

RAINFALL AND RUNOFF DATA FOR THE ALBUQUERQUE,
NEW MEXICO, METROPOLITAN AREA, 1984-88

By Kevin D. Metzker, Robert L. Gold, and Richard P. Thomas

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CONVERSION FACTORS AND VERTICAL DATUM

<u>Multiply</u>	<u>By</u>	<u>To obtain</u>
inch (in.)	25.40	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi ²)	2.590	square kilometer
acre	4,047	square meter
acre-foot (acre-ft)	1,233	cubic meter
cubic foot per second (ft ³ /s)	0.02832	cubic meter per second

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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ABSTRACT

Rainfall and runoff data from nine streamflow-gaging stations and associated rain gages in the Albuquerque, New Mexico, metropolitan area are presented. The data include daily rainfall, mean daily discharge, and unit values of rainfall and runoff for selected storms. Unit-value data are tabulated at 5-minute intervals. Maps of the respective watersheds show topography, streets, and drainage features.

INTRODUCTION

The city of Albuquerque is a major metropolitan area in the southwestern United States. The population of the metropolitan area was estimated to be 493,000 as of July 1, 1988 (City of Albuquerque, oral commun., 1989). The city has grown rapidly northward and eastward on the alluvial plain between the Rio Grande and the Sandia Mountains and westward on the plateau west of the Rio Grande (fig. 1).

The geography of the region is semidesert, and the climate is hot and dry. The average rainfall is less than 8 inches per year according to the National Oceanic and Atmospheric Administration (1982). Local flooding occurs where the streets and storm drains are unable to convey the runoff from intense storms.

In the past, runoff data used for design of flood-control structures in Albuquerque and in urban runoff modeling efforts have been transferred and modified from other localities or postulated using existing weather records. Because of the lack of local rainfall-runoff data, the U.S. Geological Survey, in cooperation with the Albuquerque Metropolitan Arroyo Flood Control Authority and the City of Albuquerque, began a rainfall-runoff data-collection program in February 1976. This report presents data collected from 1984 through 1988. An earlier report by Fischer and others (1984) presented data collected from 1976 through 1983.

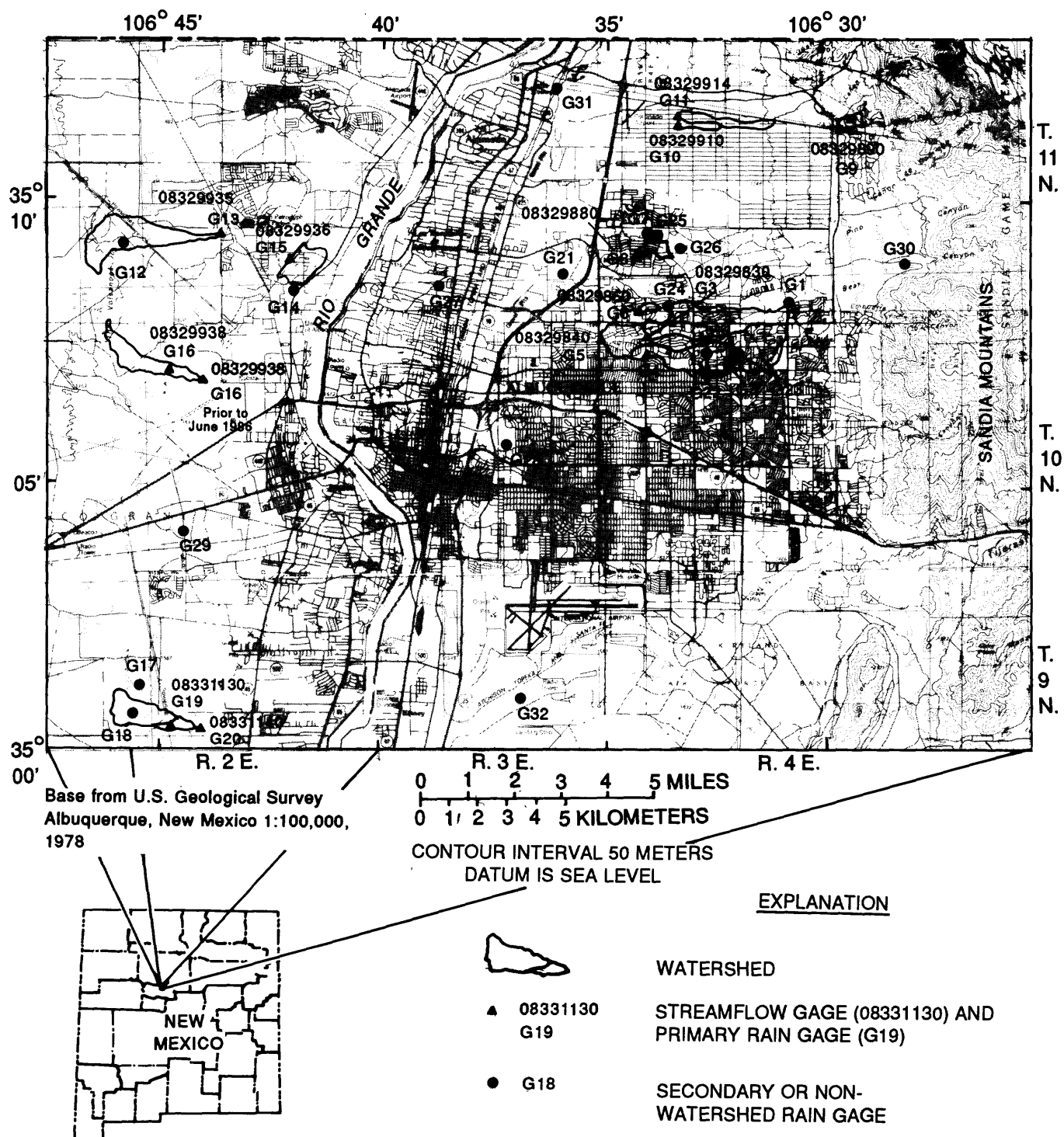


Figure 1.--Location of streamflow-gaging stations and rain gages (modified from Fischer and others, 1984, fig. 1).

Several changes to the monitoring program have been made since the 1984 urban data report (Fischer and others, 1984). The following streamflow-gaging stations and rain gages have been discontinued since the publication of that report:

- South Fork Hahn Arroyo streamflow gage (08329820)
- North Fork Hahn Arroyo streamflow gage (08329830)
- Camino Arroyo Tributary streamflow and rain gages (08329910 and G10)
- North Pajarito Arroyo streamflow and rain gages (08331130 and G19)
- North Pajarito Arroyo streamflow and rain gages (08331140 and G20).

The following rain gages have been added to the monitoring program since the last publication:

- Hahn Arroyo rain gage (G22)
- Hahn Arroyo rain gage (G23)
- Grant Line Arroyo rain gage (G24)
- Academy Acres rain gage (G26)
- Nonwatershed rain gage (G27)
- Nonwatershed rain gage (G30)
- Nonwatershed rain gage (G32).

DESCRIPTION OF MONITORING NETWORK

Streamflow-Gaging Stations

Nine streamflow-gaging stations are in operation on natural and concrete-lined channels in the Albuquerque metropolitan area (fig. 1 and table 1). Four of the stations record runoff, also called discharge, from undeveloped watersheds, four stations record runoff from developed watersheds and one station records runoff from a partially developed rural watershed. The type of watershed monitored by each streamflow-gaging station is noted in table 1. The stations are operated 6 to 8 months each year, generally from mid-April through November when most rainstorms occur.

Each gaging station consists of a water-level sensing device, either a float-gage or a bubble gage, that records water levels on a paper-tape recorder. The data are collected at 5-minute intervals. Stage records, also referred to as water-level records, are used to calculate instantaneous discharge using theoretical stage-discharge relations developed for each gaging-station site. The development of stage-discharge relations is described in the "methods" section of this report.

Table 1.--Streamflow-gaging stations, period of record, drainage area, extent of watershed development, and associated rain gages

[*, not continuous; (P), primary rain gage. D, developed; PD, partially developed; U, undeveloped]

Station number	Station name	Period of record	Drainage area (square miles)	Extent of watershed development	Associated rain gages
08329840	Hahn Arroyo at Albuquerque	6/19/78-present	4.23	D	G5(P), G1, G2, G3, G4, G22, G23
08329860	Grant Line Arroyo at Villa del Oso Drain at Albuquerque	6/21/76-present*	0.052	D	G6(P), G24
08329880	Academy Acres Drain at Albuquerque	6/21/76-present	0.124	D	G8(P), G7, G25, G26
08329890	La Cueva Arroyo Tributary at Tramway Road near Albuquerque	5/26/77-present*	0.090	PD	G9(P)
08329914	North Camino Arroyo Tributary at Albuquerque	6/14/79-present	0.060	U	G11(P)
08329935	Arroyo 19A at Albuquerque	6/17/77-present	1.50	U	G13(P), G12
08329936	Taylor Ranch Drain at Albuquerque	8/18/78-present	0.132	D	G15(P), G14
08329938	Ladera Arroyo at Albuquerque	5/15/81-present	0.780	U	G16(P)
08331130	North Pajarito Arroyo at Albuquerque	5/04/79-5/14/87	0.582	U	G19(P), G18, G20

Rain Gages

Thirty-two rain gages are operated as part of the data-collection network. Nine of the gages, called primary rain gages, are located at the mouth of the watersheds and are paired with the streamflow-gaging stations. Thirteen gages, called secondary rain gages, are located in or adjacent to those watersheds. Primary and secondary rain gages are noted in table 1 and the locations are plotted in figures 1-10. The remaining 10 gages, called nonwatershed rain gages, are located within the Albuquerque metropolitan area. The nonwatershed gages are plotted in figure 1.

Rain gages are equipped with one of two types of rain sensors, either a float sensor or a tipping-bucket sensor. Data collected at float rain gages are recorded on digital paper-tape recorders. These installations are not suitable for winter operation; thus, data are available only from about March to November of each year. Tipping-bucket rain gages equipped with electronic data recorders are operated year-round. However, winter records are poor because a tipping-bucket rain gage is not suitable for measuring snow and ice. Rain gages, associated watersheds (if any), period of record, and the type of rain sensor are listed in table 2.

Methods Used to Define Stage-Discharge Relations

The theoretical methods used to define stage-discharge relations at streamflow-gaging stations operated for this study are the step-backwater method, the culvert method, and formulas developed for standard flumes. Most of the stations use stage-discharge relations determined by step-backwater analysis as described by Bailey and Ray (1966). The remainder of the stations use relations determined by culvert analyses as described by Bodhaine (1968) or relations developed for Parshall flumes using physical characteristics, particularly throat width. Calibration ratings for Parshall flumes are described in Kilpatrick and Schneider (1983). Current-meter measurements and indirect determinations of actual peak discharges by the slope-area method have been used to supplement theoretical procedures in defining stage-discharge relations. Runoff data published in this report represent the best theoretical evaluation of stage-versus-discharge available at this time. As information becomes available to better define the stage-discharge relation, such as future current-meter and indirect measurements, it may be necessary to revise the relations and the resulting runoff data.

Monitoring-Network Identifiers

Each of the streamflow-gaging stations and secondary and nonwatershed rain gages are identified by a unique number of 8 or 15 digits, respectively. Primary rain gages are assigned the same eight-digit number as the paired streamflow-gaging stations. For this report, all rain gages are also assigned a reference number (G1, G2, and so on). All identifiers are cross referenced in table 2.

**Table 2.--Rain gages, associated watersheds, rain sensors,
and period of record**

Rain gage number	Station identification	Watershed	Rain sensor	Period of record
G1	350756106305430	Hahn Arroyo	Tipping bucket	8/24/82-present
G2	350708106321930	Hahn Arroyo	Tipping bucket	8/8/80-8/9/84
G3	08329830	Hahn Arroyo	Float in pipe	5/3/79-present
G4	08329820	Hahn Arroyo	Float in pipe	6/19/78-present
G5	08329840	Hahn Arroyo	Float in pipe	6/19/78-present
G6	08329860	Grant Line Arroyo	Float in pipe	6/21/76-present
G7	350927106340430	Academy Acres Drain	Tipping bucket	3/19/81-8/23/85
G8	08329880	Academy Acres Drain	Float in pipe	6/21/76-present
G9	08329890	La Cueva Arroyo	Float in pipe	5/26/77-present
		Tributary		
G10	08329910	Nonwatershed	Float in pipe	6/14/79-03/24/84
G11	08329914	North Camino Arroyo	Float in pipe	6/14/79-present
		Tributary		
G12	350912106455630	Arroyo 19A	Float in pipe	5/27/81-present
G13	08329935	Arroyo 19A	Float in pipe	6/17/77-present
G14	350843106415830	Taylor Ranch Drain	Tipping bucket	8/22/80-12/4/84
G15	08329936	Taylor Ranch Drain	Float in pipe	8/18/78-present
G16	08329938	Ladera Arroyo	Float in pipe	5/15/81-present
G17	350102106454428	Nonwatershed	Tipping bucket	7/9/79-11/30/83
G18	350038106455330	North Pajarito Arroyo	Float in pipe	5/9/79-present
G19	08331130	North Pajarito Arroyo	Float in pipe	5/4/79-5/14/87
G20	08331140	North Pajarito Arroyo	Float in pipe	5/9/79-11/30/83
G21	350718106371628	Nonwatershed	Float in pipe	8/9/80-8/15/86
G22	350722106325030	Hahn Arroyo	Tipping bucket	4/4/84-present
G23	350713106314230	Hahn Arroyo	Tipping bucket	8/9/84-present
G24	350804106335230	Grant Line Arroyo	Tipping bucket	5/1/84-present
G25	350922106342430	Academy Acres Drain	Tipping bucket	3/5/84-4/23/85
G26	350909106332330	Academy Acres Drain	Tipping bucket	5/7/85-7/31/86
G27	350859106384130	Nonwatershed	Tipping bucket	5/9/85-9/9/87
G28	08329700	Nonwatershed	Tipping bucket	7/21/82-present
G29	350357106443030	Nonwatershed	Tipping bucket	8/24/82-present
G30	350859106274330	Nonwatershed	Tipping bucket	7/18/84-present
G31	08329900	Nonwatershed	Tipping bucket	3/22/82-11/30/84
G32	08330580	Nonwatershed	Tipping bucket	10/23/87-present

DATA PRESENTATION

Station Descriptions

Station descriptions are provided for each streamflow-gaging station. The descriptions include location information, watershed drainage area, period of record, stage-gage equipment, associated rain gages, and the maximum and minimum discharge for the period of record and for each calendar year from 1984 through 1988. Also included is a remarks statement that provides information on the accuracy of the record, basin development, and related details concerning each station.

Tables

Daily total rainfall, rainfall and runoff data for selected storms, and mean daily discharge are listed in tables 3-40. The tables of daily rainfall and associated mean daily discharge are grouped by watershed, and are presented by calendar year for 1984 through 1988. Streamflow-gaging stations in developed areas record numerous minor flows that are not rainfall related, but are caused by such activities as city-well release, runoff from lawn watering, car washing, and so on. These "nuisance" discharges are not included in the daily discharge data.

Rainfall and runoff data are provided for selected storms for 1984 through 1988. Various criteria were used for selecting storms. In some cases rainfall of 0.50 inch or more was used as a standard. In other cases, peak discharges considered to be substantial for the basin under consideration were selected. Data collected for all storms recorded at a station are available in U.S. Geological Survey files. Unit values of rainfall and runoff are reported in 5-minute intervals. The unit values for runoff are instantaneous values. Secondary rain-gage data are listed in the unit value tables alongside each primary gage.

Table 41 contains daily rainfall data from gages not associated with a monitored watershed. These data are useful for characterizing areal distribution of rainfall in the study area.

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- Kilpatrick, F.A., and Schneider, V.R., 1983, Use of flumes in measuring discharge: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A14, 46 p.
- National Oceanic and Atmospheric Administration, 1982, Climatological data annual summary, New Mexico, 1982: v. 86, no. 13, 29 p.

STATION DESCRIPTION
08329840 HAHN ARROYO AT ALBUQUERQUE

LOCATION.--Lat 35°07'31", long 106°35'10", in SE 1/4 NE 1/4 sec. 2, T. 10 N., R. 3 E., Bernalillo County, Hydrologic Unit 13020203, near center of concrete-lined channel on downstream side of San Mateo Boulevard Bridge, 750 ft north of Comanche Road, and 2,050 ft south of Montgomery Boulevard, in Albuquerque.

DRAINAGE AREA.--4.23 mi² (2,707 acres).

PERIOD OF RECORD.--June 1978 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,190 ft, from topographic orthophoto map.

RAIN GAGES.--The primary recording rain gage (G5) is a digital paper-tape recorder at the station. Six secondary rain gages (G1, G2, G3, G4, G22, and G23) are or have been operated within the watershed. Figures 1 and 2 show locations. Table 2 lists periods of record.

REMARKS.--Records good. Development within basin is predominantly residential, but there are some commercial areas. Most low flows in channel are nuisance flows (not rainfall related).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,080 ft³/s Aug. 14, 1980, gage height 2.54 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 680 ft³/s, July 24, 1987; no flow most of the time.

Calendar year 1984:	Maximum discharge, 37 ft ³ /s Mar. 26, gage height 1.19 ft; no flow most of the time.
Calendar year 1985:	Maximum discharge, 615 ft ³ /s Sept. 16, gage height 2.09 ft; no flow most of the time.
Calendar year 1986:	Maximum discharge, 543 ft ³ /s June 27, gage height 2.01 ft; no flow most of the time.
Calendar year 1987:	Maximum discharge, 680 ft ³ /s July 24, gage height 2.16 ft; no flow most of the time.
Calendar year 1988:	Maximum discharge, 561 ft ³ /s Sept. 13, gage height 2.03 ft; no flow most of the time.

Table 3.—Daily rainfall, in inches, at Hahn Arroyo primary gage G5 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.32	0.00	0.05	0.00	0.08	0.01	0.02
2	—	—	—	.00	.00	.02	.00	.14	.00	.13	.00	.00
3	—	—	—	.00	.00	.00	.35	.00	.00	.61	.00	.01
4	—	—	—	.00	.00	.00	.00	.13	.00	.06	.00	.10
5	—	—	—	.00	.00	.07	.00	.00	.00	.00	.01	.00
6	—	—	—	.00	.00	.00	.00	.28	.00	.00	.01	—
7	—	—	—	.00	.00	.00	.00	.50	.00	.01	.01	—
8	—	—	—	.00	.00	.00	.00	.01	.00	.01	.01	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.01	.00	—
10	—	—	—	.00	.00	.00	.03	.00	.00	.01	.00	—
11	—	—	—	.00	.00	.00	.02	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	.00	.00	.00	.04	.00	—
13	—	—	—	.00	.00	.00	.00	.01	.00	.04	.01	—
14	—	—	—	.00	.00	.00	.00	.00	.36	.00	.00	—
15	—	—	—	.00	.00	.00	.00	.04	.04	1.18	.01	—
16	—	—	—	.00	.00	.01	.23	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	.06	.00	.00	.00	.39	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.01	.07	—
19	—	—	—	.00	.00	.62	.00	.01	.00	.08	.00	—
20	—	—	—	.03	.00	.01	.00	.04	.00	.20	.00	—
21	—	—	—	.01	.00	.00	.02	.01	.00	.08	.00	—
22	—	—	—	.00	.00	.00	.00	1.02	.00	.05	.00	—
23	—	—	0.00	.00	.21	.00	.00	.27	.02	.01	.01	—
24	—	—	.00	.00	.03	.00	.00	.01	.00	.19	.15	—
25	—	—	.00	.00	.00	.00	.00	.00	.20	.01	.04	—
26	—	—	.46	.06	.00	.01	.00	.23	.75	.10	.00	—
27	—	—	.22	.00	.00	.00	.00	.00	.00	.01	.03	—
28	—	—	.01	.08	.00	.00	.00	.00	.00	.00	.03	—
29	—	—	.01	.09	.00	.00	.00	.00	.00	.01	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.01	.01	—
31	—	—	.00	—	.00	—	.00	.00	—	.01	—	—
Total	—	—	—	0.27	0.24	1.06	0.71	2.75	1.37	2.95	0.80	—

Table 3.—Daily rainfall, in inches, at Hahn Arroyo primary gage G5 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.23	0.00	0.00	0.06	0.00	0.00	0.02	0.00
2	—	—	—	.00	.00	.00	.03	.20	.01	.00	.00	.00
3	—	—	—	.00	.00	.00	.00	.00	.10	.00	.00	.00
4	—	—	—	.00	.06	.00	.00	.00	.00	.00	.00	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
6	—	—	0.00	.00	.00	.00	.00	.00	.00	.00	.00	—
7	—	—	.00	.00	.00	.00	.00	.05	.00	.09	.00	—
8	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	.00	.00	.01	.02	.00	.00	.00	.16	.00	—
10	—	—	.00	.00	.00	.00	.00	.53	.00	.83	.00	—
11	—	—	.01	.00	.00	.00	.00	.10	.00	.07	.00	—
12	—	—	.62	.00	.13	.00	.00	.00	.00	.00	.00	—
13	—	—	.00	.00	.00	.00	.00	.00	.00	.01	.00	—
14	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.01	—
15	—	—	.01	.00	.00	.00	.04	.00	.14	.00	.00	—
16	—	—	.00	.00	.00	.00	.02	.00	.36	.47	.00	—
17	—	—	.00	.00	.01	.00	.00	.00	.08	.20	.00	—
18	—	—	.00	.15	.05	.00	.00	.00	.34	.00	.00	—
19	—	—	.11	.00	.00	.00	.12	.00	.14	.00	.00	—
20	—	—	.00	.00	.01	.06	.00	.07	.72	.00	.00	—
21	—	—	.00	.01	.13	.00	.00	.00	.01	.00	.00	—
22	—	—	.00	.33	.00	.00	.00	.00	.00	.00	.00	—
23	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
24	—	—	.00	.00	.00	.29	.00	.00	.00	.00	.00	—
25	—	—	.00	.02	.00	.00	.00	.00	.00	.00	.00	—
26	—	—	.00	.09	.01	.00	.00	.00	.00	.00	.02	—
27	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
28	—	—	.00	1.19	.00	.00	.04	.06	.03	.00	.00	—
29	—	—	.01	.08	.00	.00	.16	.00	.03	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.03	—
31	—	—	.00	—	.00	—	.00	.00	—	.05	—	—
Total	—	—	—	1.87	0.64	0.37	0.41	1.07	1.96	1.88	0.08	—

Table 3.—Daily rainfall, in inches, at Hahn Arroyo primary gage G5 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.21	0.00	0.00	0.07	0.03	0.00	0.00	—	—
2	—	—	—	.02	.00	.00	.00	.00	.00	.00	—	—
3	—	—	—	.00	.20	.01	.00	.01	.00	.10	—	—
4	—	—	0.00	.01	.01	.01	.14	.01	.00	.00	—	—
5	—	—	.00	.00	.00	.00	.00	.00	.00	.40	—	—
6	—	—	.00	.00	.00	.00	.00	.00	.00	.14	—	—
7	—	—	.00	.00	.00	.00	.37	.03	.00	.00	—	—
8	—	—	.00	.00	.00	.00	.10	.01	.00	.00	—	—
9	—	—	.00	.00	.00	.00	.14	.00	.01	.13	—	—
10	—	—	.01	.00	.00	.00	.00	.50	.01	.45	—	—
11	—	—	.04	.00	.00	.00	.00	.00	.00	.15	—	—
12	—	—	.01	.00	.00	.00	.00	.00	.00	.04	—	—
13	—	—	.00	.00	.00	.00	.00	.11	.17	.00	—	—
14	—	—	.00	.00	.00	.00	.00	.00	.01	.00	—	—
15	—	—	.01	.00	.00	.00	.00	.00	.00	.00	—	—
16	—	—	.00	.00	.42	.00	.24	.00	.08	—	—	—
17	—	—	.01	.00	.32	.58	.00	.00	.00	—	—	—
18	—	—	.00	.00	.00	.04	.00	.00	.00	—	—	—
19	—	—	.00	.00	.00	.00	.11	.00	.00	—	—	—
20	—	—	.00	.00	.00	.00	.05	.00	.00	—	—	—
21	—	—	.00	.00	.00	.00	.01	.07	.00	—	—	—
22	—	—	.00	.00	.00	.00	.25	.00	.00	—	—	—
23	—	—	.00	.00	.00	.00	.02	.24	.05	—	—	—
24	—	—	.00	.06	.00	.26	.00	.00	.17	—	—	—
25	—	—	.00	.12	.00	.19	.00	.64	.00	—	—	—
26	—	—	.00	.00	.00	.02	.03	.02	.00	—	—	—
27	—	—	.00	.00	.00	.62	.00	.00	.00	—	—	—
28	—	—	.00	.00	.01	.01	.00	.00	.00	—	—	—
29	—	—	.00	.00	.06	.01	.00	.00	.00	—	—	—
30	—	—	.00	.00	.04	.22	.00	.00	.00	—	—	—
31	—	—	.00	—	.01	—	.00	.00	—	—	—	—
Total	—	—	—	0.42	1.07	1.97	1.53	1.67	0.50	—	—	—

Table 3.—Daily rainfall, in inches, at Hahn Arroyo primary gage G5 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.01	0.00	0.00	0.00	0.01	—	0.22	0.00
2	—	—	—	.00	.00	.00	.00	.02	.02	—	.02	.00
3	—	—	—	.01	.00	.00	.00	.01	.01	—	.01	.00
4	—	—	0.00	.36	.00	.00	.00	.24	.00	—	.00	.00
5	—	—	.00	.02	.00	.00	.00	.01	.00	—	.04	.00
6	—	—	.00	.00	.01	.00	.00	.20	.00	—	.01	.00
7	—	—	.00	.00	.00	.02	.00	.01	.00	—	.00	.00
8	—	—	.00	.00	.00	.09	.00	.00	.00	—	.00	—
9	—	—	.00	.00	.00	.00	.00	.00	.00	—	.00	—
10	—	—	.00	.00	.00	.00	.00	.39	.00	—	.00	—
11	—	—	.00	.00	.00	.00	.00	.35	.00	—	.00	—
12	—	—	.00	.25	.00	.00	.00	.01	.00	—	.00	—
13	—	—	.00	.00	.03	.00	.00	.00	.00	—	.00	—
14	—	—	.00	.01	.18	.00	.00	.01	—	—	.00	—
15	—	—	.00	.00	.03	.00	.00	.00	—	—	.06	—
16	—	—	.00	.00	.26	.00	.01	.01	—	0.01	.01	—
17	—	—	.00	.00	.00	.00	.01	.00	—	.01	.00	—
18	—	—	.00	.00	.09	.00	.00	.00	—	.00	.00	—
19	—	—	.00	.00	.00	.00	.00	.00	—	.01	.00	—
20	—	—	.00	.00	.00	.00	.00	.00	—	.00	.00	—
21	—	—	.00	.00	.03	.00	.00	.31	—	.00	.00	—
22	—	—	.00	.00	.01	.00	.01	.22	—	.00	.00	—
23	—	—	.00	.00	.01	.00	.00	.01	—	.01	.00	—
24	—	—	.00	.00	.04	.00	.84	.24	—	.02	.00	—
25	—	—	.00	.00	.00	.00	.00	.35	—	.01	.00	—
26	—	—	.00	.00	.00	.00	.00	.68	—	.01	.00	—
27	—	—	.00	.00	.00	.00	.00	.35	—	.01	.00	—
28	—	—	.00	.00	.00	.00	.05	.02	—	.01	.00	—
29	—	—	.00	.00	.00	.00	.00	.01	—	.00	.00	—
30	—	—	.00	.01	.00	.00	.00	.01	—	.28	.00	—
31	—	—	.00	—	.01	—	.00	.01	—	.08	—	—
Total	—	—	—	0.66	0.71	0.11	0.92	3.47	—	—	0.37	—

Table 3.—Daily rainfall, in inches, at Hahn Arroyo primary gage G5 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.17	0.00	0.01	0.01	0.01	0.21	0.00	0.01	0.00
2	—	—	—	.28	.00	.01	.12	.01	.02	.00	.00	.00
3	—	—	—	.01	.00	.00	.01	.01	.00	.00	.00	.00
4	—	—	—	.00	.00	.05	.01	.01	.00	.00	.00	.00
5	—	—	—	.00	.00	.02	.24	.00	.00	.00	.00	.08
6	—	—	—	.00	.00	.01	.00	.00	.00	.14	.00	—
7	—	—	—	.00	.00	.00	.00	.00	.00	.11	.01	—
8	—	—	—	.00	.00	.00	.48	.01	.00	.00	.00	—
9	—	—	0.00	.00	.00	.00	.76	.41	.00	.00	.00	—
10	—	—	.00	.00	.01	.22	.01	.01	.00	.00	.00	—
11	—	—	.00	.00	.00	.30	.00	.00	.15	.00	.00	—
12	—	—	.00	.00	.00	.01	.01	.00	.23	.00	.00	—
13	—	—	.00	.00	.00	.00	.01	.00	.55	.00	.00	—
14	—	—	.03	.16	.00	.00	.00	.00	.00	.00	.01	—
15	—	—	.00	.01	.01	.01	.00	.06	.00	.00	.00	—
16	—	—	.00	.45	.02	.20	.00	.02	.00	.00	.02	—
17	—	—	.00	.00	.01	.01	.24	.12	.00	.00	.01	—
18	—	—	.02	.00	.08	.00	.07	.16	.00	.00	.00	—
19	—	—	.00	.00	.03	.00	.04	.03	.00	.00	.00	—
20	—	—	.00	.00	.24	.00	.00	.01	.04	.00	.01	—
21	—	—	.00	.00	.01	.00	.00	.00	.46	.00	.01	—
22	—	—	.00	.00	.00	.00	.00	.00	.42	.00	.01	—
23	—	—	.00	.00	.01	.00	.00	.00	.00	.00	.01	—
24	—	—	.00	.02	.00	.00	.00	.15	.01	.00	.00	—
25	—	—	.00	.00	.01	.04	.01	.11	.00	.00	.00	—
26	—	—	.00	.00	.01	.12	.01	.00	.00	.00	.02	—
27	—	—	.00	.00	.00	.08	.02	.13	.00	.00	.00	—
28	—	—	.00	.00	.00	.01	.34	.09	.00	.00	.00	—
29	—	—	.00	.01	.00	.00	.02	.09	.00	.00	.00	—
30	—	—	.00	.00	.00	.17	.00	.03	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.01	—	.00	—	—
Total	—	—	—	1.11	0.44	1.27	2.41	1.48	2.09	0.25	0.12	—

Table 4.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G4 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.13	0.00	0.07	0.00	0.01	0.00	0.00
2	—	—	—	.00	.00	.08	.00	—	.00	.10	.00	.00
3	—	—	—	.00	.00	.01	.40	—	.00	.44	.00	.00
4	—	—	—	.00	.00	.00	.00	—	.00	.02	.00	.10
5	—	—	—	.00	.00	.06	.00	—	.00	.00	.00	.00
6	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	—
7	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	—
8	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	—
9	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	—
10	—	—	—	.00	.00	.00	.02	.00	.00	.00	.00	—
11	—	—	—	.00	.00	.00	.25	.00	.02	.00	.00	—
12	—	—	—	.00	.00	.00	.00	.00	.01	.17	.00	—
13	—	—	—	.00	.00	.00	.00	.00	.00	.06	.00	—
14	—	—	—	.00	.00	.00	.00	.00	.65	.00	.00	—
15	—	—	—	.00	.00	.00	.00	.00	.05	1.26	.00	—
16	—	—	—	.00	.00	.00	.23	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	.02	.00	.01	.00	.43	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.00	.06	—
19	—	—	—	.00	.00	.46	.00	.00	.00	.07	.00	—
20	—	—	—	.03	.00	.01	.00	.02	.00	.25	.00	—
21	—	—	—	.01	.00	.00	.08	.01	.00	.10	.00	—
22	—	—	—	.00	.00	.00	.01	.86	.00	.06	.00	—
23	—	—	0.00	.00	.28	.00	.00	.42	.00	.02	.01	—
24	—	—	.00	.00	.02	.08	.00	.01	.00	.22	.19	—
25	—	—	.00	.00	.00	.01	.00	.00	.29	.00	.03	—
26	—	—	.41	.22	.00	.01	.00	.19	.83	.15	.02	—
27	—	—	.20	.01	.00	.00	.00	.00	.00	.00	.05	—
28	—	—	.00	.10	.00	.00	.00	.00	.00	.00	.06	—
29	—	—	.00	.09	.00	.00	.00	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.22	.00	—	.00	—	—
Total	—	—	—	0.46	0.30	0.85	1.23	—	1.86	2.93	0.85	—

Table 4.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G4 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.25	0.00	0.00	0.25	0.00	0.00	0.03	0.00
2	—	—	—	.00	.01	.00	.06	.23	.05	.00	.00	.00
3	—	—	—	.00	.00	.00	.00	.04	.13	.00	.00	.00
4	—	—	—	.00	.06	.03	.00	.00	.00	.00	.00	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
6	—	—	0.00	.00	.00	.00	.00	.00	.00	.00	.00	—
7	—	—	.00	.00	.00	.00	.00	.02	.00	.12	.00	—
8	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	.00	.00	.01	.02	.00	.00	.00	.29	.00	—
10	—	—	.00	.00	.00	.00	.00	.55	.01	.91	.00	—
11	—	—	.03	.00	.00	.00	.00	.02	.02	.09	.00	—
12	—	—	.79	.00	.21	.00	.00	.00	.00	.00	.00	—
13	—	—	.00	.00	.00	.00	.00	.00	.00	.07	.00	—
14	—	—	.00	.00	.00	.00	.00	.00	.02	.00	.03	—
15	—	—	.01	.00	.00	.00	.06	.00	.21	.00	.00	—
16	—	—	.00	.00	.00	.00	.01	.00	.62	.49	.00	—
17	—	—	.00	.00	.05	.00	.00	.00	.01	.25	.00	—
18	—	—	.00	.26	.06	.02	.00	.00	.34	.00	.00	—
19	—	—	.15	.00	.00	.00	.08	.00	.24	.00	.00	—
20	—	—	.00	.00	.02	.03	.02	.18	.37	.00	.00	—
21	—	—	.00	.07	.23	.00	.00	.00	.02	.00	.00	—
22	—	—	.00	.35	.00	.00	.00	.00	.01	.00	.00	—
23	—	—	.00	.00	.00	.00	.06	.00	.00	.00	.00	—
24	—	—	.00	.00	.00	.48	.00	.00	.00	.00	.00	—
25	—	—	.00	.03	.00	.00	.00	.00	.00	.00	.00	—
26	—	—	.00	.12	.01	.00	.00	.00	.00	.00	.02	—
27	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
28	—	—	.00	1.31	.00	.00	.05	.04	.04	.00	.00	—
29	—	—	.05	.04	.00	.00	.21	.00	.03	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.04	—
31	—	—	.00	—	.01	—	.00	.00	—	.10	—	—
Total	—	—	—	2.18	0.92	0.58	0.55	1.33	2.12	2.32	0.12	—

Table 4.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G4 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.31	0.00	0.00	0.05	0.00	0.00	0.00	0.00	—
2	—	—	—	.01	.03	.00	.00	.00	.00	.00	.66	—
3	—	—	0.00	.00	.30	.03	.00	.01	.00	.15	.25	—
4	—	—	.00	.00	.01	.00	.34	.00	.02	.00	.27	—
5	—	—	.00	.00	.00	.00	.00	.00	.00	.45	.01	—
6	—	—	.00	.00	.00	.00	.00	.00	.00	.15	.00	—
7	—	—	.00	.00	.00	.00	.39	.00	.00	.00	.09	—
8	—	—	.00	.00	.00	.00	.08	.00	.00	.00	.00	—
9	—	—	.00	.00	.00	.00	.17	.00	.01	.21	.06	—
10	—	—	.04	.00	.00	.00	.00	.36	.01	.54	.02	—
11	—	—	.09	.00	.00	.00	.00	.00	.00	.18	.00	—
12	—	—	.01	.00	.00	.00	.00	.00	.00	.06	.00	—
13	—	—	.01	.00	.00	.00	.03	.09	.25	.00	.16	—
14	—	—	.01	.00	.00	.00	.00	.00	.00	.00	.00	—
15	—	—	.00	.00	.00	.00	.01	.00	.00	.00	.00	—
16	—	—	.00	.00	.46	.00	.36	.00	.03	.00	.00	—
17	—	—	.03	.00	.42	.66	.01	.00	.00	.00	.00	—
18	—	—	.04	.00	.00	.04	.05	.00	.00	.00	.00	—
19	—	—	.00	.00	.00	.20	.09	.00	.00	.00	—	—
20	—	—	.00	.00	.00	.00	.16	.00	.00	.05	—	—
21	—	—	.00	.00	.00	.00	.01	.13	.00	.00	—	—
22	—	—	.00	.00	.00	.00	.46	.00	.00	.00	—	—
23	—	—	.00	.01	.00	.00	.02	.49	.10	.00	—	—
24	—	—	.00	.08	.00	.45	.00	.00	.32	.00	—	—
25	—	—	.00	.12	.00	.28	.00	.49	.00	.00	—	—
26	—	—	.00	.00	.00	.05	.04	.01	.00	.00	—	—
27	—	—	.00	.00	.00	1.17	.00	.00	.00	.00	—	—
28	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—	—
29	—	—	.00	.00	.09	.05	.00	.00	.00	.00	—	—
30	—	—	.02	.00	.08	.22	.00	.00	.00	.00	—	—
31	—	—	.00	—	.02	—	.00	.00	—	.00	—	—
Total	—	—	—	0.53	1.41	3.15	2.27	1.58	0.74	1.79	—	—

Table 4.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G4 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	—	0.00	0.00	0.01	0.00	0.24	0.00
2	—	—	—	.00	.00	—	.00	.08	.00	.00	.01	.00
3	—	—	—	.00	.00	—	.00	.01	.01	.00	.00	.00
4	—	—	0.00	.59	.00	—	.00	.06	.00	.00	.00	.00
5	—	—	.00	.05	.01	—	.00	.00	.00	.00	.01	.00
6	—	—	.00	.00	.00	—	.00	.03	.00	.00	.01	.01
7	—	—	.00	.00	.00	—	.00	.01	.00	.00	.00	.00
8	—	—	.00	.00	.00	—	.00	.00	.00	.00	.00	—
9	—	—	.00	.00	.00	—	.00	.00	.02	.00	.00	—
10	—	—	.00	.00	.00	—	.00	.75	.01	.00	.00	—
11	—	—	.00	.00	.00	0.00	.00	.33	.00	.00	.00	—
12	—	—	.00	.28	.00	.00	.00	.01	.00	.00	.00	—
13	—	—	.00	.00	.00	.02	.00	.00	.00	.00	.00	—
14	—	—	.00	.00	.27	.00	.00	.00	.02	.15	.00	—
15	—	—	.00	.00	.02	.00	.00	.00	.00	.00	.15	—
16	—	—	.00	.01	.36	.00	.02	.00	.00	.00	.01	—
17	—	—	.00	.00	.00	.00	.01	.00	.00	.00	.00	—
18	—	—	.00	.02	.00	.00	.00	.00	.00	.00	.00	—
19	—	—	.00	.00	—	.00	.00	.00	.00	.00	.00	—
20	—	—	.00	.00	—	.00	.11	.00	.00	.00	.00	—
21	—	—	.00	.00	—	.00	.18	.38	.00	.00	.00	—
22	—	—	.00	.00	—	.00	.00	.31	.00	.00	.00	—
23	—	—	.00	.00	—	.00	.00	.04	.00	.02	.00	—
24	—	—	.00	.00	—	.00	.59	.43	.00	.00	.01	—
25	—	—	.00	.00	—	.00	.00	.30	.03	.00	.00	—
26	—	—	.00	.00	—	.03	.00	.42	.00	.00	.00	—
27	—	—	.00	.00	—	.00	.02	.17	.00	.00	.00	—
28	—	—	.00	.00	—	.00	.04	.01	.02	.00	.00	—
29	—	—	.00	.00	—	.00	.00	.00	.00	.00	.00	—
30	—	—	.00	.01	—	.00	.01	.00	.00	.30	.00	—
31	—	—	.00	—	—	—	.00	.01	—	.07	—	—
Total	—	—	—	0.96	—	—	0.98	3.35	0.12	0.54	0.44	—

Table 4.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G4 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.17	0.00	0.00	—	0.01	0.10	0.00	0.00	0.00
2	—	—	—	.28	.00	.00	—	.01	.02	.00	.00	.00
3	—	—	—	.01	.00	.00	—	.01	.00	.00	.00	.00
4	—	—	—	.00	.00	.00	—	.01	.00	.00	.00	.00
5	—	—	—	.00	.00	.00	—	.01	.01	.05	.00	.00
6	—	—	—	.00	.00	.00	—	.00	.01	.17	.00	—
7	—	—	—	.00	.00	.00	—	.00	.00	.11	.00	—
8	—	—	—	.00	.00	—	0.66	.01	.00	.00	.00	—
9	—	—	0.00	.00	.00	—	1.30	.29	.00	.00	.00	—
10	—	—	.00	.00	.00	—	.03	.00	.00	.00	.00	—
11	—	—	.00	.00	.00	—	.00	.00	.00	.01	.00	—
12	—	—	.00	.00	.00	—	.01	.00	.00	.00	.00	—
13	—	—	.00	.00	.00	—	.01	.00	.00	.00	.00	—
14	—	—	.03	.40	.00	—	.00	.00	.00	.01	.00	—
15	—	—	.00	.02	.00	—	.00	.16	.00	.01	.00	—
16	—	—	.00	.00	.00	—	.01	.03	.00	.01	.05	—
17	—	—	.00	.00	.00	—	.32	.18	.00	.01	.05	—
18	—	—	.02	.00	.24	—	.02	.10	.00	.01	.00	—
19	—	—	.00	.00	.00	—	.08	.00	.00	.00	.05	—
20	—	—	.00	.00	.00	—	.01	.01	.00	.00	.00	—
21	—	—	.00	.00	.00	—	.00	.00	.00	.01	.00	—
22	—	—	.00	.00	.00	—	.00	.00	.00	.01	.08	—
23	—	—	.00	.00	.00	—	.00	.00	.00	.01	.00	—
24	—	—	.00	.00	.00	—	.00	.33	.00	.01	.00	—
25	—	—	.00	.01	.00	—	.01	.05	.00	.01	.00	—
26	—	—	.00	.00	.01	—	.01	.02	.00	.01	.04	—
27	—	—	.00	.00	.00	—	.05	.18	.00	.00	.02	—
28	—	—	.00	.01	.00	—	.41	.24	.00	.01	.00	—
29	—	—	.00	.01	.00	—	.08	.04	.00	.00	.00	—
30	—	—	.00	.00	.00	—	.02	.02	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.02	—	.00	—	—
Total	—	—	—	0.91	0.25	—	—	1.73	0.14	0.46	0.29	—

Table 5.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G2 for calendar year 1984

[—, no data]

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.14	—	—	—	—
2	.00	.00	.00	.00	.00	.05	.00	.25	—	—	—	—
3	.00	.00	.00	.00	.00	.01	.30	.06	—	—	—	—
4	.00	.00	.00	.00	.00	.00	.00	.08	—	—	—	—
5	.00	.00	.00	.00	.00	.08	.00	.01	—	—	—	—
6	.00	.00	.00	.00	.00	.00	.00	.23	—	—	—	—
7	.00	.00	.00	.01	.00	.00	.00	.54	—	—	—	—
8	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—	—
9	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—	—
10	.00	.00	.00	.00	.00	.00	.01	—	—	—	—	—
11	.00	.00	.00	.00	.00	.00	.48	—	—	—	—	—
12	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
13	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
14	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
15	.12	.00	.00	.00	.00	.00	.00	—	—	—	—	—
16	.00	.00	.00	.00	.00	.00	.05	—	—	—	—	—
17	.04	.00	.00	.00	.00	.00	.00	—	—	—	—	—
18	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
19	.00	.00	.00	.00	.00	.49	.09	—	—	—	—	—
20	.00	.00	.00	.05	.00	.00	.00	—	—	—	—	—
21	.00	.00	.00	.00	.00	.00	.33	—	—	—	—	—
22	.00	.00	.06	.00	.00	.00	.00	—	—	—	—	—
23	.00	.00	.00	.00	.34	.00	.00	—	—	—	—	—
24	.00	.00	.00	.00	.00	.43	.02	—	—	—	—	—
25	.00	.00	.00	.00	.00	.02	.00	—	—	—	—	—
26	.00	.00	.40	.00	.00	.02	.00	—	—	—	—	—
27	.00	.00	.22	.00	.00	.00	.03	—	—	—	—	—
28	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	—
29	.00	.00	.00	.17	.00	.00	.00	—	—	—	—	—
30	.00	—	.00	.00	.00	.00	.00	—	—	—	—	—
31	.00	—	.00	—	.00	—	.05	—	—	—	—	—
Total	0.16	0.00	0.68	0.23	0.34	1.16	1.36	—	—	—	—	—

Table 6.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G1 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	—	—	0.00	0.00	0.60	0.00	0.05	0.00	—	—	0.01
2	.00	—	—	.01	.00	.11	.00	.34	.00	—	—	.00
3	.00	—	—	.00	.00	.01	.17	.05	.00	—	—	.00
4	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
5	.00	—	—	.00	.00	.10	.00	.00	—	—	—	.00
6	.00	—	—	.00	.00	.00	.00	.45	—	—	—	.00
7	.00	—	—	.04	.00	.00	.00	.43	—	—	—	.00
8	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
9	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
10	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
11	.00	—	—	.00	.00	.00	.92	.00	—	—	—	.00
12	.00	—	—	.00	.00	.00	.00	.01	—	—	—	.00
13	.00	—	—	.00	.00	.00	.15	.00	—	—	—	.00
14	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
15	.22	—	—	.00	.00	.00	.00	.11	—	—	—	.00
16	.00	—	—	.00	.00	.00	.04	.00	—	—	—	.00
17	.12	—	—	.00	.00	.00	.02	.00	—	—	—	.00
18	.00	—	—	.00	.00	.00	.06	.00	—	—	—	.00
19	.00	—	—	.00	.00	.48	.02	.00	—	—	—	.00
20	.00	—	—	.07	.00	.00	.00	.05	—	—	—	.00
21	.00	—	—	.00	.00	.00	.00	.00	—	—	—	.00
22	.00	—	—	.00	.00	.00	.16	.95	—	—	—	.00
23	.00	—	—	.00	.31	.00	.00	.46	—	—	—	.00
24	.00	—	—	.00	.00	.13	.00	.00	—	—	—	.00
25	.00	—	—	.00	.00	.01	.00	.00	—	—	—	.00
26	.00	—	—	.22	.00	.02	.00	.00	—	—	—	.00
27	.00	—	—	.02	.00	.00	.24	.00	—	—	—	.00
28	.00	—	—	.01	.00	.00	.05	.00	—	—	.00	.00
29	.00	—	—	.21	.00	.01	.00	.00	—	—	.00	.00
30	.00	—	—	.00	.00	.00	.00	.00	—	—	.00	.00
31	.00	—	—	—	.00	—	.02	.00	—	—	—	.00
Total	0.34	—	—	0.58	0.31	1.47	1.85	2.90	—	—	—	0.01

Table 6.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G1 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.21	0.00	0.00	0.00	0.00
2	.00	.00	.00	.00	.00	.00	.13	.30	.02	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.01	.04	.00	.00	.00
4	.00	.00	.00	.00	.05	.21	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00
8	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.07	.00	.00	.00	.01	.00	.00	.00	.43	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.15	.00	.65	.00	.07
11	.00	.00	.03	.00	.00	.00	.00	.00	.01	.02	.00	.00
12	.00	.00	.91	.00	.24	.00	.00	.00	.00	.00	.00	.00
13	.07	.00	.00	.00	.02	.00	.01	.00	.00	.11	.00	.00
14	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00
15	.00	.00	.05	.00	.00	.00	.04	.00	.19	.00	.00	.00
16	.03	.00	.00	.00	.00	.00	.00	.00	.48	.36	.00	.00
17	.00	.00	.00	.00	.56	.00	.00	.00	.00	.10	.00	.00
18	.00	.00	.00	.20	.01	.00	.03	.00	.21	.00	.00	.00
19	.00	.00	.22	.00	.00	.00	.01	.00	.30	.09	.00	.00
20	.00	.00	.00	.00	.01	.18	.26	.27	.43	.00	.00	.00
21	.00	.00	.00	.07	.26	.00	.00	.00	.00	.00	.00	.00
22	.00	.19	.00	.35	.00	.00	1.10	.00	.00	.00	.00	.00
23	.04	.04	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00
24	.00	.08	.00	.00	.00	.37	.00	.01	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.06	.00	.00	.11	.00	.00	.00	.00	.00	.00	.05	.00
27	.07	.00	—	.00	.00	.00	.00	.02	.00	.00	.00	.00
28	.00	.14	.00	.89	.00	.00	.06	.00	.04	.00	.00	.00
29	.00	—	.19	.05	.00	.00	.25	.00	.01	.01	.00	.00
30	.00	—	.01	.00	.00	.00	.00	.00	.00	.00	.12	.00
31	.00	—	.00	—	.00	—	.04	.00	—	.14	—	.15
Total	0.53	0.52	—	1.67	1.47	0.77	2.00	1.00	1.73	2.05	0.19	0.22

Table 6.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G1 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.41	0.00	0.00	0.26	0.02	0.00	0.00	0.00	0.00
2	.00	.00	.00	.02	.08	.00	.00	.00	.01	.00	.54	.00
3	.00	.00	.00	.00	.30	.01	.00	.00	.00	.04	.15	.00
4	.00	.00	.00	.00	.00	.00	.13	.03	.02	.00	.31	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00
6	.04	.04	.00	.00	.00	.00	.00	.00	.00	.06	.00	.25
7	.10	.00	.00	.00	.00	.00	.33	.00	.01	.00	.09	.06
8	.00	.00	.00	.00	.00	.00	.20	.00	.00	.00	.00	.10
9	.00	.01	.00	.00	.02	.00	.14	.00	.06	.05	.00	.01
10	.00	.00	.08	.00	.00	.00	.00	.04	.02	.18	.00	.00
11	.00	.12	.08	.00	.00	.00	.00	.00	.00	.09	.00	.00
12	.00	.40	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.05	.28	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.14	.00	.00	.02	.00
15	.00	.14	.00	.00	.00	.00	.12	.00	.00	.00	.00	.00
16	.00	.00	.00	.02	.34	.00	.42	.00	.02	.00	.00	.00
17	.00	.00	.09	.00	.17	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.09	.00	.00	.00	.05	.00	.00	.00	.06	.00
19	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.01	.00
20	.00	.00	.00	.00	.00	.00	.21	.00	.00	.01	.00	.01
21	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.11	.00
23	.00	.00	.00	.01	.00	.00	.00	.22	.11	.00	.14	.00
24	.00	.00	.00	.03	.00	.36	.00	.00	.35	.00	.00	.07
25	.00	.00	.00	.11	.00	.61	.00	.07	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.09	.03	.04	.00	.00	.00	.00
27	.00	.00	.00	.00	.02	.11	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.06	.03	.00	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.12	.13	.00	.00	.00	.00	.00	.00
31	.00	—	.00	—	.01	—	.09	.00	—	.00	—	.00
Total	0.14	0.71	0.34	0.60	1.12	1.34	2.18	0.61	0.88	0.59	1.18	0.50

Table 6.—Daily rainfall, in inches, at Fahn Arroyo secondary gage G1 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
2	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.06	.00
3	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
4	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.03	.02	.00	.00	.00	.00	.00	.04	.00
6	.00	.00	.00	.00	.03	.03	.00	.04	.00	.00	.02	.00
7	.00	.00	.00	.00	.00	.19	.00	.01	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00
9	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.01	.00	.00	.00	.00	.20	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00
12	.00	.05	.00	.16	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.09	.01	.00	.00	.04	.18	.00	.00
15	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.05	.00
16	.00	.00	.05	.00	.00	.00	.15	.00	.00	.00	.22	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00
18	.00	.03	.00	.00	.02	.00	.00	.00	.00	.00	.00	.25
19	.01	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00
20	.00	.00	.00	.00	.04	.00	.40	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.03	.00	.37	.57	.00	.00	.00	.00
22	.00	.00	.00	.00	.01	.00	.00	.53	.00	.00	.00	.00
23	.00	.00	.02	.00	.00	.00	.00	.04	.00	.01	.00	.00
24	.05	.00	.00	.00	.02	.00	.20	.04	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.22	.01	.02	.00	.00
26	.00	.07	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.01	.00	.06	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.04	.00	.00	.27	.00	.00
31	.06	—	.00	—	.00	—	.00	.01	—	.00	—	.00
Total	0.12	0.15	0.09	0.34	0.43	0.39	1.19	1.93	0.05	0.48	0.69	0.25

Table 6.—Daily rainfall, in inches, at Falm Arroyo secondary gage G1 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.04	0.00	0.68	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00
2	.00	.00	.02	.00	.00	.00	.17	.00	.01	.00	.00	.00
3	.00	.00	.04	.00	.00	.00	.03	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.03	.00	.00	.00	.01	.00	.00
5	.00	.00	.00	.00	.00	.05	.21	.00	.00	.04	.00	.00
6	.02	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.06	.00	.07	.00	.00
8	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.03	2.30	.14	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.75	.01	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.47	.00	.00	.21	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.59	.00	.00	.00
14	.00	.00	.00	.47	.00	.00	.01	.00	.01	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.43	.00	.00	.01	.00
16	.00	.00	.00	.85	.00	.27	.00	.20	.00	.00	.00	.00
17	.00	.00	.10	.00	.12	.00	.21	.17	.00	.00	.00	.00
18	.13	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00
19	.05	.00	.00	.00	.05	.00	.07	.00	.00	.00	.03	.00
20	.00	.00	.00	.00	.50	.00	.00	.00	.07	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.52	.00	.00	.00
22	.01	.00	.00	.01	.00	.01	.00	.00	.35	.00	.00	.00
23	.00	.00	.00	.00	.00	.06	.00	.02	.00	.00	.00	.00
24	.00	.00	.00	.02	.00	.01	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.04	.14	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.02	.00	.01	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.47	.09	.22	.00	.00	.00	.00
28	.00	.00	.00	.04	.00	.02	.48	.22	.00	.00	.00	.00
29	.00	.00	.00	.01	.00	.00	.03	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.01	.15	.00	.02	.00	.00	.00	.00
31	.00	—	.18	—	.00	—	.00	.00	—	.00	—	.00
Total	0.21	0.04	0.34	2.08	0.87	2.48	4.03	1.51	2.03	0.20	0.04	0.00

Table 7.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G3 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.35	0.00	0.12	0.00	0.05	0.00	0.02
2	—	—	—	.00	.00	.04	.00	.22	.00	.11	.00	.01
3	—	—	—	.00	.00	.00	.42	.00	.00	.58	.00	.02
4	—	—	—	.00	.00	.00	.00	.19	.00	.05	.00	.11
5	—	—	—	.00	.00	.08	.00	.00	.00	.00	.00	.01
6	—	—	—	.00	.00	.00	.00	.28	.00	.00	.00	—
7	—	—	—	.00	.00	.00	.00	.62	.00	.00	.00	—
8	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	—	.00	.00	.00	.02	.00	.00	.01	.00	—
11	—	—	—	.00	.00	.01	.19	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	.00	.00	.01	.12	.00	—
13	—	—	—	.00	.00	.00	.00	.00	.00	.04	.00	—
14	—	—	—	.00	.00	.00	.00	.00	.59	.00	.00	—
15	—	—	—	.00	.00	.00	.01	.00	.04	1.31	.00	—
16	—	—	—	.00	.00	.00	.25	.00	.00	.06	.00	—
17	—	—	—	.00	.00	.00	.03	.00	.00	.00	.46	—
18	—	—	—	.00	.00	.00	.00	.00	.00	.01	.07	—
19	—	—	—	.00	.00	.56	.00	.00	.00	.08	.01	—
20	—	—	—	.05	.00	.00	.00	.03	.00	.29	.01	—
21	—	—	—	.01	.01	.00	.10	.01	.00	.08	.00	—
22	—	—	0.00	.00	.00	.00	.00	.89	.00	.07	.00	—
23	—	—	.00	.00	.48	.00	.00	.45	.02	.01	.01	—
24	—	—	.00	.00	.02	.01	.00	.02	.00	.22	.17	—
25	—	—	.00	.00	.00	.01	.00	.00	.26	.01	.04	—
26	—	—	.48	.27	.00	.01	.00	.14	.79	.15	.00	—
27	—	—	.24	.00	.00	.00	.01	.00	.00	.01	.09	—
28	—	—	.00	.08	.00	.01	.00	.00	.00	.00	.07	—
29	—	—	.00	.10	.00	.00	.00	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.00	—	.00	—	—
Total	—	—	—	0.51	0.51	1.08	1.03	2.97	1.71	3.26	0.93	—

Table 7.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G3 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.23	0.00	0.00	0.24	0.00	0.00	0.03	0.00
2	—	—	—	.00	.00	.00	.06	.22	.04	.00	.00	.00
3	—	—	—	.00	.00	.00	.00	.04	.09	.00	.00	.00
4	—	—	—	.00	.07	.05	.00	.00	.00	.00	.00	—
5	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
6	—	—	0.00	.00	.00	.00	.00	.00	.00	.00	.00	—
7	—	—	.00	.00	.00	.00	.00	.03	.01	.12	.00	—
8	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
9	—	—	.00	.00	.00	.01	.00	.00	.00	.26	.00	—
10	—	—	.00	.00	.00	.00	.00	.37	.00	.84	.00	—
11	—	—	.02	.00	.00	.00	.00	.04	.03	.08	.00	—
12	—	—	.78	.00	.21	.00	.00	.00	.00	.00	.00	—
13	—	—	.00	.00	.00	.00	.00	.00	.01	.05	.00	—
14	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.03	—
15	—	—	.01	.00	.00	.00	.06	.00	.18	.00	.00	—
16	—	—	.00	.00	.00	.00	.01	.00	.82	.49	.00	—
17	—	—	.00	.00	.05	.00	.00	.00	.03	.23	.00	—
18	—	—	.00	.19	.05	.01	.00	.00	.32	.00	.00	—
19	—	—	.16	.00	.00	.00	.05	.00	.21	.00	.00	—
20	—	—	.00	.00	.02	.03	.02	.13	.38	.00	.00	—
21	—	—	.01	.04	.20	.00	.00	.00	.03	.00	.00	—
22	—	—	.00	.31	.00	.00	.00	.00	.01	.00	.00	—
23	—	—	.00	.00	.00	.00	.07	.00	.00	.00	.00	—
24	—	—	.00	.00	.00	.39	.00	.00	.00	.00	.00	—
25	—	—	.00	.02	.00	.00	.00	.00	.00	.00	.00	—
26	—	—	.00	.11	.01	.00	.00	.00	.00	.00	.02	—
27	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
28	—	—	.00	1.21	.00	.00	.06	.10	.02	.00	.00	—
29	—	—	.05	.05	.00	.00	.18	.00	.04	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.03	—
31	—	—	.00	—	.01	—	.00	.00	—	.10	—	—
Total	—	—	—	1.93	0.85	0.49	0.51	1.17	2.22	2.17	0.11	—

Table 7.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G3 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.30	0.00	0.00	0.05	0.00	0.00	0.00	0.00	—
2	—	—	—	.02	.02	.00	.00	.00	.00	.00	.63	—
3	—	—	0.00	.00	.28	.04	.00	.00	.00	.14	.26	—
4	—	—	.00	.00	.01	.00	.31	.00	.09	.00	.24	—
5	—	—	.00	.00	.00	.00	.00	.00	.00	.46	.01	—
6	—	—	.00	.00	.00	.00	.00	.00	.00	.16	.01	—
7	—	—	.00	.00	.00	.00	.34	.00	.00	.00	.06	—
8	—	—	.00	.00	.00	.00	.08	.00	.00	.00	.00	—
9	—	—	.00	.00	.00	.00	.16	.00	.01	.16	.04	—
10	—	—	.04	.00	.00	.00	.00	.24	.01	.49	.02	—
11	—	—	.09	.00	.00	.00	.00	.00	.00	.16	.00	—
12	—	—	.00	.00	.00	.00	.00	.00	.00	.09	.00	—
13	—	—	.02	.00	.00	.00	.01	.07	.19	.00	.11	—
14	—	—	.01	.00	.00	.00	.00	.00	.00	.00	.00	—
15	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
16	—	—	.00	.01	.42	.00	.36	.00	.05	.00	.00	—
17	—	—	.02	.00	.38	.60	.01	.00	.00	.00	—	—
18	—	—	.04	.00	.00	.04	.01	.00	.00	.00	—	—
19	—	—	.00	.00	.00	.19	.05	.00	.00	.00	—	—
20	—	—	.00	.00	.00	.00	.12	.00	.00	.04	—	—
21	—	—	.00	.00	.00	.00	.02	.09	.00	.00	—	—
22	—	—	.00	.00	.00	.00	.45	.00	.01	.00	—	—
23	—	—	.00	.01	.00	.00	.02	.36	.09	.00	—	—
24	—	—	.00	.09	.00	.42	.00	.00	.29	.00	—	—
25	—	—	.00	.11	.00	.27	.00	.35	.00	.00	—	—
26	—	—	.00	.00	.00	.06	.03	.01	.00	.00	—	—
27	—	—	.00	.00	.00	1.05	.00	.00	.00	.00	—	—
28	—	—	.00	.00	.00	.02	.00	.00	.00	.01	—	—
29	—	—	.00	.00	.07	.05	.00	.00	.00	.00	—	—
30	—	—	.00	.00	.08	.27	.00	.00	.00	.00	—	—
31	—	—	.00	—	.03	—	.00	.00	—	.00	—	—
Total	—	—	—	0.54	1.29	3.01	2.02	1.12	0.74	1.71	—	—

Table 7.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G3 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.25	0.00
2	—	—	—	.00	.00	.00	.00	.11	.02	.01	.03	.00
3	—	—	—	.04	.00	.00	.00	.00	.00	.00	.01	.00
4	—	—	0.00	.56	.00	.00	.00	.02	.00	.01	.00	.00
5	—	—	.00	.04	.01	.00	.00	.01	.00	.02	.05	.00
6	—	—	.00	.00	.01	.00	.00	.17	.00	.00	.01	.00
7	—	—	.00	.00	.00	—	.00	.01	.00	.00	.00	.00
8	—	—	.00	.00	.01	—	.00	.00	.00	.00	.00	—
9	—	—	.00	.00	.00	—	.00	.00	.00	.00	.00	—
10	—	—	.00	.00	.00	.00	.00	.76	.01	.00	.00	—
11	—	—	.00	.00	.00	.00	.00	.38	.00	.00	.00	—
12	—	—	.00	.26	.00	.00	.00	.02	.00	.00	.00	—
13	—	—	.00	.01	.00	.00	.00	.00	.00	.00	.00	—
14	—	—	.00	.00	—	.00	.00	.00	.03	.17	.00	—
15	—	—	.00	.00	—	.00	.00	.00	.00	.00	.14	—
16	—	—	.00	.00	—	.00	.01	.00	.00	.02	.04	—
17	—	—	.00	.00	.00	.00	.01	.00	.00	.01	.01	—
18	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
19	—	—	.00	.00	.01	.00	.00	.00	.00	.01	.00	—
20	—	—	.00	.00	.02	.00	.06	.00	.00	.00	.00	—
21	—	—	.00	.00	.05	.00	.20	.46	.00	.00	.00	—
22	—	—	.00	.00	.02	.00	.01	.31	.00	.00	.00	—
23	—	—	.00	.00	.00	.00	.01	.04	.00	.01	.00	—
24	—	—	.00	.00	.05	.00	.85	.53	.00	.01	.00	—
25	—	—	.00	.00	.00	.00	.00	.35	.03	.02	.00	—
26	—	—	.00	.00	.00	.00	.00	.45	.00	.01	.00	—
27	—	—	.00	.00	.00	.00	.00	.28	.00	.02	.00	—
28	—	—	.00	.00	.00	.00	.04	.01	.02	.01	.00	—
29	—	—	.00	.00	.00	.00	.01	.01	.00	.00	.00	—
30	—	—	.00	.01	.00	.00	.03	.01	.00	.31	.00	—
31	—	—	.00	—	.00	—	.00	.03	—	.08	—	—
Total	—	—	—	0.92	—	—	1.23	3.96	0.12	0.72	0.54	—

Table 7.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G3 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	0.00	0.00	0.01	0.01	0.05	0.00	0.00	0.00
2	—	—	—	—	.00	.01	.13	.01	.02	.00	.00	.00
3	—	—	—	—	.00	.00	.02	.01	.01	.00	.00	.00
4	—	—	—	—	.00	.11	.01	.01	.00	.00	.00	.00
5	—	—	—	—	.00	.03	.25	.01	.01	.05	.00	.00
6	—	—	—	—	.00	.01	.02	.00	.00	.17	.00	—
7	—	—	—	—	.00	.00	.00	.00	.01	.11	.00	—
8	—	—	0.00	—	.00	.00	.66	.00	.00	.00	.00	—
9	—	—	.00	—	.01	.00	1.30	.25	.00	.00	.00	—
10	—	—	.00	—	.00	.57	.03	.01	.00	.00	.00	—
11	—	—	.00	—	.00	.28	.00	.00	.00	.00	.00	—
12	—	—	.00	0.00	.00	.01	.01	.00	.00	.00	.00	—
13	—	—	.00	.00	.00	.00	.01	.00	.00	.01	.00	—
14	—	—	.03	.40	.00	.00	.00	.00	.00	.00	.00	—
15	—	—	.00	.02	.00	.01	.00	.15	.00	.00	.00	—
16	—	—	.00	.90	.00	.10	.01	.04	.00	.01	.01	—
17	—	—	.00	.01	.00	.01	.32	.19	.00	.00	.00	—
18	—	—	.00	.00	.24	.00	.02	.08	.00	.00	.00	—
19	—	—	.02	.00	.01	.00	.08	.01	.00	.00	.03	—
20	—	—	.00	.00	.30	.00	.01	.00	.00	.01	.01	—
21	—	—	.00	.00	.01	.00	.00	.00	.00	.01	.00	—
22	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
23	—	—	.00	.00	.00	.06	.00	.00	.00	.01	.00	—
24	—	—	.00	.00	.00	.01	.00	.22	.00	.00	.00	—
25	—	—	.00	.01	.00	.15	.01	.03	.00	.01	.00	—
26	—	—	.00	.00	.01	.17	.01	.01	.00	.00	.08	—
27	—	—	.00	.00	.00	.09	.05	.17	.00	.01	.00	—
28	—	—	.00	.01	.00	.04	.41	.25	.00	.00	.01	—
29	—	—	.00	.01	.00	.00	.08	.05	.00	.00	.00	—
30	—	—	.00	.00	.00	.51	.02	.01	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.03	—	.00	—	—
Total	—	—	—	—	0.58	2.17	3.47	1.55	0.10	0.40	0.14	—

