

***RAINFALL-RUNOFF DATA
IN THE
ALBUQUERQUE, NEW MEXICO,
METROPOLITAN AREA, 1976-83***

By Edward E. Fischer, John J. Rote, and John P. Borland

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and the
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WILLIAM P. CLARK, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
Water Resources Division
505 Marquette NW, Room 720
Albuquerque, New Mexico 87102

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CONVERSION FACTORS

In this report, figures for most measurements are given in inch-pound units. The following table contains factors for converting these units to the International System of units (SI).

<u>Multiply inch-pound units</u>	<u>by</u>	<u>to obtain SI units</u>
inch (in.)	2.54	centimeter (cm)
foot (ft)	0.3048	meter (m)
cubic foot per second (cu ft per sec)	0.02832	cubic meter per second (cu m per sec)
mile (mi)	1.609	kilometer (km)
square mile (sq mi)	2.590	square kilometer (sq km)

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ABSTRACT

Rainfall and discharge data from 13 flood-hydrograph stations in the Albuquerque, New Mexico, metropolitan area are presented. The period of record is from 1976, when the first two stations were installed, through 1983. The data include daily mean values for discharge for the period of record at each station, monthly rainfall totals, and selected rainfall-discharge unit values. Unit-value data are presented at 5-minute intervals; where there is more than one raingage in a drainage basin, the data from all the gages are presented together. Maps of the respective drainage basins are furnished.

INTRODUCTION

In the last decade, the City of Albuquerque, New Mexico, has become a major metropolitan area in the southwestern United States. Between 1970 and 1980, the city's population increased from just less than 245,000 to more than 331,000, an increase of more than 35 percent. The city has expanded 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. The geography of the region is semidesert, and the climate hot and dry. The average rainfall is less than 8 inches per year (National Oceanic and Atmospheric Administration, 1982). Ever since urbanization began, much of the precipitation in the area has found its way to the Rio Grande as surface runoff. In some instances, this surface runoff has caused flooding.

Purpose and Scope

Storm data used for the design of flood-control structures in Albuquerque and in modeling efforts have either been translated from other localities or postulated from existing weather records. Because of the lack of rainfall-runoff data, the U.S. Geological Survey, in cooperation with the City of Albuquerque and the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA), began a data-collection program in February 1976. This report is a presentation of the data collected through 1983.

Acknowledgments

The writers thank the personnel of the City of Albuquerque and the Metropolitan Arroyo Flood Control Authority for their support of this program. Mr. Richard Leonard, Executive Engineer for AMAFCA, has been especially supportive of this effort.

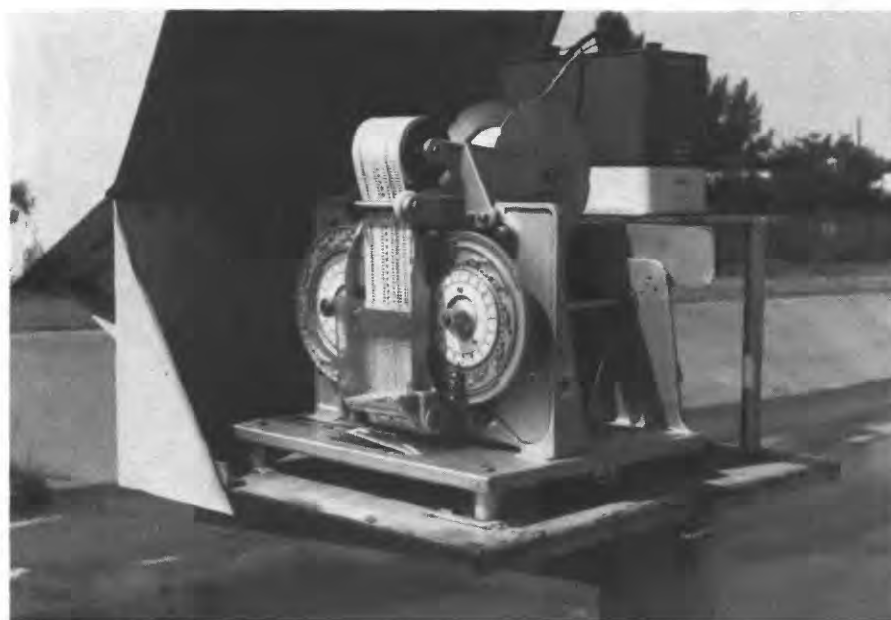
PROGRAM DESCRIPTION

Approach

Since program inception, 13 flood-hydrograph stations have been installed on natural and concrete-lined channels in the Albuquerque metropolitan area (fig. 1). A flood-hydrograph station consists of a streamflow-recording gage and a rainfall-recording gage. Two other stations also were installed but were later discontinued because of vandalism. Six of the stations measure runoff from undeveloped watersheds, six measure runoff from developed watersheds, and one measures runoff from a small watershed at the base of the mountains at the eastern edge of the city. The latter drainage basin has some residential development within it. A list of the stations, the year each was installed, the drainage area, and the extent of development within each drainage area are given in table 1. Detailed maps of the drainage basins are shown in figures 2 through 10.

Data-Collection Equipment

The stage recorder at each station is either a float-in-well type or a float-in-pipe type. The instruments record the instantaneous stream stage from which the discharge is later determined from an appropriate stage-discharge rating table. The recording medium is digital punches on paper tape; a typical digital paper-tape recorder is shown in photograph 1. Readings are taken every 5 minutes in order to obtain an accurate record of events because the runoff response time to rainfall is very quick. The stations are operated for 6 to 8 months each year when most of the rainstorms occur, generally from mid-April through November.



Photograph 1.--Digital paper-tape recorder

The raingage recorders at the stations are the float-in-pipe type with punched-paper-tape recorders. During the course of the program, additional raingages were installed in some of the drainage basins. Of the additional raingages, five are tipping-bucket gages equipped with electronic recorders capable of recording rainfall amounts at 1-minute intervals. The electronic

recorders represent a new step in state-of-the-art data collection; the experience with them has been good. A tipping-bucket raingage and electronic recorder are shown in photograph 2. A list of raingages, the associated drainage basins, and the raingage type are given in table 2; their locations are shown in figure 1.



Photograph 2.--Tipping-bucket raingage and electronic data recorder

Flood-Hydrograph Station and Raingage Identification

Each of the flood-hydrograph stations and supplemental raingages is identified by a unique number of 8 or 15 digits respectively. A raingage at the same location as a streamflow-gaging station is assigned the same number as the gaging station. A complete discussion of the makeup of these numbers is given in Water Resources Data for New Mexico, Water Year 1981 (U.S. Geological Survey, 1982). For this report, all the raingages are also assigned a reference number (G1, G2, etc.). The numbers are cross-referenced in table 2.

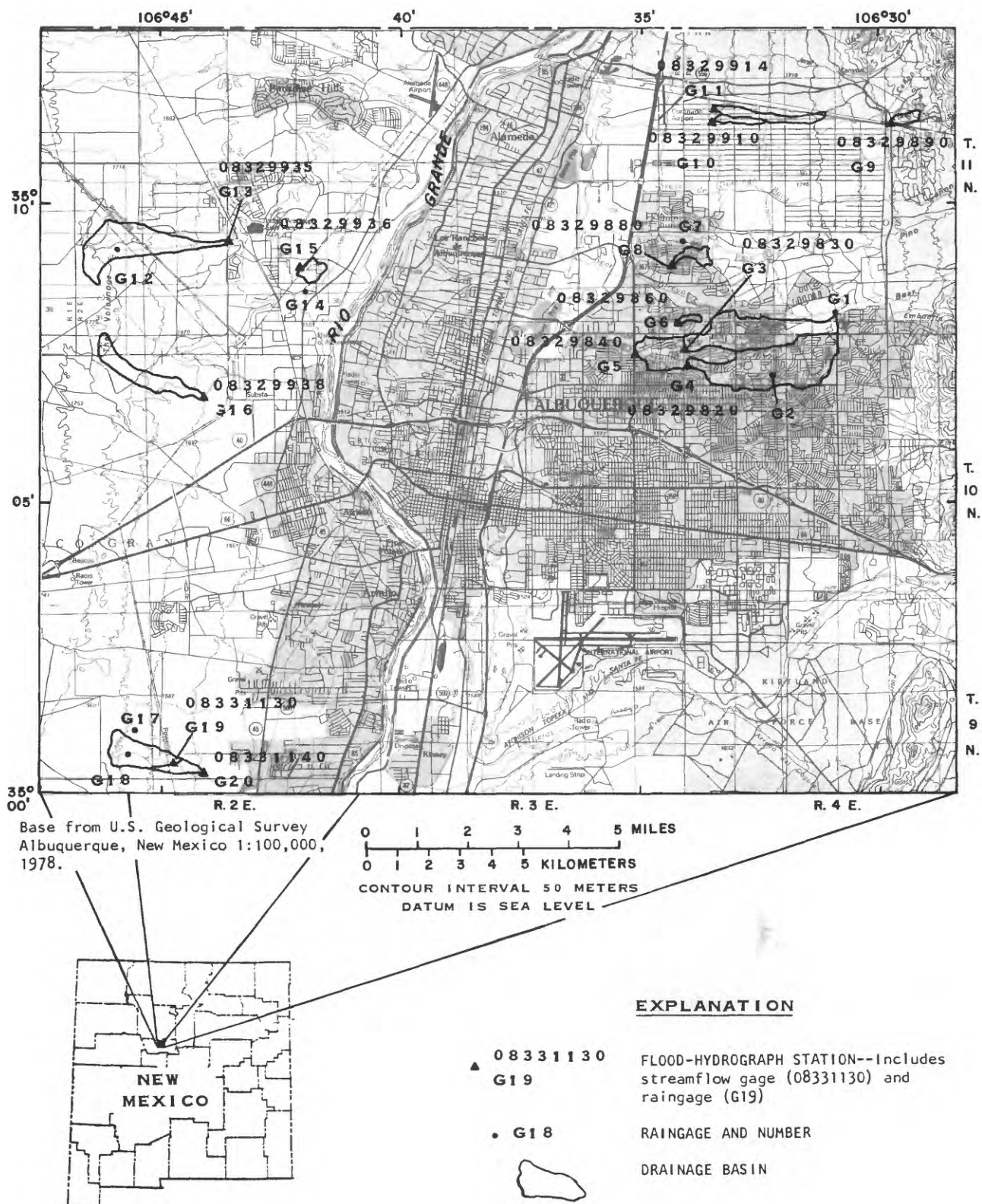


Figure 1.--Locations of surface-water gaging stations and raingages in the Albuquerque Urban Hydrology Project.

Table 1. List of flood-hydrograph stations, year each was installed, drainage areas, and the extent of development within the drainage areas of flood-hydrograph stations

Station number	Name	Date installed	Drainage area (sq mi)	Extent of development
08329820	South Fork Hahn Arroyo at Albuquerque	1978	2.03	85%-95% residential and commercial
08329830	North Fork Hahn Arroyo at Albuquerque	1979	1.51	85%-95% residential and commercial
08329840	Hahn Arroyo at Albuquerque	1978	4.35	85%-95% residential and commercial
08329860	Villa del Oso Drain at Albuquerque	1976	0.052	100% residential
08329880	Academy Acres Drain at Albuquerque	1976	0.124	85%-95% residential
08329890	La Cueva Arroyo Tributary near Albuquerque	1977	0.090	5%-20% low density residential
08329910	Camino Arroyo Tributary near Albuquerque	1979	0.89	Undeveloped
08329914	North Camino Arroyo Tributary near Albuquerque	1979	0.21	Undeveloped
08329935	Arroyo 19A at Albuquerque	1977	1.42	Undeveloped
08329936	Taylor Ranch Drain at Albuquerque	1978	0.136	80%-90% residential
08329938	Ladera Arroyo at Albuquerque	1981	0.87	Undeveloped
08331130	North Pajarito Arroyo near Albuquerque	1979	0.57	Undeveloped
08331140	North Pajarito Arroyo at Grant Boundary near Albuquerque	1979	0.79	Undeveloped

Table 2. List of raingages, associated drainage basins, and type of gage

Reference number	ID number	Drainage basin	Type of raingage
G1	350756106305430	Hahn Arroyos	Tipping bucket
G2	350708106321930	Hahn Arroyos	Tipping bucket
G3	08329830	Hahn Arroyos	Float in pipe
G4	08329820	Hahn Arroyos	Float in pipe
G5	08329840	Hahn Arroyos	Float in pipe
G6	08329860	Villa del Oso Drain	Float in pipe
G7	350927106340430	Academy Acres Drain	Tipping bucket
G8	08329880	Academy Acres Drain	Float in pipe
G9	08329890	La Cueva Arroyo Tributary	Float in pipe
G10	08329910	Camino Arroyo Tributary	Float in pipe
G11	08329914	North Camino Arroyo Trib.	Float in pipe
G12	350912106455630	Arroyo 19A	Tipping bucket
G13	08329935	Arroyo 19A	Float in pipe
G14	350843106415830	Taylor Ranch Drain	Tipping bucket
G15	08329936	Taylor Ranch Drain	Float in pipe
G16	08329938	Ladera Arroyo Tributary	Float in pipe
G17	350102106454430	North Pajarito Arroyo	Float in pipe
G18	350038106455330	North Pajarito Arroyo	Float in pipe
G19	08331130	North Pajarito Arroyo	Float in pipe
G20	08331140	North Pajarito Arroyo	Float in pipe

DATA FORMAT

The data for each station are presented in tables 3 through 15. One or more photographs of the gaging station are included within each table. They are included as graphic reinforcements of the station descriptions. A general description of the information provided in each table is furnished below.

Station Description

Each table begins with a station description. Explanation of terms used in the station description can be found in Water Resources Data for New Mexico, Water Year 1981 (U.S. Geological Survey, 1982).

Daily Mean Discharge

The daily mean discharge for each period of record is presented next. The calendar year was chosen for reporting the data because it encompasses the annual rainstorm season for the Albuquerque area from April through November. The daily mean discharge is computed from (1) the average of the instantaneous gage heights obtained in a 24-hour period starting at midnight, and (2) the appropriate rating table. Several of the stations in the developed areas recorded numerous minor flows that clearly were not rainfall related (city water-well releases, runoff from lawn watering, car washing, etc). These "nuisance" flows were not included in any determinations of daily values. An asterisk (*) beside a daily mean value indicates that unit values for a storm during that day are furnished in this report.

Monthly Rainfall Totals

Monthly rainfall totals for the period of record in each year are presented after the respective daily mean-discharge values. The values are for the rainfall recorded at the flood-hydrograph station.

Selected Rainfall-Discharge Unit-Value Data

Unit-value data for selected rainfall-runoff events are furnished after the respective daily mean discharge value and monthly rainfall values. The criteria for selecting unit values for this report were governed largely by the quality of the data. Missing or unresolvable record for either rainfall or discharge was the primary reason for not including particular storms.

Unit values are reported in 5-minute intervals. The unit-rainfall values represent the amount of rainfall since the preceeding 5-minute interval. The unit values for discharge represent the instantaneous discharge. Where there is more than one raingage in or near a drainage basin, the data from the gages are listed together. Each raingage is identified in the unit-value tables by its G-number, mentioned previously.

REFERENCES CITED

- Bohannon-Huston, Inc., 1981, Map of metropolitan Albuquerque, Bernalillo County, New Mexico: Prepared by Bohannon-Huston, Inc., for the City of Albuquerque and the the Albuquerque Metropolitan Arroyo Flood Control Authority, topographic orthophoto maps, scale 1:6000, 49 sheets.
- National Oceanic and Atmospheric Administration, 1982, Climatological data annual summary, New Mexico, 1982: vol. 86, no. 13, 29 p.
- U.S. Geological Survey, 1982, Water resources data for New Mexico, Water Year 1981: U.S. Geological Survey Water-Data Report NM-81-1, 704 p.

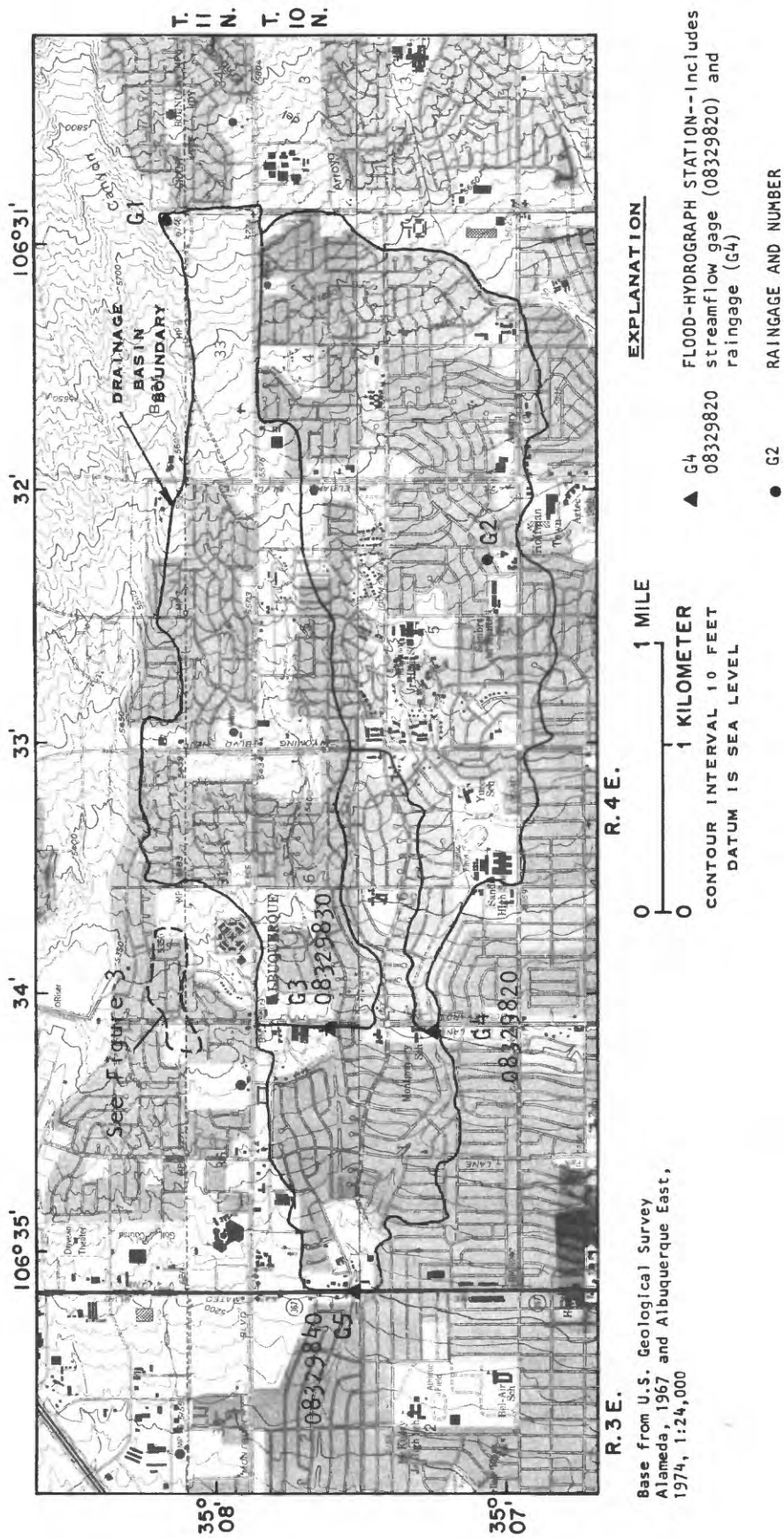


Figure 2.--Drainage basins for South Fork Hahn Arroyo (08329820), North Fork Hahn Arroyo (08329830), and Hahn Arroyo (08329840).

