GM	4-12	3035	9718
	10.1		9/26/46-09/27/946	A	GM	5-24	2920	9829
	8.6		11/22/40-11/25/940	A	GM	5-13	3008	9608
	7.0		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	6.3		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	6)							
	9.5		9/17/26-09/21/926	A	SA	4-23	3053	8747
	8.1		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	8.0		11/06/43-11/08/943	A	GM	5-22	3126	8724
	7.6		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
	7.3		9/29/29-10/03/929	A	SA	3-23	3038	8543
39(	3)							
	7.9		9/19/67-09/24/967	A	SW	3-24	2618	9955
	7.3		9/14/19-09/15/919	A	GM	5-15A	2821	9807
	6.6		9/10/61-09/13/961	H		-	2858	9557
2(	3)							
	2.3		11/17/09-11/20/909	H		-	4812	11541
B	1.5		11/17/46-11/20/946	R		-	4412	11510
B	1.4		11/18/21-11/21/921	R		-	4425	11555
4(	1)							
	2.2		9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.2		10/09/49-10/10/949	H		-	4817	9806
	2.1		11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	2)							
	3.8		11/15/42-11/19/942	R		-	3900	12030
B	3.7(	1921- 12)	11/15/50-11/21/950	H		-	3910	12030
12(	1)							
B	1.0		9/16/47-09/18/947	R		-	4225	11208
14(	1)							
	3.0		9/11/33-09/12/933	R		-	4009	10113
16(	7)							
	6.1		9/11/61-09/13/961	H		-	3941	9203
	5.2		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	4.8		9/05/58-09/06/958	H		-	4130	9440
	4.6		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	4.1		9/10/28-09/14/928	A	MR	3-19	4043	9253
18(	3)							
	10.1		9/10/78-09/13/878	A	OR	9-19	4145	8046
	4.2		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	3.1		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	12)							
	8.6		9/16/32-09/17/932	H		-	4122	7150
	7.8		9/13/33-09/18/933	H		-	4203	7017
	7.4		10/03/69-10/04/869	H		-	4150	7256
	6.7		9/20/82-09/24/882	A	NA	1- 3	4055	7410
	6.4		10/07/03-10/11/903	A	GL	4- 9	4055	7410
22(	1)							
	6.3		11/13/50-11/21/950	R		-	3630	11830
24(	8)							
	3.7		9/03/70-09/07/970	H		-	3738	10904
	3.3		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	3.0		10/04/11-10/06/911	A	SW	2-30	3753	10739
	2.3		10/04/11-10/06/911	H		-	3750	10920
	2.2		9/20/29-09/23/929	A	SW	2-28	3509	10539
26(	20)							
	13.3		9/02/40-09/06/940	A	SW	2-18	3615	9636
	8.5		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	7.5		10/19/08-10/24/908	A	SW	1-11	3530	9654
	7.3		10/18/41-10/22/941	A	MR	6- 2	3834	9740
	6.8		9/04/01-09/08/901	A	MR	1- 6	3827	9954
28(	4)							
	5.1		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	4.3		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	2.6		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
	2.3(	1000- 9)	9/01/22-09/01/922	A	UMV	3- 9B	3723	8940
30(	13)							
	9.5		9/13/24-09/17/924	A	SA	3-16	3444	7639
	8.4		9/16/28-09/19/928	A	SA	2-15	3417	7952
	7.3		10/11/42-10/17/942	A	SA	1-28B	3515	7540
	6.7		9/28/70-10/01/870	H		-	3741	7925
	6.3		9/02/35-09/06/935	A	SA	1-26	3846	7601
32(	2)							
	4.8		9/03/70-09/07/970	H		-	3349	11056
	1.9		9/03/70-09/07/970	H		-	3226	11042
34(	2)							
	9.5		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	5.5		9/20/41-09/23/941	A	GM	5-19	3210	10444
36(	12)							
	11.5		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	8.8		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	8.6		9/19/09-09/22/909	A	LMV	3-16	3046	9122
	7.9		9/16/08-09/20/908	A	LMV	3-15	2945	9320
	7.8		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
38(	6)							
	22.6		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	12.9		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	11.7		10/04/24-10/11/924	A	SA	4-20	2907	8055
	10.9		9/23/29-09/28/929	A	SA	3-20	3156	8156
	7.7		9/16/01-09/19/901	A	SA	2- 9	3204	8413
40(	0)							

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



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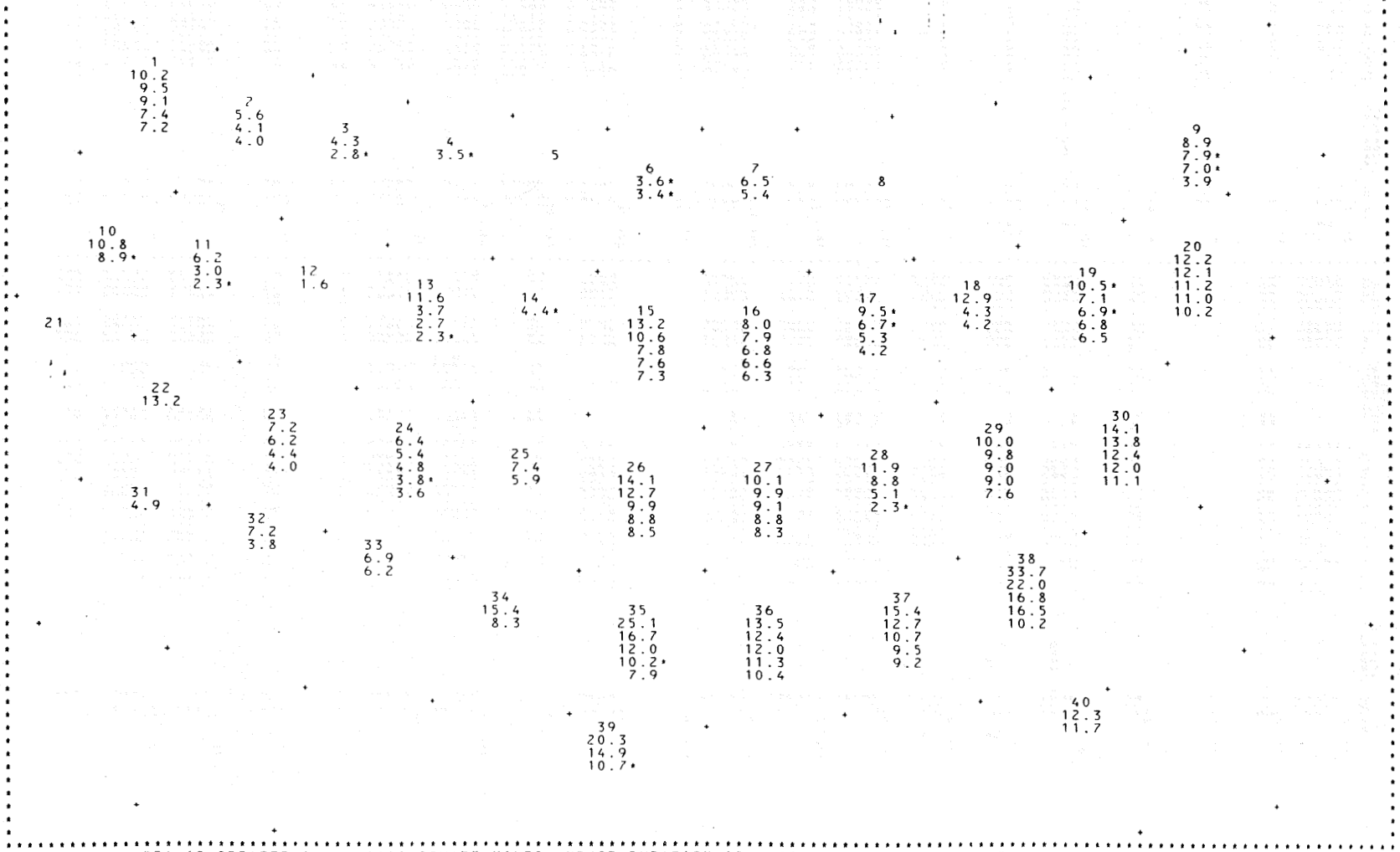
STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	7)					
	7.2		[illegible]/11/20/911 H	-	4730	12330
	6.8		[illegible]/11/22/921 H	-	4548	12156
	5.5		26/27-10/28/937 H	-	4840	12135
	5.0		[illegible]/34-10/26/934 H	-	4609	12202
	4.6		[illegible]/37-10/28/937 H	-	4730	12330
3(	2)					
	3.2		9/27/11-09/06/911 A	MR 5-18	4855	11133
	2.5		9/27/19-09/28/919 A	MR 5-24	4834	11301
5(	0)					
7(	2)					
	4.9		[illegible]/42-09/19/942 A	UMV 1-25	4457	9217
	4.6		[illegible]/03-09/15/903 A	UMV 2- 3	4425	9203
9(	4)					
	7.8		[illegible]/27-11/04/927 A	NA 1-17	4403	7145
	7.7		9/16/32-09/17/932 H	-	4553	6909
	4.8(	2000- 24.	[illegible]/63-11/10/963 H	-	4416	7118
	3.4		[illegible]/30-10/20/930 A	GL 1-26	4410	7540
11(	3)					
	3.4		[illegible]/09-11/23/909 A	NP 4- 6	4335	11540
B	2.3		[illegible]/30-11/17/930 R	-	4140	11525
B	2.2(	5000- 2-	[illegible]/46-10/02/946 R	-	4349	11512
13(	4)					
	6.6		9/[illegible]/23-10/01/923 A	MR 4-23	4352	10547
	3.3		9/[illegible]/33-09/11/933 R	-	3930	10506
B	2.0		[illegible]/11-10/06/911 R	-	3901	10731
	1.6		[illegible]/99-10/15/899 R	-	3923	10806
15(	9)					
	10.6		9/[illegible]/26-09/19/926 A	MR 4-24	4312	9600
	9.3		[illegible]/72-09/12/972 H	-	4143	9515
	7.4		[illegible]/19-09/19/919 A	MR 2-23	4020	9734
	6.9		9/[illegible]/09-09/09/909 A	MR 1-28	3904	9537
	6.1		9/[illegible]/00-09/11/900 A	UMV 1- 6	4241	9640
17(	4)					
	9.5		[illegible]/54-10/10/954 H	-	4145	8820
	6.7(	1000- 2[illegible]	9/[illegible]/26-09/09/926 A	OR 4-22	3930	8811
	4.6		9/[illegible]/41-10/07/941 A	UMV 3-20(	4135	8645
	3.9		9/[illegible]/26-10/05/926 H	-	4008	8855
19(	9)					
	10.5(	1000- [illegible]	9/[illegible]/40-09/01/940 H	-	3942	7512
	6.8		[illegible]/96-09/30/896 A	SA 1-19	3923	7822
	6.7		9/[illegible]/04-09/15/904 A	NA 1- 9	3935	7525
	5.8		[illegible]/67-09/29/967 H	-	4215	7825
	5.6		9/[illegible]/02-09/27/902 A	SA 1- 5	3940	7606
21(	0)					
23(	4)					
	5.7		9/[illegible]/39-09/07/939 H	-	3444	11337
	4.2		[illegible]/46-10/29/946 H	-	3725	11402
	3.6		9/05/05-11/28/905 H	-	3413	11245
	3.3		[illegible]/47-10/15/947 H	-	3418	11015
25(	2)					
	7.2		[illegible]/30-10/12/930 A	SW 2- 6	3512	10317
	5.9		[illegible]/08-10/19/908 A	SW 2-23	3803	10238
27(	17)					
	8.2		[illegible]/06-11/21/906 A	LMV 1- 4	3439	9028
	7.4		[illegible]/11/19/921 A	SW 1-24	3515	9144
	7.2		[illegible]/[illegible]-10/12/919 A	UMV 3- 6B	3444	9214
	6.9		[illegible]/[illegible]/09/19/905 A	UMV 2-18	3858	9245
	6.8		[illegible]/[illegible]-10/28/919 A	LMV 1-13A	3759	9122
29(	10)					
	8.4		[illegible]/[illegible]-09/12/888 A	SA 3- 2	3411	8202
	7.8		[illegible]/[illegible]-10/16/914 A	SA 2- 8	3566	8216
	7.6		[illegible]/[illegible]-09/23/898 A	SA 2- 3	3600	8134
	7.1		[illegible]/[illegible]-10/27/918 A	SA 2-10	3513	8214
	6.7		[illegible]/[illegible]-10/31/918 A	SA 3-14	3502	8312
31(	1)					
	4.4		[illegible]/[illegible]-10/06/925 R	-	3317	11652
33(	2)					
	5.0		9/[illegible]/[illegible]-09/17/919 A	GM 5-15B	3341	10511
	4.5		9/[illegible]/[illegible]-09/29/941 A	SW 3- 1	3304	10602
35(	10)					
	24.0		9/[illegible]/[illegible]-09/10/921 A	GM 4-12	3035	9718
	14.2		[illegible]/[illegible]-11/25/940 A	GM 5-13	3008	9608
	10.2		9/[illegible]/[illegible]-09/27/946 A	GM 5-24	2920	9829
	9.9		9/[illegible]/36-09/28/936 A	GM 5- 8	3201	9708
	7.5		9/[illegible]/[illegible]-10/01/903 A	SW 1- 4	3337	9708
37(	7)					
	13.7		9/[illegible]/[illegible]-09/21/926 A	SA 4-23	3053	8747
	9.3		[illegible]/[illegible]-10/03/929 A	SA 3-23	3038	8543
	9.3		[illegible]/[illegible]-11/08/943 A	GM 5-22	3126	8724
	9.0		[illegible]/[illegible]-11/21/934 A	LMV 1-18	3138	8819
	8.1		9/[illegible]/[illegible]-10/01/898 A	LMV 1- 3	3025	8713
39(	3)					
	11.9		9/[illegible]/[illegible]-09/24/967 A	SW 3-24	2618	9955
	9.8		[illegible]/[illegible]-09/15/919 A	GM 5-15A	2821	9807
	9.6		9/[illegible]/[illegible]-09/13/961 H	-	2858	9557
2(	3)					
	3.1		11/17/09-11/20/909 H	-	4812	11541
B	2.5		11/17/46-11/20/946 R	-	4410	11510
B	2.2		11/18/21-11/21/921 R	-	4425	11555
4(	1)					
	3.0		9/06/41-09/08/941 A	MR 6-20	4525	10755
6(	2)					
	3.6		10/09/49-10/10/949 H	-	4817	9806
	3.1		11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	2)					
	7.0		11/15/42-11/19/942 R	-	3900	12030
B	6.5(	1921- 24)	11/15/50-11/21/950 H	-	3910	12030
12(	1)					
B	1.5		9/16/47-09/18/947 R	-	4225	11208
14(	1)					
	4.4		9/11/33-09/12/933 R	-	4009	10113
16(	7)					
	7.1		9/30/41-10/07/941 A	UMV 3-20B	4058	9023
	7.1		9/11/61-09/13/961 H	-	3941	9203
	6.7		10/27/00-10/30/900 A	UMV 1- 7A	4348	9115
	6.3		9/11/15-09/16/915 A	UMV 1-15	4258	9007
	5.6		9/05/58-09/06/958 H	-	4130	9440
18(	3)					
	11.0		9/10/78-09/13/878 A	OR 9-19	4145	8046
	4.3		9/01/22-09/04/922 A	OR 1-27A	3931	8445
	3.4		9/01/22-09/04/922 A	OR 1-27B	3955	8045
20(	12)					
	10.9		10/07/03-10/11/903 A	GL 4- 9	4055	7410
	10.2		9/16/32-09/17/932 H	-	4122	7150
	9.2		9/13/33-09/18/933 H	-	4203	7017
	9.0		10/03/69-10/04/869 H	-	4150	7254
	7.9		9/20/82-09/24/882 A	NA 1- 3	4055	7410
22(	1)					
	11.7		11/13/50-11/21/950 R	-	3630	11830
24(	8)					
	5.4		9/26/04-09/30/904 A	SW 1- 6	3552	10520
	4.8		10/04/11-10/06/911 A	SW 2-30	3753	10739
	4.1		9/03/70-09/07/970 H	-	3738	10904
	3.6		10/04/11-10/06/911 H	-	3750	10920
	2.7		9/03/09-09/07/909 R	-	3739	10748
26(	20)					
	13.6		9/02/40-09/06/940 A	SW 2-18	3615	9636
	8.8		9/11/26-09/16/926 A	SW 2- 1	3800	9533
	8.6		10/19/08-10/24/908 A	SW 1-11	3530	9654
	8.1		11/15/28-11/17/928 A	MR 3-20	3755	9526
	7.9		10/18/41-10/22/941 A	MR 6- 2	3834	9740
28(	4)					
	7.4		10/03/10-10/06/910 A	OR 4- 8	3722	8829
	6.9		9/28/98-10/01/898 A	LMV 1- 3A	3653	8935
	3.8		10/30/19-11/01/919 A	LMV 1-13B	3729	8618
	2.3(	1000- 9)	9/01/22-09/01/922 A	UMV 3- 9B	3723	8940
30(	13)					
	11.5		9/13/24-09/17/924 A	SA 3-16	3444	7639
	10.8		9/16/28-09/19/928 A	SA 2-15	3417	7952
	10.8		9/02/35-09/06/935 A	SA 1-26	3846	7601
	9.8		9/28/70-10/01/870 H	-	3741	7925
	9.8		10/11/42-10/17/942 A	SA 1-28B	3515	7540
32(	2)					
	6.7		9/03/70-09/07/970 H	-	3349	11056
	3.0		9/03/70-09/07/970 H	-	3226	11042
34(	2)					
	13.8		9/14/36-09/18/936 A	GM 5- 7	3147	10050
	6.3		9/20/41-09/23/941 A	GM 5-19	3210	10424
36(	12)					
	12.4		9/28/15-09/30/915 A	LMV 2-13	3051	9010
	11.3		9/30/37-10/04/937 A	LMV 4-22A	2957	9004
	10.4		9/06/93-09/10/893 A	LMV 3- 2	2947	9130
	10.2		9/19/09-09/22/909 A	LMV 3-16	3046	9122
	10.1		9/16/08-09/20/908 A	LMV 3-15	2945	9320
38(	7)					
	30.2		9/03/50-09/07/950 A	SA 5- 8	2903	8242
	18.2		10/17/41-10/22/941 A	SA 5- 6	2948	8257
	14.9		10/04/24-10/11/924 A	SA 4-20	2907	8055
	13.1		9/23/29-09/28/929 A	SA 3-20	3156	8156
	8.4		9/16/01-09/19/901 A	SA 2- 5	3204	8413
40(	2)					
	10.6		9/04/33-09/07/933 H	-	2837	8146
	10.3		9/24/94-09/26/894 H	-	2827	8146