Table 8.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G22 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	0.00	0.23	0.00	0.13	0.00	0.01	0.00	0.00
2	—	—	—	—	.00	.06	.00	.27	.00	.07	.00	.00
3	—	—	—	—	.00	.02	.37	.04	.00	.55	.00	.00
4	—	—	—	0.00	.00	.00	.00	.09	.00	.09	.00	.07
5	—	—	—	.00	.00	.07	.00	.02	.00	.00	.00	.05
6	—	—	—	.00	.00	.00	.00	.20	.00	.00	.00	.00
7	—	—	—	.01	.00	.00	.00	.64	.00	.00	.00	.00
8	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	—	—	—	.00	.00	.00	.03	.00	.00	.00	.00	.01
11	—	—	—	.00	.00	.00	.64	.00	.03	.00	.00	.10
12	—	—	—	.00	.00	.00	.00	.00	.00	.21	.00	.36
13	—	—	—	.00	.00	.00	.00	.00	.00	.05	.00	.44
14	—	—	—	.00	.00	.00	.00	.00	.53	.00	.00	.00
15	—	—	—	.00	.00	.00	.00	.01	.04	1.30	.00	.00
16	—	—	—	.00	.00	.00	.11	.00	.00	.00	.00	.00
17	—	—	—	.00	.00	.00	.00	.00	.00	.00	.40	.00
18	—	—	—	.00	.00	.00	.00	.00	.00	.01	.07	.02
19	—	—	—	.00	.00	.41	.05	.00	.00	.07	.00	.13
20	—	—	—	.05	.00	.01	.00	.06	.00	.19	.00	.33
21	—	—	—	.00	.00	.00	.45	.00	.01	.10	.00	.01
22	—	—	—	.00	.00	.00	.00	1.13	.00	.07	.00	.00
23	—	—	—	.00	.48	.00	.00	.47	.00	.01	.01	.00
24	—	—	—	.00	.00	.46	.00	.00	.00	.22	.14	.00
25	—	—	—	.00	.00	.02	.00	.00	.24	.00	.07	.00
26	—	—	—	.17	.00	.01	.00	.07	.76	.18	.00	.00
27	—	—	—	.20	.00	.00	.01	.00	.00	.00	.00	.13
28	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.21
29	—	—	—	.16	.00	.01	.00	.00	.00	.00	.00	.04
30	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	—	—	—	—	.00	—	.07	.00	—	.00	—	.00
Total	—	—	—	—	0.48	1.30	1.73	3.13	1.61	3.13	0.69	1.90

Table 8.—Daily rainfall, in inches, at Fahn Arroyo secondary gage G22 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.25	0.00	0.00	0.02	0.00
2	.00	.01	.00	.00	.00	.00	.17	.22	.06	.00	.00	.00
3	.00	.01	.00	.00	.00	.00	.00	.05	.05	.00	.00	.00
4	.00	.05	.00	.00	.03	.11	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00
8	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.07	.00	.00	.00	.01	.00	.00	.00	.37	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.37	.00	.86	.00	.08
11	.00	.00	.03	.00	.00	.00	.00	.03	.03	.07	.00	.00
12	.00	.00	.75	.00	.22	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.03	.00	.02	.00	.00	.09	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00
15	.00	.00	.02	.00	.00	.00	.07	.00	.17	.00	.00	.00
16	.01	.00	.00	.00	.00	.00	.00	.00	.51	.47	.00	.00
17	.00	.00	.00	.00	.09	.00	.00	.00	.01	.19	.00	.00
18	.00	.00	.00	.18	.02	.01	.03	.00	.24	.00	.00	.00
19	.00	.00	.16	.00	.00	.00	.01	.00	.22	.00	.00	.00
20	.00	.00	.00	.00	.05	.03	.05	.22	.30	.00	.00	.00
21	.00	.00	.00	.07	.18	.00	.00	.00	.01	.00	.00	.00
22	.00	.19	.00	.29	.00	.00	.03	.00	.00	.00	.00	.00
23	.06	.09	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00
24	.00	.02	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.06	.00	.00	.12	.00	.00	.00	.00	.00	.00	.03	.00
27	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.14	.00	.92	.00	.00	.07	.00	.03	.00	.00	.00
29	.00	—	.07	.04	.00	.00	.18	.00	.03	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00
31	.00	—	.00	—	.02	—	.01	.00	—	.08	—	.07
Total	0.41	0.58	1.03	1.62	0.87	0.58	0.70	1.14	1.66	2.25	0.16	0.15

Table 8.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G22 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.33	0.00	0.00	0.10	0.01	0.00	0.00	0.00	0.00
2	.00	.00	.00	.02	.07	.00	.00	.00	.00	.00	.54	.00
3	.00	.00	.00	.00	.25	.04	.00	.00	.00	.22	.18	.00
4	.00	.00	.00	.00	.00	.00	.29	.01	.06	.00	.27	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.31	.02	.00
6	.03	.04	.00	.00	.00	.00	.00	.00	.00	.12	.00	.22
7	.08	.00	.00	.00	.00	.00	.32	.00	.00	.00	.11	.07
8	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.20
9	.00	.00	.00	.00	.01	.00	.14	.00	.04	.29	.00	.00
10	.00	.00	.06	.00	.00	.00	.00	.18	.02	.48	.00	.00
11	.00	.06	.07	.00	.00	.00	.00	.01	.00	.16	.00	.00
12	.00	.37	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00
13	.00	.07	.01	.00	.00	.00	.10	.05	.17	.00	.02	.00
14	.00	.00	.01	.00	.00	.00	.00	.05	.00	.00	.02	.00
15	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.01	.36	.00	.33	.00	.05	.00	.00	.00
17	.00	.00	.03	.00	.38	.37	.00	.00	.00	.00	.00	.00
18	.00	.00	.04	.00	.00	.00	.17	.00	.00	.00	.11	.01
19	.00	.00	.00	.00	.00	.03	.09	.00	.00	.00	.29	.00
20	.00	.00	.00	.00	.00	.00	.14	.00	.00	.02	.00	.01
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
22	.00	.00	.00	.00	.00	.00	.24	.00	.00	.00	.25	.00
23	.00	.00	.00	.01	.00	.00	.01	.22	.09	.00	.15	.00
24	.00	.00	.00	.06	.00	.38	.00	.00	.10	.00	.00	.05
25	.00	.00	.00	.10	.00	.31	.00	.48	.00	.00	.00	.00
26	.00	.00	.00	.01	.00	.07	.06	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.81	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.09	.07	.00	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.11	.14	.00	.00	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.02	.00	—	.00	—	.00
Total	0.11	0.63	0.22	0.54	1.27	2.22	2.17	1.01	0.53	1.77	1.96	0.58

Table 8.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G22 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	—	—	—	—	—	—	—	—
2	.00	.00	.00	.00	—	—	—	—	—	—	—	—
3	.00	.00	.00	.00	—	—	—	—	—	—	—	—
4	.00	.00	.00	.11	—	—	—	—	—	—	—	—
5	.00	.00	.00	.01	—	—	—	—	—	—	—	—
6	.00	.00	.00	.00	—	—	—	—	—	—	—	—
7	.00	.00	.00	.00	—	—	—	—	—	—	—	—
8	.00	.00	.00	—	—	—	—	—	—	—	—	—
9	.00	.00	.01	—	—	—	—	—	—	—	—	—
10	.00	.00	.00	—	—	—	—	—	—	—	—	—
11	.00	.00	.00	—	—	—	—	—	—	—	—	—
12	.00	.07	.00	—	—	—	—	—	—	—	—	—
13	.00	.00	.00	—	—	—	—	—	—	—	—	—
14	.00	.00	.00	—	—	—	—	—	—	—	—	—
15	.00	.00	.00	—	—	—	—	—	—	—	—	—
16	.00	.00	.04	—	—	—	—	—	—	—	—	—
17	.00	.00	.00	—	—	—	—	—	—	—	—	—
18	.00	.09	.00	—	—	—	—	—	—	—	—	—
19	.00	.00	.00	—	—	—	—	—	—	—	—	—
20	.00	.00	.00	—	—	—	—	—	—	—	—	—
21	.00	.00	.00	—	—	—	—	—	—	—	—	—
22	.01	.00	.04	—	—	—	—	—	—	—	—	—
23	.01	.00	.00	—	—	—	—	—	—	—	—	—
24	.14	.00	.00	—	—	—	—	—	—	—	—	—
25	.15	.00	.00	—	—	—	—	—	—	—	—	—
26	.00	.12	.00	—	—	—	—	—	—	—	—	—
27	.00	.00	.00	—	—	—	—	—	—	—	—	—
28	.00	.00	.00	—	—	—	—	—	—	—	—	—
29	.00	—	.00	—	—	—	—	—	—	—	—	—
30	.00	—	.00	—	—	—	—	—	—	—	—	—
31	.16	—	.00	—	—	—	—	—	—	—	—	—
Total	0.47	0.28	0.09	—	—	—	—	—	—	—	—	—

Table 8.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G22 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.02	0.00	0.17	0.00	0.00	0.02	0.00	0.05	0.00	0.00	0.00
2	.00	.00	.01	.28	.00	.00	.21	.00	.00	.00	.00	.00
3	.00	.00	.03	.00	.00	.00	.02	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00
5	.00	.00	.00	.00	.00	.00	.17	.00	.00	.03	.00	.00
6	.02	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00
8	.00	.00	.00	.00	.00	.00	.66	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	1.30	.30	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.48	.03	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.37	.00	.00	.19	.00	.00	.00
12	.00	.00	.00	.00	.00	.03	.00	.00	.24	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.84	.00	.00	.00
14	.00	.00	.03	.40	.00	.00	.00	.00	.01	.00	.00	.00
15	.00	.00	.00	.02	.00	.00	.00	.16	.00	.00	.00	.00
16	.00	.00	.00	.90	.00	.20	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.32	.20	.00	.00	.00	.00
18	.09	.00	.02	.00	.24	.00	.02	.02	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.02	.00
20	.00	.00	.00	.00	.30	.00	.00	.00	.07	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.49	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.22	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.01	.00	.23	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.28	.00	.03	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.28	.00	.02	.00	.00	.05	.00
27	.00	.00	.00	.00	.00	.12	.06	.17	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.03	.41	.18	.00	.00	.00	.00
29	.00	.00	.00	.00	.00	.00	.08	.01	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.52	.02	.02	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.00	.02	—	.00	—	.00
Total	0.11	0.02	0.09	1.77	0.54	2.32	3.42	1.36	2.11	0.17	0.07	0.00

Table 9.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G23 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00
2	—	—	—	—	—	—	—	—	.00	.06	.00	.00
3	—	—	—	—	—	—	—	—	.00	.59	.00	.00
4	—	—	—	—	—	—	—	—	.00	.08	.00	.06
5	—	—	—	—	—	—	—	—	.00	.00	.00	.02
6	—	—	—	—	—	—	—	—	.00	.00	.00	.00
7	—	—	—	—	—	—	—	—	.00	.00	.00	.00
8	—	—	—	—	—	—	—	—	.00	.00	.00	.01
9	—	—	—	—	—	—	—	0.00	.00	.00	.00	.00
10	—	—	—	—	—	—	—	.00	.00	.00	.00	.01
11	—	—	—	—	—	—	—	.00	.03	.00	.00	.11
12	—	—	—	—	—	—	—	.00	.00	.17	.00	.27
13	—	—	—	—	—	—	—	.00	.00	.05	.00	.47
14	—	—	—	—	—	—	—	.00	.23	.00	.00	.00
15	—	—	—	—	—	—	—	.05	.03	1.20	.00	.00
16	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
17	—	—	—	—	—	—	—	.00	.00	.00	.39	.00
18	—	—	—	—	—	—	—	.00	.00	.01	.07	.14
19	—	—	—	—	—	—	—	.00	.00	.06	.00	.14
20	—	—	—	—	—	—	—	.07	.00	.15	.01	.07
21	—	—	—	—	—	—	—	.01	.01	.10	.00	.00
22	—	—	—	—	—	—	—	1.24	.00	.07	.00	.00
23	—	—	—	—	—	—	—	.22	.01	.02	.01	.00
24	—	—	—	—	—	—	—	.00	.00	.20	.12	.00
25	—	—	—	—	—	—	—	.00	.21	.00	.04	.00
26	—	—	—	—	—	—	—	.03	.70	.16	.00	.00
27	—	—	—	—	—	—	—	.00	.00	.00	.00	.12
28	—	—	—	—	—	—	—	.00	.00	.00	.00	.18
29	—	—	—	—	—	—	—	.00	.00	.00	.00	.10
30	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
31	—	—	—	—	—	—	—	.00	—	.00	—	.01
Total	—	—	—	—	—	—	—	—	1.22	2.92	0.64	1.71

Table 9.—Daily rainfall, in inches, at Balm Arroyo secondary gage G23 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.27	0.00	0.00	0.23	0.00	0.00	0.02	0.00
2	.00	.00	.00	.00	.00	.00	.14	.27	.02	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.03	.03	.00	.00	.00
4	.00	.00	.00	.00	.06	.10	.00	.01	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00
8	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.07	.00	.00	.00	.02	.00	.00	.00	.36	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.11	.00	.69	.00	.03
11	.00	.00	.03	.00	.00	.00	.00	.02	.01	.07	.00	.00
12	.00	.00	.71	.00	.20	.00	.00	.00	.00	.00	.00	.00
13	.07	.00	.00	.00	.05	.00	.00	.00	.00	.06	.00	.00
14	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.02	.00	.00	.00	.04	.00	.13	.00	.00	.00
16	.03	.00	.00	.00	.00	.00	.00	.00	.28	.48	.00	.00
17	.00	.00	.00	.00	.17	.00	.00	.00	.00	.19	.00	.00
18	.00	.00	.00	.18	.06	.00	.04	.00	.19	.00	.00	.00
19	.00	.00	.17	.01	.00	.00	.00	.00	.24	.01	.00	.00
20	.00	.00	.01	.00	.05	.05	.01	.24	.36	.00	.00	.00
21	.00	.00	.00	.05	.30	.00	.00	.00	.01	.01	.00	.00
22	.00	.19	.00	.30	.00	.00	.12	.00	.00	.00	.00	.00
23	.04	.04	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00
24	.01	.08	.00	.00	.00	.35	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.06	.00	.00	.09	.00	.00	.00	.00	.00	.00	.03	.00
27	.07	.00	.00	.01	.00	.00	.00	.05	.00	.00	.00	.00
28	.00	.14	.00	.76	.00	.00	.07	.00	.02	.00	.00	.00
29	.00	—	.11	.03	.00	.00	.17	.00	.02	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00
31	.00	—	.00	—	.01	—	.03	.00	—	.10	—	.11
Total	0.54	0.53	1.05	1.43	1.17	0.52	0.66	0.96	1.31	2.08	0.11	0.14

Table 9.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G23 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.34	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00
2	.00	.00	.00	.01	.06	.00	.00	.00	.03	.00	.53	.00
3	.00	.00	.00	.00	.24	.03	.00	.00	.00	.06	.14	.00
4	.00	.00	.00	.00	.00	.00	.14	.04	.03	.00	.20	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00
6	.03	.03	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00
7	.09	.00	.00	.00	.00	.00	.28	.00	.00	.00	.12	.00
8	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.02	.00	.14	.00	.03	.14	.00	.00
10	.00	.00	.04	.00	.00	.00	.00	.20	.03	.48	.00	.00
11	.00	.00	.06	.00	.00	.00	.00	.00	.00	.17	.00	.00
12	.00	.02	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00
13	.00	.00	.00	.00	.00	.00	.01	.05	.26	.00	.02	.00
14	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.01	.01
15	.00	.10	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.32	.00	.26	.00	.03	.00	.00	.00
17	.00	.00	.06	.00	.35	.09	.00	.00	.00	.00	.00	.00
18	.00	.00	.04	.00	.00	.01	.04	.00	.00	.00	.08	.00
19	.00	.00	.00	.00	.00	.03	.03	.00	.00	.00	.16	.00
20	.00	.00	.00	.00	.00	.00	.19	.00	.00	.01	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01
22	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.17	.00
23	.00	.00	.00	.03	.00	.00	.01	.29	.10	.00	.15	.00
24	.00	.00	.00	.03	.00	.25	.00	.00	.27	.00	.00	.04
25	.00	.00	.00	.05	.00	.28	.00	.18	.00	.00	.00	.00
26	.00	.00	.00	.01	.00	.07	.01	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.36	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.08	.02	.00	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.13	.12	.00	.00	.00	.00	.02	.00
31	.00	—	.00	—	.00	—	.05	.00	—	.00	—	.00
Total	0.12	0.15	0.20	0.47	1.20	1.26	1.59	0.85	0.78	1.22	1.60	0.06

Table 9.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G23 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00
2	.00	.00	.00	.00	.00	.00	.00	.67	.00	.00	.01	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00
4	.00	.00	.00	.18	.00	.00	.00	.01	.00	.00	.00	.00
5	.01	.00	.00	.02	.02	.00	.00	.00	.00	.00	.05	.00
6	.00	.00	.00	.00	.08	.00	.00	.07	.00	.00	.01	.00
7	.00	.00	.00	.00	.00	1.00	.00	.01	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.01	.00
9	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00
12	.00	.06	.00	.23	.00	.00	.00	.00	.00	.00	.00	.02
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.22	.00	.00	.00	.01	.13	.00	.00
15	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.04	.00
16	.00	.00	.03	.00	.24	.00	.13	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	1.61	.08	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.02
20	.01	.00	.00	.00	.03	.00	.65	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.04	.00	.87	.32	.00	.00	.00	.00
22	.00	.00	.03	.00	.01	.00	.00	.68	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.00	.00
24	.00	.00	.00	.00	.04	.00	.67	.32	.00	.02	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.41	.00	.00	.00	.00
26	.00	.05	.00	.00	.00	.03	.00	.26	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00
30	.00	—	.00	.01	.00	.00	.08	.00	.00	.25	.00	.00
31	.16	—	.00	—	.00	—	.00	.01	—	.06	—	.00
Total	1.79	0.19	0.08	0.44	0.75	1.17	2.43	3.57	0.01	0.50	0.32	0.04

Table 9.—Daily rainfall, in inches, at Hahn Arroyo secondary gage G23 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.02	0.00	0.49	0.01	0.00	0.00	0.00	0.06	0.00	0.00	0.00
2	.00	.00	.01	.03	.00	.00	.14	.00	.01	.00	.00	.00
3	.00	.00	.03	.00	.00	.00	.01	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.12	.00	.00	.00	.01	.00	.00
5	.00	.00	.00	.00	.00	.05	.24	.00	.00	.02	.00	.00
6	.02	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00
8	.00	.00	.00	.00	.00	.00	.57	.00	.00	.00	.00	.01
9	.00	.00	.00	.00	.00	.00	1.62	.24	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.24	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.68	.00	.00	.00
14	.00	.00	.00	.45	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.01	.00
16	.00	.00	.00	.65	.01	.10	.00	.18	.00	.00	.00	.00
17	.00	.00	.01	.00	.09	.00	.22	.15	.00	.00	.00	.00
18	.09	.00	.00	.00	.13	.00	.00	.01	.00	.00	.00	.00
19	.00	.00	.00	.00	.04	.00	.03	.00	.00	.00	.02	.00
20	.00	.00	.00	.00	.38	.00	.00	.00	.06	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00
22	.00	.00	.00	.01	.00	.00	.00	.00	.18	.00	.00	.00
23	.00	.00	.00	.00	.00	.04	.00	.02	.00	.00	.00	.00
24	.00	.00	.00	.03	.00	.02	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.01	.18	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.01	.00	.02	.00	.00	.01	.00
27	.00	.00	.00	.00	.00	.47	.03	.16	.00	.00	.00	.00
28	.00	.00	.00	.02	.00	.05	.62	.15	.00	.00	.00	.00
29	.00	.00	.00	.01	.00	.00	.03	.01	.00	.00	.00	.00
30	.00	—	.00	.00	.02	.17	.00	.02	.00	.00	.00	.00
31	.00	—	.11	—	.00	—	.00	.00	—	.00	—	.00
Total	0.11	0.02	0.16	1.69	0.69	1.21	3.53	1.15	1.90	0.22	0.04	0.01

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>						
12:20	0.01					
12:40			0.01			
12:45		0.01	.01		0.01	
12:50	.02	.02	.02	0.02	.01	
12:55	.03	.03	.02	.03	.02	
13:00	.05	.04	.04	.03	.03	
13:05	.03	.04	.05	.04	.03	58.00
13:10	.05	.02	.05	.03	.04	82.00
13:15	.03	.03	.02	.02	.03	95.00
13:20	.03	.02	.03	.02	.04	150.00
13:25	.01		.01	.02	.01	172.00
13:30	.01	.01		.01	.01	135.00
13:35	.01		.01	.01	.02	100.00
13:40				.01	.02	105.00
13:45	.01	.01	.01	.01	.01	90.00
13:50	.01		.01	.02	.01	105.00
13:55	.02	.02	.01		.02	95.00
14:00	.02	.01	.02	.02	.02	95.00
14:05	.01	.01	.01	.02	.02	95.00
14:10	.01	.01	.01	.01	.01	95.00
14:15			.01	.01	.02	105.00
14:20	.02	.01	.01	.01	.01	95.00
14:25	.01	.01	.02	.02		95.00
14:30	.02	.02	.02	.02	.02	100.00
14:35	.03	.03	.02	.02	.03	95.00
14:40	.03	.02	.03	.03	.03	100.00
14:45	.01	.02	.02	.01	.02	105.00
14:50	.01		.01	.01	.01	105.00
14:55						115.00
15:00						105.00
15:05						90.00
15:10						82.00
15:15						74.00
15:20						50.00
15:25						43.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>						
15:30						37.00
15:35						34.00
15:40						28.00
15:45						25.00
15:50						22.00
15:55						20.00
16:00						17.00
16:05						15.00

Total	0.49	0.39	0.48	0.45	0.50	

Total storm runoff over watershed = 0.08 inch.

<u>October 15, 1984</u>						
12:25	0.01	0.01	0.01			
12:30	.01	.01	.01	0.01		
12:35		.01	.01	.01	0.01	
12:40	.02	.01	.01	.01	.01	
12:45	.01	.02	.01	.01	.01	
12:50	.01	.02	.03	.01	.02	
12:55	.02	.03	.02	.02	.01	
13:00	.01	.02	.02	.02	.02	20.00
13:05	.03	.02	.03	.04	.03	43.00
13:10	.02	.03	.02	.02		62.00
13:15	.01	.02	.02	.02	.02	90.00
13:20	.01	.01	.01	.01	.01	86.00
13:25	.01	.01	.01	.01	.01	95.00
13:30	.01	.02	.02	.02	.02	100.00
13:35	.03	.03	.03	.03	.02	78.00
13:40	.02	.03	.03	.03	.03	86.00
13:45	.03	.02	.03	.03	.01	90.00
13:50	.02	.02	.02	.02	.02	95.00
13:55	.03	.03	.03	.02	.03	115.00
14:00	.02	.02	.03	.02	.02	125.00
14:05	.03	.02	.02	.02	.02	135.00
14:10	.02	.02	.02	.01	.02	100.00
14:15	.02	.02	.02	.03	.01	105.00
14:20	.02	.02	.02	.02	.03	115.00
14:25	.02	.02	.02	.02	.01	100.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>						
14:30	0.01	0.01	0.01	0.01	0.02	100.00
14:35	.01	.01	.01		.01	100.00
14:40	.01	.01	.02	.02	.02	95.00
14:45	.02	.01	.01		.01	100.00
14:50	.01	.01	.01	.01		95.00
14:55	.03	.04	.03	.03	.04	95.00
15:00	.03	.01	.02	.01	.02	95.00
15:05		.01	.01	.01		90.00
15:10	.02	.02	.01	.02	.01	95.00
15:15	.03	.03	.03	.04	.03	95.00
15:20	.03	.02	.03	.02	.01	105.00
15:25		.01	.01	.01	.01	95.00
15:30	.01		.01		.01	95.00
15:35	.02	.02	.02	.03	.04	100.00
15:40	.02	.02	.02	.03	.02	100.00
15:45	.01	.01	.02	.02	.02	100.00
15:50	.02	.03	.02	.02	.02	95.00
15:55	.02	.02	.02	.02	.01	95.00
16:00	.02	.01	.03	.03	.02	130.00
16:05	.03	.03	.02	.03	.02	140.00
16:10	.02	.03	.02	.02	.03	120.00
16:15	.03	.01	.02	.02	.01	110.00
16:20	.02	.02	.02	.02	.02	183.00
16:25	.02	.03	.03	.03	.01	150.00
16:30	.02	.03	.03	.02	.02	120.00
16:35	.02	.02	.02	.02	.02	115.00
16:40	.03	.02	.03	.02	.03	115.00
16:45	.01	.03	.02	.03	.02	100.00
16:50	.02	.02	.02	.03	.01	115.00
16:55	.01	.01	.01	.01	.02	110.00
17:00	.01	.01	.01	.01	.02	120.00
17:05	.02	.02	.02	.02	.02	115.00
17:10	.01	.02	.02	.02	.02	100.00
17:15	.01	.01	.01		.01	95.00
17:20	.01	.01	.01	.01	.01	95.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>						
17:25	0.01	0.02	0.01	0.02	0.02	95.00
17:30	.02	.02	.03	.03	.02	105.00
17:35	.02	.01	.02	.01	.01	100.00
17:40		.01	.01	.01	.01	95.00
17:45	.01		.01			95.00
17:50		.01				95.00
17:55	.01				.01	90.00
18:00		.01	.01	.01		74.00
18:05		.01		.01		66.00
18:10	.01		.01	.01	.01	54.00
18:15		.02	.01	.02	.01	50.00
18:20	.02	.01	.01	.01		47.00
18:25			.01	.01	.01	47.00
18:30	.01				.01	47.00
18:35					.01	47.00
18:40		.01	.01			50.00
18:45				.01	.01	47.00
18:50	.01	.01		.01		47.00
18:55			.01		.01	43.00
19:00					.01	40.00
19:05	.01					37.00
19:10					.01	34.00
19:15						34.00
19:20				.01		31.00
19:25						31.00
19:30						28.00
19:35						25.00
19:40						22.00
19:45					0.01	20.00
19:50						20.00
19:55						15.00
Total	1.18	1.25	1.30	1.27	1.17	

Total storm runoff over watershed = 0.20 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>							
02:25			0.01	0.01	0.01		17.00
02:30	0.01	0.01					15.00
02:35						0.01	
03:00		.01	.01				
03:15					.01		
03:25		.01		.01		.01	
03:30	.01		.01				
03:35		.01		.01			
03:40	.01	.01	.01	.01		.01	
03:45		.01		.01	.01		
03:50		.01	.01	.01		.01	
03:55	.01		.01				
04:00		.01	.01	.01		.01	
04:05	.01	.01					
04:10			.01	.01		.01	
04:15	.01	.01	.01	.01		.01	17.00
04:20	.01	.02	.01	.01			31.00
04:25	.01		.01	.01		.01	31.00
04:30		.01	.01	.01	.01	.01	40.00
04:35	.01	.02	.01	.01		.01	40.00
04:40	.01	.01	.01	.01	.01	.01	34.00
04:45	.01	.02	.01	.01		.01	34.00
04:50		.01	.01	.01	.01	.01	37.00
04:55	.01						34.00
05:00		.01	.01			.01	50.00
05:05	.01	.01	.01	.01			50.00
05:10					.01	.01	50.00
05:15	.01		.01	.01			50.00
05:20		.01	.01		.01		54.00
05:25		.01	.01	.01		.01	47.00
05:30	.01	.01	.01	.01	.01	.01	43.00
05:35	.01	.01		.01	.01	.01	43.00
05:40	.01	.01	.01	.01	.01	.01	40.00
05:45	.01	.01	.01	.01	.01	.02	43.00
05:50	.01		.01	.01			47.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>							
05:55		0.01			0.01	0.01	47.00
06:00	0.01		0.01		.01	.01	50.00
06:05		.01	.01	0.01		.01	54.00
06:10				.01	.01		50.00
06:15	.01	.01	.01			.01	50.00
06:20	.01	.01		.01	.01	.01	47.00
06:25	.01	.01	.01	.01	.01	.01	47.00
06:30	.01		.01	.01	.01	.01	47.00
06:35	.01	.01	.01			.01	43.00
06:40		.01	.01	.01	.01	.01	43.00
06:45	.01	.01	.01	.01	.01	.01	47.00
06:50	.01	.01	.01	.01	.01	.02	47.00
06:55		.01	.01	.01		.01	47.00
07:00	.01		.01		.01	.01	50.00
07:05				.01			50.00
07:10					.01	.01	54.00
07:15		.01					54.00
07:20	.01		.01			.01	54.00
07:25		.01		.01	.01		54.00
07:30			.01	.01		.01	47.00
07:35	.01	.01	.01		.01	.01	43.00
07:40		.01		.02	.02	.01	40.00
07:45	.01		.01	.01	.01	.01	34.00
07:50	.01	.01	.01	.01	.01	.01	37.00
07:55	.01	.01	.01			.01	34.00
08:00				.01	.01	.01	40.00
08:05		.01	.01	.01		.01	40.00
08:10	.01	.01	.01		.01	.01	43.00
08:15	.01		.01	.01		.01	50.00
08:20	.01	.01		.01	.01	.01	50.00
08:25		.01	.01	.01		.02	43.00
08:30	.01		.01	.01	.01		50.00
08:35	.01	.01			.01	.01	50.00
08:40			.01		.01	.01	43.00
08:45	.01	.01					50.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>							
08:50				0.01	0.01	0.01	50.00
08:55			0.01				47.00
09:00	0.01	0.01			.01	.01	47.00
09:05				.01	.01		37.00
09:10		.01	.01		.01		40.00
09:15	.01		.01	.01	.01		37.00
09:20	.01	.01				.01	34.00
09:25				.01	.01		34.00
09:30	.01	.01	.01	.01	.01	.01	31.00
09:35	.01		.01				31.00
09:40		.01		.01	.01	.01	31.00
09:45			.01			.01	31.00
09:50				.01	.01		31.00
09:55	.01	.01	.01			.01	34.00
10:00	.01	.01		.01			34.00
10:05			.01		.01	.01	37.00
10:10	.01	.01		.01			37.00
10:15			.01		.01	.01	37.00
10:20		.01					37.00
10:25	.01		.01	.01		.01	37.00
10:30							37.00
10:35	.01	.01	.01	.01	.01	.01	34.00
10:40	.01	.01			.01		34.00
10:45			.01	.01		.01	34.00
10:50	.01	.01	.01		.01		34.00
10:55							34.00
11:00	.01	.01		.01	.01	.01	34.00
11:05			.01		.01		34.00
11:10	.01						34.00
11:15		.01					31.00
11:20			.01			.01	31.00
11:25							28.00
11:30					.01		28.00
11:35				.01			28.00
11:40					.01		25.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>							
11:45							25.00
11:50					0.01		25.00
11:55							22.00
12:00							20.00
12:05					.01		17.00
12:10							15.00
12:15							15.00
12:30		0.01	0.01				
12:35	0.01						
13:20	.01		.01				
13:30	.01	.02	.02	0.01		0.01	
13:35	.02	.02	.02	.01		.02	
13:40		.02	.02	.05		.02	
13:45		.01	.01	.01		.12	
13:50	.01			.01		.02	
13:55						.01	17.00
14:00		.01					34.00
14:05							100.00
14:10							100.00
14:15							90.00
14:20							66.00
14:25							58.00
14:30					.01		47.00
14:35					.01		37.00
14:40					.07		31.00
14:45					.04		28.00
14:50					.01		25.00

Total	0.59	0.72	0.71	0.68	0.68	0.86	

Total storm runoff over watershed = 0.131 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 22, 1985</u>							
00:55	0.04	0.02	0.03				43.00
01:00	.01	.03	.01			0.01	86.00
01:05	.01	.01	.01	0.01	0.01		105.00
01:10	.04	.02	.02			.02	100.00
01:15	.02	.01	.01			.02	105.00
01:20	.01	.01	.01			.02	95.00
01:25			.01	.02	.01	.02	82.00
01:30				.02	.02	.01	78.00
01:35	.01			.02	.02	.02	74.00
01:40				.01	.02	.02	78.00
01:45		.01		.02	.02	.02	66.00
01:50				.02	.02	.01	54.00
01:55				.02	.02	.02	47.00
02:00				.03	.03	.01	40.00
02:05				.02	.02	.01	34.00
02:10				.01	.01	.02	28.00
02:15				.01	.01	.01	22.00
02:20				.01	.02	.01	20.00
02:25	.01				.01		17.00
02:30				.01			
02:35					.01		
02:50						.01	
08:35			.01				
09:45	.01						
09:50	.02	.02	.02				
09:55	.02	.02	.02				
10:00		.02					
10:05	.01						
10:35	.01						
11:00				.01			
11:25			.01				
13:10						.01	
13:30					.01		
14:45		.01					
15:35						.01	

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 22, 1985</u>							
15:40						0.01	
16:55	0.01	0.01					
17:00	.01	.01	0.01				
17:05			.01				
17:10		.01					
17:35						.02	
17:40						.02	
17:45							17.00
17:50							17.00
17:55				0.01			
18:00				.02	0.02		
18:05				.01	.01	.01	
18:10					.01		
18:25				.01			
09:50	.01						
14:05	.01						

Total	0.26	0.21	0.18	0.29	0.30	0.34	
Total storm runoff over watershed = 0.036 inch.							
<u>April 28, 1985</u>							
04:00	0.02	0.06	0.04				20.00
04:05	.04	.05	.05				25.00
04:10	.05	.07	.06				34.00
04:15	.07	.03	.02				50.00
04:20	.04	.03	.02				70.00
04:25	.03	.05	.03			0.02	78.00
04:30	.05	.04	.04			.02	90.00
04:35	.02	.02	.04			.01	105.00
04:40	.03	.03	.02			.01	100.00
04:45	.03	.04	.03		0.01	.02	125.00
04:50	.02	.03	.03	0.01	.02	.01	110.00
04:55	.03	.04	.04	.02	.01	.02	110.00
05:00	.04	.04	.04	.02		.02	115.00
05:05	.05	.04	.03	.02	.02	.02	183.00
05:10	.03	.02	.02	.01	.02	.02	130.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>							
05:15	0.02	0.01	0.01	0.02		0.03	183.00
05:20		.01	.01	.02	0.02	.02	274.00
05:25	.01	.01	.01	.04	.02	.04	172.00
05:30	.02	.01	.01	.03	.02	.04	172.00
05:35	.01	.01	.01	.01	.01	.02	125.00
05:40	.01	.01	.01	.02	.02	.04	90.00
05:45		.01		.03	.03	.03	86.00
05:50	.01		.01	.03	.02	.03	86.00
05:55	.01	.01		.04	.02	.01	82.00
06:00	.01			.04	.02	.01	62.00
06:05			.01	.01	.02		54.00
06:10		.01		.03	.03	.01	50.00
06:15	.01		.01	.01			47.00
06:20		.01		.01	.01	.01	43.00
06:25	.01		.01	.02			40.00
06:30					.01		34.00
06:35				.01	.01		31.00
06:40		.01		.01	.01		28.00
06:45					.01	.01	28.00
06:50				.01		.01	28.00
06:55						.01	28.00
07:00							25.00
07:05							22.00
07:10					.01		22.00
07:15				.01			20.00
07:20							20.00
07:25		.01					17.00
07:30	.01			.01			15.00
07:35			.01				
07:45		.01	.01				
07:50	.01	.02	.02				
07:55	.02	.01	.02			01	
08:00	.01	.02	.02				
08:05	.01	.02	.01				17.00
08:10	.02	.01	.02				22.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>							
08:15	0.02	0.01	0.01				40.00
08:20	.01	.01			0.01		50.00
08:25			.01				50.00
08:30	.01	.01					50.00
08:35	.01		.01				47.00
08:40	.01			0.01		0.01	47.00
08:45	.02	.01	.01				40.00
08:50			.01	.02			37.00
08:55	.01	.01	.01		.01		34.00
09:00	.01	.01	.01	.02			31.00
09:05				.01			31.00
09:10	.01				.01		31.00
09:15		.01	.01			.01	34.00
09:20				.01		.01	34.00
09:25							31.00
09:30		.01		.01		.01	31.00
09:35	.01	.01	.02				31.00
09:40	.01	.02	.02		.01		28.00
09:45		.02	.02	.01			28.00
09:50	.01	.02	.01		.01		31.00
09:55	.01			.01			37.00
10:00							47.00
10:05	.01					.01	54.00
10:10							58.00
10:15				.01			54.00
10:20			.01			.01	50.00
10:25		.01			.01		47.00
10:30		.01	.01	.01	.01		40.00
10:35		.01		.02	.01		37.00
10:40			.01	.01	.02		31.00
10:45	.01	.01	.01	.02	.01		28.00
10:50		.02	.02	.01			25.00
10:55	.01	.02	.02				25.00
11:00	.01	.01	.01			.02	31.00
11:05	.01	.01	.01			.01	47.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>							
11:10	0.01	0.01	0.01				54.00
11:15	.01	.01	.01		0.01	0.01	66.00
11:20		.01	.01			.01	74.00
11:25	.01	.01	.02		.01	.01	74.00
11:30	.01	.02	.02			.01	70.00
11:35	.01	.02	.01	0.01	.01	.01	66.00
11:40		.01	.01	.01	.01	.01	62.00
11:45	.01	.01	.01			.01	66.00
11:50	.01	.01	.01	.03	.01	.01	74.00
11:55	.01			.02	.02	.01	74.00
12:00		.01	.01		.01	.02	66.00
12:05					.01	.01	66.00
12:10				.01	.01	.01	54.00
12:15	.01			.01			50.00
12:20					.01		50.00
12:25				.02	.01	.01	47.00
12:30				.01	.01		43.00
12:35				.01	.01		40.00
12:40		.01	.01		.01	.01	34.00
12:45				.01	.01		28.00
12:50	.01	.01	.01				25.00
12:55		.01	.01	.01	.01		22.00
13:00							22.00
13:05	.01						22.00
13:10							22.00
13:15							22.00
13:20							22.00
13:25							31.00
13:30						.01	37.00
13:35		.01	.01			.01	50.00
13:40					.01	.01	50.00
13:45					.01	.01	47.00
13:50				.01			40.00
13:55	.01			.01	.02		37.00
14:00				.01			31.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>							
14:05					0.01		28.00
14:10							25.00
14:15							22.00
14:20							22.00
14:25							20.00
14:30							17.00
14:35							17.00
14:40							15.00

Total	1.19	1.30	1.13	0.85	0.70	0.78	
Total storm runoff over watershed = 0.19 inch.							
<u>May 21, 1985</u>							
14:25	0.01	0.03	0.02				
14:30	.01	.03	.02			0.01	
14:35	.01	.02	.01			.01	
14:40		.01	.01				
14:45		.02	.01				15.00
14:50		.01	.01				17.00
14:55		.01	.01			.01	22.00
15:00						.01	40.00
15:05						.05	115.00
15:10						.04	95.00
15:15						.04	90.00
15:20				0.01		.01	70.00
15:25				.01	0.01	.01	54.00
15:30				.02	.02		47.00
15:35				.02	.02		40.00
15:40				.01	.06		34.00
15:45				.03	.04		28.00
15:50				.01	.06		22.00
15:55					.02		20.00
16:00							20.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>May 21, 1985</u>							
16:05					0.01		15.00
16:10				0.01			
16:55			0.01				
17:00	0.01	0.01					
17:05			.01				
17:10	.01	.01	.01				
17:15	.02	.02	.02				
17:20	.02	.02	.02				
17:30							17.00
17:35						0.01	28.00
17:40						.02	31.00
17:45							40.00
17:50							40.00
17:55							37.00
18:00							31.00
18:05					.01	.01	25.00
18:10				.02	.02		22.00
18:15				.01			20.00
18:20				.01			20.00
18:25					.01		17.00

Total	0.09	0.19	0.16	0.16	0.28	0.23	
Total storm runoff over watershed = 0.03 inch.							
<u>June 24-25, 1985</u>							
18:15	0.01	0.01	0.04	0.01			25.00
18:20			.06				25.00
18:25		.01	.01				22.00
18:30							31.00
18:35	.01						37.00
18:40							37.00
18:45							31.00
18:50							25.00
18:55							22.00
19:00							20.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>June 24-25, 1985</u>							
19:05							17.00
19:10							15.00
19:35						0.01	
19:50						.01	
20:20					0.01		
20:25	0.01						
20:30				0.01	.01	.14	
20:35	.01	0.01		.01		.04	
20:40			0.01			.04	
20:45			.01				
20:55						.01	
21:15	.01					.01	
21:20	.04	.12		.13	.10	.01	
21:25	.09	.06		.05	.05		22.00
21:30		.03	.08	.02	.02		62.00
21:35		.01	.06	.01		.02	86.00
21:40			.03				188.00
21:45					.01	.01	140.00
21:50			.01				115.00
21:55				.01	.01		100.00
22:00		.01				.01	90.00
22:05	.01			.01	.01		66.00
22:10		.01		.01	.01		54.00
22:15			.01	.01		.02	47.00
22:20		.01					40.00
22:25			.01	.01	.02	.01	34.00
22:30	.01	.02		.01			31.00
22:35		.01		.01			28.00
22:40	.01		.01	.01	.01		28.00
22:45			.02				28.00
22:50							28.00
22:55							31.00
23:00	.01	.01					34.00
23:05	.01	.03	.01	.03	.05		40.00
23:10					.01		37.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>June 24-25, 1985</u>							
23:15	0.01		0.02				31.00
23:20				0.01			28.00
23:25							28.00
23:30							31.00
23:35							34.00
23:40							34.00
23:45							34.00
23:50							31.00
23:55							25.00
24:00							22.00
00:05							20.00
00:10							15.00

Total	0.24	0.35	0.39	0.36	0.32	0.34	
Total storm runoff over watershed = 0.058 inch.							
<u>August 10, 1985</u>							
16:20	0.19	0.07	0.03	0.01		0.02	
16:25	.10	.12	.06	.09	0.01	.01	
16:30	.03	.17	.10	.10	.01	.03	47.00
16:35	.03	.11	.10	.10	.04	.01	70.00
16:40	.03	.02	.02	.05	.03	.04	130.00
16:45	.01	.01	.02	.01	.01	.02	172.00
16:50	.02		.01	.01	.01		105.00
16:55	.04					.01	120.00
17:00	.02	.01					90.00
17:05	.01		.01				74.00
17:10	.01	.01					58.00
17:15	.01						50.00
17:20			.01				43.00
17:25	.01						37.00
17:30							31.00
17:35							25.00
17:40							22.00
17:45							17.00
17:50							15.00

Total	0.51	0.52	0.36	0.37	0.11	0.141	
Total storm runoff over watershed = 0.03 inch.							

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 16, 1985</u>							
16:45	0.05	0.06	0.08	0.05	0.03	0.03	
16:50	.02	.01	.02		.02	.05	25.00
16:55	.01	.01	.01			.02	70.00
17:00	.01	.01	.01				86.00
17:05		.01	.01	.02	.02	.01	95.00
17:10	.01	.01					90.00
17:15							78.00
17:20							66.00
17:25			.01				54.00
17:30	.03	.04	.08	.01	.01		54.00
17:35	.04	.13	.19	.12	.03	.02	66.00
17:40	.05	.15	.17	.09	.05	.04	90.00
17:45	.05	.09	.05	.16	.04	.09	230.00
17:50	.02	.02	.02	.03	.08	.10	442.00
17:55						.01	597.00
18:00							615.00
18:05		.01					459.00
18:10							261.00
18:15							135.00
18:20							95.00
18:25							74.00
18:30							58.00
18:35							47.00
18:40							40.00
18:45							31.00
18:50							25.00
18:55							20.00
19:00							17.00
19:05							15.00
<hr/>							
Total	0.34	0.60	0.74	0.50	0.28	0.44	

Total storm runoff over watershed = 0.116 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>							
08:00	0.01						
09:25		0.02	0.02				
09:30	.01	.02	.02	0.01			
09:35				.03	0.02	0.01	
09:40	.01				.01	.01	
10:05		.01	.01	.01			
10:10	.01	.01	.01		.02	.01	17.00
10:15		.01				.01	20.00
10:20			.01	.01	.02	.01	20.00
10:25	.01	.01		.01		.01	20.00
10:30							17.00
10:35							20.00
10:40							20.00
10:45							22.00
10:50							25.00
10:55							25.00
11:00							25.00
11:05							22.00
11:10							17.00
11:15							15.00
11:20						.01	
11:30			.01				
13:50	.01						
14:35					.01		
15:20	.02						
15:25	.31						17.00
15:30	.08	.01	.01				28.00
15:35	.01						28.00
15:40							22.00
15:50	.03	.01	.01				
15:55	.02		.01				
16:00	.01						
16:15		.01	.01			.01	
16:20					.01	.05	
16:25						.01	

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>							
16:40	0.01						
16:45	.02	0.05	0.03				
16:50	.02	.03	.03	0.08	0.04		
16:55	.01	.01	.01	.01	.05	0.10	
17:00	.02	.02	.02		.01	.02	
17:05	.01	.01	.03	.01		.01	40.00
17:10	.01	.01	.01	.01	.01		54.00
17:15	.01	.01	.01	.01	.01	.01	74.00
17:20					.01	.01	78.00
17:25		.01	.01	.01	.01	.02	70.00
17:30	.01	.01	.01		.01		66.00
17:35				.01	.01	.01	66.00
17:40					.01	.01	58.00
17:45		.01		.01		.01	47.00
17:50	.01		.01	.01			43.00
17:55		.01			.01	.01	43.00
18:00			.01		.01	.01	50.00
18:05		.01	.01				54.00
18:10	.01		.01	.01	.01		54.00
18:15						.01	50.00
18:20		.01					50.00
18:25							50.00
18:30					.01		47.00
18:35					.01	.01	43.00
18:40		.01	.01	.02		.02	40.00
18:45	.01				.01		37.00
18:50			.01		.01		31.00
18:55	.01	.01		.01	.01	.02	28.00
19:00					.01		25.00
19:05						.01	31.00
19:10							37.00
19:15							40.00
19:20							43.00
19:25							40.00
19:30							37.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
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September 20, 1985

19:35							31.00
19:40							28.00
19:45							25.00
19:50							22.00
19:55							22.00
20:00							20.00
20:05							17.00
20:10							15.00
20:15							17.00

Total	0.71	0.33	0.35	0.28	0.35	0.43	
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Total storm runoff over watershed = 0.06 inch.

October 9, 1985

16:15	0.01	0.01	0.01		0.01	0.01	
16:20	.02	.03	.04	0.07	.02	.02	
16:25	.01	.03	.03	.03	.06	.11	
16:30	.01	.03	.02	.02	.03	.04	
16:35	.01	.04	.03	.12	.06	.06	
16:40	.02	.02	.02	.02	.05	.04	43.00
16:45	.01	.01	.02	.01	.02	.03	183.00
16:50	.01	.01	.01				274.00
16:55	.02	.03	.02	.02			287.00
17:00	.01	.02	.02	.01	.02	.02	236.00
17:05	.01	.01		.01		.02	140.00
17:10			.01				100.00
17:15							90.00
17:20							74.00
17:25							54.00
17:30							47.00
17:35				.01	.01		40.00
17:40		.01	.01		.01	.01	34.00
17:45	.01			.01	.01		31.00
17:50					.01	.01	28.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>October 9, 1985</u>							
17:55		0.01		0.01	0.01	0.01	22.00
18:00			0.01	.01	.01	.01	17.00
18:05		.01		.01	.01	.02	15.00
18:10			.01		.01	.01	15.00
18:15							15.00
18:20	0.01	.01		.01			17.00
18:25					.01		20.00
18:30						.01	25.00

Total	0.16	0.28	0.26	0.37	0.36	0.43	
Total storm runoff over watershed = 0.053 inch.							
<u>October 10-11, 1985</u>							
18:40				0.01	0.01	0.02	
18:45					.01		
19:00						.01	
19:05	0.01	0.01	0.01	.01			
19:10					.01		
19:15						.01	
19:30				.01			
19:40	.01						
19:45	.08	.10	.08				17.00
19:50	.09	.06	.06	.15	.04	.02	37.00
19:55	.02	.01	.02	.03	.08	.10	47.00
20:00		.01		.01	.02	.03	82.00
20:05	.01	.01	.01		.01	.01	194.00
20:10					.01	.01	267.00
20:15	.01	.01	.01	.01	.01	.01	194.00
20:20	.01			.01	.01		155.00
20:25	.01	.02	.03	.02	.02	.01	115.00
20:30	.02	.02	.02	.01		.01	95.00
20:35	.04	.04	.03	.03	.02	.01	100.00
20:40	.02	.02	.02	.09	.04	.05	100.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>							
20:45	0.01	0.01	0.01	0.02	0.01	0.01	100.00
20:50	.01					.01	105.00
20:55	.01	.01	.01	.01			125.00
21:00	.01				.01		115.00
21:05		.01				.01	100.00
21:10	.01	.01	.01		.01	.01	105.00
21:15	.01	.01	.02	.02	.01		86.00
21:20	.02	.01	.01	.01	.01		66.00
21:25	.01	.03	.02				54.00
21:30	.03	.02	.02	.01	.01	.01	54.00
21:35	.02	.01	.01	.01		.01	58.00
21:40	.01	.02	.02	.01	.02	.01	70.00
21:45	.01	.01	.01	.01	.01	.02	62.00
21:50	.01	.01	.01	.01	.01	.01	58.00
21:55	.01	.01	.01	.02	.01		58.00
22:00	.01	.02	.02	.02	.01	.01	66.00
22:05	.02	.02	.01	.01	.01	.02	78.00
22:10	.02	.02	.02	.01	.02	.01	78.00
22:15	.01	.01	.01	.02	.01	.01	82.00
22:20	.01	.01	.01	.01	.01	.01	86.00
22:25	.03	.02	.03	.02	.02	.02	82.00
22:30	.02	.02	.02	.02	.01	.01	95.00
22:35	.02	.02	.01	.02	.02	.01	95.00
22:40	.01	.01	.01		.01	.01	110.00
22:45	.01	.01	.01	.02	.01	.02	115.00
22:50	.01	.02	.01	.01	.01	.01	105.00
22:55	.01	.01	.02	.01	.01	.01	100.00
23:00	.01	.02	.02	.01	.01	.01	100.00
23:05	.01	.01			.01	.01	100.00
23:10			.01	.01			95.00
23:15	.01						90.00
23:20		.01					78.00
23:25			.01		.01		66.00
23:30	.01	.01	.01	.01		.01	54.00
23:35	.01	.03	.01	.02	.01	.01	47.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>							
23:40	0.03	0.04	0.04	0.02	0.02	0.02	47.00
23:45	.02	.04	.03	.04	.02	.01	50.00
23:50	.02	.02	.02	.02	.02	.01	62.00
23:55	.01						78.00
24:00		.01			.01		100.00
00:05		.01	.01	.01	.01	.01	95.00
00:10	.01		.01	.01	.01	.01	90.00
00:15		.01			.01		95.00
00:20	.01	.01	.01	.01			90.00
00:25	.01	.01	.01	.01			82.00
00:30	.01	.02	.01	.02	.02		78.00
00:35	.01	.01	.01	.01	.01		78.00
00:40							78.00
00:45							74.00
00:50	.01						74.00
00:55							74.00
01:00							70.00
01:05							62.00
01:10		.01	.01				54.00
01:15							47.00
01:20							43.00
01:25							40.00
01:30					.01		34.00
01:35							28.00
01:40		.01					25.00
01:45							25.00
01:50							22.00
01:55							22.00
02:00							20.00
02:05							17.00
02:10							17.00
02:15							17.00
02:20							15.00

Total	0.88	0.96	0.85	0.90	0.73	0.65	

Total storm runoff over watershed = 0.182 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>May 17, 1986</u>							
04:50	0.02						
04:55	.02	0.01					
05:00	.02	.04	0.01				
05:05	.03	.06	.01				
05:10	.01	.03	.04	0.01			
05:15	.01	.02	.04				
05:20	.01	.02	.02				
05:25	.01	.01	.01				28.00
05:30	.01	.01	.02	.01			28.00
05:35	.01	.02	.01				28.00
05:40	.01	.01	.02				31.00
05:45	.01	.02	.01				70.00
05:50	.02	.01	.02				90.00
05:55	.01	.01	.02			0.01	95.00
06:00	.02	.03	.01	.01		.02	100.00
06:05	.01	.01	.02	.01	0.01	.01	100.00
06:10			.01	.01	.01	.01	100.00
06:15	.01	.01	.01	.02	.02		120.00
06:20			.01	.01	.03	.01	95.00
06:25	.01	.01		.03	.03		90.00
06:30			.01	.02	.02	.01	70.00
06:35				.02	.02		58.00
06:40			.01	.02	.03	.01	50.00
06:45		.01		.04	.02		47.00
06:50				.02	.02		37.00
06:55				.02	.01		34.00
07:00	.01			.01	.02		28.00
07:05		.01		.01	.01		25.00
07:10					.01		22.00
07:15		.01	.01				22.00
07:20	.01			.01			20.00
07:25							17.00
07:30					.01		15.00

Total	0.27	0.27	0.32	0.28	0.27	0.08	

Total storm runoff over watershed = 0.043 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>June 17, 1986</u>						
17:40		0.01				
17:45	0.02					
17:50	.02	.02	0.01			
17:55	.05	.06	.02			
18:00	.03	.09	.02	0.01		
18:05	.01	.10	.12	.15	0.05	28.00
18:10	.10	.14	.19	.02	.02	54.00
18:15	.21	.10	.12	.03		105.00
18:20	.09	.07	.06	.02		125.00
18:25	.04	.04	.05	.03		110.00
18:30	.01	.02	.01	.02		95.00
18:35		.01		.01		95.00
18:40					.01	90.00
18:45				.02		74.00
18:50				.02	.01	58.00
18:55				.03		47.00
19:00				.01		40.00
19:05						37.00
19:10						40.00
19:15						58.00
19:20						62.00
19:25						54.00
19:30						40.00
19:35						34.00
19:40						28.00
19:45						22.00
19:50						17.00
19:55						15.00
Total	0.58	0.66	0.60	0.37	0.09	

Total storm runoff over watershed = 0.03 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>June 27, 1986</u>							
01:25	0.01	0.06	0.09	0.10		0.01	
01:30	.01	.11	.11	.10	0.03		
01:35		.09	.10	.09	.10		25.00
01:40	.01	.05	.05	.10	.03		183.00
01:45	.02	.03	.04	.02	.01		110.00
01:50	.02	.03	.02		.01		120.00
01:55	.01	.01	.02				105.00
02:00	.01	.01	.01			.01	95.00
02:05	.01						86.00
02:10		.01				.01	78.00
02:15	.01					.01	62.00
02:20							50.00
02:25			.01			.01	40.00
02:30	.01	.01	.01	.01	.01		34.00
02:35	.01	.01	.01			.01	31.00
02:40	.01	.01		.01	.01		28.00
02:45	.01	.01	.01	.01	.01		25.00
02:50		.01	.02	.01		.01	22.00
02:55	.01			.01	.01		22.00
03:00	.01	.01	.01	.01	.01		22.00
03:05	.01	.01	.01	.01			22.00
03:10							22.00
03:15	.01	.01	.01	.01			25.00
03:20							25.00
03:25	.01		.01		.01		28.00
03:30							31.00
03:35		.01					31.00
03:40							31.00
03:45							28.00
03:50							25.00
03:55	.01			.01			22.00
04:00							20.00
04:05							17.00
04:10							17.00
04:15							15.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>June 27, 1986</u>							
06:50			0.01				
09:55		0.02					
10:30	0.01						
10:35			.01				
14:55		.01					
15:10			.01				
16:50						0.02	
16:55						.01	
17:10					0.01		
17:15		.01		0.02	.03		
17:20		.07		.09	.06		
17:25		.04	.02	.05	.01		
17:30		.06	.02	.03			
17:35	.01	.10	.05	.04			50.00
17:40		.14	.12	.06	.01		125.00
17:45	.06	.13	.15	.01			177.00
17:50	.07	.03	.08	.01			287.00
17:55	.04						543.00
18:00	.05	.02					543.00
18:05	.12	.01	.03				387.00
18:10	.02	.01					248.00
18:15	.01		.01				110.00
18:20							74.00
18:25							62.00
18:30							50.00
18:35							43.00
18:40							40.00
18:45							34.00
18:50							31.00
18:55							28.00
19:00							25.00
19:05							25.00
19:10							22.00
19:15							20.00
19:20							17.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
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June 27, 1986

19:25							17.00
19:30	0.01						15.00

Total	0.61	1.14	1.05	0.81	0.36	0.10	
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Total storm runoff over watershed = 0.132 inch.

July 16, 1986

12:55						0.04	
13:00						.04	
13:05						.10	
13:15						.03	
13:20						.10	
13:25						.01	
13:30						.01	
13:35						.01	
13:40	0.01	0.03	0.01	0.02	0.01	.01	
13:45	.01	.02	.04	.15	.02		
13:50	.03	.04	.04	.02	.05		
13:55	.03	.06	.05	.02	.01		
14:00	.04	.07	.04	.03	.02		66.00
14:05	.01	.03	.07	.02	.03		125.00
14:10	.01	.01		.01	.02		145.00
14:15		.01	.01				140.00
14:20	.01		.01		.01		130.00
14:25		.01	.01				110.00
14:30	.02			.01			100.00
14:35							90.00
14:40					.01		82.00
14:45							66.00
14:50							54.00
14:55							47.00
15:00			.01				43.00
15:05							37.00
15:10		.01					31.00
15:15							25.00
15:20							20.00
15:25							17.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>July 16, 1986</u>							
15:30							15.00
15:35							15.00
15:45						0.01	
16:00						.01	
16:05						.01	
16:35					0.01		
16:40	0.01	0.01			.01		

Total	0.18	0.30	0.29	0.28	0.20	0.38	
Total storm runoff over watershed = 0.040 inch.							
<u>August 10, 1986</u>							
18:35	0.03	0.04	0.04				
18:40	.08	.11	.08		0.07		
18:45	.11	.07	.04	0.01	.09	0.02	40.00
18:50	.07	.04	.02	.05	.03	.01	58.00
18:55	.05	.02	.02	.05	.01		74.00
19:00	.04	.01	.01	.05			120.00
19:05	.06	.02	.02	.01			172.00
19:10	.03	.03	.01			.01	166.00
19:15	.01	.02		.01			135.00
19:20							110.00
19:25							86.00
19:30							66.00
19:35							50.00
19:40							43.00
19:45	.01						37.00
19:50							31.00
19:55							22.00
20:00							20.00
20:05							17.00
20:10							15.00
20:15							15.00

Total	0.49	0.36	0.24	0.18	0.20	0.04	
Total storm runoff over watershed = 0.038 inch.							

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>August 25, 1986</u>							
19:50	0.02						
19:55	.04		0.01				
20:00	.02	0.08	.02				
20:05	.01	.04					28.00
20:10		.02					34.00
20:15							34.00
20:20		.01	.01				25.00
20:25		.01	.01			0.01	34.00
20:30		.01			0.01	.02	31.00
20:35					.04		25.00
20:40				0.02	.02		70.00
20:45	.04	.02	.02	.11	.01		90.00
20:50	.08	.02	.01	.05		.01	100.00
20:55	.04	.02		.01	.01		105.00
21:00	.01	.01	.01				105.00
21:05	.08	.01	.01				95.00
21:10	.11	.01	.01				90.00
21:15	.03	.05	.08	.01		.01	90.00
21:20	.02	.06	.07		.01		82.00
21:25	.02	.04	.02				82.00
21:30	.08		.02				110.00
21:35		.04	.03	.01	.04	.01	150.00
21:40	.01	.01	.01	.04	.02	.01	212.00
21:45	.01	.01		.12	.01		280.00
21:50	.01			.07			236.00
21:55			.01	.02	.01		115.00
22:00				.01			105.00
22:05							100.00
22:10							70.00
22:15							54.00
22:20		.01		.01			47.00
22:25							40.00
22:30							34.00
22:35							28.00
22:40							22.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
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August 25, 1986

22:45							20.00
22:50							15.00
22:55							15.00

Total	0.64	0.48	0.35	0.48	0.18	0.07	
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Total storm runoff over watershed = 0.082 inch.

September 13, 1986

19:45	0.01	0.15	0.05		0.09	0.14	
19:50	.05	.06	.03		.09	.04	20.00
19:55	.01	.03	.01		.03	.06	58.00
20:00		.01			.01	.01	78.00
20:05							115.00
20:10	.01			0.07			140.00
20:15				.04			115.00
20:20				.04			105.00
20:25				.02		.01	100.00
20:30							90.00
20:35							74.00
20:40							54.00
20:45							47.00
20:50							40.00
20:55							34.00
21:00							28.00
21:05							25.00
21:10							22.00
21:15							20.00
21:20							15.00

Total	0.08	0.25	0.09	0.17	0.22	0.26	
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Total storm runoff over watershed = 0.035 inch.

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>						
03:10	0.01			0.01		
03:15	.01					
03:20		0.01			0.01	
03:25	.01					
03:30		.01	0.01			
03:35		.01				
03:40		.01	.01			
03:45		.02				
03:50		.01		.01	.01	
03:55	.01	.01	.01	.01		
04:00	.01	.01			.02	
04:05	.02	.01	.01	.01	.02	15.00
04:10	.02	.01		.01	.01	15.00
04:15	.02		.01	.01	.01	20.00
04:20	.01	.01		.01	.01	20.00
04:25					.01	15.00
04:30	.01	.01		.01		
04:35					.01	
04:40	.01	.01		.01	.01	
04:45					.01	
04:50					.01	
04:55	.01		.01			
05:00			.01	.01		
05:05	.01					
05:10			.02			
05:15		.01	.01			
05:20			.01	.01		
05:25					.01	
05:30			.01			
05:40	.01					
05:45			.01			
05:50				.01		
05:55			.01		.01	
06:00		.01				
06:10	.01					

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>						
06:15			0.01			
06:30				0.01	0.01	
06:55			.01			
07:15			.01			
08:20	0.01					
08:30	.01					
08:50		0.01				
09:10		.01		.01		
09:15	.01	.01				
09:20		.01				
09:25		.02			.01	
09:30		.02		.01		
09:35	.01	.01			.01	
09:40		.02		.01	.01	
09:45	.01	.01		.02	.01	
09:50	.02	.01		.01	.02	
09:55	.01			.01	.01	22.00
10:00	.02	.01		.02	.02	62.00
10:05	.02	.01		.02	.02	78.00
10:10	.02	.01		.01	.01	74.00
10:15	.01	.01	.01	.01	.01	54.00
10:20		.01			.01	54.00
10:25	.01	.01		.01	.01	50.00
10:30		.01				47.00
10:35	.01	.01		.01	.01	47.00
10:40	.01	.01	.01	.01	.01	50.00
10:45	.01		.01	.02	.01	54.00
10:50	.01	.01			.01	58.00
10:55	.01	.01	.02	.01	.01	58.00
11:00	.02		.02	.01	.01	54.00
11:05	.01		.01	.01	.01	50.00
11:10			.02		.01	47.00
11:15	.01		.02	.01	.01	47.00
11:20		.01		.01		43.00
11:25	.01		.01		.01	40.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>						
11:30			0.01			34.00
11:35	0.01					34.00
11:40		0.01	.01	0.01	0.01	28.00
11:45			.01			25.00
11:50		.01	.01		.01	25.00
11:55			.01			22.00
12:00	.01		.01			22.00
12:05		.01	.01			20.00
12:10			.01		.01	20.00
12:15	.01					17.00
12:20			.01			17.00
12:25			.01			15.00
12:30	.01					15.00
12:35			.01			15.00
12:45		.01				
12:55		.01	.01	.01		
13:00		.01			.01	
13:10	.01			.02	.01	
13:15		.01		.01	.01	
13:20	.01			.01	.01	
13:25		.01	.01			20.00
13:30	.01	.01			.01	25.00
13:35	.01			.01		25.00
13:40		.01				25.00
13:45	.01					25.00
13:50					.01	25.00
13:55	.01			.01	.01	28.00
14:00	.02			.01	.01	28.00
14:05						28.00
14:10			.01	.01		28.00
14:15	.01					28.00
14:20			.01			28.00
14:25			.01			25.00
14:30		.01				22.00
14:35		.01	.01			22.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>						
14:40						20.00
14:45		0.01				17.00
14:50						17.00
14:55			0.01			15.00
15:00	0.01		.01	0.01	0.01	

Total	0.58	0.54	0.49	0.47	0.54	
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Total storm runoff over watershed = 0.054 inch.

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>April 12, 1987</u>					
12:20	0.01				
12:25	.05	0.02	0.06		
12:30	.05	.04	.04		
12:35	.02	.07	.03		
12:40	.01				
12:45	.01	.03	.02		22.00
12:50	.01	.01	.01		50.00
12:55		.01	.01		70.00
13:00				0.01	150.00
13:05				.02	105.00
13:10					95.00
13:15		.01		.02	90.00
13:20				.04	74.00
13:25				.03	58.00
13:30				.02	47.00
13:35					40.00
13:40				.01	34.00
13:45				.01	28.00
13:50					25.00
13:55					20.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>April 12, 1987</u>					
14:00				0.01	15.00
14:10	0.03	0.01	0.02		
14:15	.02	.03	.03		
14:20	.02	.02	.02		
14:25	.02	.02	.02		
14:30					15.00
14:35		.01			20.00
14:40					28.00
14:45					34.00
14:50					47.00
14:55				.02	54.00
15:00				.01	50.00
15:05				.02	47.00
15:10				.01	37.00

Total	0.25	0.28	0.26	0.23	
Total storm runoff over watershed = 0.038 inch.					