Table 3.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820), 1978-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 07 min 16 sec, long 106 deg 34 min 06 sec, in NE1/4 SE1/4 sec. 1, T.10 N., R.3 E., Bernalillo County, Hydrologic Unit 13020203, near center of concrete lined channel on downstream side of Louisiana Blvd bridge, 900 ft (274 m) south of Comanche Rd, and 1,700 ft (518 m) north of Candelaria Rd, in Albuquerque.

DRAINAGE AREA.--2.03 sq mi (5.26 sq km).

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

GAGE.--Water-stage recorder and concrete lined channel. Altitude of gage is 5,298 ft (1,614.83 m), from topographic orthophoto map.

REMARKS.--Records fair. Recording rain gage at station; 2 additional recording rain gages installed within drainage basin subsequent to station startup. Drainage basin delineation is complicated by storm sewers which carry water into the basin. Development is predominantly residential with some commercial areas. Most low flows are nuisance flows (not rainfall related).

STAGE-DISCHARGE RELATION.--Rating developed on basis of step-backwater analysis of concrete lined stream channel and 4 discharge measurements at low flows.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 478 cu ft per sec (13.5 cu m per sec) Aug. 14, 1980 and Aug. 1, 1982, gage height, 1.84 ft (0.561 m); no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1978, 200 cu ft per sec (5.66 cu m per sec) Nov. 3, gage height, 1.52 ft (0.463 m); no flow most of the time.

Calendar year 1979: Maximum discharge, 435 cu ft per sec (12.3 cu m per sec) Aug. 15, gage height, 1.80 ft (0.549 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 478 cu ft per sec (13.5 cu m per sec) Aug. 14, gage height, 1.84 ft (0.561 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 292 cu ft per sec (8.27 cu m per sec) Aug. 5, gage height, 1.65 ft (0.503 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 478 cu ft per sec (13.5 cu m per sec) Aug. 1, gage height, 1.84 ft (0.561 m); no flow most of the time.

Calendar year 1983: Maximum discharge, 181 cu ft per sec (5.13 cu m per sec) July 31, gage height, 1.49 ft (0.454 m); no flow most of the time.



Photograph 3.--South Fork Hahn Arroyo (08329820). Direction of view is upstream.

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1976 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0	0	0
2						---	0	0	0	0	0	0
3						---	0	1.7(*)	0	0	3.1(*)	0
4						---	0	1.7	0	0	0	0
5						---	0	0	0	0	0	0
6						---	0	0	0	0	0	0
7						---	0	0	0	0	0	0
8						---	0	0	0	0	0	0
9						---	0	0	0	0	0	---
10						---	.31	0	0	0	0	---
11						---	0	0	0	0	7.3	---
12						---	0	0	0	0	0	---
13						---	.56	0	0	0	0	---
14						---	6.3	0	0	0	0	---
15						---	1.5	0	0	0	0	---
16						---	0	0	.30	0	0	---
17						---	0	0	2.5	0	0	---
18						---	0	0	0	0	0	---
19						0	2.7	13(*)	0	0	0	---
20						0	8.2(*)	.36	0	0	0	---
21						0	0	0	0	14(*)	0	---
22						0	4.4(*)	.70	0	0	0	---
23						0	0	0	0	0	0	---
24						0	0	0	1.6	0	1.6	---
25						0	0	0	0	3.9	1.4	---
26						0	0	0	0	0	0	---
27						0	0	0	0	0	0	---
28						0	0	0	0	0	0	---
29						13(*)	0	.25	0	0	0	---
30						0	0	0	0	0	0	---
31						---	0	0	---	0	---	---
TOTAL						---	23.97	17.71	4.40	17.90	13.40	---
AC-FT						---	46	35	8.7	36	27	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.65	0.42	1.86	0.50	1.09	1.12	0.00

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 29, 1978

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4			Gage 4	
0210	0.02	0	0530	0.01	85
15	.02	0	35		85
20	.02	0	40	.01	85
25	.01	0	45		80
0230	.02	14	50		75
35	.01	33	55		62
40		27	0600	.01	50
45	.02	30	05		43
50	.01	33	10		40
55	.03	37	15		37
0300	.03	40	20		37
05	.01	40	25		43
10	.02	43	0630		43
15	.03	43	35		40
20	.02	47	40	.01	40
25	.02	54	45		40
0330	.02	66	50		37
35	.02	66	55		37
40	.02	75	0700		37
45	.03	90	05		37
50	.02	110	10		37
55	.02	110	15		33
0400	.02	130	20		33
05	.01	130	25		30
10	.02	105	0730		27
15	.01	105	35		27
20	.01	90	40		30
25	.01	80	45		30
0430		80	50		27
35		75	55		21
40	.02	75	0800		21
45	.01	70	05		19
50		62	10		19
55	.01	50	15		16
0500	.01	40	20		16
05	.02	37	25		14
10	.01	37	0830		14
15	.02	37	35		0
20	.01	47			
25	.01	70			
			TOTAL:	0.66	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

JULY 20, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	4	second		4	second
-----			-----		
1730	0.02	0	1930		43
35	.03	0	35		43
40	.02	0	40		40
45	.03	0	45		37
50	.01	140	50		37
55	.01	145	55		33
1800	.01	145	2000		33
05	.01	135	05		30
10	.01	135	10		27
15		115	15		24
20	.01	105	20		21
25	.01	100	25		19
1830	.02	85	2030		16
35	.01	95	35		14
40		90	40		14
45		90	45		14
50		85	50		14
55		80	55		14
1900		70	2100		0
05		62	-----		
10		54	TOTAL:	0.20	-
15		54			
20		50			
25		47			

JULY 22, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	4	second		4	second
-----			-----		
1805	0.02	0	1900		40
10	.02	0	05		37
15	.07	0	10		33
20		0	15		30
25		62	20		27
1830	.02	54	25	0.01	24
35		58	1930		21
40	.01	66	35		19
45		62	40		16
50		50	45		14
55		47	50		0

			TOTAL:	0.15	-

JULY 22, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	4	second		4	second
-----			-----		
2205	0.01	0	2300		37
10		0	05		33
15		0	10		30
20		30	15		27
25	.01	54	20		24
2230		58	25		21
35		58	2330		21
40		50	35		19
45		43	40		16
50		40	45		14
55		40	50		0

			TOTAL:	0.02	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 3, 1978

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4			Gage 4	
1630	0.13	0	1700		70
35	.39	0	05	0.01	58
40	.12	70	10		40
45	.04	62	15		21
50		33	20		0
55		125			
			TOTAL:	0.69	-

AUGUST 19, 1978

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4			Gage 4	
1805	0.01	0	2130	0.01	75
10	.02	0	35	.02	90
15		0	40		95
20	.01	0	45	.02	95
25		0	50	.02	100
1830	.01	0	55	.02	100
35		0	2200	.03	100
40		0	05	.02	105
45		0	10	.02	105
50		0	15	.02	110
55		0	20	.02	115
1900	.01	0	25	.02	110
05		0	2230	.02	110
10		0	35	.02	110
15		0	40	.01	115
20		0	45	.02	115
25		0	50		110
1930		0	55	.01	115
35		0	2300	.01	100
40	.02	0	05	.01	100
45	.01	0	10	.01	90
50	.01	0	15	.01	85
55	.02	0	20		75
2000	.02	0	25	.01	70
05	.02	0	2330	.01	66
10	.02	50	35		62
15	.01	75	40		58
20	.01	85	45		54
25	.01	80	50		43
2030	.01	85	55		33
35	.01	85	2400		33
40	.01	80			
45	.01	70			
50	.01	70			
55	.01	62			
2100	.01	66			
05	.01	62			
10	.01	66			
15	.01	62			
20	.01	66			
25	.02	70			
			TOTAL:	0.70	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

OCTOBER 21, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	4	second		4	second
-----			-----		
1005	0.01	0	1400		58
10		0	05		58
15		0	10		58
20		0	15		54
25		0	20		47
1030		0	25		40
35	.01	0	1430		33
40	.01	0	35		30
45	.01	0	40		24
50	.01	0	45		19
55		0	50		16
1100		0	55		14
05		0	1500		0
10	.01	0	05		0
15	.01	0	10		0
20	.02	0	15		0
25	.01	0	20		0
1130	.02	0	25	0.04	0
35	.02	0	1530	.09	0
40	.01	0	35	.07	0
45		0	40	.04	0
50		0	45	.02	19
55		115	50	.02	54
1200		120	55	.02	125
05		120	1600	.02	115
10	.01	120	05	.01	62
15	.02	125	10		50
20	.01	120	15	.01	62
25	.01	120	20		135
1230	.01	120	25		130
35	.01	115	1630		105
40		115	35		70
45		120	40		66
50		120	45		40
55		120	50		33
1300		120	55		30
05		110	1700		21
10		95	05		14
15	.01	80	10		0
20	.01	70	-----		
25		62	TOTAL:	0.59	-
1330		47	-----		
35		47			
40	.01	43			
45		47			
50		54			
55		58			

NOVEMBER 3, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	4	second		4	second
-----			-----		
0625		0	0700		27
0630		145	05		19
35		200	10		0
40		200	-----		
45		125	TOTAL:	0.00	-
50		115	-----		
55		43			

NOTE.--Rainfall unit values record lost (event was peak for the year)

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	1.3	0	0	0	0		
2				---	0	1.2	0	0	0	0		
3				---	2.5(*)	0	0	0	0	0		
4				---	0	1.6	0	0	0	0		
5				---	0	0	0	0	0	0		
6				---	0	0	0	0	0	0		
7				---	0	0	1.3	4.9	0	0		
8				---	0	25(*)	0	0	0	0		
9				---	.05	0	0	1.6	0	0		
10				---	0	0	0	1.2	0	0		
11				---	0	0	0	0	0	0		
12				---	0	0	0	0	0	0		
13				---	0	0	0	0	0	0		
14				---	0	0	0	4.4(*)	0	0		
15				---	0	0	0	30(*)	0	0		
16				---	0	0	5.0	8.3(*)	0	0		
17				---	0	0	11	0	0	0		
18				---	0	0	1.8	0	0	0		
19				---	0	0	0	0	0	0		
20				---	8.7(*)	0	0	0	0	0		
21				---	1.3	0	0	0	.19	2.0		
22				---	0	0	0	0	0	0		
23				---	0	0	0	0	0	0		
24				---	0	0	0	0	0	0		
25				---	3.7	0	0	0	0	0		
26				---	0	0	0	0	0	0		
27				---	0	0	0	0	0	0		
28				0	0	0	0	0	0	0		
29				0	0	0	0	0	0	0		
30				.39	0	0	0	.86	0	0		
31				---	0	---	0	0	---	---		
TOTAL				---	10.25	29.10	19.10	51.26	.19	---		
AC-FT				---	32	58	38	102	.4	---		

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.05	1.85	1.11	0.97	1.70	0.42	0.29		

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 3, 1979

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage 4		Time	Gage 4	
1225			1330	0.01	54
1230			35		62
35			40	.02	75
40			45	.01	66
45	0.01		50		54
50	.01		55		47
55	.04		1400		37
1300	.05		05		30
05	.04		10		21
10	.04		15		14
15	.02		20		0
20	.01				
25	.01				
			TOTAL:	0.27	-

MAY 20, 1979

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Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

JUNE 8, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4			Gage 4	
0515	0.01	0	0830		0
20	.01	0	35		0
25		0	40	0.01	0
0530		0	45		0
35		0	50		0
40		47	55		0
45		50	0900		0
50		47	05		0
55		47	10	.01	0
0600		40	15		0
05		30	20		14
10		21	25	.01	16
15		16	0930		16
20		14	35	.01	16
25		0	40	.01	16
0630		0	45	.01	16
35		0	50		66
40		0	55		66
45		0	1000		66
50		0	05	.02	58
55		0	10	.05	54
0700		0	15	.03	62
05		0	20		66
10		0	25		66
15		0	1030		58
20		0	35		54
25		0	40		50
0730		0	45		47
35		0	50		43
40		0	55		37
45		0	1100		30
50		0	05		27
55		0	10		21
0800		0	15		19
05		0	20		16
10	.01	0	25		14
15		0	1130		0
20		0			
25		0	TOTAL:	0.19	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329320) -- Continued

JUNE 8, 1979

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 4	feet per second		Gage 4	feet per second
-----			-----		
1330	0.04	0	1800	0.03	33
35	.02	0	05	.01	33
40		0	10	.01	50
45		0	15	.02	70
50		0	20	.01	80
55		27	25	.01	90
1400		37	1830	.02	90
05	.01	40	35	.02	100
10	.01	37	40	.02	105
15		33	45	.02	90
20	.02	27	50	.02	115
25	.01	24	55	.01	125
1430	.01	24	1900	.02	125
35		37	05	.02	125
40		53	10	.01	125
45	.01	70	15	.01	125
50		66	20	.02	125
55	.01	66	25	.02	125
1500		66	1930	.01	125
05		62	35	.01	120
10		58	40		120
15		54	45	.01	125
20		54	50		120
25		54	55		115
1530		50	2000		90
35	.01	47	05		75
40	.01	43	10		70
45		37	15		66
50	.01	33	20		58
55		33	25		54
1600	.01	50	2030		50
05	.01	62	35	.01	43
10		66	40		37
15		66	45		33
20		62	50		30
25	.01	58	55		27
1630	.01	58	2100		27
35	.01	50	05		24
40	.02	50	10		21
45	.01	50	15	.01	19
50	.02	58	20		16
55	.01	70	25		14
1700	.02	75	2130		14
05	.01	80	35		0
10		80	-----		
15		75	TOTAL:	0.70	-
20	.01	70	-----		
25		70			
1730	.01	66			
35		58			
40		54			
45		43			
50	.01	43			
55	.01	37			

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 14, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	4	feet per	Time	4	feet per
-----			-----		
1620	0.01	0	1930		0
25	.12	0	35		0
1630	.04	50	40		0
35		85	45	0.01	0
40	.01	85	50		0
45	.01	85	55	.01	0
50		75	2000	.01	0
55		75	05	.01	0
1700	.01	70	10		0
05		54	15		16
10		50	20		19
15		47	25	.01	24
20		43	2030		27
25		33	35		27
1730		30	40		27
35		27	45		27
40		24	50		24
45		21	55		21
50		19	2100	.01	21
55		16	05		19
1800		16	10		19
05		14	15		16
10		0	20		16
15		0	25		16
20		0	2130		16
25		0	35		14
1830		0	40		0
35		0	-----		
40		0	TOTAL:	0.30	-
45		0			
50		0			
55		0			
1900	.01	0			
05	.02	0			
10	.01	0			
15		0			
20		0			
25		0			

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 14, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 4		Time	Gage 4	
-----			-----		
2350	0.01	0	0430	0.02	125
55		0	35	.01	125
2400		0	40	.01	120
05	.01	0	45		120
10	.01	0	50		110
15		0	55		105
20	.01	0	0500		85
25		0	05	.01	70
0030		0	10	.01	58
35		0	15	.01	54
40		27	20		47
45		33	25	.01	43
50		33	0530		37
55		33	35		33
0100		27	40		33
05		24	45	.01	37
10		21	50		37
15		19	55	.01	40
20		19	0600		40
25	.01	16	05		40
0130		14	10	.01	40
35	.01	14	15		47
40	.01	0	20		43
45		0	25	.02	40
50	.01	0	0630	.01	40
55		0	35	.01	47
0200		0	40	.01	47
05		54	45	.01	62
10	.01	80	50		80
15	.01	80	55	.01	90
20	.02	85	0700	.01	95
25	.02	90	05		105
0230	.02	90	10	.01	100
35	.02	105	15		100
40	.02	110	20	.01	75
45	.02	115	25		70
50	.01	120	0730		62
55	.02	125	35		54
0300	.02	125	40		43
05	.02	125	45		37
10	.02	125	50		33
15	.01	120	55		30
20		120	0800		24
25	.01	120	05		21
0330	.02	115	10		21
35	.01	85	15		19
40	.01	75	20		19
45		75	25		19
50	.01	90	0830		16
55	.02	120	35		16
0400	.02	120	40		16
05	.01	120	45		16
10	.01	115	50		19
15	.01	115	55		16
20	.01	115	0900		14
25	.01	120	05		0
-----			-----		
TOTAL:			0.68 -		

Table 3.--SOUTH FORK MAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 15, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4	
1540	0.01	0
45	.01	0
50	.01	0
55		277
1600	.01	435
05		404
10	.02	270
15	.02	130
20	.02	125
25	.01	115
1630	.01	70
35	.01	80
40		80
45		66
50		62
55		54

	Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 4	
1700		33
05		30
10		24
15		19
20		14
25		0
1730		0
35		0
40		21
45		16
50		0
TOTAL:	0.13	-

AUGUST 16, 1979

	Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 4	
1920		0
25		85
1930		130
35		181
40		156
45		213
50		193
55	0.01	145
2000		120
05		125
10		125
15		125
20		120
25		120
2030		105
35		80
40		70
45		58
50		40
55		33

	Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 4	
2100		30
05		30
10		27
15		21
20		19
25		16
2130		14
35		14
40		0
TOTAL:	0.01	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	.69	0	0	0	
3			---	0	.50	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	4.6	0	0	
6			---	0	0	0	0	0	10(*)	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	.12	0	0	0	.88	0	0	
9			---	0	0	.18	0	0	20(*)	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	2.5	0	0	
12			---	0	0	0	0	0	0	0	0	
13			0	0	0	0	0	0	0	0	0	
14			0	0	2.2	0	0	64(*)	0	0	0	
15			0	0	0	0	0	0	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			0	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	
21			0	0	0	0	1.3	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	.96(*)	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	.17	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	1.0	0	0	
29			0	0	0	0	0	0	0	0	---	
30			0	0	0	0	.37	0	0	0	---	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	.96	2.82	.18	1.67	64.69	38.98	.17	---	
AC-FT			---	1.9	5.6	.4	3.3	128	77	.3	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.30	0.39	0.71	0.03	0.58	2.31	2.01	0.09	0.27	

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329320) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

APRIL 24, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 4			Gage 4	
1710	0.01	0	1900	0.02	0
15		0	05	.01	0
20	.01	0	10	.02	0
25		0	15	.02	0
1730	.01	0	20	.01	0
35	.01	0	25		50
40		0	1930	.01	54
45	.02	0	35	.01	54
50	.01	0	40	.01	54
55	.02	0	45		50
1800	.01	0	50	.01	14
05	.01	0	55		0
10	.01	0			
15	.01	0	TOTAL:	0.33	-
20		0			
25	.01	0			
1830	.01	0			
35	.01	0			
40		0			
45	.02	0			
50	.01	0			
55	.02	0			