FIVE GREATEST OBSERVED 1000 SQUARE MILE- 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



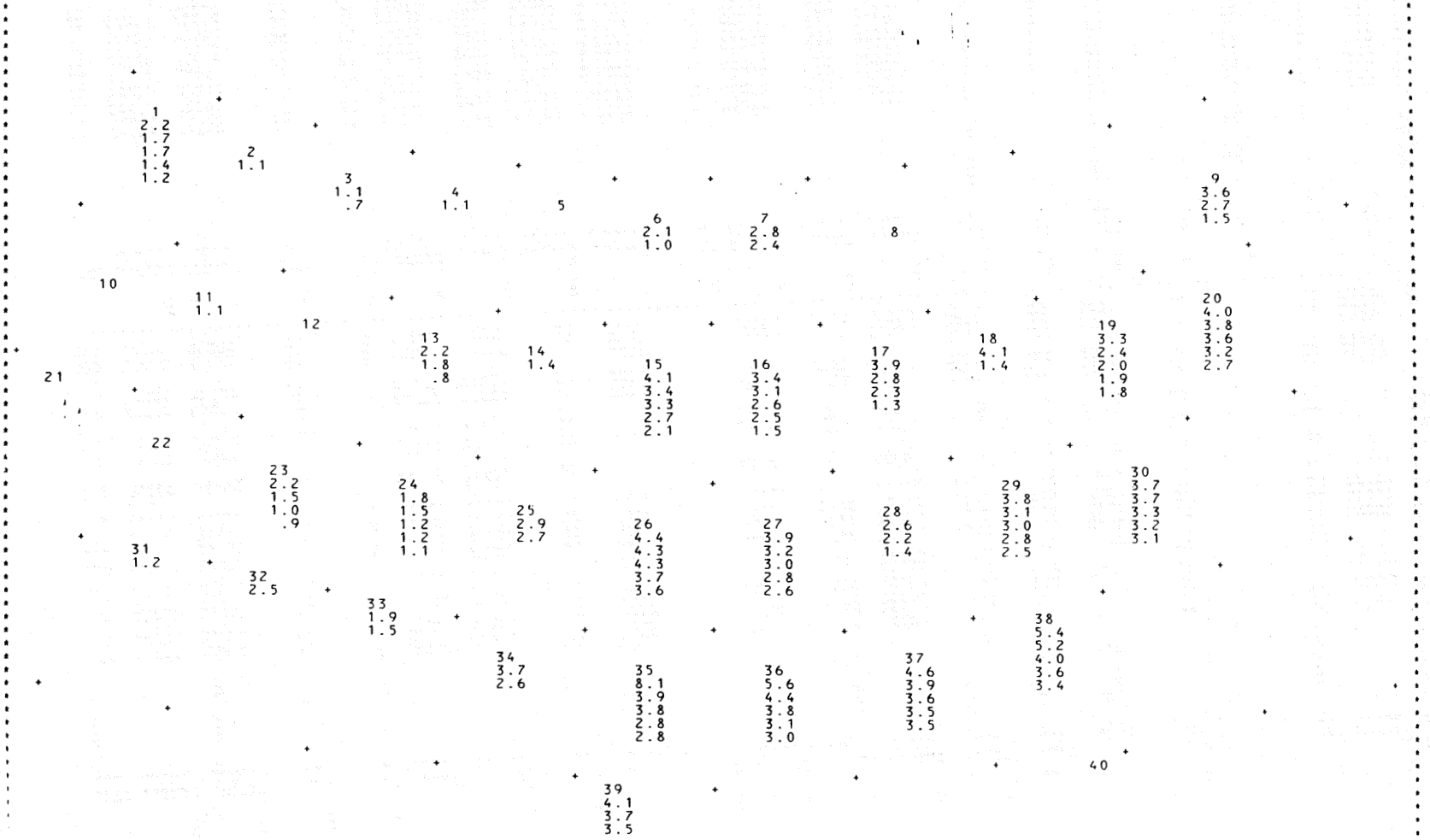
* AREA IS GREATER THAN 1000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 1000 SQUARE MILE - 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)							
	10.2		11/18/27-11/22/921	H		-	4548	12156
	9.5		10/26/37-10/28/937	H		-	4840	12135
	9.1		11/16/11-11/20/911	H		-	4730	12330
	7.4		10/27/34-11/26/934	H		-	4609	12202
	7.2		10/26/37-10/28/937	H		-	4730	12330
3(	2)							
	4.3		9/03/11-09/06/911	A	MR	5-18	4855	11133
	2.8(	1000- 36)	9/27/19-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	6.5		9/15/42-09/19/942	A	UMV	1-25	4457	9217
	5.4		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
9(	4)							
	8.9		11/02/27-11/04/927	A	NA	1-17	4403	7145
	7.9(	1000- 30)	9/16/32-09/17/932	H		-	4553	6909
	7.0(	2000- 48)	11/06/63-11/10/963	H		-	4416	7118
	3.9		10/18/30-10/20/930	A	GL	1-26	4410	7540
11(	3)							
	6.2		11/18/09-11/23/909	A	NP	4- 6	4335	11540
B	3.0		11/12/32-11/17/930	R		-	4140	11525
B	2.3(	5000- 30)	10/31/46-11/02/946	R		-	4349	11512
13(	4)							
	11.6		9/27/23-10/01/923	A	MR	4-23	4352	10547
	3.7		9/09/33-09/11/933	R		-	3930	10506
	2.7		10/10/99-10/15/899	R		-	3923	10806
B	2.3(	1000- 42)	10/04/11-10/06/911	R		-	3901	10731
15(	9)							
	13.2		9/10/72-09/12/972	H		-	4143	9515
	10.6		9/17/26-09/19/926	A	MR	4-24	4312	9600
	7.8		9/16/19-09/19/919	A	MR	2-23	4020	9734
	7.6		9/06/09-09/09/909	A	MR	1-28	3904	9537
	7.3		9/20/02-09/24/902	A	MR	1- 8	3901	9953
17(	4)							
	9.5(	1000- 24)	10/09/54-10/10/954	H		-	4145	8820
	6.7(	1000- 30)	9/08/26-09/09/926	A	OR	4-22	3930	8811
	5.3		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	4.2		9/26/26-10/05/926	H		-	4008	8855
19(	9)							
	10.5(	1000- 12)	9/01/40-09/01/940	H		-	3942	7512
	7.1		9/24/02-09/27/902	A	SA	1- 5	3940	7606
	6.9(	1000- 30)	9/27/96-09/30/896	A	SA	1-19	3923	7822
	6.8		9/12/03-09/15/904	A	NA	1- 9	3935	7525
	6.5		9/22/12-09/25/912	A	SA	1-22A	3941	7721
21(	0)							
23(	4)							
	7.2		10/27/46-10/29/946	H		-	3725	11402
	6.2		9/04/39-09/07/939	H		-	3444	11337
	4.4		11/25/05-11/28/905	H		-	3413	11245
	4.0		10/10/47-10/15/947	H		-	3418	11015
25(	2)							
	7.4		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	5.9		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	10.1		11/16/21-11/19/921	A	SW	1-24	3515	9144
	9.9		10/25/19-10/28/919	A	LMV	1-13A	3759	9122
	9.1		9/28/27-10/02/927	A	MR	3-14	3548	9342
	8.8		11/17/06-11/21/906	A	LMV	1- 4	3439	9028
	8.3		9/13/05-09/16/905	A	UMV	2-18	3858	9245
29(	10)							
	10.0		10/02/98-10/04/898	A	SA	3- 7	3501	8312
	9.8		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	9.0		10/13/14-10/16/914	A	SA	2- 8	3546	8216
	9.0		10/24/18-10/27/918	A	SA	2-10	3513	8214
	7.6		9/21/98-09/23/898	A	SA	2- 3	3600	8134
31(	1)							
	4.9		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	6.9		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	6.2		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	10)							
	25.1		9/08/21-09/10/921	A	GM	4-12	3035	9718
	16.7		11/22/40-11/25/940	A	GM	5-13	3008	9608
	12.0		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	10.2(	1000- 24)	9/26/46-09/27/946	A	GM	5-24	2920	9829
	7.9		9/28/03-10/01/903	A	SW	1- 4	3337	9708
37(	7)							
	15.4		9/17/26-09/21/926	A	SA	4-23	3053	8747
	12.7		9/29/29-10/03/929	A	SA	3-23	3038	8543
	10.7		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	9.5		11/06/43-11/08/943	A	GM	5-22	3126	8724
	9.2		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	20.3		9/19/67-09/24/967	A	SW	3-24	2618	9955
	14.9		9/11/61-09/17/961	H		-	2858	9557
	10.7(	1000- 42)	9/14/19-09/15/919	A	GM	5-15A	2821	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	3)							
	5.6		11/17/09-11/20/909	H		-	4812	11541
B	4.1		11/17/46-11/20/946	R		-	4410	11510
B	4.0		11/18/21-11/21/921	R		-	4425	11555
4(	1)							
	3.5(	1000- 42)	9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.6(	1000- 30)	10/09/49-10/10/949	H		-	4817	9806
	3.4(	1000- 36)	11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	2)							
	10.8		11/15/42-11/19/942	R		-	3900	12030
B	8.9(	1921- 48)	11/15/50-11/21/950	H		-	3910	12030
12(	1)							
B	1.6		9/16/47-09/18/947	R		-	4225	11208
14(	1)							
	4.4(	1000- 30)	9/11/33-09/12/933	R		-	4009	10113
16(	7)							
	8.0		9/11/61-09/13/961	H		-	3941	9203
	7.9		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	6.8		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	6.6		9/10/28-09/14/928	A	MR	3-19	4043	9253
	6.3		9/11/15-09/16/915	A	UMV	1-15	4258	9007
18(	3)							
	12.9		9/10/78-09/13/878	A	OR	9-19	4145	8046
	4.3		9/01/22-09/04/922	A	OR	1-27A	3931	8445
	4.2		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	13)							
	12.2		9/20/82-09/24/882	A	NA	1- 3	4055	7410
	12.1		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	11.2		9/13/33-09/18/933	H		-	4203	7017
	11.0		9/17/38-09/22/938	A	NA	2- 2	4140	7240
	10.2		9/16/32-09/17/932	H		-	4122	7150
22(	1)							
	13.2		11/13/50-11/21/950	R		-	3630	11830
24(	8)							
	6.4		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	5.4		10/04/11-10/06/911	A	SW	2-30	3753	10739
	4.8		9/03/70-09/07/970	H		-	3738	10904
	3.8(	1000- 30)	10/04/11-10/06/911	H		-	3750	10920
	3.6		9/20/29-09/23/929	A	SW	2-28	3509	10539
26(	20)							
	14.1		9/02/40-09/06/940	A	SW	2-18	3615	9636
	12.7		10/19/08-10/24/908	A	SW	1-11	3530	9654
	9.9		11/15/28-11/17/928	A	MR	3-20	3755	9526
	8.8		9/11/26-09/16/926	A	SW	2- 1	3800	9533
	8.5		9/25/26-09/30/926	A	SW	2- 2	3517	9535
28(	4)							
	11.9		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	8.8		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	5.1		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
	2.3(	1000- 9)	9/01/22-09/01/922	A	UMV	3- 9B	3723	8940
30(	13)							
	14.1		9/02/35-09/06/935	A	SA	1-26	3846	7601
	13.8		10/11/42-10/17/942	A	SA	1-28A	3831	7826
	12.4		9/13/24-09/17/924	A	SA	3-16	3444	7639
	12.0		9/16/28-09/19/928	A	SA	2-15	3717	7952
	11.1		9/28/70-10/01/870	H		-	3741	7925
32(	2)							
	7.2		9/03/70-09/07/970	H		-	3349	11056
	3.8		9/03/70-09/07/970	H		-	3226	11042
34(	2)							
	15.4		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	8.3		9/20/41-09/23/941	A	GM	5-19	3210	10474
36(	13)							
	13.5		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	12.4		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	12.0		9/16/08-09/20/908	A	LMV	3-15	2945	9320
	11.3		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	10.4		9/19/09-09/22/909	A	LMV	3-16	3046	9122
38(	7)							
	33.7		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	22.0		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	16.8		10/04/24-10/11/924	A	SA	4-20	2907	8055
	16.5		9/23/29-09/28/929	A	SA	3-20	3156	8156
	10.2		9/16/01-09/19/901	A	SA	2- 5	3204	8413
40(	2)							
	12.3		9/04/33-09/07/933	H		-	2837	8146
	11.7		9/24/94-09/26/894	H		-	2827	8146