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>May 14, 1987</u>				
16:00	0.01	0.02	0.03	
16:05	.01	.03	.03	
16:10	.01	.03	.02	
16:15	.02	.02		
16:20	.01	.03		
16:25	.01	.02		43.00
16:30	.01	.01		100.00
16:35	.01		.01	100.00
16:40		.01		100.00
16:45			.01	100.00
16:50		.01		105.00
16:55	.01			100.00
17:00	.01			105.00
17:05				82.00
17:10				62.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>May 14, 1987</u>				
17:15				54.00
17:20				40.00
17:25				31.00
17:30				28.00
17:35				25.00
17:40				22.00
17:45				17.00
17:50				15.00
<hr/>				
Total	0.11	0.18	0.10	

Total storm runoff over watershed = 0.034 inch.

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>June 7, 1987</u>					
13:10	0.01		0.06		
13:15	.01	0.02	.12		
13:20			.28		
13:25		.01	.14		28.00
13:30			.01		500.00
13:35					517.00
13:40			.04		459.00
13:45			.01		403.00
13:50					335.00
13:55					236.00
14:00					145.00
14:05					105.00
14:10					90.00
14:15					74.00
14:20					58.00
14:25					50.00
14:30					43.00
14:35					37.00
14:40					31.00
14:45				0.02	25.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
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June 7, 1987

14:50				0.01	20.00
14:55		0.01			17.00
15:00					15.00
15:05				.01	
15:25				.02	

Total	0.02	0.04	0.66	0.06	
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Total storm runoff over watershed = 0.09 inch.

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
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July 20, 1987

15:45	0.05		0.04	
15:50	.03		.01	
15:55	.01	0.02	.03	
16:00		.03	.01	135.00
16:05				395.00
16:10	.01			442.00
16:15				365.00
16:20				293.00
16:25				166.00
16:30				105.00
16:35				82.00
16:40				62.00
16:45				47.00
16:50				37.00
16:55				31.00
17:00				25.00
17:05				20.00
17:10				15.00
17:20		.01		

Total	0.10	0.06	0.09	
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Total storm runoff over watershed = 0.06 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>July 21, 1987</u>				
16:35	0.08			
16:40	.03	0.01		
16:45	.02	.10		
16:50	.01	.05		
16:55	.02	.01		
17:00	.01	.01	0.02	
17:05		.01	.15	20.00
17:10			.26	25.00
17:15			.04	31.00
17:20		.01	.06	25.00
17:25			.06	17.00
17:30			.10	47.00
17:35			.14	307.00
17:40			.01	335.00
17:45				293.00
17:50				365.00
17:55				606.00
18:00				492.00
18:05				293.00
18:10				224.00
18:15				166.00
18:20				110.00
18:25				86.00
18:30				62.00
18:35				47.00
18:40				40.00
18:45				34.00
18:50				28.00
18:55				22.00
19:00				17.00
19:05				15.00
19:10				15.00

Total	0.17	0.20	0.84	

Total storm runoff over watershed = 0.11 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
July 24, 1987					
16:40		0.02		0.10	
16:45		.16	0.01	.16	
16:50	0.18	.25	.23	.15	40.00
16:55	.29	.10	.42	.17	267.00
17:00	.18	.02	.10	.06	597.00
17:05	.04	.01	.02	.01	680.00
17:10	.02	.01	.02	.02	615.00
17:15	.02		.01		633.00
17:20	.03	.01	.01		552.00
17:25	.03		.01		395.00
17:30	.01				224.00
17:35	.01	.01			125.00
17:40					90.00
17:45	.01				70.00
17:50	.01				54.00
17:55					43.00
18:00					37.00
18:05					31.00
18:10					25.00
18:15					22.00
18:20					20.00
18:25			.01		17.00
18:30					15.00
18:35	.01				

Total	0.84	0.59	0.84	0.67	

Total storm runoff over watershed = 0.136 inch.

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>August 10, 1987</u>						
17:10					0.01	
17:15					.04	
17:20					.09	
17:25					.10	
17:30					.04	
17:35					.02	
17:40					.01	
17:45					.02	
17:50					.05	
17:55					.03	
18:00					.01	
18:15					.01	
20:55					.01	
21:10				0.02		25.00
21:15				.08		212.00
21:20				.04	.01	350.00
21:25		0.03	0.09	.02		426.00
21:30	0.05	.05	.04	.01		483.00
21:35	.01	.04	.04	.02		509.00
21:40		.16	.07	.03		483.00
21:45	.01	.13	.15	.02		372.00
21:50	.06	.11	.12	.04		293.00
21:55	.10	.08	.11	.05		350.00
22:00	.07	.05	.05	.03	.01	328.00
22:05	.06	.02	.02	.06		200.00
22:10	.02	.03	.03	.04	.01	125.00
22:15	.01	.02	.01			95.00
22:20		.02	.01	.01		74.00
22:25			.01		.01	58.00
22:30		.01				47.00
22:35						40.00
22:40						34.00
22:45						28.00
22:50						25.00
22:55						22.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
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August 10, 1987

23:00						17.00
23:05						17.00

Total	0.39	0.75	0.75	0.47	0.48	
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Total storm runoff over watershed = 0.13 inch.

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
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August 21, 1987

19:10		0.02		0.10	
19:15		.10	0.04	.15	
19:20	0.03	.12	.12	.02	212.00
19:25	.05	.05	.15	.01	570.00
19:30	.10	.04	.05	.01	552.00
19:35	.07	.02	.03	.01	561.00
19:40	.04	.01	.03		492.00
19:45			.01		328.00
19:50			.01		145.00
19:55					95.00
20:00					74.00
20:05					54.00
20:10		.01		.01	43.00
20:15					34.00
20:20					28.00
20:25					25.00
20:30	.01				22.00
20:35					17.00

Total	0.30	0.37	0.44	0.31	
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Total storm runoff over watershed = 0.09 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>August 22, 1987</u>					
14:55			0.02		
15:00			.02		
15:20			.10		
15:25			.07		
15:30			.03		
15:35	0.01		.02		
15:40	.01	0.01	.01		37.00
15:45		.01			110.00
15:50		.01	.01	0.01	105.00
15:55	.01			.11	100.00
16:00				.08	86.00
16:05					70.00
16:10				.01	58.00
16:15					43.00
16:20				.01	37.00
16:25				.02	31.00
16:30					25.00
16:35					22.00
16:40					17.00
16:45				.01	15.00
16:50				.01	

Total	0.03	0.03	0.28	0.26	
Total storm runoff over watershed = 0.02 inch.					

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>August 24-25, 1987</u>					
23:05	0.06	0.07			
23:10	.08	.03	0.13		
23:15	.05	.04	.16	0.08	
23:20	.01	.01	.11	.14	50.00
23:25	.01	.01	.05	.04	105.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>August 24-25, 1987</u>					
23:30			0.01	0.01	166.00
23:35			.01	.01	328.00
23:40		0.01	.01		387.00
23:45		.01	.01		242.00
23:50					166.00
23:55				.01	105.00
24:00			.01		90.00
00:05				.01	78.00
00:10				.01	62.00
00:15					50.00
00:20		.01		.01	47.00
00:25					40.00
00:30					37.00
00:35					31.00
00:40					28.00
00:45					25.00
00:50					25.00
00:55					25.00
01:00					22.00
01:05					22.00
01:10					22.00
01:15					20.00
01:20					17.00
01:25					17.00
01:30					15.00

Total	0.24	0.33	0.50	0.32	
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Total storm runoff over watershed = 0.06 inch.

August 26, 1987

16:35		0.01		
16:40		.08		
16:45	0.01	.16		
16:50	.04	.10		
16:55	.21	.03	0.01	

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Runoff (cubic feet per second)
<u>August 26, 1987</u>					
17:00	0.14	0.01	0.05		20.00
17:05	.17	.02	.12	0.08	43.00
17:10	.03		.14	.12	66.00
17:15	.02		.04	.03	95.00
17:20	.03		.03	.02	261.00
17:25	.01		.01	.01	300.00
17:30			.02		261.00
17:35			.01		335.00
17:40					293.00
17:45					166.00
17:50					100.00
17:55	.01				86.00
18:00					74.00
18:05					54.00
18:10					47.00
18:15					43.00
18:20					37.00
18:25					31.00
18:30					28.00
18:35					25.00
18:40					22.00
18:45					20.00
18:50					20.00
18:55					17.00

Total	0.67	0.41	0.43	0.26	

Total storm runoff over watershed = 0.072 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>					
04:55	0.01				
05:15		0.01			
05:20			0.02		
05:25	.01	.04	.01		
05:30	.02	.01			
05:35	.01				
05:45	.01				
06:00					17.00
06:05					22.00
06:10				0.01	25.00
06:15		.01			22.00
06:20				.01	15.00
06:25				.01	
06:35				.01	
06:50				.01	
06:55				.02	
07:00				.01	
07:05				.02	
07:10				.01	
07:25			.01		
07:35				.01	
07:40		.01		.01	
07:45				.02	
07:50		.02	.01	.02	
07:55	.02	.03	.02	.01	
08:00	.01	.01		.02	
08:05			.02	.03	
08:10	.01			.02	
08:15				.04	
08:20				.04	
08:25		.01		.03	
08:30				.04	22.00
08:35		.01	.01	.02	25.00
08:40	.01	.02	.01	.01	28.00
08:45	.01	.01	.01	.02	31.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>					
08:50	0.01	0.03	0.01		28.00
08:55	.02	.03	.02	0.01	25.00
09:00	.01	.03	.02		25.00
09:05	.02	.03	.02	.01	25.00
09:10	.02	.03	.03	.02	28.00
09:15	.02	.02	.02	.01	43.00
09:20	.02	.03	.03	.01	78.00
09:25	.03	.03	.01	.01	110.00
09:30	.01	.03	.02	.02	125.00
09:35			.01	.02	150.00
09:40		.01	.01	.01	183.00
09:45	.01	.01	.01	.01	224.00
09:50				.01	254.00
09:55			.01	.01	194.00
10:00		.01		.01	125.00
10:05		.01	.01	.02	105.00
10:10	.02	.03	.02	.01	105.00
10:15	.01	.02	.02	.01	100.00
10:20	.01	.02	.01		90.00
10:25		.03	.02		82.00
10:30	.01	.01	.03		82.00
10:35		.01			86.00
10:40	.01	.01	.01	.01	90.00
10:45		.01	.01		100.00
10:50		.01	.01		100.00
10:55	.01	.02	.02		100.00
11:00	.01	.02			100.00
11:05	.01	.01	.01		100.00
11:10			.01		95.00
11:15		.01	.01		90.00
11:20					86.00
11:25					86.00
11:30					82.00
11:35		.01			82.00
11:40					74.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>					
11:45					66.00
11:50					58.00
11:55					50.00
12:00					43.00
12:05	0.01				40.00
12:10					34.00
12:15				0.01	28.00
12:20				.02	25.00
12:25					22.00
12:30					20.00
12:35				.01	17.00
12:40					15.00
12:45					15.00

Total	0.39	0.72	0.54	0.70	
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Total storm runoff over watershed = 0.12 inch.

May 20, 1988

03:35			0.01	0.01	
03:40				.01	
03:45				.02	
03:50				.02	
03:55				.03	
04:00				.03	
04:05				.02	
04:10				.02	
04:15				.01	
04:20				.01	
04:25				.01	
04:30			.01	.02	
04:35				.01	
04:40			.01	.01	
04:45			.01	.01	

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>May 20, 1988</u>					
04:50				0.01	
04:55		0.01	0.02	.02	
05:00		.01	.02	.01	
05:05		.01	.01	.02	
05:10		.01	.01	.01	
05:15	0.01	.01	.03	.02	
05:20		.01	.01	.01	
05:25	.01	.01		.01	
05:30	.01	.02	.02	.01	37.00
05:35		.01	.01		62.00
05:40	.01	.01	.01	.01	70.00
05:45	.01	.01	.01		66.00
05:50	.01	.01	.01	.01	70.00
05:55	.01	.01	.01		70.00
06:00	.01	.01	.01		70.00
06:05	.01	.01	.01	.01	66.00
06:10	.01	.01	.01		70.00
06:15			.01		62.00
06:20	.01	.01	.01		58.00
06:25	.01	.01	.02		58.00
06:30	.01		.01	.01	54.00
06:35	.01	.01			54.00
06:40	.01		.01		54.00
06:45			.01		54.00
06:50	.01				54.00
06:55		.01		.01	54.00
07:00					50.00
07:05	.01			.01	47.00
07:10		.01			43.00
07:15					40.00
07:20					34.00
07:25	.01		.01		34.00
07:30		.01			31.00
07:35					28.00
07:40			.01		25.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 3 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>May 20, 1988</u>					
07:45					25.00
07:50			0.01		22.00
07:55					20.00
08:00		0.01		0.01	17.00
08:05	0.01				17.00
08:10				.01	17.00
08:15					17.00
08:20			.01	.01	17.00
08:25		.01			17.00
08:30				.01	17.00
08:35					17.00
08:40					17.00
08:45					15.00
08:50		.01			15.00
08:55	.01				15.00
09:00					15.00
09:05			.01		

Total	0.20	0.26	0.36	0.46	

Total storm runoff over watershed = 0.05 inch.

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 13-14, 1988</u>							
14:00			0.01	0.01			
14:05				.02	0.03	0.01	
14:10		0.02	.01	.03	.07	.04	
14:15				.01	.02	.03	
14:40							82.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 13-14, 1988</u>							
14:45							70.00
14:50							66.00
14:55							58.00
15:00							37.00
15:05							34.00
15:10							31.00
15:15							25.00
15:20							22.00
15:25							17.00
15:30				0.01			15.00
16:05					0.01		
16:45						0.01	
16:50					.01	.01	
16:55						.01	
17:00					.02		
17:05				.01	.02	.01	
17:15	0.01			.01			
17:20			0.01		.01		
17:30			.01				
17:50							22.00
17:55							25.00
18:00							20.00
18:05							20.00
18:10							15.00
18:30	.01	0.01					
18:35	.01	.01	.01				
18:40	.02	.01	.02				
18:45	.01	.01	.01	.01		.01	
18:55		.01	.01				
19:00	.05	.02	.01	.02	.01		
19:05	.19	.11	.11	.21	.04	.04	47.00
19:10	.01	.06	.06	.17	.05	.07	105.00
19:15	.01	.03	.03	.16	.07	.03	110.00
19:20			.01	.01	.15	.15	357.00
19:25						.02	509.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 13-14, 1988</u>							
19:30						0.01	561.00
19:35							450.00
19:40		0.01					426.00
19:45							242.00
19:50				0.01			140.00
19:55			0.01		0.01		115.00
20:00		.01	.01	.01		.01	105.00
20:05	0.01				.01		95.00
20:10							82.00
20:15							66.00
20:20							62.00
20:25							58.00
20:30							58.00
20:35							58.00
20:40				.01			54.00
20:45							54.00
20:50							50.00
20:55							47.00
21:00							43.00
21:05							43.00
21:10							43.00
21:15							40.00
21:20							40.00
21:25							37.00
21:30							37.00
21:35							37.00
21:40							34.00
21:45							34.00
21:50							34.00
21:55							31.00
22:00							31.00
22:05							31.00
22:10							31.00
22:15							31.00
22:20							31.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 13-14, 1988</u>							
22:25	0.16	0.09	0.08	0.06	0.02		28.00
22:30	.05	.08	.12	.05	.10	0.04	50.00
22:35	.01		.01	.01	.01	.07	105.00
22:40			.01		.01	.01	110.00
22:45		.01					120.00
22:50			.01	.01		.01	120.00
22:55					.01		125.00
23:00							110.00
23:05							110.00
23:10							105.00
23:15			.01				90.00
23:20							78.00
23:25							66.00
23:30							62.00
23:35							58.00
23:40							54.00
23:45							50.00
23:50							47.00
23:55							43.00
24:00		.01					43.00
00:05							40.00
00:10							40.00
00:15							40.00
00:20							37.00
00:25							37.00
00:30							34.00
00:35							34.00
00:40						.01	34.00
00:45							31.00
00:50							31.00

Total	0.55	0.50	0.57	0.84	0.68	0.60	

Total storm runoff over watershed = 0.20 inch.

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>							
02:00					0.01	0.01	
02:55				0.01			
03:15		0.01	0.01				
03:25	0.01		.01	.01			
03:30	.01	.01			.01	.01	
03:35	.01	.01	.01	.01			
03:40	.01	.01	.02	.01	.01	.01	
03:45	.01	.01		.01		.01	
03:50	.01		.01		.01	.01	
03:55		.01					
04:00			.01	.01			
04:05	.01	.01					
04:10			.01		.01	.01	
04:15	.01	.01		.01			
04:20			.01		.01	.01	
04:25	.01	.01	.01		.01		20.00
04:30	.01	.01	.01	.01	.01	.01	31.00
04:35	.01	.01	.01	.01		.01	31.00
04:40	.01	.01	.01	.01	.01	.01	34.00
04:45	.01	.01		.01		.01	34.00
04:50		.01	.01		.01	.01	34.00
04:55	.01	.01	.01	.01	.01	.01	34.00
05:00	.01		.01	.01	.01	.01	47.00
05:05	.01	.01	.01		.01		58.00
05:10	.01	.01		.01	.01	.01	58.00
05:15		.01	.01	.01		.01	58.00
05:20			.01				58.00
05:25	.01					.01	58.00
05:30							58.00
05:35							58.00
05:40							58.00
05:45		.01	.01				58.00
05:50				.01	.01	.01	54.00
05:55	.01	.01	.01				54.00
06:00					.01		50.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>							
06:05	0.01			0.01		0.01	47.00
06:10			0.01				43.00
06:15		0.01					40.00
06:20							40.00
06:25	.01				0.01		37.00
06:30			.01			.01	37.00
06:35							37.00
06:40							37.00
06:45							37.00
06:50							34.00
06:55							34.00
07:00							34.00
07:05							31.00
07:10							28.00
07:15							28.00
07:20							25.00
07:25							22.00
07:30							17.00
07:35							17.00
07:40							15.00
07:45							15.00
07:50							15.00
07:55							15.00
08:35				.01	.01		
08:55		.01					
09:05	.01		.01				
09:20				.01			
09:25	.01		.01		.01		
09:30		.01				.01	
09:35					.01		
09:40			.01				
09:45	.01			.01			37.00
09:50		.01					
09:55						.01	
10:00			.01				

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Continued**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>							
10:40				0.01			
11:30		0.01					
12:10		.02	0.01				
12:15		.01	.01	.01			
12:20	0.01						
12:30			.01				
12:35	.01	.01					
12:45	.01	.01	.01			0.01	
12:55			.01				
13:00	.01	.01					
13:05					0.01		
13:15			.01	.01		.01	
13:20		.01	.01		.01		15.00
13:25				.01		.01	15.00
13:30	.01						15.00
13:35							15.00
13:40							15.00
13:45							15.00
13:50		.01					15.00
13:55			.01				15.00
14:00							15.00
14:05							15.00
14:10	.01		.01	.01	.01		15.00
14:15	.01	.01		.01		.01	15.00
14:20		.01	.01		.01	.01	15.00
14:25	.01	.01	.01	.01	.01	.01	15.00
14:30	.01	.01	.01	.01			15.00
14:35						.01	15.00
14:40							15.00
14:45		.01	.01	.01			17.00
14:50	.01						20.00
14:55			.01		.01	.01	25.00
15:00		.01		.01			31.00
15:05							34.00
15:10					.01	.01	37.00

Table 10.--Rainfall and runoff data for selected storms at Hahn Arroyo--Continued

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>							
15:15							37.00
15:20	0.01	0.01	0.01	0.01			37.00
15:25	.01	.01	.01	.01	0.01		37.00
15:30		.01		.01		0.01	34.00
15:35			.01		.01	.01	34.00
15:40	.01						34.00
15:45							34.00
15:50							34.00
15:55							34.00
16:00							34.00
16:05		.01	.01	.01	.01	.01	34.00
16:10	.01	.01		.01	.01	.01	34.00
16:15			.01	.01	.01	.02	34.00
16:20		.01		.01			31.00
16:25	.01		.01		.01		31.00
16:30		.01				.01	28.00
16:35	.01		.01	.01	.01	.01	28.00
16:40					.01		28.00
16:45		.01				.01	28.00
16:50			.01				34.00
16:55				.01	.01		40.00
17:00	.01	.01	.01	.01	.01	.01	47.00
17:05				.01		.01	47.00
17:10		.01	.01	.01	.01	.01	47.00
17:15	.01	.01	.01		.01		47.00
17:20				.01		.01	43.00
17:25					.01		43.00
17:30							43.00
17:35						.01	43.00
17:40			.01				50.00
17:45							50.00
17:50							50.00
17:55							50.00
18:00							47.00
18:05							43.00

**Table 10.--Rainfall and runoff data for selected
storms at Hahn Arroyo--Concluded**

Time	Gage 5 rainfall (inches)	Gage 4 rainfall (inches)	Gage 3 rainfall (inches)	Gage 22 rainfall (inches)	Gage 23 rainfall (inches)	Gage 1 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>							
18:10							37.00
18:15							34.00
18:20							31.00
18:25							28.00
18:30							25.00
18:35							25.00
18:40							22.00
18:45		0.01					20.00
18:50							17.00
18:55							17.00
19:00							15.00
19:05							15.00
19:10							15.00
19:15							15.00

Total	0.42	0.51	0.53	0.43	0.40	0.45	
Total storm runoff over watershed = 0.11 inch.							

Table 11.—Mean daily discharge, in cubic feet per second, at (08329840) Hahn Arroyo
for calendar years 1984–88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	5.0	0.00	0.11	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	4.4	.00	.47	.00	.00
3	--	--	--	.00	.00	.00	4.9	.00	.00	11	.00	.00
4	--	--	--	.00	.00	.00	.00	1.7	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	6.0	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	9.3	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.00	1.0	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	--	.00	.00	.00	11	.00	.00	.00	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.00	2.6	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.75	.00	--
14	--	--	--	.00	.00	.00	.00	.00	7.1	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.00	.00	24	.00	--
16	--	--	--	.00	.00	.00	.98	.00	.00	.00	.00	--
17	--	--	--	.00	.00	.00	.00	.00	.00	.00	5.7	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	--	.00	.00	6.9	.31	.00	.00	.00	.00	--
20	--	--	--	.00	.00	.00	.00	.00	.00	1.5	.00	--
21	--	--	--	.00	.00	.00	3.1	.00	.00	.26	.00	--
22	--	--	--	.00	.00	.00	.00	21	.00	.00	.00	--
23	--	--	0.00	.00	5.6	.00	.00	8.4	.00	.00	.00	--
24	--	--	.00	.00	.00	6.2	.00	.00	.00	.21	1.0	--
25	--	--	.00	.00	.00	.00	.00	.00	1.5	.00	.00	--
26	--	--	2.7	.00	.00	.00	.00	1.4	18	.86	.00	--
27	--	--	1.4	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.20	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	2.1	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	2.30	5.60	18.10	20.29	53.31	26.60	41.65	6.70	--
Mean	--	--	--	.077	.18	.60	.65	1.72	.89	1.34	.22	--
Maximum	--	--	--	2.1	5.6	6.9	11	21	18	24	5.7	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	4.6	11	36	40	106	53	83	13	--

Table 11.—Mean daily discharge, in cubic feet per second, at (08329840) Hahn Arroyo
for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	4.9	0.00	0.00	3.8	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	1.8	4.3	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	--	.00	.57	.45	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.93	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	6.9	.00	--
10	--	--	.00	.00	.00	.00	.00	3.8	.00	16	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	5.3	.00	--
12	--	--	16	.00	4.1	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.22	.00	.00	.00	.00	1.6	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.90	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	14	13	.00	--
17	--	--	.00	.00	2.8	.00	.00	.00	.00	6.6	.00	--
18	--	--	.00	3.5	.31	.00	.00	.00	3.7	.00	.00	--
19	--	--	1.8	.00	.00	.00	.00	.00	4.0	.00	.00	--
20	--	--	.00	.00	.00	.68	.00	2.7	6.9	.00	.00	--
21	--	--	.00	.00	3.7	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	4.2	.00	.00	1.5	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	6.7	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.16	.00	.00	.00	.00	.00	--
26	--	--	.00	.26	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	24	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.41	.00	.00	1.8	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.89	--	--
Total	--	--	--	32.37	16.60	7.99	5.10	14.60	29.50	51.22	0.00	--
Mean	--	--	--	1.08	.54	.27	.16	.47	.98	1.65	.00	--
Maximum	--	--	--	24	4.9	6.7	1.8	4.3	14	16	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	64	33	16	10	29	59	102	.0	--

Table 11.—Mean daily discharge, in cubic feet per second, at (08329840) Hahn Arroyo
for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	5.2	0.00	0.00	1.6	0.00	0.00	0.00	0.00	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	6.4	--
3	--	--	--	.00	3.9	.00	.00	.00	.00	.00	3.3	--
4	--	--	0.00	.00	.00	.00	4.4	.00	.00	.00	5.1	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	11	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	2.0	.00	--
7	--	--	.00	.00	.00	.00	3.3	.00	.00	.00	.69	--
8	--	--	.00	.00	.00	.00	4.2	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	2.0	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	4.4	.00	1.0	.00	--
11	--	--	.30	.00	.00	.00	.00	.00	.00	12	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.24	.05	4.1	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.46	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	5.8	.00	4.7	.00	.00	.00	.00	--
17	--	--	.00	.00	5.0	4.6	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.77	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.62	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	1.4	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.34	.00	.00	--	--
22	--	--	.00	.00	.00	.00	4.5	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	5.6	.00	.00	--	--
24	--	--	.00	.00	.00	2.1	.00	.00	5.9	.00	--	--
25	--	--	.00	1.4	.00	3.1	.00	9.6	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.00	.00	16	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.35	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.16	2.5	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	6.60	15.21	28.92	27.11	20.45	10.00	26.00	--	--
Mean	--	--	--	.22	.49	.96	.87	.66	.33	.84	--	--
Maximum	--	--	--	5.2	5.8	16	4.7	9.6	5.9	12	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Acre-feet	--	--	--	13	30	57	54	41	20	52	--	--

Table 11.—~~Mean daily discharge, in cubic feet per second, at (08329840) Hahn Arroyo~~
for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.7	0.00
2	--	--	--	.00	.00	.00	.00	5.0	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	.00	.00	.07	.00	.00	2.0	.00	.00	.00	.00
7	--	--	.00	.00	.00	14	.00	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.86	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.07	16	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	5.2	.00	.00	.00	--
12	--	--	.00	4.8	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	3.9	.00	.00	.00	.30	.40	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	4.8	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	7.7	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	13	11	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	7.7	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	1.8	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	16	5.6	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	9.3	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	8.5	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	3.5	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.67	.00	.00	2.7	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	4.80	8.77	14.86	37.44	75.60	0.30	3.10	3.70	--
Mean	--	--	--	.16	.28	.50	1.21	2.44	.010	.10	.12	--
Maximum	--	--	--	4.8	4.8	14	16	16	.30	2.7	3.7	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	9.5	17	29	74	150	.6	6.1	7.3	--

Table 11.—Mean daily discharge, in cubic feet per second, at (08329840) Hahn Arroyo
for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	--	1.1	0.00	0.00	0.00
2	--	--	--	24	.00	.00	3.0	--	.00	.00	.00	.00
3	--	--	--	5.0	.00	.00	.00	--	.00	.00	.00	.00
4	--	--	--	.00	.00	.31	.00	--	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	5.0	--	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
7	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
8	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
9	--	--	0.00	.00	.00	.00	--	3.6	.00	.00	.00	--
10	--	--	.00	.00	.00	9.0	--	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	11	--	.00	3.4	.00	.00	--
12	--	--	.00	.00	.00	2.0	--	.00	11	.00	.00	--
13	--	--	.00	.00	.00	.00	--	.00	23	.00	.00	--
14	--	--	.00	5.5	.00	.00	--	.00	16	.00	.00	--
15	--	--	.00	.00	.00	.00	--	1.4	.13	.00	.00	--
16	--	--	.00	16	.00	8.0	--	.67	.00	.00	.00	--
17	--	--	.00	.00	.17	.00	--	.58	.00	.00	.00	--
18	--	--	.00	.00	2.7	.00	--	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
20	--	--	.00	.00	5.9	.00	--	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	--	.00	13	.00	.00	--
22	--	--	.00	.00	.00	.00	--	.00	12	.00	.00	--
23	--	--	.00	.00	.00	.00	--	.00	.49	.00	.00	--
24	--	--	.00	.00	.00	.00	--	4.7	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	5.0	--	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	2.0	--	4.3	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	--	5.4	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	7.0	--	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	--	.00	--	.00	--	--
<hr/>												
Total	--	--	--	50.50	8.77	44.31	--	--	80.12	0.00	0.00	--
Mean	--	--	--	1.68	.28	1.48	--	--	2.67	.00	.00	--
Maximum	--	--	--	24	5.9	11	--	--	23	.00	.00	--
Minimum	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
Acre-feet	--	--	--	100	17	88	--	--	159	.0	.0	--

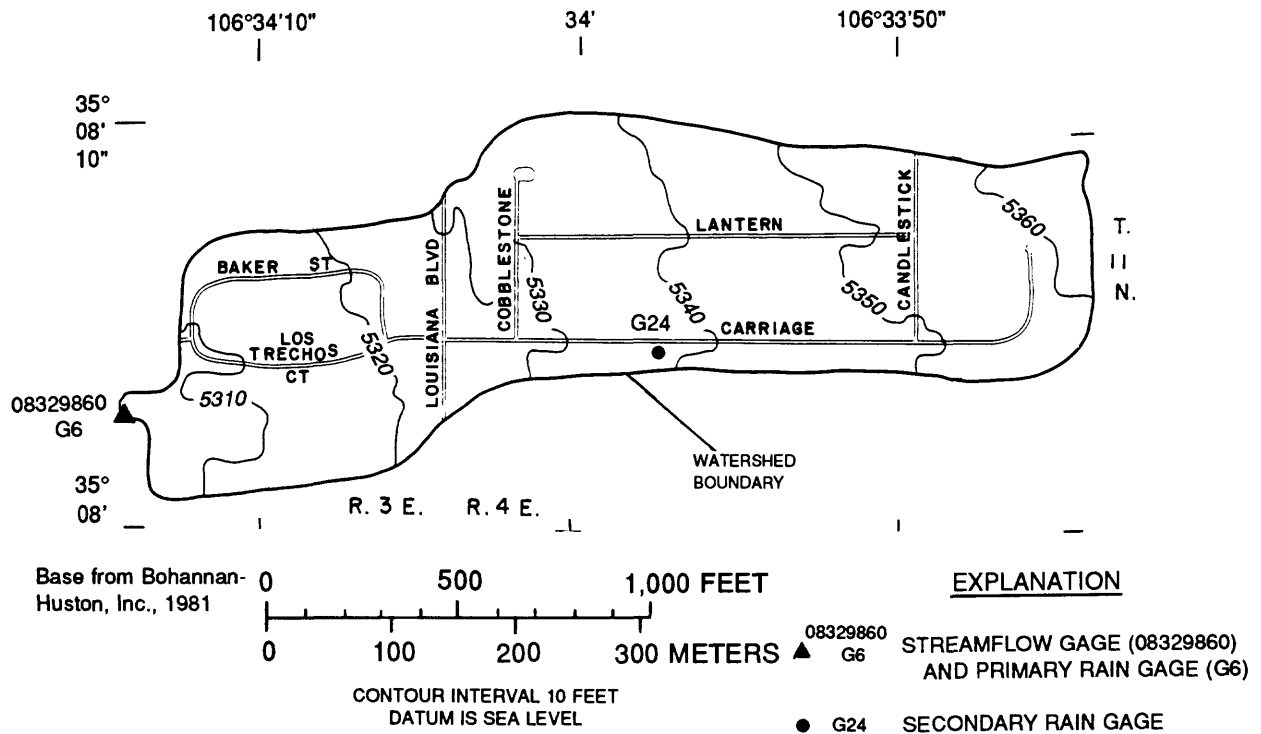


Figure 3.--Watershed for Grant Line Arroyo at Villa del Oso Drain (08329860)
(modified from Fischer and others, 1984, fig. 3).

STATION DESCRIPTION
08329860 GRANT LINE ARROYO AT VILLA DEL OSO DRAIN AT ALBUQUERQUE

LOCATION.--Lat 35°08'04", long 106°34'16", in SE 1/4 SE 1/4 sec. 36, T. 11 N., R. 3 E., Bernalillo County, Hydrologic Unit 13020203, on left bank of rock-lined channel, 60 ft west of northwest corner of apartment parking lot at 4215 Louisiana Boulevard NE in Albuquerque.

DRAINAGE AREA.--0.052 mi² (33.3 acres).

PERIOD OF RECORD.--June 1976 to December 1978, May 1979 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,300 ft, from 7.5-minute topographic map.

RAIN GAGES.--The primary recording rain gage (G6) is at the station. A secondary recording rain gage (G24) is located within the watershed. Figures 1 and 3 show locations. Table 2 lists periods of record.

REMARKS.--Records good. Development within basin is predominantly residential--houses and apartments.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34 ft³/s Aug. 1, 1982, gage height 2.14 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 29 ft³/s, July 24, 1987; no flow most of the time.

Calendar year 1984: Maximum discharge, 0.82 ft³/s Mar. 26, gage height 1.26 ft; no flow most of the time.

Calendar year 1985: Maximum discharge, 6.0 ft³/s Sept. 16, gage height 1.55 ft; no flow most of the time.

Calendar year 1986: Maximum discharge, 22 ft³/s July 22, gage height 1.95 ft; no flow most of the time.

Calendar year 1987: Maximum discharge, 29 ft³/s July 24, gage height 2.07 ft; no flow most of the time.

Calendar year 1988: Maximum discharge, 14 ft³/s Sept. 9, gage height 1.77 ft; no flow most of the time.

Table 12.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain primary gage G6 for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.52	0.00	0.11	0.00	0.09	0.00	0.03
2	--	--	--	.00	.00	.10	.00	.20	.00	.11	.00	.00
3	--	--	--	.00	.00	.00	.26	.00	.00	.59	.00	.03
4	--	--	--	.00	.00	.00	.00	.32	.00	.06	.00	.12
5	--	--	--	.00	.00	.10	.00	.00	.00	.01	.00	.00
6	--	--	--	.00	.00	.00	.00	.31	.00	.00	.00	.04
7	--	--	--	.00	.00	.00	.00	.55	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	--	.00	.00	.00	.04	.00	.00	.00	.00	--
11	--	--	--	.00	.00	.00	.03	.00	.00	.01	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.01	.04	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.04	.00	--
14	--	--	--	.00	.00	.00	.00	.00	.41	.00	.00	--
15	--	--	--	.00	.00	.00	.01	.00	.02	1.28	.00	--
16	--	--	--	.00	.00	.00	.16	.00	.00	.01	.00	--
17	--	--	--	.00	.00	.00	.07	.00	.00	.01	.45	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.01	.08	--
19	--	--	--	.00	.00	.65	.00	.01	.00	.08	.00	--
20	--	--	--	.04	.00	.00	.00	.04	.00	.26	.00	--
21	--	--	--	.00	.00	.00	.11	.01	.00	.10	.00	--
22	--	--	--	.00	.00	.00	.01	.85	.01	.07	.00	--
23	--	--	--	.00	.44	.00	.00	.53	.03	.02	.01	--
24	--	--	0.00	.00	.00	.01	.00	.02	.01	.21	.17	--
25	--	--	.00	.00	.00	.01	.00	.00	.25	.01	.04	--
26	--	--	.41	.31	.00	.06	.00	.16	.79	.12	.00	--
27	--	--	.20	.01	.00	.00	.01	.00	.00	.01	.05	--
28	--	--	.01	.08	.00	.00	.00	.00	.00	.00	.04	--
29	--	--	.00	.09	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.01	.00	--	.00	--	--
Total	--	--	--	0.53	0.44	1.45	0.71	3.12	1.53	3.14	0.84	--

Table 12.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain primary gage G6 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.22	0.00	0.00	0.18	0.00	0.00	0.04	0.00
2	--	--	--	.00	.00	.00	.05	.15	.02	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.09	.09	.00	.00	.00
4	--	--	--	.00	.03	.03	.00	.02	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.01	.00	.00	--
7	--	--	0.00	.00	.00	.00	.00	.05	.00	.13	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.01	.00	.00	--
9	--	--	.00	.00	.00	.02	.00	.00	.00	.22	.00	--
10	--	--	.00	.00	.00	.00	.00	.26	.01	.83	.00	--
11	--	--	.03	.00	.00	.00	.00	.05	.03	.08	.00	--
12	--	--	.69	.00	.15	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.03	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.01	.01	.08	--
15	--	--	.02	.00	.00	.00	.06	.00	.18	.00	.00	--
16	--	--	.00	.00	.00	.00	.02	.00	.53	.47	.00	--
17	--	--	.00	.00	.10	.00	.00	.00	.10	.24	.00	--
18	--	--	.00	.32	.02	.01	.00	.00	.32	.00	.00	--
19	--	--	.17	.00	.00	.00	.04	.00	.21	.00	.00	--
20	--	--	.00	.00	.02	.04	.01	.17	.52	.00	.00	--
21	--	--	.00	.07	.23	.00	.00	.00	.01	.01	.00	--
22	--	--	.00	.29	.00	.00	.02	.00	.01	.00	.00	--
23	--	--	.00	.00	.01	.00	.06	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.40	.00	.00	.00	.00	.00	--
25	--	--	.00	.02	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.13	.00	.00	.00	.00	.00	.00	.03	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	1.18	.00	.00	.07	.21	.03	.00	.00	--
29	--	--	.04	.05	.00	.00	.14	.00	.08	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.05	--
31	--	--	.00	--	.01	--	.00	.00	--	.09	--	--
Total	--	--	--	2.06	0.79	0.50	0.47	1.18	2.17	2.11	0.20	--

Table 12.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain primary gage G6 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.25	0.00	0.00	--	0.00	0.00	0.00	0.00	--
2	--	--	--	.03	.05	.00	0.00	.00	.02	.00	.63	--
3	--	--	--	.00	.27	.03	.00	.02	.00	.12	.25	--
4	--	--	--	.01	.02	.00	.25	.00	.10	.00	.25	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.66	.01	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.16	.00	--
7	--	--	0.00	.00	.00	.00	.37	.00	.00	.00	.07	--
8	--	--	.00	.00	.00	.00	.06	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.16	.00	.02	.14	.04	--
10	--	--	.05	.00	.00	.00	.00	.22	.01	.49	.02	--
11	--	--	.08	.00	.00	.00	.00	.00	.00	.15	.00	--
12	--	--	.01	.00	.00	.00	.00	.00	.00	.13	.00	--
13	--	--	.01	.00	.00	.00	.08	.08	.20	.00	.11	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.01	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.43	.00	.35	.00	.08	.00	.00	--
17	--	--	.02	.01	.34	.44	.01	.01	.00	.00	.00	--
18	--	--	.04	.00	.00	.08	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.04	.05	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.12	.00	.00	.04	--	--
21	--	--	.00	.00	.00	.00	.01	.02	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.84	.04	.00	.00	--	--
23	--	--	.00	.02	.00	.00	.04	.31	.09	.00	--	--
24	--	--	.00	.08	.00	.41	.00	.00	.26	.00	--	--
25	--	--	.00	.17	.00	.30	.00	.36	.00	.00	--	--
26	--	--	.00	.00	.00	--	.03	.01	.00	.00	--	--
27	--	--	.00	.00	.00	--	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	--	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.07	--	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.06	--	.00	.00	.00	.00	--	--
31	--	--	.00	--	.03	--	.00	.00	--	.00	--	--
Total	--	--	--	0.57	1.27	--	2.39	1.07	0.78	1.89	--	--

Table 12.--Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain primary gage G6 for calendar years 1984-88--Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.25	0.00
2	--	--	--	.00	.00	.00	.00	.04	.02	.00	.01	.00
3	--	--	--	.00	.00	.00	.00	.02	.00	.00	.00	.00
4	--	--	--	.53	.00	.00	.00	.05	.00	.00	.00	.00
5	--	--	0.00	.03	.03	.00	.00	.01	.00	.00	.01	.00
6	--	--	.00	.00	.04	.00	.00	.21	.00	.00	.01	.00
7	--	--	.00	.00	.01	.07	.00	.01	.00	.00	.00	.00
8	--	--	.00	.00	.01	.08	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.01	.00	.00	.02	.00	.00	--
10	--	--	.00	.01	.00	.01	.00	.87	.01	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.51	.00	.00	.00	--
12	--	--	.00	.32	.00	.00	.00	.01	.00	.00	.00	--
13	--	--	.00	.01	.01	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.01	.22	.00	.00	.00	.02	.18	.00	--
15	--	--	.00	.01	.01	.00	.00	.00	.00	.00	.11	--
16	--	--	.00	.00	.35	.00	.02	.00	.00	.00	.07	--
17	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.00	--
18	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.02	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.02	.00	.05	.00	.00	.00	.00	--
21	--	--	.00	.00	.03	.00	.15	.67	.00	.00	.00	--
22	--	--	.00	.00	.02	.00	.01	.34	.00	.00	.00	--
23	--	--	.00	.00	.01	.00	.00	.04	.00	.01	.00	--
24	--	--	.00	.00	.03	.00	1.08	.50	.00	.01	.00	--
25	--	--	.00	.00	.00	.00	.01	.51	.03	.01	.00	--
26	--	--	.00	.00	.00	.00	.01	.69	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.30	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.04	.01	.01	.00	.00	--
29	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.00	--
30	--	--	.00	.02	.00	.00	.01	.02	.00	.33	.00	--
31	--	--	.00	--	.01	--	.00	.05	--	.07	--	--
Total	--	--	--	0.95	0.83	0.17	1.40	4.87	0.12	0.61	0.46	--

Table 12.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain primary gage G6 for calendar years 1984-88—Concluded.

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.68	0.00	0.02	0.02	0.01	0.09	0.00	0.00	0.00
2	--	--	--	.02	.00	.03	.21	.01	.04	.00	.00	.00
3	--	--	--	.00	.00	--	.02	.01	.01	.00	.00	.00
4	--	--	--	.01	.00	--	.02	.02	.01	.00	.00	.00
5	--	--	--	.00	.00	--	.17	.01	.01	.05	.00	.00
6	--	--	--	.00	.00	--	.02	.00	.01	.17	.00	--
7	--	--	--	.00	.00	--	.01	.00	.01	.11	.00	--
8	--	--	--	.00	.00	--	.78	.00	.00	.00	.01	--
9	--	--	--	.00	.00	.00	1.38	.33	.00	.00	.00	--
10	--	--	0.00	.00	.01	.48	.03	.01	.00	.00	.01	--
11	--	--	.00	.00	.00	.37	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.02	.01	.00	.00	.00	.00	--
13	--	--	.00	.01	.00	.01	.01	.00	.00	.00	.00	--
14	--	--	.03	.36	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.01	.01	.01	.00	.17	.00	.00	.00	--
16	--	--	.00	.85	.01	.19	.01	.03	.00	.00	.03	--
17	--	--	.00	.00	.00	.01	.42	.24	.00	.00	.02	--
18	--	--	.03	.00	.19	.00	.02	.07	.00	.00	.00	--
19	--	--	.00	.00	.04	.00	.07	.01	.00	.00	.03	--
20	--	--	.00	.00	.33	.00	.01	.02	.00	.00	.01	--
21	--	--	.00	.00	.00	.01	.00	.01	.00	.02	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.02	.00	.00	.01	.00	.00	.00	--
24	--	--	.00	.01	.00	.01	.00	.14	.00	.00	.00	--
25	--	--	.00	.01	.03	.28	.02	.05	.00	.00	.00	--
26	--	--	.00	.00	.02	.28	.02	.03	.00	.00	.11	--
27	--	--	.01	.00	.00	.12	.06	.23	.00	.00	.00	--
28	--	--	.00	.02	.00	.03	.38	.26	.00	.00	.00	--
29	--	--	.01	.02	.00	.00	.08	.07	.00	.00	.00	--
30	--	--	.00	.00	.00	.52	.03	.03	.00	.00	.00	--
31	--	--	.16	--	.00	--	.00	.02	--	.00	--	--
Total	--	--	--	2.00	0.66	--	3.80	1.79	0.18	0.35	0.22	--

Table 13.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain secondary gage G24 for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	0.65	0.00	0.12	0.00	0.06	0.00	0.00
2	--	--	--	--	--	.07	.00	.29	.00	.11	.00	.00
3	--	--	--	--	--	.01	.25	.00	.00	.59	.00	.00
4	--	--	--	--	--	.00	.00	.34	.00	.08	.00	.10
5	--	--	--	--	--	.10	.00	.01	.00	.00	.00	.02
6	--	--	--	--	--	.00	.00	.35	.00	.00	.00	.00
7	--	--	--	--	--	.00	.00	.58	.00	.00	.00	.00
8	--	--	--	--	--	.00	.00	.00	.00	.00	.00	.00
9	--	--	--	--	--	.00	.00	.00	.00	.00	.00	.00
10	--	--	--	--	--	.00	.05	.00	.00	.00	.00	.00
11	--	--	--	--	--	.00	.11	.00	.02	.00	.00	.11
12	--	--	--	--	--	.00	.00	.00	.00	.07	.00	.44
13	--	--	--	--	--	.00	.01	.00	.00	.04	.00	.41
14	--	--	--	--	--	.00	.00	.00	.40	.00	.00	.00
15	--	--	--	--	--	.00	.00	.00	.02	1.29	.00	.00
16	--	--	--	--	--	.00	.21	.00	.00	.00	.00	.00
17	--	--	--	--	--	.00	.07	.00	.00	.01	.32	.00
18	--	--	--	--	--	.00	.00	.00	.00	.01	.09	.13
19	--	--	--	--	--	.60	.00	.01	.00	.07	.00	.11
20	--	--	--	--	--	.00	.00	.03	.00	.21	.00	.31
21	--	--	--	--	--	.00	.23	.02	.01	.11	.00	.00
22	--	--	--	--	--	.00	.00	.80	.00	.07	.00	.00
23	--	--	--	--	0.54	.00	.00	.67	.04	.02	.01	.00
24	--	--	--	--	--	.35	.00	.00	.00	.22	.16	.00
25	--	--	--	--	.00	.02	.00	.00	.25	.00	.05	.00
26	--	--	--	--	.00	.06	.00	.14	.82	.15	.00	.00
27	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	.12
28	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	.19
29	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	.03
30	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00
31	--	--	--	--	.00	--	.00	.00	--	.00	--	.00
Total	--	--	--	--	--	1.86	0.93	3.36	1.56	3.11	0.63	1.97

Table 13.--Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain secondary gage G24 for calendar years 1984-88--Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.22	0.00	0.00	0.02	0.00
2	.00	.00	.00	.00	.00	.00	.11	.21	.04	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.07	.14	.00	.00	.00
4	.00	.10	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.03	.00	.13	.00	.00
8	.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.05	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.27	.00	.83	.00	.09
11	.00	.00	.03	.00	.00	.00	.00	.03	.03	.07	.00	.01
12	.00	.00	.67	.00	.15	.00	.02	.00	.00	.00	.00	.00
13	.10	.00	.00	.00	.01	.00	.00	.00	.00	.05	.00	.00
14	.02	.00	.00	.00	.00	.00	.00	.00	.01	.00	.07	.00
15	.00	.00	.02	.00	.00	.01	.06	.00	.21	.00	.00	.00
16	.05	.00	.01	.00	.00	.00	.00	.00	.63	.46	.00	.00
17	.00	.00	.00	.00	.19	.00	.00	.00	.07	.24	.00	.00
18	.00	.00	.00	.23	.01	.02	.01	.00	.30	.00	.00	.00
19	.00	.00	.18	.00	.00	.01	.02	.00	.20	.00	.00	.00
20	.00	.01	.00	.00	.01	.00	.02	.17	.34	.00	.00	.00
21	.00	.00	.00	.08	.23	.00	.00	.00	.00	.02	.00	.00
22	.00	.18	.00	.30	.00	.00	.11	.00	.00	.00	.00	.00
23	.06	.07	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00
24	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.01	.07	.00	.00	.00	.00	.00	.00
26	.06	.00	.00	.17	.00	.00	.00	.00	.00	.00	.03	.00
27	.07	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00
28	.00	.15	.00	1.10	.00	.00	.08	.21	.03	.00	.00	.00
29	.00	--	.07	.03	.00	.00	.16	.00	.05	.00	.00	.00
30	.00	--	.00	.00	.01	.00	.00	.00	.00	.00	.04	.00
31	.01	--	.00	--	.00	--	.00	.00	--	.07	--	.07
Total	0.56	0.56	0.98	1.91	0.88	0.11	0.65	1.23	2.05	2.15	0.16	0.17

Table 13.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain secondary gage G24 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.25	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
2	.00	.00	.00	.03	.05	.00	.00	.01	.02	.00	.57	.00
3	.00	.00	.00	.00	.27	.03	.00	.03	.00	.10	.21	.00
4	.00	.00	.00	.00	.00	.00	.27	.00	.09	.00	.22	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.50	.00	.00
6	.02	.01	.00	.00	.00	.00	.00	.00	.00	.28	.00	.18
7	.07	.00	.00	.00	.00	.00	.37	.00	.00	.00	.06	.07
8	.00	.01	.00	.00	.00	.00	.07	.00	.00	.00	.00	.16
9	.00	.00	.00	.00	.01	.00	.16	.00	.02	.15	.00	.00
10	.00	.07	.05	.00	.00	.00	.00	.26	.01	.48	.00	.00
11	.00	.06	.07	.00	.00	.00	.00	.00	.00	.14	.00	.00
12	.00	.39	.00	.01	.00	.00	.00	.00	.00	.12	.00	.00
13	.00	.05	.01	.00	.00	.00	.15	.08	.20	.00	.02	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.09	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
16	.00	.00	.00	.02	.42	.00	.42	.00	.08	.00	.00	.00
17	.00	.00	.03	.00	.35	.22	.00	.04	.00	.00	.00	.00
18	.00	.00	.04	.00	.00	.07	.01	.00	.00	.00	.00	.02
19	.00	.00	.00	.00	.00	.07	.05	.00	.00	.00	.16	.00
20	.00	.00	.00	.00	.00	.00	.12	.00	.00	.04	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.60	.02	.01	.00	.15	.00
23	.00	.00	.00	.02	.00	.00	.01	.26	.09	.00	.08	.00
24	.00	.00	.00	.06	.00	.41	.00	.00	.26	.00	.00	.01
25	.00	.00	.00	.16	.00	.31	.00	.38	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.59	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	--	.00	.00	.07	.06	.00	.00	.00	.00	.00	.00
30	.00	--	.01	.00	.07	.35	.00	.00	.00	.00	.00	.00
31	.00	--	.00	--	.03	--	.04	.00	--	.00	--	.00
Total	0.09	0.68	0.21	0.55	1.27	2.14	2.35	1.09	0.78	1.81	1.47	0.44

Table 13.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain secondary gage G24 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	--	--	--	--	--	--	--	--
2	.00	.01	.00	.08	--	--	--	--	--	--	--	--
3	.00	.00	.00	.41	--	--	--	--	--	--	--	--
4	.00	.00	.08	.31	--	--	--	--	--	--	--	--
5	.00	.00	.02	.00	--	--	--	--	--	--	--	--
6	.00	.00	.00	.00	--	--	--	--	--	--	--	--
7	.00	.00	.00	--	--	--	--	--	--	--	--	--
8	.00	.00	.00	--	--	--	--	--	--	--	--	--
9	.00	.00	.00	--	--	--	--	--	--	--	--	--
10	.00	.00	.00	--	--	--	--	--	--	--	--	--
11	.00	.00	.00	--	--	--	--	--	--	--	--	--
12	.00	.05	.00	--	--	--	--	--	--	--	--	--
13	.00	.00	.00	--	--	--	--	--	--	--	--	--
14	.00	.00	.00	--	--	--	--	--	--	--	--	--
15	.00	.00	.00	--	--	--	--	--	--	--	--	--
16	.00	.00	.00	--	--	--	--	--	--	--	--	--
17	.00	.00	.00	--	--	--	--	--	--	--	--	--
18	.00	.05	.00	--	--	--	--	--	--	--	--	--
19	.00	.00	.02	--	--	--	--	--	--	--	--	--
20	.00	.00	.00	--	--	--	--	--	--	--	--	--
21	.00	.00	.00	--	--	--	--	--	--	--	--	--
22	.04	.00	.02	--	--	--	--	--	--	--	--	--
23	.00	.00	.00	--	--	--	--	--	--	--	--	--
24	.12	.00	.00	--	--	--	--	--	--	--	--	--
25	.08	.00	.00	--	--	--	--	--	--	--	--	--
26	.00	.08	.00	--	--	--	--	--	--	--	--	--
27	.00	.00	.00	--	--	--	--	--	--	--	--	--
28	.00	.00	.00	--	--	--	--	--	--	--	--	--
29	.00	--	.00	--	--	--	--	--	--	--	--	--
30	.00	--	.00	--	--	--	--	--	--	--	--	--
31	.13	--	.00	--	--	--	--	--	--	--	--	--
Total	0.37	0.19	0.14	--	--	--	--	--	--	--	--	--

Table 13.—Daily rainfall, in inches, at Grant Line Arroyo at Villa del Oso
Drain secondary gage G24 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.08	0.00	0.00	0.58	0.00	0.07	0.00	0.00	0.00
2	.00	.01	.00	.41	.00	.00	.00	.00	.02	.00	.00	.00
3	.00	.00	.08	.00	.00	.00	.17	.00	.00	.00	.00	.00
4	.00	.00	.02	.00	.00	.00	.01	.00	.00	.03	.00	.00
5	.00	.00	.00	.00	.00	.08	.00	.00	.00	.02	.00	.00
6	.00	.00	.00	.00	.00	.03	.17	.00	.00	.07	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.67	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.05	1.43	.14	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.63	.00	.00	.13	.00	.00	.00
12	.00	.00	.00	.00	.00	.36	.00	.00	.11	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.57	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00
16	.00	.00	.00	.16	.00	.02	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.10	.00	.08	.00	.00	.00	.00	.00	.00
18	.00	.00	.02	.01	.02	.00	.27	.05	.00	.00	.00	.00
19	.00	.00	.00	.00	.22	.00	.01	.00	.00	.00	.02	.00
20	.00	.00	.00	.00	.32	.00	.06	.00	.01	.00	.00	.00
21	.00	.00	.00	.00	.06	.00	.00	.00	.27	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.54	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.07	.00	.15	.00	.00	.00	.00
25	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00
26	.00	.00	.00	.00	.02	.29	.00	.02	.00	.00	.03	.00
27	.00	.00	.00	.00	.00	.29	.00	.21	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.13	.06	.24	.00	.00	.00	.00
29	.00	.00	.00	.02	.01	.00	.23	.04	.00	.00	.00	.00
30	.00	--	.00	.00	.00	.00	.07	.01	.00	.00	.00	.00
31	.00	--	.00	--	.00	--	.00	.01	--	.00	--	.00
Total	0.00	0.01	0.12	1.16	0.65	2.03	3.73	0.88	1.74	0.15	0.05	0.00

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
05:35			0.04
05:40			.05
05:45			.06
05:50			.06
05:55			.07
06:00			.07
06:05			.07
06:10			.07
06:15			.06
06:20			.06
06:25			.06
06:30			.05
06:35			.05
06:40			.05
06:45			.05
06:50	0.01		.05
06:55		0.01	.05
07:00			.04
07:05			.04
07:10	.01	.01	.04
07:15			.04
07:20			.04
07:25			.04
07:30			.04
07:35			.04
07:40			.04
07:45			.04
07:50			.04
07:55			.07
08:00			.12
08:05			.14
08:10			.14
08:15			.12
08:20			.12
08:25			.18

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
08:30			0.20
08:35			.20
08:40			.20
08:45			.20
08:50			.20
08:55			.20
09:00			.18
09:05			.18
09:10			.16
09:15			.14
09:20	0.01	0.01	.12
09:25		.01	.12
09:30	.01	.01	.10
09:35	.01		.09
09:40		.01	.09
09:45	.01		.08
09:50			.08
09:55			.08
10:00			.08
10:05	.01		.09
10:10		.01	.09
10:15	.01		.09
10:20			.10
10:25			.12
10:30			.12
10:35			.12
10:40			.12
10:45		.01	.12
10:50			.10
10:55	.01		.10
11:00			.09
11:05			.09
11:10			.14
11:15			.47
11:20			1.00

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
11:25			2.20
11:30		0.01	3.70
11:35			3.70
11:40	0.01	.01	3.10
11:45			2.60
11:50			1.90
11:55			1.40
12:00	.01	.01	1.10
12:05			.91
12:10			.82
12:15			.82
12:20			.91
12:25			1.00
12:30			1.00
12:35			1.00
12:40			1.00
12:45	.01	.01	1.00
12:50	.02	.03	1.00
12:55	.03	.02	1.20
13:00	.05	.04	1.50
13:05	.04	.04	1.90
13:10	.04	.05	1.90
13:15	.02	.03	1.50
13:20	.02	.02	1.10
13:25	.01	.01	.67
13:30	.01		.47
13:35	.01		.32
13:40	.01	.01	.24
13:45	.01	.01	.18
13:50	.01	.02	.16
13:55	.02	.01	.12
14:00	.01	.02	.10
14:05	.01	.01	.09
14:10		.01	.09
14:15	.01	.01	.08

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
14:20	0.01	0.02	0.08
14:25	.02	.01	.07
14:30	.02	.02	.07
14:35	.02	.02	.07
14:40	.03	.03	.06
14:45	.01	.01	.06
14:50	.01	.01	.06
14:55	.01		.05
15:00			.05
15:05			.05
15:10			.05
15:15			.05
15:20			.05
15:25			.05
15:30			.04
15:35			.04
15:40			.04
15:45			.04
15:50			.04
15:55			.04
16:00			.04
16:05			.04
16:10			.04
16:15			.04
16:20			.04
16:25			.04
16:30			.04

Total	0.58	0.58	

Total storm runoff over watershed = 0.12
inch.

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
07:45			0.12
07:50			.18
07:55			.24
08:00			.53
08:05			.82
08:10			1.20
08:15			1.20
08:20			1.20
08:25			1.10
08:30			.82
08:35			.82
08:40			.82
08:45			1.00
08:50			1.20
08:55			1.50
09:00			1.50
09:05			1.70
09:10			1.70
09:15			1.70
09:20			1.50
09:25			1.40
09:30			1.40
09:35			1.10
09:40			.82
09:45			.82
09:50			.59
09:55			.67
10:00			1.10
10:05			1.10
10:10			1.20

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
10:15			1.20
10:20			1.40
10:25			1.40
10:30			1.30
10:35			1.00
10:40			1.00
10:45			1.10
10:50			1.20
10:55			1.20
11:00			1.30
11:05			1.40
11:10			1.50
11:15			1.50
11:20			1.50
11:25			1.50
11:30			1.70
11:35			1.90
11:40			2.10
11:45			2.10
11:50			1.90
11:55			1.50
12:00			1.30
12:05			1.10
12:10			1.00
12:15	0.01	0.01	1.00
12:20	.01	.01	.91
12:25	.01	.01	.82
12:30		.01	.82
12:35	.01	.01	1.00
12:40	.02	.01	1.10
12:45	.02	.01	.91
12:50	.02	.02	.67
12:55	.02	.02	.47
13:00	.02	.02	.36
13:05	.02	.03	.27

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
13:10	0.03	0.03	0.20
13:15	.01	.02	.20
13:20			.20
13:25	.02	.01	.20
13:30	.03	.01	.20
13:35	.02	.03	.20
13:40	.03	.03	.20
13:45	.02	.02	.18
13:50	.03	.03	.16
13:55	.02	.03	.14
14:00	.03	.02	.12
14:05	.01	.02	.09
14:10	.02	.02	.09
14:15	.03	.02	.08
14:20	.02	.02	.07
14:25	.01	.02	.06
14:30	.01	.01	.06
14:35	.02		.05
14:40	.01	.01	.04
14:45	.01	.01	.03
14:50	.04	.01	.03
14:55	.02	.05	.02
15:00	.01	.01	.02
15:05	.02	.02	.02
15:10	.04	.02	.02
15:15	.01	.03	.01
15:20	.02	.01	.01
15:25		.01	.01
15:30	.03	.02	.01
15:35	.02	.03	.01
15:40	.01	.02	.01
15:45	.02	.02	.01
15:50	.03	.02	
15:55	.02	.02	
16:00	.02	.02	

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
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October 15, 1984

16:05	0.03	0.03
16:10	.02	.02
16:15	.02	.02
16:20	.03	.02
16:25	.03	.04
16:30	.02	.01
16:35	.03	.04
16:40	.02	.02
16:45	.02	.03
16:50	.01	.01
16:55	.01	.02
17:00	.02	.01
17:05	.02	.02
17:10		.02
17:15	.01	.01
17:20	.02	.01
17:25	.01	.03
17:30	.02	.02
17:35	.02	.02

Total	1.21	1.23
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Total storm runoff over watershed = 0.112
inch.

March 12, 1985

01:25		0.16
01:30	0.01	.20
01:35	.01	.20
01:40		.20
01:45		.27
01:50		.27
01:55		.24
02:00		.18
02:05		.18
02:10	.01	.14

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
02:15		0.01	0.14
02:20		.01	.12
02:25			.10
02:30		.01	.10
02:35			.09
02:40			.09
02:45	0.01		.09
02:50			.08
02:55			.08
03:00			.08
03:05			.08
03:10		.01	.08
03:15			.08
03:20			.08
03:25			.08
03:30			.08
03:35	.01		.09
03:40			.12
03:45	.01		.12
03:50			.16
03:55	.01		.24
04:00	.01		.32
04:05			.32
04:10	.01		.32
04:15			.36
04:20	.01		.41
04:25	.01	.01	.47
04:30	.01		.53
04:35	.01	.01	.59
04:40	.01		.67
04:45	.01		.67
04:50	.01	.01	.67
04:55	.01	.01	.67
05:00	.01		.67
05:05		.01	.59

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
05:10	0.01		0.47
05:15		0.01	.47
05:20	.01	.01	.41
05:25		.01	.41
05:30	.01	.01	.41
05:35	.01	.01	.41
05:40	.01	.01	.41
05:45	.01	.01	.53
05:50	.01	.01	.59
05:55	.01	.01	.59
06:00			.59
06:05	.01	.01	.59
06:10	.01		.53
06:15			.53
06:20	.01		.47
06:25	.01	.01	.47
06:30	.01	.01	.47
06:35		.01	.53
06:40	.01	.01	.53
06:45	.01	.01	.59
06:50	.01	.01	.59
06:55			.59
07:00	.01	.01	.59
07:05			.59
07:10	.01	.01	.47
07:15		.01	.36
07:20		.01	.36
07:25		.01	.27
07:30		.01	.27
07:35	.01		.20
07:40	.01	.01	.20
07:45	.01	.01	.24
07:50	.01	.01	.27
07:55			.36
08:00	.01		.47

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
08:05	0.01		0.47
08:10	.01		.47
08:15		0.01	.47
08:20	.01		.47
08:25			.47
08:30	.01	.01	.47
08:35	.01	.01	.47
08:40			.47
08:45	.01	.01	.47
08:50		.01	.47
08:55		.01	.41
09:00	.01		.36
09:05		.01	.27
09:10		.01	.27
09:15	.01		.27
09:20	.01	.01	.27
09:25		.01	.27
09:30	.01		.27
09:35		.01	.36
09:40	.01		.36
09:45			.36
09:50	.01		.36
09:55			.36
10:00	.01	.01	.36
10:05			.36
10:10	.01	.01	.36
10:15			.32
10:20			.32
10:25	.01		.32
10:30		.01	.32
10:35	.01		.32
10:40		.01	.32
10:45	.01		.32
10:50		.01	.32
10:55	.01		.32

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
11:00		0.01	0.32
11:05			.32
11:10	0.01		.32
11:15		.01	.32
11:20			.27
11:25			.27
11:30	.01		.20
11:35		.01	.20
11:40			.18
11:45		.01	.16
11:50			.14
11:55		.01	.12
12:00			.10
12:05			.10
12:10			.09
12:15			.08
12:20		.01	.07
12:25			.07
12:30			.06
12:35			.06
12:40			.06
12:45			.05
12:50			.05
12:55			.05
13:00			.04
13:05			.04
13:10			.04
13:15			.04
13:20			.04
13:25	.01		.04
13:30			.08
13:35	.01		.20
13:40	.02		.36
13:45			.36
13:50	.01		.82

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
13:55			0.59
14:00			.41
14:05			.32
14:10			.27
14:15			.20
14:20		0.01	.18
14:25			.16
14:30		.01	.14
14:35		.03	.12
14:40			.10
14:45			.09
14:50		.01	.08

Total 0.66 0.64

Total storm runoff over watershed = 0.12
inch.