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 14, 1980

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
0310	0.02		0	0630	0.01	0.01	200
15	.09		0	35	.01		200
20	.16		0	40	.01	.01	200
25	.02		130	45	.02	.01	200
0330	.04	0.01	193	50	.03	.02	200
35	.14	.01	207	55	.03	.02	200
40	.11	.01	193	0700	.02	.02	200
45	.23		255	05	.01	.02	200
50	.28		336	10	.01	.02	200
55	.21	.05	374	15	.02	.02	200
0400	.11	.10	394	20	.01	.01	200
05	.04	.06	318	25	.01	.01	200
10	.15	.10	394	0730	.02	.01	200
15	.26	.12	467	35	.04	.01	200
20	.04	.12	285	40	.02	.02	200
25	.01	.16	445	45	.04	.02	200
0430	.08	.15	478	50	.06	.02	200
35	.15	.14	478	55	.02	.01	200
40	.14	.11	384	0800	.01	.02	200
45	.11	.11	404	05	.01	.01	200
50	.09	.11	374	10	.01		200
55	.05	.12	364	15		.01	200
0500	.03	.06	327	20	.01	.01	200
05	.02	.04	355	25	.01	.01	200
10	.01	.04	435	0830	.01	.01	200
15	.02	.02	394	35	.01	.01	200
20	.01	.01	374	40			200
25	.01	.02	200	45	.01	.01	200
0530	.01	.01	200	50			200
35		.01	200	55			200
40			200	0900			200
45		.01	200	05			200
50			200	10			200
55	.01		200	15			200
0600	.01		200	20			200
05	.04		200	25			200
10	.06	.01	200	0930			200
15	.06		200	35			135
20	.06		200	40			0
25	.04	.01	200				
				TOTALS:	3.34	2.06	-

NOTE.--Gage silted in after 0520 hours

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SEPTEMBER 6, 1980

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
0330			0	0700			50
35			14	05			58
40			14	10			54
45			19	15			54
50			19	20			58
55			19	25			58
0400			19	0730			62
05			19	35			62
10			16	40	0.01	0.01	66
15			16	45		.01	66
20			16	50	.01	.01	66
25			14	55	.02		66
0430			0	0800	.01	.01	54
35			0	05	.01		54
40			0	10	.01	.01	47
45	3.01	0.01	0	15	.01	.01	37
50		.01	0	20		.01	37
55			0	25	.01	.01	33
0500			0	0830	.01	.01	27
05		.01	0	35	.01	.01	27
10	.01		0	40	.01	.01	27
15			0	45			24
20			0	50	.01	.01	21
25			0	55	.01	.01	21
0530			0	0900	.02		19
35			0	05	.01	.01	19
40			0	10	.01	.01	16
45			0	15	.01	.01	16
50			0	20		.01	14
55			0	25	.01		0
0600			0	0930		.01	0
05			0				
10			0	TOTALS:	0.22	0.21	-
15			0				
20			0				
25			0				
0630			43				
35			66				
40			66				
45			66				
50			58				
55			54				

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SEPTEMBER 9, 1980

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
0520	0.01	0.01	0	1200	0.01	0.01	62
25	.01		0	05		.01	75
0530	.01		0	10	.01	.01	70
35			0	15	.01	.01	66
40			0	20	.01		62
45	.01		0	25	.01	.01	70
50	.01		0	1230	.01	.01	60
55		.01	0	35		.01	66
0600	.01		0	40	.01		60
05	.01	.01	14	45		.01	66
10	.01	.01	21	50		.01	62
15	.01		30	55	.01	.01	62
20	.01	.01	37	1300		.01	58
25			47	05	.01		54
0630		.01	47	10		.01	54
35	.01		50	15			47
40			47	20			50
45			37	25			43
50			37	1330		.01	37
55			27	35	.01	.02	30
0700	.01		24	40	.03	.01	30
05	.01	.01	21	45			30
10			16	50	.01	.01	33
15	.01		16	55			40
20			21	1400	.01	.01	50
25	.01		21	05			58
0730	.01		24	10			62
35		.01	27	15	.01		54
40			24	20		.01	54
45			27	25			54
50			30	1430			43
55			30	35			37
0800			30	40			27
05			24	45			27
10			21	50			24
15			19	55			19
20			16	1500			16
25		.01	14	05			16
0830		.01	0	10			14
35			0	15	.02	.01	0
40			0	20			0
45			0	25			0
50			0	1530	.02	.01	0
55			0	35	.01	.01	0
0900			0	40	.01	.01	0
05	.01		0	45	.01	.01	16
10			0	50	.01	.01	24
15		.01	0	55		.01	40
20	.01	.01	0	1600	.01	.01	50
25	.02	.01	0	05	.01	.01	54
0930	.02	.01	0	10		.01	54
35		.01	0	15	.01		54
40	.01		0	20	.01	.01	58
45		.01	33	25	.01	.01	58
50	.01		50	1630			54
55			54	35		.01	54
1000			50	40			47
05			50	45			47
10			43	50			43
15		.01	40	55			40
20	.01		33	1700			30
25	.01	.01	30	05	.01		27
1030			24	10			24
35	.01	.01	21	15			21
40			21	20	.01		19
45	.01		24	25			19
50	.01		19	1730			16
55	.01	.01	21	35	.01		16
1100	.02		27	40			16
05	.01	.01	43	45			19
10	.02	.01	54	50		.01	16
15	.01		60	55			16
20	.01	.01	66	1800			16
25	.01	.01	70	05			14
1130	.01		66	10			14
35		.01	58	15			0
40	.01	.01	62				
45	.01	.01	66				
50	.01	.01	58				
55	.01	.01	66				
				TOTALS:	0.75	0.60	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	.27	0	6.7(*)	0	0	.68(*)	0	
2				---	1.6	0	0	0	0	11(*)	0	
3				---	0	1.6	0	0	0	12(*)	0	
4				---	0	0	0	2.3	0	0	0	
5				---	0	0	0	8.0(*)	7.8(*)	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	4.4	4.5	0	0	0	
8				0	0	0	0	0	0	0	0	
9				0	0	0	0	.32	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	11	0	0	0	
12				0	0	0	0	0	0	0	0	
13				2.3	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0(*)	0	2.7	0	.06	0	0	
16				0	6.8(*)	0	0	.86	0	0	0	
17				0	0	0	0	4.2	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	9.8	0	0	0	
21				0	0	0	0	.18	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.50	0	0	0	0	---	
26				0	0	0	.15	0	0	0	---	
27				0	0	1.5	0	.49	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	1.1	1.8	0	0	0	0	---	
30				0	0	1.4	0	0	0	0	---	
31				---	0	---	2.4	0	---	0	---	
TOTAL				---	9.77	6.80	16.35	41.65	7.86	23.68	---	
AC-FT				---	19	13	32	83	16	47	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.25	0.97	0.60	1.43	1.74	0.45	1.21	0.03	

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 15, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
2205			0	0100	0.01	0.01	90
10	0.01		0	05			80
15	.03		0	10			62
20	.02		0	15		.01	50
25			0	20	.01		40
2230			0	25	.01	.01	37
35	.01		0	0130		.01	33
40			0	35	.01	.01	33
45			0	40	.01	.01	33
50	.01		0	45	.01		37
55			0	50		.01	43
2300			0	55	.01		43
05	.01		0	0200			43
10			0	05			43
15		0.01	0	10			37
20			0	15			33
25	.02		0	20			30
2330	.01	.01	0	25			27
35	.01		0	0230		.01	24
40	.01		14	35			21
45			16	40			19
50	.01		24	45			16
55	.02	.01	30	50			14
2400	.01	.01	33	55			0
05	.01	.01	37	TOTALS:	0.48	0.38	-
10	.02	.01	40				
15	.01	.03	43				
20	.02	.02	47				
25	.02	.03	54				
0030	.03	.02	54				
35	.03	.05	58				
40	.04	.04	110				
45	.03	.02	105				
50	.01	.02	110				
55	.01	.01	105				

MAY 16, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
1050			0	1130			21
55	0.03		0	35			19
1100	.02	0.02	0	40			16
05		.02	14	45			0
10			24	TOTALS:	0.05	0.04	-
15			37				
20			37				
25			30				

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

JULY 1, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0620		0.02	0
25			0
0630			0
35			0
40			0
45		.05	0
50		.04	0
55	0.01	.02	0
0700			0
05	.02	.01	19
10	.03		37
15	.02		54
20	.01		75
25			66
0730			66
35			62
40			50
45			43
50		.01	37
55	.01	.03	33
0800		.01	27
05	.01	.01	24
10	.01	.01	24
15	.04		33
20	.01	.01	62
25	.02	.01	66

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0830	0.01	0.01	66
35	.01		80
40	.01		70
45	.01		70
50			70
55			54
0900			50
05			43
10			33
15			30
20			27
25			24
0930			21
35			21
40			19
45			16
50			14
55			0
1000			0
05			0
10			14
15		.01	0
TOTALS:	0.23	0.25	-

JULY 1, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1310		0.11	0
15		.21	0
20		.10	0
25		.01	16
1330			0
35	0.01	.01	0
40			16
45			14
50	.01		21
55			43
1400			40
05			40
10			37
15			33
20			30
25			24

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1430			21
35			19
40			19
45			16
50			14
55			0
TOTALS:	0.02	0.44	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 5, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1800	0.03		0
05	.08		0
10	.10		0
15	.09		0
20	.15		115
25	.15		150
1830	.05		262
35	.01		255
40	.01		292
45			200
50			135
55			120
1900			120
05			115
10			85
15			70
20			66
25			58

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1930			47
35			37
40			30
45			24
50			21
55			19
2000			16
05			16
10			14
15			14
20			14
25			0

TOTALS: 0.67 0.00 -

NOTE.--Record lost at raingage 4

SEPTEMBER 5, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0600		0.01	0
05	0.01	.04	0
10	.02	.03	0
15	.05	.02	21
20	.01	.02	75
25		.01	115
0630	.01	.03	115
35	.01	.01	100
40	.01	.01	90
45	.02	.01	80
50	.01	.01	70
55		.01	62
0700	.01	.02	62
05	.02	.03	58
10	.02	.01	58
15		.01	62
20			58
25		.01	62

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0730			54
35	0.01		47
40			40
45			37
50			30
55			27
0800			24
05			19
10			16
15			14
20			14
25			14
0830			0

TOTALS: 0.21 0.29 -

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SEPTEMBER 5, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1720		0.01	0
25	0.03	.04	0
1730	.02		0
35	.04	.01	37
40	.01	.01	62
45	.06		90
50	.01		95
55			100
1800			90
05			70
10			62
15			43
20			37
25			33

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1830			27
35			24
40			19
45			16
50			14
55			0
TOTALS:	0.17	0.07	-

OCTOBER 1, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0615			0
20		0.01	0
25	0.01	.01	0
0630			0
35	.01	.01	0
40		.01	0
45	.01		0
50	.01	.01	0
55			0
0700		.01	0
05	.01		0
10		.01	0
15		.01	0
20		.01	0
25	.01	.01	0
0730	.01	.01	0
35	.01		0
40	.01	.01	0
45	.01		0
50	.01	.01	0
55		.01	0

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0800		0.01	0
05	0.01	.01	0
10	.01	.01	14
15	.02	.01	27
20	.01	.01	30
25	.01	.01	27
0830			24
35		.01	21
40	.01		21
45			16
50			14
55	.01		0
TOTALS:	0.19	0.22	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1650			0
55		0.01	0
1700	0.01		0
05			0
10			0
15		.09	0
20	.03	.15	33
25	.13	.08	115
1730	.03	.01	125
35	.03		181
40			168
45			150
50		.02	140
55		.02	130
1800	.03	.03	120
05	.02	.01	120
10	.02		120
15			125
20			120
25			110

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1830			80
35			75
40		0.01	50
45	0.01		33
50			24
55			19
1900			16
05			14
10			0
TOTALS:	0.31	0.43	-

OCTOBER 2, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
2300	0.01	0.02	0
05	.01		0
10		.01	0
15		.02	0
20	.19	.07	58
25	.08	.01	125
2330			181
35	.01		187
40			150
45		.06	135
50		.10	130
55	.10	.01	125
2400	.01		105
05		.01	75
10		.01	70
15	.01	.01	62
20	.01	.01	75
25		.01	125
0030	.01	.01	150
35	.02	.01	162
40	.03	.02	162
45	.01	.01	150
50	.02	.02	135
55	.02	.01	120
0100	.01	.01	110
05		.01	105
10	.01	.01	105
15			120
20			130
25			135

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
0130			140
35			135
40			135
45	0.01		130
50			120
55			115
0200			110
05			90
10			70
15			58
20			54
25			47
0230			43
35			33
40			27
45			24
50			19
55			19
0300			16
05			14
10			14
15			0
TOTALS:	0.57	0.45	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	.49	9.2(*)	0	0	0	
2			---	0	0	0	0	1.2(*)	0	0	0	
3			---	0	0	0	0	.87	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	.69	0	0	0	1.1	0	0	
6			---	0	0	0	0	1.3	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	3.9	
11			---	0	0	0	0	0	4.5	0	.30	
12			---	0	0	0	0	3.4(*)	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	.80	
18			---	0	0	0	0	1.9	6.6	0	.21	
19			---	0	0	0	0	.08	0	0	0	
20			---	0	0	0	0	0	8.6	0	0	
21			---	0	0	0	0	0	6.9	0	0	
22			---	0	9.9(*)	0	8.5(*)	0	0	0	0	
23			---	0	0	0	0	0	0	0	0	
24			---	0	.27	0	0	.95	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			1.2	0	0	0	1.7	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	2.3	1.7	0	0	0	0	
31			0	---	0	---	15(*)	0	---	0	---	
TOTAL			---	0	10.86	2.30	27.39	23.90	27.70	0	5.21	
AC-FT			---	0	22	4.6	54	47	55	0	10	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.10	0.06	0.69	0.11	1.50	1.93	1.24	0.17	0.69	

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 22, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1540	0.01		0
45	.01	0.01	0
50	.01	.02	0
55	.03	.01	0
1600	.02	.02	0
05	.03	.02	0
10	.03	.02	0
15	.04	.02	0
20	.02	.02	58
25	.03	.03	120
1630	.02	.02	100
35	.02	.02	130
40	.02	.02	130
45	.02	.02	130
50		.02	130
55	.03	.02	130
1700	.01	.02	130
05	.02	.02	135
10	.01	.02	135
15	.02	.01	130
20	.01	.02	135
25	.01	.01	130

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1730		0.01	125
35			125
40		.01	130
45	0.01	.01	110
50			110
55	.01	.01	95
1800			90
05			70
10			62
15			58
20			47
25			37
1830			33
35			30
40			16
45			0
TOTALS:	0.44	0.43	-

JULY 22, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1615	0.06		0
20	.03	0.04	0
25	.01	.01	0
1630	.17	.01	0
35	.05	.02	0
40	.03	.07	0
45	.05	.06	140
50	.03	.03	150
55	.06	.03	156
1700	.05	.03	156
05	.04	.13	241
10	.05	.08	374
15	.06	.03	300
20		.04	150
25		.01	135

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1730			120
35			120
40			90
45			90
50			62
55			47
1800			40
05			30
10			21
15			19
20			0
TOTALS:	0.69	0.59	-

JULY 31, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1135	0.03		0
40	.06		0
45	.04	0.01	0
50	.01		0
55		.01	0
1200			125
05			125
10			125
15			120
20			100
25			80

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1230			62
35			47
40			37
45			30
50			24
55			19
1300			16
05			14
10			0
TOTALS:	0.14	0.02	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

JULY 31, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1925	0.04		0
1930	.30		0
35	.32	0.02	0
40	.27	.25	0
45	.05	.16	234
50	.02	.03	374
55	.02	.02	309
2000	.01		292
05	.01		292
10	.01	.01	285
15			200
20			130
25			120
2030			125
35			120
40			120
45			115
50			90
55			70

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
2100			62
05			58
10			50
15			40
20			37
25			33
2130			27
35			21
40			16
45			14
50			14
55			14
2200			0
TOTALS:	1.05	0.49	-

AUGUST 1, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1640	0.01		0
45	.02		0
50	.15		0
55	.15	0.11	0
1700	.10	.18	0
05	.06	.17	277
10	.10	.35	478
15	.04	.12	327
20	.05	.01	404
25	.02		168
1730	.01	.01	120
35			120
40	.03		120
45	.01		110
50	.01		75
55	.01		70

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1800			66
05	0.01	0.01	58
10			47
15			40
20			37
25			33
1830			30
35			24
40			19
45			16
50			14
55			0
TOTALS:	0.78	0.96	-

AUGUST 2, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1435	0.04	0.03	0
40	.05	.03	0
45			0
50		.01	0
55			0
1500			0
05			0
10			0
15			47
20			50
25			50

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4	
1530			43
35			37
40			30
45			27
50			21
55			19
1600			16
05			14
10			0
TOTALS:	0.09	0.07	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 12, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 2	Gage 4			Gage 2	Gage 4	
1735	0.01		0	1930			50
40	.05		0	35			43
45	.11	0.01	0	40			37
50	.12		0	45			30
55	.09	.01	0	50			27
1800	.05	.09	0	55	0.01		21
05	.06	.13	0	2000		0.01	21
10	.02	.12	168	05			19
15	.01	.10	168	10	.01		16
20	.03	.06	213	15			14
25	.02	.04	200	20		.01	14
1830	.01	.02	140	25			0
35	.02	.02	135	TOTALS:	0.63	0.64	-
40			125				
45		.01	125				
50	.01		125				
55			125				
1900		.01	125				
05			120				
10			115				
15			95				
20			66				
25			62				



Photograph 4.--Storm drain outlet into South Fork Hahn Arroyo. Drain is 200 yards downstream from Pennsylvania Avenue bridge. Storm is that of August 1, 1984.