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



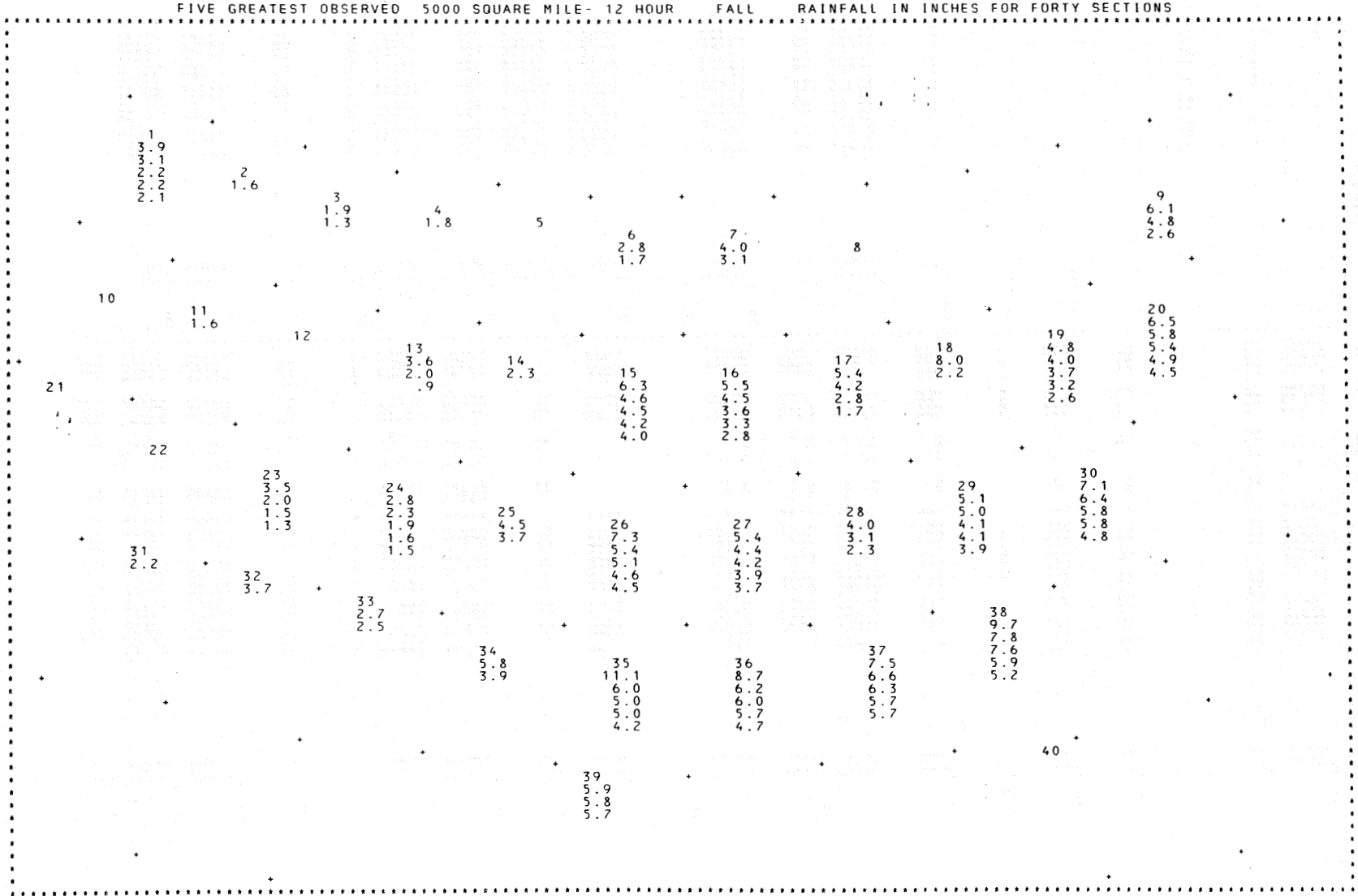
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	7)					
	2.2		11/16/11-11/20/911 H	-	4730	12330
	1.7		11/18/21-11/22/921 H	-	4548	12156
	1.7		10/26/37-10/28/937 H	-	4730	12330
	1.4		10/26/37-10/28/937 H	-	4840	12135
	1.2		11/02/34-11/07/934 H	-	4601	12221
3(	2)					
	1.1		9/03/11-09/06/911 A MR	5-18	4855	11133
	0.7		9/27/19-09/28/919 A MR	5-24	4834	11301
5(	0)					
7(	2)					
	2.8		9/11/03-09/15/903 A UMV	2- 3	4425	9203
	2.4		9/15/42-09/19/942 A UMV	1-25	4457	9217
9(	3)					
	3.6		9/16/32-09/17/932 H	-	4553	6909
	2.7		11/02/27-11/04/927 A NA	1-17	4403	7145
	1.5		11/06/63-11/10/963 H	-	4416	7118
11(	1)					
B	1.1		10/01/46-10/02/946 R	-	4349	11512
13(	3)					
	2.2		9/27/23-10/01/923 A MR	4-23	4352	10547
	1.8		9/09/33-09/11/933 R	-	3930	10506
	0.8		10/10/99-10/15/899 R	-	3923	10806
15(	7)					
	4.1		9/17/26-09/19/926 A MR	4-24	4312	9600
	3.4		9/16/19-09/19/919 A MR	2-23	4020	9734
	3.3		10/03/46-10/05/946 H	-	4157	9952
	2.7		9/07/00-09/11/900 A UMV	1- 6	4241	9640
	2.1		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	3.9		9/08/26-09/09/926 A OR	4-22	3930	8811
	2.8		10/09/54-10/10/954 H	-	4145	8820
	2.3		9/30/41-10/07/941 A UMV	3-20C	4135	8645
	1.3		9/26/26-10/05/926 H	-	4008	8855
19(	8)					
	3.3		9/27/96-09/30/896 A SA	1-19	3923	7822
	2.4		9/27/67-09/29/967 H	-	4215	7825
	2.0		9/12/04-09/15/904 A NA	1- 9	3935	7525
	1.9		9/08/90-09/13/890 H	-	4212	7733
	1.8		11/24/50-11/27/950 H	-	4012	7814
21(	0)					
23(	4)					
	2.2		9/04/39-09/07/939 H	-	3444	11337
	1.5		11/25/05-11/28/905 H	-	3413	11245
	1.0		10/10/47-10/15/947 H	-	3418	11015
	0.9		10/27/46-10/29/946 H	-	3725	11402
25(	2)					
	2.9		10/09/30-10/12/930 A SW	2- 6	3512	10317
	2.7		10/18/08-10/19/908 A SW	2-23	3803	10238
27(	17)					
	3.9		10/16/05-10/19/905 A UMV	2- 6	3838	9113
	3.2		9/12/05-09/19/905 A UMV	2-18	3858	9245
	3.0		11/17/06-11/21/906 A LMV	1- 4	3439	9028
	2.8		9/13/23-09/20/923 A SW	1-26	3428	9438
	2.6		9/06/20-09/09/920 A UMV	3- 9A	3509	9003
29(	9)					
	3.8		10/26/18-10/31/918 A SA	3-14	3502	8312
	3.1		9/21/98-09/23/898 A SA	2- 3	3600	8134
	3.0		9/08/88-09/12/888 A SA	3- 2	3411	8202
	2.8		9/22/12-09/25/912 A SA	1-22B	3415	8037
	2.5		10/13/14-10/16/914 A SA	2- 8	3546	8216
31(	1)					
	1.2		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	1.9		9/15/19-09/17/919 A GM	5-15B	3341	10511
	1.5		9/27/41-09/29/941 A SW	3- 1	3304	10602
35(	9)					
	8.1		9/08/21-09/10/921 A GM	4-12	3035	9718
	3.9		9/26/46-09/27/946 A GM	5-24	2920	9829
	3.8		11/22/40-11/25/940 A GM	5-13	3008	9608
	2.8		9/28/03-10/01/903 A SW	1- 4	3337	9708
	2.8		9/25/36-09/28/936 A GM	5- 8	3201	9708
37(	6)					
	4.6		9/17/26-09/21/926 A SA	4-23	3053	8747
	3.9		9/29/29-10/03/929 A SA	3-23	3038	8543
	3.6		11/19/34-11/21/934 A LMV	1-18	3138	8819
	3.5		9/28/98-10/01/898 A LMV	1- 3	3025	8713
	3.5		11/06/43-11/08/943 A GM	5-22	3126	8724
39(	3)					
	4.1		9/14/19-09/15/919 A GM	5-15A	2821	9807
	3.7		9/19/67-09/24/967 A SW	3-24	2618	9955
	3.5		9/10/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	1)					
	1.1		11/17/09-11/20/909 H	-	4812	11541
4(	1)					
	1.1		9/06/41-09/08/941 A MR	6-20	4525	10755
6(	2)					
	2.1		10/09/49-10/10/949 H	-	4817	9806
	1.0		11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	0)					
12(	0)					
14(	1)					
	1.4		9/11/33-09/12/933 R	-	4009	10113
16(	6)					
	3.4		9/10/28-09/14/928 A MR	3-19	4043	9253
	3.1		9/11/61-09/13/961 H	-	3941	9203
	2.6		9/30/41-10/07/941 A UMV	3-20B	4058	9023
	1.5		10/27/00-10/30/900 A UMV	1- 7A	4348	9115
	1.5		9/11/15-09/16/915 A UMV	1-15	4258	9007
18(	2)					
	4.1		9/10/78-09/13/878 A OR	9-19	4145	8046
	1.4		9/01/22-09/04/922 A OR	1-27B	3955	8045
20(	12)					
	4.0		9/16/32-09/17/932 H	-	4122	7150
	3.8		10/03/69-10/04/869 H	-	4150	7254
	3.6		9/12/44-09/15/944 A NA	2-16	4029	7427
	3.5		9/13/33-09/18/933 H	-	4203	7017
	2.7		9/17/38-09/22/938 A NA	2- 2	4140	7240
22(	0)					
24(	7)					
	1.8		9/26/04-09/30/904 A SW	1- 6	3552	10520
	1.5		9/03/70-09/07/970 H	-	3738	10904
	1.2		9/06/27-09/10/927 R	-	3733	10749
	1.2		9/03/09-09/07/909 R	-	3739	10748
	1.1		10/04/11-10/06/911 A SW	2-30	3753	10739
26(	17)					
	4.4		10/19/08-10/24/908 A SW	1-11	3530	9654
	4.3		9/11/26-09/16/926 A SW	2- 1	3800	9533
	4.3		9/02/40-09/06/940 A SW	2-18	3615	9636
	3.7		9/06/11-09/07/911 A MR	2- 3	3738	9716
	3.6		9/25/26-09/30/926 A SW	2- 2	3517	9535
28(	3)					
	2.6		10/03/10-10/06/910 A OR	4- 8	3722	8829
	2.2		9/28/98-10/01/898 A LMV	1- 3A	3653	8935
	1.4		10/30/19-11/01/919 A LMV	1-13B	3729	8618
30(	13)					
	3.7		9/13/24-09/17/924 A SA	3-16	3444	7639
	3.7		9/16/28-09/19/928 A SA	2-15	3417	7952
	3.3		9/02/35-09/06/935 A SA	1-26	3846	7601
	3.2		9/28/70-10/01/870 H	-	3741	7925
	3.1		9/14/17-09/16/917 A SA	5-24	3515	7540
32(	1)					
	2.5		9/03/70-09/07/970 H	-	3349	11056
34(	2)					
	3.7		9/14/36-09/18/936 A GM	5- 7	3147	10050
	2.6		9/20/41-09/23/941 A GM	5-19	3210	10474
36(	12)					
	5.6		9/28/15-09/30/915 A LMV	2-13	3051	9010
	4.4		9/06/93-09/10/893 A LMV	3- 2	2947	9130
	3.8		9/30/37-10/04/937 A LMV	4-20A	2957	9004
	3.1		9/05/29-09/09/929 A LMV	4-15	2956	9003
	3.0		9/19/09-09/22/909 A LMV	3-16	3046	9122
38(	6)					
	5.4		9/03/50-09/07/950 A SA	5- 8	3003	8742
	5.2		9/23/29-09/28/929 A SA	3-20	3156	8156
	4.0		10/12/41-10/22/941 A SA	5- 6	2948	8257
	3.6		10/04/24-10/11/924 A SA	4-20	2907	8055
	3.4		9/16/01-09/19/901 A SA	2- 5	3104	8413
40(	0)					