<u>April 28, 1985</u>			
04:05	0.03		1.10
04:10	.05		2.40
04:15	.02		2.40
04:20	.02		1.90
04:25	.04		1.90
04:30	.03		2.40
04:35	.03		2.40
04:40	.02		2.40
04:45	.03		2.20
04:50	.03	0.02	2.10
04:55	.04	.03	2.10
05:00	.04	.03	2.10
05:05	.03	.03	2.40
05:10	.02	.03	2.60
05:15	.02	.02	2.10

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>			
05:20	0.01	0.04	1.80
05:25	.01	.02	1.40
05:30	.01	.03	1.20
05:35	.01	.02	.82
05:40	.01	.03	.82
05:45		.03	.82
05:50	.01	.03	.67
05:55		.02	.47
06:00		.04	.47
06:05		.03	.32
06:10	.01	.02	.32
06:15		.01	.27
06:20	.01	.01	.20
06:25		.01	.20
06:30		.01	.20
06:35			.20
06:40		.01	.18
06:45			.18
06:50		.01	.18
06:55			.18
07:00			.14
07:05			.10
07:10		.01	.10
07:15			.10
07:20	.01	.01	.09
07:25			.08
07:30			.08
07:35			.07
07:40			.07
07:45	.01		.07
07:50	.01		.07
07:55	.01		.12
08:00	.02		.32
08:05	.02		.41
08:10	.01		1.00

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>			
08:15	0.01		1.00
08:20			1.00
08:25			.74
08:30	.01	0.01	.59
08:35	.01		.47
08:40	.01		.47
08:45	.01	.01	.47
08:50	.01	.01	.47
08:55	.02	.02	.74
09:00	.01	.02	.91
09:05	.01	.02	1.10
09:10	.01	.01	1.10
09:15			.82
09:20			.82
09:25		.01	.53
09:30	.01		.53
09:35		.01	.41
09:40	.02	.01	.36
09:45	.02	.01	.53
09:50	.02	.02	.67
09:55		.01	.91
10:00		.02	1.00
10:05	.01		.74
10:10		.01	.53
10:15			.41
10:20			.27
10:25		.01	.24
10:30	.01	.01	.20
10:35		.01	.18
10:40	.01	.02	.18
10:45	.01	.01	.18
10:50		.01	.32
10:55	.03		.53
11:00	.01		.74
11:05	.01		.91

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>			
11:10	0.01		1.00
11:15	.01		1.00
11:20			.67
11:25	.01	0.01	.67
11:30	.01	.01	.67
11:35	.02		.67
11:40	.01	.01	.82
11:45	.01	.01	1.10
11:50	.01	.01	1.10
11:55	.01	.03	1.10
12:00		.02	.82
12:05	.01		.59
12:10		.01	.59
12:15			.41
12:20		.01	.41
12:25		.01	.32
12:30			.24
12:35		.02	.16
12:40		.01	.16
12:45	.01	.01	.14
12:50	.01	.01	.14
12:55		.01	.14
13:00	.01		.20
13:05			.20
13:10			.20
13:15			.27
13:20			.27
13:25			.27
13:30			.18
13:35			.18

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>			
13:40	0.01	0.01	0.14
13:45			.14
13:50		.01	.12
13:55		.01	.10
14:00			.08

Total	1.10	1.04	
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Total storm runoff over watershed = 0.21
inch.

<u>September 15, 1985</u>			
05:40		0.01	
05:45			
05:50		.01	
05:55	0.02	.02	
06:00	.01	.03	
06:05	.01		0.36
06:10	.01	.01	.27
06:15			.27
06:20	.01	.03	.41
06:25		.01	.53
06:30			.53
06:35			.53
06:40			.53
06:45			.41
06:50			.32
06:55			.24
07:00			.16
07:05			.12
07:10	.01		.10
07:15		.01	.08
07:20			.07
07:25			.07
07:30			.06
07:35			.06
07:40			.05

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>September 15, 1985</u>			
07:45			0.05
07:50			.04
07:55			.04
08:00			.04
08:05			.04
08:10			.03
08:15			.03
08:20			.03
08:25			.03
08:30			.03
08:35			.02
08:40			.02
08:45			.02
08:50			.02
08:55			.02
09:00			.02
09:05			.01
09:10			.01
09:15		0.01	.01
09:20			.01
11:35	0.01		
19:20	.01	.02	
19:25	.01	.01	
19:45	.01		.08
19:50	.01	.01	.08
19:55	.01	.01	.10
20:00	.01		.14
20:05		.01	.18
20:10			.18
20:15			.20
20:20			.20
20:25	.01		.20
20:30		.01	.20
20:35			.18
20:40			.16

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
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September 15, 1985

20:45			0.14
20:50			.14
20:55			.12
21:00			.10
21:05			.09
21:10			.09
21:15			.08

Total	0.15	0.21	
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Total storm runoff over watershed = 0.02
inch.

September 20, 1985

07:35	0.02		
07:40	.02	0.03	
07:45	.01	.02	0.08
07:50			.18
07:55			.18
08:00			.14
08:05			.10
08:10			.14
08:15	.01		.16
08:20			.16
08:25			.12
08:30			.12
08:35			.10
08:40			.09
08:45			.08
08:50			.07
08:55			.07
09:00			.06
09:05			.06
09:10			.05

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
09:15			0.05
09:20			.05
09:25	0.02		.05
09:30	.02	0.01	.07
09:35	.01	.01	.20
09:40		.01	.24
09:45		.01	.24
09:50			.20
09:55			.27
10:00			.27
10:05	.01		.27
10:10	.01	.01	.27
10:15	.01	.01	.20
10:20		.01	.20
10:25	.01		.20
10:30			.24
10:35			.24
10:40			.24
10:45			.24
10:50			.24
10:55			.18
11:00			.16
11:05			.14
11:10			.10
11:15			.09
11:20			.08
11:25			.08
11:30			.07
11:35			.07
11:40			.06
11:45			.06
11:50			.06
11:55			.05
12:00			.05
12:05			.05

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
12:10			0.04
12:15			.04
12:20			.04
12:25			.04
12:30			.04
12:35			.03
12:40			.03
12:45			.03
12:50			.03
12:55			.03
13:00			.03
13:05			.03
13:10			.03
13:15			.03
13:20			.02
13:25			.02
13:30			.02
13:35			.02
13:40			.02

Total	0.15	0.12	
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Total storm runoff over watershed = 0.01
inch.

<u>September 20, 1985</u>			
17:25	0.01	0.01	1.00
17:30		.01	.91
17:35	.01		.67
17:40			.59
17:45			.53
17:50	.01	.01	.41
17:55			.41
18:00			.32
18:05	.01		.32
18:10		.01	.27

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
18:15			0.27
18:20			.27
18:25			.27
18:30			.24
18:35			.20
18:40	0.01		.18
18:45		0.01	.18
18:50			.16
18:55			.16
19:00	.01		.14
19:05			.14
19:10			.14
19:15			.14
19:20			.14
19:25			.14
19:30			.14
19:35			.10
19:40			.10
19:45			.09
19:50			.08
19:55			.08
20:00			.07
20:05			.07

Total	0.06	0.05	

Total storm runoff over watershed = 0.02
inch.

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
19:05	0.01	0.01	
19:15			0.05
19:20			.07
19:25			.08
19:30			.08
19:35			.08
19:40			.07
19:45	.10	.03	.18
19:50	.05	.11	1.50
19:55	.02	.03	3.70
20:00			3.10
20:05	.01		1.70
20:10	.01	.01	1.10
20:15			.74
20:20	.01	.01	.67
20:25	.01	.01	.59
20:30	.01	.01	.53
20:35	.04	.04	1.00
20:40	.02	.02	1.40
20:45	.01		1.50
20:50	.01	.01	1.40
20:55			1.10
21:00		.01	.74
21:05			.67
21:10	.01	.01	.59
21:15	.03	.03	.59
21:20	.01		.59
21:25	.01	.01	.74
21:30	.02	.02	1.00
21:35	.02	.02	1.10
21:40	.01	.01	1.10
21:45	.01	.01	1.10
21:50	.01	.01	1.10
21:55	.02	.02	1.10
22:00	.01	.02	1.10

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
22:05	0.02	0.01	1.10
22:10	.01	.02	1.10
22:15	.02	.01	1.20
22:20	.01	.02	1.20
22:25	.02	.02	1.20
22:30	.02	.02	1.20
22:35	.01	.02	1.50
22:40	.02	.01	1.70
22:45	.01	.01	1.50
22:50	.01	.01	1.30
22:55	.01	.02	1.20
23:00	.02	.01	1.10
23:05	.01	.01	1.10
23:10			1.00
23:15			.74
23:20	.01		.67
23:25		.01	.59
23:30	.01		.47
23:35	.01	.02	.41
23:40	.04	.03	.59
23:45	.03	.04	1.20
23:50	.02	.02	1.80
23:55			1.80
24:00	.01		1.30
00:05		.01	1.10
00:10	.01		.67
00:15		.01	.59
00:20	.01		.53
00:25	.01	.02	.47
00:30	.02	.01	.47
00:35			.53
00:40			.53
00:45	.01	.01	.53
00:50			.53
00:55			.47

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
01:00			0.27
01:05			.24
01:10			.20
01:15			.18
01:20			.16
01:25			.14
01:30			.12
01:35			.10
01:40			.10
01:45			.09
01:50			.09
01:55		0.01	.08
02:00	0.01		.08
02:05			.08
02:10			.07
02:15			.07
02:20			.07
02:25			.06
02:30			.06
02:35			.06
02:40			.06
02:45			.05
02:50			.05
02:55			.05
03:00			.05
03:05			.04
03:10			.04
03:15			.04
03:20			.04
03:25			.04
03:30			.04
03:35			.04
03:40			.04
03:45			.03
03:50			.03

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
03:55			0.03
04:00			.03
04:05			.03
04:10			.03
04:15			.03
04:20			.03
04:25			.03
04:30			.03
04:35			.02
04:40			.02
04:45			.02
04:50			.02
04:55			.02
05:00			.02
05:05			.02
05:10			.02
05:15			.02
05:20			.02
05:25			.02
05:30			.02
05:35			.02
05:40			.01

Total	0.86	0.84	

Total storm runoff over watershed = 0.17
inch.

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>June 27, 1986</u>		
01:25	0.06	
01:30	.02	1.40
01:35	.03	2.10
01:40	.02	2.20
01:45	.02	2.20
01:50	.02	1.80
01:55	.01	1.40
02:00		1.00
02:05	.01	.67
02:10		.47
02:15		.32
02:20		.27
02:25	.01	.20
02:30	.01	.20
02:35		.20
02:40	.01	.20
02:45		.27
02:50	.01	.27
02:55		.32
03:00		.32
03:05	.01	.32
03:10		.32
03:15	.01	.32
03:20		.32
03:25		.24
03:30	.01	.24
03:35		.18
03:40		.18
03:45		.16
03:50		.14
03:55		.12
04:00		.09
04:05		.09
04:10		.07
04:15		.07

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>June 27, 1986</u>		
04:20		0.06
04:25		.06
04:30		.05
04:35		.05
04:40		.05
04:45		.04
04:50		.04
04:55		.04
05:00		.03
05:05		.03
05:10		.03
05:15		.03
05:20		.02
05:25		.02
05:30		.02
05:35		.02
05:40		.01
05:45		.01

Total	0.26	
Total storm runoff over watershed = 0.04 inch.		
<u>June 27, 1986</u>		
17:25	0.02	
17:30	.01	
17:35	.04	0.82
17:40	.08	5.20
17:45	.10	6.30
17:50	.03	3.50
17:55		1.90
18:00		1.40
18:05		.91
18:10		.67

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>June 27, 1986</u>		
18:15		0.41
18:20		.27
18:25		.18
18:30		.16
18:35		.12
18:40		.10
18:45		.09
18:50		.08
18:55		.07
19:00		.06
19:05		.06
19:10		.05
19:15		.05
19:20		.04
19:25		.04
19:30		.03
19:35	0.01	.03
19:40		.03
19:45		.03
19:50		.02
19:55		.02
20:00		.02
20:05		.02
20:10		.01
20:15		.01
20:20		.01

Total	0.29	

Total storm runoff over watershed = 0.05
inch.

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>July 22, 1986</u>			
17:05	0.21	0.10	12.00
17:10	.24	.13	22.00
17:15	.14	.19	21.00
17:20	.05	.07	17.00
17:25	.01	.01	9.40
17:30			4.00
17:35			2.20
17:40			1.20
17:45			.82
17:50			.41
17:55			.32
18:00			.20
18:05			.16
18:10			.14
18:15			.09
18:20			.09
18:25			.08
18:30			.07
18:35			.06
18:40			.06
18:45			.05
18:50			.05
18:55	.01		.04
19:00			.04
19:05			.03

Total	0.80	0.50	

Total storm runoff over watershed = 0.24
inch.

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 5-6, 1986</u>			
20:20	0.01		0.10
20:25			.14
20:30	.02		.32
20:35	.02		.36
20:40	.02		.91
20:45	.05		3.70
20:50	.12		5.50
20:55	.06		5.70
21:00	.05		4.40
21:05	.03		3.30
21:10	.02		2.40
21:15	.03		1.90
21:20	.01	0.01	1.70
21:25			1.20
21:30			.82
21:35			.53
21:40	.01	.01	.41
21:45	.01		.32
21:50		.01	.27
21:55		.01	.24
22:00		.01	.20
22:05			.18
22:10	.01	.04	.20
22:15	.02	.02	.41
22:20	.02	.03	.47
22:25		.06	.74
22:30	.01	.07	.82
22:35		.06	.67
22:40	.01	.04	.53
22:45	.01	.02	.47
22:50		.02	.41
22:55	.01	.01	.41
23:00	.01	.01	.47
23:05	.01		.47
23:10			.47

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>October 5-6, 1986</u>			
23:15	0.01		0.53
23:20	.01	0.01	.53
23:25			.53
23:30	.01		.53
23:35			.47
23:40	.01	.01	.41
23:45	.01	.01	.41
23:50		.01	.36
23:55		.02	.32
24:00		.01	.27
00:05		.01	.24
00:10	.01	.01	.20
00:15		.01	.20
00:20	.01		.20
00:25		.01	.18
00:30		.01	.18
00:35		.01	.18
00:40			.18
00:45		.01	.16
00:50	.01		.16
00:55		.01	.14
01:00			.12
01:05		.01	.10
01:10		.01	.09
01:15		.01	.08

Total	0.66	0.61	

Total storm runoff over watershed = 0.12
inch.

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 4, 1987</u>			
12:05	0.01	0.01	
12:15	.01		
12:20	.01		
12:30	.01		
12:35	.01		0.12
12:40		.01	.12
12:45			.14
12:50			.20
12:55			.24
13:00			.24
13:05			.47
13:10			.82
13:15			1.10
13:20	.01	.01	1.10
13:25	.02		1.10
13:30	.02		.91
13:35	.02		.67
13:40	.02		.53
13:45	.01		.47
13:50	.01	.01	.36
13:55			.36
14:00			.41
14:05	.01		.67
14:10			.91
14:15		.01	1.00
14:20			1.20
14:25			1.40
14:30			1.40
14:35			1.40
14:40			1.40
14:45		.01	1.30
14:50	.02		1.20
14:55	.02		1.00
15:00	.02		.74
15:05	.01		.67

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 4, 1987</u>			
15:10	0.03	0.01	0.47
15:15	.01		.36
15:20	.02	.01	.27
15:25	.01	.01	.24
15:30	.01	.01	.20
15:35	.01	.01	.16
15:40	.01	.01	.14
15:45	.01	.01	.12
15:50	.01	.01	.12
15:55	.02	.01	.10
16:00	.02	.01	.09
16:05	.02	.02	.09
16:10	.01	.01	.08
16:15	.01	.01	.08
16:20		.01	.08
16:25		.01	.08
16:30		.01	.07
16:35		.01	.07
16:40		.01	.07
16:45			.07
16:50		.01	.07
16:55		.01	.07
17:00			.06
17:05		.01	.06
17:10			.06
17:15		.01	.05
17:20			.05
17:25		.01	.05
17:30			.05
17:35			.04

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>April 4, 1987</u>			
17:40			0.04
17:45			.03
17:50		0.01	.03
17:55			.03
18:00			.02
18:05			.01

Total	0.44	0.31	
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Total storm runoff over watershed = 0.06
inch.

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>July 24, 1987</u>		
16:50	0.24	0.16
16:55	.50	29.00
17:00	.15	24.00
17:05	.07	15.00
17:10	.05	8.70
17:15	.03	5.70
17:20	.01	3.50
17:25	.01	1.90
17:30		1.20
17:35	.01	.74
17:40		.53
17:45		.36
17:50		.24
17:55		.16
18:00		.12
18:05		.10
18:10		.08
18:15		.07
18:20		.06
18:25		.06

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>July 24, 1987</u>		
18:30		0.05
18:35		.04
18:40		.04
18:45		.03
18:50		.02
18:55		.01
19:00		.01

Total 0.83

Total storm runoff over watershed = 0.228
inch.

<u>August 10, 1987</u>		
21:25	0.13	0.67
21:30	.09	5.70
21:35	.05	7.50
21:40	.06	5.20
21:45	.18	6.90
21:50	.16	11.00
21:55	.06	8.40
22:00	.05	5.50
22:05	.02	3.70
22:10	.02	2.70
22:15	.01	2.10
22:20		1.50
22:25		1.10
22:30		.82
22:35	.01	.59
22:40		.41
22:45		.27
22:50		.18
22:55		.14
23:00		.10

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 10, 1987</u>		
23:05		0.09
23:10		.08
23:15		.07
23:20		.06
23:25		.05
23:30		.04
23:35		.04
23:40		.03
23:45		.03
23:50		.02
23:55		.01
24:00		.01

Total 0.84

Total storm runoff over watershed = 0.16
inch.

<u>August 11, 1987</u>		
01:25	0.01	0.08
01:30		.10
01:35		.10
01:40		.10
01:45	.01	.09
01:50		.10
01:55		.16
02:00		.18
02:05		.20
02:10		.20
02:15	.01	.18
02:20		.16
02:25		.12
02:30		.10
02:35		.09

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 11, 1987</u>		
02:40		0.08
02:45		.08
02:50		.07
02:55		.06
03:00		.06
03:05		.05
03:10		.05
03:15		.04
03:20		.03
03:25		.03
03:30		.02
03:35		.02
03:40		.01
03:45		.01
09:20	0.01	
14:50	.01	
18:50	.01	
18:55	.03	
19:00	.10	2.10
19:05	.09	3.30
19:10	.06	7.20
19:15	.06	7.50
19:20	.03	5.70
19:25	.01	4.20
19:30	.01	2.90
19:35		1.90
19:40		1.20
19:45		.82
19:50	.01	.59
19:55		.41
20:00		.32
20:05		.20
20:10		.16
20:15		.14
20:20	.01	.12

Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 11, 1987</u>		
20:25		0.10
20:30		.09

Total	0.47	
Total storm runoff over watershed = 0.10 inch.		
<u>August 21, 1987</u>		
19:20	0.10	
19:25	.23	7.50
19:30	.15	15.00
19:35	.08	13.00
19:40	.05	7.50
19:45	.01	4.70
19:50	.01	2.90
19:55		1.70
20:00		1.00
20:05		.67
20:10		.47
20:15		.32
20:20	.01	.20
20:25		.16
20:30		.12
20:35		.10
20:40		.08
20:45		.07
20:50		.06
20:55		.06
21:00		.05
21:05		.04
21:10		.04
21:15		.03
21:20		.02

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
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August 21, 1987

21:25		0.02
21:30		.01

Total	0.64	
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Total storm runoff over watershed = 0.13
inch.

August 24, 1987

23:00	0.13	
23:05	.05	2.90
23:10	.07	5.70
23:15	.13	7.50
23:20	.05	7.20

23:25	.01	4.90
23:30	.01	3.70
23:35		2.40
23:40		1.40
23:45		.91

23:50	.01	.59
23:55		.41
24:00	.01	.32

Total	0.47	
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Total storm runoff over watershed = 0.09
inch.

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 25, 1987</u>		
15:45	0.05	
15:50	.03	
15:55	.02	1.30
16:00	.03	1.70
16:05	.06	2.60
16:10	.08	4.00
16:15	.02	4.70
16:20	.01	4.40
16:25	.01	2.90
16:30		1.70
16:35	.01	1.00
16:40		.67
16:45		.47
16:50	.01	.36
16:55	.02	.32
17:00	.01	.36
17:05	.01	.47
17:10	.02	.59
17:15	.02	.82
17:20	.01	1.00
17:25	.02	1.10
17:30	.01	1.20
17:35	.01	1.20
17:40		1.00
17:45	.01	.91
17:50		.67
17:55		.53
18:00		.36
18:05		.27
18:10		.20

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 25, 1987</u>		
18:15		0.16
18:20		.12
18:25		.10
18:30		.09
18:35		.08

Total 0.47

Total storm runoff over watershed = 0.09
inch.

<u>August 26, 1987</u>		
16:55	0.06	
17:00	.01	1.90
17:05	.35	8.70
17:10	.10	15.00
17:15	.05	11.00
17:20	.02	7.50
17:25	.01	4.40
17:30	.01	2.90
17:35		1.70
17:40		1.10
17:45	.01	.74
17:50		.47
17:55		.36
18:00		.24
18:05		.18
18:10		.14
18:15		.12
18:20		.10
18:25		.08
18:30		.08

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>August 26, 1987</u>		
18:35		0.07
18:40		.06
18:45		.06
18:50		.05
18:55		.05
19:00		.05

Total 0.62

Total storm runoff over watershed = 0.14
inch.

<u>April 16, 1988</u>		
05:00		0.06
05:05		.03
05:10		.02
05:15	0.01	
05:25	.01	
05:30	.02	.07
05:35	.01	.14
05:40		.14
05:45	.01	.20
05:50		.16
05:55		.10
06:00		.07
06:05		.05
06:10		.04
06:15		.03
06:20		.03
06:25		.03
06:30		.02
07:50	.01	
07:55	.02	.01

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>		
08:00	0.03	0.14
08:05	.01	.24
08:10		.32
08:15		.36
08:20		.20
08:25		.12
08:30		.09
08:35	.01	.07
08:40		.06
08:45	.03	.09
08:50	.01	.16
08:55	.03	.24
09:00	.03	.53
09:05	.03	.82
09:10	.03	1.00
09:15	.03	1.10
09:20	.03	1.10
09:25	.04	1.20
09:30	.02	1.30
09:35	.02	1.20
09:40	.01	.91
09:45	.01	.67
09:50	.01	.41
09:55		.27
10:00	.01	.18
10:05	.01	.16
10:10	.01	.18
10:15	.03	.32
10:20	.01	.41
10:25	.02	.59
10:30	.02	.67
10:35	.01	.59
10:40	.02	.53
10:45	.01	.47
10:50	.01	.41

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>		
10:55	0.01	0.36
11:00	.02	.32
11:05	.01	.36
11:10	.01	.36
11:15	.01	.36
11:20		.27
11:25		.20
11:30		.16
11:35	.01	.12
11:40		.10
11:45		.08
11:50		.07
11:55		.05
12:00		.04
12:05		.03
12:10		.03
12:15		.02
12:20		.01
13:15	.01	
13:20	.01	.01
13:25	.01	.07
13:30		.07
13:35	.01	.06
13:40		.07
13:45		.09
13:50		.08
13:55		.07
14:00		.06
14:05		.05
14:10		.04
14:15		.03
14:20		.02
14:25		.01
15:30	.02	
15:35	.01	.02

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>April 16, 1988</u>		
15:40	0.02	0.09
15:45	.02	.14
15:50		.24
15:55		.36
16:00		.27
16:05		.18
16:10	.01	.14
16:15		.09
16:20		.08
16:25		.06
16:30		.05
16:35		.04
16:40		.03
16:45		.02

Total 0.82

Total storm runoff over watershed = 0.06
inch.

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
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June 10, 1988

06:45		0.02	
08:25			0.02
08:30			.01
12:05			.02
12:20			.01
12:25			.02
12:30			.01
17:15	0.08		
17:20	.14		
17:25	.03		2.40

Table 14.--Rainfall and runoff data for selected storms at Grant Line Arroyo at Villa del Oso Drain--Continued

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>June 10, 1988</u>			
17:30			4.00
17:35			3.50
17:40			1.70
17:45			.74
17:50	0.03		.32
17:55	.01		.20
18:00			.24
18:05			.20
18:10			.36
18:20			.24
18:25			.16
18:30			.10
18:35	.01		.07
18:40	.02		.06
18:45	.03		.05
18:50			.14
18:55			.32
19:00	.01		.82
19:05			.82
19:10			.41
19:15			.24
19:20			.16
19:25			.10
19:30			.09
19:35			.06
19:40			.05
19:45			.03
19:50			.02
19:55			.02
20:00			.03
20:05			.02
20:10			.01
20:15			.01
20:20			.01
20:25			.02

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Gage 24 rainfall (inches)	Runoff (cubic feet per second)
<u>June 10, 1988</u>			
20:30			0.01
21:20	0.01		
21:50	.01		
22:00	.02		
22:05	.02		
22:10	.02		.08
22:15	.01		.27
22:20			.20
22:25	.01		.47
22:30			.47
22:35	.01		.36
22:40			.27
22:45			.20
22:50			.16
22:55	.01		.14
23:00			.12
23:05			.09
23:10			.09
23:15			.08
23:20			.07
23:25			.06
23:30			.05
23:35			.04
23:40			.03
23:45			.02
23:50			.03
23:55			.01
24:00			.01

Total	0.48	0.02	

Total storm runoff over watershed = 0.05
inch.

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>June 30, 1988</u>		
15:30	0.07	
15:35	.13	
15:40	.05	
15:45	.05	
15:50	.04	2.40
15:55	.07	4.90
16:00	.04	4.20
16:05	.03	3.70
16:10	.02	4.70
16:15		4.90
16:20		4.40
16:25	.01	2.90
16:30		1.50
16:35		.74
16:40		.36
16:45		.20
16:50		.14
16:55		.10
17:00		.09
17:05		.06
17:10		.05
17:15		.03
17:20		.02
17:25		.01

Total	0.51	

Total storm runoff over watershed = 0.08
inch.

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>July 8, 1988</u>		
20:05	0.12	0.82
20:10	.16	4.40
20:15	.27	9.10
20:20	.13	10.00
20:25	.03	9.10
20:30	.01	4.40
20:35		2.10
20:40		1.00
20:45		.53
20:50		.27
20:55		.18
21:00		.12
21:05		.09
21:10		.07
21:15		.05
21:20		.04
21:25		.03
21:30		.02
21:35		.01
21:40	.01	

Total 0.73

Total storm runoff over watershed = 0.10
inch.

<u>July 9, 1988</u>		
18:45	0.13	0.59
18:50	.01	4.90
18:55	.01	4.00
19:00	.07	1.90
19:05	.13	2.90
19:10	.07	4.40
19:15	.21	7.20
19:20	.17	14.00
19:25	.08	13.00
19:30	.03	8.10

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Continued**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
19:35	0.02	4.00
19:40	.01	2.20
19:45	.01	1.30
19:50		.82
19:55		.47
20:00	.01	.36
20:05		.20
20:10	.01	.18
20:15	.01	.16
20:20	.01	.18
20:25	.01	.20
20:30	.02	.27
20:35	.02	.41
20:40		.47
20:45	.01	.47
20:50	.01	.36
20:55	.01	.32
21:00	.02	.27
21:05	.01	.32
21:10	.02	.36
21:15	.03	.47
21:20	.03	.67
21:25	.02	.82
21:30	.02	1.10
21:35	.02	1.00
21:40	.01	.91
21:45	.01	.82
21:50	.02	.74
21:55	.01	.67
22:00	.01	.67
22:05	.02	.59
22:10	.01	.47
22:15		.41
22:20	.01	.32
22:25		.27

**Table 14.--Rainfall and runoff data for selected storms at
Grant Line Arroyo at Villa del Oso Drain--Concluded**

Time	Gage 6 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
22:30	0.01	0.20
22:35		.18
22:40	.01	.16
22:45		.14
22:50		.12
22:55		.10
23:00		.09
23:05		.08
23:10	.01	.07
23:15		.06
23:20		.05
23:25		.04
23:30		.03
23:35		.02
23:40		.02
23:45		.01

Total	1.37	
Total storm runoff over watershed = 0.21 inch.		

Table 15.—Mean daily discharge, in cubic feet per second, at (08329860) Grant Line Arroyo
at Villa del Oso Drain for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.08	—	—	0.00	0.02	0.00	0.00
2	—	—	—	.00	.00	.01	—	—	.00	.02	.00	.00
3	—	—	—	.00	.00	.00	—	—	.00	.19	.00	.00
4	—	—	—	.00	.00	.00	—	—	.00	.02	.00	.01
5	—	—	—	.00	.00	.01	—	—	.00	.00	.00	.00
6	—	—	—	.00	.00	.00	—	—	.00	.00	.00	.00
7	—	—	—	.00	.00	.00	—	0.17	.00	.00	.00	—
8	—	—	—	.00	.00	.00	—	.02	.00	.00	.00	—
9	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
10	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
11	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	—	.00	.00	.01	.00	—
13	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
14	—	—	—	.02	.00	.00	—	.00	.09	.00	.00	—
15	—	—	—	.00	.00	.00	—	.00	.01	.26	.00	—
16	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	—	.00	.00	.00	.07	—
18	—	—	—	.00	.00	.00	—	.00	.00	.00	.01	—
19	—	—	—	.00	.00	.19	—	.00	.00	.01	.00	—
20	—	—	—	.00	.00	—	—	.00	.00	.07	.00	—
21	—	—	—	.00	.00	—	—	.00	.00	.04	.00	—
22	—	—	—	.00	.00	—	—	.27	.00	.02	.00	—
23	—	—	—	.00	.17	—	—	.23	.01	.00	.00	—
24	—	—	—	.00	.00	—	—	.01	.00	.05	.02	—
25	—	—	—	.00	.00	—	—	.00	.05	.01	.01	—
26	—	—	0.17	.05	.00	—	—	.03	.23	.04	.00	—
27	—	—	.05	.00	.00	—	—	.00	.01	.01	.00	—
28	—	—	.00	.01	.00	—	—	.00	.01	.00	.00	—
29	—	—	.00	.02	.00	—	—	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	—	—	.00	.00	.00	.00	—
31	—	—	.02	—	.00	—	—	.00	—	.00	—	—
Total	—	—	—	0.10	0.17	—	—	—	0.41	0.77	0.11	—
Mean	—	—	—	.003	.005	—	—	—	.014	.025	.004	—
Maximum	—	—	—	.05	.17	—	—	—	.23	.26	.07	—
Minimum	—	—	—	.00	.00	—	—	—	.00	.00	.00	—
Acre-feet	—	—	—	.2	.3	—	—	—	.8	1.5	.2	—

Table 15.—Mean daily discharge, in cubic feet per second, at (08329860) Grant Line Arroyo
at Villa del Oso Drain for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.00	0.01	0.00
2	--	--	.00	.00	.00	.00	.01	.07	.00	.00	.00	.00
3	--	--	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00
4	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.01	.00	.02	.00	--
8	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.06	.00	--
10	--	--	.00	.00	.00	.00	.00	.06	.00	.20	.00	--
11	--	--	.00	.00	.00	.00	.00	.01	.00	.04	.00	--
12	--	0.00	.17	.00	.02	.00	.00	.00	.03	.00	.00	--
13	--	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	--
14	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	.00	.00	.00	.00	.00	.01	.00	.03	.00	.00	--
16	--	.00	.00	.00	.00	.00	.00	.00	.15	.11	.00	--
17	--	.00	.00	.00	.03	.00	.00	.00	.02	.07	.00	--
18	--	.00	.00	.07	.00	.00	.00	.00	.08	.00	.00	--
19	--	.00	.04	.00	.00	.00	.00	.00	.05	.00	.00	--
20	--	.00	.00	.00	.00	.00	.00	.04	.11	.00	.00	--
21	--	.00	.00	.01	.06	.00	.00	.00	.00	.00	.00	--
22	--	.04	.00	.08	.00	.00	.02	.00	.00	.00	.00	--
23	--	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	--
24	--	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	--
25	--	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	--
26	--	.00	.03	.04	.00	.00	.01	.01	.00	.00	.00	--
27	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	.03	.00	.31	.01	.00	.01	.05	.00	.00	.00	--
29	--	--	.01	.02	.00	.00	.03	.00	.01	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.01	--	--
<hr/>												
Total	--	--	0.25	0.53	0.17	0.12	0.10	0.31	0.50	0.52	0.01	--
Mean	--	--	.008	.018	.005	.004	.003	.010	.017	.017	.000	--
Maximum	--	--	.17	.31	.06	.10	.03	.07	.15	.20	.01	--
Minimum	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	.5	1.1	.3	.2	.2	.6	1.0	1.0	.02	--

Table 15.—Mean daily discharge, in cubic feet per second, at (08329860) Grant Line Arroyo
at Villa del Oso Drain for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.05	0.00	0.00	0.00	0.00	0.00	0.00	--	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
3	--	--	0.00	.00	.05	.00	.00	.00	.00	.01	--	--
4	--	--	.00	.00	.00	.00	.05	.00	.01	.00	--	--
5	--	--	.00	.00	.00	.00	.00	.02	.00	.16	--	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.04	--	--
7	--	--	.00	.00	.00	.00	.07	.00	.00	.00	--	--
8	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--	--
9	--	--	.00	.00	.00	.00	.03	.00	.00	.03	--	--
10	--	--	.00	.00	.00	.00	.00	.06	.00	.13	--	--
11	--	--	.01	.00	.00	.00	.00	.00	.00	.02	--	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.02	--	--
13	--	--	.00	.00	.00	.00	.02	.01	.05	.00	--	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
16	--	--	.00	.00	.08	.00	.10	.00	.01	.00	--	--
17	--	--	.00	.00	.10	.06	.00	.00	.00	.00	--	--
18	--	--	.00	.00	.00	.02	.00	.00	.00	.00	--	--
19	--	--	.00	.00	.00	.01	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.02	.00	.00	--	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
22	--	--	.00	.00	.00	.00	.33	.00	.00	--	--	--
23	--	--	.00	.00	.00	.00	.00	.06	.00	--	--	--
24	--	--	.00	.01	.00	.06	.00	.00	.07	--	--	--
25	--	--	.00	.04	.00	.07	.00	.11	.00	--	--	--
26	--	--	.00	.00	.00	.01	.00	.00	.00	--	--	--
27	--	--	.00	.00	.00	.15	.00	.00	.00	--	--	--
28	--	--	.01	.00	.00	.00	.00	.00	.00	--	--	--
29	--	--	.00	.00	.01	.01	.00	.00	.00	--	--	--
30	--	--	.00	.00	.01	.08	.00	.00	.00	--	--	--
31	--	--	.00	--	.00	--	.00	.00	--	--	--	--
Total	--	--	--	0.10	0.25	0.47	0.64	0.26	0.14	--	--	--
Mean	--	--	--	.003	.008	.016	.021	.008	.005	--	--	--
Maximum	--	--	--	.05	.10	.15	.33	.11	.07	--	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
Acre-feet	--	--	--	.2	.5	.9	1.3	.5	.3	--	--	--

Table 15.—Mean daily discharge, in cubic feet per second, at (08329860) Grant Line Arroyo
at Villa del Oso Drain for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	0.00	--	0.00	0.00	0.00	--	0.02	0.00
2	--	--	--	--	.00	--	.00	.00	.00	--	.00	.00
3	--	--	--	--	.00	--	.00	.00	.00	--	.00	.00
4	--	--	--	0.11	.00	--	.00	.00	.00	--	.00	.00
5	--	--	--	.01	.00	--	.00	.00	.00	--	.00	.00
6	--	--	--	.00	.00	--	.00	.07	--	0.00	.00	.00
7	--	--	--	.00	.00	--	.00	.00	--	.00	.00	.00
8	--	--	--	.00	.00	--	.00	.00	--	.00	.00	--
9	--	--	--	.00	.00	--	.00	.00	--	.00	.00	--
10	--	--	--	.00	.00	--	.00	.23	--	.00	.00	--
11	--	--	--	.00	.00	--	.00	.15	--	.00	.00	--
12	--	--	--	.13	.00	0.00	.00	.00	--	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	--	.00	.00	--
14	--	--	--	.00	.03	.00	.00	.00	--	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.00	--	.00	.00	--
16	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
17	--	--	--	.00	--	.00	.02	.00	--	.00	.00	--
18	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
19	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
20	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
21	--	--	--	.00	--	.00	.04	.19	--	.00	.00	--
22	--	--	--	.00	--	.00	.00	.08	--	.00	.00	--
23	--	--	--	.00	--	.00	.00	.03	--	.00	.00	--
24	--	--	--	.00	--	.00	.32	.13	--	.00	.00	--
25	--	--	--	.00	--	.00	.00	.14	--	.00	.00	--
26	--	--	--	.00	--	.00	.00	.20	--	.00	.00	--
27	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
28	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
29	--	--	--	.00	--	.00	.00	.00	--	.00	.00	--
30	--	--	--	.00	--	.00	.00	.00	--	.03	.00	--
31	--	--	--	--	--	--	.00	.00	--	.00	--	--
Total	--	--	--	--	--	--	0.38	1.22	--	--	0.02	--
Mean	--	--	--	--	--	--	.012	.039	--	--	.001	--
Maximum	--	--	--	--	--	--	.32	.23	--	--	.02	--
Minimum	--	--	--	--	--	--	.00	.00	--	--	.00	--
Acre-feet	--	--	--	--	--	--	.8	2.4	--	--	.04	--

Table 15.—Mean daily discharge, in cubic feet per second, at (08329860) Grant Line Arroyo
at Villa del Oso Drain for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.02	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.01	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.01	.00	--
8	--	--	0.00	.00	.00	.00	.15	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.30	.03	.00	.00	.00	--
10	--	--	.00	.00	.00	.07	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.05	.00	.00	.01	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.02	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.11	.00	.00	--
14	--	--	.00	.04	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
16	--	--	.00	.08	.00	.01	.01	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.31	.01	.00	.00	.00	--
18	--	--	.00	.00	.02	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.02	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.04	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.08	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.02	.00	.00	.00	--
25	--	--	.00	.00	.00	.04	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.05	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.01	.00	.02	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.07	.02	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.12	.00	.00	.00	.00	.00	--
31	--	--	.02	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.16	0.04	0.35	0.87	0.11	0.26	0.02	0.00	--
Mean	--	--	--	.005	.001	.012	.028	.004	.009	.001	.00	--
Maximum	--	--	--	.08	.02	.12	.31	.03	.11	.01	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.3	.08	.7	1.7	.2	.5	.04	.0	--

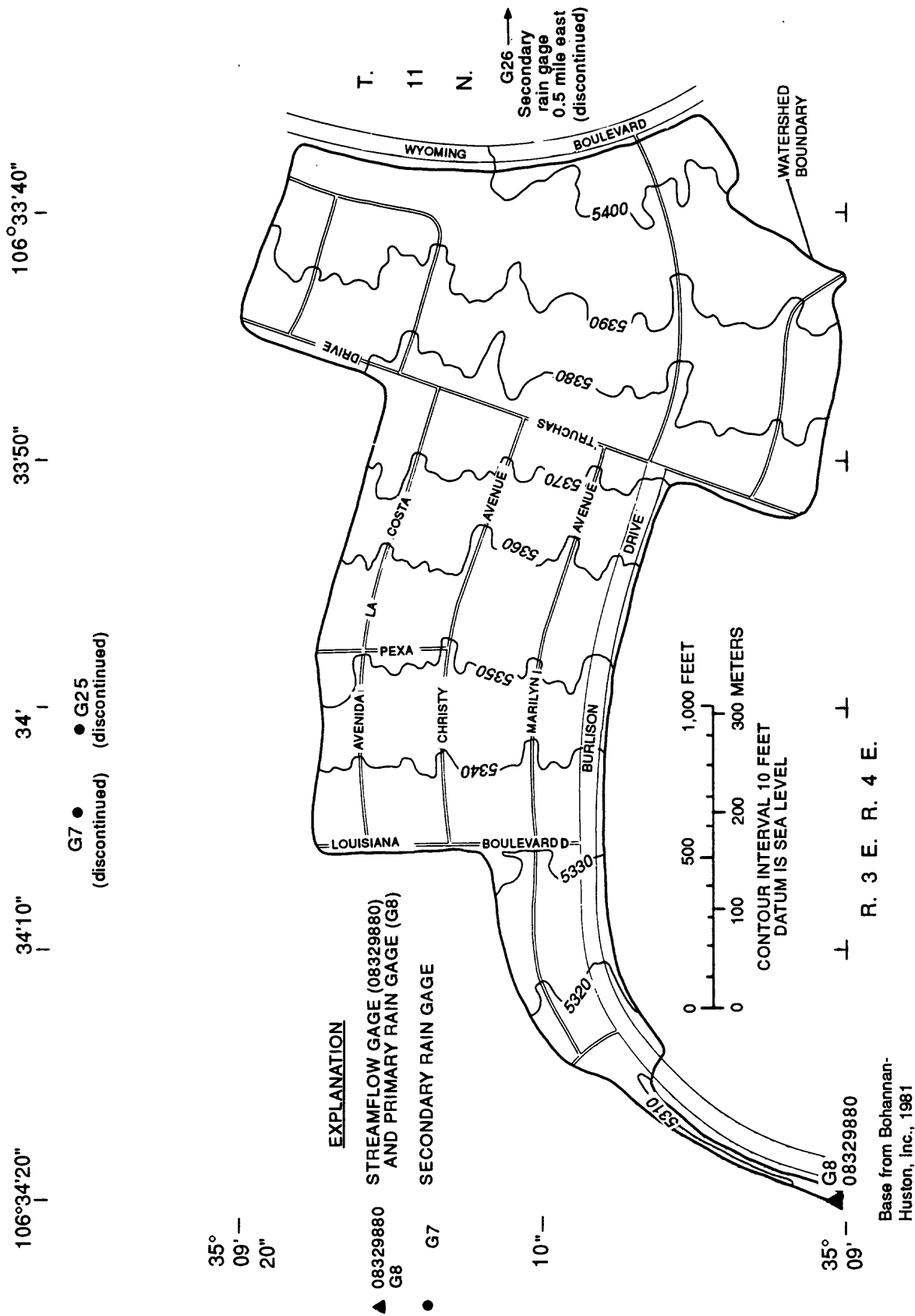


Figure 4.--Watershed for Academy Acres Drain (08329880) (modified from Fischer and others, 1984, fig. 4).

STATION DESCRIPTION
08329880 ACADEMY ACRES DRAIN AT ALBUQUERQUE

LOCATION.--Lat 35°09'02", long 106°34'18", in NE 1/4 SE 1/4 sec. 25, T. 11 N., R. 3 E., Bernalillo County, Hydrologic Unit 13020203, on left bank of concrete-lined channel, at intersection of Burlison Drive and Leander Avenue, 250 ft north of intersection of Esther Avenue and Burlison Drive and 0.4 mi north of Academy Road, in Albuquerque.

DRAINAGE AREA.--0.124 mi² (79.4 acres).

PERIOD OF RECORD.--June 1976 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,306 ft, from topographic map.

RAIN GAGES.--The primary recording rain gage (G8) is a digital paper-tape recorder at the station. Three secondary recording rain gages (G7, G25, and G26) have been operated just outside of the basin. Figures 1 and 4 show locations. Table 2 lists periods of record.

REMARKS.--Records good. This basin is primarily urban residential. Impervious area (roads, sidewalks, and roofs) is estimated to be about 50 percent.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 103 ft³/s Aug. 3, 1978, gage height 4.09 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 41 ft³/s, July 22, 1986; no flow most of the time.

Calendar year 1984:	Maximum discharge, 11 ft ³ /s, Oct. 3, gage height 2.46 ft; no flow most of the time.
Calendar year 1985:	Maximum discharge, 18 ft ³ /s, Apr. 18, gage height 2.79 ft; no flow most of the time.
Calendar year 1986:	Maximum discharge, 41 ft ³ /s, July 22, gage height 3.33 ft; no flow most of the time.
Calendar year 1987:	Maximum discharge, 37 ft ³ /s, Aug. 11, gage height 3.25 ft; no flow most of the time.
Calendar year 1988:	Maximum discharge, 40 ft ³ /s, June 25, July 8, gage height 3.31 ft; no flow most of the time.

Table 16.—Daily rainfall, in inches, at Academy Acres Drain primary gage G8 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.01	0.00	0.13	0.00	—	0.00	0.03	0.00	0.01
2	—	—	—	.00	.00	.00	.00	—	.00	.09	.00	.00
3	—	—	—	.00	.00	.00	.06	—	.00	.55	.00	.00
4	—	—	—	.00	.00	.00	.00	—	.00	.07	.00	.08
5	—	—	—	.00	.00	.00	.00	—	.00	.01	.00	.00
6	—	—	—	.00	.00	.00	.00	—	.00	.00	.00	.01
7	—	—	—	.00	.00	.00	.00	0.60	.00	.00	.00	—
8	—	—	0.00	.00	.00	.00	.00	.01	.00	.00	.00	—
9	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
11	—	—	.00	.00	.00	.00	.12	.00	.00	.00	.00	—
12	—	—	.00	.00	.00	.00	.00	.00	.00	.09	.00	—
13	—	—	.00	.00	.00	.00	.00	.00	.00	.02	.00	—
14	—	—	.00	.00	.00	.00	.00	.00	.21	.00	.00	—
15	—	—	.00	.00	.00	.00	.00	.00	.02	1.28	.00	—
16	—	—	.00	.00	.00	.00	.09	.00	.00	.01	.00	—
17	—	—	.00	.00	.00	.00	.19	.00	.00	.00	.33	—
18	—	—	.00	.00	.00	.00	.03	.00	.00	.01	.08	—
19	—	—	.00	.00	.00	.00	.00	.00	.00	.07	.00	—
20	—	—	.00	.03	.00	.00	.00	.00	.00	.19	.00	—
21	—	—	.00	.00	.00	.00	.18	.00	.00	.11	.00	—
22	—	—	.00	.01	.00	.00	.03	.42	.00	.06	.00	—
23	—	—	.00	.01	.31	.00	—	.63	.00	.02	.00	—
24	—	—	.00	.00	.01	.13	—	.04	.00	.19	.15	—
25	—	—	.00	.00	.00	.00	—	.00	.20	.06	.05	—
26	—	—	.23	.09	.00	.00	—	.07	.75	.14	.00	—
27	—	—	.25	.00	.00	.00	—	.01	.01	.01	.04	—
28	—	—	.00	.09	.00	.00	—	.00	.00	.00	.01	—
29	—	—	.00	.07	.00	.00	—	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.00	—	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	—	.00	—	.00	—	—
Total	—	—	—	0.31	0.32	0.26	—	—	1.19	3.01	0.66	—

Table 16.—Daily rainfall, in inches, at Academy Acres Drain primary
gage G8 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.16	0.00	0.00	0.07	0.00	0.00	0.03	0.00
2	--	--	--	.00	.00	.00	.08	.36	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.10	.00	.00	.00
4	--	--	0.00	.00	.04	.03	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.07	.00	.12	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.01	.00	.00	.00	.16	.00	--
10	--	--	.00	.00	.00	.00	.00	.05	.00	.82	.00	--
11	--	--	.01	.00	.00	.00	.00	.05	.01	.06	.00	--
12	--	--	.63	.00	.11	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.01	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.03	--
15	--	--	.02	.00	.00	.00	.07	.00	.19	.00	.00	--
16	--	--	.00	.00	.00	.00	.05	.00	.53	.45	.00	--
17	--	--	.00	.00	.11	.00	.00	.00	.12	.25	.00	--
18	--	--	.00	.28	.00	.00	.00	.00	.33	.00	.00	--
19	--	--	.16	.00	.00	.00	.01	.00	.19	.00	.00	--
20	--	--	.00	.00	.00	.07	.00	.10	.62	.00	.00	--
21	--	--	.00	.11	.18	.00	.00	.00	.03	.00	.00	--
22	--	--	.00	.33	.00	.00	.00	.00	.02	.00	.00	--
23	--	--	.00	.00	.00	.00	.03	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.30	.00	.00	.00	.00	.00	--
25	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.13	.01	.00	.00	.00	.00	.00	.04	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	1.04	.00	.00	.06	.01	.02	.00	.00	--
29	--	--	.04	.03	.00	.00	.14	.00	.02	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.04	--
31	--	--	.00	--	.00	--	.00	.00	--	.08	--	--
Total	--	--	--	1.93	0.61	0.41	0.44	0.72	2.18	1.95	0.14	--

Table 16.--Daily rainfall, in inches, at Academy Acres Drain primary
gage G8 for calendar years 1984-88--Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.19	0.00	0.00	0.04	0.00	0.00	0.00	0.00	--
2	--	--	--	.04	.03	.00	.00	.00	.00	.00	.70	--
3	--	--	--	.00	.28	.02	.00	.00	.00	.09	.23	--
4	--	--	--	.00	.01	.00	.14	.00	.02	.00	.25	--
5	--	--	--	.00	.00	.01	.01	.00	.00	.48	.01	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.13	.00	--
7	--	--	--	.00	.00	.00	.35	.00	.00	.00	.04	--
8	--	--	--	.00	.00	.00	.05	.00	.00	.00	.01	--
9	--	--	--	.00	.00	.00	.16	.00	.03	.14	.02	--
10	--	--	--	.00	.00	.00	.00	.30	.00	.46	.00	--
11	--	--	--	.00	.00	.00	.00	.01	.01	.11	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.00	.15	.00	--
13	--	--	--	.00	.00	.00	.01	.08	.17	.00	.04	--
14	--	--	--	.00	.00	.00	.00	.03	.00	.00	.02	--
15	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
16	--	--	--	.00	.42	.00	.38	.00	.07	.00	--	--
17	--	--	--	.00	.33	.53	.01	.00	.00	.00	--	--
18	--	--	--	.00	.00	.14	.00	.00	.00	.00	--	--
19	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	--	.00	.00	.00	.08	.00	.00	.05	--	--
21	--	--	--	.00	.00	.00	.01	.00	.00	.00	--	--
22	--	--	--	.00	.00	.00	.63	.00	.00	.00	--	--
23	--	--	--	.07	.00	.00	.03	.27	.05	.00	--	--
24	--	--	--	.04	.00	.33	.02	.00	.21	.00	--	--
25	--	--	--	.11	.00	.31	.00	.35	.00	.00	--	--
26	--	--	--	.00	.00	.03	.04	.01	.00	.01	--	--
27	--	--	--	.00	.00	.24	.00	.00	.00	.00	--	--
28	--	--	0.00	.00	.00	.00	.00	.00	.00	.01	--	--
29	--	--	.00	.00	.05	.06	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.05	.21	.00	.00	.00	.00	--	--
31	--	--	.00	--	.01	--	.00	.00	--	.00	--	--
Total	--	--	--	0.45	1.18	1.88	1.96	1.05	0.56	1.63	--	--

Table 16.—Daily rainfall, in inches, at Academy Acres Drain primary
gage G8 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	0.00	--	--	0.00	0.00	0.00	0.01	0.00	0.22	0.00
2	--	--	.00	--	--	.00	.00	.02	.01	.00	.00	.00
3	--	--	.00	--	--	.00	.00	.00	.00	.00	.28	.00
4	--	--	.00	--	--	.00	.00	.05	.00	.00	.01	.00
5	--	--	.00	--	--	.00	.00	.00	.01	.00	.04	.00
6	--	--	.00	--	--	.00	.00	.22	.00	.00	.00	.00
7	--	--	.00	0.00	--	.05	.00	.01	.00	.00	.00	.00
8	--	--	.00	.00	--	.11	.00	.00	.00	.00	.01	--
9	--	--	.00	.00	0.00	.01	.00	.01	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.57	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.74	.00	.00	.00	--
12	--	--	.00	.30	.00	.00	.00	.01	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.16	.00	.01	.00	.00	.17	.00	--
15	--	--	--	.00	.01	.00	.00	.00	.00	.00	.13	--
16	--	--	--	.00	.34	.00	.01	.01	.00	.00	.02	--
17	--	--	--	.00	.10	.00	.01	.00	.00	.00	.00	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	--	.00	.01	.00	.04	.00	.00	.00	.01	--
21	--	--	--	.00	.04	.00	.22	.14	.00	.00	.00	--
22	--	--	--	.00	.01	.00	.01	.36	.00	.00	.00	--
23	--	--	--	.00	.00	.00	.00	.04	.00	.00	.00	--
24	--	--	--	--	.02	.00	1.05	.18	.00	.01	.00	--
25	--	--	--	--	.00	.00	.01	.74	.01	.01	.00	--
26	--	--	--	--	.00	.00	.00	1.39	.00	.00	.00	--
27	--	--	--	--	.00	.00	.00	.49	.00	.00	.00	--
28	--	--	--	--	.00	.00	.01	.02	.00	.00	.00	--
29	--	--	--	--	.00	.00	.01	.00	.00	.00	.00	--
30	--	--	--	--	.00	.00	.00	.01	.00	.25	.00	--
31	--	--	--	--	.00	--	.00	.01	--	.07	--	--
Total	--	--	--	--	--	0.17	1.38	5.02	0.04	0.51	0.72	--

Table 16.—Daily rainfall, in inches, at Academy Acres Drain primary
gage G8 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	0.00	0.01	0.01	0.00	0.45	0.00	0.00	0.00
2	--	--	--	--	.00	.01	.03	.10	.02	.00	.00	.00
3	--	--	--	--	.00	.00	.00	.01	.01	.00	.00	--
4	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	--	.00	.00	.14	.00	.00	.05	.00	--
6	--	--	--	--	.00	.03	.00	.00	.00	.17	.00	--
7	--	--	--	--	.00	.00	.00	.00	.00	.11	.00	--
8	--	--	--	--	.00	.00	.57	.00	.00	.00	.00	--
9	--	--	--	0.00	.00	.00	1.54	.44	.00	.00	.00	--
10	--	--	--	.00	.00	.14	.00	.01	.00	.00	.00	--
11	--	--	--	.00	.00	.29	.00	.00	.00	.00	.00	--
12	--	--	--	.00	.00	.01	.00	.00	.00	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	--	.31	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.27	.00	.00	.00	--
16	--	--	--	.76	.00	.09	.00	.02	.00	.00	.00	--
17	--	--	--	.00	.00	.01	.24	.11	.00	.00	.00	--
18	--	--	--	.00	.22	.00	.09	.08	.00	.00	.00	--
19	--	--	--	.00	.00	.00	.08	.01	.00	.00	.01	--
20	--	--	--	.00	.28	.00	.01	.00	.00	.00	.00	--
21	--	--	--	.00	.05	.00	.00	.00	.00	.00	.00	--
22	--	--	--	.00	.00	.00	.01	.00	.00	.00	.00	--
23	--	--	--	.00	.00	.00	.01	.24	.00	.00	.00	--
24	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--
25	--	--	--	.00	.00	.40	.01	.00	.00	.00	.00	--
26	--	--	--	.00	.01	.19	.00	.00	.00	.00	.05	--
27	--	--	--	.00	.01	.07	.03	.23	.00	.00	.01	--
28	--	--	--	.00	.00	.06	.38	.30	.00	.00	.00	--
29	--	--	--	.01	.01	.04	.03	.03	.00	.00	.00	--
30	--	--	--	.00	.00	.43	.03	.01	.00	.00	.00	--
31	--	--	--	--	.00	--	.00	.01	--	.00	--	--
Total	--	--	--	--	0.58	1.78	3.21	1.88	0.48	0.33	0.07	--

Table 17.—Daily rainfall, in inches, at Academy Acres Drain secondary
gage G25 for calendar years 1984-85

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.05	0.00	0.15	0.00	0.03	0.00	0.00
2	--	--	--	.00	.00	.06	.00	.17	.00	.08	.00	.00
3	--	--	--	.00	.00	.01	.08	.01	.00	.66	.00	.00
4	--	--	--	.00	.00	.00	.00	.18	.00	.05	.00	.12
5	--	--	0.00	.00	.00	.10	.00	.00	.00	.00	.00	.01
6	--	--	.00	.00	.00	.00	.00	.18	.00	.00	.00	.00
7	--	--	.00	.00	.00	.00	.00	.74	.00	.00	.00	.00
8	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	--	--	.00	.00	.00	.00	.22	.00	.02	.00	.00	.10
12	--	--	.00	.00	.00	.00	.00	.01	.00	.16	.00	.46
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
14	--	--	.00	.00	.00	.00	.00	.00	.26	.00	.00	.02
15	--	--	.00	.00	.00	.00	.00	.00	.01	1.43	.00	.00
16	--	--	.00	.00	.00	.00	.12	.00	.00	.00	.00	.01
17	--	--	.00	.00	.00	.00	.32	.00	.00	.00	.33	.02
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.09	.11
19	--	--	.00	.00	.00	.55	.00	.03	.00	.11	.00	.08
20	--	--	.00	.05	.00	.00	.00	.03	.00	.15	.00	.27
21	--	--	.00	.00	.00	.00	.31	.00	.03	.16	.00	.00
22	--	--	.00	.00	.00	.00	.00	.49	.00	.04	.00	.00
23	--	--	.00	.00	.35	.00	.00	.81	.00	.01	.02	.00
24	--	--	1.22	.00	.00	.10	.00	.00	.00	.21	.14	.00
25	--	--	.00	.00	.00	.01	.00	.00	.25	.00	.08	.00
26	--	--	.42	.33	.00	.00	.00	.09	.75	.18	.00	.00
27	--	--	.21	.00	.00	.00	.01	.00	.00	.01	.00	.11
28	--	--	.00	.09	.00	.00	.00	.01	.00	.00	.00	.18
29	--	--	.00	.06	.00	.00	.00	.00	.00	.00	.00	.03
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	.00
Total	--	--	--	0.53	0.35	0.88	1.06	2.91	1.32	3.28	0.66	1.97

Table 17.—Daily rainfall, in inches, at Academy Acres Drain secondary
gage G25 for calendar years 1984-85—Concluded

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.01	0.00	--	--	--	--	--	--	--	--
2	.00	.01	.00	.00	--	--	--	--	--	--	--	--
3	.00	.01	.00	.00	--	--	--	--	--	--	--	--
4	.00	.04	.00	.00	--	--	--	--	--	--	--	--
5	.00	.00	.00	.00	--	--	--	--	--	--	--	--
6	.00	.00	.00	.00	--	--	--	--	--	--	--	--
7	.00	.00	.00	.00	--	--	--	--	--	--	--	--
8	.20	.00	.00	.00	--	--	--	--	--	--	--	--
9	.00	.06	.00	.00	--	--	--	--	--	--	--	--
10	.00	.01	.00	.00	--	--	--	--	--	--	--	--
11	.00	.00	.03	.00	--	--	--	--	--	--	--	--
12	.00	.00	.68	.00	--	--	--	--	--	--	--	--
13	.09	.00	.01	.00	--	--	--	--	--	--	--	--
14	.04	.00	.00	.00	--	--	--	--	--	--	--	--
15	.00	.00	.03	.00	--	--	--	--	--	--	--	--
16	.01	.00	.00	.00	--	--	--	--	--	--	--	--
17	.00	.00	.00	.00	--	--	--	--	--	--	--	--
18	.00	.00	.00	.47	--	--	--	--	--	--	--	--
19	.00	.00	.22	.00	--	--	--	--	--	--	--	--
20	.00	.01	.01	.00	--	--	--	--	--	--	--	--
21	.00	.00	.00	.12	--	--	--	--	--	--	--	--
22	.01	.17	.00	.36	--	--	--	--	--	--	--	--
23	.02	.07	.00	.00	--	--	--	--	--	--	--	--
24	.01	.00	.00	--	--	--	--	--	--	--	--	--
25	.00	.00	.00	--	--	--	--	--	--	--	--	--
26	.05	.00	.00	--	--	--	--	--	--	--	--	--
27	.03	.00	.00	--	--	--	--	--	--	--	--	--
28	.00	.10	.00	--	--	--	--	--	--	--	--	--
29	.00	--	.07	--	--	--	--	--	--	--	--	--
30	.00	--	.00	--	--	--	--	--	--	--	--	--
31	.00	--	.00	--	--	--	--	--	--	--	--	--
Total	0.46	0.48	1.06	--	--	--	--	--	--	--	--	--

Table 18.—Daily rainfall, in inches, at Academy Acres Drain secondary
gage G26 for calendar years 1985-86

[—, no data]

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	—	—	0.12	0.00	0.00	0.02	0.00
2	—	—	—	—	—	—	—	.29	.01	.00	.00	.00
3	—	—	—	—	—	—	—	.00	.04	.00	.00	.00
4	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
5	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
6	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
7	—	—	—	—	—	—	—	.05	.00	.11	.00	.00
8	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
9	—	—	—	—	—	—	—	.00	.00	.22	.00	.00
10	—	—	—	—	—	—	—	.02	.00	.80	.00	.12
11	—	—	—	—	—	—	—	.02	.01	.04	.00	.00
12	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
13	—	—	—	—	—	—	—	.00	.00	.03	.00	.00
14	—	—	—	—	—	—	—	.00	.00	.00	.05	.00
15	—	—	—	—	—	—	—	.00	.19	.00	.00	.00
16	—	—	—	—	—	—	—	.00	.47	.38	.01	.00
17	—	—	—	—	—	—	—	.00	.10	.18	.04	.00
18	—	—	—	—	—	—	—	.00	.31	.00	.00	.00
19	—	—	—	—	—	—	—	.00	.20	.00	.00	.00
20	—	—	—	—	—	—	—	.17	.40	.00	.00	.00
21	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
22	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
23	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
24	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
25	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
26	—	—	—	—	—	—	—	.00	.00	.00	.04	.00
27	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
28	—	—	—	—	—	—	—	.00	.03	.00	.00	.00
29	—	—	—	—	—	—	—	.00	.03	.00	.00	.00
30	—	—	—	—	—	—	—	.00	.00	.00	.05	.00
31	—	—	—	—	—	—	—	.00	—	.09	—	.05
Total	—	—	—	—	—	—	—	0.67	1.79	1.85	0.21	0.17

Table 18.—Daily rainfall, in inches, at Academy Acres Drain secondary
gage G26 for calendar years 1985-86—Concluded

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	0.00	0.00	0.01	--	--	--	--	--
2	--	--	--	--	.03	.00	.00	--	--	--	--	--
3	--	--	--	--	.17	.00	.00	--	--	--	--	--
4	--	--	--	--	.00	.00	.07	--	--	--	--	--
5	--	--	--	--	.00	.00	.00	--	--	--	--	--
6	--	--	--	--	.00	.00	.00	--	--	--	--	--
7	--	--	--	--	.00	.00	.04	--	--	--	--	--
8	--	--	--	0.00	.00	.00	.04	--	--	--	--	--
9	--	--	--	.00	.00	.00	.00	--	--	--	--	--
10	--	--	--	.00	.00	.00	.00	--	--	--	--	--
11	--	--	--	.00	.00	.00	.00	--	--	--	--	--
12	--	--	--	.00	.00	.00	.00	--	--	--	--	--
13	--	--	--	.00	.00	.00	.00	--	--	--	--	--
14	--	--	--	.00	.00	.00	.00	--	--	--	--	--
15	--	--	--	.00	.00	.00	.00	--	--	--	--	--
16	--	--	--	.00	.08	.00	.39	--	--	--	--	--
17	--	--	--	.00	.06	.17	.00	--	--	--	--	--
18	--	--	--	.00	.00	.00	.00	--	--	--	--	--
19	--	--	--	.00	.00	.00	.00	--	--	--	--	--
20	--	--	--	.00	.00	.00	.00	--	--	--	--	--
21	--	--	--	.00	.00	.00	.00	--	--	--	--	--
22	--	--	--	.00	.00	.00	.48	--	--	--	--	--
23	--	--	--	.04	.00	.00	.00	--	--	--	--	--
24	--	--	--	.02	.00	.02	.00	--	--	--	--	--
25	--	--	--	.09	.00	.04	.00	--	--	--	--	--
26	--	--	--	.00	.00	.00	.00	--	--	--	--	--
27	--	--	--	.00	.00	.00	.00	--	--	--	--	--
28	--	--	--	.00	.00	.00	.00	--	--	--	--	--
29	--	--	--	.00	.02	.02	.00	--	--	--	--	--
30	--	--	--	.00	.00	.02	.00	--	--	--	--	--
31	--	--	--	--	.00	--	.00	--	--	--	--	--
Total	--	--	--	--	0.36	0.27	1.03	--	--	--	--	--

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>August 23, 1984</u>			
19:45		0.11	
19:50		.18	
19:55		.06	
20:00		.04	
20:05		.08	
20:10		.14	0.29
20:15		.09	.25
20:20		.03	.19
20:25	0.04	.02	.16
20:30			.12
20:35		.02	.10
20:40	.05	.01	.08
20:45	.16		.06
20:50	.04		.07
20:55	.06		.33
21:00	.05		7.50
21:05	.05		.19
21:10	.07		.18
21:15	.01		.15
21:20	.01		.23
21:25	.02		.36
21:30	.02		.28
21:35	.01		.17
21:40	.01		.11
21:45			7.40
21:50			5.10
21:55			3.90
22:00			2.90
22:05			2.10
22:10			1.60
22:15			1.10
22:20			.83
22:25			.61
22:30			.46
22:35			.36

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>August 23, 1984</u>			
22:40			0.27
22:45			.21
22:50			.18
22:55			.13
23:00			.11
23:05			.09
23:10			.08
23:15			.06
23:20			.05
23:25			.04

Total	0.60	0.78	

Total storm runoff over watershed = 0.03
inch.