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (06329820) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	11(*)	0	0
2			---	0	0	0	0	1.1(*)	0	4.8(*)	0	---
3			---	0	0	0	.17	0	0	0	0	---
4			---	0	0	0	0	0	0	0	1.6(*)	---
5			---	0	0	0	0	0	0	2.7(*)	0	---
6			---	0	0	0	0.7	0	0	0	0	---
7			---	0	0	0	0	0	.29(*)	0	0	---
8			---	0	0	0	0	0	.99(*)	5.6(*)	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	.25	.27(*)	0	0	---
11			---	0	0	0	0	0	2.1(*)	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	0	.29	0	0	---
14			0	0	0	0	0	.08	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	.64	2.9(*)	0	0	0	---
19			0	0	.40	0	0	0	0	.17	.40	---
20			0	0	.27	0	0	0	0	8.5(*)	0	---
21			0	0	0	0	.06	0	0	0	.89(*)	---
22			0	0	0	0	.57	0	0	0	0	---
23			0	0	0	.51	0	0	0	0	0	---
24			0	0	0	2.9	0	0	0	0	0	---
25			0	0	0	3.1	0	.99	0	0	0	---
26			0	0	0	0	.96	0	.05(*)	0	0	---
27			0	0	0	0	0	0	5.9(*)	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	.24	0	.47	.39	0	.05	0	---
30			0	0	0	0	1.2	0	0	0	0	---
31			0	---	0	---	15(*)	0	---	0	---	---
TOTAL			---	0	.91	6.51	25.77	5.71	9.89	32.82	2.89	---
AC-FT			---	0	1.8	13	51	11	20	65	5.7	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.22	0.06	0.36	0.53	0.76	0.49	1.29	1.33	0.29	0.00

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 31, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0230		0.01		0
35	0.04	.02		0
40	.03	.02		0
45	.02	.01		0
50	.05	.02		0
55	.04		0.01	0
0300	.01	.04		125
05	.01	.02		135
10	.01	.04	.03	135
15	.02	.03	.02	140
20	.09	.05	.02	150
25	.13	.02	.03	156
0330	.05	.02	.01	181
35	.02	.01	.01	181
40	.02	.01	.01	168
45	.02	.01	.01	156
50	.01	.02	.01	145
55	.02	.02	.01	135
0400	.01		.01	135
05	.02	.02	.01	130
10	.02	.02	.01	120
15	.02	.01	.01	125
20	.01	.01	.01	120
25	.01	.01	.01	125
0430	.01	.02	.01	125
35	.01	.02	.01	125
40	.01		.01	125
45	.01		.01	125
50	.01			125
55	.01	.01	.01	115

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0500				110
05				95
10				90
15				80
20				70
25				58
0530				58
35				58
40				50
45				40
50				37
55				33
0600				27
05			0.01	24
10				21
15				16
20				16
25				14
0630				14
35				14
40				0
TOTALS:	0.72	0.49	0.29	-

AUGUST 2, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0325		0.01		0
0330		.01		0
35		.01		0
40				0
45	0.01			0
50		.01	0.01	0
55				0
0400				0
05			.01	0
10				0
15				33
20				30
25				24
0430			.01	21
35				14
40		.01		14
45				0
50				0
55				0
0500				0
05			.01	0
10				0
15				0
20			.01	0
25	.01			0

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0530			0.01	0
35			.01	0
40		0.02	.01	0
45			.01	0
50		.01	.01	0
55				0
0600		.01		0
05	0.02			0
10				0
15				14
20				16
25				21
0630				24
35				24
40				24
45				19
50				16
55			.01	14
0700				14
05				0
TOTALS:	0.05	0.09	0.11	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

AUGUST 18, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1630	0.21	0.03		0
35	.11			0
40				0
45				0
50				75
55				90
1700				115
05				120
10				105
15				75
20				58
25				47

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1730				40
35				30
40				24
45				19
50				16
55				14
1800				14
05				0
TOTALS:	0.32	0.03	0.00	-

SEPTEMBER 7, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
2355		0.01		0
2400		.02	0.01	0
05	0.04		.02	0
10	.04	.01	.04	0
15	.02		.03	0
20	.02	.01		0
25	.01	.01	.01	0
0030				0
35			.01	0
40	.01	.06	.04	0
45	.04	.04	.05	0
50	.03	.02	.03	0
55	.01	.02	.02	16
0100	.02	.01	.02	19
05	.01	.02	.01	37
10	.01		.02	21
15	.01			16
20	.01			0
25	.01	.01	.03	0

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0130	0.01	0.02	0.03	0
35	.02	.03	.03	0
40	.03	.02	.03	0
45	.02	.03	.03	0
50	.02	.01		27
55	.03		.01	43
0200	.01	.01		50
05				30
10				27
15				0
TOTALS:	0.43	0.36	0.47	-

SEPTEMBER 10, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
2310	0.04			0
15	.10	0.01		0
20	.05		0.08	0
25	.02		.06	0
2330			.02	0
35	.01			0
40		.06		0
45		.13		0
50		.01	.02	0
55			.03	16
2400			.06	120
05			.02	125
10				110
15			.01	62
20				47
25				37

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0030		0.01		30
35			0.01	24
40		.01		21
45				19
50			.01	16
55				14
0100			.01	14
05				14
10			.01	0
TOTALS:	0.23	0.23	0.34	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

SEPTEMBER 26, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
2330				0
35		0.05		0
40	0.02	.01		0
45	.01			0
50		.01		0
55				0
2400	.02	.01	0.01	27
05	.04	.02	.01	27
10	.03	.01	.02	27
15	.04	.02	.04	30
20	.02	.01	.02	47
25	.01	.02	.01	75
0030	.03			110
35	.01		.01	110
40				100
45		.01		66
50	.01	.01	.01	50
55	.01	.01	.02	40

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0100		0.02	0.02	33
05	0.01	.01	.01	30
10	.01		.01	33
15				37
20	.01			40
25				37
0130				33
35				30
40				24
45				19
50				16
55				14
0200				0
TOTALS:	0.28	0.22	0.19	-

SEPTEMBER 27, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1725				0
1730	0.01	0.01	0.01	0
35	.01			0
40	.01			0
45	.01	.02		0
50	.03	.01	.01	0
55	.05	.01		0
1800	.02		.01	0
05		.02		0
10	.01		.01	0
15	.01	.01		43
20				58
25				58

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1830				54
35				47
40				43
45				40
50				37
55				30
1900				27
05				21
10				19
15				16
20				14
25				14
1930				0
TOTALS:	0.16	0.08	0.04	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

OCTOBER 1, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1550				0
55		0.01		0
1600		.01	0.01	0
05	0.01	.01	.01	0
10	.01			0
15	.01		.01	0
20		.01	.01	0
25	.01	.02	.01	0
1630	.01	.02	.03	0
35	.03	.04	.04	0
40	.05	.04	.01	14
45	.01	.01	.01	47
50	.01	.01		120
55		.01	.01	130
1700	.01	.01	.01	130
05	.02		.01	125
10	.01	.02	.01	110
15	.01	.03	.02	80
20	.03	.01	.02	80
25	.02	.03	.02	90
1730	.02	.02	.02	100
35	.02	.01	.01	125
40	.01		.01	125
45		.01		125
50				125
55	.01	.01	.01	115
1800			.01	95
05	.01	.02	.03	75
10	.03	.01	.03	66
15	.02	.02	.02	66
20	.02	.02	.02	62
25	.02	.01		80

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1830			0.01	110
35	0.01			115
40			.01	110
45				100
50		0.01		85
55				60
1900	.01			54
05				50
10				40
15				33
20			.01	30
25				30
1930				27
35				27
40				21
45				21
50				19
55				16
2000				16
05				14
10				14
15				0
TOTALS:	0.43	0.43	0.43	-

OCTOBER 2, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0800				0
05		0.01		0
10	0.01	.01	0.01	0
15	.01	.02	.01	0
20	.02	.01	.02	0
25	.02	.02	.02	0
0830	.02	.01	.01	0
35	.01	.02	.01	0
40	.02	.02	.02	27
45	.01	.01	.01	54
50	.02	.01	.02	85
55	.02	.02	.02	100
0900	.01	.01		120
05	.01		.01	120
10	.01	.01	.01	120
15				110
20				90
25				80

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
0930				62
35				54
40				47
45	0.01	0.01		43
50				37
55				33
1000				30
05				27
10				24
15				21
20				21
25			0.01	19
1030				16
35				16
40				14
45				14
50				14
55				0
TOTALS:	0.20	0.19	0.18	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

OCTOBER 5, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1810				0
15		0.01		0
20		.01	0.01	0
25	0.01	.01	.01	0
1830	.02	.01	.02	0
35	.02	.02	.01	0
40	.02	.02	.01	0
45	.01	.01	.02	14
50	.02	.01	.01	50
55	.01	.01		75
1900				85
05	.01	.01		80
10				75
15				66
20				58
25				47

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1930				40
35				37
40				30
45				24
50				21
55				19
2000				16
05				14
10				14
15				0
TOTALS:	0.12	0.12	0.09	-

OCTOBER 8, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1845				0
50			0.01	0
55		0.01	.01	0
1900	0.01	.01		0
05	.01	.01		0
10			.01	0
15				0
20		.01	.01	0
25	.01			0
1930	.01	.02	.02	0
35	.03	.01	.01	0
40	.01	.01		16
45	.01		.01	24
50				43
55	.01			54
2000				58
05				58
10				47
15				43
20				37
25			.01	33
2030		.01		27
35				24
40	.01			21
45				19
50				16
55				16

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
2100				14
05			0.05	16
10		0.04	.04	16
15	0.03	.01	.02	19
20	.01	.03	.02	40
25	.01	.01		43
2130	.02	.01	.01	80
35	.02			105
40				115
45				105
50				90
55				70
2200				66
05				50
10				43
15				37
20				30
25				27
2230				24
35				21
40				19
45				16
50				16
55				14
2300				14
05				0
TOTALS:	0.20	0.19	0.24	-

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Continued

OCTOBER 20, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second	Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4			Gage 1	Gage 2	Gage 4	
0705	0.01			0	1100	0.01	0.01	0.01	27
10	.01	0.01		0	05	.01			27
15	.01			0	10	.02			24
20	.01			0	15	.01	.01	.01	21
25	.02	.01	0.01	0	20				21
0730	.02			0	25	.01	.01	.01	21
35	.03			0	1130		.01		21
40	.01			0	35	.01		.01	21
45				0	40		.01		21
50	.01	.01	.01	0	45	.01	.01	.01	24
55	.01			0	50		.01	.01	30
0800		.01		0	55		.01		43
05		.01	.01	0	1200	.01	.01	.01	62
10				0	05		.01	.01	62
15	.01	.01	.01	0	10				66
20		.01	.01	21	15		.01	.01	66
25	.01		.01	24	20		.01	.01	70
0830		.01		30	25	.01			62
35			.01	27	1230		.01	.01	62
40	.01	.01	.01	30	35				62
45		.01	.01	37	40		.01	.01	58
50	.01	.01	.01	54	45				50
55	.01		.01	40	50				47
0900	.01	.01	.01	50	55			.01	40
05	.01			50	1300		.01		37
10		.01	.01	62	05				30
15	.01			62	10				30
20			.01	54	15				27
25	.01			47	20				24
0930		.01		40	25				21
35			.01	33	1330		.01	.01	21
40	.01			33	35				19
45				30	40				19
50				27	45				16
55		.01		27	50				16
1000		.01		24	55				16
05	.01	.01	.01	21	1400				14
10				21	05				14
15	.01	.01	.01	19	10				0
20	.01	.01	.01	21	TOTALS: 0.45 0.36 0.34 -				
25				27					
1030	.02		.01	33					
35				40					
40	.02		.01	47					
45	.01	.01		43					
50	.02			37					
55	.01			33					

NOVEMBER 4, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second	Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4			Gage 1	Gage 2	Gage 4	
1000				0	1130		0.01		19
05		0.01		0	35		.01		19
10				0	40			0.01	19
15		.01		0	45	0.01	.01		16
20	0.01		0.01	0	50			.01	16
25			.01	0	55		.01		14
1030				0	1200			.01	14
35	.01			0	05				0
40		.01	.01	0	10		.01		0
45				0	15				14
50	.01			0	20				14
55				0	25			.01	14
1100				0	1230				16
05				14	35				16
10				16	40		.01		14
15			.01	16	45				14
20		.01		14	50				16
25	.01	.01		21	55				0
					TOTALS: 0.05 0.11 0.08 -				

Table 3.--SOUTH FORK HAHN ARROYO AT ALBUQUERQUE (08329820) -- Concluded

NOVEMBER 21, 1983

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1140				0
45			0.01	0
50	0.01			0
55			.01	0
1200			.03	0
05	.03		.01	0
10	.02		.01	0
15	.01		.01	0
20			.01	19
25	.01			27
1230			.01	24
35	.01			24
40			.01	24
45	.01			24
50				24
55				21

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 4	
1300				21
05				19
10				16
15				14
20				0
TOTALS:	0.11	0.00	0.12	-

A drainage basin map of
North Fork Hahn Arroyo (08329830)
is shown in figure 2 (page 10).

Table 4.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830), 1979-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 07 min 35 sec, long 106 deg 34 min 06 sec, in SE1/4 NE1/4 sec. 1, T.10 N., R.3 E., Bernalillo County, Hydrologic Unit 13020203, near center of concrete lined channel on downstream side of Louisiana Blvd bridge, 1,150 ft (351 m) north of Comanche Rd, and 1,450 ft (442 m) south of Montgomery Blvd, in Albuquerque.

DRAINAGE AREA.--1.51 sq mi (3.91 sq km).

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

GAGE.--Water-stage recorder and concrete lined channel. Altitude of gage is 5,286 ft (1,611.17 m), from topographic orthophoto map.

REMARKS.--Records fair. Recording rain gage at station; up to 2 other recording rain gages within drainage basin. Drainage basin delineation is complicated by several storm sewers which drain water from the basin. Development within basin is predominantly residential with some commercial areas. Most low flows in channel are nuisance flows (not rainfall related).

STAGE-DISCHARGE RELATION.--Rating developed on basis of step-backwater analysis of concrete lined stream channel and 3 discharge measurements at low flows.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 439 cu ft per sec (12.4 cu m per sec) Aug. 14, 1980, gage height 1.94 ft (0.591 m); no flow most of the time.

EXTREMES.--Maximum discharge during period May to December 1979, 128 cu ft per sec (3.62 cu m per sec) July 17, gage height, 1.47 ft (0.448 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 439 cu ft per sec (12.4 cu m per sec) Aug. 14, gage height, 1.94 ft (0.591 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 247 cu ft per sec (7.00 cu m per sec) Oct. 2, gage height, 1.68 ft (0.512 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 359 cu ft per sec (10.2 cu m per sec) Aug. 1, gage height, 1.84 ft (0.561 m); no flow most of the time.

Calendar year 1983: Maximum discharge, 113 cu ft per sec (3.20 cu m per sec) June 25, gage height, 1.44 ft (0.439 m); no flow most of the time.



Photograph 5.--North Fork Hahn Arroyo (08329830). Direction of view is upstream.

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0		
2					---	0	0	0	0	0		
3					---	0	0	0	0	0		
4					0	0	0	0	0	0		
5					0	0	0	0	0	0		
6					0	0	0	0	0	0		
7					0	0	0	.03	0	0		
8					0	2.5(*)	0	0	0	0		
9					0	0	0	0	0	0		
10					0	0	0	0	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	.68(*)	0	0		
16					0	0	.69(*)	0	0	0		
17					0	0	1.7(*)	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					3.2	0	0	0	0	0		
21					0	0	0	0	0	0		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					0	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	0	0	0	0		
29					0	0	0	0	0	0		
30					0	0	0	.09	0	0		
31					0	---	0	0	---	---		
TOTAL					---	2.50	2.39	.80	0	---		
AC-FT					---	5.0	4.7	1.6	0	---		

(*) Unit values published in this report

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				1.24	0.66	0.51	1.19	0.46	0.33		

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 8, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
		in cubic			in cubic
Time	Gage	feet per	Time	Gage	feet per
	3	second		3	second

1400	0.01	0	1730		17
05		0	35	0.01	15
10		0	40		13
15		0	45		11
20	.01	0	50	.01	11
25	.01	0	55	.01	11
1430		0	1800	.01	11
35		0	05	.01	13
40	.01	0	10	.01	21
45		0	15		17
50		0	20	.01	17
55		0	25	.01	19
1500		0	1830	.01	23
05		0	35	.02	23
10	.01	0	40	.01	23
15		0	45	.02	26
20		0	50	.01	23
25		0	55		19
1530		0	1900	.02	17
35	.01	0	05		15
40		0	10		15
45		0	15		13
50		0	20		13
55	.01	0	25		13
1600		0	1930		13
05	.01	0	35		13
10		0	40		13
15		0	45		13
20		0	50		13
25	.01	0	55		13
1630	.01	0	2000		11
35		0	05		0
40	.01	9.7	-----		
45	.01	11	TOTAL:	0.32	-
50	.01	11			
55		13			
1700	.01	13			
05		15			
10		13			
15	.01	13			
20		21			
25		21			

JULY 16, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 3		Time	Gage 3	
-----			-----		
2055	0.01	0	2200		11
2100	.02	0	05	0.01	11
05	.01	0	10	.01	9.7
10	.01	11	15		0
15	.01	21	-----		
20	.01	21	TOTAL:	0.12	-
25		19			
2130	.01	19			
35	.01	19			
40		17			
45		15			
50		13			
55		11			

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

JULY 17, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1635	0.02	0
40	.02	0
45	.02	0
50	.01	0
55	.01	0
1700	.01	0
05	.03	0
10	.07	0
15	.04	9.7
20	.01	36
25	.01	128

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1730		113
35	0.01	64
40		36
45		33
50		21
55		15
1800	.01	11
05		9.7
10		0
TOTAL:	0.29	-

AUGUST 15, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1530	0.01	0
35	.01	0
40	.01	0
45		9.7
50	.01	13
55		13
1600	.01	23
05	.01	21
10	.02	15
15	.02	15
20	.01	15
25	.01	13

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1630		13
35		13
40		11
45		11
50		9.7
55		0
TOTAL:	0.12	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	.37	0	0	0	0	0	0	
4			---	0	0	.10	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	2.8(*)	0	0	
7			---	0	.15	0	0	0	0	0	0	
8			---	0	0	0	0	0	.28(*)	0	0	
9			---	0	0	.03	0	0	1.4(*)	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	0	0	0	
12			---	0	0	0	0	0	0	0	0	
13			0	0	0	0	0	0	0	0	0	
14			0	0	.26	0	0	17(*)	0	0	0	
15			0	0	.10	0	0	0	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			.31	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	
21			0	0	0	0	.93	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	2.4(*)	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	.23	
26			0	0	0	0	0	0	0	0	0	
27			.29	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	---	
30			0	0	0	0	0	0	0	0	---	
31			.91	---	0	---	0	0	---	0	---	
TOTAL			---	2.40	.88	.13	.93	17.00	4.48	0	---	
AC-FT			---	4.8	1.7	.3	1.8	34	8.9	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.34	0.41	0.66	0.10	0.61	2.68	2.00	0.10	0.34	

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329330) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

APRIL 24, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 3	feet per second	Time	Gage 3	feet per second
-----			-----		
1345	0.01	0	1700	0.01	0
50		0	05	.01	0
55	.01	0	10	.01	0
1400	.01	0	15	.01	0
05	.01	0	20	.01	0
10		0	25	.02	0
15		0	1730	.01	0
20		0	35	.01	0
25		0	40	.01	17
1430		0	45	.01	17
35		0	50		23
40	.01	0	55	.01	28
45		0	1800	.01	33
50		0	05	.01	21
55		26	10	.01	21
1500		23	15	.02	19
05		28	20	.01	17
10		23	25	.03	15
15		19	1830	.01	13
20		17	35	.02	11
25		13	40	.01	11
1530		11	45	.02	11
35		0	50		9.7
40		0	55	.01	9.7
45		0	1900	.01	11
50		0	05	.01	15
55		0	10		23
1600		0	15	.01	26
05		0	20		31
10		0	25		28
15		0	1930		23
20		0	35		17
25		0	40		17
1630		0	45		17
35		0	50		17
40	.01	0	55		17
45		0	2000		13
50	.01	0	05		11
55	.01	0	10		0