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



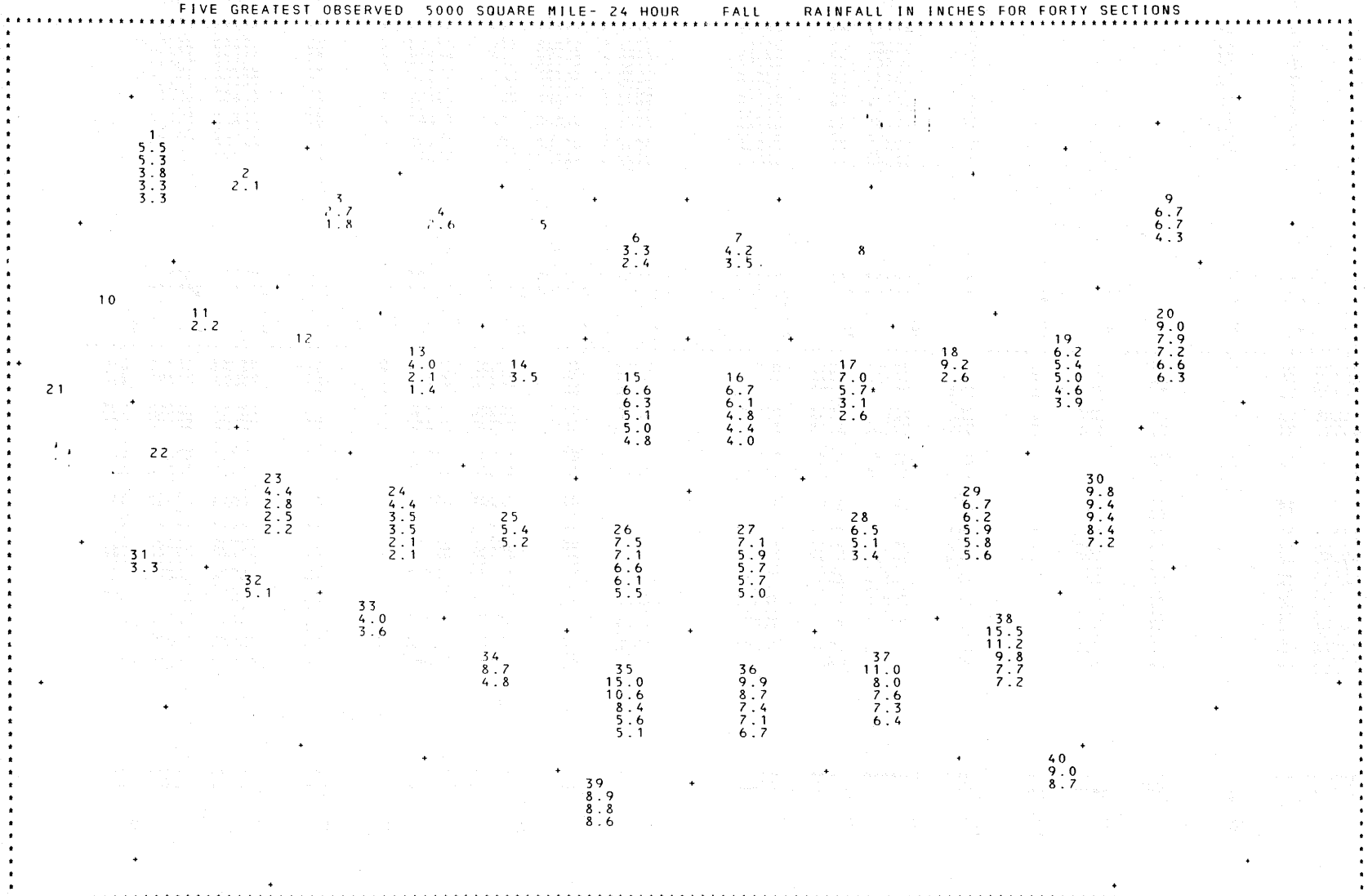
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT	NUMBER	LOCATION LAT	LONG
1(	7)							
	3.9		11/16/[illegible]-11/20/911	H		-	4730	12330
	3.1		11/18/[illegible]-11/22/921	H		-	4548	12156
	2.2		11/1[illegible]-11/20/911	H		-	4725	12144
	2.2		10/26/[illegible]-10/28/937	H		-	4730	12330
	2.1		10/26/[illegible]-10/28/937	H		-	4840	12135
3(	2)							
	1.9		9/03/[illegible]-09/06/911	A	MR	5-18	4855	11133
	1.3		9/27/[illegible]-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	4.0		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
	3.1		9/15/42-09/19/942	A	UMV	1-25	4457	9217
9(	3)							
	6.1		9/16/32-09/17/932	H		-	4553	6909
	4.8		11/02/27-11/04/927	A	NA	1-17	4403	7145
	2.6		11/06/63-11/10/963	H		-	4416	7118
11(	1)							
B	1.6		10/01/46-10/02/946	R		-	4349	11512
13(	3)							
	3.6		9/27/23-10/01/923	A	MR	4-23	4352	10547
	2.0		9/09/33-09/11/933	R		-	3930	10506
	0.9		10/[illegible]-10/15/899	R		-	3923	10806
15(	7)							
	6.3		9/[illegible]-09/19/926	A	MR	4-24	4312	9600
	4.6		9/16/[illegible]-09/19/919	A	MR	2-23	4020	9734
	4.5	-	10/03/[illegible]-10/05/946	H		-	4157	9952
	4.2		9/[illegible]-09/11/900	A	UMV	1- 6	4241	9640
	4.0	-	9/09/[illegible]-09/11/911	R		-	3944	9506
17(	4)							
	5.4		9/08/26-09/09/926	A	OR	4-22	3930	8811
	4.2		10/09/[illegible]-10/10/954	H		-	4145	8820
	2.8		9/30/[illegible]-10/07/941	A	UMV	3-20C	4135	8645
	1.7		9/26/26-10/05/926	H		-	4008	8855
19(	8)							
	4.8		9/27/96-09/30/896	A	SA	1-19	3923	7822
	4.0		9/27/67-09/29/967	H		-	4215	7825
	3.7		9/12/04-09/15/904	A	NA	1- 9	3935	7525
	3.2		11/24/50-11/27/950	H		-	4012	7814
	2.6		9/08/90-09/13/890	H		-	4212	7733
21(	0)							
23(	4)							
	3.5		9/04/39-09/07/939	H		-	3444	11337
	2.0		11/25/05-11/28/905	H		-	3413	11245
	1.5		10/16/47-10/15/947	H		-	3418	11015
	1.3		10/27/46-10/29/946	H		-	3725	11402
25(	2)							
	4.5		10/18/08-10/19/908	A	SW	2-23	3803	10238
	3.7		10/09/30-10/12/930	A	SW	2- 6	3512	10317
27(	17)							
	5.4		10/[illegible]-10/19/905	A	UMV	2- 6	3838	9113
	4.4		10/[illegible]-10/21/906	A	LMV	1- 4	3439	9028
	4.2		9/[illegible]-09/19/905	A	UMV	2-18	3858	9245
	3.9		9/[illegible]-09/20/923	A	SW	1-26	3428	9438
	3.7		9/2[illegible]-09/22/925	A	MR	3- 5	3723	9357
29(	9)							
	5.1		9/[illegible]-09/27/888	A	SA	3- 2	3411	8202
	5.0		10/2[illegible]-10/31/918	A	SA	3-14	3502	8312
	4.1		10/[illegible]-10/16/914	A	SA	2- 8	3546	8216
	4.1		9/2[illegible]-09/23/898	A	SA	2- 3	3600	8134
	3.9		10/2[illegible]-10/27/918	A	SA	2-10	3513	8214
31(	1)							
	2.2		10/02/25-10/06/925	R		-	3317	11652
33(	2)							
	2.7		9/[illegible]-09/17/919	A	GM	5-15B	3341	10511
	2.5		9/2[illegible]-09/29/941	A	SW	3- 1	3304	10602
35(	9)							
	11.1		9/[illegible]-09/10/921	A	GM	4-12	3035	9718
	6.0		[illegible]-11/25/940	A	GM	5-13	3008	9608
	5.0		9/29/[illegible]-09/28/936	A	GM	5- 8	3201	9708
	5.0		9/26/[illegible]-09/27/946	A	GM	5-24	2920	9829
	4.2		9/28/[illegible]-10/01/903	A	SW	1- 4	3337	9708
37(	6)							
	7.5		9/[illegible]-09/21/926	A	SA	4-23	3053	8747
	6.6		[illegible]-11/21/934	A	LMV	1-18	3138	8819
	6.3		[illegible]-08/08/943	A	GM	5-22	3126	8724
	5.7		9/28/[illegible]-10/01/898	A	LMV	1- 3	3025	8713
	5.7		9/[illegible]-10/03/929	A	SA	3-23	3038	8543
39(	3)							
	5.9		9/[illegible]-09/15/919	A	GM	5-15A	2821	9807
	5.8		9/[illegible]-09/24/967	A	SW	3-24	2618	9955
	5.7		9/[illegible]-09/13/961	H		-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT	NUMBER	LOCATION LAT	LONG
2(	1)							
	1.6		11/17/09-11/20/909	H		-	4812	11547
4(	1)							
	1.8		9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	2.8		10/09/49-10/10/949	H		-	4817	9806
	1.7		11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	0)							
12(	0)							
14(	1)							
	2.3		9/11/33-09/12/933	R		-	4009	10113
16(	6)							
	5.5		9/11/61-09/13/961	H		-	3941	9203
	4.5		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	3.6		9/10/28-09/14/928	A	MR	3-19	4043	9253
	3.3		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	2.8		9/11/15-09/16/915	A	UMV	1-15	4258	9007
18(	2)							
	8.0		9/10/78-09/13/878	A	OR	9-19	4145	8046
	2.2		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	12)							
	6.5		9/16/32-09/17/932	H		-	4122	7150
	5.8		10/03/69-10/04/869	H		-	4150	7254
	5.4		9/13/33-09/18/933	H		-	4203	7017
	4.9		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	4.5		9/20/82-09/24/882	A	NA	1- 3	4055	7410
22(	0)							
24(	7)							
	2.8		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	2.3		9/03/70-09/07/970	H			3738	10904
	1.9		10/04/11-10/06/911	A	SW	2-30	3753	10739
	1.6		9/03/09-09/07/909	R		-	3739	10748
	1.5		9/20/29-09/23/929	A	SW	2-28	3509	10539
26(	17)							
	7.3		9/02/40-09/06/940	A	SW	2-18	3615	9636
	5.4		10/19/08-10/24/908	A	SW	1-11	3530	9654
	5.1		9/11/26-09/16/926	A	SW	2- 1	3800	9333
	4.6		9/25/26-09/30/926	A	SW	2- 2	3517	9535
	4.5		11/15/28-11/17/928	A	MR	3-20	3755	9526
28(	3)							
	4.0		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	3.1		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	2.3		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
30(	13)							
	7.1		9/16/28-09/19/928	A	SA	2-15	3417	7952
	6.4		9/13/24-09/17/924	A	SA	3-16	3444	7639
	5.8		9/28/70-10/01/870	H		-	3741	7925
	5.8		9/02/35-09/06/935	A	SA	1-26	3846	7601
	4.8		9/18/44-09/19/944	H		-	3753	7843
32(	1)							
	3.7		9/03/70-09/07/970	H		-	3349	11056
34(	2)							
	5.8		9/14/36-09/18/936	A	GM	5- 7	3147	10050
	3.9		9/20/41-09/23/941	A	GM	5-19	3210	10474
36(	12)							
	8.7		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	6.2		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	6.0		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
	5.7		9/19/09-09/22/909	A	LMV	3-16	3046	9122
	4.7		9/16/08-09/20/908	A	LMV	3-15	2945	9320
38(	6)							
	9.7		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	7.8		9/23/29-09/28/929	A	SA	3-20	3156	8156
	7.6		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	5.9		9/16/01-09/19/901	A	SA	2- 5	3204	8413
	5.2		10/04/24-10/11/924	A	SA	4-20	2907	8055
40(	0)							

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



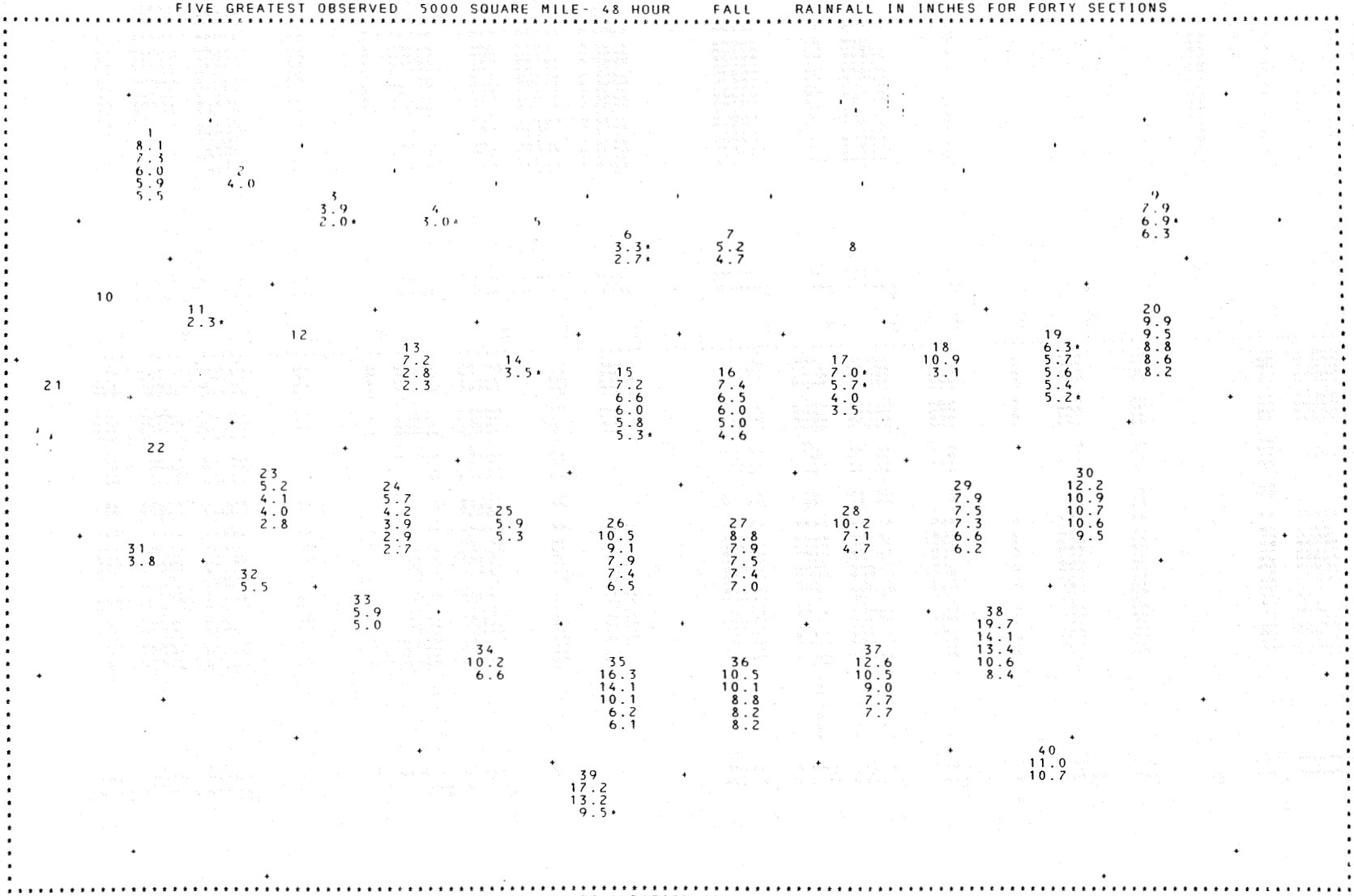
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
1(	7)							
	5.5		11/16/[illegible]-11/20/911	H		-	4730	12330
	5.3		11/18/[illegible]-11/22/921	H		-	4548	12156
	3.8		10/21/34-10/26/934	H		-	4609	12202
	3.5		11/16/[illegible]-11/20/911	H		-	4725	12144
	3.5		10/26/37-10/28/937	H		-	4840	12135
3(	2)							
	2.7		9/[illegible]-09/06/911	A	MR	5-18	4855	11133
	1.8		9/27/[illegible]-09/28/919	A	MR	5-24	4834	11301
5(	0)							
7(	2)							
	4.2		9/11/03-09/15/903	A	UMV	2- 3	4425	9203
	3.5		9/15/42-09/19/942	A	UMV	1-25	4457	9217
9(	3)							
	6.7		11/02/27-11/04/927	A	NA	1-17	4403	7145
	6.7		9/16/32-09/17/932	H		-	4553	6909
	4.3		11/06/63-11/10/963	H		-	4416	7118
11(	1)							
B	2.2		10/01/46-10/02/946	R		-	4349	11512
13(	3)							
	4.0		9/27/23-10/01/923	A	MR	4-23	4352	10547
	2.1		9/09/33-09/11/933	R		-	3930	10506
	1.4		10/10/99-10/15/899	R		-	3923	10806
15(	7)							
	6.6		9/17/26-09/19/926	A	MR	4-24	4312	9600
	6.3		9/16/19-09/19/919	A	MR	2-23	4020	9734
	5.1		10/03/46-10/05/946	H		-	4157	9952
	5.0		9/07/00-09/11/900	A	UMV	1- 6	4241	9640
	4.8		9/06/09-09/09/909	A	MR	1-28	3904	9537
17(	4)							
	7.0		10/09/54-10/10/954	H		-	4145	8820
	5.7(	5000- 21)	9/08/26-09/09/926	A	OR	4-22	3930	8811
	3.1		9/30/41-10/07/941	A	UMV	3-20C	4135	8645
	2.6		9/26/26-10/05/926	H		-	4008	8855
19(	8)							
	6.2		9/27/96-09/30/896	A	SA	1-19	3923	7822
	5.4		9/12/04-09/15/904	A	NA	1- 9	3935	7525
	5.0		9/27/67-09/29/967	H		-	4215	7825
	4.6		11/24/50-11/27/950	H		-	4012	7814
	3.9		9/24/02-09/27/902	A	SA	1- 5	3940	7606
21(	0)							
23(	4)							
	4.4		9/04/39-09/07/939	H		-	3444	11337
	2.8		11/25/05-11/28/905	H		-	3413	11245
	2.5		10/27/46-10/29/946	H		-	3725	11402
	2.2		10/10/47-10/15/947	H		-	3418	11015
25(	2)							
	5.4		10/09/30-10/12/930	A	SW	2- 6	3512	10317
	5.2		10/18/08-10/19/908	A	SW	2-23	3803	10238
27(	17)							
	7.1		11/17/06-11/21/906	A	LMV	1- 4	3439	9028
	5.9		9/12/05-09/19/905	A	UMV	2-18	3858	9245
	5.7		10/16/05-10/19/905	A	UMV	2- 6	3838	9113
	5.7		10/25/19-10/28/919	A	LMV	1-13A	3759	9122
	5.0		9/20/25-09/22/925	A	MR	3- 6	3723	9357
29(	9)							
	6.7		9/08/88-09/12/888	A	SA	3- 2	3411	8202
	6.2		10/24/18-10/29/918	A	SA	2-10	3513	8214
	5.9		9/21/98-09/23/898	A	SA	2- 3	3600	8134
	5.8		10/26/18-10/31/918	A	SA	3-14	3502	8312
	5.6		10/13/14-10/16/914	A	SA	2- 8	3546	8216
31(	1)							
	3.3		10/03/25-10/06/925	R		-	3317	11652
33(	2)							
	4.0		9/15/19-09/17/919	A	GM	5-15B	3341	10511
	3.6		9/27/41-09/29/941	A	SW	3- 1	3304	10602
35(	9)							
	15.0		9/08/21-09/10/921	A	GM	4-12	3035	9718
	10.6		11/22/40-11/25/940	A	GM	5-13	3008	9608
	8.4		9/25/36-09/28/936	A	GM	5- 8	3201	9708
	5.6		11/16/07-11/20/907	A	LMV	1- 6	3119	9528
	5.1		9/26/46-09/27/946	A	GM	5-24	2920	9829
37(	7)							
	11.0		9/17/26-09/21/926	A	SA	4-23	3053	8747
	8.0		9/29/29-10/03/929	A	SA	3-23	3038	8543
	7.6		11/19/34-11/21/934	A	LMV	1-18	3138	8819
	7.3		11/06/43-11/08/943	A	GM	5-22	3126	8724
	6.4		9/28/98-10/01/898	A	LMV	1- 3	3025	8713
39(	3)							
	8.9		9/19/67-09/24/967	A	SW	3-24	2618	9955
	8.8		9/14/19-09/15/919	A	GM	5-15A	2821	9807
	8.6		9/10/61-09/13/961	H		-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE			CORPS ASSIGNMENT NUMBER	LOCATION LAT	LOCATION LONG
2(	1)							
	2.1		11/17/09-11/20/909	H		-	4812	11547
4(	1)							
	2.6		9/06/41-09/08/941	A	MR	6-20	4525	10755
6(	2)							
	3.3		10/09/49-10/10/949	H		-	4817	9806
	2.4		11/13/44-11/14/944	H		-	4814	9740
8(	0)							
10(	0)							
12(	0)							
14(	1)							
	3.5		9/11/33-09/12/933	R		-	4009	10113
16(	6)							
	6.7		9/11/61-09/13/961	H		-	3941	9203
	6.1		9/30/41-10/07/941	A	UMV	3-20B	4058	9023
	4.8		10/27/00-10/30/900	A	UMV	1- 7A	4348	9115
	4.4		9/11/15-09/16/915	A	UMV	1-15	4258	9007
	4.0		9/10/28-09/14/928	A	MR	3-19	4043	9253
18(	2)							
	9.2		9/10/78-09/13/878	A	OR	9-19	4145	8046
	2.6		9/01/22-09/04/922	A	OR	1-27B	3955	8045
20(	12)							
	9.0		10/07/03-10/11/903	A	GL	4- 9	4055	7410
	7.9		9/16/32-09/17/932	H		-	4122	7150
	7.2		10/03/69-10/04/869	H		-	4150	7254
	6.6		9/13/33-09/18/933	H		-	4203	7017
	6.3		9/17/38-09/22/938	A	NA	2- 2	4140	7240
22(	0)							
24(	7)							
	4.4		9/26/04-09/30/904	A	SW	1- 6	3552	10520
	3.5		10/04/11-10/06/911	A	SW	2-30	3753	10739
	3.5		9/03/70-09/07/970	H		-	3738	10904
	2.1		9/20/29-09/23/929	A	SW	2-28	3509	10539
	2.1		9/03/09-09/07/909	R		-	3739	10748
26(	17)							
	7.5		9/02/40-09/06/940	A	SW	2-18	3615	9636
	7.1		11/15/28-11/17/928	A	MR	3-20	3755	9526
	6.6		10/19/08-10/24/908	A	SW	1-11	3530	9654
	6.1		9/30/41-10/07/941	A	UMV	3-20	3430	9705
	5.5		9/25/26-09/30/926	A	SW	2- 2	3517	9535
28(	3)							
	6.5		10/03/10-10/06/910	A	OR	4- 8	3722	8829
	5.1		9/28/98-10/01/898	A	LMV	1- 3A	3653	8935
	3.4		10/30/19-11/01/919	A	LMV	1-13B	3729	8618
30(	13)							
	9.8		9/[illegible]-09/06/935	A	SA	1-26	3846	7601
	9.4		9/[illegible]-09/19/928	A	SA	2-15	3417	7952
	9.4		9/[illegible]-09/17/924	A	SA	3-16	3444	7639
	6.4		9/28/[illegible]-10/01/870	H		-	3741	7925
	7.2		[illegible]-10/17/942	A	SA	1-28A	3831	7826
32(	1)							
	5.1		9/03/[illegible]-09/07/970	H		-	3349	11056
34(	2)							
	8.7		9/[illegible]-09/18/936	A	GM	5- 7	3147	10050
	4.8		9/20/41-09/23/941	A	GM	5-19	3210	10474
36(	12)							
	9.9							
	8.7		9/28/15-09/30/915	A	LMV	2-13	3051	9010
	7.4		9/30/37-10/04/937	A	LMV	4-22A	2957	9004
	7.1		9/19/09-09/22/909	A	LMV	3-16	3046	9122
	6.7		9/06/93-09/10/893	A	LMV	3- 2	2947	9130
			9/25/13-09/30/913	A	LMV	3-18	3050	9301
38(	7)							
	15.5							
	11.2		9/03/50-09/07/950	A	SA	5- 8	2903	8242
	9.8		10/17/41-10/22/941	A	SA	5- 6	2948	8257
	7.7		9/23/29-09/28/929	A	SA	3-20	3156	8156
	7.2		[illegible]-10/11/924	A	SA	4-20	2907	8055
			9/16/01-09/19/901	A	SA	2- 5	3204	8413
40(	2)							
	9.0		9/04/33-09/07/933	H		-	2837	8146
	8.7		9/24/94-09/26/894	H		-	2827	8146