<u>September 26, 1984</u>			
02:10		0.01	0.01
02:15	0.01		.01
02:20	.02		.01
02:25	.01	.01	.01
02:30	.01		.02
02:35			.02
02:40	.01		.54
02:45	.01	.01	1.70
02:50	.01		1.60
02:55	.01	.01	1.40
03:00	.01	.01	1.20
03:05	.01		1.00
03:10			1.10
03:15		.01	1.10
03:20	.01		1.10
03:25			1.00
03:30			.87
03:35	.01		.79
03:40			.68
03:45			.57

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>September 26, 1984</u>			
03:50			0.51
03:55	0.01		.43
04:00			.41
04:05	.01		.38
04:10			.41
04:15			.46
04:20			.57
04:25			.71
04:30			.75
04:35			.68
04:40			.54
04:45			.43
04:50			.33
04:55			.25
05:00			.19
05:05			.15
05:10			.12
05:15			.09
05:20			.07
05:25			.06
05:30			.04
05:35			.04
05:40			.03
05:45			.03
05:50			.02
05:55			.02
06:00			.01
06:05			.01
06:10			.01
06:15			.01
06:20			.01
06:25			.01
06:30			.01
06:35			.01
06:40			.01

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>September 26, 1984</u>			
06:45			0.01
06:50			.01
06:55			.01
07:00			.01
07:05			.01
07:10			.01
07:15			.01
07:20			.01
07:25			.01
07:30			.01
07:35			.01
07:40			.01
07:45			.01
07:50			.01
07:55			.01
08:00			.01
08:05			.01
09:40	0.01		
13:00		0.01	
13:05		.01	
13:10		.01	
13:15		.01	
13:20		.02	
13:25		.01	
13:30		.01	
13:35		.01	
13:40		.01	
13:55		.01	
14:00	.02		
14:05	.01	.01	
14:10	.01		
14:15	.01	.01	
14:20	.01	.01	
14:25	.01	.03	.83
14:30	.02	.02	1.90

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>September 26, 1984</u>			
14:35	0.01	0.02	2.20
14:40		.02	2.30
14:45		.01	2.60
14:50	.01	.01	2.40
14:55		.01	2.10
15:00		.02	1.70
15:05	.01	.01	1.40
15:10		.02	1.10
15:15	.01	.02	.87
15:20	.01	.01	.71
15:25	.03	.03	.68
15:30	.03	.03	.75
15:35		.02	1.10
15:40	.03	.01	2.30
15:45		.02	4.80
15:50	.02	.01	5.00
15:55	.01	.01	4.60
16:00	.01		3.90
16:05	.01	.01	3.40
16:10	.01	.01	3.00
16:15	.02		2.70
16:20	.01	.01	2.70
16:25	.03		2.90
16:30	.03	.01	3.50
16:35	.01		4.30
16:40	.01	.01	4.90
16:45	.01		5.60
16:50	.01	.01	5.80
16:55	.01		4.90
17:00		.01	4.00
17:05	.01	.01	3.40
17:10	.01	.01	3.00
17:15			2.50
17:20	.01		2.10
17:25		.01	1.80

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>September 26, 1984</u>			
17:30	0.01		1.60
17:35			1.60
17:40	.01		1.40
17:45			1.30
17:50	.01		1.20
17:55			1.10
18:00	.01		1.00
18:05	.01		1.00
18:10	.01		1.00
18:15			1.00
18:20		0.01	1.00
18:25	.01		1.10
18:30			1.10
18:35			1.10
18:40		.01	1.00
18:45			.87
18:50			.71
18:55			.57
19:00			.46
19:05		.01	.38
19:10			.31
19:15			.25
19:20			.19
19:25	.01	.01	.16
19:30			.13
19:35			.11
19:40		.01	.10
19:45			.09
19:50	.01		.08
19:55			.08
20:00			.08
20:05			.08
20:10			.11
20:15	.01		.13
20:20			.16

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>September 26, 1984</u>			
20:25			0.18
20:30	0.01		.19
20:35			.21
20:40			.23
20:45	.01		.27
20:50			.31
20:55			.36
21:00			.38
21:05			.38
21:10			.36
21:15			.31
21:20			.27
21:25			.21
21:30			.18
21:35			.15
21:40			.12
21:45			.10
21:50			.08
21:55			.07
22:00			.05
22:05			.04
22:10			.04
22:15			.03
22:20			.03
22:25			.02
22:30			.02
22:35			.02
22:40			.01

Total	0.74	0.68	

Total storm runoff over watershed = 0.16
inch.

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
09:55			0.01
10:00	0.01	0.01	.16
10:05			.49
10:10			.54
10:15			.51
10:20	.01		.49
10:25			.46
10:30			.49
10:35		.01	.49
10:40			.49
10:45			.46
10:50		.01	.41
10:55			.36
11:00			.31
11:05			.25
11:10			.21
11:15			.18
11:20			.13
11:25			.11
11:30	.01		.10
11:35			.09
11:40		.01	.08
11:45			.06
11:50		.02	.06
11:55	.01	.02	.07
12:00		.02	.11
12:05		.07	.15
12:10		.05	.23
12:15		.03	.23
12:20		.02	.23
12:25		.02	.21
12:30		.02	.18
12:35		.01	.15
12:40		.02	.13
12:45	.01	.01	.11

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>October 3, 1984</u>			
12:50	0.01	0.01	0.10
12:55	.02	.02	.11
13:00	.04	.01	.12
13:05	.05	.01	.51
13:10	.04	.02	3.30
13:15	.03	.01	7.80
13:20	.01	.01	11.00
13:25	.02	.01	9.60
13:30	.01	.01	7.70
13:35	.01	.02	6.00
13:40	.01	.03	4.90
13:45	.01	.02	4.10
13:50	.02	.01	3.50
13:55	.02		3.20
14:00	.01		3.30
14:05	.01		3.60
14:10	.01		3.70
14:15	.01		3.50
14:20	.01		3.20
14:25	.01		2.90
14:30	.02		2.90
14:35	.03		2.80
14:40	.02		3.00
14:45	.01		3.40
14:50	.01		4.10
14:55			4.90
15:00			4.80
15:05	.01		3.70
15:10			2.70
15:15			1.80
15:20			1.30
15:25			.87
15:30			.64
15:35			.46
15:40			.36

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
------	--------------------------------	---------------------------------	--------------------------------------

October 3, 1984

15:45			0.27
15:50			.19
15:55			.16
16:00			.12
16:05			.10
16:10			.08
16:15			.07
16:20			.05
16:25			.04
16:30			.04
16:35			.03
16:40			.02
16:45			.02
16:50			.02
16:55			.01

Total 0.51 0.54

Total storm runoff over watershed = 0.135
inch.

October 15, 1984

12:45	0.02	0.03	
12:50	.02	.04	
12:55	.01	.03	1.70
13:00	.03	.04	2.90
13:05	.02	.02	4.40
13:10	.02	.02	5.20
13:15	.01	.03	5.50
13:20	.01	.01	5.60
13:25	.01	.02	5.50
13:30	.04	.02	4.90
13:35	.03	.01	4.20
13:40	.02	.01	4.00
13:45	.03	.02	4.70
13:50	.02	.02	6.50
13:55	.02	.03	8.30

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
14:00	0.03	0.01	8.10
14:05	.02	.02	8.00
14:10	.03	.03	8.00
14:15	.02	.05	8.00
14:20	.01	.01	7.50
14:25	.02	.02	6.80
14:30	.01	.01	6.40
14:35	.02	.04	6.00
14:40	.02	.03	5.20
14:45	.01	.02	4.60
14:50	.02	.02	4.00
14:55	.02	.02	4.00
15:00	.01	.01	4.60
15:05	.03	.04	4.70
15:10	.03	.03	5.10
15:15	.03	.02	5.60
15:20	.02	.02	6.10
15:25	.02	.02	7.50
15:30	.03	.02	8.80
15:35	.03	.04	7.50
15:40	.02	.02	6.30
15:45	.02	.02	6.10
15:50	.01	.02	7.20
15:55	.03	.02	7.40
16:00	.02	.01	6.70
16:05	.03	.02	6.80
16:10	.03	.01	7.40
16:15	.02	.01	8.30
16:20	.02	.01	9.60
16:25	.02	.02	9.50
16:30	.02	.04	8.60
16:35	.02	.02	7.80
16:40	.02	.01	7.50
16:45	.02	.01	7.20
16:50	.01	.01	7.40

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
16:55	0.01		7.20
17:00	.01		6.80
17:05	.02		6.10
17:10	.01		5.40
17:15	.01	0.01	4.90
17:20	.01	.01	4.70
17:25	.03		4.40
17:30	.02		4.10
17:35	.02	.01	4.10
17:40			5.00
17:45	.01		6.10
17:50		.01	6.10
17:55	.01		5.00
18:00			3.90
18:05			3.00
18:10	.01		2.30
18:15	.01		1.80
18:20			1.40
18:25			1.30
18:30			1.20
18:35			1.20
18:40	.01		1.20
18:45			1.10
18:50			.95
18:55			.79
19:00			.64
19:05			.54
19:10			.49
19:15			.43
19:20			.36
19:25			.31
19:30			.25
19:35			.19
19:40			.16
19:45			.12

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>October 15, 1984</u>			
19:50			0.10
19:55			.08
20:00			.07
20:05			.06
20:10			.04
20:15			.04
20:20			.03
20:25			.03
20:30			.02
20:35			.02
20:40			.02
20:45			.01

Total	1.24	1.12	

Total storm runoff over watershed = 0.41
inch.

<u>March 3, 1985</u>			
00:10			0.01
00:15		0.01	.01
00:20	0.01		.01
00:25			.01
00:30			.01
00:35			.01
00:40		.01	.01
00:45	.01		.01
00:50			.01
00:55			.01
01:00			.01
01:05			.01
01:10	.01	.01	.02
01:15			.09
01:20	.01	.01	.13

Table 19.--Rainfall and runoff data for selected storms at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 3, 1985</u>			
01:25			0.18
01:30	0.01		.25
01:35		0.01	.36
01:40			.57
01:45			.79
01:50			.83
01:55			.71
02:00			.57
02:05			.46
02:10			.36
02:15			.29
02:20			.23
02:25			.18
02:30	.01	.01	.15
02:35			.12
02:40			.10
02:45			.09
02:50			.08
02:55			.07
03:00			.07
03:05			.06
03:10			.06
03:15			.07
03:20			.06
03:25		.01	.07
03:30	.01		.07
03:35		.01	.07
03:40			.07
03:45	.01		.10
03:50		.01	.15
03:55			.21
04:00	.01	.01	.38
04:05			.61
04:10	.01	.01	.75
04:15	.01	.01	.83

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 3, 1985</u>			
04:20	0.01	0.01	0.91
04:25		.01	1.00
04:30	.01		1.20
04:35	.01	.01	1.60
04:40		.01	1.80
04:45	.01	.01	1.90
04:50	.01	.01	1.80
04:55			1.70
05:00	.01		1.70
05:05		.01	1.70
05:10			1.60
05:15	.01	.01	1.40
05:20		.01	1.20
05:25	.02	.01	1.10
05:30	.01	.01	1.10
05:35	.01	.01	1.30
05:40	.01	.02	1.60
05:45	.01	.02	2.10
05:50	.01		2.30
05:55	.01	.01	2.30
06:00		.01	2.40
06:05	.01	.01	2.30
06:10	.01		2.00
06:15	.01	.01	1.70
06:20		.01	1.50
06:25	.02	.01	1.50
06:30		.01	1.50
06:35	.01		1.50
06:40	.01	.01	1.60
06:45	.01	.01	1.70
06:50		.01	1.80
06:55	.01		1.80
07:00	.01	.01	1.70
07:05			1.70
07:10			1.60

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 3, 1985</u>			
07:15			1.40
07:20		0.01	1.20
07:25	0.01		.95
07:30		.01	.83
07:35		.01	.71
07:40	.01		.64
07:45	.01	.01	.64
07:50		.01	.75
07:55	.01	.01	.95
08:00			1.20
08:05	.01	.01	1.30
08:10	.01	.01	1.40
08:15		.01	1.40
08:20	.01		1.40
08:25	.01	.01	1.40
08:30		.01	1.40
08:35	.01		1.40
08:40		.01	1.40
08:45	.01		1.40
08:50		.01	1.40
08:55	.01		1.30
09:00			1.20
09:05		.01	1.10
09:10	.01	.01	.95
09:15	.01		.83
09:20	.01	.01	.79
09:25		.01	.79
09:30	.01		.83
09:35		.01	.95
09:40			1.10
09:45	.01	.01	1.10
09:50			1.10
09:55			1.10
10:00	.01	.01	1.00
10:05			.95

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 3, 1985</u>			
10:10	0.01		0.87
10:15		0.01	.87
10:20	.01		.87
10:25		.01	.87
10:30	.01		.87
10:35		.01	.87
10:40	.01		.91
10:45		.01	.95
10:50			1.00
10:55	.01	.01	1.00
11:00			1.00
11:05			.95
11:10	.01	.01	.91
11:15			.91
11:20			.87
11:25			.79
11:30			.75
11:35			.64
11:40			.54
11:45			.46
11:50			.38
11:55			.29
12:00			.25
12:05			.19
12:10			.16
12:15			.13
12:20			.11
12:25			.09
12:30			.08
12:35			.06
12:40			.04
12:45			.04
12:50			.03
12:55			.02
13:00			.02

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 3, 1985</u>			
13:05			0.02
13:10			.01
13:15			.01
13:20	0.01	0.01	.01
13:25			.01
13:30	.02	.01	.01
13:35		.01	.01
13:40	.01		.01
13:45			.01
13:50			.06
13:55			1.20
14:00			1.10
14:05			.95
14:10			.71
14:15			.51
14:20			.38
14:25			.29
14:30			.23
14:35			.18
14:40			.15
14:45			.12
14:50			.10
14:55			.08
15:00			.06
15:05			.05
15:10			.04
15:15			.04
15:20			.03
15:25			.02
15:30			.02
15:35			.02
15:40			.01
15:45			.01
15:50			.01

Total	0.63	0.68	

Total storm runoff over watershed = 0.13
inch.

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
01:05			0.01
01:10	0.01		.02
01:15			.09
01:20	.01		.13
01:25			.18
01:30	.01		.25
01:35			.36
01:40			.57
01:45			.79
01:50			.83
01:55			.71
02:00			.57
02:05			.46
02:10			.36
02:15			.29
02:20			.23
02:25			.18
02:30	.01		.15
02:35			.12
02:40			.10
02:45			.09
02:50			.08
02:55			.07
03:00			.07
03:05			.06
03:10			.06
03:15			.07
03:20			.06
03:25			.07
03:30	.01		.07
03:35		0.01	.07
03:40			.07
03:45	.01		.10
03:50		.01	.15
03:55			.21

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
04:00	0.01	0.01	0.38
04:05			.61
04:10	.01	.01	.75
04:15	.01	.01	.83
04:20	.01	.01	.91
04:25		.01	1.00
04:30	.01		1.20
04:35	.01	.01	1.60
04:40		.01	1.80
04:45	.01	.01	1.90
04:50	.01	.01	1.80
04:55			1.70
05:00	.01		1.70
05:05		.01	1.70
05:10			1.60
05:15	.01	.01	1.40
05:20		.01	1.20
05:25	.02	.01	1.10
05:30	.01	.01	1.10
05:35	.01	.01	1.30
05:40	.01	.02	1.60
05:45	.01	.02	2.10
05:50	.01		2.30
05:55	.01	.01	2.30
06:00		.01	2.40
06:05	.01	.01	2.30
06:10	.01		2.00
06:15	.01	.01	1.70
06:20		.01	1.50
06:25	.02	.01	1.50
06:30		.01	1.50
06:35	.01		1.50
06:40	.01	.01	1.60
06:45	.01	.01	1.70
06:50		.01	1.80

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
06:55	0.01		1.80
07:00	.01	0.01	1.70
07:05			1.70
07:10			1.60
07:15			1.40
07:20			1.20
07:25	.01		.95
07:30		.01	.83
07:35		.01	.71
07:40	.01		.64
07:45	.01	.01	.64
07:50		.01	.75
07:55	.01	.01	.95
08:00			1.20
08:05	.01	.01	1.30
08:10	.01	.01	1.40
08:15		.01	1.40
08:20	.01		1.40
08:25	.01	.01	1.40
08:30		.01	1.40
08:35	.01		1.40
08:40		.01	1.40
08:45	.01		1.40
08:50		.01	1.40
08:55	.01		1.30
09:00			1.20
09:05		.01	1.10
09:10	.01	.01	.95
09:15	.01		.83
09:20	.01	.01	.79
09:25		.01	.79
09:30	.01		.83
09:35		.01	.95
09:40			1.10
09:45	.01	.01	1.10

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
09:50			1.10
09:55			1.10
10:00	0.01	0.01	1.00
10:05			.95
10:10	.01		.87
10:15		.01	.87
10:20	.01		.87
10:25		.01	.87
10:30	.01		.87
10:35		.01	.87
10:40	.01		.91
10:45		.01	.95
10:50			1.00
10:55	.01	.01	1.00
11:00			1.00
11:05			.95
11:10	.01		.91
11:15			.91
11:20		.01	.87
11:25			.79
11:30		.01	.75
11:35		.01	.64
11:40			.54
11:45			.46
11:50			.38
11:55			.29
12:00			.25
12:05			.19
12:10			.16
12:15			.13
12:20			.11
12:25			.09
12:30			.08
12:35			.06
12:40			.04

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
<u>March 12, 1985</u>			
12:45			0.04
12:50			.03
12:55			.02
13:00			.02
13:05			.02
13:10			.01
13:15			.01
13:20	0.01		.01
13:25			.01
13:30	.02		.01
13:35			.01
13:40	.01		.01
13:45			.01
13:50			.06
13:55			1.20
14:00			1.10
14:05			.95
14:10			.71
14:15			.51
14:20			.38
14:25			.29
14:30			.23
14:35			.18
14:40			.15
14:45			.12
14:50			.10
14:55			.08
15:00			.06
15:05			.05
15:10			.04

Table 19.--Rainfall and runoff data for selected storms at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 25 rainfall (inches)	Runoff (cubic feet per second)
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March 12, 1985

15:15			0.04
15:20			.03
15:25			.02
15:30			.02
15:35			.02

15:40			.01
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Total	0.61	0.59	
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Total storm runoff over watershed = 0.137 inch.

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
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April 28, 1985

04:00	0.02	
04:05	.03	
04:10	.01	
04:15	.02	2.80
04:20	.04	4.10

04:25	.04	4.40
04:30	.02	5.40
04:35	.03	6.30
04:40	.02	7.40
04:45	.03	7.40

04:50	.03	6.50
04:55	.03	6.10
05:00	.04	6.50
05:05	.02	7.70
05:10	.03	8.80

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
05:15	0.02	9.00
05:20	.02	8.00
05:25		6.50
05:30	.02	5.50
05:35		4.70
05:40	.01	3.70
05:45	.01	3.00
05:50		2.40
05:55		1.90
06:00		1.60
06:05		1.20
06:10	.01	.95
06:15		.75
06:20		.57
06:25	.01	.49
06:30		.43
06:35		.43
06:40		.54
06:45		.64
06:50		.61
06:55		.49
07:00		.38
07:05		.31
07:10		.25
07:15		.19
07:20		.15
07:25		.12
07:30	.01	.10
07:35		.09
07:40		.07
07:45		.06
07:50		.05
07:55	.01	.05
08:00	.02	.06
08:05	.02	.07

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
08:10	0.01	0.09
08:15	.01	1.20
08:20		2.90
08:25		3.10
08:30	.01	2.30
08:35		1.70
08:40	.01	1.30
08:45	.04	1.00
08:50	.02	1.60
08:55	.01	3.20
09:00	.02	4.40
09:05	.01	4.60
09:10	.02	4.70
09:15	.01	4.70
09:20		3.60
09:25		2.80
09:30		2.10
09:35	.01	1.60
09:40	.01	1.30
09:45	.01	1.00
09:50	.01	1.10
09:55		1.30
10:00	.01	1.90
10:05		2.30
10:10		2.10
10:15		1.70
10:20		1.30
10:25		.91
10:30	.01	.68
10:35		.54
10:40		.49
10:45	.01	.46
10:50	.01	.57
10:55	.03	1.00
11:00	.02	1.40

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
11:05	0.01	1.90
11:10		2.70
11:15	.01	3.30
11:20		3.20
11:25	.01	2.70
11:30	.01	2.20
11:35	.01	1.90
11:40	.01	1.90
11:45	.01	2.50
11:50	.01	3.40
11:55	.01	3.80
12:00		3.50
12:05		3.10
12:10	.01	2.70
12:15		2.20
12:20		1.80
12:25		1.40
12:30		1.10
12:35		.83
12:40		.64
12:45		.49
12:50	.01	.41
12:55	.01	.33
13:00		.31
13:05		.33
13:10	.01	.41
13:15		.71
13:20		1.00
13:25		1.00
13:30		.87
13:35		.71
13:40		.54
13:45		.46
13:50		.36
13:55		.27

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
14:00		0.21
14:05		.18
14:10		.13
14:15		.12
14:20		.10
14:25		.08
14:30		.07
14:35		.05
14:40		.04
14:45		.04
14:50		.03
14:55		.03
15:00		.02
15:05		.02
15:10		.01
15:15		.01
15:20		.01
15:25		.01
15:30		.01
15:35		.01
15:40		.01
15:45		.01
15:50		.01
15:55		.01
16:00		.01
16:05		.01
16:10		.01
16:15		.01
16:20		.01
16:25		.01
16:30		.01
16:35		.01
16:40		.01
16:45		.01
16:50		.01

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
16:55		0.01
17:00		.01
17:05		.01
17:10		.01
17:15		.01
17:20		.01
21:15	0.01	
21:25	.01	
21:40	.01	
21:55		.87
22:00		1.20
22:05		1.20
22:10		.95
22:15		.75
22:20		.54
22:25		.43
22:30		.31
22:35		.25
22:40		.19
22:45		.16
22:50		.12
22:55		.10
23:00		.09
23:05		.07
23:10		.06
23:15		.04
23:20		.04
23:25		.03
23:30		.03
23:35		.02
23:40		.02
23:45		.01

Total	1.03	
Total storm runoff over watershed = 0.27 inch.		

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>September 16, 1985</u>			
07:55	0.02		
08:00	.02		
11:30	.01		
13:45	.02		
13:50	.02		
16:20	.02	0.01	
16:25	.03	.02	
16:30	.02	.02	
16:35	.04	.09	0.07
16:40	.08	.05	2.10
16:45	.05	.09	6.10
16:50	.02	.02	.11
16:55	.05	.03	.14
17:00	.03	.05	.13
17:05	.01	.01	.11
17:10			9.60
17:15			8.10
17:20			5.40
17:25	.01		3.30
17:30	.01		2.20
17:35	.01	.02	1.40
17:40	.03	.03	1.00
17:45	.01	.03	.91
17:50			1.20
17:55			1.70
18:00			3.50
18:05			3.00
18:10			2.00
18:15			1.30
18:20			.95
18:25			.64
18:30			.46
18:35			.33
18:40			.25
18:45			.18

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
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September 16, 1985

18:50			0.13
18:55			.11
19:00			.08
19:05			.06
19:10			.05

19:15			.04
19:20			.03
19:25			.03
19:30			.02
19:35			.02

19:40			.01
19:45			.01

Total	0.51	0.47	
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Total storm runoff over watershed = 0.05
inch.

September 20, 1985

07:45	0.01	0.02	
07:50		.01	
08:05			0.05
08:10			1.20
08:15			1.10

08:20			.83
08:25			.61
08:30			.43
08:35			.31
08:40			.23

08:45			.16
08:50			.12
08:55			.10
09:00			.08
09:05			.06

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
09:10			0.04
09:15			.04
09:20			.03
09:25	0.01		.02
09:30	.02		.02
09:35	.02	0.02	.03
09:40		.01	.03
09:45		.01	.03
09:50			.21
09:55			.51
10:00			1.00
10:05	.01		1.10
10:10		.01	.91
10:15	.01	.01	.75
10:20	.01	.01	.61
10:25			.51
10:30			.51
10:35			.57
10:40			.83
10:45			.87
10:50			.83
10:55			.68
11:00			.51
11:05			.41
11:10			.31
11:15			.23
11:20			.18
11:25			.13
11:30			.11
11:35			.08
11:40			.07
11:45			.05
11:50			.04
11:55			.03
12:00			.03

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
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September 20, 1985

12:05			0.02
12:10			.02
12:15			.01
12:20			.01

Total 0.09 0.10

Total storm runoff over watershed = 0.01
inch.

September 20, 1985

15:30	0.10	0.04	0.02
15:35	.03	.01	3.40
15:40	.01		8.00
15:45			.11
15:50	.01	.01	7.40
15:55	.02		4.30
16:00	.01		3.00
16:05			2.30
16:10		.01	1.90
16:15			1.70
16:20		.01	1.60
16:25			1.20
16:30			1.00
16:35			.91
16:40			.91
16:45	.04		.95
16:50	.03	.05	1.00
16:55	.03	.01	1.20
17:00	.02	.02	1.70
17:05	.02	.04	2.60
17:10	.01	.01	4.80
17:15			5.40
17:20	.01	.01	5.80
17:25		.01	5.50
17:30	.01	.01	4.40

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
17:35			3.40
17:40			2.60
17:45			2.10
17:50		0.01	1.70
17:55		.01	1.40
18:00			1.20
18:05	0.01		1.00
18:10		.01	.91
18:15			.79
18:20			.79
18:25			.79
18:30			.75
18:35	.01		.71
18:40			.68
18:45		.01	.57
18:50			.49
18:55		.01	.41
19:00			.33
19:05			.27
19:10			.23
19:15			.19
19:20			.18
19:25			.18
19:30			.18
19:35			.16
19:40			.15
19:45			.13
19:50			.11
19:55			.10
20:00			.08
20:05			.07
20:10			.06
20:15			.04
20:20			.04
20:25			.03

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
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September 20, 1985

20:30			0.03
20:35			.02
20:40			.02
20:45			.01
20:50			.01

20:55			.01
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Total	0.37	0.29	
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Total storm runoff over watershed = 0.09
inch.

October 10-11, 1985

18:30	0.01		0.01
18:35			.01
18:40			.01
18:45			.01
18:50			.01

18:55	.02		.01
19:00		0.01	.01
19:05	.01		.01
19:10		.01	.01
19:15			.01

19:20			.01
19:25			.01
19:30			.01
19:35			.01
19:40			.07

19:45	.14	.01	.29
19:50	.03	.11	1.00
19:55	.01	.02	4.20
20:00	.01	.01	9.80
20:05			9.10

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
20:10	0.01	0.01	5.80
20:15		.01	3.70
20:20	.01		2.60
20:25	.01	.01	2.00
20:30	.02	.02	1.70
20:35	.03	.03	1.70
20:40	.02	.02	2.30
20:45		.01	3.30
20:50	.01		4.30
20:55	.01		4.20
21:00			3.30
21:05			2.50
21:10	.02	.01	1.90
21:15	.01	.02	1.60
21:20	.01	.01	1.40
21:25	.02		1.60
21:30	.02	.03	2.20
21:35	.01	.01	2.70
21:40	.01	.01	2.80
21:45	.01	.01	2.80
21:50	.01	.02	2.90
21:55	.02	.01	2.80
22:00	.01	.02	2.80
22:05	.02	.02	2.90
22:10	.01		3.20
22:15	.01	.02	3.50
22:20	.01	.01	3.60
22:25	.02	.02	3.60
22:30	.02	.03	3.70
22:35	.02	.02	4.10
22:40	.02	.02	4.80
22:45	.01		4.90
22:50	.01	.02	4.60
22:55	.02	.01	4.00
23:00	.01	.02	3.70

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>October 10-11, 1985</u>			
23:05			3.50
23:10		0.01	3.30
23:15			3.10
23:20			2.50
23:25	0.01		2.00
23:30	.01		1.60
23:35	.01	.01	1.20
23:40	.05	.03	1.20
23:45	.03	.04	1.60
23:50	.01	.03	2.80
23:55			4.90
24:00	.01		5.80
00:05		.01	4.80
00:10	.01	.01	3.60
00:15			2.70
00:20	.01		2.20
00:25	.01	.01	1.90
00:30	.01	.02	1.70
00:35	.01		1.60
00:40		.01	1.70
00:45			1.90
00:50			1.90
00:55			1.60
01:00			1.20
01:05			.91
01:10			.68
01:15			.51
01:20			.43
01:25			.33
01:30			.27
01:35			.23
01:40			.18
01:45			.15
01:50			.13
01:55			.11

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time.	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
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October 10-11, 1985

02:00			0.10
02:05			.09
02:10			.07
02:15			.06
02:20			.05
02:25			.04
02:30			.03
02:35			.03
02:40			.02
02:45			.02
02:50			.02
02:55			.01

Total	0.86	0.80	
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Total storm runoff over watershed = 0.21
inch.

June 17, 1986

18:00	0.08		
18:05	.10	0.03	0.19
18:10	.14		8.30
18:15	.09		16.00
18:20	.04	.01	14.00
18:25	.02	.02	9.10
18:30	.01	.01	6.30
18:35		.05	4.40
18:40	.01	.03	3.60
18:45		.02	3.60
18:50	.01		5.00
18:55			5.80
19:00			4.30
19:05			2.80
19:10			1.80

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>June 17, 1986</u>			
19:15			1.20
19:20			.79
19:25			.54
19:30			.38
19:35			.29
19:40			.21
19:45			.15
19:50			.11
19:55			.09
20:00			.07
20:05			.06
20:10			.05
20:15			.04
20:20			.03
20:25			.02
20:30			.02
20:35			.02
20:40			.01

Total	0.50	0.17	

Total storm runoff over watershed = 0.09
inch.

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Gage 26 rainfall (inches)	Runoff (cubic feet per second)
<u>July 22, 1986</u>			
17:05	0.06	0.04	
17:10	.11	.06	0.02
17:15	.11	.15	5.10
17:20	.14	.16	22.00
17:25	.09	.05	40.00
17:30	.01		41.00
17:35	.01		27.00
17:40			14.00
17:45			8.10
17:50			4.90
17:55			3.20
18:00			2.30
18:05	.01		1.60
18:10			1.00
18:15			.71
18:20			.51
18:25			.38
18:30			.29
18:35			.21
18:40			.18
18:45			.13
18:50			.11
18:55			.09
19:00			.09
19:05			.06
19:10			.04
19:15			.04
19:20			.03
19:25			.03
19:30			.02
19:35			.02
19:40			.02
19:45			.01

Total	0.63	0.56	

Total storm runoff over watershed = 0.19
inch.

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>August 10, 1986</u>		
18:40	0.06	0.01
18:45	.07	6.40
18:50	.05	26.00
18:55	.03	23.00
19:00	.04	17.00
19:05	.01	11.00
19:10	.01	7.80
19:15		6.10
19:20		4.20
19:25		2.70
19:30		1.70
19:35		1.10
19:40		.79
19:45		.57
19:50		.41
19:55		.31
20:00		.21
20:05		.16
20:10		.12
20:15		.09
20:20		.07
20:25		.05
20:30		.04
20:35		.03
20:40		.03
20:45		.02
20:50		.01

Total 0.27

Total storm runoff over watershed = 0.11
inch.

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>		
00:40	0.01	
01:20		0.18
01:25		.18
01:30		.16
01:35		.13
01:40		.09
01:45	.01	.07
01:50		.05
01:55		.04
02:00	.01	.04
02:05		.03
02:10	.01	.03
02:15	.01	.03
02:20	.02	.04
02:25	.01	.18
02:30	.02	.95
02:35		1.60
02:40	.02	2.20
02:45	.02	2.80
02:50	.01	3.20
02:55		3.40
03:00	.01	3.20
03:05		2.50
03:10		1.90
03:15		1.40
03:20		1.10
03:25	.02	.83
03:30	.01	.75
03:35	.01	.64
03:40	.01	.83
03:45	.02	1.50
03:50	.01	1.90
03:55	.01	2.30
04:00		2.60
04:05	.01	2.60

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>		
04:10		2.30
04:15	0.01	2.00
04:20		1.70
04:25	.01	1.40
04:30		1.20
04:35	.01	1.00
04:40		.91
04:45	.01	.83
04:50		.79
04:55		.71
05:00		.64
05:05		.61
05:10		.49
05:15		.41
05:20		.33
05:25	.01	.27
05:30		.21
05:35		.18
05:40		.15
05:45		.13
05:50		.12
05:55		.12
06:00		.12
06:05		.12
06:10		.12
06:15		.10
06:20		.09
06:25		.08
06:30		.07
06:35		.05
06:40		.04
06:45		.04
06:50		.03
06:55		.02
07:00		.02

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>		
07:05		0.02
07:10		.01
07:15		.01
07:20		.01
07:25		.01
07:30		.01
07:35		.01
07:40		.01
07:45		.01
07:50		.01
07:55		.01
08:00		.01
08:05		.01
08:10		.01
08:15		.01
08:20	0.01	.01
08:25		.01
08:30		.01
08:35		.01
08:40		.01
09:10	.01	
09:15	.01	
09:20	.01	
09:25	.01	.01
09:30	.01	.01
09:35	.02	.05
09:40	.02	1.60
09:45	.01	2.60
09:50	.01	2.80
09:55	.01	2.80
10:00	.01	2.70
10:05		2.30
10:10	.01	2.10
10:15	.01	1.70
10:20	.01	1.60

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>		
10:25	0.01	1.60
10:30	.02	1.80
10:35	.01	2.10
10:40	.01	2.30
10:45		2.40
10:50	.01	2.30
10:55	.01	2.10
11:00		1.80
11:05		1.50
11:10	.01	1.30
11:15		1.10
11:20		1.00
11:25		.87
11:30		.75
11:35		.64
11:40	.01	.51
11:45		.43
11:50	.01	.38
11:55		.33
12:00		.31
12:05		.29
12:10	.01	.29
12:15		.29
12:20		.29
12:25		.29
12:30		.29
12:35		.25
12:40		.21
12:45		.18
12:50	.01	.16
12:55		.15
13:00	.01	.13
13:05		.16
13:10	.01	.29
13:15		.57

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>November 2, 1986</u>		
13:20	0.01	0.79
13:25	.01	.83
13:30		.87
13:35	.01	.83
13:40	.01	.91
13:45		1.00
13:50		1.10
13:55		1.20
14:00		1.10
14:05		.91
14:10	.01	.68
14:15		.51
14:20		.38
14:25		.29
14:30		.23
14:35	.01	.18
14:40	.01	.16
14:45		.15
14:50		.18
14:55		.29
15:00		.54
15:05		.64
15:10		.57
15:15		.49
15:20		.38
15:25		.29
15:30		.21
15:35		.16
15:40		.12
15:45		.10
15:50		.08
15:55		.06
16:00		.05
16:05		.04
16:10		.04

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
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November 2, 1986

16:15		0.03
16:20		.02
16:25		.02
16:30		.01

Total	0.69	
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Total storm runoff over watershed = 0.13
inch.

August 10-11, 1987

21:30	0.11	5.10
21:35	.08	23.00
21:40	.04	24.00
21:45	.05	18.00
21:50	.06	17.00
21:55	.09	21.00
22:00	.06	18.00
22:05	.01	12.00
22:10	.03	7.80
22:15	.01	5.90
22:20		4.80
22:25		3.60
22:30	.01	2.70
22:35		1.90
22:40		1.30
22:45		.95
22:50		.71
22:55		.54
23:00		.43
23:05		.33
23:10		.27
23:15		.21
23:20		.18
23:25		.15
23:30		.11

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>August 10-11, 1987</u>		
23:35		0.09
23:40		.07
23:45		.05
23:50		.04
23:55		.03
24:00		.03
00:05		.02
00:10		.02
00:15		.02
00:20		.02
00:25		.01

Total 0.55

Total storm runoff over watershed = 0.17
inch.

<u>August 11, 1987</u>		
18:55	0.10	1.30
19:00	.11	9.60
19:05	.13	25.00
19:10	.13	37.00
19:15	.06	36.00
19:20	.06	29.00
19:25	.03	20.00
19:30	.01	15.00
19:35	.01	10.00
19:40		7.10
19:45		4.90
19:50		3.40
19:55	.01	2.30
20:00		1.70
20:05		1.20

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>August 11, 1987</u>		
20:10		0.95
20:15		.75
20:20	0.01	.64
20:25		.51
20:30		.46
20:35		.38
20:40		.33
20:45		.29
20:50		.27
20:55		.21
21:00		.18
21:05		.15
21:10		.12
21:15		.10
21:20		.08
21:25		.06
21:30		.05
21:35		.04
21:40		.03
21:45		.03
21:50		.03
21:55		.02
22:00		.02
22:05		.02
22:10		.01

Total	0.69	

Total storm runoff over watershed = 0.22
inch.

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>July 8-9, 1988</u>		
19:55	0.01	
20:00	.09	
20:05	.09	0.36
20:10	.21	17.00
20:15	.09	40.00
20:20	.06	37.00
20:25	.02	33.00
20:30		25.00
20:35		15.00
20:40		9.00
20:45		5.60
20:50		3.50
20:55		2.40
21:00		1.60
21:05		1.10
21:10		.75
21:15		.54
21:20		.41
21:25		.31
21:30		.23
21:35		.18
21:40		.16
21:45		.15
21:50		.13
21:55		.12
22:00		.12
22:05		.11
22:10		.11
22:15		.11
22:20		.10
22:25		.10
22:30		.10
22:35		.10
22:40		.09
22:45		.09

Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>July 8-9, 1988</u>		
22:50		0.09
22:55		.09
23:00		.09
23:05		.09
23:10		.09
23:15		.08
23:20		.08
23:25		.08
23:30		.08
23:35		.08
23:40		.08
23:45		.08
23:50		.07
23:55		.07
24:00		.07
00:05		.07
00:10		.07
00:15		.07
00:20		.07
00:25		.07
00:30		.01

Total	0.57	
Total storm runoff over watershed = 0.20 inch.		

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Continued**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
18:50	0.06	
18:55	.24	17.00
19:00	.09	32.00
19:05	.01	34.00
19:10	.12	28.00
19:15		22.00
19:20	.24	19.00
19:25	.15	18.00
19:30	.10	18.00
19:35	.03	18.00
19:40	.02	16.00
19:45	.01	12.00
19:50	.02	10.00
19:55		8.10
20:00		6.00
20:05		4.60
20:10		3.50
20:15	.03	3.00
20:20	.01	2.70
20:25	.01	2.60
20:30	.02	2.40
20:35	.02	2.90
20:40	.01	3.40
20:45	.01	3.70
20:50	.01	3.50
20:55	.02	3.30
21:00	.01	3.10
21:05		3.00
21:10	.03	3.10
21:15		3.30
21:20	.01	3.60
21:25	.02	4.10
21:30	.02	4.80
21:35		5.40
21:40	.02	6.00

**Table 19.--Rainfall and runoff data for selected storms
at Academy Acres Drain--Concluded**

Time	Gage 8 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
21:45		5.80
21:50	0.02	5.00
21:55		4.40
22:00	.02	4.00
22:05	.01	3.70
22:10	.01	4.00
22:15	.02	4.00
22:20	.01	3.90
22:25		3.40
22:30		2.80
22:35	.02	2.40
22:40		1.90
22:45		1.60
22:50		1.30
22:55	.02	1.00
23:00		.87
23:05		.71
23:10		.57
23:15		.49
23:20		.41
23:25		.33
23:30		.29
23:35		.25
23:40		.21
23:45		.19
23:50		.18
23:55		.16
24:00		.15

Total	1.47	
Total storm runoff over watershed = 0.40 inch.		

Table 20.—Mean daily discharge, in cubic feet per second, at (08329880) Academy Acres Drain for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00	0.00
2	--	--	--	.00	.00	.01	.00	.19	--	.03	.00	.00
3	--	--	--	.00	.00	--	.03	.00	--	.45	.00	.00
4	--	--	--	.00	.00	--	.00	.21	--	.03	.00	.01
5	--	--	--	.00	.00	--	.00	.00	--	.00	.00	.00
6	--	--	--	.00	.00	--	.00	.13	--	.00	.00	.00
7	--	--	--	.00	.00	--	.00	.72	.00	.00	.00	--
8	--	--	0.00	.00	.00	--	.00	.01	.00	.00	.00	--
9	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	--	.21	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	--	.00	.00	.00	.04	.00	--
13	--	--	.00	.00	.00	--	.00	.00	.00	.02	.00	--
14	--	--	.00	.00	.00	--	.00	.00	.14	.00	.00	--
15	--	--	.00	.00	.00	--	.00	.00	.00	1.4	.00	--
16	--	--	.00	.00	.00	--	.03	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	--	.26	.00	.00	.00	.19	--
18	--	--	.00	.00	.00	--	.00	.00	.00	.00	.04	--
19	--	--	.00	.00	.00	--	.00	.00	.00	.03	.00	--
20	--	--	.00	.01	.00	--	.00	.00	.00	.10	.00	--
21	--	--	.00	.00	.00	--	.25	.00	.00	.06	.00	--
22	--	--	.00	.00	.00	.00	.00	.46	.00	.02	.00	--
23	--	--	.00	.00	.32	.00	.00	.71	.00	.00	.00	--
24	--	--	.00	.00	.00	.18	.00	.00	.00	.10	.08	--
25	--	--	.00	.00	.00	.00	.00	.00	.12	.00	.03	--
26	--	--	.18	.11	.00	.00	.00	.05	.54	.11	.00	--
27	--	--	.11	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.03	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.13	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.28	0.32	--	0.78	2.48	--	2.40	0.34	--
Mean	--	--	--	.009	.010	--	.025	.080	--	.077	.011	--
Maximum	--	--	--	.13	.32	--	.26	.72	--	1.4	.19	--
Minimum	--	--	--	.00	.00	--	.00	.00	--	.00	.00	--
Acre-feet	--	--	--	.6	.6	--	1.5	4.9	--	4.8	.7	--

Table 20.—Mean daily discharge, in cubic feet per second, at (08329880) Academy
Acres Drain for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.14	0.00	0.00	0.03	0.00	0.00	0.00	0.00
2	--	--	--	.01	.00	.00	.05	.23	.00	.00	.00	.00
3	--	--	--	.01	.00	.00	.00	.00	.02	.00	.00	.00
4	--	--	0.00	.00	.02	.00	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.07	.00	.06	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.13	.00	--
10	--	--	.00	.00	.00	.00	.00	.01	.00	.57	.00	--
11	--	--	.00	.00	.00	.00	.00	.01	.00	.12	.00	--
12	--	--	.46	.00	.06	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.01	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.03	.00	.11	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.37	.29	.00	--
17	--	--	.00	.00	.06	.00	.00	.00	.09	.19	.00	--
18	--	--	.00	.35	.00	.00	.00	.00	.22	.00	.00	--
19	--	--	.11	.00	.00	.00	.00	.00	.14	.00	.00	--
20	--	--	.00	.00	.00	.06	.00	.06	.43	.00	.00	--
21	--	--	.00	.07	.12	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.26	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.22	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.01	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.08	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.90	.00	.00	.01	.00	.00	.00	.00	--
29	--	--	.01	.01	.00	.00	.07	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.02	--
31	--	--	.00	--	.00	--	.00	.00	--	.02	--	--
Total	--	--	--	1.69	0.41	0.28	0.17	0.41	1.38	1.39	0.02	--
Mean	--	--	--	.056	.013	.009	.005	.013	.046	.045	.001	--
Maximum	--	--	--	.90	.14	.22	.07	.23	.43	.57	.02	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acres-feet	--	--	--	3.4	.8	.6	.3	.8	2.7	2.8	.04	--

Table 20.—Mean daily discharge, in cubic feet per second, at (08329880) Academy
Acres Drain for calendar years 1984-88—Continued

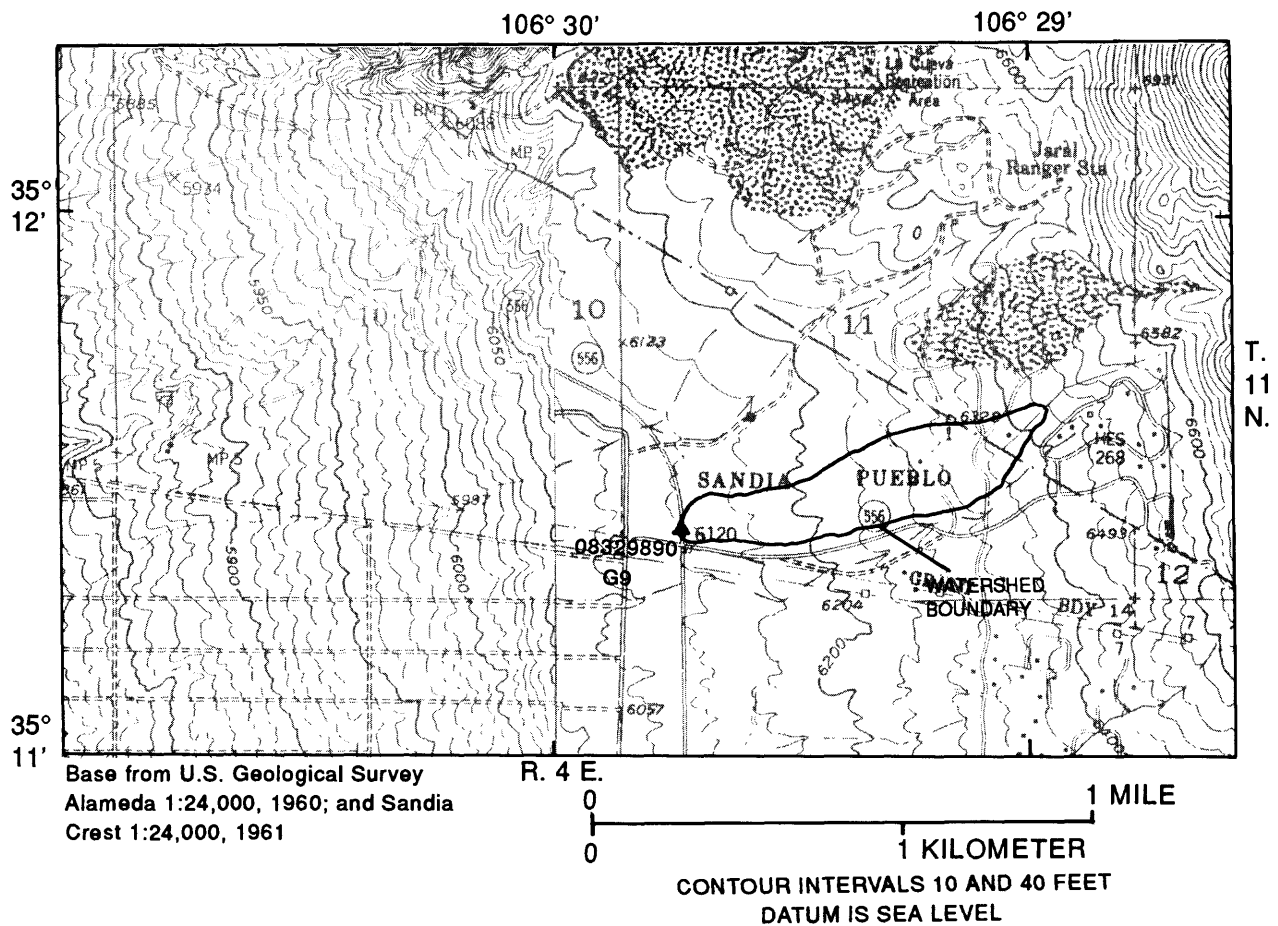
Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.13	0.00	0.00	0.03	0.01	0.00	0.00	0.00	--
2	--	--	--	.01	.03	.00	.00	.00	.00	.00	.43	--
3	--	--	--	.00	.26	.00	.00	.01	.00	.05	.15	--
4	--	--	0.00	.00	.00	.00	.12	.00	.00	.00	.15	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.37	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.07	.00	--
7	--	--	.00	.00	.00	.00	.20	.00	.00	.01	.02	--
8	--	--	.00	.00	.00	.00	.07	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.09	.00	.02	.10	.00	--
10	--	--	.01	.00	.00	.00	.00	.38	.00	.40	.00	--
11	--	--	.02	.00	.00	.00	.00	.00	.00	.02	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.05	.00	--
13	--	--	.00	.00	.00	.00	.00	.01	.17	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.09	.00	--	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	--	.00	--
16	--	--	.00	.00	.41	.00	.38	.00	.01	--	.00	--
17	--	--	.00	.00	.32	.31	.00	.00	.00	--	.00	--
18	--	--	.00	.00	.00	.04	.00	.00	.00	--	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
20	--	--	.00	.00	.00	.00	.04	.00	.00	.02	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.65	.00	.00	.00	--	--
23	--	--	.00	.05	.00	.00	.00	.08	.00	.00	--	--
24	--	--	.00	.02	.00	.17	.00	.00	.18	.00	--	--
25	--	--	.00	.07	.00	.20	.00	.38	.00	.00	--	--
26	--	--	.00	.00	.00	.01	.01	.05	.00	.00	--	--
27	--	--	.00	.00	.00	.07	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.01	.02	.02	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.02	.09	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.29	1.06	0.91	1.59	1.01	0.38	--	--	--
Mean	--	--	--	.010	.034	.030	.051	.033	.013	--	--	--
Maximum	--	--	--	.13	.41	.31	.65	.38	.18	--	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
Acre-feet	--	--	--	.6	2.1	1.8	3.2	2.0	.8	--	--	--

Table 20.—Mean daily discharge, in cubic feet per second, at (08329880) Academy
Acres Drain for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00
2	--	--	--	.00	.00	.00	.00	.07	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	0.00	.24	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	.00	.03	.00	.00	.00	.00	.00	.00	.01	.00
6	--	--	.00	.00	.05	.00	.00	.16	.00	.00	.00	.00
7	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.04	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.59	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.73	.00	.00	.00	--
12	--	--	.00	.19	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.11	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.02	--
16	--	--	.01	.00	.22	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.08	.00	.00	.00	.00	--
21	--	--	.00	.00	.03	.00	.00	.10	.00	.00	.00	--
22	--	--	.03	.00	.00	.00	.00	.24	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.09	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.40	.00	.00	.00	.00	--
25	--	--	.00	.01	.00	.00	.00	.10	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.85	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.40	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.03	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.01	.00	.00	.30	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.47	0.41	0.05	0.52	3.34	0.00	0.30	0.40	--
Mean	--	--	--	.016	.013	.002	.017	.11	.00	.010	.013	--
Maximum	--	--	--	.24	.22	.04	.40	.85	.00	.30	.37	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acres-feet	--	--	--	.9	.8	.1	1.0	6.6	.0	.6	.8	--

Table 20.—Mean daily discharge, in cubic feet per second, at (08329880) Academy
Acres Drain for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.19	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
2	--	--	--	.39	.00	.00	.01	.03	.02	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.08	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.68	.00	.00	.00	.00	--
9	--	--	0.00	.00	.00	.04	1.3	.27	.00	.00	.00	--
10	--	--	.00	.00	.00	.16	.03	.01	.00	.00	.00	--
11	--	--	.00	.00	.00	.22	.00	.00	.12	.00	.00	--
12	--	--	.00	.00	.00	.02	.00	.00	.14	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.51	.00	.00	--
14	--	--	.00	.27	.00	.00	.00	.00	.01	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.25	.00	.00	.00	--
16	--	--	.00	.64	.00	.08	.00	.03	.00	.00	.00	--
17	--	--	.16	.00	.00	.00	.15	.06	.00	.00	.00	--
18	--	--	.00	.00	.18	.00	.05	.07	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.21	.00	.00	.00	.00	--
20	--	--	.00	.00	.18	.00	.00	.00	.01	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.26	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.63	.00	.00	--
23	--	--	.00	.00	.00	.06	.00	.40	.00	.00	.00	--
24	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.48	.00	.00	.00	.00	.00	--
26	--	--	.00	.01	.00	.23	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.06	.00	.15	.00	.00	.00	--
28	--	--	.00	.00	.00	.05	.29	.19	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.03	.00	.00	.00	.00	--
30	--	--	--	.00	.00	.51	.00	.00	.00	.00	.00	--
31	--	--	--	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	1.50	0.36	1.92	2.83	1.46	1.72	0.00	0.00	--
Mean	--	--	--	.050	.012	.064	.091	.047	.057	.00	.00	--
Maximum	--	--	--	.64	.18	.51	1.3	.40	.63	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	3.0	.7	3.8	5.6	2.9	3.4	.0	.0	--



EXPLANATION

08329890 STREAMFLOW GAGE (08329890)
G9 ▲ AND PRIMARY RAIN GAGE (G9)

Figure 5.--Watershed for La Cueva Arroyo Tributary (08329890) (modified from Fischer and others, 1984, fig. 5).

STATION DESCRIPTION

08329890 LA CUEVA ARROYO TRIBUTARY AT TRAMWAY ROAD NEAR ALBUQUERQUE

LOCATION.--Lat 35°11'26", long 106°29'44", in SW 1/4 SW 1/4 sec. 11, T. 11 N., R. 4 E., Bernalillo County, Hydrologic Unit 13020203, on right bank 7 ft upstream from culvert under New Mexico Highway 556 (Tramway Boulevard), 115 ft northeast of intersection of Tramway Road and Tramway Boulevard, 4.1 mi north of intersection of Montgomery and Tramway Boulevards, and 4.6 mi east of intersection of Interstate Highway 25 and State Highway 556.

DRAINAGE AREA.--0.090 mi² (57.6 acres).

PERIOD OF RECORD.--May 1977 to December 1978, April 1979 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 6,100 ft, from topographic map.

RAIN GAGES.--The primary recording rain gage (G9) is a digital paper-tape recorder at the station. Figures 1 and 5 show locations. Table 2 lists period of record.

REMARKS.--Records good. Basin drains a watershed that is basically rural; there are an office building and tennis court in the central part of the basin, several houses in the upper part, and connecting roads.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77 ft³/s June 29, 1981, gage height 4.91 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 24 ft³/s, July 7, 1988; no flow most of the time.

Calendar year 1984: No flow recorded.

Calendar year 1985: No flow recorded.

Calendar year 1986: No flow recorded.

Calendar year 1987: Maximum discharge, 0.22 ft³/s, Aug. 24, gage height 1.03 ft; no flow most of the time.

Calendar year 1988: Maximum discharge, 24 ft³/s, July 7, gage height 3.00 ft; no flow most of the time.

Table 21.—Daily rainfall, in inches, at La Cueva Arroyo Tributary primary gage G9 for calendar years 1984–88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.25	0.00	0.23	0.00	0.05	0.00	0.00
2	—	—	—	.00	.00	.04	.00	.13	.00	.04	.00	.00
3	—	—	—	.00	.00	.01	.01	.09	.00	.59	.00	.00
4	—	—	—	.00	.00	.00	.00	.07	.00	.29	.00	.11
5	—	—	—	.00	.00	.11	.01	.01	.00	.00	.00	.00
6	—	—	—	.00	.00	.01	.01	.44	.00	.00	.00	.00
7	—	—	—	.11	.00	.00	.01	.43	.00	.00	.00	—
8	—	—	0.00	.00	.00	.00	.00	.01	.00	.00	.00	—
9	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	.00	.00	.00	.00	.02	.00	.00	.00	.00	—
11	—	—	.00	.00	.00	.00	.35	.00	.02	.00	.00	—
12	—	—	.00	.00	.00	.00	.01	.10	.01	.28	.00	—
13	—	—	.00	.00	.00	.00	.09	.04	.00	.03	.00	—
14	—	—	.00	.00	.00	.00	.00	.00	.23	.00	.00	—
15	—	—	.00	.00	.01	.00	.00	.75	.00	1.44	.00	—
16	—	—	.00	.00	.00	.02	.08	.07	.01	.00	.00	—
17	—	—	.00	.00	.00	.01	.00	.00	.03	.00	.41	—
18	—	—	.00	.00	.00	.00	.10	.00	.01	.01	.09	—
19	—	—	.00	.00	.00	.36	.02	.00	.00	.06	.00	—
20	—	—	.00	.11	.00	.00	.01	.02	.00	.15	.00	—
21	—	—	.00	.00	.00	.00	.00	.01	.01	.25	.00	—
22	—	—	.19	.00	.00	.00	.00	.58	.01	.11	.00	—
23	—	—	.00	.00	.12	.00	.00	.28	.02	.04	.04	—
24	—	—	.00	.00	.00	.04	.00	.01	.00	.06	.12	—
25	—	—	.00	.00	.00	.02	.00	.00	.29	.18	.12	—
26	—	—	.52	.10	.00	.09	.00	.11	.75	.06	.00	—
27	—	—	.43	.01	.00	.00	.01	.02	.00	.00	.00	—
28	—	—	.01	.01	.00	.00	.00	.00	.00	.00	.00	—
29	—	—	.00	.26	.00	.81	.15	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.01	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.00	—	.00	—	—
Total	—	—	—	0.60	0.13	1.78	0.88	3.40	1.39	3.64	0.78	—

Table 21.—Daily rainfall, in inches, at La Cueva Arroyo Tributary
primary gage G9 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.32	0.00	0.00	0.11	0.00	0.00	0.02	0.00
2	--	--	--	.00	.01	.00	.04	.17	.06	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.03	.00	.00	.00
4	--	--	--	.00	.15	.12	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.05	.00	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	0.00	.00	.00	.00	.00	.02	.00	.19	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.01	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.35	.00	--
10	--	--	.01	.00	.00	.00	.00	.01	.00	.57	.00	--
11	--	--	.05	.00	.00	.00	.00	.05	.02	.07	.00	--
12	--	--	.69	.00	.11	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.01	.00	.22	.00	.00	.04	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.02	--
15	--	--	.01	.00	.00	.00	.06	.00	.18	.00	.00	--
16	--	--	.05	.00	.00	.00	.00	.00	.18	.51	.00	--
17	--	--	.00	.00	.21	.00	.00	.00	.15	.24	.00	--
18	--	--	.00	.14	.02	.01	.04	.00	.27	.00	.00	--
19	--	--	.31	.00	.00	.00	.00	.00	.24	.00	.00	--
20	--	--	.00	.00	.01	.04	.00	.21	.53	.00	.00	--
21	--	--	.00	.09	.26	.00	.00	.00	.00	.01	.00	--
22	--	--	.00	.49	.00	.00	.10	.00	.00	.00	.00	--
23	--	--	.00	.00	.01	.00	.24	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.37	.00	.07	.00	.00	.00	--
25	--	--	.00	.02	.02	.00	.00	.00	.00	.00	.01	--
26	--	--	.00	.13	.01	.00	.00	.00	.00	.00	.06	--
27	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.01	--
28	--	--	.00	.92	.00	.00	.04	.07	.19	.00	.00	--
29	--	--	.00	.05	.00	.00	.16	.00	.04	.00	.00	--
30	--	--	.19	.00	.00	.00	.00	.00	.00	.00	.14	--
31	--	--	.02	--	.01	--	.00	.00	--	.13	--	--
Total	--	--	--	1.85	1.15	0.59	0.90	0.72	1.89	2.12	0.26	--

Table 21.—Daily rainfall, in inches, at La Cueva Arroyo Tributary
primary gage G9 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.35	0.00	0.04	0.09	0.07	0.00	0.04	0.00	--
2	--	--	--	.03	.06	.00	.00	.00	.00	.04	.69	--
3	--	--	--	.00	.42	.10	.00	.00	.00	.05	.76	--
4	--	--	0.00	.00	.00	.00	.28	.00	.08	.00	.73	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.32	.12	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.21	.00	--
7	--	--	.00	.00	.00	.00	.41	.00	.11	.08	.31	--
8	--	--	.00	.00	.00	.00	.35	.00	.35	.04	.01	--
9	--	--	.00	.00	.00	.00	.21	.00	.07	.12	.06	--
10	--	--	.12	.00	.00	.00	.00	.09	.02	.50	.05	--
11	--	--	.10	.00	.00	.00	.00	.00	.00	.15	.16	--
12	--	--	.02	.00	.00	.00	.00	.00	.00	.02	.03	--
13	--	--	.02	.00	.00	.00	.01	.01	.17	.07	.21	--
14	--	--	.02	.00	.00	.00	.00	.08	.00	.27	.11	--
15	--	--	.04	.00	.00	.00	.03	.00	.00	.17	.24	--
16	--	--	.00	.02	.45	.00	.55	.00	.09	.20	.16	--
17	--	--	.10	.00	.16	.00	.00	.00	.00	.01	.16	--
18	--	--	.08	.00	.00	.11	.10	.00	.00	.04	.00	--
19	--	--	.00	.00	.00	.00	.25	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.25	.00	.00	.22	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.08	.24	.00	.01	--	--
23	--	--	.00	.08	.00	.00	.08	.25	.04	.00	--	--
24	--	--	.00	.03	.00	.20	.00	.00	.35	.00	--	--
25	--	--	.00	.07	.00	.24	.00	.00	.05	.04	--	--
26	--	--	.00	.00	.00	.05	.02	.73	.00	.08	--	--
27	--	--	.00	.00	.00	.25	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.03	.00	.00	.00	.00	.02	--	--
30	--	--	.00	.00	.11	.03	.00	.00	.00	.01	--	--
31	--	--	.00	--	.02	--	.00	.00	--	.00	--	--
Total	--	--	--	0.58	1.25	1.02	2.71	1.47	1.33	2.71	--	--

Table 21.—Daily rainfall, in inches, at La Cueva Arroyo Tributary
primary gage G9 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.36	0.03
2	--	--	--	.00	.00	.00	.00	.18	.00	.01	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.00
4	--	--	0.00	.13	.00	.00	.00	.00	.00	.00	.01	.00
5	--	--	.00	.12	.08	.00	.00	.01	.00	.00	.05	.05
6	--	--	.00	.00	.08	.00	.00	.04	.00	.00	.06	.02
7	--	--	.00	.04	.00	.64	.00	.01	.00	.00	.00	.01
8	--	--	.00	.01	.00	.18	.00	.00	.00	.00	.01	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.01	--
10	--	--	.00	.00	.00	.00	.00	.09	.00	.00	.01	--
11	--	--	.00	.00	.00	.00	.00	.42	.00	.00	.01	--
12	--	--	.00	.34	.00	.00	.00	.04	.00	.00	.01	--
13	--	--	.00	.00	.00	.00	.00	.02	.00	.01	.01	--
14	--	--	.00	.00	.59	.00	.00	.00	.00	.19	.02	--
15	--	--	.00	.00	.10	.00	.00	.00	.00	.00	.08	--
16	--	--	.08	.00	.44	.00	.18	.00	.00	.00	.06	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.30	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.03	--
19	--	--	.00	.00	.03	.00	.00	.00	.00	.00	.03	--
20	--	--	.00	.00	.07	.00	.18	.00	.00	.00	.03	--
21	--	--	.00	.00	.07	.00	.45	.01	.00	.00	.01	--
22	--	--	.01	.00	.00	.00	.00	1.17	.00	.00	.00	--
23	--	--	.11	.00	.01	.00	.00	.05	.00	.04	.01	--
24	--	--	.00	.00	.00	.00	.28	.03	.00	.03	.00	--
25	--	--	.02	.00	.00	.00	.00	.38	.02	.00	.03	--
26	--	--	.00	.00	.00	.00	.00	.07	.00	.00	.01	--
27	--	--	.00	.00	.00	.00	.00	.02	.00	.00	.01	--
28	--	--	.01	.00	.00	.00	.00	.00	.00	.00	.03	--
29	--	--	.02	.00	.00	.00	.00	.04	.00	.00	.03	--
30	--	--	.00	.01	.00	.00	.01	.00	.00	.24	.02	--
31	--	--	.01	--	.00	--	.00	.33	--	.07	--	--
Total	--	--	--	0.65	1.47	0.82	1.10	2.92	0.03	0.59	1.24	--

Table 21.—Daily rainfall, in inches, at La Cueva Arroyo Tributary
primary gage G9 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.68	0.00	0.01	0.19	0.05	0.27	0.00	0.00	--
2	--	--	--	.03	.00	.02	.18	.06	.00	.00	.00	--
3	--	--	--	.02	.01	.01	.04	.01	.00	.00	.00	--
4	--	--	--	.01	.01	.16	.02	.07	.00	.00	.00	--
5	--	--	--	.01	.01	.09	.13	.00	.00	.04	.00	--
6	--	--	--	.01	.00	.02	.01	.00	.02	.06	.00	--
7	--	--	--	.02	.00	.02	.00	.01	.00	.05	.00	--
8	--	--	0.00	.01	.01	.01	.15	.00	.00	.00	.00	--
9	--	--	.00	.01	.01	.08	1.51	.21	.00	.00	.00	--
10	--	--	.00	.01	.01	.89	.04	.01	.00	.00	.00	--
11	--	--	.09	.01	.02	.22	.04	.02	.26	.00	.00	--
12	--	--	.06	.02	.02	.00	.01	.00	.32	.00	.00	--
13	--	--	.05	.02	.00	.00	.02	.00	.70	.00	.00	--
14	--	--	.11	.21	.01	.01	.01	.00	.00	.00	.00	--
15	--	--	.00	.02	.01	.04	.02	1.85	.00	.00	.00	--
16	--	--	.00	.84	.01	.00	.01	.18	.00	.00	.02	--
17	--	--	.14	.01	.03	.00	.07	.19	.00	.00	.02	--
18	--	--	.09	.01	.14	.00	.01	.40	.00	.00	.02	--
19	--	--	.08	.01	.06	.00	.03	.02	.00	.00	.08	--
20	--	--	.03	.01	.58	.01	.00	.01	.05	.00	.02	--
21	--	--	.02	.01	.01	.01	.01	.02	.49	.00	.03	--
22	--	--	.01	.00	.02	.01	.01	.02	.34	.00	.02	--
23	--	--	.02	.00	.01	.14	.01	.00	.00	.00	.00	--
24	--	--	.00	.03	.01	.13	.01	.01	.00	.00	.00	--
25	--	--	.02	.02	.07	.40	.01	.10	.00	.00	.00	--
26	--	--	.01	.01	.28	.19	.01	.02	.00	.00	.00	--
27	--	--	.01	.01	.01	.20	.35	.16	.00	.00	.00	--
28	--	--	.01	.02	.01	.07	.22	.24	.00	.00	.00	--
29	--	--	.06	.01	.02	.01	.09	.01	.00	.00	--	--
30	--	--	.01	.01	.00	.18	.00	.02	.00	.00	--	--
31	--	--	.12	--	.01	--	.00	.01	--	.00	--	--
Total	--	--	--	2.09	1.39	2.93	3.21	3.70	2.45	0.15	--	--

**Table 22.--Rainfall and runoff data for selected storms
at La Cueva Arroyo Tributary**

Time	Gage 9 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
18:00	0.02	
18:05	.06	
18:10	.13	
18:15	.10	
18:20	.07	1.40
18:25	.01	10.00
18:30	.05	8.90
18:35	.08	5.00
18:40	.11	2.00
18:45	.12	1.60
18:50	.09	6.30
18:55	.08	24.00
19:00	.04	15.00
19:05	.02	6.00
19:10	.03	2.90
19:15	.01	1.40
19:20	.01	.58
19:25	.01	.58
19:30		.50
19:35		.14
19:40	.01	.14
19:45		.07
19:50	.01	.07
19:55	.01	.07

Total 1.07

Total storm runoff over watershed = 0.124
inch.

**Table 22.--Rainfall and runoff data for selected storms
at La Cueva Arroyo Tributary--Concluded**

Time	Gage 9 rainfall (inches)	Runoff (cubic feet per second)
<u>August 15, 1988</u>		
17:40	0.02	
17:45	.17	0.14
17:50	.09	.14
17:55	.03	.14
18:00	.13	.14
18:05	.15	.14
18:10	.18	.14
18:15	.10	3.30
18:20		10.00
18:25	.18	12.00
18:30	.12	8.80
18:35	.14	4.70
18:40	.04	3.90
18:45	.02	6.50
18:50	.01	10.00
18:55	.01	8.80
19:00	.01	3.60
19:05		2.10
19:10		.58
19:15		.22
19:20		.14
19:25	.01	.14

Total	1.41	
Total storm runoff over watershed = 0.108 inch.		