			TOTAL:	0.39	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
0315	0.01	0	0600		0
20	.03	0	05		0
25	.04	26	10		0
0330	.03	36	15	0.01	0
35	.01	33	20	.02	0
40		28	25	.01	9.7
45		28	0630	.01	21
50	.06	44	35	.02	23
55	.12	174	40	.02	21
0400	.09	439	45	.03	17
05	.14	350	50	.02	15
10	.16	260	55	.03	15
15	.15	209	0700	.03	17
20	.16	163	05	.02	17
25	.16	174	10	.02	17
0430	.13	147	15	.02	15
35	.11	260	20		15
40	.10	307	25	.01	15
45	.12	321	0730	.02	15
50	.11	293	35	.01	15
55	.06	260	40	.02	15
0500	.03	266	45	.01	13
05	.03	260	50	.02	13
10	.02	158	55	.01	13
15	.01	92	0800	.01	15
20	.01	47	05	.01	19
25	.01	31	10	.01	17
0530	.01	23	15	.01	13
35	.01	17	20	.01	9.7
40		13	25	.01	9.7
45		9.7	0830	.01	0
50		0	35	.01	0
55	.01	0	40		0
			TOTAL:	2.37	-

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
0740	0.01	0	0900	0.01	0
45	.01	0	05	.01	0
50	.01	0	10	.01	0
55		0	15	.01	0
0800	.01	0	20		0
05	.01	0	25	.01	0
10	.01	0	0930		0
15	.01	0	35	.01	11
20	.01	0	40		11
25	.01	0	45		9.7
0830	.01	0	50		9.7
35	.01	0	55		0
40	.01	0			
45	.01	0	TOTAL:	0.20	-
50	.01	0			
55		0			

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
1920	0.07	0	2030	0.01	9.7
25	.08	0	35		9.7
1930	.02	33	40		9.7
35		180	45		9.7
40	.01	158	50		9.7
45	.01	64	55		9.7
50		57	2100		9.7
55		36	05		9.7
2000		33	10		9.7
05		31	15		9.7
10		21	20		9.7
15		13	25		0
20		11			
25		11	TOTAL:	0.20	-

SEPTEMBER 8, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
2100	0.02	0	2330		0
05	.05	0	35		0
10	.02	0	40		0
15		0	45		0
20		0	50		0
25		0	55		0
2130		0	2400		0
35		0	05	0.01	0
40		0	10	.01	0
45		0	15	.02	0
50		0	20	.02	0
55		0	25	.01	0
2200	.01	0	0030	.03	0
05		0	35	.01	0
10		0	40	.01	11
15		0	45	.01	13
20		0	50	.02	13
25		0	55		11
2230		0	0100		11
35		0	05		11
40		0	10		9.7
45		0	15		0
50		0			
55		0	TOTAL:	0.25	-
2300		0			
05		0			
10		0			
15		0			
20		0			
25		0			

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

SEPTEMBER 9, 1980

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	3	second	Time	3	second
-----			-----		
0835	0.01	0	1200	0.01	11
40	.01	0	05	.01	15
45		0	10	.01	17
50		0	15		17
55		0	20	.01	17
0900		0	25	.01	15
05		0	1230		13
10		0	35	.02	13
15		0	40	.01	13
20		0	45	.01	13
25	.01	0	50		11
0930	.01	0	55	.01	11
35	.01	0	1300	.02	11
40	.01	0	05	.01	11
45	.01	0	10		9.7
50		0	15	.01	11
55		0	20	.01	11
1000		0	25		11
05		0	1330		9.7
10		0	35		0
15		0	40	.01	0
20		0	45	.02	0
25	.01	0	50	.01	0
1030	.01	0	55	.01	0
35		0	1400		9.7
40	.01	0	05	.01	9.7
45		0	10		9.7
50		0	15	.01	9.7
55	.01	0	20		9.7
1100		0	25		0
05	.01	0	-----		
10	.01	0	TOTAL:	0.45	-
15	.01	0			
20		0			
25	.01	0			
1130	.01	0			
35	.01	0			
40	.01	9.7			
45	.01	9.7			
50	.01	0			
55	.02	9.7			

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	4.2(*)	0	0	.19(*)	0	
2				---	.53	0	0	0	0	3.1(*)	0	
3				---	0	0	0	0	0	1.7(*)	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	1.3(*)	.48(*)	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	2.3(*)	.83(*)	0	0	0	
8				0	0	0	0	0	0	0	0	
9				0	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	.17(*)	0	0	0	
12				0	0	0	0	0	0	0	0	
13				.03	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	1.0	0	0	0	0	
16				0	.64	0	0	0	0	0	0	
17				0	0	0	0	.28	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	.58	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.56	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	.63	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	1.17	1.19	7.50	3.16	.48	4.99	---	
AC-FT				---	2.3	2.4	15	6.3	1.0	9.9	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.51	1.27	0.87	2.12	1.95	0.51	1.50	0.02	

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
0650	0.01	0	0830	0.01	15
55	.01	0	35	.01	28
0700	.01	0	40	.01	31
05		0	45	.01	36
10		0	50	.01	33
15	.05	0	55	.01	33
20	.05	0	0900		31
25	.01	21	05		26
0730		31	10		21
35	.01	21	15		17
40		28	20		13
45		31	25		11
50		28	0930		11
55		17	35		9.7
0800		13	40		9.7
05		13	45		0
10		19			
15	.01	15	TOTAL:	0.27	-
20	.01	13			
25	.04	13			

JULY 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
1335	0.06	0	1400		28
40	.57	137	05		23
45	.26	197	10		13
50	.02	185	15		0
55	.01	51			
			TOTAL:	0.92	-

JULY 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
1745	0.07	0	1830		31
50	.16	21	35	0.01	31
55	.12	113	40	.01	28
1800	.05	142	45		26
05	.04	147	50		26
10	.05	44	55		23
15	.03	36	1900		23
20	.01	33	05		23
25	.01	31	10		21
			TOTAL:	0.56	-

NOTE.--Gage silted in after 1910 hours

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

AUGUST 5, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1805		0
10	0.02	28
15	.08	51
20	.14	41
25		87
1830	.05	28
35	.02	28
40	.01	28
45		26
50	.01	21
55		13

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1900		11
05		9.7
10		0
TOTAL:	0.33	-

AUGUST 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1755	0.02	0
1800	.10	28
05	.14	36
10	.09	31
15	.01	41
20	.01	28
25		23

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1830		19
35		13
40		9.7
45		9.7
50		0
TOTAL:	0.37	-

AUGUST 11, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1620	0.05	0
25	.10	0
1630	.06	0
35	.03	0
40	.02	0
45	.01	9.7
50	.01	9.7
55	.01	9.7

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1700		9.7
05		9.7
10		0
TOTAL:	0.29	-

SEPTEMBER 5, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
0605	0.01	0
10	.05	0
15	.04	0
20	.02	0
25	.02	9.7
0630	.02	9.7
35	.01	0
40	.02	23
45	.01	13
50	.02	9.7
55	.01	0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
0700	0.01	0
05	.02	0
10	.02	0
15	.02	0
20		11
25	.01	11
0730	.01	11
35		9.7
40		0
TOTAL:	0.32	-

Table 4.--NORTH FORK MAHN ARROYO AT ALBUQUERQUE (08329630) -- Continued

OCTOBER 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
0620	0.01	0
25		0
0630	.01	0
35	.01	0
40	.01	0
45	.01	0
50		0
55	.01	0
0700		0
05	.01	0
10		0
15	.01	0
20		0
25	.01	0
0730	.01	0
35	.01	0
40	.01	0
45	.01	0
50		0
55	.01	0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
0800	0.01	0
05	.01	0
10	.01	0
15	.01	0
20	.01	0
25	.01	0
0830	.01	11
35		11
40	.01	11
45		11
50		9.7
55		0
TOTAL:	0.23	-

OCTOBER 2, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1655	0.02	0
1700		0
05		0
10		0
15	.04	0
20	.19	0
25	.16	123
1730	.08	247
35		163
40		96
45		28
50		19
55	.02	15

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1800	0.03	13
05	.03	11
10	.01	13
15		15
20		15
25		13
1830		11
35		9.7
40		0
TOTAL:	0.59	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3			Gage 3	
2240	0.01	0	0030	0.02	36
45		0	35	.01	33
50		0	40	.02	31
55		0	45	.02	23
2300	.01	0	50	.02	17
05	.02	0	55	.01	13
10		0	0100	.01	13
15	.01	0	05	.02	13
20	.07	0	10	.01	13
25	.04	0	15		15
2330		26	20		19
35		26	25		21
40		21	0130		21
45		15	35		21
50	.13	11	40		19
55	.07	9.7	45		17
2400	.01	9.7	50		15
05		0	55		13
10		0	0200		11
15	.01	0	05		9.7
20		0	10		9.7
25	.01	92	15		0
			TOTAL:	0.53	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	6.0(*)	0	0	0	
2			---	0	0	0	0	.31	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	.04	0	---	
6			---	0	0	0	0	0	0	0	---	
7			---	0	0	0	0	0	0	0	---	
8			---	0	0	0	0	0	0	0	---	
9			---	0	0	0	0	0	0	0	---	
10			---	0	0	0	0	0	0	0	---	
11			---	0	0	0	0	0	0	0	---	
12			---	0	0	0	0	2.5(*)	0	0	---	
13			---	0	0	0	0	0	0	0	---	
14			---	0	0	0	0	0	0	0	---	
15			---	0	0	0	0	0	0	0	---	
16			---	0	0	0	0	0	0	0	---	
17			---	0	0	0	0	0	0	0	---	
18			---	0	0	0	0	.36	.99	0	---	
19			---	0	0	0	0	0	0	0	---	
20			---	0	0	0	0	0	1.1	0	---	
21			---	0	0	0	0	0	1.0	0	---	
22			---	0	.11	0	1.4	0	0	0	---	
23			---	0	0	0	0	0	0	0	---	
24			---	0	.75	0	0	0	0	0	---	
25			0	0	0	0	0	0	0	0	---	
26			0	0	0	0	0	0	0	0	---	
27			0	0	0	0	0	0	0	0	---	
28			0	0	0	0	0	0	0	0	---	
29			0	0	0	0	0	0	0	0	---	
30			0	0	0	0	.20	0	0	0	---	
31			0	---	0	---	2.6(*)	0	---	0	---	
TOTAL			---	0	.86	0	4.20	9.17	3.13	0	---	
AC-FT			---	0	1.7	0	8.3	18	6.2	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.14	0.09	0.91	0.09	2.18	2.73	1.37	0.17	0.95	

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 31, 1982

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage		Time	Gage	
	3			3	
1935	0.06	0			
40	.34	31			
45	.16	228			
50	.01	203			
55	.01	185			
2000		36			
05	.01	31			
10		28			
15		21			
20		11			
25		0			
TOTAL:			0.59		

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

AUGUST 1, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1655	0.13	0
1700	.30	68
05	.23	266
10	.41	174
15	.22	123
20	.01	359
25	.01	293
1730		169
35		31
40		31
45		31
50		28
55		28

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1800		28
05	0.01	26
10		19
15		17
20		36
25		0

TOTAL: 1.32 -

AUGUST 12, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1755	0.01	0
1800	.09	0
05	.23	28
10	.13	72
15	.16	158
20	.07	163
25	.03	72
1830	.02	33
35	.02	31
40	.01	31
45		28
50	.01	28
55		23

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 3	
1900		19
05		13
10		9.7
15		0

TOTAL: 0.78 -

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (06329830) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	4.2(*)	0	0
2			---	0	0	0	0	0	0	6.3	0	---
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	.37(*)	0	---
6			---	0	0	0	.19	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	.08	.76(*)	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	.29(*)	0	0	---
11			---	0	0	0	0	.11	.67	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	0	0	0	0	---
14			.55	0	0	0	0	.26	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	0	0	0	0	0	---
19			0	0	0	0	0	0	0	0	0	---
20			0	0	.11	0	0	0	0	0	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	.13	0	0	0	0	---
23			0	0	0	0	0	0	0	0	0	---
24			0	0	0	0	0	0	0	0	0	---
25			0	0	0	1.3(*)	0	0	0	0	0	---
26			0	0	0	0	.04	0	0	0	0	---
27			0	0	0	0	0	0	.24	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	0	0	0	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	2.7(*)	0	---	0	---	---
TOTAL			---	0	.11	1.30	3.06	.37	1.28	11.6	0	---
AC-FT			---	0	.2	2.6	6.1	.7	2.5	23	0	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.24	0.10	0.37	0.82	0.95	0.59	1.58	1.53	0.32	0.00

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1420			0
25		0.01	0
1430	0.08	.02	0
35	.16	.14	54
40	.09	.14	113
45	.01	.03	68
50			31
55		.01	28

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1500			23
05			13
10		0.01	9.5
15			0
TOTALS:	0.34	0.36	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Continued

JULY 31, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
0230			0
35	0.04		0
40	.03		0
45	.02		0
50	.06		0
55	.04	0.01	0
0300	.01	.01	0
05	.01		0
10	.01	.01	28
15	.02	.01	31
20	.09	.02	31
25	.10	.04	31
0330	.05	.02	31
35	.02	.01	31
40	.02	.01	31
45	.02	.02	31
50	.01	.01	31
55	.02	.02	31
0400	.01	.01	31
05	.02	.01	31
10	.02	.01	28
15	.02	.01	28
20	.01	.01	28
25	.01		28

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
0430	0.01	0.01	28
35	.01	.01	28
40	.01	.01	28
45	.01	.01	28
50	.01	.01	28
55	.01		28
0500			28
05			26
10			21
15			17
20			15
25			11
0530			9.5
35		.01	0
TOTALS:	0.72	0.30	-

SEPTEMBER 10, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
2245			0
50	0.02		0
55	.03		0
2300	.07		0
05	.09		0
10	.04		0
15	.10		0
20	.06	0.05	0
25	.02	.07	0
2330		.02	0
35	.01		0
40			0
45		.03	0
50		.15	31
55		.08	36

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
2400		0.06	33
05		.01	31
10		.01	28
15			28
20			28
25			23
0030			17
35		.01	13
40			9.5
45		.01	0
TOTALS:	0.44	0.50	-

Table 4.--NORTH FORK HAHN ARROYO AT ALBUQUERQUE (08329830) -- Concluded

OCTOBER 1, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1605	0.01		0
10	.01	0.01	0
15	.01	.01	0
20		.01	0
25	.01	.03	0
1630	.01	.03	0
35	.03	.01	0
40	.05	.01	13
45	.01	.01	28
50	.01		28
55		.01	28
1700	.01	.01	17
05	.02	.02	11
10	.01	.02	0
15	.01	.02	9.5
20	.03	.02	13
25	.02	.03	21
1730	.02	.02	28
35	.02		28
40	.01	.01	28
45			28
50		.01	26
55	.01	.01	19

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1800		0.02	11
05	0.01	.03	9.5
10	.03	.02	11
15	.02	.02	19
20	.02	.01	28
25	.02		28
1830		.01	28
35	.01		28
40		.01	23
45			19
50			11
55			9.5
1900	.01		9.5
05			0
TOTALS:	0.43	0.42	-

OCTOBER 5, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1825	0.01	0.01	0
1830	.02	.02	0
35	.02		0
40	.02	.02	0
45	.01	.02	15
50	.02		13
55	.01		17

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1900			19
05	0.01		19
10			15
15			9.5
20			0
TOTALS:	0.12	0.07	-

OCTOBER 8, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
1900	0.01	0.01	0
05	.01		0
10			0
15		.01	0
20			0
25	.01	.02	0
1930	.01	.02	0
35	.03	.01	0
40	.01	.01	0
45	.01		13
50			19
55	.01		17
2000			11
05			0
10			0
15			0
20		.01	0
25			0

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 1	Gage 3	
2030			0
35			0
40	0.01		0
45			3
50		0.01	0
55			0
2100		.05	0
05		.10	0
10		.03	0
15	.03	.02	0
20	.01	.01	28
25	.01	.01	31
2130	.02		28
35	.02		28
40			21
45			13
50			9.5
55			0
TOTALS:	0.20	0.32	-

A drainage basin map of
Hahn Arroyo (08329840)
is shown in figure 2 (page 10).

Table 5.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for HAHN ARROYO AT ALBUQUERQUE (08329840), 1978-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 07 min 31 sec, long 106 deg 35 min 10 sec, in SE1/4 NE1/4 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 Blvd bridge, 750 ft (229 m) north of Comanche Rd, and 2,050 ft (625 m) south of Montgomery Blvd, in Albuquerque.

DRAINAGE AREA.--4.35 sq mi (11.3 sq km).

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

GAGE.--Water-stage recorder and concrete lined channel. Altitude of gage is 5,190 ft (1,581.91 m), from topographic orthophoto map.

REMARKS.--Records fair. Recording rain gage at station; up to 4 other recording rain gages in drainage basin. Development within basin is predominantly residential with some commercial areas. Most low flows in channel are nuisance flows (not rainfall related).

STAGE-DISCHARGE RELATION.--Rating developed on basis of step-backwater analysis of concrete lined stream channel and 3 discharge measurements at low flows.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,080 cu ft per sec (30.6 cu m per sec) Aug. 14, 1980, gage height 2.54 ft (0.774 m); no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1978, 819 cu ft per sec (23.2 cu m per sec) Aug. 3, gage height, 2.30 ft (0.701 m); no flow most of the time.

Calendar year 1979: Maximum discharge, 642 cu ft per sec (18.2 cu m per sec) Aug. 15, gage height, 2.12 ft (0.646 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 1,080 cu ft per sec (30.6 cu m per sec) Aug. 14, gage height, 2.54 ft (0.774 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 509 cu ft per sec (14.4 cu m per sec) Aug. 20, gage height, 1.97 ft (0.600 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 892 cu ft per sec (25.3 cu m per sec) Aug. 1, gage height, 2.37 ft (0.722 m); no flow most of the time.

Calendar year 1983: Maximum discharge, 242 cu ft per sec (6.85 cu m per sec) June 25, gage height, 1.61 ft (0.491 m); no flow most of the time.



Photograph 6.--Hahn Arroyo (08329840). Direction of view is upstream.