FIVE GREATEST OBSERVED 5000 SQUARE MILE- 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



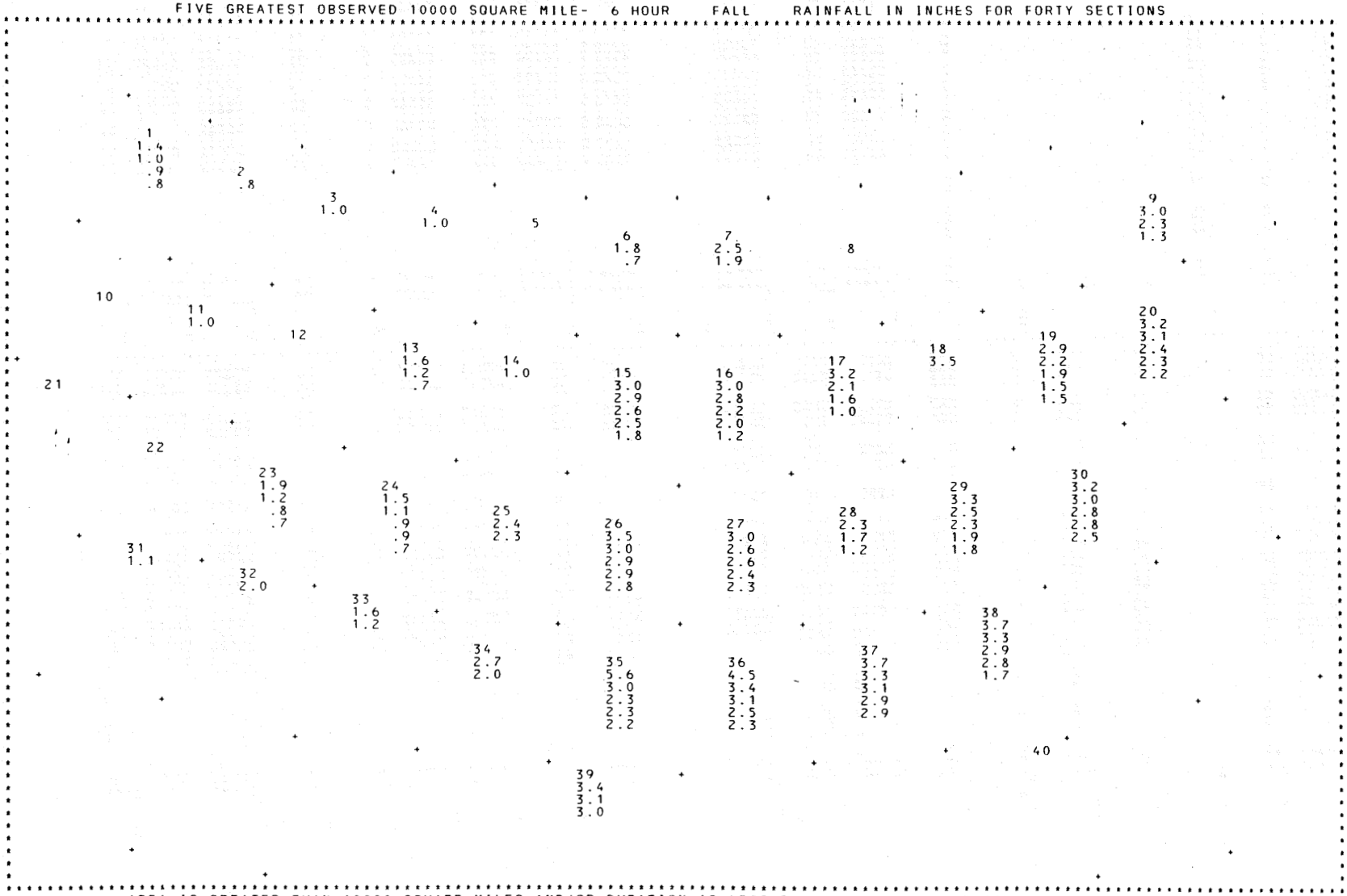
* AREA IS GREATER THAN 5000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

THE FIVE GREATEST OBSERVED 5000 SQUARE MILE - 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	7)					
	8.1		11/18/21-11/22/921 H	-	4548	12156
	7.3		11/16/11-11/20/911 H	-	4730	12330
	6.0		11/16/11-11/20/911 H	-	4725	12144
	5.9		10/21/34-10/26/934 H	-	4609	12202
	5.5		10/26/37-10/28/937 H	-	4840	12135
3(	2)					
	3.9		9/03/11-09/06/911 A	MR 5-18	4855	11133
	2.0(	5000- 36.	9/27/19-09/28/919 A	MR 5-24	4834	11301
5(	0)					
7(	2)					
	5.2		9/15/42-09/19/942 A	UMV 1-25	4457	9217
	4.7		9/11/03-09/15/903 A	UMV 2- 3	4425	9203
9(	3)					
	7.9		11/02/27-11/04/927 A	NA 1-17	4403	7145
	6.9(	5000- 30)	9/16/32-09/17/932 H	-	4553	6909
	6.3		11/06/63-11/10/963 H	-	4416	7118
11(	1)					
B	2.3(	5000- 30)	10/01/46-10/02/946 R	-	4349	11512
13(	3)					
	7.2		9/27/23-10/01/923 A	MR 4-23	4352	10547
	2.8		9/09/33-09/11/933 R	-	3930	10506
	2.3		10/10/99-10/15/899 R	-	3923	10806
15(	7)					
	7.2		9/16/19-09/19/919 A	MR 2-23	4020	9734
	6.6		9/17/26-09/19/926 A	MR 4-24	4312	9600
	6.0	-	9/20/02-09/24/902 A	MR 1- 8	3901	9953
	5.8		9/06/09-09/09/909 A	MR 1-28	3904	9537
	5.3(	5000- 36)	10/03/46-10/05/946 H	-	4157	9952
17(	4)					
	7.0(	5000- 24)	10/09/54-10/10/954 H	-	4145	8820
	5.7(	5000- 30)	9/08/26-09/09/926 A	OR 4-22	3930	8811
	4.0		9/30/41-10/07/941 A	UMV 3-20C	4135	8645
	3.5		9/26/26-10/05/926 H	-	4008	8855
19(	8)					
	6.3(	5000- 30)	9/27/96-09/30/896 A	SA 1-19	3923	7822
	5.7		9/22/12-09/25/912 A	SA 1-22A	3941	7721
	5.6		9/24/02-09/27/902 A	SA 1- 5	3940	7606
	5.4		9/12/04-09/15/904 A	NA 1- 9	3935	7525
	5.2(	5000- 36)	9/27/67-09/29/967 H	-	4215	7825
21(	0)					
23(	4)					
	5.2		9/04/39-09/07/939 H	-	3444	11337
	4.1		10/27/46-10/29/946 H	-	3725	11402
	4.0		11/25/05-11/28/905 H	-	3413	11245
	2.8		10/10/47-10/15/947 H	-	3418	11015
25(	2)					
	5.9		10/09/30-10/12/930 A	SW 2- 6	3512	10317
	5.3		10/18/08-10/19/908 A	SW 2-23	3803	10238
27(	17)					
	8.8		10/25/19-10/28/919 A	LMV 1-13A	3759	9122
	7.9		11/17/06-11/21/906 A	LMV 1- 4	3439	9028
	7.5		9/28/27-10/02/927 A	MR 3-14	3548	9342
	7.4		11/16/21-11/19/921 A	SW 1-24	3515	9144
	7.0		9/12/05-09/19/905 A	UMV 2-18	3858	9245
29(	9)					
	7.9		9/08/88-09/12/888 A	SA 3- 2	3411	8202
	7.5		10/02/98-10/04/898 A	SA 3- 7	3561	8212
	7.3		10/24/18-10/27/918 A	SA 2-10	3513	8214
	6.6		10/13/14-10/16/914 A	SA 2- 8	3546	8216
	6.2		9/21/98-09/23/898 A	SA 2- 3	3600	8134
31(	1)					
	3.8		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	5.9		9/15/19-09/17/919 A	GM 5-15B	3341	10511
	5.0		9/27/41-09/29/941 A	SW 3- 1	3304	10602
35(	9)					
	16.3		9/08/21-09/10/921 A	GM 4-12	3035	9718
	14.1		11/22/40-11/25/940 A	GM 5-13	3008	9608
	10.1		9/25/36-09/28/936 A	GM 5- 8	3201	9708
	6.2		11/16/07-11/20/907 A	LMV 1- 6	3119	9528
	6.1		10/24/04-10/26/904 A	GM 3-11	3245	9748
37(	7)					
	12.6		9/17/26-09/21/926 A	SA 4-23	3053	8747
	10.5		9/29/29-10/03/929 A	SA 3-23	3038	8543
	9.0		11/19/34-11/21/934 A	LMV 1-18	3138	8819
	7.7		10/14/32-10/18/932 A	SA 5-11B	3314	8737
	7.7		9/28/98-10/01/898 A	LMV 1- 3	3025	8713
39(	3)					
	17.2		9/19/67-09/24/967 A	SW 3-24	2618	9955
	13.2		9/10/61-09/13/961 H	-	2858	9557
	9.5(	5000- 42.	9/14/19-09/15/919 A	GM 5-15A	2821	9807

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	1)					
	4.6		11/17/09-11/20/909 H	-	4812	11541
4(	1)					
	3.0(	5000- 42)	9/06/41-09/08/941 A	MR 6-20	4525	10755
6(	2)					
	3.3(	5000- 30)	10/09/49-10/10/949 H	-	4817	9806
	2.7(	5000- 36)	11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	0)					
12(	0)					
14(	1)					
	3.5(	5000- 30)	9/11/33-09/12/933 R	-	4009	10113
16(	6)					
	7.4		9/11/61-09/13/961 H	-	3941	9203
	6.5		9/30/41-10/07/941 A	UMV 3-20B	4058	9023
	6.0		9/10/28-09/14/928 A	MR 3-19	4043	9253
	5.0		10/27/00-10/30/900 A	UMV 1- 7A	4348	9115
	4.6		9/11/15-09/16/915 A	UMV 1-15	4258	9007
18(	2)					
	10.9		9/10/78-09/13/878 A	OR 9-19	4145	8046
	3.1		9/01/22-09/04/922 A	OR 1-27B	3955	8045
20(	13)					
	9.9		10/07/03-10/11/903 A	GL 4- 9	4055	7410
	9.5		9/17/38-09/22/938 A	NA 2- 2	4140	7240
	8.8		9/13/33-09/18/933 H	-	4203	7017
	8.6		9/20/82-09/24/882 A	NA 1- 3	4055	7410
	8.2		9/16/32-09/17/932 H	-	4122	7150
22(	0)					
24(	7)					
	5.7		9/26/04-09/30/904 A	SW 1- 6	3552	10520
	4.2		9/03/70-09/07/970 H	-	3738	10904
	3.9		10/04/11-10/06/911 A	SW 2-30	3753	10739
	2.9		9/20/29-09/23/929 A	SW 2-28	3509	10539
	2.7		9/03/09-09/07/909 R	-	3739	10748
26(	17)					
	10.5		10/19/08-10/24/908 A	SW 1-11	3530	9654
	9.1		11/15/28-11/17/928 A	MR 3-20	3755	9526
	7.9		9/02/40-09/06/940 A	SW 2-18	3615	9636
	7.4		9/25/26-09/30/926 A	SW 2- 2	3517	9535
	6.5		10/11/23-10/16/923 A	SW 1-27	3452	9930
28(	3)					
	10.2		10/03/10-10/06/910 A	OR 4- 8	3722	8829
	7.1		9/28/98-10/01/898 A	LMV 1- 3A	3653	8935
	4.7		10/30/19-11/01/919 A	LMV 1-13B	3729	8618
30(	13)					
	12.2		9/02/35-09/06/935 A	SA 1-26	3846	7601
	10.9		9/16/28-09/19/928 A	SA 2-15	3417	7952
	10.7		10/11/42-10/17/942 A	SA 1-28A	3831	7826
	10.6		9/13/24-09/17/924 A	SA 3-16	3444	7639
	9.5		9/28/70-10/01/870 H	-	3741	7925
32(	1)					
	5.5		9/03/70-09/07/970 H	-	3349	11056
34(	2)					
	10.2		9/14/36-09/18/936 A	GM 5- 7	3147	10050
	6.6		9/20/41-09/23/941 A	GM 5-19	3210	10474
36(	13)					
	10.5		9/30/37-10/04/937 A	LMV 4-22A	2957	9004
	10.1		9/28/15-09/30/915 A	LMV 2-13	3051	9010
	8.8		9/25/13-09/30/913 A	LMV 3-18	3050	9301
	8.2		9/16/08-09/20/908 A	LMV 3-15	2945	9320
	8.2		9/06/93-09/10/893 A	LMV 3- 2	2947	9130
38(	7)					
	19.7		9/03/50-09/07/950 A	SA 5- 8	2903	8242
	14.1		10/17/41-10/22/941 A	SA 5- 6	2948	8257
	13.4		9/23/29-09/28/929 A	SA 3-20	3156	8156
	10.6		10/04/24-10/11/924 A	SA 4-20	2907	8055
	8.4		9/16/01-09/19/901 A	SA 2- 5	3204	8413
40(	2)					
	11.0		9/04/33-09/07/933 H	-	2837	8146
	10.7		9/24/94-09/26/894 H	-	2827	8146