Table 23.—Mean daily discharge, in cubic feet per second, at (08329890) La Cueva
Arroyo Tributary for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.23	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.13	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.13	0.00	0.23	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.004	.00	.007	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.13	.00	.23	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.3	.0	.5	.0	.0	.0	--

Table 23.—Mean daily discharge, in cubic feet per second, at (08329890) La Cueva
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00
4	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	--
7	--	--	0.00	.00	.00	.00	.00	0.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	--	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	--	--	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	--	--	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	--	--	.0	.0	.0	--

Table 23.—Mean daily discharge, in cubic feet per second, at (08329890) La Cueva
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	.0	.0	--	--

Table 23.—Mean daily discharge, in cubic feet per second, at (08329890) La Cueva
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.10	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	.00	.003	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	.00	.10	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	.0	.2	.0	.0	.0	--

Table 23.—Mean daily discharge, in cubic feet per second, at (08329890) La Cueva
Arroyo Tributary for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.31	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.07	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.39	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.38	0.39	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	.012	.013	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	.31	.39	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	.8	.8	.0	.0	.0	--

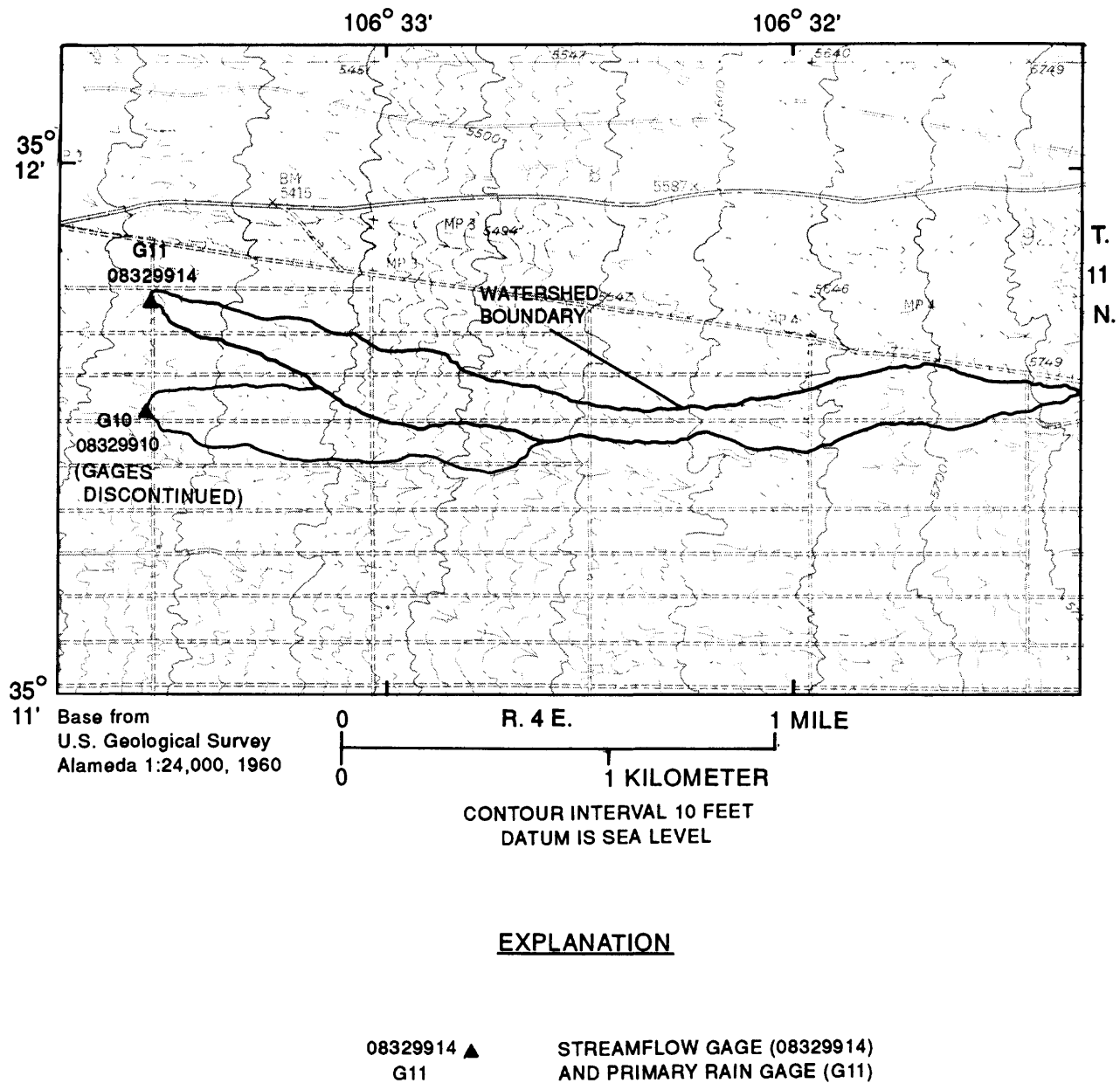


Figure 6.--Watersheds for North Camino Arroyo Tributary (08329914)
(modified from Fischer and others, 1984, fig. 6).

STATION DESCRIPTION
08329914 NORTH CAMINO ARROYO TRIBUTARY AT ALBUQUERQUE

LOCATION.--Lat 35°11'47", long 106°33'57", Bernalillo County, Hydrologic Unit 13020203, in Elena Gallegos Grant, on left bank in right-of-way for extension of Wyoming Boulevard, 150 ft south of Venice Avenue, north of Beverly Hills Avenue, and 1.5 mi north of intersection of Paseo del Norte and Wyoming Boulevard.

DRAINAGE AREA.--0.060 mi² (38.4 acres).

PERIOD OF RECORD.--June 1979 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,364 ft, from topographic orthophoto map.

RAIN GAGES.--The primary recording rain gage (G11) is a digital paper-tape recorder at the station. Figures 1 and 6 show locations. Table 2 lists period of record.

REMARKS.--Records poor due to gage vandalism and refuse dumping on control. The basin is totally undeveloped; vegetation is sparse, with grasses and small brush.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 134 ft³/s July 7, 1981, gage height 2.10 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 16 ft³/s, Oct. 15, 1984; no flow most of the time.

Calendar year 1984: Maximum discharge, 16 ft³/s Oct. 15, gage height 1.13 ft; no flow most of the time.

Calendar year 1985: No flow recorded.

Calendar year 1986: No flow recorded.

Calendar year 1987: No flow recorded.

Calendar year 1988: Maximum discharge, 48 ft³/s Aug. 15, gage height 1.40 ft; no flow most of the time.

Table 24.--Daily rainfall, in inches, at North Camino Arroyo Tributary
primary gage G11 for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	--	--	0.14	0.02	0.00	0.00	0.00
2	--	--	--	--	--	--	--	.09	.00	.06	.00	.00
3	--	--	--	--	--	--	--	.01	.00	.51	.00	.00
4	--	--	--	--	--	--	--	.11	.00	.13	.00	.13
5	--	--	--	--	--	--	--	.01	.00	.01	.00	--
6	--	--	--	--	--	--	--	.18	.00	.01	.00	--
7	--	--	--	--	--	--	--	1.11	.00	.01	.00	--
8	--	--	--	--	--	--	--	.02	.00	.01	.00	--
9	--	--	--	--	--	--	--	.00	.00	.00	.00	--
10	--	--	--	--	--	--	--	.00	.00	.00	.00	--
11	--	--	--	--	--	--	--	.00	.00	.00	.00	--
12	--	--	--	--	--	--	--	.05	.01	.18	.00	--
13	--	--	--	--	--	--	--	.01	.00	.01	.00	--
14	--	--	--	--	--	--	--	.00	.10	.00	.00	--
15	--	--	--	--	--	--	--	.01	.00	1.57	.00	--
16	--	--	--	--	--	--	--	.01	.01	.00	.00	--
17	--	--	--	--	--	--	--	.00	.00	.01	.29	--
18	--	--	--	--	--	--	--	.00	.00	.00	.12	--
19	--	--	--	--	--	--	--	.03	.00	.10	.00	--
20	--	--	--	--	--	--	--	.02	.00	.13	.00	--
21	--	--	--	--	--	--	--	.04	.00	.14	.00	--
22	--	--	--	--	--	--	--	1.02	.00	.06	.00	--
23	--	--	--	--	--	--	--	.49	.00	.02	.02	--
24	--	--	--	--	--	--	--	.01	.00	.22	.14	--
25	--	--	--	--	--	--	--	.00	.16	.00	.08	--
26	--	--	--	--	--	--	--	.04	.78	.01	.00	--
27	--	--	--	--	--	--	--	.01	.00	.06	.00	--
28	--	--	--	--	--	--	--	.00	.00	.00	.00	--
29	--	--	--	--	--	--	--	.00	.00	.00	.00	--
30	--	--	--	--	--	--	--	.00	.00	.00	.00	--
31	--	--	--	--	--	--	--	.00	--	.00	--	--
Total	--	--	--	--	--	--	--	3.41	1.08	3.25	0.65	--

Table 24.—Daily rainfall, in inches, at North Camino Arroyo Tributary
primary gage G11 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.14	0.00	0.00	0.03	0.00	0.00	0.02	0.00
2	--	--	--	.00	.01	.00	.04	.23	.01	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.04	.00	.00	.00
4	--	--	0.00	.00	.05	.02	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.16	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.14	.00	.12	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.25	.00	--
10	--	--	.00	.00	.00	.00	.00	.02	.00	.83	.00	--
11	--	--	.04	.00	.00	.00	.00	.05	.02	.06	.00	--
12	--	--	.74	.00	.06	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.01	.03	.00	.04	.00	--
14	--	--	.00	.00	.01	.00	.00	.00	.00	.00	.03	--
15	--	--	.06	.00	.00	.00	.15	.00	.24	.00	.00	--
16	--	--	.02	.00	.00	.00	.02	.00	.29	.43	.01	--
17	--	--	.00	.00	.18	.00	.00	.00	.23	.25	.00	--
18	--	--	.00	.17	.02	.00	.00	.00	.32	.00	.00	--
19	--	--	.26	.00	.00	.00	.03	.00	.23	.00	.00	--
20	--	--	.00	.00	.00	.05	.00	.11	.57	.00	.00	--
21	--	--	.00	.07	.12	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.22	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.02	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.27	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.01	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.17	.01	.00	.00	.00	.00	.00	.04	--
27	--	--	.00	.01	.00	.00	.00	.00	.04	.00	.01	--
28	--	--	.00	.92	.00	.00	.04	.00	.07	.00	.00	--
29	--	--	.02	.04	.00	.00	.11	.00	.01	.00	.00	--
30	--	--	.02	.01	.00	.00	.01	.00	.00	.00	.05	--
31	--	--	.00	--	.02	--	.00	.00	--	.08	--	--
Total	--	--	--	1.61	0.63	0.34	0.43	0.78	2.07	2.06	0.16	--

Table 24.—Daily rainfall, in inches, at North Camino Arroyo Tributary
primary gage G11 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.31	0.00	0.00	0.11	--	--	--	--	--
2	--	--	--	.02	.03	.01	.00	--	--	--	--	--
3	--	--	--	.00	.32	.03	.00	--	--	--	--	--
4	--	--	0.00	.00	.00	.00	.23	--	--	--	--	--
5	--	--	.00	.00	.00	.00	.00	--	--	--	--	--
6	--	--	.00	.00	.00	.00	.00	--	--	--	--	--
7	--	--	.00	.00	.00	.00	.28	--	--	--	--	--
8	--	--	.00	.00	.00	.00	.15	--	--	--	--	--
9	--	--	.00	.00	.00	.00	.19	--	--	--	--	--
10	--	--	.06	.00	.00	.00	.00	--	--	--	--	--
11	--	--	.04	.00	.00	.00	.00	--	--	--	--	--
12	--	--	.01	.00	.00	.00	.00	--	--	--	--	--
13	--	--	.00	.00	.00	.00	.00	--	--	--	--	--
14	--	--	.00	.00	.00	.00	.00	--	--	--	--	--
15	--	--	.03	.00	.00	.00	.00	--	--	--	--	--
16	--	--	.00	.00	.34	.00	.56	--	--	--	--	--
17	--	--	.04	.00	.26	.00	.00	--	--	--	--	--
18	--	--	.01	.00	.00	.06	.00	--	--	--	--	--
19	--	--	.00	.00	.00	.00	.11	--	--	--	--	--
20	--	--	.00	.00	.00	.00	.03	--	--	--	--	--
21	--	--	.00	.00	.00	.00	.01	--	--	--	--	--
22	--	--	.00	.00	.00	.00	.23	--	--	--	--	--
23	--	--	.00	.01	.00	.00	.06	--	--	--	--	--
24	--	--	.00	.13	.00	.24	.00	--	--	--	--	--
25	--	--	.00	.03	.00	.42	.00	--	--	--	--	--
26	--	--	.00	.00	.00	.03	.03	--	--	--	--	--
27	--	--	.00	.00	.00	.21	.00	--	--	--	--	--
28	--	--	.00	.00	.00	.00	.00	--	--	--	--	--
29	--	--	.00	.00	.02	.00	.00	--	--	--	--	--
30	--	--	.00	.00	.11	.53	--	--	--	--	--	--
31	--	--	.00	--	.00	--	--	--	--	--	--	--
Total	--	--	--	0.50	1.08	1.53	--	--	--	--	--	--

**Table 24.—Daily rainfall, in inches, at North Camino Arroyo Tributary
primary gage G11 for calendar years 1984-88—Continued**

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.00
2	--	--	--	.00	.00	.00	.00	.19	.00	.00	.01	.00
3	--	--	0.00	.00	.00	.00	.00	.02	.01	.01	.01	.00
4	--	--	.00	.00	.00	.00	.00	.03	.00	.01	.01	.00
5	--	--	.00	.00	.00	.00	.00	.01	.01	.01	.02	.00
6	--	--	.00	.00	.00	.00	.00	.10	.00	.00	.01	.00
7	--	--	.00	.00	.00	.13	.00	.01	.00	.00	.01	.00
8	--	--	.00	.00	.00	.13	.00	.00	.00	.01	.00	--
9	--	--	.00	.00	.00	.01	.00	.01	.00	.01	.00	--
10	--	--	.00	.00	.00	.00	.00	.08	.01	.01	.00	--
11	--	--	.00	.00	.00	.00	.00	.66	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.02	.00	.00	.00	--
14	--	--	.00	.00	.03	.00	.00	.01	.01	.04	.00	--
15	--	--	.00	.00	.15	.00	.00	.00	.01	.00	.09	--
16	--	--	.00	.00	.19	.00	.00	.01	.00	.01	.06	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.01	.00	--
18	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.01	.00	.01	.00	--
21	--	--	.00	.00	.06	.00	.00	.02	.00	.01	.00	--
22	--	--	.00	.00	.00	.00	.00	.25	.00	.01	.00	--
23	--	--	.00	.00	.00	.00	.00	.08	.00	.01	.00	--
24	--	--	.00	.00	.00	.00	.00	.01	.01	.00	.00	--
25	--	--	.00	.00	.03	.00	.00	.07	.03	.02	.00	--
26	--	--	.00	.00	.00	.00	.00	.07	.00	.01	.00	--
27	--	--	.00	.00	.00	.00	.01	.01	.00	.01	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.01	.00	.02	.00	--
31	--	--	.00	--	.00	--	.01	.01	--	.00	--	--
Total	--	--	--	0.00	0.46	0.27	0.02	1.78	0.09	0.23	0.23	--

Table 24.—Daily rainfall, in inches, at North Camino Arroyo Tributary
primary gage G11 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.50	0.00	0.01	0.07	0.00	0.10	0.00	0.00	0.03
2	—	—	—	.02	.00	.02	.01	.48	.13	.00	.00	.03
3	—	—	—	.00	.00	.00	.00	.01	.01	.00	.00	—
4	—	—	—	.00	.00	.02	.00	.11	.00	.00	.00	—
5	—	—	—	.00	.00	.08	.15	.00	.01	.03	.00	—
6	—	—	—	.00	.00	.02	.00	.00	.01	.14	.00	—
7	—	—	—	.00	.00	.02	.00	.00	.00	.05	.00	—
8	—	—	0.00	.00	.00	.01	.54	.00	.00	.01	.00	—
9	—	—	.00	.00	.00	.40	.67	.42	.00	.00	.00	—
10	—	—	.00	.00	.00	.16	.00	.02	.00	.00	.00	—
11	—	—	.05	.00	.00	.11	.00	.03	.00	.00	.00	—
12	—	—	.06	.00	.00	.01	.00	.00	.00	.00	.00	—
13	—	—	.03	.00	.00	.00	.00	.00	.00	.01	.00	—
14	—	—	.08	.53	.00	.01	.00	.00	.00	.01	.00	—
15	—	—	.00	.01	.00	.00	.00	1.43	.00	.01	.00	—
16	—	—	.00	.85	.00	.01	.00	.03	.00	.00	.06	—
17	—	—	.03	.04	.01	.00	.42	.13	.00	.00	.01	—
18	—	—	.09	.00	.09	.01	.14	.04	.00	.00	.00	—
19	—	—	.03	.00	.06	.00	.16	.01	.00	.00	.01	—
20	—	—	.00	.00	.34	.00	.01	.00	.00	.00	.01	—
21	—	—	.00	.00	.00	.00	.00	.00	.00	.01	.01	—
22	—	—	.00	.00	.02	.00	.00	.00	.00	.00	.02	—
23	—	—	.00	.00	.02	.06	.01	.00	.00	.00	.01	—
24	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
25	—	—	.00	.00	.18	.57	.01	.04	.00	.00	.00	—
26	—	—	.00	.00	.04	.12	.00	.02	.00	.00	.04	—
27	—	—	.00	.00	.02	.10	.14	.16	.00	.00	.05	—
28	—	—	.00	.00	.04	.09	.64	.33	.00	.00	.02	—
29	—	—	.03	.01	.02	.01	.04	.00	.00	.00	.00	—
30	—	—	.00	.01	.00	.19	.03	.02	.00	.00	.04	—
31	—	—	.09	—	.00	—	.00	.01	—	.00	—	—
Total	—	—	—	1.97	0.84	2.03	3.04	3.29	0.26	0.27	0.28	—

**Table 25.--Rainfall and runoff data for selected storms
at North Camino Arroyo Tributary**

Time	Gage 11 rainfall (inches)	Runoff (cubic feet per second)
<u>July 11, 1988</u>		
21:15	0.04	
21:20	.01	28.00
21:25		37.00
21:30		37.00
21:35	.11	35.00
21:40	.14	25.00
21:45	.07	13.00
21:50	.08	2.40
21:55	.03	
22:00	.01	
22:05	.01	
22:10	.01	
22:15	.03	
22:20	.01	

Total 0.55

Total storm runoff over watershed = 0.10
inch.

August 15, 1988

15:55	0.09	
16:00	.03	
16:05	.05	
16:10	.04	
17:05	.01	
18:15	.01	
18:25	.01	
18:30	.04	
18:35	.12	
18:40	.21	
18:45	.12	2.40
18:50	.12	44.00
18:55	.04	48.00
19:00	.08	46.00
19:05	.06	39.00

**Table 25.--Rainfall and runoff data for selected storms
at North Camino Arroyo Tributary--Concluded**

Time	Gage 11 rainfall (inches)	Runoff (cubic feet per second)
<u>August 15, 1988</u>		
19:10	0.03	37.00
19:15	.01	34.00
19:20	.01	16.00
19:25		12.00
19:30	.01	12.00
19:35		11.00
19:40	.01	9.60
19:45		9.60
19:50	.01	8.40
19:55	.01	8.40
20:00	.01	7.20
20:05	.01	7.20
20:10	.02	6.00
20:15	.03	6.00
20:20	.02	6.00
20:25	.01	4.80
20:30	.01	4.80
20:35		3.60
20:40		3.60
20:45		2.40
20:50		2.40
20:55		1.20
21:00		1.20
21:05		1.20
21:10		1.20
21:35	.03	
21:40	.01	
21:50	.01	
22:05	.01	
23:40	.01	
23:45	.02	
23:55	.03	
24:00	.03	
Total	1.38	

Total storm runoff over watershed = 0.24 inch.		

Table 26.—Mean daily discharge, in cubic feet per second, at (08329914) North Camino
Arroyo Tributary for calendar years 1984–88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	--	--	0.00	0.00	0.00	--	0.00
2	--	--	--	--	--	--	--	.00	.00	.00	--	.00
3	--	--	--	--	--	--	--	.00	.00	.00	--	.00
4	--	--	--	--	--	--	--	.00	.00	.00	--	.00
5	--	--	--	--	--	--	--	.00	.00	.00	--	.00
6	--	--	--	--	--	--	--	.00	.00	.00	0.00	--
7	--	--	--	--	--	--	--	.00	.00	.00	.00	--
8	--	--	--	--	--	--	--	.00	.00	.00	.00	--
9	--	--	--	--	--	--	--	.00	.00	.00	.00	--
10	--	--	--	--	--	--	--	.00	.00	.00	.00	--
11	--	--	--	--	--	--	--	.00	.00	.00	.00	--
12	--	--	--	--	--	--	--	.00	.00	.00	.00	--
13	--	--	--	--	--	--	--	.00	.00	.00	.00	--
14	--	--	--	--	--	--	--	.00	.00	.00	.00	--
15	--	--	--	--	--	--	--	.00	.00	.37	.00	--
16	--	--	--	--	--	--	--	.00	.00	--	.00	--
17	--	--	--	--	--	--	--	.00	.00	--	.00	--
18	--	--	--	--	--	--	--	.00	.00	--	.00	--
19	--	--	--	--	--	--	--	.00	.00	--	.00	--
20	--	--	--	--	--	--	--	.00	.00	--	.00	--
21	--	--	--	--	--	--	--	.00	.00	--	.00	--
22	--	--	--	--	--	--	--	.39	.00	--	.00	--
23	--	--	--	--	--	--	--	.31	.00	--	.00	--
24	--	--	--	--	--	--	--	.00	.00	--	.00	--
25	--	--	--	--	--	--	--	.00	.00	--	.00	--
26	--	--	--	--	--	--	--	.00	.00	--	.00	--
27	--	--	--	--	--	--	--	.00	.00	--	.00	--
28	--	--	--	--	--	--	--	.00	.00	--	.00	--
29	--	--	--	--	--	--	--	.00	.00	--	.00	--
30	--	--	--	--	--	--	--	.00	.00	--	.00	--
31	--	--	--	--	--	--	--	.00	--	--	--	--
Total	--	--	--	--	--	--	--	0.70	0.00	--	--	--
Mean	--	--	--	--	--	--	--	.023	.00	--	--	--
Maximum	--	--	--	--	--	--	--	.39	.00	--	--	--
Minimum	--	--	--	--	--	--	--	.00	.00	--	--	--
Acre-feet	--	--	--	--	--	--	--	1.4	.0	--	--	--

Table 26.—Mean daily discharge, in cubic feet per second, at (08329914) North Camino
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	.0	.0	.0	--

Table 26.—Mean daily discharge, in cubic feet per second, at (08329914) North Camino
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	.0	.0	--	--

Table 26.—Mean daily discharge, in cubic feet per second, at (08329914) North Camino
Arroyo Tributary for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acres-feet	--	--	--	.0	.0	.0	.0	.0	.0	.0	.0	--

Table 26.—Mean daily discharge, in cubic feet per second, at (08329914) North Camino
Arroyo Tributary for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.05	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	1.4	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.62	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.00	0.00	0.00	0.62	1.45	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.00	.020	.047	.00	.00	.00	--
Maximum	--	--	--	.00	.00	.00	.62	1.4	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	1.2	2.9	.0	.0	.0	--

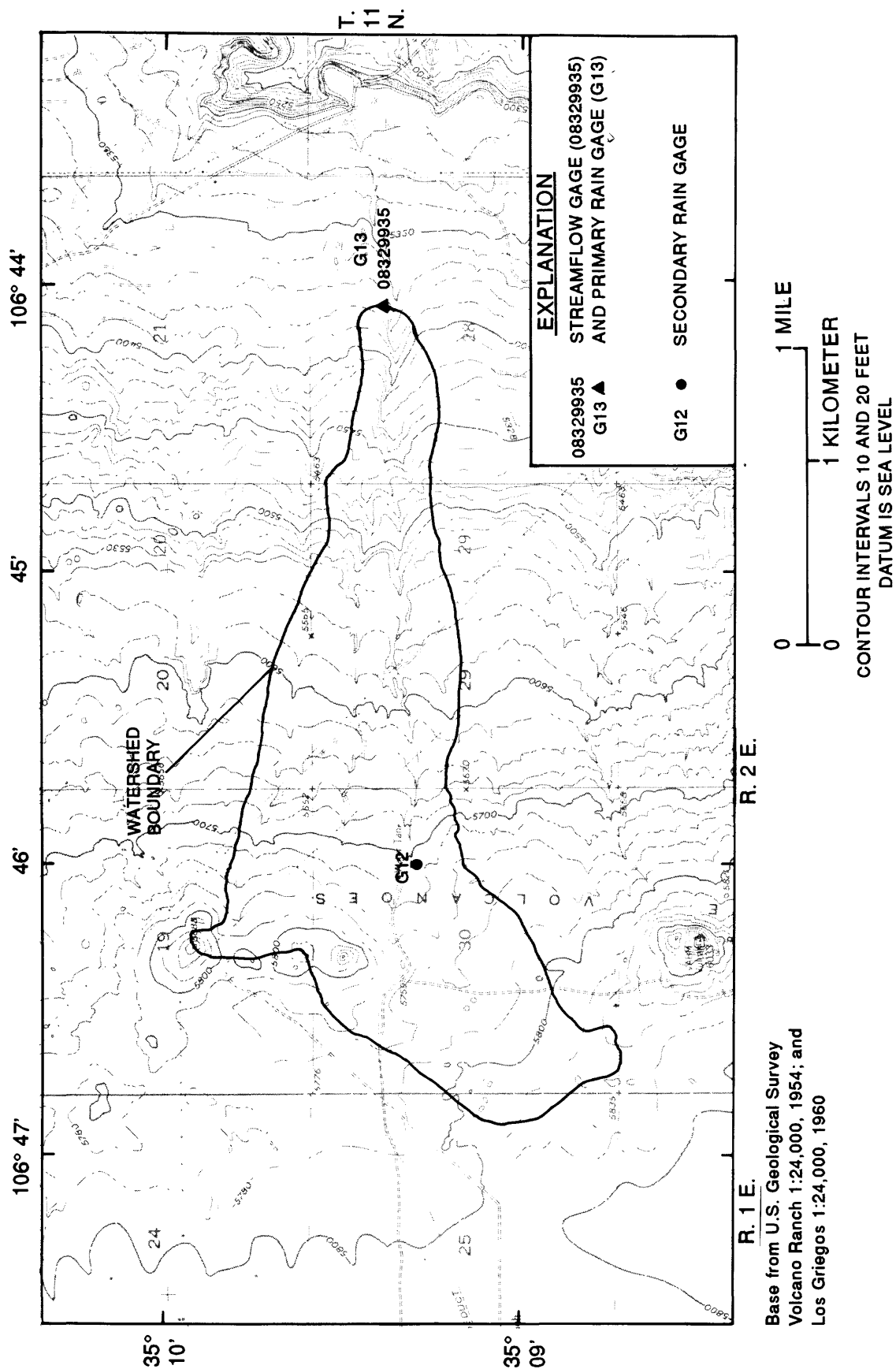


Figure 7.--Watershed for Arroyo 19A (08329935) (modified from Fischer and others, 1984, fig. 7).

STATION DESCRIPTION
08329935 ARROYO 19A AT ALBUQUERQUE

LOCATION.--Lat 35°09'24", long 106°43'37", in NE 1/4 NE 1/4 sec. 28, T. 11 N., R. 2 E., Bernalillo County, Hydrologic Unit 13020203, on right bank 450 ft upstream from culvert under 81st Street, 1,200 ft south of city water tank, and 0.6 mi south of intersection of 81st Street and Atrisco Drive, near Albuquerque.

DRAINAGE AREA.--1.50 mi² (960 acres) (revised). 1.56 mi² (998 acres) revised, prior to June 6, 1986.

PERIOD OF RECORD.--June 1977 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,328 ft, from topographic orthophoto map.

RAIN GAGES.--The primary recording rain gage (G13) is a digital paper-tape recorder at the station. A secondary recording rain gage (G12) is in the watershed. Figures 1 and 7 show locations. Table 2 lists periods of record.

REMARKS.--Records poor. During flow events flume is often clogged with debris. This basin drains undeveloped semidesert terrain above the escarpment west of Albuquerque. Gage moved 100 ft upstream to present site in June 1986.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 100 ft³/s Oct. 2, 1981, gage height 4.03 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 3.8 ft³/s, Aug. 22, 1988; no flow most of the time.

Calendar year 1984: Maximum discharge, 2.9 ft³/s Oct. 15, gage height 0.81 ft; no flow most of the time.

Calendar year 1985: Maximum discharge, 1.8 ft³/s Oct. 11, gage height 0.59 ft; no flow most of the time.

Calendar year 1986: No flow recorded.

Calendar year 1987: No flow recorded.

Calendar year 1988: Maximum discharge, 3.8 ft³/s Aug. 22, gage height 0.96 ft; no flow most of the time.

Table 27.—Daily rainfall, in inches, at Arroyo 19A primary gage G13 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.22	0.00	0.01	0.03	0.01	0.00	0.00
2	—	—	—	.00	.00	.10	.00	.34	.00	.16	.00	.00
3	—	—	—	.00	.00	.01	.00	.02	.00	.48	.00	.00
4	—	—	—	.00	.00	.00	.00	.43	.00	.10	.00	.15
5	—	—	—	.00	.00	.09	.11	.00	.00	.01	.00	.00
6	—	—	—	.00	.00	.00	.01	.05	.00	.01	.00	—
7	—	—	—	.00	.00	.00	.00	.38	.00	.05	.00	—
8	—	—	—	.00	.00	.00	.00	.02	.00	.01	.00	—
9	—	—	—	.00	.00	.00	.00	.00	.00	.01	.00	—
10	—	—	—	.00	.00	.00	.04	.00	.00	.01	.00	—
11	—	—	—	.00	.00	.00	.00	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	.46	.07	.00	.20	.00	—
13	—	—	—	.00	.00	.00	.00	.02	.00	.02	.00	—
14	—	—	—	.00	.00	.00	.01	.00	.15	.00	.00	—
15	—	—	—	.00	—	.00	.00	.00	.01	1.02	.00	—
16	—	—	—	.00	—	.01	.94	.00	.01	.00	.00	—
17	—	—	—	.00	—	.00	.01	.00	.00	.00	.32	—
18	—	—	—	.00	—	.00	.00	.00	.00	.03	.15	—
19	—	—	—	.00	—	.33	.00	.09	.00	.07	.00	—
20	—	—	—	.03	—	.01	.00	.00	.00	.00	.00	—
21	—	—	—	.01	—	.00	.00	.00	.00	.13	.00	—
22	—	—	0.00	.00	—	.00	.11	.21	.00	.04	.00	—
23	—	—	.00	.00	—	.00	.00	.15	.01	.00	.04	—
24	—	—	.00	.00	—	.00	.00	.01	.01	.12	.16	—
25	—	—	.00	.00	.00	.00	.00	.00	.19	.02	.03	—
26	—	—	.35	.10	.00	.01	.00	.00	.59	.01	.01	—
27	—	—	.12	.00	.00	.01	.00	.00	.00	.01	.00	—
28	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
29	—	—	.00	.13	.00	.00	.00	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.02	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.05	.00	—	.00	—	—
Total	—	—	—	0.27	—	0.81	1.74	1.80	1.00	2.52	0.71	—

Table 27.—Daily rainfall, in inches, at Arroyo 19A primary gage G13 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.08	0.00	0.00	0.07	0.00	0.00	0.01	0.00
2	--	--	--	.00	.01	.00	.10	.26	.26	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.03	.04	.00	.00	--
4	--	--	--	.00	.02	.00	.00	.00	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.07	.00	--
8	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.34	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.93	.00	--
11	--	--	.02	.00	.00	.00	.00	.03	.04	.03	.00	--
12	--	--	.51	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.06	.00	.02	.00	.00	.00	.00	--
14	--	--	.00	.00	.01	.00	.00	.00	.00	.00	.00	--
15	--	--	.01	.00	.00	.00	.18	.00	.33	.00	.00	--
16	--	--	.01	.00	.00	.00	.03	.00	.32	.42	.00	--
17	--	--	.00	.00	.00	.00	.34	.00	.30	.23	.00	--
18	--	--	.00	.04	.00	.07	.01	.00	.34	.00	.00	--
19	--	--	.19	.00	.01	.00	.00	.00	.15	.00	.00	--
20	--	--	.01	.00	.00	.00	.00	.26	.39	.00	.00	--
21	--	--	.00	.02	.06	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.22	.00	.00	.14	.00	.00	.00	.00	--
23	--	--	.00	.01	.06	.00	.05	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.38	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.08	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.06	.00	.00	.00	.00	.00	.00	.01	--
27	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	1.05	.00	.00	.06	.00	.10	.00	.00	--
29	--	--	.06	.03	.00	.00	.19	.00	.02	.00	.00	--
30	--	--	.01	.00	.00	.00	.02	.00	.00	.00	.06	--
31	--	--	--	--	.01	--	.03	.00	--	.00	--	--
Total	--	--	--	1.44	0.40	0.45	1.17	0.66	2.29	2.02	0.08	--

Table 27.—Daily rainfall, in inches, at Arroyo 19A primary gage G13 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.08	0.00	0.00	0.08	0.00	0.00	0.00	0.03	--
2	--	--	--	.05	.03	.11	.00	.00	.00	.00	.56	--
3	--	--	--	.00	.15	.03	.00	.00	.00	.00	.25	--
4	--	--	--	.00	.00	.00	.98	.02	.02	.00	.33	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.02	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.02	--
7	--	--	.00	.00	.00	.00	.27	.01	.00	.00	.20	--
8	--	--	.00	.00	.00	.00	.04	.18	.60	.00	.00	--
9	--	--	.00	.00	.00	.00	.39	.03	.08	.00	.08	--
10	--	--	.02	.00	.00	.00	.00	.00	.02	.00	.09	--
11	--	--	.02	.00	.00	.00	.00	.00	.00	.00	.06	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.03	--
13	--	--	.02	.00	.00	.00	.00	.11	.06	.03	.23	--
14	--	--	.04	.00	.00	.00	.00	.00	.00	.26	.02	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.03	--
16	--	--	.00	.00	.31	.00	.02	.00	.03	.00	.00	--
17	--	--	.00	.00	.59	.00	.49	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	--	.02	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.05	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.04	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.02	.01	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	.11	.02	.00	--	--
24	--	--	.00	.00	.00	.31	.00	.00	.23	.00	--	--
25	--	--	.00	.00	.00	.15	.00	.07	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.02	.02	.00	.00	--	--
27	--	--	.00	.00	.00	.17	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.11	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.10	.47	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.01	.00	--	.00	--	--
Total	--	--	--	0.13	1.29	--	2.43	0.56	1.06	0.29	--	--

Table 27.—Daily rainfall, in inches, at Arroyo 19A primary gage G13 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.30	0.00
2	--	--	--	.00	.00	.00	.00	.03	.01	.00	.03	.00
3	--	--	0.00	.00	.00	.00	.00	.01	.00	.00	.01	.00
4	--	--	.00	.08	.00	.01	.00	.00	.00	.00	.01	.00
5	--	--	.00	.07	.00	.01	.00	.00	.02	.01	.04	.00
6	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.02	.00
7	--	--	.00	.00	.00	.00	.01	.03	.00	.00	.00	.00
8	--	--	.00	.00	.00	.06	.01	.01	.01	.01	.00	.00
9	--	--	.00	.00	.00	.00	.01	.03	.01	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.01	--
11	--	--	.00	.00	.00	.00	.00	.07	.01	.00	.01	--
12	--	--	.00	.15	.00	.00	.01	.09	.01	.00	.01	--
13	--	--	.00	.00	.00	.00	.01	.02	.00	.02	.01	--
14	--	--	.00	.00	.03	.00	.01	.00	.00	.22	.01	--
15	--	--	.00	.00	.59	.00	.00	.00	.00	.00	.03	--
16	--	--	.00	.00	.19	.00	.09	.01	.01	.00	.00	--
17	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.01	--
18	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.01	--
20	--	--	.00	.00	.00	.00	.09	.00	.01	.00	.01	--
21	--	--	.00	.00	.09	.00	.05	.01	.00	.01	.01	--
22	--	--	.00	.00	.10	.00	.03	.31	.00	.01	.00	--
23	--	--	.00	.00	.01	.00	.01	.04	.00	.01	.00	--
24	--	--	.00	.00	.03	.00	.10	.13	.01	.05	.00	--
25	--	--	.00	.00	.00	.00	.01	.11	.15	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.01	.00	.07	.08	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.22	.01	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.22	.02	.00	.01	.00	--
30	--	--	.00	.00	.00	.00	.01	.00	.00	.17	.00	--
31	--	--	.00	--	.00	--	.01	.00	--	.06	--	--
Total	--	--	--	0.30	1.05	0.09	0.99	1.07	0.25	0.58	0.53	--

Table 27.—Daily rainfall, in inches, at Arroyo 19A primary gage G13 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.35	--	0.00	0.01	0.00	0.07	0.01	0.00	0.11
2	--	--	--	.10	--	.00	.01	.01	.00	.00	.00	.04
3	--	--	--	.00	--	.00	.00	.07	.00	.01	.00	--
4	--	--	--	.00	--	.03	.00	.01	.00	.01	.00	--
5	--	--	--	.00	0.00	.02	.07	.08	.00	.05	.00	--
6	--	--	--	.00	.00	.00	.01	.05	.00	.03	.00	--
7	--	--	0.00	.00	.00	.00	.00	.00	.00	.04	.00	--
8	--	--	.00	.00	.00	.00	.02	.00	.00	.03	.00	--
9	--	--	.00	.00	.00	.00	.86	.23	.00	.00	.00	--
10	--	--	.00	.00	.00	.11	.02	.01	.00	.00	.00	--
11	--	--	.00	.00	.00	.70	.01	.06	.31	.00	.01	--
12	--	--	.00	.00	.00	.01	.01	.00	.34	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.01	.11	.00	.02	--
14	--	--	.00	.08	.00	.01	.01	.00	.02	.00	.01	--
15	--	--	.00	.00	.00	.01	.00	.00	.00	.00	.00	--
16	--	--	.00	.90	.00	.00	.01	.07	.00	.00	.21	--
17	--	--	.00	.02	.04	.00	.00	.21	.00	.00	.24	--
18	--	--	.00	.00	.08	.00	.01	.26	.00	.00	.08	--
19	--	--	.00	.00	.04	.00	.01	.00	.00	.00	.09	--
20	--	--	.00	.00	.14	.00	.00	.00	.04	.00	.21	--
21	--	--	.00	.00	.02	.00	.00	.00	.61	.00	.19	--
22	--	--	.00	.00	.01	.00	.00	.81	.09	.01	.15	--
23	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.16	--
24	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.08	--
25	--	--	.00	.00	.00	.00	.00	.17	.00	.00	.00	--
26	--	--	.00	.00	.00	.03	.00	.02	.00	.01	.09	--
27	--	--	.00	.00	.01	.41	.32	.23	.00	.00	.12	--
28	--	--	.00	--	.01	.18	.04	.37	.00	.00	.09	--
29	--	--	.00	--	.01	.00	.16	.01	.00	.00	.09	--
30	--	--	.03	--	.00	.12	.02	.02	.00	.00	.21	--
31	--	--	.16	--	.00	--	.00	.01	--	.00	--	--
Total	--	--	--	--	--	1.63	1.62	2.72	1.59	0.20	2.05	--

Table 28.—Daily rainfall, in inches, at Arroyo 19A secondary gage G12 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	0.11	0.00	0.00	0.02	0.00	--	0.00
2	--	--	--	--	--	.05	.00	.12	.00	.19	--	.00
3	--	--	--	--	--	.00	.00	.00	.00	.59	0.00	.00
4	--	--	--	--	--	.00	.00	.31	.00	.11	.00	.12
5	--	--	--	--	--	.10	.20	.02	.00	.00	.00	.00
6	--	--	--	--	--	.00	.01	.10	.00	.00	.00	--
7	--	--	--	--	--	.00	.00	.40	.00	.00	.00	--
8	--	--	--	--	--	.00	.00	.03	.00	.00	.00	--
9	--	--	--	--	--	.00	.01	.00	.00	.00	.00	--
10	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
11	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
12	--	--	--	--	--	.00	.00	.06	.00	.18	.00	--
13	--	--	--	--	--	.00	.01	.03	.00	.00	.00	--
14	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
15	--	--	--	--	--	.00	.00	.00	.02	1.03	.00	--
16	--	--	--	--	--	.00	.63	.00	.00	.00	.00	--
17	--	--	--	--	--	.00	.01	.00	.00	.00	.25	--
18	--	--	--	--	--	.00	.00	.00	.00	.00	.18	--
19	--	--	--	--	--	.16	.00	.04	.00	.00	.00	--
20	--	--	--	--	--	.01	.00	.01	.00	.00	.01	--
21	--	--	--	--	--	.00	.00	.00	.00	--	.00	--
22	--	--	--	--	--	.00	.02	.26	.00	--	.00	--
23	--	--	--	--	--	.00	.00	.49	.01	--	.08	--
24	--	--	--	--	--	.10	.03	.00	.00	--	.17	--
25	--	--	--	--	--	.00	.00	.00	.26	--	.04	--
26	--	--	--	--	--	.05	.00	.00	.61	--	.01	--
27	--	--	--	--	--	.00	.00	.00	.00	--	.02	--
28	--	--	--	--	--	.00	.00	.00	.00	--	.00	--
29	--	--	--	--	0.00	.00	.00	.00	.00	--	.00	--
30	--	--	--	--	.00	.00	.00	.00	.00	--	.00	--
31	--	--	--	--	.00	--	.41	.00	--	--	--	--
Total	--	--	--	--	--	0.58	1.33	1.87	0.92	--	--	--

Table 28.—Daily rainfall, in inches, at Arroyo 19A secondary gage G12 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.10	0.00	0.00	0.11	0.00	0.00	--	--
2	--	--	--	.00	.01	.00	.04	.23	.43	.00	--	--
3	--	--	--	.00	.00	.00	.00	.07	.04	.00	--	--
4	--	--	--	.00	.08	.00	.00	.00	.00	.00	--	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	--	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
7	--	--	.00	.00	.00	.00	.00	.06	.00	.05	--	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.65	--	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	1.43	--	--
11	--	--	.01	.00	.00	.00	.00	.01	.00	.00	--	--
12	--	--	.62	.00	.01	.00	.00	.00	.00	.00	--	--
13	--	--	.00	.00	.01	.00	.00	.00	.00	.00	--	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
15	--	--	.02	.00	.01	.00	.18	.00	.18	.00	--	--
16	--	--	.03	.00	.03	.00	.02	.00	.48	.06	--	--
17	--	--	.00	.00	.00	.00	.02	.00	.14	--	--	--
18	--	--	.00	.00	.00	.07	.01	.00	.29	--	--	--
19	--	--	.17	.00	.00	.01	.00	.00	.13	--	--	--
20	--	--	.01	.00	.01	.00	.00	.26	--	--	--	--
21	--	--	.00	.02	.08	.00	.00	.00	--	--	--	--
22	--	--	.00	.19	.02	.00	.05	.00	--	--	--	--
23	--	--	.00	.00	.00	.00	.10	.00	--	--	--	--
24	--	--	.00	.01	.00	.19	.00	.00	--	--	--	--
25	--	--	.00	.00	.00	.00	.02	.00	.00	--	--	--
26	--	--	.00	.02	.00	.00	.00	.00	.00	--	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
28	--	--	.00	1.22	.00	.00	.06	.00	.06	--	--	--
29	--	--	.14	.04	.00	.00	.26	.00	.00	--	--	--
30	--	--	.02	.01	.00	.00	.00	.00	.00	--	--	--
31	--	--	.00	--	.00	--	.05	.00	--	--	--	--
Total	--	--	--	1.51	0.36	0.27	0.81	0.74	--	--	--	--

Table 28.—Daily rainfall, in inches, at Arroyo 19A secondary gage G12 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.06	0.00	0.00	0.11	0.01	0.00	--	--	--
2	--	--	--	.04	.02	.00	.00	.00	.01	--	--	--
3	--	--	--	.00	.20	.05	.00	.00	.00	--	--	--
4	--	--	--	.00	.02	.02	.11	.12	.00	--	--	--
5	--	--	--	.00	.00	.01	.00	.00	.00	--	--	--
6	--	--	0.00	.00	.00	.00	.00	.00	.00	--	--	--
7	--	--	.00	.00	.00	.00	.19	.01	.00	--	--	--
8	--	--	.00	.00	.00	.00	.05	.26	.38	--	--	--
9	--	--	.00	.00	.00	.00	.38	.00	.06	--	--	--
10	--	--	.00	.00	.00	.00	.00	.00	.02	--	--	--
11	--	--	.02	.00	.00	.00	.00	.00	.00	--	--	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
13	--	--	.00	.00	.00	.00	.00	.11	.03	--	--	--
14	--	--	.05	.00	.00	.00	.00	.00	.00	--	--	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
16	--	--	.00	.00	.23	.00	.45	.00	.04	--	--	--
17	--	--	.00	.00	.68	.00	.01	.00	.00	--	--	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
19	--	--	.00	.00	.00	.00	.00	.00	--	--	--	--
20	--	--	.00	.00	.00	.00	.11	.00	--	--	--	--
21	--	--	.00	.00	.00	.00	.04	.00	--	--	--	--
22	--	--	.00	.00	.00	.00	.00	.04	--	--	--	--
23	--	--	.00	.00	.00	.00	.00	.07	--	--	--	--
24	--	--	.00	.00	.00	.31	.00	.00	--	--	--	--
25	--	--	.00	.01	.00	.16	.00	.08	--	--	--	--
26	--	--	.00	.00	.00	.03	.00	.00	--	--	--	--
27	--	--	.00	.00	.00	.36	.00	.00	--	--	--	--
28	--	--	.00	.00	.00	.00	.00	.00	--	--	--	--
29	--	--	.00	.00	.07	.00	.00	.00	--	--	--	--
30	--	--	.00	.00	.11	.08	.00	.00	--	--	--	--
31	--	--	.00	--	.00	--	.02	.00	--	--	--	--
Total	--	--	--	0.11	1.33	1.02	1.47	0.70	--	--	--	--

Table 28.—Daily rainfall, in inches, at Arroyo 19A secondary gage G12 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	--	--	--	--	--	--
2	--	--	--	.00	.00	.00	--	--	--	--	--	--
3	--	--	0.00	.00	.00	.00	--	--	--	--	--	--
4	--	--	.00	.00	.00	.00	--	--	--	--	--	--
5	--	--	.00	.00	.00	.00	--	--	--	--	--	--
6	--	--	.00	.00	.00	.00	--	--	--	--	--	--
7	--	--	.00	.00	.00	.00	--	--	--	--	--	--
8	--	--	.00	.00	.00	.06	--	--	--	--	--	--
9	--	--	.00	.00	.00	.00	--	--	--	--	--	--
10	--	--	.00	.00	.00	--	--	--	--	--	--	--
11	--	--	.00	.00	.00	--	--	--	--	--	--	--
12	--	--	.00	.00	.00	--	--	--	--	--	--	--
13	--	--	.00	.00	.00	--	--	--	--	--	--	--
14	--	--	.00	.00	.03	--	--	--	--	--	--	--
15	--	--	.00	.00	.59	--	--	--	--	--	--	--
16	--	--	.00	.00	.19	--	--	--	--	--	--	--
17	--	--	.00	.00	.00	--	--	--	--	--	--	--
18	--	--	.00	.00	.00	--	--	--	--	--	--	--
19	--	--	.00	.00	.00	--	--	--	--	--	--	--
20	--	--	.00	.00	.00	--	--	--	--	--	--	--
21	--	--	.00	.00	.10	--	--	--	--	--	--	--
22	--	--	.00	.00	.10	--	--	--	--	--	--	--
23	--	--	.00	.00	.00	--	--	--	--	--	--	--
24	--	--	.00	.00	.03	--	--	--	--	--	--	--
25	--	--	.00	.00	.00	--	--	--	--	--	--	--
26	--	--	.00	.00	.00	--	--	--	--	--	--	--
27	--	--	.00	.00	.00	--	--	--	--	--	--	--
28	--	--	.00	.00	.00	--	--	--	--	--	--	--
29	--	--	.00	.00	.00	--	--	--	--	--	--	--
30	--	--	.00	.00	.00	--	--	--	--	--	--	--
31	--	--	.00	--	.00	--	--	--	--	--	--	--
Total	--	--	--	0.00	1.04	--	--	--	--	--	--	--

Table 28.—Daily rainfall, in inches, at Arroyo 19A secondary gage G12 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	--	0.01	0.07	0.01	0.00	0.11
2	--	--	--	.00	.00	.00	--	.01	.00	.00	.00	.04
3	--	--	--	.00	.00	.00	--	.01	.00	.00	.00	--
4	--	--	--	.00	.00	.03	--	.01	.00	.01	.00	--
5	--	--	--	.00	.00	.02	--	.01	.00	.05	.00	--
6	--	--	--	.00	.00	.00	--	.00	.00	.03	.00	--
7	--	--	0.00	.00	.00	--	0.00	.01	.00	.04	.00	--
8	--	--	.06	.00	.00	--	.00	.01	.00	.03	.00	--
9	--	--	.01	.00	.00	--	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	--	.00	.06	.31	.00	.01	--
12	--	--	.00	.00	.00	--	.00	.00	.34	.00	.00	--
13	--	--	.00	.00	.00	--	.00	.01	.11	.00	.02	--
14	--	--	.00	.08	.00	--	.00	.00	.02	.00	.01	--
15	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
16	--	--	.00	.90	.00	--	.00	.07	.00	.00	.21	--
17	--	--	.00	.02	.04	--	.00	.21	.00	.00	.24	--
18	--	--	.00	.00	.08	--	.00	.26	.00	.00	.08	--
19	--	--	.00	.00	.04	--	.00	.00	.00	.00	.09	--
20	--	--	.00	.00	.14	--	.00	.00	.04	.00	.21	--
21	--	--	.00	.00	.02	--	.00	.00	.61	.00	.19	--
22	--	--	.00	.00	.00	--	.00	.81	.09	.00	.15	--
23	--	--	.00	.00	.00	--	.00	.00	.00	.00	.16	--
24	--	--	.00	.00	.00	--	.00	.00	.00	.00	.08	--
25	--	--	.00	.00	.00	--	.00	.17	.00	.00	.00	--
26	--	--	.00	.00	.00	--	.00	.02	.00	.00	.09	--
27	--	--	.00	.00	.02	--	.00	.23	.00	.00	.12	--
28	--	--	.00	.00	.00	--	.00	.37	.00	.00	.09	--
29	--	--	.00	.00	.00	--	.00	.00	.00	.00	.09	--
30	--	--	.00	.00	.00	--	.00	.04	.00	.00	.21	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	1.00	0.34	--	--	2.32	1.59	0.17	2.05	--

Table 29.—Mean daily discharge, in cubic feet per second, at (08329935) Arroyo 19A for calendar years 1984–88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.05	.00	.00
4	--	--	--	.00	.00	.00	.00	.10	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.00	.00	.10	.00	--
16	--	--	--	.00	.00	.00	.30	.00	.00	.00	.00	--
17	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.10	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.00	0.00	0.00	0.30	0.20	0.00	0.15	0.00	--
Mean	--	--	--	.00	.00	.00	.010	.006	.00	.005	.00	--
Maximum	--	--	--	.00	.00	.00	.30	.10	.00	.10	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	.6	.4	.0	.3	.0	--

Table 29.—Mean daily discharge, in cubic feet per second, at (08329935) Arroyo 19A
for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.08	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.10	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.10	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.10	0.00	0.00	0.00	0.18	0.00	--
Mean	--	--	--	.00	.00	.003	.00	.00	.00	.006	.00	--
Maximum	--	--	--	.00	.00	.10	.00	.00	.00	.10	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.2	.0	.0	.0	.4	.0	--

Table 29.—Mean daily discharge, in cubic feet per second, at (08329935) Arroyo 19A
for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	.0	.0	--	--

Table 29.—Mean daily discharge, in cubic feet per second, at (08329935) Arroyo 19A
for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00
3	--	--	0.00	.00	.00	.00	--	.00	.00	.00	.00	.00
4	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	.00
6	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	.00
7	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.00	--	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	--	--	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	--	0.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	--	--	0.00	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	--	--	.00	.00	.00	.00	--
Maximum	--	--	--	.00	.00	--	--	.00	.00	.00	.00	--
Minimum	--	--	--	.00	.00	--	--	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	--	--	.0	.0	.0	.0	--

Table 29.—Mean daily discharge, in cubic feet per second, at (08329935) Arroyo 19A
for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	--	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00
4	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	--
7	--	--	0.00	.00	.00	.00	.00	.00	--	--	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	--	0.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	--	--	0.00	--
Mean	--	--	--	.00	.00	.00	.00	.00	--	--	.00	--
Maximum	--	--	--	.00	.00	.00	.00	.00	--	--	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	--	--	.00	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	--	--	.0	--

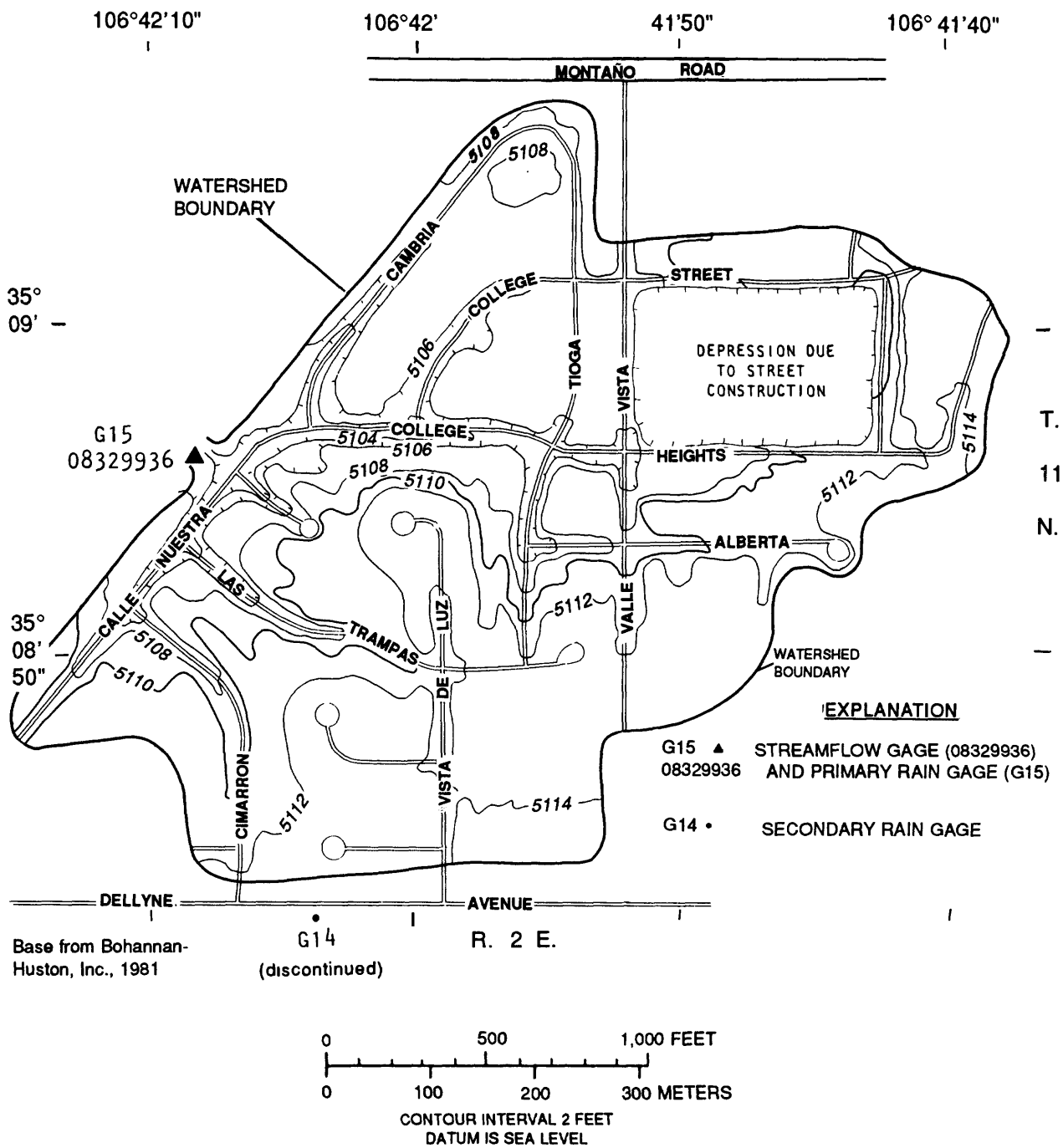


Figure 8.--Watershed for Taylor Ranch Drain (08329936) (modified from Fischer and others, 1984, fig. 8).

STATION DESCRIPTION
08329936 TAYLOR RANCH DRAIN AT ALBUQUERQUE

LOCATION.--Lat 35°08'56", long 106°42'03", in SE 1/4 SW 1/4 sec. 26, T. 11 N., R. 2 E., Bernalillo County, Hydrologic Unit 13020203, on left bank of drainage outlet for Taylor Ranch subdivision, 120 ft west of intersection of Calle Nuestra and Cabrillo Circle and 1,850 ft southwest of intersection of Montaño Road and Valle Vista Drive in Albuquerque.

DRAINAGE AREA.--0.132 mi² (84.5 acres).

PERIOD OF RECORD.--August 1978 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,115 ft, from topographic map.

RAIN GAGES.--The primary recording rain gage (G15) is a digital paper-tape recorder at the station. A secondary recording rain gage (G14) was located just outside the watershed. Figures 1 and 8 show locations. Table 2 lists periods of record.

REMARKS.--Records good. The basin is primarily urban residential.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43 ft³/s Sept. 8, 1980, gage height 3.26 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 28 ft³/s, Aug. 18, 1988; no flow most of the time.

Calendar year 1984: No flow recorded.

Calendar year 1985: Maximum discharge, 9.5 ft³/s, June 24; gage height 1.86 ft; no flow most of the time.

Calendar year 1986: Maximum discharge, 15 ft³/s, Oct. 10; gage height 2.13 ft; no flow most of the time.

Calendar year 1987: Maximum discharge, 26 ft³/s, July 24; gage height 2.63 ft; no flow most of the time.

Calendar year 1988: Maximum discharge, 28 ft³/s, Aug. 18; gage height 2.71 ft; no flow most of the time.

Table 30.--Daily rainfall, in inches, at Taylor Ranch primary gage G15 for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	--	0.00	0.00	0.01	--	--	0.05
2	--	--	--	.00	.00	--	.01	.66	.00	0.15	--	--
3	--	--	--	.00	.00	--	.04	.00	.00	.46	0.00	--
4	--	--	--	.00	.00	--	.00	.32	.00	.09	.00	--
5	--	--	--	.00	.00	--	.01	.01	.00	--	.00	--
6	--	--	--	.00	.00	--	.01	.17	.00	--	.00	--
7	--	--	--	.00	.00	--	.01	.31	.00	.05	.00	--
8	--	--	--	.00	.00	--	.01	.03	.00	--	.00	--
9	--	--	--	.00	.00	--	.00	.00	.32	--	.00	--
10	--	--	--	.00	.00	--	.39	.00	.04	--	.00	--
11	--	--	--	.00	.00	--	.00	.00	.00	--	.00	--
12	--	--	--	.00	.00	--	.09	.03	.00	.19	.00	--
13	--	--	--	.00	.00	--	.01	.02	.00	--	.00	--
14	--	--	--	.00	.00	--	.00	.00	.00	--	.00	--
15	--	--	--	.00	.01	--	.00	.00	.00	1.00	.00	--
16	--	--	--	.00	.00	--	.75	.00	.00	--	.00	--
17	--	--	--	.00	.00	--	.01	.00	.00	--	.36	--
18	--	--	--	.00	.00	--	.00	.00	.00	.03	.13	--
19	--	--	--	.00	.00	--	.00	.09	.00	.06	.00	--
20	--	--	--	.04	.00	--	.00	.02	.00	--	.00	--
21	--	--	--	.01	.00	0.00	.00	.00	.62	--	.01	--
22	--	--	0.00	.00	.00	.00	.28	.10	--	--	.00	--
23	--	--	.00	.00	.60	.00	.00	.16	--	--	.03	--
24	--	--	.00	.00	.02	.00	.00	.01	--	.11	.18	--
25	--	--	.00	.00	.00	.00	.00	.00	--	--	.03	--
26	--	--	.34	.14	.00	.00	.00	.00	--	--	.01	--
27	--	--	.15	.00	.00	.00	.00	.00	--	--	.07	--
28	--	--	.00	.00	.00	.00	.00	.00	--	--	.03	--
29	--	--	.00	.12	.00	.00	.00	.00	--	--	.00	--
30	--	--	.00	.00	.00	.00	.01	.00	--	--	.01	--
31	--	--	.00	--	.00	--	.00	.00	--	--	--	--
Total	--	--	--	0.31	0.63	--	1.63	1.93	--	--	--	--

Table 30.—Daily rainfall, in inches, at Taylor Ranch primary gage G15 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	0.03	0.00	0.00	0.05	0.00	0.00	0.03	0.00
2	--	--	--	--	.00	.00	.12	.44	.17	.00	.00	.00
3	--	--	--	--	.00	.00	.00	.03	.05	.00	.00	.00
4	--	--	--	--	.07	.00	.00	.00	.00	.00	.00	--
5	--	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.01	.02	.00	.07	.00	--
8	--	--	.00	.00	.00	.00	.00	.02	.00	.06	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.24	.00	--
10	--	--	.00	.00	.00	.00	.00	.23	.00	1.07	.00	--
11	--	--	.01	.00	.00	.00	.00	.07	.00	.05	.00	--
12	--	--	.55	.00	.08	.00	.00	.00	.00	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.01	.00	--
14	--	--	--	.00	.00	.00	.00	.00	.00	.00	.01	--
15	--	--	--	.00	.00	.00	.18	.00	.51	.00	.00	--
16	--	--	--	.00	.00	.00	.02	.00	.31	.40	.00	--
17	--	--	--	.00	.02	.00	.01	.00	.27	.23	.00	--
18	--	--	--	.01	.00	.08	.01	.00	.40	.00	.00	--
19	--	--	--	.01	.00	.00	.00	.00	.17	.00	.00	--
20	--	--	--	.00	.00	.00	.00	.31	.71	.00	.00	--
21	--	--	--	.02	.09	.00	.00	.00	.00	.00	.00	--
22	--	--	--	.18	.01	.00	.00	.00	.00	.00	.00	--
23	--	--	--	.00	.01	.00	.07	.00	.00	.00	.00	--
24	--	--	--	.00	.00	.23	.00	.00	.00	.00	.00	--
25	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	--	.08	.00	.00	.00	.00	.00	.00	.02	--
27	--	--	--	.00	.00	.00	.00	.00	.00	.00	.01	--
28	--	--	--	1.04	.00	.00	.09	.00	.14	.00	.00	--
29	--	--	--	.03	.00	.00	.23	.00	.01	.00	.00	--
30	--	--	--	.00	.00	.00	.00	.00	.00	.00	.07	--
31	--	--	--	--	.00	--	.02	.00	--	.00	--	--
Total	--	--	--	--	0.31	0.31	0.76	1.17	2.74	2.13	0.14	--

Table 30.—Daily rainfall, in inches, at Taylor Ranch primary gage G15 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.14	0.00	0.00	0.09	0.00	0.00	0.00	0.04	--
2	--	--	--	.06	.03	.00	.00	.00	.00	.00	.62	--
3	--	--	--	.00	.15	.11	.00	.00	.00	.00	.26	--
4	--	--	--	.00	.02	.03	.33	.03	.05	.00	.33	--
5	--	--	--	.01	.00	.00	.01	.00	.00	.76	.02	--
6	--	--	--	.00	.00	.00	.00	.02	.00	.08	.04	--
7	--	--	--	.00	.00	.00	.26	.00	.00	.00	.11	--
8	--	--	0.00	.00	.01	.00	.14	.17	.17	.00	.00	--
9	--	--	.00	.01	.00	.00	.37	.02	.10	.32	.03	--
10	--	--	.04	.00	.00	.00	.00	.02	.01	.40	.03	--
11	--	--	.02	.00	.00	.00	.00	.00	.00	.47	.00	--
12	--	--	.00	.00	.00	.00	.00	.01	.00	.28	.10	--
13	--	--	.03	.00	.00	.00	.00	.12	.15	.00	.00	--
14	--	--	.01	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.01	.00	.00	.00	.10	.00	.00	.00	.00	--
16	--	--	.00	.03	.34	.00	.24	.00	.04	.00	.00	--
17	--	--	.00	.00	.83	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.25	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.02	.00	.00	--	--
23	--	--	.00	.02	.00	.00	.02	.09	.02	.00	--	--
24	--	--	.00	.02	.00	.30	.00	.00	.23	.00	--	--
25	--	--	.00	.00	.00	.26	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.03	.00	.00	--	--
27	--	--	.00	.00	.00	.19	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.10	.05	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.15	.50	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.02	.00	--	.00	--	--
Total	--	--	--	0.29	1.63	1.44	1.86	0.53	0.77	2.31	--	--

Table 30.—Daily rainfall, in inches, at Taylor Ranch primary gage G15 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	--	0.00	0.00	0.00	0.17	0.00
2	--	--	--	.00	.00	.00	--	.00	.00	.00	.02	.00
3	--	--	--	.00	.00	.00	--	.00	.00	.00	.01	.00
4	--	--	0.00	.08	.00	.00	--	.00	.00	.00	.00	.00
5	--	--	.00	.07	.00	.00	--	.04	.01	.00	.04	.00
6	--	--	.00	.00	.00	.00	--	.00	.00	.00	.01	.00
7	--	--	.00	.00	.00	.00	0.00	.00	.00	.00	.00	.01
8	--	--	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00
9	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	--	.00	.00	.00	.00	.01	--
11	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
12	--	--	.00	.15	.00	--	.00	.73	.00	.00	.01	--
13	--	--	.00	.00	.00	--	.00	.02	.00	.03	.01	--
14	--	--	.00	.00	.03	--	.00	.00	.00	.26	.00	--
15	--	--	.00	.00	.59	--	.00	.00	.00	.01	.03	--
16	--	--	.00	.00	.19	--	.00	.01	.00	.00	.00	--
17	--	--	.00	.00	.00	--	.00	.01	.00	.00	.00	--
18	--	--	.00	.00	.00	--	.00	.01	.00	.00	.00	--
19	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.09	--	.00	.01	.00	.00	.00	--
22	--	--	.00	.00	.10	--	.00	.25	.00	.00	.00	--
23	--	--	.00	.00	.01	--	.00	.05	.00	.01	.00	--
24	--	--	.00	.00	.03	--	.00	.08	.00	.03	.00	--
25	--	--	.00	.00	.00	--	.00	.17	.11	.00	.00	--
26	--	--	.00	.00	.00	--	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.01	--	.05	.03	.00	.00	.00	--
28	--	--	.00	.00	.00	--	.19	.01	.00	.00	.00	--
29	--	--	.00	.00	.00	--	.22	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	--	.00	.01	.00	.15	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.07	--	--
Total	--	--	--	0.30	1.05	--	--	1.43	0.12	0.56	0.31	--

Table 30.—Daily rainfall, in inches, at Taylor Ranch primary gage G15 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.35	0.00	0.00	0.39	0.00	0.12	0.00	0.00	0.07
2	--	--	--	.10	.00	.00	.00	.00	.00	.00	.00	.03
3	--	--	--	.00	.00	.00	.00	.06	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.08	.19	.00	.03	.00	--
6	--	--	--	.00	.00	.00	.01	.06	.00	.34	.00	--
7	--	--	0.00	.00	.00	.00	.00	.00	.00	.04	.00	--
8	--	--	.00	.00	.00	.00	.07	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.66	.24	.01	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.01	.01	.00	.00	--
11	--	--	.00	.00	.00	.31	.00	.01	.32	.00	.00	--
12	--	--	.00	.00	.00	.00	.04	.00	.13	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.16	.00	.00	--
14	--	--	.00	.08	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
16	--	--	.00	.90	.00	.00	.00	.04	.00	.00	.03	--
17	--	--	.00	.02	.04	.00	.00	.22	.00	.01	.04	--
18	--	--	.00	.00	.08	.00	.00	.68	.00	.00	.00	--
19	--	--	.00	.00	.04	.00	.02	.00	.00	.00	.06	--
20	--	--	.23	.00	.14	.00	.01	.00	.05	.00	.03	--
21	--	--	.00	.00	.00	.00	.00	.00	.60	.00	.05	--
22	--	--	.00	.00	.20	.00	.00	.41	.35	.00	.05	--
23	--	--	.00	.00	.01	.00	.01	.00	.00	.00	.07	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.03	--
25	--	--	.00	.00	.00	.00	.00	.06	.00	.00	.00	--
26	--	--	.00	.00	.00	.03	.00	.00	.00	.00	.02	--
27	--	--	.00	.00	.00	.41	.21	.25	.00	.00	.10	--
28	--	--	.00	.00	.00	.18	.40	.26	.00	.00	.02	--
29	--	--	.00	.00	.00	.00	.10	.03	.00	.00	.02	--
30	--	--	.00	.00	.00	.12	.00	.01	.00	.00	.05	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	1.45	0.51	1.05	2.00	2.55	1.75	0.42	0.57	--

Table 31.—Daily rainfall, in inches, at Taylor Ranch Drain secondary gage G14 for calendar year 1984

[—, no data]

Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.01	0.00	0.00	0.00	0.00
2	.00	.00	.00	.00	.00	.03	.00	.58	.00	.07	.00	.00
3	.00	.00	.00	.00	.00	.00	.02	.01	.00	.12	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.27	.00	.10	.00	.07
5	.00	.00	.00	.00	.00	.06	.01	.00	.00	.00	.00	—
6	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	--
7	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	—
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
10	.00	.00	.00	.00	.00	.00	.64	.00	.00	.00	.00	--
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
12	.00	.00	.00	.00	.00	.00	.07	.04	.00	.06	.00	--
13	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	--
14	.00	.00	.00	.00	.00	.00	.00	.00	.44	.00	.00	--
15	.19	.00	.00	.00	.00	.00	.00	.00	.00	.25	.00	—
16	.01	.00	.00	.00	.00	.02	.66	.00	.00	.00	.00	--
17	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	--
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	--
19	.00	.00	.00	.00	.00	.28	.00	.05	.00	.03	.00	—
20	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	--
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	--
22	.00	.00	.00	.00	.00	.00	.28	.00	.01	.00	.00	--
23	.00	.00	.00	.00	.35	.00	.00	.10	.00	.00	.03	—
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	--
25	.00	.00	.00	.00	.00	.01	.00	.00	.11	.00	.01	--
26	.00	.00	.15	.00	.00	.00	.00	.00	.31	.00	.00	--
27	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	--
28	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	--
29	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	—
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	.00	—	.00	—	.00	—	.01	.00	—	.00	—	--
Total	0.25	0.00	0.25	0.10	0.35	0.66	1.69	1.49	0.87	0.69	0.20	--

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
03:45	0.04	0.49
03:50	.02	.75
03:55	.01	.68
04:00	.04	1.50
04:05	.03	3.60
04:10	.02	4.30
04:15	.03	4.60
04:20	.03	4.90
04:25	.03	4.90
04:30	.02	5.50
04:35	.03	5.80
04:40	.03	5.80
04:45	.03	6.00
04:50	.03	6.00
04:55	.03	6.10
05:00	.03	5.80
05:05	.02	6.30
05:10	.03	6.10
05:15	.02	6.00
05:20	.02	5.80
05:25	.01	4.70
05:30	.01	4.00
05:35	.02	3.20
05:40	.01	2.10
05:45	.01	1.80
05:50		1.40
05:55	.01	1.20
06:00		.97
06:05	.01	.97
06:10	.01	.89
06:15	.01	.68
06:20	.01	.75
06:25		.68
06:30		.68
06:35		.61

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
06:40	0.01	0.61
06:45		.61
06:50		.55
06:55		.49
07:00		.43
07:05		.33
07:10		.23
07:15		.15
07:20		.11
07:25		.11
07:30		.11
07:35		.08
07:40		.08
07:45		.08
07:50	.02	.15
07:55	.02	.49
08:00	.02	.68
08:05	.02	.82
08:10	.01	1.10
08:15	.01	1.70
08:20		1.70
08:25	.01	1.40
08:30		1.10
08:35	.01	1.10
08:40		.89
08:45	.02	.89
08:50	.01	.89
08:55	.02	1.10
09:00	.02	1.10
09:05	.02	1.70
09:10	.03	3.60
09:15	.02	4.00
09:20	.01	4.00
09:25		2.90
09:30		1.80

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>April 28, 1985</u>		
09:35		1.20
09:40		.82
09:45	0.01	.68
09:50		.68
09:55		.61
10:00		.55
10:05	.01	.55
10:10		.49
10:15		.43
10:20		.43
10:25		.38
10:30		.38
10:35		.33
10:40		.28
10:45	.01	.23
10:50		.19
10:55		.19
11:00	.01	.23
11:05		.28
11:10	.01	.33
11:15		.38
11:20		.43
11:25	.01	.49
11:30		.49
11:35	.01	.55
11:40		.55
11:45		.49
11:50		.49
11:55		.43
12:00		.43
12:05	.01	.38
12:10		.33
12:15		.28
12:20		.15
12:25		.15

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
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April 28, 1985

12:30		0.11
12:35		.11

Total	1.01	
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Total storm runoff over watershed = 0.16
inch.