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0	0	0
2						---	0	0	0	0	0	0
3						---	0	9.0(*)	0	0	1.9	0
4						---	0	2.0	0	0	0	0
5						---	0	0	0	0	0	0
6						---	0	0	0	0	0	0
7						---	0	0	0	0	0	0
8						---	0	0	0	0	0	0
9						---	0	0	0	0	0	---
10						---	0	0	0	0	0	---
11						---	0	0	0	0	1.8	---
12						---	0	0	0	0	0	---
13						---	0	0	0	0	0	---
14						---	6.3	0	0	0	0	---
15						---	1.5	0	0	0	0	---
16						---	0	0	.39	0	0	---
17						---	0	0	2.7	0	0	---
18						---	0	0	0	0	0	---
19						---	2.7	12	0	0	0	---
20						---	8.2	1.5	0	0	0	---
21						0	0	0	0	8.6	0	---
22						0	5.6(*)	2.8	0	0	0	---
23						0	0	0	0	.45	0	---
24						0	0	.20	1.4	0	2.0	---
25						0	0	0	0	4.0	2.0	---
26						0	0	0	0	0	0	---
27						0	0	0	0	0	0	---
28						0	0	0	0	0	0	---
29						13	0	0	0	0	0	---
30						0	0	0	0	0	0	---
31						---	0	0	---	0	---	---
TOTAL						---	24.30	27.50	4.49	13.05	7.70	---
AC-FT						---	48	55	8.9	26	15	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.84	0.84	1.04	0.50	1.29	1.35	0.00

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 22, 1978

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 4	Gage 5			Gage 4	Gage 5	
1800		0.01	0	1930			43
05	0.02		0	35			43
10	.02	.08	0	40			40
15	.07	.12	0	45			40
20		.09	28	50			40
25		.06	100	55			40
1830	.02	.03	105	2000			40
35		.01	95	05			40
40	.01	.01	90	10			40
45		.01	70	15			40
50			58	20			40
55		.01	58	25			40
1900			50	2030			17
05			50	35			15
10			47	40			0
15			47				
20			43				
25	.01		43				
				TOTALS:	0.15	0.43	-

AUGUST 3, 1978

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 4	Gage 5			Gage 4	Gage 5	
1625			0	1800			70
1630	0.13		267	05			70
35	.39	0.15	819	10			70
40	.12	.12	615	15			70
45	.04		380	20			70
50			321	25			70
55			105	1830			70
1700			105	35			70
05	.01		105	40			70
10			100	45			70
15			95	50			70
20			86	55			70
25			82	1900			70
1730			78	05			70
35			78	10			70
40			74	15			70
45			74	20			70
50			74	25			70
55			70	1930			0
				TOTALS:	0.69	0.27	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	.36	0	0	0	0		
2				---	0	.46	0	0	0	0		
3				---	8.6	0	0	0	0	0		
4				---	0	.70	0	.29	0	0		
5				---	0	0	0	0	0	0		
6				---	0	0	0	0	0	0		
7				---	0	0	.84	2.7	0	0		
8				---	2.9	18	0	0	0	0		
9				---	.84	0	0	.62	0	0		
10				---	0	0	0	1.1	0	0		
11				---	0	0	0	0	0	0		
12				---	0	0	0	0	0	0		
13				---	0	0	0	0	0	0		
14				---	0	0	0	1.3(*)	0	0		
15				---	0	0	0	23(*)	1.0	0		
16				---	0	0	6.8(*)	8.9	0	0		
17				---	0	0	14(*)	0	0	0		
18				---	0	0	3.9	0	0	0		
19				---	0	0	0	0	0	0		
20				---	14	0	0	0	0	0		
21				---	.69	0	0	0	1.7	3.1		
22				---	0	0	0	0	0	0		
23				---	0	0	0	0	0	0		
24				---	0	0	0	0	0	0		
25				---	1.8	0	0	0	0	0		
26				---	0	0	0	0	0	0		
27				---	0	0	0	0	0	0		
28				0	0	0	0	0	0	0		
29				0	0	0	0	0	0	0		
30				0	0	0	0	2.2	0	0		
31				---	0	---	0	0	---	---		
TOTAL				---	28.83	19.52	25.54	40.11	2.70	---		
AC-FT				---	57	39	51	80	5.4	---		

(*) Unit values published in this report

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.07	2.40	1.43	0.93	1.96	0.49	0.36		

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 16, 1979

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
2040			0.04	0
45			.03	0
50		0.03	.01	0
55	0.01	.02	.01	0
2100	.02	.02	.02	0
05	.01	.02	.02	0
10	.01	.03	.01	0
15	.01	.01	.01	0
20	.01	.01	.02	0
25	.01	.01	.01	82
2130	.01	.01	.01	115
35	.01	.01	.01	115
40				130
45				110
50			.01	110
55		.01		100
2200			.01	86
05	.01	.01	.01	82
10	.01	.01		78
15		.01	.01	74
20	.01			66
25			.01	62
2230		.01		58
35			.01	50
40		.01		47
45	.01			43
50			.01	40
55	.01	.01		40
2300			0.01	40
05	0.01	0.01	.01	40
10				40
15	.01	.01		40
20			.01	40
25				40
2330		.01	.01	40
35		.01		40
40	.01			40
45				37
50				37
55				34
2400				34
05				31
10				31
15				28
20				25
25				25
0030				22
35				20
40				20
45				17
50				15
55				15
0100				0
TOTALS:	0.17	0.29	0.31	-

JULY 17, 1979

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
1630			0.08	0
35	0.02		.06	0
40	.02		.03	0
45	.02		.04	0
50	.01		.01	0
55	.01		.01	0
1700	.01			15
05	.03		.03	34
10	.07		.04	43
15	.04		.04	40
20	.01		.04	34
25	.01		.02	31
1730				31
35	.01			350
40				578
45			.01	534
50				419
55				293
1800	.01		.01	212
05				115
10			.01	110
15	.01			90
20				74
25				62
1830	0.01			58
35			0.01	50
40				47
45				43
50				40
55				37
1900				37
05				40
10				40
15				37
20				37
25				34
1930				31
35				28
40				25
45				22
50				20
55				17
2000				15
05				0
TOTALS:	0.29	0.00	0.44	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 14, 1979

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
1620	0.04	0.01		0
25	.05	.12		0
1630		.04		0
35				40
40		.01		40
45		.01		43
50				37
55				40

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
1700		0.01		37
05				34
10	0.01			28
15				25
20				22
25				17
1730				0
TOTALS:				
0.10 0.20 0.00 -				

AUGUST 14, 1979

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
2350		0.01	0.01	0
55				0
2400	0.01			0
05		.01	.01	0
10		.01	.01	0
15	.01			0
20		.01	.01	0
25				0
0030	.01			0
35				0
40				0
45	.01			0
50				0
55				15
0100				15
05	.01			0
10	.01			0
15	.01			0
20	.01			0
25	.01	.01		0
0130	.01		.01	0
35	.02	.01		0
40	.01	.01	.01	0
45	.01			0
50	.01	.01		0
55	.02		.01	0
0200	.01			0
05	.01		.01	0
10	.01	.01	.02	43
15		.01	.01	43
20		.02	.01	58
25	.02	.02	.02	66
0230		.02	.03	54
35	.01	.02	.02	54
40		.02	.01	66
45	.01	.02	.02	66
50	.01	.01	.02	74
55	.02	.02	.02	82
0300	.01	.02	.01	82
05	.01	.02	.03	82
10		.02	.02	78
15	.01	.01		74
20	.01		.01	70
25	.01	.01	.03	78
0330		.02	.02	58
35	.01	.01	.02	54
40		.01	.01	50
45			.02	47
50		.01	.02	54
55		.02	.02	62
0400		.02	.01	58
05	.01	.01	.01	58
10		.01	.01	58
15	.01	.01	.01	66
20		.01	.01	78
25		.01	.02	78

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
0430		0.02	0.02	86
35	0.01	.01	.01	86
40		.01		82
45				70
50	.01		.01	58
55				50
0500				47
05		.01	.01	43
10	.01	.01	.01	37
15		.01	.01	31
20	.01		.01	28
25	.01	.01		25
0530	.01			22
35	.01			22
40			.01	20
45	.01	.01	.01	20
50				20
55		.01		20
0600	.01			20
05			.01	20
10		.01		20
15			.01	22
20			.01	22
25	.01	.02	.01	22
0630		.01	.02	25
35		.01	.01	25
40		.01	.01	31
45		.01	.01	37
50				47
55		.01	.01	50
0700		.01	.01	50
05				54
10		.01	.01	54
15				50
20		.01		47
25				40
0730			.01	37
35				31
40				28
45				22
50				20
55				17
0800				17
05				20
10				20
15				17
20				17
25				15
0830				0
TOTALS:				
0.45 0.68 0.77 -				

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 15, 1979

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
1525				0
1530	0.01			0
35	.01			0
40	.01	0.01		0
45		.01		0
50	.01	.01	0.01	419
55				380
1600	.01	.01		642
05	.01		.01	321
10	.02	.02	.01	254
15	.02	.02	.03	155
20	.01	.02	.01	105
25	.01	.01		100
1630		.01	.01	100
35		.01		95
40				86
45				86
50				74
55				66

Time	Rainfall, in inches			Discharge, in cubic feet per second
	Gage 3	Gage 4	Gage 5	
1700				54
05				50
10				43
15				37
20				31
25				28
1730				22
35				22
40				20
45				17
50				15
55				0
TOTALS:	0.12	0.13	0.08	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	.89	0	0	0	
3			---	0	1.3	0	0	0	0	0	0	
4			---	0	0	0	0	0	.11	0	0	
5			---	0	0	0	0	0	2.5	0	0	
6			---	0	0	0	0	.50	11(*)	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	.43	0	0	0	1.2(*)	0	0	
9			---	0	0	1.0	0	0	13(*)	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	1.5	0	0	
12			---	0	0	0	0	0	0	0	0	
13			0	0	0	0	0	0	0	0	0	
14			0	0	2.5	0	0	63(*)	0	0	0	
15			0	0	0	0	0	0	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			1.2	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	
21			0	0	0	0	2.3	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	5.9	0	0	0	0	0	0	.26	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			.28	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	1.0	0	0	
29			0	0	0	0	0	0	0	0	---	
30			0	0	0	0	1.0	0	0	0	---	
31			.48	---	0	---	0	0	---	0	---	
TOTAL			---	5.90	4.23	1.00	3.30	64.39	30.31	0	---	
AC-FT			---	12	8.4	2.0	6.5	128	60	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.32	0.47	0.63	0.10	0.01	2.19	1.91	0.09	0.32	

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 14, 1980

Time	Rainfall, in inches				Discharge, in cubic feet per second	Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5			Gage 2	Gage 3	Gage 4	Gage 5	
0040	0.01				0	0530	0.01	0.01	0.01	0.01	307
45					0	35		.01	.01	.01	188
50					0	40					140
55		0.01			0	45			.01		100
0100		.01			0	50				.01	95
05					0	55	.01	.01			90
10					0	0600	.01				78
15					0	05	.04			.01	70
20					0	10	.06		.01		66
25					0	15	.06	.01			58
0130					0	20	.06	.02		.01	50
35					0	25	.04	.01	.01		100
40					0	0630	.01	.01	.01	.01	150
45					0	35	.01	.02		.01	177
50					0	40	.01	.02	.01	.01	145
55					0	45	.02	.03	.01	.02	130
0200					0	50	.03	.02	.02	.01	100
05					0	55	.03	.03	.02	.01	95
10					0	0700	.02	.03	.02	.02	95
15					0	05	.01	.02	.02	.02	95
20					0	10	.01	.02	.02	.02	95
25					0	15	.02	.02	.02		100
0230					0	20	.01		.01	.01	100
35					0	25	.01	.01	.01		100
40					0	0730	.02	.02	.01		100
45					0	35	.04	.01	.01	.01	90
50					0	40	.02	.02	.02	.01	90
55					0	45	.04	.01	.02	.01	95
0300					0	50	.06	.02	.02	.01	95
05					0	55	.02	.01	.01		105
10	.02				0	0800	.01	.01	.02	.01	115
15	.09	.01			0	05	.01	.01	.01		120
20	.16	.03			0	10	.01	.01		.01	145
25	.02	.04			0	15		.01	.01	.01	105
0330	.04	.03	0.01		0	20	.01	.01	.01		100
35	.14	.01	.01		224	25	.01	.01		.01	95
40	.11		.01		212	0830	.01	.01	.01		82
45	.23				242	35	.01	.01	.01		78
50	.28	.05		0.01	200	40					70
55	.21	.12	.05	.08	230	45	.01		.01		66
0400	.11	.09	.10	.10	188	50					58
05	.04	.14	.06	.10	561	55					54
10	.15	.15	.10	.06	671	0900					50
15	.26	.15	.12	.05	343	05				.01	43
20	.04	.15	.12	.07	343	10					43
25	.01	.15	.16	.15	188	15					37
0430	.08	.13	.15	.23	140	20					37
35	.15	.11	.14	.21	1070	25		.01			28
40	.14	.10	.11	.15	748	0930					25
45	.11	.12	.11	.10	989	35					22
50	.09	.11	.11	.05	1000	40					20
55	.05	.06	.12	.07	1080	45					17
0500	.03	.03	.06	.04	1000	50					15
05	.02	.03	.04	.02	1060	55					15
10	.01	.02	.04	.03	956	1000					0
15	.02	.01	.02	.02	768						
20	.01	.01	.01	.01	661						
25	.01	.01	.02	.02	578						
						TOTALS:	3.40	2.40	2.06	1.85	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SEPTEMBER 6, 1980

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0735				0.01	0
40	0.01	0.01	0.01	0.01	0
45		.01	.01	.01	0
50	.01	.01	.01	.01	0
55	.02			.02	0
0800	.01	.01	.01	.01	0
05	.01	.01		.02	0
10	.01	.01	.01	.02	0
15	.01	.01	.01	.02	0
20		.01	.01	.01	0
25	.01	.01	.01	.01	0
0830	.01	.01	.01	.02	0
35	.01	.01	.01	.01	37
40	.01	.01	.01	.01	43
45		.01			43
50	.01	.01	.01	.01	43
55	.01		.01		43
0900	.02	.01		.01	37
05	.01	.01	.01	.01	37
10	.01	.01	.01	.01	37
15	.01	.01	.01		37
20			.01	.01	37
25	.01	.01			37

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0930			0.01	0.01	37
35		0.01			43
40					43
45					43
50					43
55					43
1000					37
05					37
10					31
15					28
20					22
25					20
1030					15
35					0
TOTALS:	0.20	0.20	0.18	0.25	-

SEPTEMBER 6, 1980

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1920	0.14	0.07	0.05		0
25	.04	.08	.06		0
1930	.01	.02	.01		0
35	.01		.01		0
40	.02	.01	.02		0
45		.01	.01		300
50			.01		357
55					280
2000					200
05					155
10					120
15					100
20					90
25					78
2030		.01	.01		62
35				0.01	50
40					43
45					40
50					37
55					31

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2100					31
05					28
10					28
15					28
20					25
25					25
2130					22
35					20
40					17
45					15
50					0
TOTALS:	0.22	0.20	0.18	0.01	-

SEPTEMBER 8, 1980

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Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SEPTEMBER 9, 1980

Time	Rainfall, in inches				Discharge, in cubic feet per second	Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5			Gage 2	Gage 3	Gage 4	Gage 5	
0520	0.01		0.01		0	1200	0.01	0.01	0.01	0.01	47
25	.01				0	05		.01	.01	.01	47
0530	.01	0.01			0	10	.01	.01	.01	.01	50
35					0	15	.01		.01	.01	50
40		.01			0	20	.01	.01			54
45	.01				0	25	.01	.01	.01	.01	54
50	.01				0	1230	.01		.01	.02	50
55			.01		0	35		.02	.01	.01	47
0600	.01				0	40	.01	.01			50
05	.01	.01	.01	0.01	0	45		.01	.01	.01	50
10	.01		.01		0	50			.01	.01	50
15	.01	.01		.01	0	55	.01	.01	.01	.01	50
20	.01	.01	.01	.01	0	1300		.02	.01	.01	47
25		.01			0	05	.01	.01		.01	47
0630			.01	.01	0	10			.01		47
35	.01			.01	20	15		.01		.01	43
40					28	20		.01			43
45					31	25				.01	43
50				.01	34	1330			.01		43
55					34	35	.01		.02		37
0700	.01				31	40	.03	.01	.01	.02	37
05	.01	.01	.01	.01	28	45		.02		.01	34
10					25	50	.01	.01	.01	.01	31
15	.01			.01	22	55		.01		.01	31
20					20	1400	.01		.01	.01	31
25	.01				15	05		.01			31
0730	.01				0	10					37
35		.01	.01		0	15	.01	.01		.01	37
40					0	20			.01		43
45					0	25					43
50				.01	0	1430		.01		.01	43
55					0	35					40
0800					17	40					34
05					20	45					34
10					20	50					28
15					20	55					25
20					17	1500					22
25			.01		15	05					20
0830			.01		0	10					17
35		.01			0	15	.02		.01		15
40		.01		.01	0	20					0
45					0	25					0
50					0	1530	.02		.01		0
55					0	35	.01	.01		.01	0
0900					0	40	.01	.01	.01	.01	0
05	.01				0	45	.01		.01		0
10					0	50	.01	.01	.01		0
15			.01		0	55		.01	.01	.01	0
20	.01		.01		0	1600	.01	.01		.01	0
25	.02	.01	.01	.01	0	05	.01		.01		0
0930	.02	.01	.01	.01	0	10		.01	.01	.01	22
35		.01	.01		0	15	.01				31
40	.01	.01		.01	0	20	.01	.01	.01		37
45		.01	.01		0	25	.01	.01	.01	.01	37
50	.01			.01	0	1630					43
55					0	35		.01	.01		43
1000					0	40		.01		.01	43
05				.01	34	45					43
10					37	50					37
15			.01		37	55					37
20	.01				37	1700					37
25	.01	.01	.01		34	05	.01				34
1030		.01	.01		31	10					28
35	.01		.01		25	15				.01	25
40		.01			22	20	.01				22
45	.01			.01	22	25		.01			20
50	.01				20	1730					17
55	.01	.01	.01	.01	17	35	.01				15
1100	.02				15	40					15
05	.01	.01	.01	.01	17	45					0
10	.02	.01	.01	.01	20						
15	.01	.01		.01	20						
20	.01		.01	.01	28						
25	.01	.01	.01	.01	34						
1130	.01	.01	.01	.01	37						
35		.01	.01		43						
40	.01	.01	.01	.01	47						
45	.01	.01	.01	.01	47						
50	.01	.01	.01	.01	47						
55	.01	.02	.01	.01	47						
						TOTALS: 0.75 0.64 0.60 0.57 -					

Table 5.--MAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	.13	0	6.4	0	0	2.5(*)	0	
2				0	2.9	0	0	0	0	9.4(*)	0	
3				0	0	0	0	0	0	8.9(*)	0	
4				0	0	0	0	1.2	0	0	0	
5				0	0	0	0	9.1(*)	5.2(*)	0	0	
6				0	0	0	0	0	0	0	0	
7				0	0	0	9.5	7.5(*)	0	0	0	
8				0	0	0	0	0	0	0	0	
9				0	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	14(*)	0	0	0	
12				0	0	0	0	3.9	0	0	0	
13				1.7	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	.48(*)	0	2.2	0	0	0	0	
16				0	7.2(*)	0	0	.89	0	0	0	
17				0	0	0	0	3.9	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	9.3(*)	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	1.7	0	0	0	0	---	
26				0	0	0	.21	0	0	0	---	
27				0	0	1.9	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	.80	.34	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	2.1	0	---	0	---	
TOTAL				1.70	11.51	3.94	20.41	45.89	5.20	20.80	---	
AC-FT				3.4	23	7.8	40	91	10	41	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.17	0.45	0.53	1.26	1.27	0.49	0.25	0.05	