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



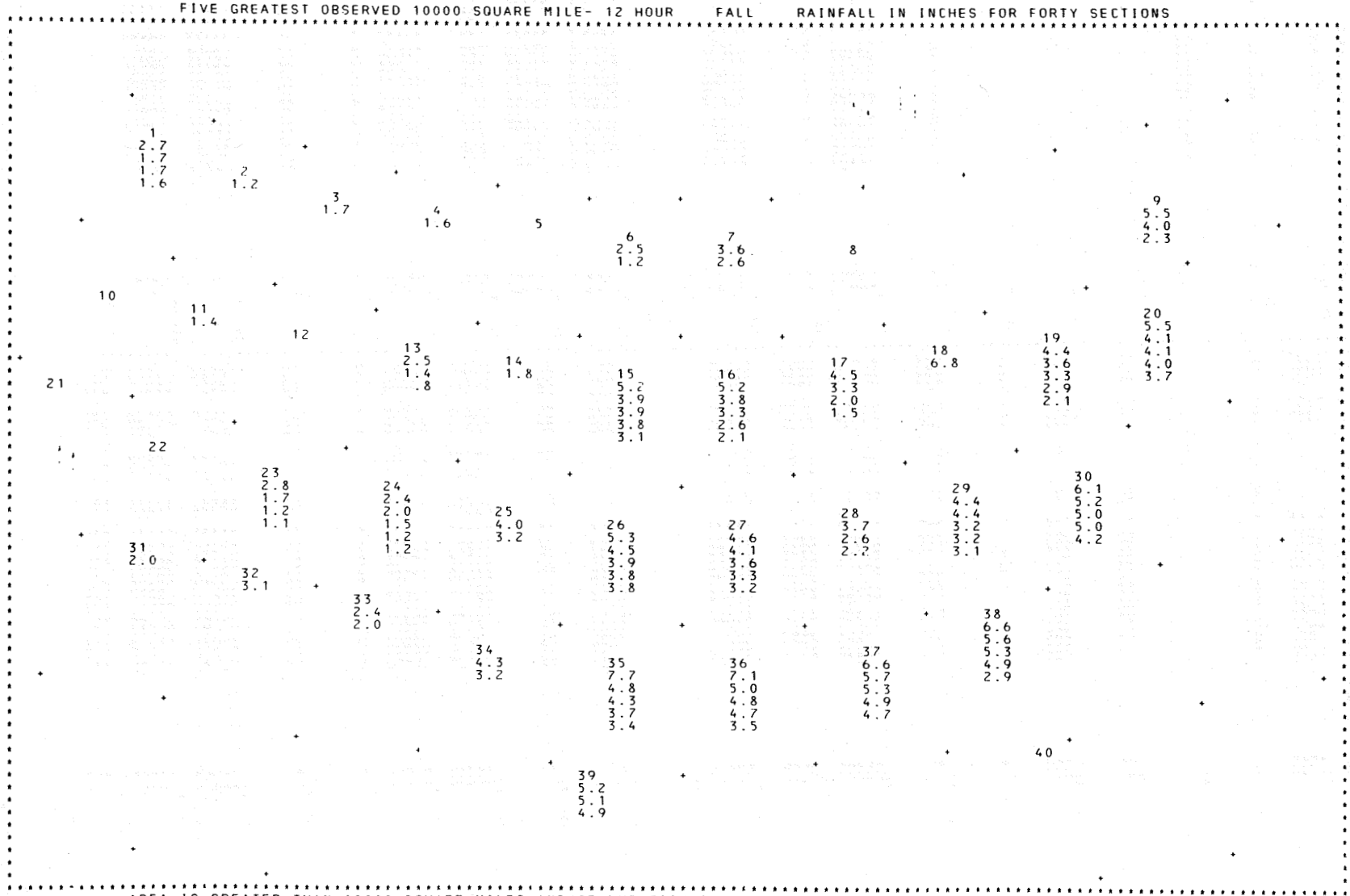
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 6 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 6 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUP	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	4)					
	1.6		11/18/21-11/22/921 H	-	4548	12156
	1.0		11/02/34-11/07/934 H	-	4601	12221
	0.9		10/21/34-10/26/934 H	-	4609	12202
	0.8		11/16/11-11/20/911 H	-	4725	12144
3(	1)					
	1.0		9/03/11-09/06/911 A	MR 5-18	4855	11133
5(	0)					
7(	2)					
	2.5		9/11/03-09/15/903 A	UMV 2- 3	4425	9203
	1.9		9/15/42-09/19/942 A	UMV 1-25	4457	9217
9(	3)					
	3.0		9/16/32-09/17/932 H	-	4553	6909
	2.3		11/02/27-11/04/927 A	NA 1-17	4403	7145
	1.3		11/06/63-11/10/963 H	-	4416	7118
11(	1)					
B	1.0		10/01/46-10/02/946 R	-	4349	11512
13(	3)					
	1.6		9/27/23-10/01/923 A	MR 4-23	4352	10547
	1.2		9/09/33-09/11/933 R	-	3930	10506
	0.7		10/10/99-10/15/899 R	-	3923	10806
15(	7)	-				
	3.0		9/17/26-09/19/926 A	MR 4-24	4312	9600
	2.9	-	9/16/19-09/19/919 A	MR 2-23	4020	9734
	2.6		10/03/46-10/05/946 H	-	4157	9952
	2.5		9/07/00-09/11/900 A	UMV 1- 6	4241	9640
	1.8		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	3.2		9/08/26-09/09/926 A	OR 4-22	3930	8811
	2.1		10/09/54-10/10/954 H	-	4145	8820
	1.6		9/30/41-10/07/941 A	UMV 3-20C	4135	8645
	1.0		9/26/26-10/05/926 H	-	4008	8855
19(	8)					
	2.9		9/27/96-09/30/896 A	SA 1-19	3923	7822
	2.2		9/27/67-09/29/967 H	-	4215	7825
	1.9		9/12/04-09/15/904 A	NA 1- 9	3935	7525
	1.5		11/24/50-11/27/950 H	-	4012	7814
	1.5		9/08/90-09/13/890 H	-	4212	7733
21(	0)					
23(	4)					
	1.9		9/04/39-09/07/939 H	-	3444	11337
	1.2		11/25/05-11/28/905 H	-	3413	11245
	0.8		10/10/47-10/15/947 H	-	3418	11015
	0.7		10/27/46-10/29/946 H	-	3725	11402
25(	2)					
	2.4		10/18/08-10/19/908 A	SW 2-23	3803	10238
	2.3		10/09/30-10/12/930 A	SW 2- 6	3512	10317
27(	16)					
	3.0		10/16/05-10/19/905 A	UMV 2- 6	3838	9113
	2.6		9/12/05-09/19/905 A	UMV 2-18	3858	9245
	2.6		11/17/06-11/21/906 A	LMV 1- 6	3439	9028
	2.4		11/06/18-11/08/918 A	MR 2-18	3652	9422
	2.3		9/13/23-09/20/923 A	SW 1-26	3428	9438
29(	8)					
	3.3		10/26/18-10/31/918 A	SA 3-14	3502	8312
	2.5		9/08/88-09/12/888 A	SA 3- 2	3411	8202
	2.3		9/21/98-09/23/898 A	SA 2- 3	3600	8134
	1.9		9/22/12-09/25/912 A	SA 1-22B	3415	8037
	1.8		10/24/18-10/27/918 A	SA 2-10	3513	8214
31(	1)					
	1.1		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	1.6		9/15/19-09/17/919 A	GM 5-15B	3341	10511
	1.2		9/27/41-09/29/941 A	SW 3- 1	3304	10602
35(	8)					
	5.6		9/08/21-09/10/921 A	GM 4-12	3035	9718
	3.0		11/22/40-11/25/940 A	GM 5-13	3008	9608
	2.3		9/25/36-09/28/936 A	GM 5- 8	3201	9708
	2.3		9/28/03-10/01/903 A	SW 1- 4	3337	9708
	2.2		11/16/07-11/20/907 A	LMV 1- 6	3119	9528
37(	6)					
	3.7		9/17/26-09/21/926 A	SA 4-23	3053	8747
	3.3		9/29/29-10/03/929 A	SA 3-23	3038	8543
	3.1		11/19/34-11/21/934 A	LMV 1-18	3138	8819
	2.9		9/28/98-10/01/898 A	LMV 1- 3	3025	8713
	2.9		11/06/43-11/08/943 A	GM 5-22	3126	8724
39(	3)					
	3.4		9/14/19-09/15/919 A	GM 5-15A	2821	9807
	3.1		9/19/67-09/24/967 A	SW 3-24	2618	9955
	3.0		9/10/61-09/13/961 H	-	2858	9557

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	1)					
	0.8		11/17/09-11/20/909 H	-	4813	11541
4(	1)					
	1.0		9/06/41-09/08/941 A	MR 6-20	4525	10755
6(	2)					
	1.8		10/09/49-10/10/949 H	-	4817	9806
	0.7		11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	0)					
12(	0)					
14(	1)					
	1.0		9/11/33-09/12/933 R	-	4009	10113
16(	6)					
	3.0		9/10/28-09/14/928 A	MR 3-19	4043	9253
	2.8		9/11/61-09/13/961 H	-	3941	9203
	2.2		9/30/41-10/07/941 A	UMV 3-20B	4058	9023
	2.0		10/27/00-10/30/900 A	UMV 1- 7A	4348	9115
	1.2		9/11/15-09/16/915 A	UMV 1-15	4258	9007
18(	1)					
	3.5		9/10/78-09/13/878 A	OR 9-19	4145	8046
20(	11)					
	3.2		9/16/32-09/17/932 H	-	4122	7150
	3.1		9/12/44-09/15/944 A	NA 2-16	4029	7427
	2.4		9/13/33-09/18/933 H	-	4203	7017
	2.3		9/17/38-09/22/938 A	NA 2- 2	4140	7240
	2.2		10/04/32-10/06/932 A	NA 1-21	4210	7414
22(	0)					
24(	6)					
	1.5		9/26/04-09/30/904 A	SW 1- 6	3552	10520
	1.1		9/03/70-09/07/970 H	-	3738	10904
	0.9		9/06/27-09/10/927 R	-	3733	10749
	0.9		10/04/11-10/06/911 A	SW 2-30	3753	10739
	0.7		9/20/29-09/23/929 A	SW 2-28	3509	10539
26(	16)					
	3.5		10/19/08-10/24/908 A	SW 1-11	3530	9654
	3.0		9/02/40-09/06/940 A	SW 2-18	3615	9636
	2.9		9/25/26-09/30/926 A	SW 2- 2	3517	9535
	2.9		9/11/26-09/16/926 A	SW 2- 1	3800	9533
	2.8		11/15/28-11/17/928 A	MR 3-20	3755	9526
28(	3)					
	2.3		10/03/10-10/06/910 A	OR 4- 8	3722	8829
	1.7		9/28/98-10/01/898 A	LMV 1- 3A	3653	8935
	1.2		10/30/19-11/01/919 A	LMV 1-13B	3729	8618
30(	13)					
	3.2		9/16/28-09/19/928 A	SA 2-15	3417	7952
	3.0		9/02/35-09/06/935 A	SA 1-26	3846	7601
	2.8		9/28/70-10/01/870 H	-	3741	7925
	2.8		9/13/24-09/17/924 A	SA 3-16	3444	7639
	2.5		9/14/17-09/16/917 A	SA 5-24	3515	7540
32(	1)					
	2.0		9/03/70-09/07/970 H	-	5349	11056
34(	2)					
	2.7		9/14/36-09/18/936 A	GM 5- 7	3147	10050
	2.0		9/20/41-09/23/941 A	GM 5-19	3210	10444
36(	8)					
	4.5		9/28/15-09/30/915 A	LMV 2-13	3051	9010
	3.4		9/06/93-09/10/893 A	LMV 3- 2	2947	9130
	3.1		9/30/37-10/04/937 A	LMV 4-22A	2957	9004
	2.5		11/06/43-11/07/943 H	-	2959	9247
	2.3		9/19/09-09/22/909 A	LMV 3-16	3046	9122
38(	6)					
	3.7		9/23/29-09/28/929 A	SA 3-20	3156	8156
	3.3		9/03/50-09/07/950 A	SA 5- 8	2903	8242
	2.9		9/16/01-09/19/901 A	SA 2- 5	3204	8413
	2.8		10/17/41-10/22/941 A	SA 5- 6	2948	8257
	1.7		11/28/34-12/01/934 A	SA 5-26	3355	7801
40(	0)					