December 3, 1985

01:50		0.03
01:55		.05
02:00		.11
02:05	0.01	.11
02:10		.15
02:15		.19
02:20		.28
02:25		.38
02:30	.01	.49
02:35		.49
02:40		.49
02:45		.43
02:50		.38
02:55		.33
03:00		.28
03:05		.19
03:10		.15
03:15		.15
03:20		.11
03:25	.01	.11
03:30		.11
03:35	.01	.11
03:40		.08
03:45	.01	.08
03:50		.08

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>December 3, 1985</u>		
03:55		0.08
04:00	0.01	.08
04:05		.08
04:10	.01	.08
04:15	.01	.08
04:20	.01	.11
04:25	.01	.15
04:30	.01	.19
04:35	.01	.28
04:40	.01	.33
04:45		.43
04:50	.01	.49
04:55		.55
05:00	.01	.61
05:05		.61
05:10	.01	.68
05:15		.68
05:20	.01	.68
05:25	.01	.68
05:30		.75
05:35	.01	.82
05:40		.82
05:45		.75
05:50	.01	.75
05:55		.68
06:00		.68
06:05	.01	.68
06:10		.61
06:15		.61
06:20		.61
06:25		.61
06:30		.61
06:35	.01	.61
06:40		.55
06:45	.01	.55

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>December 3, 1985</u>		
06:50		0.55
06:55	0.01	.49
07:00		.49
07:05	.01	.49
07:10		.49
07:15		.43
07:20		.38
07:25	.01	.38
07:30		.38
07:35		.38
07:40	.01	.43
07:45		.43
07:50	.01	.43
07:55	.01	.49
08:00		.49
08:05	.01	.55
08:10		.55
08:15		.55
08:20	.01	.49
08:25		.49
08:30		.49
08:35	.01	.49
08:40		.49
08:45	.01	.49
08:50		.55
08:55		.61
09:00	.01	.61
09:05		.61
09:10	.01	.61
09:15		.61
09:20		.61
09:25		.61
09:30	.01	.61
09:35		.49
09:40	.01	.49

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>December 3, 1985</u>		
09:45		0.49
09:50	0.01	.49
09:55		.49
10:00		.49
10:05	.01	.49
10:10		.49
10:15	.01	.49
10:20		.49
10:25	.01	.49
10:30		.49
10:35	.01	.49
10:40		.49
10:45		.49
10:50	.01	.49
10:55		.49
11:00		.55
11:05		.55
11:10	.01	.61
11:15		.61
11:20		.61
11:25		.61
11:30		.61
11:35		.68
11:40		.61
11:45		.61
11:50		.61
11:55		.55
12:00		.49
12:05		.49
12:10		.49
12:15		.43
12:20		.38
12:25		.33
12:30		.23
12:35		.19

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>December 3, 1985</u>		
12:40		0.15
12:45		.15
12:50		.11
12:55		.11
13:00		.11
13:05		.08
13:10	0.02	.08
13:15	.02	.08
13:20		.05
13:25		.05
13:30		.05
13:35		.05
13:40		.03
13:45	.01	.03
13:50		.03
13:55		.03
14:00		.05
14:05		.15
14:10		.38
14:15		.49
14:20		.55
14:25		.68
14:30		.82
14:35		.75
14:40		.68
14:45		.61
14:50		.55
14:55		.43
15:00		.38
15:05		.28

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>December 3, 1985</u>		
15:10		0.19
15:15		.15
15:20		.11
15:25		.11
15:30		.11

Total 0.49

Total storm runoff over watershed = 0.06
 inch.

<u>February 11, 1986</u>		
02:25	0.01	0.11
02:30	.01	.28
02:35	.00	.43
02:40	.00	.55
02:45	.01	.97
02:50	.01	.15
02:55	.01	.23
03:00	.02	.38
03:05	.02	.49
03:10	.01	.55
03:15	.02	.75
03:20	.01	.82
03:25	.01	.89
03:30	.01	.82
03:35	.01	.68
03:40	.01	.61
03:45	.00	.61
03:50	.01	.55
03:55	.01	.55
04:00	.00	.55
04:05	.01	.49
04:10	.00	.55
04:15	.01	.49
04:20	.01	.55
04:25	.00	.55

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>February 11, 1986</u>		
04:30	0.01	0.55
04:35	.01	.55
04:40	.00	.49
04:45	.01	.55
04:50	.01	.49
04:55	.01	.49
05:00	.01	.49
05:05	.01	.49
05:10	.00	.49
05:15	.00	.55
05:20	.00	.55
05:25	.01	.55
05:30	.00	.61
05:35	.00	.55
05:40	.00	.49
05:45	.00	.43
05:50	.00	.38
05:55	.00	.33
06:00	.00	.19
06:05	.00	.15
06:10	.00	.15
06:15	.00	.11
06:20	.00	.11
06:25	.00	.11
06:30	.00	.11
06:35	.00	.08
06:40	.00	.08
06:45	.00	.08
06:50	.00	.08
06:55	.00	.08
07:00	.00	.05
07:05	.00	.05
07:10	.00	.05
07:15	.00	.05
07:20	.00	.05

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>February 11, 1986</u>		
07:25	0.00	0.05
07:30	.00	.05
07:35	.00	.05
07:40	.00	.05
07:45	.00	.03
07:50	.00	.03
07:55	.00	.03
08:00	.00	.03
08:05	.00	.03
08:10	.00	.03
08:15	.00	.03
08:20	.00	.03
08:25	.00	.03
08:30	.00	.03
08:35	.00	.03
08:40	.00	.03
08:45	.00	.03
08:50	.00	.03
08:55	.00	.03
09:00	.00	.01
09:05	.00	.01
09:10	.00	.01
09:15	.00	.01
09:20	.00	.01
09:25	.00	.01
09:30	.00	.01
09:35	.00	.01
09:40	.00	.01
09:45	.00	.03
09:50	.01	.03
09:55	.00	.03
10:00	.01	.05
10:05	.01	.05
10:10	.00	.08
10:15	.01	.11

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>February 11, 1986</u>		
10:20	0.01	0.15
10:25	.00	.15
10:30	.02	.28
10:35	.01	.49
10:40	.01	.55
10:45	.00	.49
10:50	.01	.55
10:55	.01	.55
11:00	.01	.61
11:05	.01	.61
11:10	.01	.61
11:15	.01	.61
11:20	.01	.61
11:25	.01	.61
11:30	.00	.61
11:35	.01	.55
11:40	.00	.61
11:45	.00	.55
11:50	.00	.55
11:55	.01	.49
12:00	.00	.55
12:05	.00	.61
12:10	.01	.61
12:15	.00	.61
12:20	.01	.55
12:25	.00	.55
12:30	.00	.55
12:35	.01	.61
12:40	.00	.55
12:45	.00	.55
12:50	.00	.49
12:55	.00	.43
13:00	.00	.38
13:05	.00	.33
13:10	.00	.28

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

<u>Time</u>	<u>Gage 15 rainfall (inches)</u>	<u>Runoff (cubic feet per second)</u>
<u>February 11, 1986</u>		
13:15	0.00	0.23
13:20	.00	.19
13:25	.01	.15
13:30	.00	.15
13:35	.00	.15
13:40	.00	.15
13:45	.00	.15
13:50	.01	.15
13:55	.00	.19
14:00	.01	.28
14:05	.00	.38
14:10	.02	.38
14:15	.00	.38
14:20	.01	.43
14:25	.00	.55
14:30	.00	.61
14:35	.00	.61
14:40	.00	.55
14:45	.00	.49
14:50	.00	.49
14:55	.00	.49
15:00	.01	.43
15:05	.01	.43
15:10	.01	.38
15:15	.00	.33
15:20	.00	.38
15:25	.00	.33
15:30	.00	.43
15:35	.00	.38
15:40	.00	.33
15:45	.00	.23
15:50	.00	.23
15:55	.00	.15
16:00	.00	.15
16:05	.00	.15

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>February 11, 1986</u>		
16:10	0.00	0.15
16:15	.00	.11
16:20	.00	.11
16:25	.00	.11
16:30	.00	.11
16:35	.00	.08
16:40	.00	.08
16:45	.00	.08
16:50	.00	.08
16:55	.00	.08
17:00	.00	.05
17:05	.00	.05
17:10	.00	.05
17:15	.00	.05
17:20	.00	.05
17:25	.00	.05
17:30	.00	.05
17:35	.00	.05
17:40	.00	.05
17:45	.00	.03
17:50	.00	.03
17:55	.00	.03
18:00	.00	.03
18:05	.00	.03

Total	0.61	

Total storm runoff over watershed = 0.05
inch.

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>May 17, 1986</u>		
04:25		0.03
04:30	0.01	.19
04:35	.03	1.10
04:40	.04	4.20
04:45	.03	7.20
04:50	.05	9.70
04:55	.04	9.30
05:00	.01	8.30
05:05	.03	6.40
05:10	.02	4.70
05:15	.01	3.20
05:20	.02	2.90
05:25	.03	1.90
05:30	.03	1.60
05:35	.02	1.50
05:40	.03	1.90
05:45	.03	2.70
05:50	.02	3.10
05:55	.03	3.60
06:00	.03	4.00
06:05	.02	4.60
06:10	.04	5.10
06:15	.01	4.90
06:20	.02	5.00
06:25	.02	4.90
06:30	.03	4.70
06:35	.03	5.10
06:40	.01	5.00
06:45	.01	5.10
06:50	.03	4.50
06:55	.02	3.60
07:00	.01	3.00
07:05		2.30
07:10	.01	2.00
07:15	.01	1.30

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>May 17, 1986</u>		
07:20	0.01	1.30
07:25		1.10
07:30	.01	1.10
07:35		.89
07:40		.75
07:45		.75
07:50		.61
07:55	.01	.61
08:00		.49
08:05		.49
08:10		.43
08:15		.43
08:20		.38
08:25		.38
08:30		.28
08:35		.23
08:40		.23
08:45		.19
08:50		.19
08:55		.15
09:00		.15
09:05		.11

Total 0.81

Total storm runoff over watershed = 0.14
inch.

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>June 30, 1986</u>		
18:00		1.60
18:05		6.40
18:10	0.01	11.00
18:15	.03	14.00
18:20	.06	12.00
18:25	.15	8.10
18:30	.09	4.60
18:35	.04	2.10
18:40		1.30
18:45	.01	.75
18:50		.55
18:55		.61
19:00		.61
19:05		.49
19:10		.38
19:15		.23
19:20		.19
19:25		.19
19:30		.19
19:35	.01	.19
19:40		.28
19:45		.49
19:50	.01	.43
19:55	.01	.49
20:00	.01	.55
20:05	.01	.68
20:10		.68
20:15	.01	.61
20:20		.55
20:25	.01	.55
20:30		.49
20:35		.49
20:40		.43
20:45	.01	.43
20:50		.43

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>June 30, 1986</u>		
20:55	0.01	0.49
21:00		.49
21:05		.49
21:10		.49
21:15	.01	.43
21:20		.43
21:25		.38
21:30		.33
21:35		.23
21:40		.19
21:45	.01	.19
21:50		.19
21:55		.15
22:00		.15

Total 0.50

Total storm runoff over watershed = 0.07
inch.

<u>October 5-6, 1986</u>		
18:05	0.01	0.55
18:10		.55
18:15		.49
18:20		.55
18:25		.49
18:30		.49
18:35		.55
18:40		.55
18:45		.49
18:50		.43
18:55		.38
19:00		.23
19:05		.15
19:10		.15
19:15		.15

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>October 5-6, 1986</u>		
19:20	0.01	0.11
19:25		.11
19:30	.01	.11
19:35	.02	.11
19:40	.01	.15
19:45		.15
19:50	.02	.19
19:55	.03	.49
20:00	.01	.49
20:05	.02	.49
20:10		.68
20:15	.01	.97
20:20	.01	1.10
20:25	.02	.97
20:30	.04	1.10
20:35	.03	1.30
20:40	.03	1.90
20:45	.06	3.70
20:50	.05	7.00
20:55	.07	10.00
21:00	.03	12.00
21:05	.01	12.00
21:10	.02	10.00
21:15	.03	7.80
21:20	.01	5.30
21:25		3.60
21:30	.01	2.40
21:35		1.60
21:40	.01	1.10
21:45		.82
21:50		.61
21:55		.55
22:00	.01	.61
22:05	.01	.55
22:10		.55

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>October 5-6, 1986</u>		
22:15		0.55
22:20	0.01	.55
22:25		.55
22:30		.55
22:35		.55
22:40		.49
22:45		.43
22:50	.01	.43
22:55		.43
23:00	.01	.38
23:05	.01	.38
23:10	.01	.38
23:15		.43
23:20	.01	.49
23:25		.49
23:30		.55
23:35		.55
23:40		.55
23:45		.55
23:50		.49
23:55		.43
24:00		.38
00:05		.28
00:10		.19
00:15	.01	.15

Total	0.67	

Total storm runoff over watershed = 0.10
inch.

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
19:20		0.08
19:25		.68
19:30	0.03	1.60
19:35	.06	4.90
19:40	.09	8.80
19:45	.05	9.00
19:50	.03	7.00
19:55	.02	4.70
20:00	.01	3.20
20:05	.01	1.10
20:10	.01	.75
20:15	.01	.68
20:20	.01	.61
20:25	.01	.55
20:30		.55
20:35	.01	.55
20:40	.01	.61
20:45	.01	.68
20:50	.02	.61
20:55	.01	.82
21:00	.01	.89
21:05	.01	1.10
21:10	.02	2.50
21:15	.02	3.70
21:20	.04	4.60
21:25	.02	4.50
21:30	.02	4.20
21:35	.02	3.90
21:40	.02	3.10
21:45	.02	2.20
21:50	.01	1.60
21:55	.01	.97
22:00	.01	.75
22:05		.68
22:10		.55

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9, 1988</u>		
22:15		0.49
22:20	0.01	.43
22:25		.38
22:30	.01	.28
22:35		.28
22:40		.28
22:45		.23
22:50		.23
22:55		.19
23:00		.11
23:05		.08

Total 0.65

Total storm runoff over watershed = 0.08
inch.

<u>August 9, 1988</u>		
18:35	0.01	
18:40	.02	0.19
18:45	.03	.28
18:50	.01	.33
18:55	.03	.49
19:00	.02	1.40
19:05	.02	2.40
19:10	.02	2.10
19:15	.01	2.00
19:20	.02	1.30
19:25	.01	.97
19:30	.01	.75
19:35		.61
19:40		.55
19:45		.49

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>August 9, 1988</u>		
19:50	0.01	0.43
19:55		.38
20:00		.33
20:05	.01	.33
20:10		.28
20:15		.23
20:20		.19
20:25		.11
20:30		.08
20:35		.08
20:40		.05
20:45		.05
20:50		.05
20:55		.03
21:00		.03
21:05		.03
21:10		.01
21:15		.01
21:20		.01

Total 0.23

Total storm runoff over watershed = 0.01
inch.

<u>August 18, 1988</u>		
14:15		0.03
14:20	0.01	.03
14:25		.03
14:30		.03
14:35		.05
14:40		.01
14:45		.01
14:50		.01
14:55		.01
15:45	.02	.19

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>August 18, 1988</u>		
15:50	0.08	4.70
15:55	.15	14.00
16:00	.18	23.00
16:05	.11	28.00
16:10	.06	27.00
16:15	.03	22.00
16:20	.01	17.00
16:25	.01	13.00
16:30		8.10
16:35		4.90
16:40		2.30
16:45		.97
16:50		.61
16:55		.49
17:00		.49
17:05		.28
17:10		.23
17:15		.19
17:20		.15
17:25		.11
17:30		.08
17:35		.05
17:40		.05
17:45		.03
17:50		.03
17:55		.03
18:00		.03
18:05		.01

Total 0.66

Total storm runoff over watershed = 0.16
inch.

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

<u>Time</u>	<u>Gage 15 rainfall (inches)</u>	<u>Runoff (cubic feet per second)</u>
<u>September 21, 1988</u>		
03:20	0.01	
03:25	.01	
03:30	.01	0.01
03:35		.05
03:40	.01	.05
03:45	.01	.08
03:50	.01	.19
03:55	.01	.28
04:00	.01	.43
04:05	.01	.61
04:10	.01	.68
04:15		.68
04:20	.01	.68
04:25		.55
04:30		.43
04:35	.01	.38
04:40	.01	.38
04:45	.01	.33
04:50	.01	.33
04:55	.01	.33
05:00	.01	.33
05:05	.01	.38
05:10		.43
05:15	.01	.55
05:20		.49
05:25		.43
05:30		.38
05:35		.38
05:40		.33
05:45		.33
05:50	.01	.28
05:55		.23
06:00		.19
06:05		.19
06:10		.15

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>		
06:15		0.11
06:20		.11
06:25		.08
06:30		.05
06:35		.05
06:40		.05
06:45		.05
06:50		.03
06:55		.03
07:00		.03
07:05		.03
07:10		.01
07:15		.01
07:20		.01
07:25	0.01	.01
07:30		.01
07:35		.01
07:40		.01
08:55	.01	
09:05	.01	
09:15		.01
09:20		.01
09:25		.01
09:30		.01
09:35		.01
09:40	.01	.01
09:45	.01	.03
09:50		.08
09:55		.11
10:00	.01	.19
10:05		.15
10:10		.15
10:15		.15
10:20	.01	.15
10:25		.15

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>		
10:30		0.15
10:35		.15
10:40		.15
10:45		.15
10:50		.15
10:55		.15
11:00		.11
11:05		.08
11:10		.08
11:15		.05
11:20		.05
11:25		.05
11:30		.03
11:35		.03
11:40		.03
11:45	0.01	.01
11:50		.01
11:55		.01
12:00		.01
12:05		.01
12:10		.01
12:40	.01	
12:50	.01	
12:55		.01
13:00		.01
13:05		.03
13:10		.03
13:15		.03
13:20		.03
13:25	.01	.03
13:30		.08
13:35		.08
13:40	.01	.11
13:45		.11
13:50	.01	.15

**Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Continued**

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>		
13:55	0.02	0.19
14:00	.01	.23
14:05	.01	.33
14:10		.38
14:15	.01	.61
14:20	.01	.89
14:25	.01	1.10
14:30	.01	1.10
14:35	.01	1.10
14:40	.01	1.10
14:45		1.20
14:50	.01	1.10
14:55		1.10
15:00		.97
15:05	.01	.82
15:10	.01	.82
15:15		.75
15:20	.01	.75
15:25	.01	.68
15:30	.01	.75
15:35	.01	.89
15:40	.02	1.10
15:45	.01	1.20
15:50	.02	1.30
15:55	.01	1.40
16:00		1.70
16:05		1.50
16:10	.01	1.30
16:15		1.10
16:20		.75
16:25		.55
16:30		.43
16:35		.38
16:40		.33
16:45		.28

Table 32.--Rainfall and runoff data for selected storms
at Taylor Ranch Drain--Concluded

Time	Gage 15 rainfall (inches)	Runoff (cubic feet per second)
<u>September 21, 1988</u>		
16:50		0.23
16:55		.23
17:00		.19
17:05		.19
17:10		.15
17:15		.11
17:20		.08
17:25		.08
17:30		.05
17:35		.05
17:40		.03
17:45		.03
17:50		.03
17:55		.03
18:00		.01
18:05		.01
18:10		.01
18:15		.01
18:20		.01
18:25		.01
18:30		.01

Total	0.57	
Total storm runoff over watershed = 0.04 inch.		

Table 33.—Mean daily discharge, in cubic feet per second, at (08329936) Taylor Ranch Drain for calendar years 1984-88

[--, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	0.15	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	--	--	.00	.00	.53	.00	.06	.00	.00
3	--	--	--	--	--	.00	.01	.02	.00	.26	.00	.00
4	--	--	--	--	--	.00	.00	.21	.00	.04	.00	.02
5	--	--	--	--	--	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	--	--	.00	.00	.05	.00	.00	.00	--
7	--	--	--	--	--	.00	.00	.09	.00	.00	.00	--
8	--	--	--	--	--	.00	.00	.02	.00	.00	.00	--
9	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
10	--	--	--	--	--	.00	.29	.00	.00	.00	.00	--
11	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
12	--	--	--	--	--	.00	.02	.00	.00	.01	.00	--
13	--	--	--	--	--	.00	.00	.01	.00	.02	.00	--
14	--	--	--	--	--	.00	.00	.00	.15	.00	.00	--
15	--	--	--	--	--	.00	.00	.00	.00	.59	.00	--
16	--	--	--	--	0.00	.00	.53	.00	.00	.00	.00	--
17	--	--	--	--	.00	.00	.00	.00	.00	.00	.07	--
18	--	--	--	0.00	.00	.00	.00	.00	.00	.00	.04	--
19	--	--	--	.00	.00	.17	.00	.05	.00	.01	.00	--
20	--	--	--	.01	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	--	.00	.00	.00	.00	.00	.00	.01	.00	--
22	--	--	--	--	.00	.00	.20	.02	.00	.00	.00	--
23	--	--	--	--	.26	.00	.00	.04	.00	.00	.00	--
24	--	--	--	--	.00	.00	.00	.00	.00	.02	.05	--
25	--	--	--	--	.00	.00	.00	.00	.05	.00	.00	--
26	--	--	--	--	.00	.00	.00	.00	.27	.00	.00	--
27	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	--	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	--	--	0.32	1.05	1.04	0.47	1.02	0.16	--
Mean	--	--	--	--	--	.011	.034	.034	.016	.033	.005	--
Maximum	--	--	--	--	--	.17	.53	.53	.27	.59	.07	--
Minimum	--	--	--	--	--	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	--	--	.6	2.1	2.1	.9	2.0	.3	--

Table 33.—Mean daily discharge, in cubic feet per second, at (08329936) Taylor
Ranch Drain for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.01	0.00	0.00	--	--	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.09	--	--	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	--	--	.00	.00	.00
4	--	--	--	.00	.02	.00	.00	--	--	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	--	--	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	--	--	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	--	--	.01	.00	--
8	--	--	.00	.00	.00	.01	.00	--	--	.04	.00	--
9	--	--	.00	.00	.00	.00	.00	--	--	.12	.00	--
10	--	--	.00	.00	.00	.00	--	--	--	.66	.00	--
11	--	--	.00	.00	.00	.00	--	--	--	.04	.00	--
12	--	--	.24	.00	.02	.00	--	--	--	.00	.00	--
13	--	--	.00	.00	.00	.00	--	--	--	.00	.00	--
14	--	--	.00	.00	.00	.00	--	--	--	.00	.00	--
15	--	--	.00	.00	.00	.00	--	--	--	.00	.00	--
16	--	--	.00	.00	.00	.00	--	--	--	.12	.00	--
17	--	--	.00	.00	.00	.00	--	--	--	.07	.00	--
18	--	--	.00	.00	.00	.04	--	--	--	.00	.00	--
19	--	--	.07	.00	.00	.00	--	--	--	.00	.00	--
20	--	--	.00	.00	.00	.00	--	--	--	.00	.00	--
21	--	--	.00	.00	.04	.00	--	--	--	.00	.00	--
22	--	--	.00	.14	.00	.00	--	--	--	.00	.00	--
23	--	--	.00	.00	.01	.00	--	--	--	.00	.00	--
24	--	--	.00	.00	.00	.17	--	--	--	.00	.00	--
25	--	--	.00	.00	.00	.00	--	--	0.00	.00	.00	--
26	--	--	.00	.01	.00	.00	--	--	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	--	--	.00	.00	.00	--
28	--	--	.00	.59	.00	.00	--	--	.08	.00	.00	--
29	--	--	.03	.00	.01	.00	--	--	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	--	--	.00	.00	.01	--
31	--	--	.00	--	.00	--	--	--	--	.01	--	--
Total	--	--	--	0.74	0.11	0.22	--	--	--	1.07	0.01	--
Mean	--	--	--	.025	.004	.007	--	--	--	.035	.000	--
Maximum	--	--	--	.59	.04	.17	--	--	--	.66	.01	--
Minimum	--	--	--	.00	.00	.00	--	--	--	.00	.00	--
Acre-feet	--	--	--	1.5	.2	.4	--	--	--	2.1	.02	--

Table 33.—Mean daily discharge, in cubic feet per second, at (08329936) Taylor Ranch Drain for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.04	0.00	0.00	0.02	0.00	0.00	0.00	0.00	--
2	--	--	--	.02	.00	.00	.00	.00	.01	.00	.20	--
3	--	--	--	.00	.05	.03	.00	.00	.00	.00	.08	--
4	--	--	--	.00	.01	.01	.19	.01	.01	.00	.14	--
5	--	--	--	.00	.00	.00	.00	.01	.00	.37	.00	--
6	--	--	--	.00	.00	.00	.00	.01	--	.03	.00	--
7	--	--	0.00	.00	.01	.00	.10	.00	--	.00	.04	--
8	--	--	.00	.00	.00	.00	.08	.05	--	.00	.00	--
9	--	--	.00	.00	.00	.00	.16	.03	--	.09	.00	--
10	--	--	.00	.00	.00	.00	.00	.01	--	.12	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	--	.13	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	--	.06	.00	--
13	--	--	.01	.00	.00	.00	.00	.02	--	.00	.00	--
14	--	--	.00	.00	.00	.00	.01	.02	--	.00	.00	--
15	--	--	.00	.00	.00	.01	.02	.00	--	.00	.00	--
16	--	--	.00	.00	.14	.02	.09	.00	--	.00	.00	--
17	--	--	.00	.00	.53	.01	.00	.01	--	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	--	.00	.00	--
19	--	--	.00	.00	.00	.00	.10	.01	--	.00	--	--
20	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.01	.01	.00	.00	.00	.03	.00	.00	--	--
24	--	--	.01	.00	.00	.11	.01	.00	.07	.00	--	--
25	--	--	.00	.00	.00	.08	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.01	.00	.00	--	--
27	--	--	.00	.00	.02	.08	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.04	.01	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.04	.28	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.07	0.84	0.64	0.79	0.22	--	0.80	--	--
Mean	--	--	--	.002	.027	.021	.025	.007	--	.026	--	--
Maximum	--	--	--	.04	.53	.28	.19	.05	--	.37	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	--	.00	--	--
Acre-feet	--	--	--	.1	1.7	1.3	1.6	.4	--	1.6	--	--

Table 33.—Mean daily discharge, in cubic feet per second, at (08329935) Taylor
Ranch Drain for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	.00	.10	.00	.00	.00	.04	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.00	--
12	--	--	.00	.08	.00	.00	.00	.03	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.04	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.20	.00	.03	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.06	.00	.00	.00	.00	--
21	--	--	.00	.00	.01	.00	.03	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	--	.06	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	--	.03	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.46	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.05	.01	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.10	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.11	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.02	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.02	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.18	0.21	0.00	--	0.36	0.01	0.08	0.05	--
Mean	--	--	--	.006	.007	.00	--	.012	.000	.003	.002	--
Maximum	--	--	--	.10	.20	.00	--	.11	.01	.04	.05	--
Minimum	--	--	--	.00	.00	.00	--	.00	.00	.00	.00	--
Acre-feet	--	--	--	.4	.4	.0	--	.7	.02	.2	.1	--

Table 33.—Mean daily discharge, in cubic feet per second, at (08329936) Taylor Ranch Drain for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.10	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
2	--	--	--	.02	.00	.00	.02	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.03	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.02	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.09	.00	--
7	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.03	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.30	.09	.00	.00	.00	--
10	--	--	.00	.00	.00	.04	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.13	.00	.00	.06	.00	.00	--
12	--	--	.00	.00	.00	.00	.01	.00	.04	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.07	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.80	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.00	--
18	--	--	.00	.00	.01	.00	.00	.58	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.06	.00	.00	.07	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.16	.00	.00	--
22	--	--	.00	.00	.05	.00	.00	.18	.25	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
26	--	--	.00	.00	.00	.02	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.23	.00	.11	.00	.00	.00	--
28	--	--	.00	.00	.00	.13	.00	.08	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.07	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.92	0.12	0.62	0.41	1.15	0.60	0.09	0.00	--
Mean	--	--	--	.031	.004	.021	.013	.037	.020	.003	.00	--
Maximum	--	--	--	.80	.06	.23	.30	.58	.25	.09	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	1.8	.2	1.2	.8	2.3	1.2	.2	.0	--

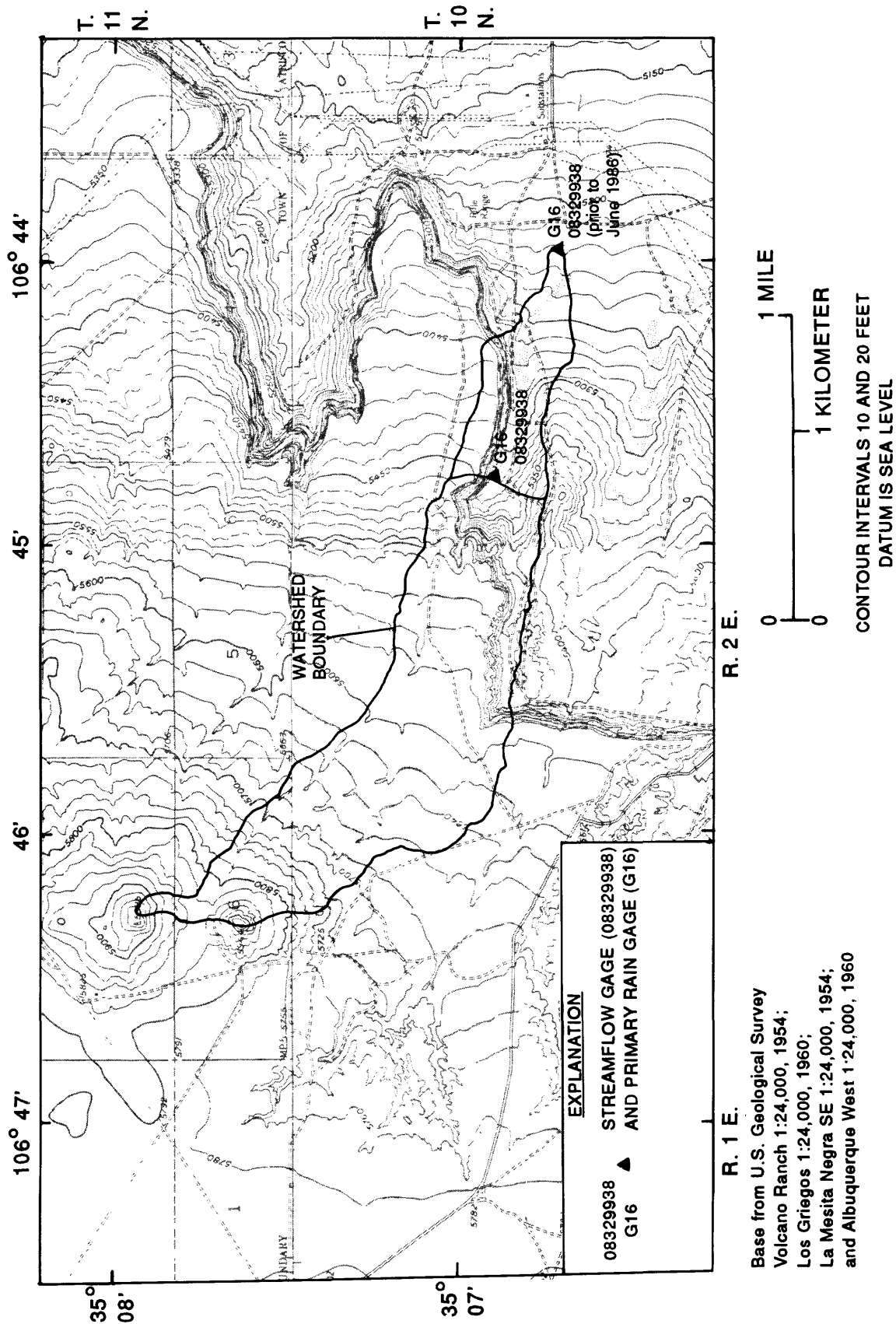


Figure 9.--Watersheds for Ladera Arroyo (08329938) (modified from Fischer and others, 1984, fig. 9).

STATION DESCRIPTION
08329938 LADERA ARROYO AT ALBUQUERQUE

LOCATION.--Lat 35°06'43", long 106°43'59", in Town of Atrisco Land Grant, Bernalillo County, Hydrologic Unit 13020203, on left bank of natural channel, 1/4 mi northwest of Albuquerque water storage tank, on dirt road extension of Ouray Road, and 2.3 mi west of North Coors Road.

DRAINAGE AREA.--0.780 mi² (499 acres) (revised). Prior to June 1986 0.920 mi² (589 acres) (revised).

PERIOD OF RECORD.--May 1981 to current year (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,220 ft, from 7.5-minute topographic orthophoto map.

RAIN GAGES.--The primary recording rain gage (G16) is a digital paper-tape recorder at the station. Figures 1 and 9 show location. Table 2 lists period of record.

REMARKS.--Records fair. Channel control shifts during runoff events. Watershed is undeveloped semidesert terrain, part of which is above the escarpment west of Albuquerque.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 126 ft³/s Oct. 2, 1981, gage height 2.73 ft; no flow most of the time.

EXTREMES FOR 1984-88.--Maximum discharge, 47 ft³/s, Aug. 25, 1987; no flow most of the time.

Calendar year 1984: No flow recorded.

Calendar year 1985: No flow recorded.

Calendar year 1986: Maximum discharge, 24 ft³/s July 4, gage height 2.35 ft; no flow most of the time.

Calendar year 1987: Maximum discharge, 47 ft³/s Aug. 25, gage height 2.75 ft; no flow most of the time.

Calendar year 1988: Maximum discharge, 29 ft³/s July 9, gage height 2.46 ft; no flow most of the time.

Table 34.—Daily rainfall, in inches, at Ladera Arroyo primary gage G16 for calendar years 1984–88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.05	0.00	0.00	0.03	0.01	0.00	0.00
2	—	—	—	.00	.00	.10	.00	.12	.00	.17	.00	.00
3	—	—	—	.00	.00	.00	.00	.09	.00	.49	.00	.00
4	—	—	—	.00	.00	.00	.00	.06	.00	.05	.00	.04
5	—	—	—	.00	.00	.07	.00	.02	.00	.00	.00	.00
6	—	—	0.00	.00	.00	.00	.01	.05	.00	.00	.00	—
7	—	—	.00	.00	.00	.00	.00	.36	.00	.00	.00	—
8	—	—	.00	.00	.00	.00	.00	.03	.00	.00	.00	—
9	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
10	—	—	.00	.00	.00	.00	.17	.00	.02	.00	.00	—
11	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
12	—	—	.00	.00	.00	.00	.00	.05	.00	.11	.00	—
13	—	—	.00	.00	.00	.00	.04	.02	.00	.09	.00	—
14	—	—	.00	.00	.00	.00	.01	.00	.11	.00	.00	—
15	—	—	.00	.00	.01	.00	.00	.00	.04	1.01	.00	—
16	—	—	.00	.00	.01	.00	.31	.00	.00	.00	.00	—
17	—	—	.00	.00	.00	.00	.01	.00	.00	.01	.37	—
18	—	—	.00	.00	.00	.00	.00	.00	.00	.02	.10	—
19	—	—	.00	.00	.00	.06	.00	.11	.00	.06	.00	—
20	—	—	.00	.03	.00	.01	.00	.02	.00	.14	.00	—
21	—	—	.00	.00	.00	.00	.00	.00	.00	.10	.00	—
22	—	—	.04	.00	.00	.00	.00	.13	.00	.02	.00	—
23	—	—	.00	.00	.23	.00	.00	.47	.00	.00	.07	—
24	—	—	.00	.00	.00	.00	.00	.01	.00	.15	.16	—
25	—	—	.00	.03	.00	.14	.00	.00	.21	.01	.03	—
26	—	—	.25	.04	.00	.01	.00	.00	.70	.00	.00	—
27	—	—	.10	.00	.00	.00	.00	.00	.00	.00	.00	—
28	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
29	—	—	.00	.12	.00	.00	.00	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.03	.00	—	.00	—	—
Total	—	—	—	0.22	0.25	0.44	0.58	1.54	1.11	2.44	0.73	—

Table 34.—Daily rainfall, in inches, at Ladera Arroyo primary gage G16 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.06	0.00	0.00	0.05	0.00	0.00	0.02	0.00
2	--	--	--	.00	.01	.00	.10	.24	.31	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.07	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	--
5	--	--	--	.00	.00	.01	.00	.00	.00	.00	.00	--
6	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.09	.00	.06	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.07	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.35	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.99	.00	--
11	--	--	.00	.00	.00	.00	.00	.01	.00	.02	.00	--
12	--	--	.52	.00	.08	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.02	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.02	.00	.00	.00	.15	.00	.50	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.34	.40	.00	--
17	--	--	.00	.00	.02	.00	.00	.00	.24	.22	.00	--
18	--	--	.00	.03	.13	.06	.00	.00	.31	.00	.00	--
19	--	--	.16	.00	.00	.01	.00	.00	.24	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.13	.68	.00	.00	--
21	--	--	.00	.02	.20	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.23	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.07	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.11	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.01	--
26	--	--	.00	.05	.00	.00	.00	.00	.00	.00	.02	--
27	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	1.22	.00	.00	.11	.00	.15	.00	.00	--
29	--	--	.08	.00	.00	.00	.26	.00	.01	.00	.00	--
30	--	--	.00	.03	.00	.00	.00	.00	.00	.00	.07	--
31	--	--	.01	--	.02	--	.00	.00	--	.02	--	--
Total	--	--	--	1.59	0.52	0.19	0.69	0.54	2.85	2.15	0.12	--

Table 34.—Daily rainfall, in inches, at Ladera Arroyo primary gage G16 for calendar years 1984-88—Continued

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.16	0.00	0.00	--	0.00	0.00	0.00	0.05	--
2	--	--	--	.07	.02	.00	--	.00	.00	.00	.51	--
3	--	--	--	.00	.16	.04	0.00	.00	.00	.00	.28	--
4	--	--	--	.01	.00	.00	.77	.08	.02	.00	.36	--
5	--	--	--	.00	.00	.00	.02	.00	.00	.50	.00	--
6	--	--	0.00	.00	.00	.00	.00	.09	.00	.16	.08	--
7	--	--	.00	.00	.00	.00	.22	.06	.00	.00	.17	--
8	--	--	.00	.00	.00	.00	.04	.21	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.36	.01	.08	.27	.00	--
10	--	--	.05	.00	.00	.00	.00	.00	.00	.51	.00	--
11	--	--	.04	.00	.00	.00	.00	.00	.00	.37	.00	--
12	--	--	.00	.00	.00	.00	.00	.06	.00	.13	.00	--
13	--	--	.00	.00	.00	.00	.06	.11	.10	.00	.00	--
14	--	--	.03	.00	.00	.00	.00	.00	.00	.00	.08	--
15	--	--	.01	.00	.00	.00	.01	.00	.02	.00	.00	--
16	--	--	.00	.05	.32	.00	.63	.00	.03	.00	.00	--
17	--	--	.00	.00	.73	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.22	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.02	.05	.00	.00	--	--
24	--	--	.00	.01	.00	.39	.00	.00	.24	.00	--	--
25	--	--	.00	.00	.00	.14	.00	.11	.00	.00	--	--
26	--	--	.00	.00	.00	--	.02	.01	.00	.00	--	--
27	--	--	.00	.00	.00	--	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	--	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.18	--	.00	.00	.00	.00	--	--
30	--	--	.05	.00	.10	--	.00	.00	.00	.00	--	--
31	--	--	.01	--	.01	--	.15	.00	--	.00	--	--
Total	--	--	--	0.30	1.52	--	--	0.79	0.49	1.94	--	--

Table 34.—Daily rainfall, in inches, at Ladera Arroyo primary gage G16 for calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.00	.00	.01	.00
4	--	--	--	.30	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	--	.06	.00	.00	.00	.00	.05	.00	.06	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	--	--	--	.00	.00	.00	.00	.04	.00	.00	.00	.00
8	--	--	--	.00	.00	--	.00	.01	.00	.00	.01	.00
9	--	--	--	.00	.00	--	.00	.00	.01	.00	.00	--
10	--	--	--	.00	.00	.00	.00	.03	.00	.00	.00	--
11	--	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--
12	--	--	--	.18	.00	.00	.00	.00	.00	.00	.01	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.06	.01	--
14	--	--	--	.00	.06	.00	.00	.00	.00	.32	.01	--
15	--	--	--	.00	.17	.00	.00	.00	.00	.00	.04	--
16	--	--	--	.00	.45	.00	.10	.00	.00	.01	.01	--
17	--	--	--	.00	.00	.00	.01	.00	.00	.00	.00	--
18	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.02	.00	.01	.05	.00	.00	.01	--
22	--	--	.02	.00	.12	.00	.00	.10	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.05	.00	.00	.00	--
24	--	--	.00	.00	.09	.00	.22	.04	.00	.01	.00	--
25	--	--	.00	.00	.00	.00	.02	.91	.07	.01	.00	--
26	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.28	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	1.57	.01	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.02	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.19	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.06	--	--
Total	--	--	--	0.54	0.91	--	1.95	1.56	0.13	0.66	0.60	--

Table 34.—Daily rainfall, in inches, at Ladera Arroyo primary gage G16 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.42	0.00	0.00	--	0.00	--	--	0.00	0.00
2	--	--	--	.03	.00	.00	--	.00	--	--	.00	.00
3	--	--	--	.00	.00	.00	--	.01	--	--	.00	--
4	--	--	--	.00	.00	.02	--	.02	--	--	.00	--
5	--	--	--	.00	.00	.04	--	.21	--	--	.00	--
6	--	--	--	.00	.00	.00	--	.11	--	--	.01	--
7	--	--	0.00	.00	.00	.00	0.00	.00	--	--	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
9	--	--	.00	.00	.00	.01	1.53	--	--	--	.00	--
10	--	--	.00	.00	.00	.00	.00	--	--	--	.00	--
11	--	--	.02	.00	.00	.00	.01	--	--	--	.01	--
12	--	--	.02	.00	.00	.00	.01	--	--	--	.00	--
13	--	--	.00	.00	.00	.00	.01	--	--	0.00	.00	--
14	--	--	.02	.05	.00	.00	.01	--	--	.00	.00	--
15	--	--	.01	.00	.00	.00	.01	--	--	.00	.00	--
16	--	--	.00	.25	.00	.00	.01	--	--	.00	.04	--
17	--	--	.00	.00	.12	.00	.04	--	--	.00	.02	--
18	--	--	.02	.00	.09	.00	.01	--	--	.00	.00	--
19	--	--	.00	.00	.07	.00	.01	--	--	.00	.07	--
20	--	--	.00	.00	.25	.00	.00	--	--	.00	.00	--
21	--	--	.00	.00	.01	.01	.00	--	--	.00	.00	--
22	--	--	.00	.00	.00	.02	.00	--	--	.00	.00	--
23	--	--	.00	.00	.00	.00	.02	--	--	.00	.00	--
24	--	--	.00	.00	.01	.00	.01	--	--	.01	.00	--
25	--	--	.00	.00	.03	.00	.01	--	--	.01	.00	--
26	--	--	.00	.00	.01	.00	.01	--	--	.00	.02	--
27	--	--	.00	.00	.01	.16	.37	--	--	.00	.00	--
28	--	--	.00	.00	.01	.25	.13	--	--	.00	.00	--
29	--	--	.00	.00	.00	.00	.09	--	--	.00	.00	--
30	--	--	.00	.00	.00	.00	.02	--	--	.00	.00	--
31	--	--	.21	--	.00	--	.00	--	--	.00	--	--
Total	--	--	--	0.75	0.61	0.51	--	--	--	--	0.17	--

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>July 4, 1986</u>		
17:30	0.08	
17:35	.29	3.60
17:40	.08	13.00
17:45	.03	24.00
17:50		23.00
17:55		18.00
18:00		16.00
18:05		13.00
18:10		10.00
18:15		7.70
18:20		5.40
18:25		3.60
18:30		2.70
18:35		2.30
18:40		2.30
18:45		2.30
18:50		2.30
18:55		2.70
19:00		3.10
19:05	.01	3.60
19:10		4.70
19:15		5.40
19:20		5.40
19:25		6.10
19:30		6.10
19:35		6.10
19:40		4.70
19:45		2.70
19:50	.01	

Total 0.50

Total storm runoff over watershed = 0.029
inch.

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo--Continued**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>July 16, 1986</u>		
10:50	0.02	
10:55	.01	
11:00	.01	
11:05	.01	
12:35	.01	
12:40	.04	
12:45	.01	
13:00	.01	
13:05	.05	
13:10	.06	
13:15	.09	
13:20	.07	
13:25	.05	
13:30	.04	
13:35	.02	
13:50	.01	
14:40		0.39
14:45		1.60
14:50		1.60
14:55		1.60
15:00		.78
15:05	.01	

Total	0.52	

Total storm runoff over watershed = 0.00
inch.

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo--Continued**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>July 4, 1987</u>		
18:40	0.40	
18:45	.43	
18:50	.15	27.00
18:55	.20	44.00
19:00	.16	31.00
19:05	.08	32.00
19:10	.02	32.00
19:15		35.00
19:20		34.00
19:25		31.00
19:30		27.00
19:35		27.00
19:40		27.00
19:45	.01	26.00
19:50		25.00
19:55		24.00
20:00		24.00
20:05		23.00
20:10		23.00
20:15		23.00
20:20		22.00
20:25		21.00
20:30		17.00
20:35		13.00
20:40		3.10

Total	1.45	
Total storm runoff over watershed = 0.088 inch.		

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo--Continued**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>August 25, 1987</u>		
15:45	0.34	30.00
15:50	.15	47.00
15:55	.05	30.00
16:00		19.00
16:05		15.00
16:10		13.00
16:15		10.00
16:20	.01	7.70
16:25	.03	6.10
16:30		4.70
16:35		3.10
16:40		2.30
16:45	.01	
16:50	.01	
17:05	.01	
17:10	.01	
17:25	.01	

Total 0.82

Total storm runoff over watershed = 0.08
inch.

<u>July 9-10, 1988</u>		
19:40	0.26	
19:45	.08	21.00
19:50	.05	21.00
19:55	.06	24.00
20:00	.06	24.00
20:05	.06	24.00
20:10	.05	23.00
20:15	.04	22.00
20:20	.02	22.00
20:25	.01	24.00

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo--Continued**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9-10, 1988</u>		
20:30	0.01	27.00
20:35	.02	26.00
20:40	.02	26.00
20:45	.01	26.00
20:50	.03	26.00
20:55	.02	25.00
21:00	.04	24.00
21:05	.06	23.00
21:10	.07	23.00
21:15	.06	29.00
21:20	.06	29.00
21:25	.04	28.00
21:30	.04	29.00
21:35	.03	27.00
21:40	.02	27.00
21:45	.02	27.00
21:50	.02	26.00
21:55	.01	25.00
22:00	.01	26.00
22:05	.02	26.00
22:10	.01	25.00
22:15	.01	24.00
22:20	.01	24.00
22:25		24.00
22:30	.01	24.00
22:35		25.00
22:40	.01	25.00
22:45		25.00
22:50		25.00
22:55		25.00
23:00	.01	24.00
23:05		21.00
23:10		18.00
23:15		17.00
23:20		15.00

**Table 35.--Rainfall and runoff data for selected storms
at Ladera Arroyo--Concluded**

Time	Gage 16 rainfall (inches)	Runoff (cubic feet per second)
<u>July 9-10, 1988</u>		
23:25		14.00
23:30		13.00
23:35		13.00
23:40		11.00
23:45		9.20
23:50		7.70
23:55		6.80
24:00		5.40
00:05		4.70
00:10		3.60
00:15		3.10
00:20		2.30
00:25		2.00
00:30		1.20
00:35		.39

Total	1.36	
Total storm runoff over watershed = 0.17 inch.		

Table 36.—Mean daily discharge, in cubic feet per second, at (08329938) Ladera Arroyo for
calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	--	--	--	--	--
2	--	--	--	.00	.00	.00	.00	--	--	--	--	--
3	--	--	--	.00	.00	.00	.00	--	--	--	--	--
4	--	--	--	.00	.00	.00	.00	--	--	--	--	--
5	--	--	--	.00	.00	.00	.00	--	--	--	--	--
6	--	--	--	.00	.00	.00	.00	--	--	--	--	--
7	--	--	--	.00	.00	.00	.00	--	--	--	--	--
8	--	--	--	.00	.00	.00	.00	--	--	--	--	--
9	--	--	--	.00	.00	.00	.00	--	--	--	--	--
10	--	--	--	.00	.00	.00	.00	--	--	--	--	--
11	--	--	--	.00	.00	.00	.00	--	--	--	--	--
12	--	--	--	.00	.00	.00	.00	--	--	--	--	--
13	--	--	--	.00	.00	.00	.00	--	--	--	--	--
14	--	--	--	.00	.00	.00	.00	--	--	--	--	--
15	--	--	--	.00	.00	.00	.00	--	--	--	--	--
16	--	--	--	.00	.00	.00	.00	--	--	--	--	--
17	--	--	--	.00	.00	.00	.00	--	--	--	--	--
18	--	--	--	.00	.00	.00	.00	--	--	--	--	--
19	--	--	--	.00	.00	.00	--	--	--	--	--	--
20	--	--	--	.00	.00	.00	--	--	--	--	--	--
21	--	--	--	.00	.00	.00	--	--	--	--	--	--
22	--	--	--	.00	.00	.00	--	--	--	--	--	--
23	--	--	0.00	.00	.00	.00	--	--	--	--	--	--
24	--	--	.00	.00	.00	.00	--	--	--	--	--	--
25	--	--	.00	.00	.00	.00	--	--	--	--	--	--
26	--	--	.00	.00	.00	.00	--	--	--	--	--	--
27	--	--	.00	.00	.00	.00	--	--	--	--	--	--
28	--	--	.00	.00	.00	.00	--	--	--	--	--	--
29	--	--	.00	.00	.00	.00	--	--	--	--	--	--
30	--	--	.00	.00	.00	.00	--	--	--	--	--	--
31	--	--	.00	--	.00	--	--	--	--	--	--	--
Total	--	--	--	0.00	0.00	0.00	--	--	--	--	--	--
Mean	--	--	--	.00	.00	.00	--	--	--	--	--	--
Maximum	--	--	--	.00	.00	.00	--	--	--	--	--	--
Minimum	--	--	--	.00	.00	.00	--	--	--	--	--	--
Acre-feet	--	--	--	.0	.0	.0	--	--	--	--	--	--

Table 36.—Mean daily discharge, in cubic feet per second, at (08329938) Ladera Arroyo for
calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	--	0.00	--	0.00	0.00
2	--	--	--	.00	.00	.00	.00	--	.00	--	.00	.00
3	--	--	--	.00	.00	.00	.00	--	.00	--	.00	--
4	--	--	--	.00	.00	.00	.00	--	.00	--	.00	--
5	--	--	--	.00	.00	.00	.00	0.00	--	--	.00	--
6	--	--	0.00	.00	.00	.00	.00	.00	--	--	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	--	--	.00	--
11	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
12	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
13	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
14	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
15	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
16	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
17	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
18	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
19	--	--	.00	.00	.00	.00	--	.00	--	--	.00	--
20	--	--	.00	.00	.00	.00	--	.00	--	0.00	.00	--
21	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
22	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
23	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
24	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
25	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
26	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
27	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
28	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
29	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
30	--	--	.00	.00	.00	.00	--	.00	--	.00	.00	--
31	--	--	.00	--	.00	--	--	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	--	--	--	--	0.00	--
Mean	--	--	--	.00	.00	.00	--	--	--	--	.00	--
Maximum	--	--	--	.00	.00	.00	--	--	--	--	.00	--
Minimum	--	--	--	.00	.00	.00	--	--	--	--	.00	--
Acre-feet	--	--	--	.0	.0	.0	--	--	--	--	.0	--

Table 35.—Mean daily discharge, in cubic feet per second, at (08329938) Ladera Arroyo for
calendar years 1984-88—Continued

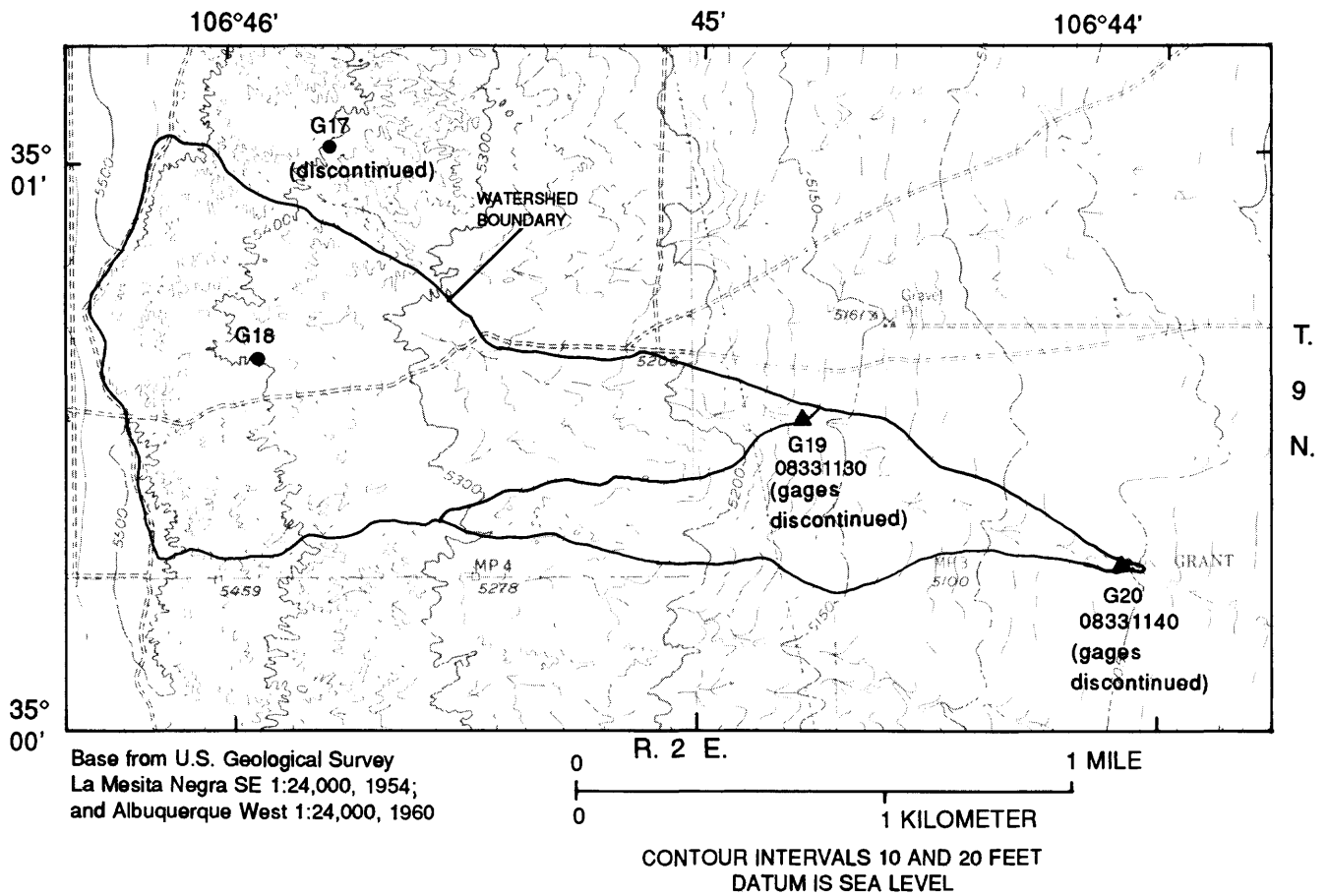
Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.69	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.02	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
21	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.71	0.00	0.00	0.00	--	--
Mean	--	--	--	.00	.00	.00	.023	.00	.00	.00	--	--
Maximum	--	--	--	.00	.00	.00	.69	.00	.00	.00	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	--	--
Acre-feet	--	--	--	.0	.0	.0	1.4	.0	.0	.0	--	--

Table 36.—Mean daily discharge, in cubic feet per second, at (08329938) Ladera Arroyo for
calendar years 1984-88—Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	2.2	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	1.8	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	2.7	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	3.7	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	3.70	4.50	0.00	2.20	0.00	--
Mean	--	--	--	.00	.00	.00	.12	.15	.00	.071	.00	--
Maximum	--	--	--	.00	.00	.00	3.7	2.7	.00	2.2	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.0	7.3	8.9	.0	4.4	.0	--

Table 36.—Mean daily discharge, in cubic feet per second, at (08329938) Ladera Arroyo for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	--	.00	.00	.00	4.0	2.2	.00	.00	.00	--
10	--	--	0.00	.00	.00	.00	.07	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.50	.00	.34	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	2.5	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.00	0.00	3.00	4.07	2.54	0.00	0.00	0.00	--
Mean	--	--	--	.00	.00	.10	.13	.082	.00	.00	.00	--
Maximum	--	--	--	.00	.00	2.5	4.0	2.2	.00	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	6.0	8.1	5.0	.0	.0	.0	--



EXPLANATION

- G19 ▲ STREAMFLOW GAGE (08331130)
AND PRIMARY RAIN GAGE (G19)
- G18 ● SECONDARY RAIN GAGE

Figure 10.--Watersheds for North Pajarito Arroyo (08331130) (modified from Fischer and others, 1984, fig. 10).

STATION DESCRIPTION
08331130 NORTH PAJARITO ARROYO AT ALBUQUERQUE

LOCATION.--Lat 35°00'34", long 106°44'50", Bernalillo County, Hydrologic Unit 13020203, in Town of Atrisco Land Grant, on left bank 650 ft east of high voltage power line, 0.4 mi north of grant boundary, and 1.7 mi west of intersection of Gun Club Road and Coors Boulevard.

DRAINAGE AREA.--0.582 mi² (372 acres) (revised).

PERIOD OF RECORD.--May 1979 to May 14, 1987 (no winter records).

STAGE GAGE.--Digital paper-tape recorder. Altitude of the gage is 5,148 ft, from topographic orthophoto map.

RAIN GAGES.--The primary recording rain gage (G19) was a digital paper-tape recorder at the station. A secondary recording rain gage (G18) is located within the watershed, and a secondary recording rain gage (G20) is located downstream from the streamflow gage. Figures 1 and 10 show locations. Table 2 lists periods of record.

REMARKS.--Records poor due to vandalism. Watershed is undeveloped, semidesert terrain. Gage destroyed by vandals May 14, 1987.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 ft³/s Oct. 2, 1981, gage height 2.04 ft; no flow most of the time.

EXTREMES FOR 1984-87.--Maximum discharge, 23.0 ft³/s Sept. 20, 1985; no flow most of the time.

Calendar year 1984: No flow recorded.