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 15, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2225					0
2230					0
35	0.01				0
40					0
45					0
50	.01				0
55					0
2300					0
05	.01				0
10		0.01			0
15			0.01		0
20					0
25	.02				0
2330	.01		.01		0
35	.01				0
40	.01				0
45		.02			0
50	.01	.01			0
55	.02	.02	.01		0
2400	.01	.03	.01		0
05	.01	.03	.01		37
10	.02	.03	.01		37
15	.01	.02	.03		40
20	.02	.02	.02		37
25	.02	.03	.03		50
0030	.03	.03	.02		90
35	.03	.01	.05		100
40	.04	.01	.04		90
45	.03	.01	.02		82
50	.01	.01	.02		95
55	.01		.01		100

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0100	0.01		0.01		90
05					90
10		0.01			90
15		.01	.01		78
20	.01	.01			78
25	.01	.01	.01		58
0130		.01	.01		58
35	.01		.01		58
40	.01	.01	.01		40
45	.01				40
50			.01		40
55	.01				34
0200		.01			34
05					34
10					40
15					40
20					40
25					31
0230			.01		31
35					31
40					22
45					22
50					22
55					15
0300					15
05					0
TOTALS:	0.43	0.36	0.38	0.00	-

MAY 16, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1045		0.03			0
50		.03			0
55	0.03				0
1100	.02		0.02		0
05			.02		0
10					0
15					0
20					0
25					17

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1130					37
35					37
40					31
45					31
50					15
55					0
TOTALS:	0.05	0.06	0.04	0.00	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 5, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1800	0.03				0
05	.08				0
10	.10	0.02			0
15	.09	.08			0
20	.15	.14		0.02	0
25	.15				0
1830	.05	.05		.01	300
35	.01	.02		.01	442
40	.01	.01		.01	500
45					434
50		.01			254
55					115
1900					115
05					90
10					74
15					62
20					47
25					40

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1930					37
35					28
40					25
45					25
50					20
55					17
2000					0
TOTALS:	0.67	0.33	0.00	0.05	-

NOTE.--Record lost at raingage 4

AUGUST 7, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1755		0.02			0
1800		.10		0.06	0
05	0.01	.14		.11	58
10	.05	.09		.06	95
15	.02	.01		.03	110
20		.01		.01	307
25					224
1830				.01	172
35					100
40					90
45					74
50					78
55					62
1900					50
05					43
10					37
15					34
20					28
25					28
1930					22
35					22
40					20
45					20
50					20
55					20
2000					17
05					17
10					17
15					17
20					17
25					17

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2030					15
35					15
40					15
45					15
50					15
55					15
2100					15
05					15
10					15
15					15
20					15
25					15
2130					15
35					15
40					15
45					15
50					15
55					15
2200					15
05					15
10					15
15					15
20					15
25					0
TOTALS:	0.08	0.37	0.00	0.28	-

NOTE.--Record lost at raingage 4

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 11, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second	Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5			Gage 2	Gage 3	Gage 4	Gage 5	
1505	0.01				0	2000	0.01	0.01			47
10					0	05	.01	.01			47
15					0	10					47
20	.04				0	15					47
25	.04				0	20					47
1530	.05				0	25	.01	.01			47
35	.01				0	2030					47
40					0	35					47
45					0	40					47
50					0	45					47
55					58	50					47
1600					50	55	.01				47
05					54	2100					37
10				0.01	47	05					37
15				.09	40	10					31
20		0.05		.13	58	15					31
25		.10		.02	70	20					25
1630		.06		.03	70	25					25
35		.03		.03	90	2130					25
40	.01	.02		.01	95	35				0.01	22
45	.02	.01		.02	90	40					22
50		.01		.02	82	45					22
55		.01			70	50					20
1700					70	55					20
05	.01				50	2200					20
10	.01				40	05					20
15					50	10					20
20					50	15					20
25	.03				34	20					17
1730	.01				34	25					17
35	.01				34	2230					17
40	.01				22	35					17
45					22	40					17
50					22	45					17
55	.01	.01			22	50					17
1800	.01	.01			22	55					17
05	.01				31	2300					17
10		.01			50	05					17
15	.01				62	10					17
20	.01	.01			62	15					17
25		.01			62	20					17
1830	.01				62	25					17
35		.01			62	2330					17
40		.01			62	35					17
45	.01				62	40					17
50		.01			62	45					17
55	.01	.01			62	50					15
1900		.01			62	55					15
05	.01	.01		.01	62	2400					15
10	.01	.02			62						
15	.01	.01			62						
20					47						
25		.01			47						
1930					47						
35	.01	.01			47						
40	.01				47						
45	.01	.01			47						
50		.01			47						
55	.01				47						
						TOTALS: 0.45 0.51 0.00 0.38 -					

NOTE.--Record lost at raingage 4

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 20, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2135					0
40	0.03	0.03			0
45	.09	.01			0
50	.11	.02			0
55	.14	.03			0
2200	.16				242
05	.02				459
10	.02				509
15					434
20					274
25					194
2230					100
35					90
40					78
45					62
50					47
55					47

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2300					37
05					31
10					25
15					20
20					17
25					17
2330					0
TOTALS:	0.57	0.09	0.00	0.00	-

NOTE.--Record lost at raingage 4 (no rain at raingage 5)

SEPTEMBER 5, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0600			0.01	0.01	0
05	0.01	0.01	.04	.01	0
10	.02	.05	.03	.02	0
15	.05	.04	.02	.04	0
20	.01	.02	.02	.04	0
25		.02	.01	.03	15
0630	.01	.02	.03	.01	0
35	.01	.01	.01	.02	22
40	.01	.02	.01	.01	66
45	.02	.01	.01	.02	66
50	.01	.02	.01	.01	66
55		.01	.01	.01	54
0700	.01	.01	.02	.01	62
05	.02	.02	.03	.02	74
10	.02	.02	.01	.03	54
15		.02	.01	.02	50
20				.01	50
25		.01	.01		50

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0730		0.01		0.01	50
35	0.01			.01	50
40				.01	50
45					43
50					43
55					34
0800					34
05					25
10					25
15					17
20					17
25					0
TOTALS:	0.21	0.32	0.29	0.35	-

SEPTEMBER 5, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1720		0.01	0.01	0.02	0
25	0.03	.03	.04	.05	0
1730	.02	.05		.02	0
35	.04	.01	.01	.01	0
40	.01	.01	.01		0
45	.06	.01			0
50	.01				0
55					28
1800					54
05					58
10					58
15					58
20					47
25					40

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1830					34
35					25
40					25
45					22
50					20
55					0
TOTALS:	0.17	0.12	0.07	0.10	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

OCTOBER 1, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0500		0.01			0
05		.01			0
10			0.01		0
15	0.01	.01			0
20					0
25					0
0530		.01	.01		0
35	.01		.01		0
40		.01			0
45	.01	.01	.01		0
50		.01			0
55			.01		0
0600		.01			0
05					0
10					0
15					0
20		.01	.01		0
25	.01		.01		0
0630		.01	.01		0
35	.01	.01	.01		0
40		.01	.01		0
45	.01	.01			0
50	.01		.01		0
55		.01			0
0700			.01		0
05	.01	.01			0
10			.01		0
15		.01	.01		0
20			.01		0
25	.01	.01	.01		15

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0730	0.01	0.01	0.01		15
35	.01	.01			15
40	.01	.01	.01		15
45	.01	.01			15
50	.01		.01		22
55		.01	.01		22
0800		.01	.01		22
05	.01	.01	.01		22
10	.01	.01	.01		22
15	.02	.01	.01		28
20	.01	.01	.01		28
25	.01	.01	.01		28
0830		.01			28
35			.01		34
40	.01	.01			34
45					34
50					34
55	.01				34
0900		.01	.01		34
05					34
10					34
15					25
20	.01				25
25					25
0930		.01	.01		25
35					25
40					17
45					17
50	.01				0
TOTALS:	0.24	0.33	0.29	0.00	-

OCTOBER 2, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1655		0.02	0.01		0
1700	0.01			0.01	0
05					0
10					0
15		.04	.09		0
20	.03	.19	.15	.02	0
25	.13	.15	.08	.04	0
1730	.03	.03	.01	.01	25
35	.03				100
40					125
45					280
50			.02		280
55		.02	.02		100
1800	.03	.03	.03		105
05	.02	.03	.01	.01	100
10	.02	.01			74
15					54
20					54
25					66

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1830					66
35					66
40			0.01		66
45	0.01	0.01			54
50					43
55					43
1900					34
05					22
10					22
15					15
20					15
25					15
1930					0
35			.01		0
TOTALS:	0.31	0.59	0.44	0.09	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2240		0.01			0
45					0
50					0
55					0
2300	0.01	.01	0.02		0
05	.01	.02			0
10			.01	0.01	0
15		.01	.02		0
20	.19	.07	.07	.01	0
25	.08	.04	.01	.01	0
2330					0
35	.01				0
40					274
45			.06		287
50		.13	.10	.06	145
55	.10	.07	.01	.01	125
2400	.01	.01		.01	95
05			.01		95
10					86
15	.01	.01	.01		82
20	.01		.01		66
25		.01	.01		54
0030	.01	.02	.01		54
35	.02	.01	.01		70
40	.03	.02	.02		100
45	.01	.02	.01	.01	110
50	.02	.02	.02		145
55	.02	.01	.01	.01	135

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
0100	0.01	0.01	0.01		95
05		.02	.01	0.01	90
10	.01	.01	.01		78
15					66
20					66
25					54
0130					54
35					66
40					82
45	.01				90
50					86
55					86
0200					70
05					78
10					74
15					62
20					53
25					47
0230					47
35					31
40					31
45					22
50					22
55					15
0300					15
05					15
10					15
15					0
TOTALS:	0.57	0.53	0.45	0.14	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	20(*)	0	0	0	
2			---	0	0	0	0	1.9(*)	0	0	0	
3			---	0	0	0	0	.57	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	.38	0	0	0	0	0	0	
6			---	0	0	0	0	.61	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	2.1	
11			---	0	0	0	0	0	2.7	0	0	
12			---	0	0	0	0	13(*)	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	3.0	
18			---	0	0	0	0	1.2	4.1	0	1.5	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	0	0	0	5.3	0	0	
21			---	0	0	0	0	0	3.2	0	0	
22			---	0	6.8(*)	0	16(*)	0	0	0	0	
23			---	0	0	0	0	0	0	0	0	
24			---	0	1.8	0	0	.95	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	1.3	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	.13	1.4	0	0	0	0	
31			0	---	0	---	20(*)	0	---	0	---	
TOTAL			---	0	8.98	.13	38.70	38.23	15.30	0	6.60	
AC-FT			---	0	18	.3	77	76	30	0	13	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.09	0.05	0.77	0.02	1.27	1.51	1.07	0.16	0.80	



Photograph 7.--Streamflow past gage at Hahn Arroyo (08329840). Storm is that of August 1, 1982.

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 22, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1540	0.01			0.03	0
45	.01		0.01	.02	0
50	.01		.02	.03	0
55	.03		.01	.03	0
1600	.02		.02	.03	0
05	.03		.02	.03	0
10	.03		.02	.03	0
15	.04		.02	.02	0
20	.02		.02	.03	0
25	.03		.03	.03	43
1630	.02		.02	.02	90
35	.02		.02	.02	100
40	.02		.02	.02	110
45	.02		.02	.01	100
50			.02	.02	105
55	.03		.02	.02	100
1700	.01		.02	.01	90
05	.02		.02	.02	95
10	.01		.02	.02	90
15	.02		.01	.01	95
20	.01		.02	.02	95
25	.01		.01	.01	86

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1730			0.01		86
35				0.01	82
40			.01		82
45	0.01		.01	.01	74
50					58
55	.01		.01	.01	54
1800					50
05					40
10					40
15					40
20					28
25					28
1830					22
35					22
40					22
45					17
50					17
55					0
TOTALS:	0.44	0.00	0.43	0.51	-

MAY 22, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1540	0.01			0.03	0
45	.01			.02	0
50	.01			.03	0
55	.03			.03	0
1600	.02			.03	0
05	.03			.03	0
10	.03			.03	0
15	.04			.02	0
20	.02			.03	0
25	.03			.03	0
1630	.02			.02	0
35	.02			.02	0
40	.02			.02	0
45	.02			.01	0
50				.02	0
55	.03			.02	0
1700	.01			.01	0
05	.02			.02	0
10	.01			.02	0
15	.02			.01	0
20	.01			.02	0
25	.01			.01	0

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1730					0
35				0.01	0
40					0
45	0.01			.01	0
50					0
55	.01			.01	0
1800					0
05					40
10					40
15					40
20					28
25					28
1830					22
35					22
40					22
45					17
50					17
55					0
TOTALS:	0.44	0.00	0.00	0.51	-

NOTE.--Record lost at raingage 3

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

JULY 22, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1615	0.06				0
20	.03	0.06	0.04	0.01	0
25	.01	.04	.01	.02	0
1630	.17	.01	.01	.02	0
35	.05	.10	.02	.01	0
40	.03	.24	.07	.02	37
45	.05	.08	.06	.06	161
50	.03	.08	.03	.04	248
55	.06	.14	.03	.07	188
1700	.05	.20	.03	.14	177
05	.04	.20	.13	.15	380
10	.05	.03	.08	.10	615
15	.06	.03	.03	.03	748
20		.03	.04	.02	633
25			.01	.01	403

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1730				0.01	293
35					115
40				.01	100
45					86
50					70
55					54
1800					47
05					40
10					31
15					28
20					22
25					20
1830					17
35					17
40					0
TOTALS:	0.69	1.29	0.59	0.72	-

JULY 31, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1925	0.04				0
1930	.30				0
35	.32	0.06	0.02	0.01	0
40	.27	.34	.25	.08	0
45	.05	.16	.16	.04	671
50	.02	.01	.03	.01	680
55	.02	.01	.02		690
2000	.01				709
05	.01	.01			699
10	.01		.01		475
15					365
20					130
25					100
2030					86
35					70
40					58
45					54
50					43
55					40

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
2100					40
05					28
10					25
15					22
20					20
25					20
2130					17
35					15
40					15
45					0
TOTALS:	1.05	0.59	0.49	0.14	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

AUGUST 1, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1640	0.01				0
45	.02				0
50	.15				0
55	.15	0.13	0.11		0
1700	.10	.30	.18		0
05	.06	.23	.17	0.10	0
10	.10	.41	.35	.14	597
15	.04	.22	.12	.17	624
20	.05	.01	.01	.04	892
25	.02	.01			719
1730	.01		.01		738
35					570
40	.03				426
45	.01				188
50	.01			.02	110
55	.01			.01	100
1800					95
05	.01	.01	.01		90
10					78
15					70
20					62
25					58

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1830					54
35					54
40					43
45					37
50					37
55					28
1900					25
05					22
10					17
15					17
20					15
25					15
1930					0
TOTALS:	0.78	1.32	0.96	0.48	-

AUGUST 2, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1430				0.05	0
35	0.04	0.03	0.03	.08	0
40	.05	.05	.03	.01	0
45		.01		.01	0
50			.01		22
55					22
1500					40
05					47
10					40
15					28
20					58
25					58

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1530					47
35					40
40					31
45					28
50					25
55					22
1600					20
05					17
10					15
15					0
TOTALS:	0.09	0.09	0.07	0.15	-

AUGUST 12, 1982

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1735	0.01				0
40	.05				0
45	.11		0.01		0
50	.12				0
55	.09	0.01	.01		0
1800	.05	.09	.09	0.01	0
05	.06	.23	.13	.06	280
10	.02	.13	.12	.09	517
15	.01	.16	.10	.11	578
20	.03	.07	.06	.11	140
25	.02	.03	.04	.02	500
1830	.01	.02	.02	.03	380
35	.02	.02	.02	.01	380
40		.01		.01	254
45			.01		140
50	.01	.01			105
55					90

Time	Rainfall, in inches				Discharge, in cubic feet per second
	Gage 2	Gage 3	Gage 4	Gage 5	
1900			0.01		78
05					62
10					54
15					47
20					37
25					31
1930					28
35				0.01	22
40					20
45		0.01			15
50					15
55	0.01				15
2000			.01	.01	0
TOTALS:	0.62	0.79	0.63	0.47	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	7.7	0	0
2			---	0	0	0	0	0	0	2.8	0	---
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	.99	---
5			---	0	0	0	0	0	0	1.4	0	---
6			---	0	0	0	4.4	0	0	0	0	---
7			---	0	0	0	0	0	1.8(*)	0	0	---
8			---	0	0	0	0	0	7.6(*)	3.5	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	.70(*)	0	0	---
11			---	0	0	0	0	0	3.5	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	0	0	0	0	---
14			0	0	0	0	0	.13	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	.18	1.1	0	0	0	---
19			0	0	.11	0	0	0	0	0	0	---
20			0	0	0	0	0	0	0	7.2	0	---
21			0	0	0	0	0	0	0	0	1.5(*)	---
22			0	0	0	0	0	0	0	0	0	---
23			0	0	0	.38	0	0	0	0	0	---
24			0	0	0	3.6	0	0	0	0	0	---
25			0	0	0	6.0(*)	0	.64	0	0	0	---
26			0	0	0	0	0	0	0	0	0	---
27			0	0	0	0	0	0	7.3	0	0	---
28			0	0	.16	0	0	0	0	0	0	---
29			0	0	.66	0	0	0	0	0	0	---
30			0	0	0	0	.57	0	0	0	0	---
31			0	---	0	---	9.3(*)	0	---	0	---	---
TOTAL			---	0	.93	9.93	14.45	1.87	21.10	22.60	2.49	---
AC-FT			---	0	1.8	20	29	3.7	42	45	4.9	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.00	0.04	0.35	0.69	0.91	0.47	1.26	1.36	0.24	0.00

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
1420						0
25			0.01	0.01		0
1430	0.08	0.03	.02	.04		0
35	.16	.06	.14	.13		22
40	.09	.05	.14	.04		66
45	.01	.01	.03			105
50				.01		135
55			.01			230
1500						242
05				.01		125
10		.01	.01	.01		105
15						82
20						66
25						54
1530						47
35						40
40						34
45	.01					28
50						22
55						20
1600						17
05						15
10	.01			.01		15
15	.04	.02	.07	.02		15
20	.01		.02			15
25		.01				15
1630	.02			.01		15
35	.01		.01			25
40						25
45						20
50						17
55						22
1700						22
05						22
10						17
15						17
20						15
25						0
TOTALS:	0.44	0.19	0.46	0.29	0.00	-

NOTE.--Record lost at raingage 5

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

JULY 31, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
0225						0
0230		0.01				0
35	0.04	.02				0
40	.03	.02				0
45	.02	.01				0
50	.06	.02				0
55	.04		0.01	0.01		0
0300	.01	.04	.01			0
05	.01	.02				0
10	.01	.04	.01	.03		95
15	.02	.03	.01	.02		100
20	.09	.05	.02	.02		100
25	.10	.02	.04	.03	0.02	110
0330	.05	.02	.02	.01	.05	125
35	.02	.01	.01	.01	.07	200
40	.02	.01	.01	.01	.01	194
45	.02	.01	.02	.01	.01	194
50	.01	.02	.01	.01	.01	105
55	.02	.02	.02	.01	.02	100
0400	.01		.01	.01	.01	100
05	.02	.02	.01	.01	.01	90
10	.02	.02	.01	.01	.01	78
15	.02	.01	.01	.01		74
20	.01	.01	.01		.01	74
25	.01	.01		.01	.01	66
0430	.01	.02	.01	.01	.01	66
35	.01	.02	.01	.01	.01	66
40	.01		.01	.01	.01	66
45	.01		.01	.01	.01	66
50	.01		.01		.01	66
55	.01	.01		.01		70
0500						62
05						58
10					.11	54
15						47
20						43
25						40
0530			.01			34
35						31
40						25
45						22
50						20
55						17
0600					.10	15
05				.01	.01	0
TOTALS:	0.72	0.49	0.30	0.29	0.51	-