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



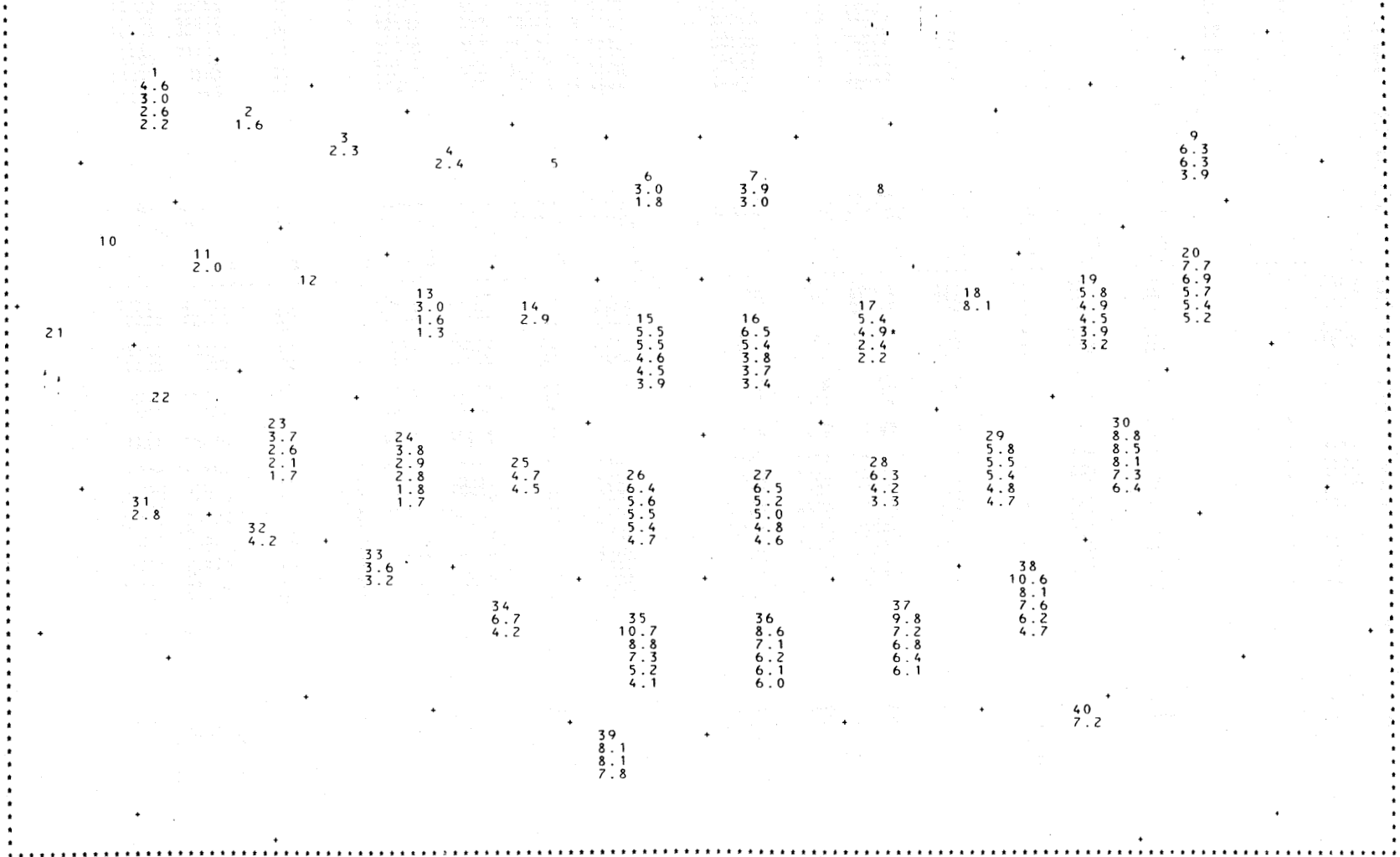
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 12 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 12 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	4)					
	2.7		11/18/21-11/22/921 H	-	4548	12156
	1.7		11/16/31-11/20/931 H	-	4725	12144
	1.7		11/52/34-11/07/934 H	-	4601	12221
	1.6		10/21/34-10/26/934 H	-	4609	12202
3(	1)					
	1.7		9/03/11-09/06/911 A MR	5-18	4855	11133
5(	0)					
7(	2)					
	3.6		9/11/03-09/15/903 A UMV	2- 3	4425	9203
	2.6		9/15/42-09/19/942 A UMV	1-25	4457	9217
9(	3)					
	5.5		9/16/32-09/17/932 H	-	4553	6909
	4.0		11/02/27-11/04/927 A NA	1-17	4403	7145
	2.3		11/06/63-11/10/963 H	-	4416	7118
11(	1)					
B	1.4		10/01/46-10/02/946 R	-	4349	11512
13(	3)					
	2.5		9/27/23-10/01/923 A MR	4-23	4352	10547
	1.4		9/09/33-09/11/933 R	-	3930	10506
	0.8		10/10/99-10/15/899 R	-	3923	10806
15(	7)					
	5.2		9/17/26-09/19/926 A MR	4-24	4312	9600
	3.9		9/16/19-09/19/919 A MR	2-23	4020	9734
	3.9		10/03/46-10/05/946 H	-	4157	9952
	3.8		9/07/00-09/11/900 A UMV	1- 6	4241	9640
	3.1		9/09/11-09/11/911 R	-	3944	9506
17(	4)					
	4.5		9/08/26-09/09/926 A OR	4-22	3930	8811
	3.3		10/09/54-10/10/954 H	-	4145	8820
	2.0		9/30/41-10/07/941 A UMV	3-20C	4135	8645
	1.5		9/26/26-10/05/926 H	-	4008	8855
19(	8)					
	4.4		9/27/96-09/30/896 A SA	1-19	3923	7822
	3.6		9/27/67-09/29/967 H	-	4215	7825
	3.3		9/12/04-09/15/904 A NA	1- 9	3935	7525
	2.9		11/24/50-11/27/950 H	-	4012	7814
	2.1		9/08/90-09/13/890 H	-	4212	7733
21(	0)					
23(	4)					
	2.8		9/04/39-09/07/939 H	-	3444	11337
	1.7		11/25/05-11/28/905 H	-	3413	11245
	1.2		10/10/47-10/15/947 H	-	3418	11015
	1.1		10/27/46-10/29/946 H	-	3725	11402
25(	2)					
	4.0		10/18/08-10/19/908 A SW	2-23	3803	10238
	3.2		10/09/30-10/12/930 A SW	2- 6	3512	10317
27(	16)					
	4.6		10/16/05-10/19/905 A UMV	2- 6	3838	9113
	4.1		11/17/06-11/21/906 A LMV	1- 4	3439	9028
	3.6		9/12/05-09/19/905 A UMV	2-18	3858	9245
	3.3		9/13/23-09/20/923 A SW	1-26	3428	9438
	3.2		9/28/27-10/02/927 A MR	3-14	3548	9342
29(	8)					
	4.4		9/08/88-09/12/888 A SA	3- 2	3411	8202
	4.4		10/26/18-10/31/918 A SA	3-14	3502	8312
	3.2		10/24/18-10/27/918 A SA	2-16	3513	8214
	3.2		9/21/98-09/23/898 A SA	2- 3	3600	8134
	3.1		10/17/37-10/20/937 A SA	5-14	3507	8238
31(	1)					
	2.0		10/03/25-10/06/925 R	-	3317	11652
33(	2)					
	2.4		9/15/19-09/17/919 A GM	5-15B	3341	10511
	2.0		9/27/41-09/29/941 A SW	3- 1	3304	10602
35(	8)					
	7.7		9/08/21-09/10/921 A GM	4-12	3035	9718
	4.8		11/22/40-11/25/940 A GM	5-13	3008	9608
	4.3		9/25/36-09/28/936 A GM	5- 8	3201	9708
	3.7		11/16/07-11/20/907 A LMV	1- 6	3119	9528
	3.4		9/28/03-10/01/903 A SW	1- 4	3337	9708
37(	6)					
	6.6		9/17/26-09/21/926 A SA	4-23	3053	8747
	5.7		11/19/34-11/21/934 A LMV	1-18	3138	8819
	5.3		11/06/43-11/08/943 A GM	5-22	3126	8724
	4.9		9/29/29-10/03/929 A SA	3-23	3038	8543
	4.7		9/28/98-10/01/898 A LMV	1- 3	3025	8713
39(	3)					
	5.2		9/10/61-09/13/961 H	-	2858	9557
	5.1		9/14/19-09/15/919 A GM	5-15A	2821	9807
	4.9		9/19/67-09/22/967 A SW	3-24	2618	9955

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE	CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	1)					
	1.2		11/17/09-11/20/909 H	-	4812	11541
4(	1)					
	1.6		9/06/41-09/08/941 A MR	6-20	4525	10755
6(	2)					
	2.5		10/09/49-10/10/949 H	-	4817	9806
	1.2		11/13/44-11/14/944 H	-	4814	9740
8(	0)					
10(	0)					
12(	0)					
14(	1)					
	1.8		9/11/33-09/12/933 R	-	4009	10113
16(	6)					
	5.2		9/11/61-09/13/961 H	-	3941	9203
	3.8		9/30/41-10/07/941 A UMV	3-20B	4058	9023
	3.3		9/10/28-09/14/928 A MR	3-19	4043	9253
	2.6		10/27/00-10/30/900 A UMV	1- 7A	4348	9115
	2.1		9/11/15-09/16/915 A UMV	1-15	4258	9007
18(	1)					
	6.8		9/10/78-09/13/878 A OR	9-19	4145	8046
20(	11)					
	5.5		9/16/32-09/17/932 H	-	4122	7150
	4.1		10/07/03-10/11/903 A GL	4- 9	4055	7410
	4.1		9/12/44-09/15/944 A NA	2-16	4029	7427
	4.0		9/13/33-09/18/933 H	-	4203	7017
	3.7		9/20/82-09/24/882 A NA	1- 3	4055	7410
22(	0)					
24(	6)					
	2.4		9/26/04-09/30/904 A SW	1- 6	3552	10520
	2.0		9/03/70-09/07/970 H	-	3738	10904
	1.5		10/04/11-10/06/911 A SW	2-30	3753	10739
	1.2		9/20/29-09/23/929 A SW	2-28	3509	10539
	1.2		9/18/41-09/23/941 R	-	3741	10802
26(	16)					
	5.3		9/02/40-09/06/940 A SW	2-18	3615	9636
	4.5		10/19/08-10/24/908 A SW	1-11	3530	9654
	3.9		11/15/28-11/17/928 A MR	3-20	3755	9526
	3.8		9/11/26-09/16/926 A SW	2- 1	3800	9533
	3.8		9/25/26-09/30/926 A SW	2- 2	3517	9535
28(	3)					
	3.7		10/03/10-10/06/910 A OR	4- 8	3722	8829
	2.6		9/28/98-10/01/898 A LMV	1- 3A	3653	8935
	2.2		10/30/19-11/01/919 A LMV	1-13B	3729	8618
30(	13)					
	6.1		9/16/28-09/19/928 A SA	2-15	3417	7952
	5.2		9/02/35-09/06/935 A SA	1-26	3846	7601
	5.0		9/28/70-10/01/870 H	-	3741	7925
	5.0		9/13/24-09/17/924 A SA	3-16	3444	7639
	4.2		9/13/45-09/18/945 A SA	5-27	3457	7947
32(	1)					
	3.1		9/03/70-09/07/970 H	-	3349	11056
34(	2)					
	4.3		9/14/36-09/18/936 A GM	5- 7	3147	10050
	3.2		9/20/41-09/23/941 A GM	5-19	3210	10414
36(	8)					
	7.1		9/28/15-09/30/915 A LMV	2-13	3051	9010
	5.0		9/30/37-10/04/937 A LMV	4-22A	2957	9004
	4.8		9/06/93-09/10/893 A LMV	3- 2	2947	9130
	4.7		9/19/09-09/22/909 A LMV	3-16	3046	9122
	3.5		9/25/13-09/30/913 A LMV	3-18	3050	9301
38(	6)					
	6.6		9/03/50-09/07/950 A SA	5- 8	2903	8242
	5.6		9/23/29-09/28/929 A SA	3-20	3156	8156
	5.3		10/17/41-10/22/941 A SA	5- 6	2948	8257
	4.9		9/16/01-09/19/901 A SA	2- 5	3204	8413
	2.9		11/28/34-12/01/934 A SA	5-26	3355	7801
40(	0)					

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



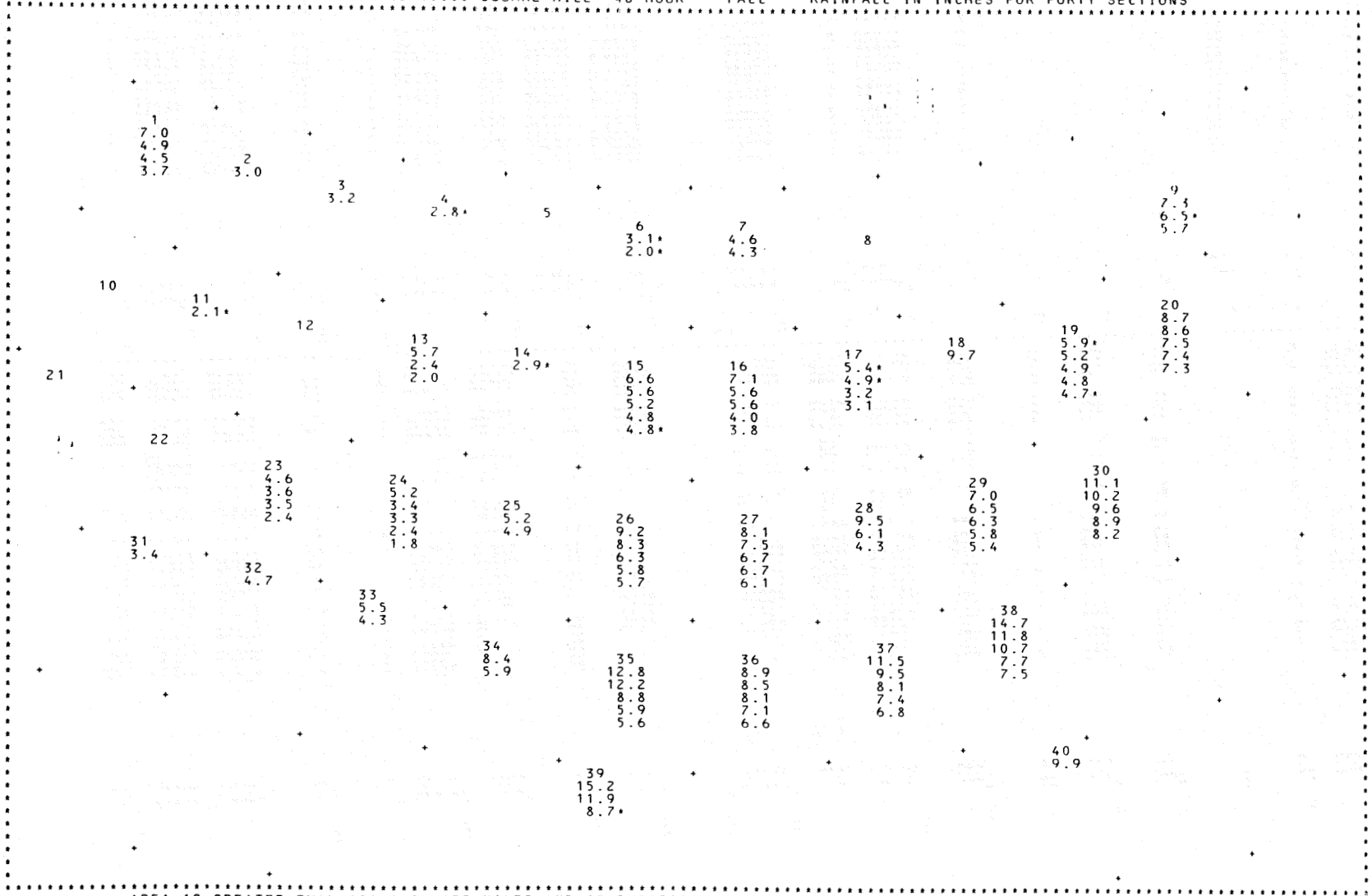
* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 24 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 24 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
1(	4)							
	4.6		11/18/21-11/22/921 H		-		4548	12156
	3.0		10/21/34-10/26/934 H		-		4609	12202
	2.6		11/16/11-11/20/911 H		-		4725	12144
	2.2		11/02/34-11/07/934 H		-		4601	12221
3(	1)							
	2.3		9/03/11-09/06/911 A	MR	5-18		4855	11133
5(	0)							
7(	2)							
	3.9		9/11/03-09/15/903 A	UMV	2- 3		4425	9203
	3.0		9/15/42-09/19/942 A	UMV	1-25		4457	9217
9(	3)							
	6.3		11/02/27-11/06/927 A	NA	1-17		4403	7145
	6.3		9/16/32-09/17/932 H		-		4553	6909
	3.9		11/06/63-11/10/963 H		-		4416	7118
11(	1)							
B	2.0		10/01/46-10/02/946 R		-		4349	11512
13(	3)							
	3.0		9/27/23-10/01/923 A	MR	4-23		4352	10547
	1.6		9/09/33-09/11/933 R		-		3930	10506
	1.3		10/10/99-10/15/899 R		-		3923	10806
15(	7)							
	5.5		9/16/19-09/19/919 A	MR	2-23		4020	9734
	5.5		9/17/26-09/19/926 A	MR	4-14		4312	9600
	4.6	-	10/03/46-10/05/946 H		-		4157	9952
	4.5	-	9/07/00-09/11/900 A	UMV	1- 6		4241	9640
	3.9		9/06/09-09/09/909 A	MR	1-28		3904	9537
17(	4)							
	5.4		10/09/54-10/10/954 H		-		4145	8820
	4.9(	10000- 21)	9/08/26-09/09/926 A	OR	4-22		3930	8811
	2.4		9/30/41-10/07/941 A	UMV	3-20C		4135	8645
	2.2		9/26/26-10/05/926 H		-		4008	8855
19(	8)							
	5.8		9/27/96-09/30/896 A	SA	1-19		3923	7822
	4.9		9/12/04-09/15/904 A	NA	1- 9		3935	7525
	4.5		9/27/67-09/29/967 H		-		4215	7825
	3.9		11/24/50-11/27/950 H		-		4012	7814
	3.2		9/24/02-09/27/902 A	SA	1- 5		3940	7606
21(	0)							
23(	4)							
	3.7		9/04/39-09/07/939 H		-		3444	11337
	2.6		11/25/05-11/28/905 H		-		3413	11245
	2.1		10/27/46-10/29/946 H		-		3725	11402
	1.7		10/10/47-10/15/947 H		-		3418	11015
25(	2)							
	4.7		10/18/08-10/19/908 A	SW	2-23		3803	10238
	4.5		10/09/30-10/12/930 A	SW	2- 6		3512	10317
27(	16)							
	6.5		11/17/06-11/21/906 A	LMV	1- 4		3439	9028
	5.2		9/12/05-09/19/905 A	UMV	2-18		3858	9245
	5.0		10/25/19-10/28/919 A	LMV	1-13A		3759	9122
	4.8		10/16/05-10/19/905 A	UMV	2- 6		3838	9113
	4.6		9/02/26-09/05/926 A	SW	1-30		3715	9452
29(	8)							
	5.8		9/08/88-09/12/888 A	SA	3- 2		3411	8202
	5.5		10/24/18-10/27/918 A	SA	2-10		3513	8214
	5.4		10/26/18-10/31/918 A	SA	3-14		3502	8312
	4.8		10/17/37-10/20/937 A	SA	5-14		3507	8238
	4.7		9/21/98-09/23/898 A	SA	2- 3		3600	8134
31(	1)							
	2.8		10/03/25-10/06/925 R		-		3317	11652
33(	2)							
	3.6		9/15/19-09/17/919 A	GM	5-15B		3341	10511
	3.2		9/27/41-09/29/941 A	SW	3- 1		3304	10602
35(	8)							
	10.7		9/08/21-09/10/921 A	GM	4-12		3035	9718
	8.8		11/22/40-11/25/940 A	GM	5-13		3008	9608
	7.3		9/25/36-09/28/936 A	GM	5- 8		3201	9708
	5.2		11/16/07-11/20/907 A	LMV	1- 6		3119	9528
	4.1		9/28/03-10/01/903 A	SW	1- 4		3337	9708
37(	7)							
	9.8		9/17/26-09/21/926 A	SA	4-23		3053	8747
	7.2		9/29/29-10/03/929 A	SA	3-23		3038	8543
	6.8		11/19/34-11/21/934 A	LMV	1-18		3138	8819
	6.4		11/06/43-11/08/943 A	GM	5-22		3126	8724
	6.1		10/14/32-10/18/932 A	SA	5-11B		3314	8737
39(	3)							
	8.1		9/14/19-09/15/919 A	GM	5-15A		2821	9807
	8.1		9/10/61-09/13/961 H		-		2858	9557
	7.8		9/19/67-09/24/967 A	SW	3-24		2618	9955