Calendar year 1985: Maximum discharge, 23.0 ft³/s Sept. 20, gage height 2.01 ft; no flow most of the time.

Calendar year 1986: No flow recorded.

Calendar year 1987: No flow recorded through May 14, 1987.

Table 37.—Daily rainfall, in inches, at North Pajarito Arroyo primary gage G19 for calendar years 1984-86

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	0.00	0.00	0.01	—	0.00	0.12	0.00	0.00	0.00
2	—	—	—	.00	.00	.01	—	.00	.00	.20	.00	.00
3	—	—	—	.00	.00	.00	—	.00	.00	.55	.00	.00
4	—	—	—	.00	.00	.00	—	.00	.00	.02	.00	.05
5	—	—	—	.00	.00	.00	—	.04	.00	.00	.00	.00
6	—	—	—	.00	.00	.01	—	.25	.00	.00	.00	—
7	—	—	—	.00	.00	.00	—	.27	.00	.00	.00	—
8	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
9	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
10	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
11	—	—	—	.00	.00	.00	—	.00	.00	.00	.00	—
12	—	—	—	.00	.00	.00	—	.00	.00	.06	.00	—
13	—	—	—	.00	.00	.00	—	.02	.00	.00	.00	—
14	—	—	—	.00	.00	.03	—	.00	.17	.00	.00	—
15	—	—	—	.00	.01	.01	—	.00	.04	.83	.00	—
16	—	—	—	.00	.05	.00	—	.00	.00	.00	.00	—
17	—	—	—	.00	.00	.00	—	.00	.00	.00	.18	—
18	—	—	—	.00	.00	.00	—	.00	.00	.02	.14	—
19	—	—	—	.00	.00	.10	—	.05	.00	.05	.00	—
20	—	—	—	.02	.00	.02	—	.01	.00	.08	.00	—
21	—	—	—	.00	.00	.00	0.01	.00	.01	.11	.00	—
22	—	—	0.00	.00	.00	.00	.00	.09	.01	.07	.00	—
23	—	—	.00	.00	.11	.00	.00	.39	.00	.00	.03	—
24	—	—	.00	.00	.02	.00	.00	.01	.00	.14	.24	—
25	—	—	.00	.00	.00	.00	.00	.00	.18	.06	.00	—
26	—	—	.35	.06	.00	—	.00	.00	.55	.00	.00	—
27	—	—	.13	.00	.00	—	.00	.00	.02	.01	.00	—
28	—	—	.00	.01	.00	—	.00	.00	.00	.00	.00	—
29	—	—	.00	.09	.00	—	.00	.00	.00	.00	.00	—
30	—	—	.00	.00	.00	—	.00	.00	.00	.00	.00	—
31	—	—	.00	—	.00	—	.00	.00	—	.00	—	—
Total	—	—	—	0.18	0.19	—	—	1.13	1.10	2.20	0.59	—

Table 37.—Daily rainfall, in inches, at North Pajarito Arroyo
primary gage G19 for calendar years 1984-86—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.26	0.00	0.00	0.06	0.00	0.00	0.03	--
2	--	--	--	.00	.02	.00	.00	.02	.00	.00	.00	--
3	--	--	--	.00	.00	.00	.00	.05	.25	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.03	.00	--
8	--	--	.00	.00	.00	.00	.00	.08	.00	.01	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.24	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.81	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.02	--	--
12	--	--	.38	.00	.05	.00	.00	.00	.00	.00	--	--
13	--	--	.00	.00	.06	.00	.00	.00	.00	.04	--	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
15	--	--	.04	.00	.00	.00	.16	.00	.20	.00	--	--
16	--	--	.02	.00	.00	.00	.02	.00	.05	.40	--	--
17	--	--	.00	.00	.06	.00	.15	.00	.01	.15	--	--
18	--	--	.00	.00	.13	.10	.00	.00	.28	.00	--	--
19	--	--	.14	.00	.12	.20	.00	.00	.28	.00	--	--
20	--	--	.00	.00	.00	.00	.00	.07	.43	.00	--	--
21	--	--	.02	.03	.04	.00	.00	.00	.00	.01	--	--
22	--	--	.00	.25	.01	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.01	.02	.00	.01	.00	.00	.00	--	--
24	--	--	.00	.00	.02	.12	.00	.00	.00	.00	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
27	--	--	.00	.01	.00	.00	.00	.00	.00	.00	--	--
28	--	--	.00	1.12	.00	.00	.09	.00	.28	.00	--	--
29	--	--	.05	.03	.00	.00	.29	.00	.01	.00	--	--
30	--	--	.05	.02	.00	.00	.01	.00	.00	.00	--	--
31	--	--	.00	--	.00	--	.09	.00	--	.00	--	--
Total	--	--	--	1.47	0.79	0.42	0.82	0.30	1.79	1.71	--	--

Table 37.—Daily rainfall, in inches, at North Pajarito Arroyo
primary gage G19 for calendar years 1984-86—Concluded .

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	0.00	0.00	--	0.01	0.00	--	--	--
2	--	--	--	--	.01	.00	--	.00	.00	--	--	--
3	--	--	--	--	.19	.18	0.00	.00	.00	--	--	--
4	--	--	--	--	.00	.02	.51	.00	.00	--	--	--
5	--	--	0.00	--	.00	.08	.00	--	.00	--	--	--
6	--	--	.00	--	.00	.04	.00	--	.00	--	--	--
7	--	--	.00	--	.00	.00	.09	--	.00	--	--	--
8	--	--	.00	--	.00	.00	.07	--	.00	--	--	--
9	--	--	.00	--	.00	.00	.12	--	.05	--	--	--
10	--	--	.04	--	.00	.00	.00	--	.00	--	--	--
11	--	--	.13	--	.00	.00	.00	--	.02	--	--	--
12	--	--	.00	--	.00	--	.00	--	.00	--	--	--
13	--	--	.00	--	.00	--	.00	--	.00	--	--	--
14	--	--	.03	--	.00	--	.00	--	.00	--	--	--
15	--	--	.00	--	.00	--	.00	--	.00	--	--	--
16	--	--	.00	--	.23	--	.42	--	.06	--	--	--
17	--	--	.00	--	.68	--	.00	--	.00	--	--	--
18	--	--	.00	--	.00	--	.00	--	.00	--	--	--
19	--	--	.00	--	.00	--	.02	--	.00	--	--	--
20	--	--	.00	--	.00	--	.01	--	.00	--	--	--
21	--	--	.00	--	.00	--	.00	--	.00	--	--	--
22	--	--	.00	--	.00	--	.00	--	.00	--	--	--
23	--	--	.00	0.00	.00	--	.00	--	.07	--	--	--
24	--	--	.00	.00	.00	--	.00	--	.31	--	--	--
25	--	--	.00	.03	.00	--	.00	--	.00	--	--	--
26	--	--	--	.00	.00	--	.03	--	.00	--	--	--
27	--	--	--	.00	.00	--	.00	.00	.00	--	--	--
28	--	--	--	.00	.00	--	.00	.00	.00	--	--	--
29	--	--	--	.00	.13	--	.00	.00	.00	--	--	--
30	--	--	--	.00	.03	--	.00	.00	.00	--	--	--
31	--	--	--	--	.02	--	.02	.00	--	--	--	--
Total	--	--	--	--	1.29	--	--	--	0.51	--	--	--

Table 38.—Daily rainfall, in inches, at North Pajarito Arroyo secondary gage G18 for calendar years 1984-88

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	--	--	0.05	0.00	0.00	0.12	0.01	0.00	0.00
2	--	--	--	--	--	.01	.00	.00	.00	.24	.00	.00
3	--	--	--	--	--	.00	.00	.00	.00	.76	.00	.00
4	--	--	--	--	--	.00	.00	.00	.00	.02	.00	.05
5	--	--	--	--	--	.01	.00	.07	.00	.00	.00	.00
6	--	--	--	--	--	.01	.00	.06	.00	.00	.00	--
7	--	--	--	--	--	.00	.00	.32	.00	.01	.00	--
8	--	--	--	--	--	.00	.00	.00	.00	.01	.00	--
9	--	--	--	--	--	.00	.00	.00	.00	.01	.00	--
10	--	--	--	--	--	.00	.00	.00	.00	.01	.00	--
11	--	--	--	--	--	.00	.00	.00	.00	.01	.00	--
12	--	--	--	--	--	.00	.00	.00	.00	.13	.00	--
13	--	--	--	--	--	.00	.02	.03	.00	.01	.00	--
14	--	--	--	--	--	.02	.00	.00	.23	.01	.00	--
15	--	--	--	--	--	.02	.00	.00	.04	1.00	.00	--
16	--	--	--	--	0.00	.05	1.39	.00	.00	.01	.00	--
17	--	--	--	--	.00	.00	.38	.00	.00	.00	.26	--
18	--	--	--	0.00	.00	.00	.00	.00	.00	.08	.13	--
19	--	--	--	.00	.00	.54	.00	.48	.00	.04	.00	--
20	--	--	--	.02	.00	.03	.00	.16	.00	.13	.00	--
21	--	--	--	.00	.00	.00	.00	.00	.05	.14	.00	--
22	--	--	--	.00	.00	.00	.00	.13	.02	.03	.00	--
23	--	--	--	.00	.16	.00	.00	.47	.00	.00	.03	--
24	--	--	--	.00	.02	.00	.00	.01	.00	.16	.25	--
25	--	--	--	.00	.00	.00	.00	.00	.30	.00	.00	--
26	--	--	--	--	.00	.26	.00	.00	.65	.01	.00	--
27	--	--	--	--	.00	.00	.00	.00	.01	.01	.00	--
28	--	--	--	--	.00	.01	.00	.00	.00	.00	.00	--
29	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	--	--	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	--	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	--	--	1.01	1.79	1.73	1.42	2.84	0.67	--

Table 38.—Daily rainfall, in inches, at North Pajarito Arroyo
secondary gage G18 for calendar years 1984-88—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.20	0.00	0.00	0.02	0.00	0.00	0.02	0.00
2	--	--	--	.00	.02	.00	.00	.35	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.03	.14	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.04	.00	--
8	--	--	.00	.00	.00	.00	.00	.08	.00	.01	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.28	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	1.02	.00	--
11	--	--	.01	.00	.00	.00	.00	.00	.00	.02	.00	--
12	--	--	.27	.00	.14	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.01	.00	.00	.00	.00	.03	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.16	.00	.30	.00	.00	--
16	--	--	.01	.00	.00	.00	.00	.00	.02	.49	.00	--
17	--	--	.00	.00	.13	.00	.00	.00	.01	.17	.00	--
18	--	--	.00	.00	.33	.05	.00	.00	.34	.00	.00	--
19	--	--	.13	.00	.38	.26	.00	.00	.35	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.26	.72	.00	.00	--
21	--	--	.00	.02	.07	.00	.00	.00	.00	.01	.00	--
22	--	--	.00	.24	.01	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.02	.04	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.03	.15	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.13	--
27	--	--	.00	.01	.00	.00	.00	.00	.00	.00	.01	--
28	--	--	.00	1.23	.00	.00	.11	.00	.61	.00	.00	--
29	--	--	.03	.10	.00	.00	.35	.00	.02	.00	.00	--
30	--	--	.03	.00	.00	.00	.00	.00	.00	.00	.12	--
31	--	--	.00	--	.00	--	.08	.00	--	.01	--	--
Total	--	--	--	1.62	1.36	0.46	0.70	0.76	2.51	2.08	0.28	--

**Table 38.—Daily rainfall, in inches, at North Pajarito Arroyo
secondary gage G18 for calendar years 1984-88--Continued**

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.10	0.00	0.00	0.07	0.01	0.00	0.00	0.15	--
2	--	--	--	.07	.03	.00	.00	.00	.00	.00	.54	--
3	--	--	--	.00	.28	.08	.00	.00	.00	.00	.18	--
4	--	--	--	.00	.00	.02	.62	.00	.00	.00	.27	--
5	--	--	--	.00	.00	.01	.00	.00	.00	.23	.00	--
6	--	--	--	.00	.00	.07	.00	.00	.00	.11	.00	--
7	--	--	--	.00	.00	.00	.11	.00	.00	.00	.12	--
8	--	--	--	.00	.00	.00	.10	.00	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.16	.00	.14	.26	.00	--
10	--	--	--	.00	.00	.00	.00	.01	.01	.48	.00	--
11	--	--	--	.00	.00	.00	.00	.03	.02	.00	.00	--
12	--	--	--	.00	.00	.00	.00	.01	.00	.18	.00	--
13	--	--	--	.00	.00	.00	.03	.10	.02	.17	.22	--
14	--	--	0.01	.00	.00	.00	.00	.02	.00	.00	.00	--
15	--	--	.01	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.24	.00	.60	.00	.12	.00	.00	--
17	--	--	.00	.00	.65	.02	.02	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.02	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.18	.00	.00	.00	--	--
20	--	--	.00	.00	.00	.00	.02	.00	.00	.00	--	--
21	--	--	.00	.00	.00	.00	.03	.00	.00	.00	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
23	--	--	.00	.00	.00	.00	.02	.08	.06	.00	--	--
24	--	--	.00	.00	.00	.28	.00	--	.41	.00	--	--
25	--	--	.00	.03	.00	.06	.00	--	.00	.00	--	--
26	--	--	.00	.00	.00	.02	.02	--	.00	.00	--	--
27	--	--	.00	.00	.00	.05	.00	.00	.00	.00	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--	--
29	--	--	.00	.00	.13	.00	.00	.00	.00	.00	--	--
30	--	--	.00	.00	.07	.17	.00	.00	.00	.00	--	--
31	--	--	.00	--	.01	--	.06	.00	--	.00	--	--
Total	--	--	--	0.20	1.41	0.80	2.04	--	0.78	1.43	--	--

Table 38.--Daily rainfall, in inches, at North Pajarito Arroyo
secondary gage G18 for calendar years 1984-88--Continued

Day	Calendar year 1987											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.03	.00	.00	.00	.01
3	--	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.01
4	--	--	0.00	.17	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	.00	.05	.00	.00	.00	.00	.00	.00	.08	.25
6	--	--	.00	.00	.00	.00	.00	.06	.00	.00	.02	.00
7	--	--	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00
8	--	--	.00	.00	.00	.03	.00	.03	.00	.00	.00	.00
9	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.01	--
10	--	--	.00	.00	.00	.00	.00	.15	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.02	.00	.00	.00	--
12	--	--	.00	.08	.00	.00	.00	.01	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.01	.11	.00	.03	.01	--
14	--	--	.00	.00	.02	.00	.00	.01	.00	.18	.00	--
15	--	--	.00	.00	.27	.00	.01	.00	.00	.00	.02	--
16	--	--	.00	.00	.27	.00	.08	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.01	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.01	.00	.00	.00	--
21	--	--	.00	.00	.02	.00	.00	.00	.00	.00	.01	--
22	--	--	.00	.00	.09	.00	.01	.08	.00	.00	.00	--
23	--	--	.00	.00	.05	.00	.01	.07	.00	.00	.00	--
24	--	--	.00	.00	.03	.00	.00	.09	.00	.03	.00	--
25	--	--	.00	.00	.00	.00	.00	.30	.01	.00	.01	--
26	--	--	.00	.00	.00	.00	.00	.02	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.06	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.14	.01	.00	.00	.01	--
29	--	--	.00	.00	.00	.00	.06	.00	.00	.02	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.20	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.02	--	--
Total	--	--	--	0.30	0.75	0.03	0.34	1.12	0.01	0.48	0.17	--

Table 38.—Daily rainfall, in inches, at North Pajarito Arroyo
secondary gage G18 for calendar years 1984-88—Concluded

Day	Calendar year 1988											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.26	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.00
2	--	--	--	.11	.00	.00	.01	.02	.01	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.01	.01	.00	.00	.00
4	--	--	0.00	.00	.00	.00	.01	.01	.00	.00	.00	.00
5	--	--	.00	.00	.00	.00	.09	.13	.00	.00	.00	.00
6	--	--	.00	.00	.00	.00	.01	.01	.00	.11	.00	--
7	--	--	.00	.00	.00	.00	.01	.01	.00	.04	.01	--
8	--	--	.05	.00	.00	.00	.32	.02	.01	.00	.00	--
9	--	--	.02	.00	.00	.00	.87	.28	.00	.00	.00	--
10	--	--	.00	.00	.00	.12	.01	.00	.00	.00	.00	--
11	--	--	.07	.00	.00	.12	.00	.00	.26	.00	.00	--
12	--	--	.07	.00	.00	.01	.00	.00	.31	.00	.00	--
13	--	--	.05	.00	.00	.01	.00	.00	.44	.01	.00	--
14	--	--	.06	.06	.06	.00	.00	.00	.00	.00	.00	--
15	--	--	.03	.00	.00	.16	.00	.01	.00	.00	.00	--
16	--	--	.00	.74	.74	.00	.00	.38	.00	.01	.13	--
17	--	--	.02	.04	.04	.00	.10	.11	.00	.01	.06	--
18	--	--	.06	.00	.00	.00	.01	.13	.00	.00	.03	--
19	--	--	.01	.00	.00	.00	.18	.01	.00	.01	.03	--
20	--	--	.00	.00	.00	.00	.01	.00	.06	.00	.10	--
21	--	--	.00	.00	.00	.00	.00	.00	.71	.00	.06	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.05	--
23	--	--	.00	.00	.00	.00	.00	.00	.01	.01	.01	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	1.26	.00	.15	.00	.00	.00	--
26	--	--	.00	.00	.00	.05	.00	.04	.00	.01	.05	--
27	--	--	.00	.00	.00	.07	.22	.11	.00	.00	.17	--
28	--	--	.00	.00	.00	.58	.25	.15	.00	.00	.00	--
29	--	--	.01	.00	.00	.02	.10	.08	.00	.00	.00	--
30	--	--	.00	.00	.00	.01	.02	.01	.00	.00	.00	--
31	--	--	.23	--	.00	--	.01	.08	--	.00	--	--
Total	--	--	--	1.21	0.84	2.41	2.24	1.75	1.86	0.21	0.70	--

**Table 39.--Rainfall and runoff data for selected storms
at North Pajarito Arroyo**

Time	Gage 19 rainfall (inches)	Gage 18 rainfall (inches)	Runoff (cubic feet per second)
<u>September 20, 1985</u>			
15:05	0.09	0.01	1.60
15:10		.23	72.00
15:15		.05	21.00
15:20			23.00
15:25			12.00

Total	0.09	0.29	
-------	------	------	--

Total storm runoff over watershed = 0.03
inch.

<u>September 28, 1985</u>			
14:20	0.07	0.25	
14:25	.16	.25	
14:30		.01	
14:35	.01	.01	38.00
14:40			2.70
14:45			2.50
14:50			2.50
14:55			2.50
15:00			2.50
15:05			2.50
15:10		.01	2.50
15:15	.01	.01	2.50
15:20	.02		2.50
15:25		.01	2.50
15:30			2.50
15:35			2.50
15:40			2.50
15:45			2.50
15:50			2.50

Total	0.27	0.55	
-------	------	------	--

Total storm runoff over watershed = 0.02
inch.

Table 40.—Mean daily discharge, in cubic feet per second, at (08331130) North
Pajarito Arroyo for calendar years 1984-86

[—, no data]

Day	Calendar year 1984											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	--	.00	.00	.00	.00	.00	.00	--	.00	--
16	--	--	--	.00	.00	.00	.84	.00	.00	.00	.00	--
17	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	--	.00	.00	.00	.00	--	.00	.00	.00	--
20	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
21	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	--	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
Total	--	--	--	0.00	0.00	0.00	0.84	--	0.00	--	0.00	--
Mean	--	--	--	.00	.00	.00	.027	--	.00	--	.00	--
Maximum	--	--	--	.00	.00	.00	.84	--	.00	--	.00	--
Minimum	--	--	--	.00	.00	.00	.00	--	.00	--	.00	--
Acre-feet	--	--	--	.0	.0	.0	1.7	--	.0	--	.0	--

Table 40.—Mean daily discharge, in cubic feet per second, at (08331130) North
Pajarito Arroyo for calendar years 1984-86—Continued

Day	Calendar year 1985											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00
3	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
4	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	.00	.00	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
19	--	--	.00	.00	.00	.02	.00	.00	.00	.00	.00	--
20	--	--	.00	.00	.00	.00	.00	.00	.45	.00	.00	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
28	--	--	.00	.00	.00	.00	.00	.00	.27	.00	.00	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	.00	.00	--
31	--	--	.00	--	.00	--	.00	.00	--	.00	--	--
<hr/>												
Total	--	--	--	0.00	0.00	0.02	0.00	0.00	0.72	0.00	0.00	--
Mean	--	--	--	.00	.00	.001	.00	.00	.024	.00	.00	--
Maximum	--	--	--	.00	.00	.02	.00	.00	.45	.00	.00	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	.00	.00	--
Acre-feet	--	--	--	.0	.0	.04	.0	.0	1.4	.0	.0	--

Table 40.—Mean daily discharge, in cubic feet per second, at (08331130) North
Pajarito Arroyo for calendar years 1984-86—Concluded

Day	Calendar year 1986											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
2	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
3	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
4	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
5	--	--	0.00	.00	.00	.00	.00	.00	.00	--	--	--
6	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
7	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
8	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
9	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
10	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
11	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
12	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
13	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
14	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
15	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
16	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
17	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
18	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
19	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
20	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
21	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
22	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
23	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
24	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
25	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
26	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
27	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
28	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
29	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
30	--	--	.00	.00	.00	.00	.00	.00	.00	--	--	--
31	--	--	.00	--	.00	--	.00	.00	--	--	--	--
<hr/>												
Total	--	--	--	0.00	0.00	0.00	0.00	0.00	0.00	--	--	--
Mean	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
Maximum	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
Minimum	--	--	--	.00	.00	.00	.00	.00	.00	--	--	--
Acre-feet	--	--	--	.0	.0	.0	.0	.0	.0	--	--	--

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area

[—, no data]

Gage G27, calendar year 1985												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	0.00	0.00	0.02	0.00	0.00	0.03	0.00
2	—	—	—	—	—	.00	.11	.34	.13	.00	.00	.00
3	—	—	—	—	—	.00	.00	.03	.06	.00	.00	.00
4	—	—	—	—	—	.04	.00	.00	.00	.00	.00	.00
5	—	—	—	—	—	.00	.00	.00	.00	.00	.00	.00
6	—	—	—	—	0.00	.00	.00	.17	.00	.00	.00	.00
7	—	—	—	—	.00	.00	.00	.01	.00	.07	.00	.00
8	—	—	—	—	.00	.00	.00	.00	.00	.04	.00	.00
9	—	—	—	—	.00	.02	.00	.00	.00	.19	.00	.00
10	—	—	—	—	.00	.00	.00	.26	.00	1.08	.00	.00
11	—	—	—	—	.00	.00	.00	.15	.02	.00	.06	.00
12	—	—	—	—	.12	.00	.00	.00	.00	.00	.00	.00
13	—	—	—	—	.00	.00	.00	.00	.00	.12	.00	.00
14	—	—	—	—	.00	.00	.00	.00	.00	.00	.05	.00
15	—	—	—	—	.00	.00	.12	.00	.78	.00	.00	.00
16	—	—	—	—	.00	.00	.00	.00	.54	.42	.00	.00
17	—	—	—	—	.01	.00	.00	.00	.13	.25	.00	.00
18	—	—	—	—	.01	.03	.00	.00	.29	.00	.00	.00
19	—	—	—	—	.00	.00	.03	.00	.21	.00	.00	.00
20	—	—	—	—	.00	.00	.00	.24	.42	.00	.00	.00
21	—	—	—	—	.19	.00	.00	.00	.00	.00	.00	.00
22	—	—	—	—	.00	.00	.03	.00	.00	.00	.00	.00
23	—	—	—	—	.00	.00	.04	.00	.00	.00	.00	.00
24	—	—	—	—	.00	.20	.00	.00	.00	.00	.00	.00
25	—	—	—	—	.16	.00	.00	.00	.00	.00	.00	.00
26	—	—	—	—	.00	.00	.00	.00	.00	.00	.05	.00
27	—	—	—	—	.00	.00	.00	.00	.00	.00	.01	.00
28	—	—	—	—	.00	.00	.08	.00	.15	.00	.00	.00
29	—	—	—	—	.00	.00	.19	.00	.01	.00	.00	.00
30	—	—	—	—	.00	.00	.00	.00	.00	.00	.06	.00
31	—	—	—	—	.04	—	.01	.00	—	.04	—	.02
Total	—	—	—	—	—	0.29	0.61	1.22	2.74	2.21	0.26	0.02

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G27, calendar year 1986												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.17	0.00	0.00	0.10	0.00	0.00	0.00	0.03	0.00
2	.00	.00	.00	.05	.05	.00	.00	.00	.00	.00	.64	.00
3	.00	.00	.00	.00	.17	.04	.00	.05	.00	.03	.19	.00
4	.00	.00	.00	.00	.00	.00	.11	.07	.11	.00	.32	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.73	.00	.00
6	.03	.02	.00	.00	.00	.00	.00	.00	.00	.10	.00	.19
7	.04	.00	.00	.00	.00	.00	.31	.02	.00	.00	.09	.12
8	.00	.07	.00	.00	.00	.00	.35	.15	.03	.00	.00	.31
9	.00	.00	.00	.00	.00	.00	.17	.00	.07	.33	.00	.00
10	.00	.05	.04	.00	.00	.00	.00	.07	.01	.41	.00	.00
11	.00	.10	.03	.00	.00	.00	.00	.00	.00	.32	.00	.00
12	.00	.25	.00	.00	.00	.00	.00	.00	.00	.18	.00	.00
13	.00	.32	.01	.00	.00	.00	.00	.06	.14	.00	.01	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.06	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00
16	.00	.00	.00	.00	.29	.00	.19	.00	.03	.00	.00	.00
17	.00	.00	.00	.00	.62	.00	.00	.00	.00	.00	.00	.01
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.03
19	.00	.00	.00	.00	.00	.08	.06	.00	.00	.00	.01	.00
20	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.12	.00
23	.00	.00	.00	.02	.00	.01	.00	.10	.04	.00	.01	.00
24	.00	.00	.00	.10	.00	.37	.00	.00	.14	.00	.00	.02
25	.00	.00	.00	.00	.00	.15	.00	.03	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.01	.18	.02	.00	.00	.00	.00
27	.00	.00	.00	.00	.02	.11	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	—	.01	.00	.10	.00	.00	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.15	.51	.00	.00	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.03	.01	—	.00	—	.00
Total	0.07	0.87	0.09	0.34	1.40	1.28	1.67	0.58	0.57	2.10	1.53	0.68

Table 41.—Daily rainfall, in inches, at watershed gages within the Albuquerque area—Continued

Gage G27, calendar year 1987												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	—	—
2	.00	.01	.00	.00	.02	.00	.00	.01	.00	—	—	—
3	.00	.00	.00	.00	.00	.00	.00	.02	.00	—	—	—
4	.00	.00	.00	.46	.00	.00	.00	.23	.00	—	—	—
5	.00	.00	.00	.03	.02	.00	.00	.00	.00	—	—	—
6	.00	.00	.00	.00	.04	.00	.00	.53	.00	—	—	—
7	.00	.00	.00	.00	.00	.19	.00	.04	.00	—	—	—
8	.00	.00	.00	.00	.00	.27	.00	.01	.00	—	—	—
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—
10	.00	.00	.00	.00	.00	.00	.00	.14	—	—	—	—
11	.00	.00	.00	.00	.00	.00	.00	.58	—	—	—	—
12	.00	.02	.00	.21	.00	.00	.00	.03	—	—	—	—
13	.00	.00	.00	.00	.00	.00	.00	.01	—	—	—	—
14	.00	.03	.00	.00	.12	.00	.00	.00	—	—	—	—
15	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—	—
16	.00	.01	.01	.00	.52	.00	.09	.00	—	—	—	—
17	.00	.00	.00	.00	.00	.00	.02	.00	—	—	—	—
18	.00	.01	.00	.00	.00	.00	.00	.00	—	—	—	—
19	.00	.06	.00	.00	.00	.00	.00	.00	—	—	—	—
20	.00	.05	.00	.00	.01	.00	.02	.00	—	—	—	—
21	.00	.00	.00	.00	.01	.00	.10	.32	—	—	—	—
22	.00	.00	.06	.00	.01	.00	.00	.01	—	—	—	—
23	.00	.00	.00	.00	.01	.00	.00	.21	—	—	—	—
24	.10	.00	.00	.00	.02	.00	1.60	.05	—	—	—	—
25	.09	.00	.00	.00	.00	.00	.00	.71	—	—	—	—
26	.00	.10	.00	.00	.00	.00	.00	.05	—	—	—	—
27	.00	.00	.00	.00	.00	.03	.00	.00	—	—	—	—
28	.00	.00	.00	.00	.00	.00	.23	.00	—	—	—	—
29	.00	—	.00	.00	.00	.03	.13	.04	—	—	—	—
30	.00	—	.00	.00	.00	.00	.00	.00	—	—	—	—
31	.10	—	.00	—	.00	—	.00	.00	—	—	—	—
Total	0.29	0.29	0.07	0.70	0.78	0.52	2.19	2.99	—	—	—	—

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G28, calendar year 1984												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	—	—	—	0.00
2	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.00
3	.00	.00	.00	.00	.00	.02	.34	—	—	—	—	.00
4	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.05
5	.00	.00	.00	.00	.00	.07	.00	—	—	—	—	.03
6	.00	.00	.00	.00	.00	.00	.37	—	—	—	—	.00
7	.00	.00	.00	.01	.00	.00	.00	—	—	—	—	.00
8	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.00
9	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.00
10	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.00
11	.00	.00	.00	.00	.00	.00	.01	—	—	—	—	.08
12	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.45
13	.00	.00	.00	.00	.00	.00	.03	—	—	—	—	.20
14	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.01
15	.09	.00	.00	.00	.00	.00	.00	—	—	—	—	.00
16	.00	.00	.00	.00	.00	.00	.14	—	—	—	—	.00
17	.04	.00	.00	.00	.00	.00	.14	—	—	—	—	.01
18	.00	.00	.00	.00	.00	.00	.00	—	—	—	—	.12
19	.00	.00	.00	.00	.00	.47	.00	—	—	—	—	.05
20	.00	.00	.00	.05	.00	.00	.00	—	—	—	—	.07
21	.00	.00	.00	.01	.00	.00	.00	—	—	—	—	.00
22	.00	.00	.04	.00	.00	.00	.10	—	—	—	—	.00
23	.00	.00	.00	.00	.11	.00	.00	—	—	—	—	.00
24	.00	.00	.00	.00	.00	.03	—	—	—	—	—	.00
25	.00	.00	.00	.00	.00	.10	—	—	—	—	—	.00
26	.00	.00	.44	.12	.00	.25	—	—	—	—	—	.00
27	.00	.00	.17	.00	.00	.01	—	—	—	—	—	.12
28	.00	.00	.00	.00	.00	.00	—	—	—	—	—	.18
29	.00	.00	.00	.14	.00	.00	—	—	—	—	—	.05
30	.00	—	.00	.00	.00	.00	—	—	—	—	—	.00
31	.00	—	.00	—	.00	—	—	—	—	—	—	.00
Total	0.13	0.00	0.65	0.33	0.11	0.95	—	—	—	—	—	1.42

Table 41.—Daily rainfall, in inches, at watershed gages within the Albuquerque area—Continued

Gage G28, calendar year 1985												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.06	0.00	0.00	0.01	0.00
2	.00	.00	.00	.00	.01	.00	.04	.18	.04	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.02	.16	.00	.00	.00
4	.00	.02	.00	.00	.03	.01	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00
8	.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.03	.00	.92	.00	.00
11	.00	.00	.01	.00	.00	.00	.00	.02	.01	.05	.00	.00
12	.00	.00	.57	.00	.22	.00	.00	.00	.00	.00	.00	.00
13	.04	.00	.00	.00	.01	.00	.00	.00	.00	.03	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00
15	.00	.00	.00	.00	.00	.00	.03	.00	.27	.00	.00	.00
16	.01	.00	.00	.00	.00	.00	.00	.00	.28	.42	.00	.00
17	.00	.00	.00	.00	.09	.00	.00	.00	.01	.21	.00	.00
18	.00	.00	.00	.07	.06	.00	.00	.00	.32	.00	.00	.00
19	.00	.00	.07	.00	.01	.00	.03	.00	.25	.00	.00	.00
20	.00	.00	.00	.00	.00	.07	.08	.04	.47	.00	.00	.00
21	.00	.00	.00	.03	.24	.00	.00	.00	.01	.01	.00	.00
22	.07	.19	.00	.20	.00	.00	.00	.00	.00	.00	.00	.00
23	.00	.03	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00
24	.01	.00	.00	.00	.03	.24	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00
26	.03	.00	.00	.06	.00	.00	.00	.00	.00	.00	.01	.00
27	.06	.00	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00
28	.00	.12	.00	1.22	.00	.00	.07	.02	.10	.00	.00	.00
29	.00	—	.04	.01	.00	.00	.16	.00	.01	.00	.00	.00
30	.00	—	.02	.00	.00	.00	.00	.00	.00	.00	.03	.00
31	.00	—	.00	—	.02	—	.00	.00	—	.06	—	.06
Total	0.40	0.36	0.71	1.59	0.89	0.32	0.48	0.50	1.93	2.01	0.07	0.06

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G28, calendar year 1986												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.21	0.00	0.00	0.07	0.00	0.00	0.00	0.03	0.00
2	.00	.00	.00	.03	.03	.00	.00	.00	.00	.00	.56	.00
3	.00	.00	.00	.00	.14	.08	.00	.04	.00	.16	.22	.01
4	.00	.00	.00	.00	.00	.00	.18	.00	.06	.00	.26	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.01	.00
6	.05	.03	.00	.00	.00	.00	.00	.00	.00	.14	.00	.20
7	.04	.00	.00	.00	.00	.00	.52	.11	.00	.00	.06	.09
8	.00	.00	.00	.00	.00	.00	.03	.01	.00	.00	.00	.05
9	.00	.00	.00	.00	.00	.00	.14	.00	.01	.20	.00	.00
10	.00	.00	.04	.00	.00	.00	.00	.41	.02	.55	.00	.00
11	.00	.00	.06	.00	.00	.00	.00	.00	.00	.33	.00	.00
12	.00	.33	.00	.00	.00	.00	.00	.05	.00	.19	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.03	.21	.00	.00	.00
14	.00	.00	.01	.00	.00	.00	.00	.06	.00	.00	.01	.00
15	.00	.06	.00	.00	.00	.00	.04	.00	.01	.00	.00	.00
16	.00	.01	.00	.00	.31	.00	.28	.00	.09	.00	.00	.00
17	.00	.00	.01	.00	.49	.01	.00	.00	.01	.00	.00	.00
18	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.08	.00
19	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.06	.00
20	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.01
21	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.01
22	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.16	.00
23	.00	.00	.00	.00	.00	.00	.00	.42	.09	.00	.05	.00
24	.00	.00	.00	.05	.00	.48	.00	.02	.25	.00	.00	.04
25	.00	.00	.00	.22	.00	.25	.00	.64	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.03	.07	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.64	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	—	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.18	.03	—	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.07	.16	—	.00	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	—	.01	—	.00	—	.00
Total	0.09	0.43	0.14	0.51	1.22	1.68	—	1.84	0.75	1.90	1.50	0.41

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G28, calendar year 1987												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00
2	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.01	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.24	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00
6	.00	.00	.00	.00	.00	.00	.00	.20	.00	.00	.01	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00
9	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.02	.00	.39	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.35	.00	.00	.00	.00
12	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.10	.19	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.00
16	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
20	.00	.03	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.02	.31	.00	.00	.00	.00
22	.01	.00	.02	.00	.00	.00	.00	.21	.00	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00
24	.17	.00	.00	.00	.00	.00	.84	.24	.00	.01	.00	.00
25	.00	.00	.00	.00	.01	.00	.00	.35	.02	.01	.00	.00
26	.00	.10	.00	.00	.00	.21	.00	.68	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.07	.00	.35	.00	.00	.00	.00
28	.01	.00	.00	.00	.00	.00	.05	.02	.00	.00	.00	.00
29	.00	—	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.22	.00	.00
31	.15	—	.00	—	.00	—	.00	.00	—	.06	—	.00
Total	0.34	0.27	0.08	0.00	0.01	0.31	0.97	3.36	0.14	0.51	0.52	0.00

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G28, calendar year 1988												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.02	0.00	0.00	0.00	0.52	0.21	0.00	0.18	0.00	0.00	0.00
2	.00	.00	.00	.00	.00	.10	.02	.00	.01	.00	.00	.00
3	.00	.00	.04	.00	.00	.00	.03	.00	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.10	.18	.00	.00	.00	.00	.00
6	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00
8	.00	.00	.00	.00	.00	.00	.25	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.75	.67	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.01	.16	.00	.00	—
12	.00	.00	.00	.00	.00	.00	.00	.00	.23	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.54	.00	.00	.00
14	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00
16	.00	.00	.00	.00	.00	.08	.00	.02	.00	.00	.00	.00
17	.00	.00	.00	.00	.00	.00	.01	.06	.00	.00	.00	.00
18	.09	.00	.02	.00	.00	.00	.01	.00	.00	.00	.00	.00
19	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.03	.00
20	.00	.00	.00	.04	.00	.00	.00	.00	.07	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.03	.40	.00	.00	.00
23	.00	.00	.00	.00	.44	.00	.00	.01	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.34	.00	.00	.00	.00
26	.00	.00	.00	.31	.00	.08	.00	.00	.00	.00	.04	.00
27	.00	.00	.00	.00	.00	.06	.36	.14	.00	.00	.00	.00
28	.00	.00	.00	.08	.00	.02	.63	.06	.00	.00	.00	.00
29	.00	.00	.00	.09	.00	.00	.03	.05	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.00	.02	—	.00	—	.00
Total	0.11	0.02	0.09	0.52	0.44	0.96	2.57	1.51	1.97	0.07	0.07	—

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G29, calendar year 1984												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.05	0.08	0.00	0.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00
5	.00	.00	.00	.00	.00	.05	.00	.03	.00	.00	.00	.08
6	.00	.00	.00	.00	.00	.00	.24	.13	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.30	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.01
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
12	.00	.00	.00	.00	.00	.00	.02	.02	.00	.13	.00	.26
13	.00	.00	.00	.00	.00	.00	.02	.03	.00	.06	.00	.20
14	.00	.01	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00
15	.18	.00	.00	.00	.02	.00	.00	.00	.02	.86	.00	.05
16	.00	.00	.00	.00	.00	.06	.19	.00	.00	.00	.00	.04
17	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.05
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.17	.00
19	.00	.00	.00	.00	.00	.17	.00	.35	.00	.06	.00	.00
20	.00	.00	.00	.03	.00	.01	.00	.09	.00	.16	.00	.01
21	.00	.00	.00	.00	.01	.00	.00	.00	.10	.08	.00	.00
22	.00	.00	.04	.00	.00	.00	.00	.13	.00	.02	.00	.00
23	.00	.00	.00	.00	.32	.00	.00	.23	.00	.00	.05	.00
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.16	.18	.00
25	.00	.00	.00	.03	.00	.14	.00	.00	.25	.00	.01	.00
26	.00	.00	.39	.04	.00	.00	.00	.00	.69	.00	.00	.00
27	.00	.00	.11	.00	.00	.00	.00	.00	.03	.00	.00	.10
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15
29	.00	.00	.00	.12	.00	.00	.00	.01	.00	.00	.00	.04
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.02	.00	—	.00	—	.00
Total	0.24	0.01	0.54	0.22	0.35	0.46	0.49	1.34	1.19	2.49	0.61	1.06

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G29, calendar year 1985												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.06	0.00	0.00	0.01	0.00
2	.00	.00	.00	.00	.02	.00	.03	.24	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.05	.18	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.03	.00	.04	.00	.00
8	.27	.00	.00	.00	.00	.00	.00	.17	.00	.04	.00	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33	.00	.00
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	.00	.00
11	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00
12	.00	.00	.46	.00	.13	.00	.00	.00	.00	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.03	.00	.00	.00	.27	.00	.45	.00	.00	.00
16	.04	.00	.01	.00	.00	.00	.00	.00	.32	.42	.00	.00
17	.00	.00	.00	.00	.07	.00	.00	.00	.06	.16	.00	.00
18	.00	.00	.00	.06	.12	.06	.00	.00	.28	.00	.00	.00
19	.00	.00	.17	.00	.46	.02	.02	.00	.25	.00	.00	.00
20	.00	.00	.00	.00	.00	.00	.00	.05	.57	.00	.00	.00
21	.00	.00	.00	.05	.30	.00	.00	.00	.00	.00	.00	.00
22	.06	.24	.00	.28	.00	.00	.01	.00	.00	.00	.00	.00
23	.00	.11	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00
24	.02	.01	.00	.00	.00	.12	.00	.00	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.03	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
27	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
28	.00	.08	.00	1.23	.00	.00	.11	.00	.25	.00	.00	.00
29	.00	—	.07	.02	.00	.00	.34	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00
31	.00	—	.00	—	.00	—	.01	.00	—	.01	—	.03
Total	0.44	0.44	0.75	1.68	1.34	0.20	0.88	0.60	2.36	2.21	0.09	0.03

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G29, calendar year 1986												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.12	0.00	0.00	0.09	0.00	0.00	0.00	0.06	0.00
2	.00	.00	.00	.08	.01	.00	.00	.00	.02	.00	.50	.00
3	.00	.00	.00	.00	.30	.10	.02	.00	.00	.01	.23	.01
4	.00	.00	.00	.00	.00	.00	.24	.06	.06	.00	.24	.00
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.00
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.17
7	.05	.00	.00	.00	.00	.00	.17	.03	.00	.00	.15	.08
8	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.04
9	.00	.00	.01	.00	.00	.00	.24	.03	.01	.30	.00	.00
10	.00	.00	.05	.00	.00	.00	.00	.00	.00	.43	.00	.00
11	.00	.00	.08	.00	.00	.00	.06	.00	.00	.24	.00	.00
12	.00	.38	.00	.00	.00	.00	.00	.50	.00	.22	.00	.00
13	.00	.01	.00	.00	.00	.00	.00	.02	.05	.03	.01	.00
14	.00	.00	.02	.03	.00	.00	.01	.00	.00	.00	.00	.00
15	.00	.11	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00
16	.00	.01	.00	.00	.42	.00	.36	.00	.08	.00	.00	.00
17	.00	.00	.00	.00	.70	.00	.00	.00	.00	.00	.00	.00
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.01
19	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.01	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.12	.00
23	.00	.00	.00	.00	.00	.02	.00	.12	.03	.00	.03	.00
24	.00	.00	.00	.03	.00	.54	.00	.00	.32	.00	.00	.01
25	.00	.00	.00	.20	.00	.12	.00	.14	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.21	.02	.00	.00	.00	.00	.00	.00
30	.00	—	.01	.00	.02	.74	.00	.00	.00	.00	.00	.00
31	.02	—	.00	—	.02	—	.12	.00	—	.00	—	.00
Total	0.07	0.51	0.17	0.46	1.68	1.62	1.64	0.91	0.58	1.68	1.47	0.32

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G29, calendar year 1987												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00
2	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00
4	.00	.00	.00	.36	.00	.00	.00	.02	.00	.00	.00	.00
5	.00	.00	.00	.04	.01	.00	.00	.00	.00	.00	.07	.02
6	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.03	.00
7	.00	.00	.00	.00	.00	.15	.00	.02	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00	.00	.00
9	.00	.00	.02	.00	.00	.00	.00	.01	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.04	.00	.45	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.00	.00
12	.00	.05	.00	.18	.00	.00	.00	.16	.00	.00	.00	.00
13	.00	.00	.00	.00	.02	.00	.00	.00	.00	.03	.00	.02
14	.00	.00	.00	.00	.07	.00	.00	.00	.01	.19	.00	.00
15	.00	.00	.00	.00	.36	.00	.00	.00	.00	.00	.04	.00
16	.01	.03	.00	.00	.08	.00	.10	.00	.00	.00	.00	.00
17	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	.01	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22
19	.03	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00
20	.00	.06	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00
21	.01	.08	.00	.00	.04	.00	.01	.03	.00	.01	.00	.00
22	.02	.00	.04	.00	.20	.00	.00	.21	.00	.00	.00	.00
23	.04	.00	.00	.00	.02	.00	.00	.07	.00	.00	.00	.00
24	.00	.00	.00	.00	.02	.00	.00	.09	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.09	.07	.00	.00	.06
26	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.00	.00	.00	.00	.04	.00	.26	.00	.00	.00	.00
28	.00	.00	.00	.00	.00	.00	.55	.00	.00	.00	.00	.00
29	.00	—	.00	.00	.02	.02	.04	.00	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
31	.11	—	.00	—	.00	—	.00	.00	—	.00	—	.00
Total	0.23	0.35	0.06	0.58	0.85	0.34	0.71	1.58	0.08	0.31	0.31	0.32

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G29, calendar year 1968												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.02	0.00	0.00	0.00
2	.00	.00	.00	.00	.70	.01	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.02	.09	.16	.00	.00	.00	.00	.00	.00
4	.00	.00	.00	.06	.04	.12	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.56	.00	.12	.00	.01	.00	.00	.00	.00
6	.00	.00	.00	.00	.01	.00	.00	.01	.00	.10	.00	.00
7	.00	.00	.00	.00	.02	.00	.00	.00	.00	.03	.00	.00
8	.00	.00	.00	.15	.00	.00	.42	.00	.00	.00	.00	.00
9	.00	.00	.00	.03	.32	.00	.91	1.08	.00	.00	.00	.00
10	.00	.00	.00	.35	.57	.00	.01	.00	.00	.00	.00	.00
11	.00	.00	.00	.04	.04	.00	.00	.03	.22	.00	.00	.00
12	.00	.00	.00	.09	.08	.00	.55	.00	.28	.00	.00	.00
13	.00	.00	.00	.02	.15	.01	.16	.00	.19	.00	.00	.00
14	.00	.00	.00	.00	.17	.00	.03	.00	.00	.00	.00	.00
15	.00	.00	.00	.07	.12	.00	.23	.01	.00	.00	.00	.00
16	.00	.00	.00	.12	.00	.00	.01	.20	.00	.00	.00	.00
17	.00	.00	.01	.36	.01	.00	.00	.12	.00	.00	.00	.00
18	.00	.00	.00	.35	.00	.00	.00	.10	.00	.00	.00	.00
19	.00	.00	.00	.50	.00	.00	.02	.00	.00	.00	.04	.00
20	.00	.00	.00	.03	.03	.00	.00	.00	.06	.00	.00	.00
21	.00	.00	.00	.23	.00	.01	.00	.00	.67	.00	.00	.00
22	.01	.00	.00	.00	.01	.02	.00	.00	.44	.00	.00	.00
23	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	1.13	.00	.00	.00	.28	.00	.01	.00	.00
25	.00	.00	.00	.19	.00	.00	.00	.03	.00	.00	.02	.00
26	.00	.00	.00	.22	.00	.00	.00	.01	.00	.00	.02	.00
27	.00	.06	.00	.01	.00	.16	.22	.28	.00	.00	.00	.00
28	.00	.00	.00	.03	.00	.25	.12	.07	.00	.00	.00	.00
29	.00	.00	.03	.29	.00	.00	.08	.03	.00	.00	.00	.00
30	.00	—	.00	.22	.00	.00	.00	.01	.00	.00	.00	.00
31	.00	—	.00	—	.00	—	.00	.00	—	.00	—	.00
Total	0.01	0.09	0.04	5.07	2.42	0.86	2.76	2.27	1.88	0.14	0.08	0.00

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G30, calendar year 1984												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00
2	—	—	—	—	—	—	—	.00	.00	.03	.00	.00
3	—	—	—	—	—	—	—	.00	.00	.76	.00	.00
4	—	—	—	—	—	—	—	.00	.00	.13	.00	.00
5	—	—	—	—	—	—	—	.00	.00	.00	.00	.05
6	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
7	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
8	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
9	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
10	—	—	—	—	—	—	—	.00	.00	.00	.00	.00
11	—	—	—	—	—	—	—	.00	.04	.00	.00	.17
12	—	—	—	—	—	—	—	.00	.00	.39	.00	.17
13	—	—	—	—	—	—	—	.00	.00	.03	.00	.16
14	—	—	—	—	—	—	—	.00	.66	.00	.00	.00
15	—	—	—	—	—	—	—	.00	.00	1.16	.00	.00
16	—	—	—	—	—	—	—	.00	.00	.24	.00	.03
17	—	—	—	—	—	—	—	.00	.12	.04	.67	.10
18	—	—	—	—	—	—	0.89	.00	.00	.01	.08	.29
19	—	—	—	—	—	—	.00	.00	.00	.07	.00	.04
20	—	—	—	—	—	—	.00	.00	.00	.19	.00	.02
21	—	—	—	—	—	—	.00	.00	.04	.33	.00	.00
22	—	—	—	—	—	—	.00	.00	.00	.19	.00	.00
23	—	—	—	—	—	—	.00	—	.00	.04	.05	.00
24	—	—	—	—	—	—	.00	—	.00	.08	.09	.00
25	—	—	—	—	—	—	.00	—	.25	.20	.06	.00
26	—	—	—	—	—	—	.00	—	.78	.22	.00	.00
27	—	—	—	—	—	—	.00	—	.00	.00	.00	.24
28	—	—	—	—	—	—	.00	—	.00	.00	.00	.24
29	—	—	—	—	—	—	.00	—	.00	.00	.00	.15
30	—	—	—	—	—	—	.00	—	.00	.00	.00	.00
31	—	—	—	—	—	—	.00	—	—	.00	—	.00
Total	—	—	—	—	—	—	—	—	1.89	4.11	0.95	1.66

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G30, calendar year 1985												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	—	—	0.00	0.00	0.23	0.00	0.00	0.03	—
2	.00	.00	.00	—	—	.00	.09	.24	.04	.00	.00	—
3	.00	.00	.00	—	—	.00	.00	.05	.09	.02	.00	—
4	.00	.00	.00	—	—	.14	.00	.00	.00	.00	.00	—
5	.00	.00	.00	—	—	.04	.00	.00	.00	.00	.00	—
6	.00	.00	.00	—	—	.00	.00	.00	.00	.00	.00	—
7	.00	.09	—	—	—	.00	.00	.01	.00	.16	.00	—
8	.14	.04	—	—	—	.00	.00	.00	.00	.01	.00	—
9	.08	.11	—	—	—	.00	.00	.00	.00	.84	.00	—
10	.06	.00	—	—	—	.00	.00	.08	.00	.74	.00	—
11	.00	.00	—	—	—	.00	.00	.01	.02	.06	.00	—
12	.00	.00	—	—	—	.00	.00	.00	.00	.00	.00	—
13	.02	.00	—	—	—	.00	.33	.00	.00	.07	.00	—
14	.00	.00	—	—	0.00	.00	.00	.00	.00	.00	.08	—
15	.00	.00	—	—	.00	.00	.05	.00	.21	.00	.02	—
16	.07	.00	—	—	.00	.00	.00	.00	.40	.47	.00	—
17	.00	.00	—	—	.21	.00	.00	.00	.00	.25	.00	—
18	.00	.00	—	—	.00	.03	.08	.00	.25	.00	.00	—
19	.00	.00	—	—	.00	.00	.00	.00	.26	.00	.00	—
20	.00	.00	—	—	.09	.01	.18	.42	.83	.00	.00	—
21	.00	.00	—	—	.26	.00	.00	.00	.00	.01	.00	—
22	.00	.15	—	—	.00	.00	.25	.00	.00	.00	.00	—
23	.05	.00	—	—	.00	.00	.05	.00	.00	.00	.00	—
24	.01	.26	—	—	.00	.52	.00	.02	.00	.00	.00	—
25	.00	.00	—	—	.10	.00	.00	.00	.00	.00	.01	—
26	.17	.00	—	—	.00	.00	.00	.00	.00	.00	.11	—
27	.12	.00	—	—	.00	.00	.04	.05	.00	.00	—	—
28	.00	.16	—	—	.00	.00	.08	.03	.09	.00	—	—
29	.00	—	—	—	.00	.00	.26	.00	.11	.00	—	—
30	.00	—	—	—	.00	.00	.01	.00	.00	.00	—	—
31	.00	—	—	—	.00	—	.04	.00	—	.13	—	—
Total	0.72	0.81	—	—	—	0.74	1.46	1.14	2.30	2.76	—	—

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G30, calendar year 1986												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	0.00	0.00	0.02	0.02	0.00	0.04	0.00	0.00
2	—	—	—	—	.09	.01	.00	.01	.01	.04	.69	.00
3	—	—	—	—	.49	.02	.00	.00	.00	.05	.76	.01
4	—	—	—	—	.00	.00	.17	.00	.10	.00	.73	.00
5	—	—	—	—	.00	.00	.00	.00	.00	.32	.12	.00
6	—	—	—	—	.00	.00	.00	.01	.03	.21	.00	.36
7	—	—	—	—	.00	.00	.81	.00	.26	.08	.31	.06
8	—	—	—	—	.04	.00	.45	.00	.00	.04	.00	.27
9	—	—	—	—	.00	.00	.34	.00	.08	.12	.06	.04
10	—	—	—	—	.00	.00	.00	.12	.01	.50	.05	.00
11	—	—	—	—	.00	.00	.00	.00	.01	.15	.16	.08
12	—	—	—	—	.00	.00	.00	.00	.00	.00	.03	.01
13	—	—	—	—	.08	.00	.00	.01	.14	.07	.21	.00
14	—	—	—	—	.00	.00	.00	.17	.00	.27	.11	.00
15	—	—	—	—	.00	.00	.08	.00	.10	.17	.24	.00
16	—	—	—	—	.69	.00	.46	.00	.08	.20	.16	.00
17	—	—	—	—	.32	.00	.00	.00	.00	.00	.16	.00
18	—	—	—	—	.00	.00	.00	.00	.00	.04	.00	.05
19	—	—	—	—	.00	.00	.54	.00	.00	.00	.00	.00
20	—	—	—	—	.00	.00	.41	.00	.00	.22	.00	.00
21	—	—	—	—	.00	.00	.14	.00	.00	.00	.00	.00
22	—	—	—	—	.00	.00	.18	.40	.01	.00	.00	.00
23	—	—	—	—	.00	.00	.01	.34	.12	.00	.00	.00
24	—	—	—	—	.00	.73	.00	.03	.43	.00	.00	.00
25	—	—	—	—	.00	.66	.00	.01	.00	.06	.00	.08
26	—	—	—	0.03	.00	.12	.07	.05	.00	.08	.00	.00
27	—	—	—	.00	.02	.36	.00	.00	.00	.00	.00	.00
28	—	—	—	.00	.00	.01	.00	.00	.00	.00	.00	.00
29	—	—	—	.00	.75	.01	.00	.00	.00	.02	.00	.00
30	—	—	—	.00	.33	.25	.00	.00	.00	.00	.00	.00
31	—	—	—	—	.04	—	.15	.00	—	.00	—	.00
Total	—	—	—	—	2.85	2.17	3.83	1.17	1.38	2.68	3.79	0.96

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G30, calendar year 1987												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	—	—	—	—	—	0.00	0.36	0.03
2	.00	.00	.00	.00	—	—	—	—	—	.00	.00	.00
3	.00	.00	.00	.00	—	—	—	—	—	.00	.00	.00
4	.00	.00	.00	.05	—	—	—	—	—	.00	.00	.00
5	.00	.00	.00	.30	—	—	—	—	—	.00	.05	.05
6	.00	.00	.00	.00	—	—	—	—	—	.00	.06	.02
7	.00	.00	.00	—	—	—	—	—	—	.00	.00	.00
8	.00	.00	.01	—	—	—	—	—	—	.00	.00	.00
9	.00	.00	.02	—	—	—	—	—	—	.00	.00	.00
10	.00	.00	.02	—	—	—	—	—	0.00	.00	.00	.00
11	.00	.00	.00	—	—	—	—	—	.00	.00	.00	.00
12	.00	.05	.00	—	—	—	—	—	.00	.00	.00	.00
13	.00	.00	.00	—	—	—	—	—	.00	.00	.00	.00
14	.00	.08	.00	—	—	—	—	—	.00	.20	.01	.00
15	.00	.00	.00	—	—	—	—	—	.00	.00	.10	.00
16	.00	.01	.07	—	—	—	—	—	.00	.00	.06	.00
17	.00	.02	.00	—	—	—	—	—	.00	.00	.30	.00
18	.30	.10	.00	—	—	—	—	—	.00	.00	.00	.00
19	.04	.00	.00	—	—	—	—	—	.00	.00	.00	.00
20	.00	.01	.00	—	—	—	—	—	.00	.00	.00	.00
21	.00	.07	.00	—	—	—	—	—	.00	.00	.00	.00
22	.00	.00	.12	—	—	—	—	—	.00	.00	.00	.00
23	.00	.00	.12	—	—	—	—	—	.00	.04	.00	.00
24	.00	.00	.00	—	—	—	—	—	.00	.03	.00	.00
25	.00	.00	.00	—	—	—	—	—	.05	.00	.03	.00
26	.00	.20	.00	—	—	—	—	—	.00	.00	.00	.00
27	.00	.00	.00	—	—	—	—	—	.00	.00	.00	.00
28	.00	.00	.00	—	—	—	—	—	.00	.00	.04	.00
29	.00	—	.00	—	—	—	—	—	.00	.00	.02	.00
30	.00	—	.00	—	—	—	—	—	.00	.24	.02	.00
31	.17	—	.00	—	—	—	—	—	—	.07	—	.00
Total	0.51	0.54	0.36	—	—	—	—	—	—	0.58	1.05	0.10

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G30, calendar year 1988												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.68	0.00	0.00	0.19	0.05	0.06	—	—	—
2	.00	.00	.00	.04	.00	.00	.18	.06	.02	—	—	—
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—
4	.00	.00	.00	.00	.00	.16	.00	.07	.00	—	—	—
5	.00	.00	.00	.00	.00	.09	.13	.00	.00	—	—	—
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	—	—	—
7	.00	.00	.00	.03	.00	.00	.00	.00	.00	—	—	—
8	.00	.00	.00	.00	.00	.00	.15	.00	.00	—	—	—
9	.00	.00	.00	.00	.00	.08	1.51	.21	.00	—	—	—
10	.00	.00	.00	.00	.00	.89	.04	.00	.00	—	—	—
11	.00	.00	.09	.00	.00	.22	.04	.00	.07	—	—	—
12	.00	.00	.06	.00	.00	.00	.00	.00	.24	—	—	—
13	.00	.00	.05	.03	.00	.00	.03	.00	.28	—	—	—
14	.00	.00	.11	.21	.00	.00	.00	.00	.01	—	—	—
15	.00	.00	.00	.02	.00	.05	.03	1.85	.00	—	—	—
16	.00	.00	.00	.84	.00	.00	.00	.18	.00	—	—	—
17	.00	.00	.14	.00	.03	.00	.07	.19	.00	—	—	—
18	.00	.00	.09	.00	.14	.00	.00	.40	.00	—	—	—
19	.00	.00	.09	.03	.06	.00	.04	.01	.00	—	—	—
20	.00	.00	.03	.02	.58	.00	.00	.00	.07	—	—	—
21	.00	.00	.03	.00	.00	.00	.00	.00	.33	—	—	—
22	.00	.00	.00	.00	.03	.00	.00	.00	.10	—	—	—
23	.00	.00	.00	.00	.00	.14	.00	.23	.00	—	—	—
24	.00	.00	.00	.00	.00	.13	.00	.00	.00	—	—	—
25	.00	.00	.00	.00	.07	.40	.00	.00	.00	—	—	—
26	.00	.00	.00	.00	.28	.19	.00	.01	.00	—	—	—
27	.00	.00	.00	.00	.00	.20	.35	.09	.00	—	—	—
28	.00	.00	.00	.03	.00	.07	.22	.11	.00	—	—	—
29	.00	.00	.06	.00	.02	.00	.09	.00	.00	—	—	—
30	.00	—	.00	.00	.00	.18	.00	.02	.00	—	—	—
31	.00	—	.12	—	.00	—	.00	.00	—	—	—	—
Total	0.00	0.00	0.87	1.93	1.21	2.80	3.07	3.48	1.18	—	—	—

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G31, calendar year 1984												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.04	0.01	0.02	0.00	—
2	.00	.00	.00	.00	.00	.01	.00	.03	.00	.06	.00	—
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21	.00	—
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	—
5	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	—
6	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	—
7	.00	.00	.01	.00	.00	.00	.00	.29	.00	.00	.00	—
8	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	—
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
10	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	—
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
12	.00	.00	.00	.00	.00	.00	.00	.03	.00	.06	.00	—
13	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	—
14	.01	.00	.00	.00	.00	.00	.00	.00	.30	.00	.00	—
15	.03	.00	.00	.00	.00	.00	.00	.00	.00	.27	.00	—
16	.00	.00	.00	.00	.05	.00	.08	.00	.00	.00	.00	—
17	.03	.00	.00	.00	.00	.00	.24	.00	.00	.00	.18	—
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.12	—
19	.00	.00	.00	.00	.00	.22	.00	.03	.00	.07	.00	—
20	.00	.00	.00	.01	.00	.00	.00	.02	.00	.05	.00	—
21	.00	.00	.00	.00	.00	.00	.09	.00	.00	.04	.00	—
22	.00	.00	.00	.00	.00	.00	.00	.10	.00	.05	.00	—
23	.00	.00	.00	.00	.23	.00	.00	.12	.00	.00	.00	—
24	.00	.00	.00	.00	.00	.00	.00	.01	.00	.18	.08	—
25	.00	.00	.00	.00	.00	.09	.00	.00	.08	.01	.06	—
26	.00	.00	.22	.09	.00	.06	.00	.00	.38	.03	.00	—
27	.00	.00	.16	.00	.00	.00	.00	.00	.01	.00	.00	—
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
29	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	—
30	.00	—	.00	.00	.00	.00	.00	.00	.00	.00	.00	—
31	.00	—	.00	—	.00	—	.00	.00	—	.00	—	—
Total	0.07	0.00	0.39	0.17	0.28	0.65	0.49	0.75	0.78	1.13	0.44	—

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Continued

Gage G32, calendar year 1987												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	—	—	—	—	—	—	—	—	—	—	0.30	0.00
2	—	—	—	—	—	—	—	—	—	—	.00	.00
3	—	—	—	—	—	—	—	—	—	—	.00	.00
4	—	—	—	—	—	—	—	—	—	—	.00	.00
5	—	—	—	—	—	—	—	—	—	—	.05	.31
6	—	—	—	—	—	—	—	—	—	—	.00	.00
7	—	—	—	—	—	—	—	—	—	—	.00	.00
8	—	—	—	—	—	—	—	—	—	—	.00	.00
9	—	—	—	—	—	—	—	—	—	—	.00	.00
10	—	—	—	—	—	—	—	—	—	—	.00	.00
11	—	—	—	—	—	—	—	—	—	—	.00	.00
12	—	—	—	—	—	—	—	—	—	—	.00	.00
13	—	—	—	—	—	—	—	—	—	—	.00	.00
14	—	—	—	—	—	—	—	—	—	—	.00	.00
15	—	—	—	—	—	—	—	—	—	—	.05	.00
16	—	—	—	—	—	—	—	—	—	—	.01	.00
17	—	—	—	—	—	—	—	—	—	—	.00	.01
18	—	—	—	—	—	—	—	—	—	—	.00	.18
19	—	—	—	—	—	—	—	—	—	—	.00	.00
20	—	—	—	—	—	—	—	—	—	—	.00	.00
21	—	—	—	—	—	—	—	—	—	—	.00	.00
22	—	—	—	—	—	—	—	—	—	—	.00	.00
23	—	—	—	—	—	—	—	—	—	0.01	.00	.00
24	—	—	—	—	—	—	—	—	—	.02	.00	.00
25	—	—	—	—	—	—	—	—	—	.00	.00	.00
26	—	—	—	—	—	—	—	—	—	.00	.00	.00
27	—	—	—	—	—	—	—	—	—	.00	.00	.00
28	—	—	—	—	—	—	—	—	—	.00	.00	.00
29	—	—	—	—	—	—	—	—	—	.00	.00	.00
30	—	—	—	—	—	—	—	—	—	.26	.00	.00
31	—	—	—	—	—	—	—	—	—	.06	—	.00
Total	—	—	—	—	—	—	—	—	—	—	0.41	0.50

Table 41.—Daily rainfall, in inches, at nonwatershed gages within the Albuquerque area—Concluded

Gage G32, calendar year 1988												
Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
1	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00
2	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
5	.00	.00	.00	.00	.00	.04	.16	.00	.00	.01	.00	.00
6	.01	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00
8	.00	.00	.00	.00	.00	.00	.15	.00	.00	.00	.00	.00
9	.00	.00	.00	.00	.00	.00	.65	1.54	.00	.00	.00	.00
10	.00	.00	.00	.00	.00	.60	.01	.00	.00	.00	.00	.00
11	.00	.00	.00	.00	.00	.18	.00	.00	.30	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.00	.00	.32	.00	.00	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.82	.00	.00	.00
14	.00	.00	.00	.13	.00	.00	.00	.00	.02	.00	.00	.00
15	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.04	.00
16	.00	.00	.00	.78	.09	.00	.00	.12	.00	.00	.00	.00
17	.00	.00	.01	.00	.09	.00	.07	.11	.00	.00	.00	.00
18	.04	.00	.00	.00	.03	.00	.00	.00	.00	.04	.00	.00
19	.00	.00	.00	.00	.06	.00	.08	.00	.00	.00	.01	.00
20	.00	.00	.00	.00	.26	.00	.00	.00	.06	.00	.00	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.73	.00	.00	.00
22	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00
23	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00
24	.00	.00	.00	.01	.00	.00	.00	.73	.00	.00	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.13	.00	.00	.02	.00
26	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.05	.00
27	.00	.00	.00	.00	.00	.17	.09	.13	.00	.00	.00	.00
28	.00	.00	.00	.01	.00	.17	.54	.06	.00	.00	.00	.00
29	.00	.00	.00	.01	.00	.02	.34	.10	.00	.00	.00	.00
30	.00	—	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00
31	.00	—	.14	—	.00	—	.00	.01	—	.00	—	.00
Total	0.05	0.00	0.15	1.44	0.53	1.24	2.09	3.07	2.67	0.18	0.12	0.00