	VALUE	*COMMENT AREA/DUR	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER		LOCATION LAT	LONG
2(	1)							
	1.6		11/17/09-11/20/909 H		-		4513	11541
4(	1)							
	2.4		9/06/41-09/08/941 A	MR	6-23		4525	10755
6(	2)							
	3.0		10/09/49-10/10/949 H		-		4817	9806
	1.8		11/13/44-11/14/944 H		-		4814	9740
8(	0)							
10(	0)							
12(	0)							
14(	1)							
	2.9		9/11/33-09/12/933 R		-		4009	10113
16(	6)							
	6.5		9/11/61-09/13/961 H		-		3941	9203
	5.4		9/30/41-10/07/941 A	UMV	3-20B		4058	9023
	3.8		10/27/00-10/30/900 A	UMV	1- 7A		4348	9115
	3.7		9/10/28-09/14/928 A	MR	3-19		4043	9253
	3.4		9/11/15-09/16/915 A	UMV	1-15		4258	9007
18(	1)							
	8.1		9/10/78-09/13/878 A	OR	9-19		4145	8046
20(	11)							
	7.7		10/07/03-10/11/903 A	GL	4- 9		4055	7410
	6.9		9/16/32-09/17/932 H		-		4122	7150
	5.7		9/17/38-09/22/938 A	NA	2- 2		4140	7240
	5.4		10/04/32-10/06/932 A	NA	1-21		4210	7414
	5.2		9/13/33-09/18/933 H		-		4203	7017
22(	0)							
24(	6)							
	3.8		9/26/04-09/30/904 A	SW	1- 6		3552	10520
	2.9		10/04/11-10/06/911 A	SW	2-30		3753	10739
	2.8		9/03/70-09/07/970 H		-		3738	10904
	1.8		9/20/29-09/23/929 A	SW	2-28		3509	10539
	1.7		9/18/41-09/23/941 R		-		3741	10802
26(	16)							
	6.4		11/15/28-11/17/928 A	MR	3-20		3755	9526
	5.6		10/19/08-10/24/908 A	SW	1-11		3530	9654
	5.5		9/02/40-09/06/940 A	SW	2-18		3615	9636
	5.4		9/30/41-10/07/941 A	UMV	3-20		3430	9705
	4.7		9/25/26-09/30/926 A	SW	2- 2		3517	9535
28(	3)							
	6.3		10/03/10-10/06/910 A	OR	4- 8		3722	8829
	4.2		9/28/98-10/01/898 A	LMV	1- 3A		3653	8935
	3.3		10/30/19-11/01/919 A	LMV	1-13B		3729	8618
30(	13)							
	8.8		9/02/35-09/06/935 A	SA	1-26		3846	7601
	8.5		9/16/28-09/19/928 A	SA	2-15		3417	7952
	8.1		9/13/24-09/17/924 A	SA	3-16		3444	7639
	7.3		9/28/70-10/01/870 H		-		3741	7925
	6.4		10/15/32-10/18/932 A	SA	5-11A		3700	7954
32(	1)							
	4.2		9/03/70-09/07/970 H		-		3349	11056
34(	2)							
	6.7		9/14/36-09/18/936 A	GM	5- 7		3147	10050
	4.2		9/20/41-09/23/941 A	GM	5-19		3210	10444
36(	8)							
	8.6		9/28/15-09/30/915 A	LMV	2-13		3051	9010
	7.1		9/30/37-10/04/937 A	LMV	4-24A		2957	9004
	6.2		9/19/09-09/22/909 A	LMV	3-16		3046	9122
	6.1		9/25/13-09/30/913 A	LMV	3-18		3050	9301
	6.0		9/06/93-09/10/893 A	LMV	3- 2		2947	9130
38(	7)							
	10.6		9/03/50-09/07/950 A	SA	5- 8		2903	8242
	8.1		10/17/41-10/22/941 A	SA	5- 6		2948	8257
	7.6		9/23/29-09/28/929 A	SA	3-20		3156	8156
	6.2		9/16/01-09/19/901 A	SA	2- 5		3204	8413
	4.7		9/26/24-09/30/924 H		-		3047	8334
40(	1)							
	7.2		9/24/94-09/26/894 H		-		2827	8146

FIVE GREATEST OBSERVED 10000 SQUARE MILE- 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS



* AREA IS GREATER THAN 10000 SQUARE MILES AND/OR DURATION IS LESS THAN 48 HOURS. SEE COMMENT COLUMN ON LISTINGS.

STORM IDENTIFICATION OF THE FIVE GREATEST OBSERVED 10000 SQUARE MILE - 48 HOUR FALL RAINFALL IN INCHES FOR FORTY SECTIONS

	VALUE	*COMMENT AREA/DUP	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
1(	4)						
	7.0		11/18/21-11/22/921 H		-	4548	12156
	4.9		10/27/34-10/26/934 H		-	4609	12202
	4.5		11/16/11-11/20/911 H		-	4725	12144
	3.7		11/02/34-11/07/934 H		-	4601	12221
3(	1)						
	3.2		9/03/11-09/06/911 A	MR	5-18	4855	11133
5(	0)						
7(	2)						
	4.6		9/15/42-09/19/942 A	UMV	1-25	4457	9217
	4.3		9/11/03-09/15/903 A	UMV	2- 3	4425	9203
9(	3)						
	7.3		11/02/27-11/04/927 A	NA	1-17	4403	7145
	6.5(	10000- 30)	9/16/32-09/17/932 H		-	4553	6909
	5.7		11/06/63-11/10/963 H		-	4416	7118
11(	1)						
B	2.1(	10000- 30)	10/01/46-10/02/946 R		-	4349	11512
13(	3)						
	5.7		9/27/23-10/01/923 A	MR	4-23	4352	10547
	2.4		9/09/33-09/11/933 R		-	3930	10506
	2.0		10/15/99-10/15/899 R		-	3923	10806
15(	7)						
	6.6		9/16/19-09/19/919 A	MR	2-23	4020	9734
	5.6		9/17/26-09/19/926 A	MR	4-24	4312	9600
	5.2		9/20/02-09/24/902 A	MR	1- 8	3901	9953
	4.8		9/06/09-09/09/909 A	MR	1-28	3904	9537
	4.8(	10000- 36)	10/03/46-10/05/946 H		-	4157	9952
17(	4)						
	5.4(	10000- 24)	10/09/54-10/10/954 H		-	4145	8820
	4.9(	10000- 30)	9/08/26-09/09/926 A	OR	4-22	3930	8811
	3.2		9/26/26-10/05/926 H		-	4008	8855
	3.1		9/30/41-10/07/941 A	UMV	3-20C	4135	8645
19(	8)						
	5.9(	10000- 30)	9/27/96-09/30/896 A	SA	1-19	3923	7822
	5.2		9/22/12-09/25/912 A	SA	1-22A	3941	7721
	4.9		9/12/04-09/15/904 A	NA	1- 9	3935	7525
	4.8		9/24/02-09/27/902 A	SA	1- 5	3940	7606
	4.7(	10000- 36)	9/27/67-09/29/967 H		-	4215	7825
21(	0)						
23(	4)						
	4.6		9/04/39-09/07/939 H		-	3444	11337
	3.6		11/25/05-11/28/905 H		-	3413	11245
	3.5		10/27/46-10/29/946 H		-	3725	11402
	2.4		10/10/47-10/15/947 H		-	3418	11015
25(	2)						
	5.2		10/09/30-10/12/930 A	SW	2- 6	3512	10317
	4.9		10/18/08-10/19/908 A	SW	2-23	3803	10238
27(	16)						
	8.1		10/25/19-10/28/919 A	LMV	1-13A	3759	9122
	7.5		11/17/96-11/21/906 A	LMV	1- 4	3439	9028
	6.7		11/16/21-11/19/921 A	SW	1-24	3515	9144
	6.7		9/22/27-10/02/927 A	MR	3-14	3548	9242
	6.1		11/10/09-11/16/909 A	MR	1-29	3652	9422
29(	8)						
	7.0		9/08/88-09/12/888 A	SA	3- 2	3411	8202
	6.5		10/02/98-10/04/898 A	SA	3- 7	3501	8312
	6.3		10/24/18-10/27/918 A	SA	2-10	3513	8214
	5.8		10/26/18-10/31/918 A	SA	3-14	3502	8312
	5.4		10/17/37-10/20/937 A	SA	5-14	3507	8238
31(	1)						
	3.4		10/03/25-10/06/925 R		-	3317	11652
33(	2)						
	5.5		9/15/19-09/17/919 A	GM	5-15B	3341	10511
	4.3		9/27/41-09/29/941 A	SW	3- 1	3304	10602
35(	8)						
	12.8		11/22/40-11/25/940 A	GM	5-13	3008	9608
	12.2		9/08/21-09/10/921 A	GM	4-12	3035	9718
	8.8		9/25/36-09/28/936 A	GM	5- 8	3201	9708
	5.9		11/18/03-11/20/907 A	LMV	1- 6	3119	9528
	5.6		10/24/04-10/26/904 A	GM	3-11	3245	9748
37(	7)						
	11.5		9/17/26-09/21/926 A	SA	4-23	3053	8747
	9.5		9/26/29-10/03/929 A	SA	3-23	3038	8543
	8.1		11/30/33-12/21/934 A	LMV	1-18	3138	8819
	7.4		10/12/32-10/18/932 A	SA	5-11B	3314	8737
	6.8		9/28/98-10/01/898 A	LMV	1- 3	3025	8713
39(	3)						
	15.2		9/19/67-09/24/967 A	SW	3-24	2618	9955
	11.9		9/21/67-09/24/967 H		-	2858	9557
	8.7(	10000- 42)	9/14/36-09/18/936 A	GM	5-15A	2825	9807

	VALUE	*COMMENT AREA/DUP	STORM DATE & SOURCE		CORPS ASSIGNMENT NUMBER	LOCATION LAT	LONG
2(	1)						
	3.0		11/17/09-11/20/909 H		-	4812	11541
4(	1)						
	2.8(	10000- 42)	9/06/41-09/08/941 A	MR	6-20	4525	10755
6(	2)						
	3.1(	10000- 30)	10/09/49-10/10/949 H		-	4817	9806
	2.0(	10000- 36)	11/13/44-11/14/944 H		-	4814	9740
8(	0)						
10(	0)						
12(	0)						
14(	1)						
	2.9(	10000- 30)	9/11/33-09/12/933 R		-	4009	10113
16(	6)						
	7.1		9/11/61-09/13/961 H		-	3941	9203
	5.6		9/30/41-10/07/941 A	UMV	3-20B	4058	9023
	5.6		9/10/28-09/14/928 A	MR	3-19	4043	9253
	4.0		10/27/00-10/30/900 A	UMV	1- 7A	4348	9115
	3.8		9/11/15-09/16/915 A	UMV	1-15	4258	9007
18(	1)						
	9.7		9/10/78-09/13/878 A	OR	9-19	4145	8046
20(	12)						
	8.7		10/07/03-10/11/903 A	GL	4- 9	4055	7410
	8.6		9/17/38-09/22/938 A	NA	2- 2	4140	7240
	7.5		9/16/32-09/17/932 H		-	4122	7150
	7.4		9/20/82-09/24/882 A	NA	1- 3	4055	7410
	7.3		10/03/69-10/05/869 H		-	4150	7254
22(	0)						
24(	6)						
	5.2		9/26/04-09/30/904 A	SW	1- 6	3552	10520
	3.4		9/03/70-09/07/970 H		-	3738	10904
	3.3		10/04/11-10/06/911 A	SW	2-30	3753	10739
	2.4		9/20/29-09/23/929 A	SW	2-28	3509	10539
	1.8		9/06/27-09/10/927 R		-	3733	10749
26(	16)						
	9.2		10/19/08-10/24/908 A	SW	1-11	3530	9654
	8.3		11/15/28-11/17/928 A	MR	3-20	3755	9526
	6.3		9/25/26-09/30/926 A	SW	2- 2	3517	9535
	5.8		9/02/40-09/06/940 A	SW	2-18	3615	9636
	5.7		10/11/23-10/16/923 A	SW	1-27	3452	9930
28(	3)						
	9.5		10/03/10-10/06/910 A	OR	4- 8	3722	8829
	6.1		9/28/98-10/01/898 A	LMV	1- 3A	3653	8935
	4.3		10/30/19-11/01/919 A	LMV	1-13B	3729	8618
30(	13)						
	11.1		9/02/35-09/06/935 A	SA	1-26	3846	7601
	10.2		9/16/28-09/19/928 A	SA	2-15	3417	7952
	9.6		9/13/24-09/17/924 A	SA	3-16	3444	7639
	8.9		10/11/42-10/17/942 A	SA	1-28A	3831	7826
	8.2		9/28/70-10/01/870 H		-	3741	7925
32(	1)						
	4.7		9/03/70-09/07/970 H		-	3349	11056
34(	2)						
	8.4		9/14/36-09/18/936 A	GM	5- 7	3147	10050
	5.9		9/20/41-09/23/941 A	GM	5-19	3210	10444
36(	9)						
	8.9		9/28/15-09/30/915 A	LMV	2-13	3051	9010
	8.5		9/30/37-10/04/937 A	LMV	4-22A	2957	9004
	8.1		9/25/13-09/30/913 A	LMV	3-18	3050	9301
	7.1		9/06/93-09/10/893 A	LMV	3- 2	2947	9130
	6.6		9/19/09-09/22/909 A	LMV	3-16	3046	9122
38(	7)						
	14.7		9/03/50-09/07/950 A	SA	5- 8	2903	8242
	11.8		9/23/29-09/28/929 A	SA	3-20	3156	8156
	10.7		10/17/41-10/22/941 A	SA	5- 6	2948	8257
	7.7		10/04/24-10/11/924 A	SA	4-20	2907	8055
	7.5		9/16/01-09/19/901 A	SA	2- 5	3204	8413
40(	1)						
	9.9		9/24/94-09/26/894 H		-	2827	8146

INDEX TO MAPS
OF FIVE GREATEST OBSERVED AREAL RAINFALL DEPTHS BY SECTIONS

(Tables Identifying Storms Follow the Listed Page for the map)

INDEX TO MAPS
OF FIVE GREATEST OBSERVED AREAL RAINFALL DEPTHS BY SECTIONS (Cont.)

(Tables Identifying Storms Follow the Listed Page for the map.)

Spring (Mar-May) - Cont.

Summer (June-Aug)

Fall (Sept-Nov)

INDEX TO MAPS
OF FIVE GREATEST OBSERVED AREAL RAINFALL DEPTHS BY SECTIONS (Cont.)

(Tables Identifying Storms Follow the Listed Page for the map)

(Continued from inside front cover)

NWS HYDRO 15 Time Distribution of Precipitation in 4- to 10-Day Storms--Arkansas-Canadian River Basins. Ralph H. Frederick, June 1973. (COM-73-11169)

NWS HYDRO 16 A Dynamic Model of Stage-Discharge Relations Affected by Changing Discharge. D. L. Fread, December 1973. Revised, September 1976.

NWS HYDRO 17 National Weather Service River Forecast System--Snow Accumulation and Ablation Model. Eric A. Anderson, November 1973. (COM-74-10728)

NWS HYDRO 18 Numerical Properties of Implicit Four-Point Finite Difference Equations of Unsteady Flow. D. L. Fread, March 1974.

NWS HYDRO 19 Storm Tide Frequency Analysis for the Coast of Georgia. Francis P. Ho, September 1974. (COM-74-11746/AS)

NWS HYDRO 20 Storm Tide Frequency for the Gulf Coast of Florida From Cape San Blas to St. Petersburg Beach. Francis P. Ho and Robert J. Tracey, April 1975. (COM-75-10901/AS)

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