SEPTEMBER 7, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
1805						0
10	0.01					0
15	.11	0.01		0.01		0
20	.16		0.07	.06		0
25	.18	.01				0
1830	.02	.01				0
35	.01			.01		0
40			.01			0
45	.01					0
50						86
55	.01					78
1900						78
05						66
10						58
15						47
20						37
25						28
1930						22
35						17
40						0
TOTALS:	0.51	0.03	0.09	0.08	0.00	-

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329840) -- Continued

SEPTEMBER 7, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
2350						0
55		0.01				0
2400		.02		0.01		0
05	0.04			.02		0
10	.04	.01		.04		0
15	.02			.03		0
20	.02	.01				0
25	.01	.01		.01		0
0030						0
35				.01		0
40	.01	.06		.04		0
45	.04	.04		.05		0
50	.03	.02		.03		0
55	.01	.02		.02		58
0100	.02	.01		.02		70
05	.01	.02		.01		86
10	.01			.02		78
15	.01					100
20	.01					105
25	.01	.01		.03		95
0130	.01	.02		.03		100
35	.02	.03		.03		115
40	.03	.02		.03		105
45	.02	.03		.03		105
50	.02	.01				100
55	.03			.01		90
0200	.01	.01				78
05						70
10						62
15						70
20						86
25						95
0230						100
35						110
40						82
45						66
50						50
55						40
0300						31
05						25
10						22
15						20
20						0
TOTALS:	0.43	0.36	0.00	0.47	0.00	-

NOTE.--Record lost at raingage 3

Table 5.--HAHN ARROYO AT ALBUQUERQUE (08329540) -- Concluded

SEPTEMBER 10, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
2245						0
50	0.02					0
55	.03					0
2300	.07					0
05	.09					0
10	.04					0
15	.10	0.01				0
20	.06		0.05	0.08	0.02	0
25	.02		.07	.06	.02	0
2330			.02	.02	.03	0
35	.01				.04	22
40		.06			.04	58
45		.13	.03		.01	47
50		.01	.15	.02	.01	28
55			.08	.03	.01	22
2400			.06	.06	.02	50
05			.01	.02	.01	218
10			.01		.02	135
15				.01		100
20						95
25						74
0030		.01			.01	58
35			.01	.01	.01	47
40		.01				40
45			.01		.01	34
50				.01		28
55					.01	25
0100				.01	.01	20
05					.01	20
10				.01		17
15					.01	17
20						15
25					.01	15
0130						15
35						15
40						0
TOTALS:	0.44	0.24	0.50	0.34	0.31	-

NOVEMBER 21, 1983

Time	Rainfall, in inches					Discharge, in cubic feet per second
	Gage 1	Gage 2	Gage 3	Gage 4	Gage 5	
1140						0
45				0.01		0
50	0.01					0
55				.01	0.03	0
1200				.03	.04	0
05	.03			.01	.02	0
10	.02			.01	.01	0
15	.01			.01		0
20				.01	.01	0
25	.01					15
1230				.01	.01	15
35	.01					15
40				.01	.01	28
45	.01					28
50						28
55						43
1300						47
05						47
10						40
15						25
20						25
25	.01			.01		25
1330						25
35						15
40	.01					0
TOTALS:	0.12	0.00	0.00	0.12	0.13	-

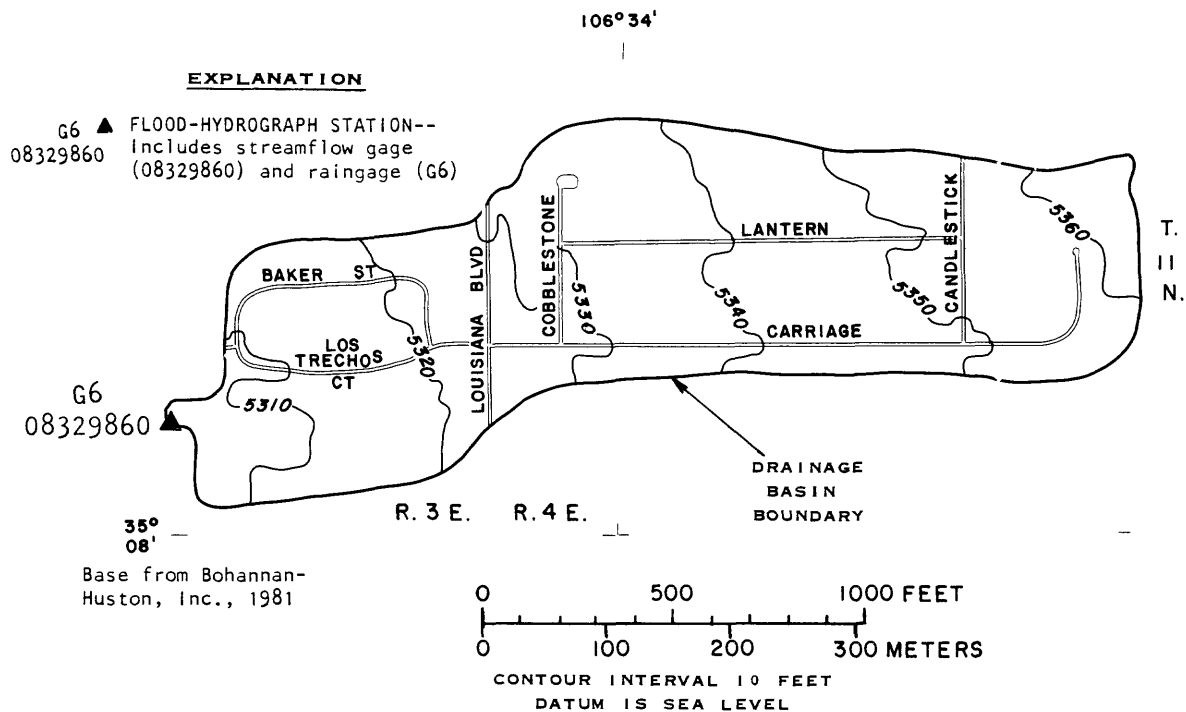


Figure 3.--Drainage basin for Villa del Oso Drain (08329860).

Table 6.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860), 1976-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 08 min 04 sec, long 106 deg 34 min 16 sec, in SE1/4 SE1/4 sec.36, T.11 N., R.3 E., Bernalillo County, Hydrologic Unit 13020203, on left bank 60 ft (18 m) west of northwest corner of parking lot for apartments at 4215 Louisiana Blvd NE and 1,550 ft (472 m) northwest of intersection of Montgomery and Louisiana Blvd, in Albuquerque.

DRAINAGE AREA.--0.052 sq mi (0.135 sq km).

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

GAGE.--Water-stage recorder and concrete control. Altitude 5,302 ft (1,616.05 m), from topographic orthophoto map.

REMARKS.--Records good. Recording rain gage at station. Basin drains residential area.

STAGE-DISCHARGE RELATION.--Rating developed based on point of zero flow, 17 discharge measurements between discharges 0.17 cu ft per sec (0.005 cu m per sec) and 4.5 cu ft per sec (0.13 cu m per sec) and slope-area measurement at discharge of 30 cu ft per sec (0.85 cu m per sec).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 34 cu ft per sec (0.963 cu m per sec) Aug. 1, 1982, gage height, 2.14 ft (0.652 m), from rating curve extended above 5.0 cu ft per sec (0.14 cu m per sec) on basis of slope-area measurement at gage height 2.06 ft (0.628 m); no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1976, 17 cu ft per sec (0.481 cu m per sec) Aug. 12, gage height, 1.84 ft (0.561 m); no flow most of the time.

Calendar year 1977: Maximum discharge, 8.1 cu ft per sec (0.229 cu m per sec) Sept. 4, gage height, 1.62 ft (0.494 m); no flow most of the time.

Calendar year 1978: Maximum discharge, 30 cu ft per sec (0.850 cu m per sec) Aug. 3, gage height, 2.06 ft (0.628 m); no flow most of the time.

Calendar year 1979: Maximum discharge, 8.1 cu ft per sec (0.229 cu m per sec) July 17, gage height, 1.62 ft (0.494 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 28 cu ft per sec (0.793 cu m per sec) Aug. 14, gage height, 2.05 ft (0.625 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 24 cu ft per sec (0.680 cu m per sec) July 1, gage height, 1.99 ft (0.607 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 34 cu ft per sec (0.963 cu m per sec) Aug. 1, gage height, 2.14 ft (0.652 m); no flow most of the time.

Calendar year 1983: Maximum discharge, 28 cu ft per sec (0.793 cu m per sec) June 25, gage height, 2.05 ft (0.625 m); no flow most of the time.



Photograph 8.--Villa del Oso Drain (08329860). Direction of view is upstream.

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1976 TO DECEMBER 1976
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0	0	0
2						---	0	0	0	0	0	0
3						---	0	0	0	0	0	0
4						---	0	0	0	0	0	0
5						---	0	0	0	0	0	0
6						---	0	0	0	0	0	0
7						---	0	0	0	0	0	0
8						---	0	0	0	0	0	0
9						---	0	0	0	0	0	0
10						---	0	0	0	0	0	0
11						---	0	0	0	0	0	0
12						---	0	.25(*)	0	0	0	0
13						---	0	0	0	0	0	0
14						---	0	0	0	0	0	0
15						---	0	0	0	0	0	0
16						---	0	0	0	0	0	0
17						---	0	.01	0	0	0	0
18						---	0	.19	0	0	0	0
19						---	0	.02	0	0	0	0
20						---	0	0	0	0	0	0
21						0	.04	0	0	0	0	0
22						0	0	0	0	0	0	0
23						0	0	0	0	0	0	0
24						0	0	.08	.10	0	0	0
25						0	.03	0	0	0	0	0
26						0	0	0	0	0	0	0
27						0	0	0	0	0	0	0
28						0	0	0	0	0	0	0
29						0	0	0	0	0	0	0
30						0	0	0	0	0	0	0
31						---	.05	0	---	0	---	0
TOTAL						---	.12	.55	.10	0	0	0
AC-FT						---	.2	1.1	.2	0	0	0

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1976 TO DECEMBER 1976

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
						0.61	1.35	0.24	0.05	0.04	0.19

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 12, 1976

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1805		0	2000		0.07
10		4.9	05		.07
15		8.4	10		.06
20		15	15		.06
25		11	20		.05
1830		7.2	25		.05
35		4.2	2030		.04
40		2.9	35		.04
45		2.4	40		.03
50		1.9	45		.03
55		1.5	50		.02
1900		1.1	55		.02
05		.82	2100		0
10		.67	-----		
15		.47	TOTAL:	0.00	-
20		.32			
25		.27			
1930		.20			
35		.18			
40		.14			
45		.12			
50		.09			
55		.08			

NOTE.--Record lost for raingage 6; discharge below 0.2 cu ft per sec estimated (event was peak for year)

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	.04	0	0	0
3	0	0	0	.02	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	.03(*)	0	0	0
5	0	0	0	0	0	0	0	0	.08	0	0	0
6	0	0	0	0	0	0	0	0	0	.08	.06(*)	0
7	0	0	0	0	0	0	0	0	0	0	.02	0
8	0	0	0	0	.57	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	.09	0	0	0
12	0	0	0	0	.03	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	.08	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	.04	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	.10(*)	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	.15	0	0	0	0	0
26	0	0	.02	0	0	0	0	0	0	0	0	0
27	0	0	.02	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	---	0	0	0	0	0	0	0	0	0	0
30	0	---	0	0	0	0	0	0	0	0	0	0
31	0	---	0	---	0	---	0	0	---	0	---	0
TOTAL	0	0	.04	.06	.60	0	.25	.08	.24	.08	.08	0
AC-FT	0	0	.08	.1	1.2	0	.5	.2	.5	.2	.2	0

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0.43	0.38	0.48	0.62	0.12	0.01	0.65	0.25	0.44	0.25	0.60	0.16

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 22, 1977

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	
-----			-----		
1620		0	1800		0.06
25	0.03	0	05		.06
1630	.11	.82	10		.05
35	.04	4.0	15		.05
40	.05	6.6	20		.04
45	.05	4.9	25		.04
50	.02	4.4	1830		.03
55		3.1	35		.03
1700		1.7	40		.02
05		.91	45		.02
10		.53	50		0
15		.32	-----		
20		.24	TOTAL:	0.30	-
25		.18			
1730		.14			
35		.12			
40		.09			
45		.08			
50		.07			
55		.07			

NOTE.--Discharge below 0.2 cu ft per sec estimated

SEPTEMBER 4, 1977

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	6	feet per	Time	6	feet per
		second			second

2340		0	0130		0.07
45		.32	35		.07
50		4.9	40		.06
55		8.1	45		.06
2400		6.0	50		.05
05		3.1	55		.05
10		1.6	0200		.04
15		1.7	05		.04
20		1.8	10		.03
25		1.7	15		.03
0030		1.3	20		.02
35		.91	25		.02
40		.74	0230		0
45		.53	-----		
50		.41	TOTAL:	0.00	-
55		.32			
0100		.24			
05		.18			
10		.14			
15		.12			
20		.09			
25		.08			

NOTE.--Record lost for raingage 6; discharge below 0.2 cu ft per sec estimated (event was peak for year)

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

NOVEMBER 6, 1977

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 6	feet per second		Gage 6	feet per second
-----			-----		
1805		0	2200		0.20
10	0.01	0	05		.18
15	.01	0	10		.14
20	.01	0	15		.12
25	.01	0	20	0.01	.09
1830		0	25	.05	.08
35		0	2230		.07
40		0	35		.07
45		0	40		.06
50	.01	0	45		.06
55	.01	0	50		.05
1900		0	55		.05
05		0	2300	.01	.04
10		0	05	.01	.04
15		0	10		.03
20		0	15	.01	.36
25		0	20	.01	1.1
1930		0	25	.01	.91
35		.27	2330	.05	1.5
40		.41	35	.02	1.2
45	.03	.32	40	.01	.82
50	.02	.47	45		.53
55	.01	.74	50	.01	.36
2000	.01	.67	55		.27
05	.01	.53	2400		.20
10	.01	.41	05		.18
15		.32	10		.14
20		.24	15		.12
25		.18	20	.01	.09
2030		.14	25		.08
35		.12	0030		.07
40		.09	35		.07
45		.08	40		.06
50		.07	45		.06
55		.07	50		.05
2100		.06	55		.05
05		.06	0100		.04
10		.05	05		.04
15		.05	10		.03
20	.01	.04	15		.03
25		.53	20		.02
2130		.74	25		.02
35		.67	0130		0
40		.74	-----		
45		.59	TOTAL:	0.37	-
50		.41			
55		.32			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	.01	0	0	0	0	0	0	0	0	0
2	0	0	0	0	.05(*)	0	0	0	0	0	0	0
3	0	0	.03	0	0	0	0	.40(*)	0	0	.15	0
4	0	0	0	0	0	0	0	.03(*)	0	0	0	0
5	0	0	0	0	0	0	0	.02	0	0	0	0
6	0	.02	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	.02	0	0	0	0	0	0	0	0	0	0
9	0	0	0	.01	0	0	0	0	0	0	0	---
10	0	0	0	0	0	0	0	0	0	0	0	---
11	0	0	0	0	0	0	0	0	0	0	.15	---
12	0	0	0	0	0	0	0	0	0	0	.08	---
13	0	0	0	0	0	0	0	0	0	0	0	---
14	0	0	0	0	0	0	.10	0	0	0	0	---
15	0	0	0	0	0	0	0	0	0	0	0	---
16	0	0	0	0	0	0	0	0	0	0	.04	---
17	.03	0	0	0	0	0	0	0	.07(*)	0	0	---
18	0	0	0	0	0	0	0	0	0	0	0	---
19	0	0	0	0	0	0	0	.13(*)	0	0	0	---
20	0	0	0	0	.20	0	.04	0	0	0	0	---
21	0	0	0	0	0	0	0	0	0	.20	0	---
22	0	0	0	0	0	0	.20(*)	0	0	0	0	---
23	0	0	.01	0	0	0	0	0	0	.06	0	---
24	0	0	0	0	0	0	0	0	0	0	.06	---
25	0	0	0	0	0	0	0	0	0	0	.08	---
26	0	0	0	0	0	0	0	0	0	0	0	---
27	0	0	0	0	0	0	0	0	0	0	0	---
28	0	.03	0	0	0	0	0	0	0	0	0	---
29	0	---	0	0	0	.15	0	0	0	0	0	---
30	0	---	0	0	0	0	0	0	0	0	0	---
31	0	---	0	---	0	---	0	0	---	0	---	---
TOTAL	.03	.07	.05	.01	.25	.15	.34	.58	.07	.26	.56	---
AC-FT	.06	.1	.10	.02	.5	.3	.7	1.2	.1	.5	1.1	---

(*) Unit values published in this report

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1.07	1.02	0.67	0.13	0.76	0.89	1.00	1.69	0.43	0.94	1.11	---

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 2, 1978

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
0240		0	0600	0.01	0
45	0.01	0	05	.01	0
50		0	10	.01	.20
55		0	15	.01	.24
0300		0	20	.01	.27
05	.01	0	25		.36
10	.02	0	0630	.01	.41
15		0	35	.02	.59
20		0	40	.02	.74
25		0	45	.02	.91
0330		0	50	.01	1.0
35		0	55	.02	1.2
40		0	0700	.01	1.2
45		0	05	.01	1.1
50		0	10	.01	1.0
55	.01	0	15		.82
0400		0	20	.01	.59
05		0	25		.47
10	.01	0	0730		.36
15		0	35		.32
20		0	40	.01	.24
25		0	45		.20
0430	.01	0	50		.18
35		0	55	.01	.14
40		0	0800		.12
45		0	05		.09
50		0	10		.08
55		0	15		.07
0500		0	20		.07
05		0	25		.06
10		0	0830		.06
15	.01	0	35		.05
20		0	40		.05
25		0	45		.04
0530		0	50		.04
35		0	55		.03
40	.01	0	0900		.03
45		0	05	.01	.02
50	.01	0	10		.02
55		0	15		0
			TOTAL:	0.32	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 22, 1978

-----			-----		
Time	Rainfall, in inches	Discharge,	Time	Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
	6	feet per		6	feet per
-----			-----		
1800	0.03	0	2000		0.08
05	.08	4.2	05		.07
10	.17	15	10		.07
15	.08	12	15		.06
20	.02	6.3	20		.06
25		3.3	25		.05
1830	.02	3.1	2030		.05
35	.01	3.1	35		.04
40	.01	2.6	40		.04
45		1.9	45		.03
50		1.4	50		.03
55		1.0	55		.02
1900		.82	2100		.02
05	.01	.59	-----		
10		.41	TOTAL:	0.43	-
15		.32			
20		.24			
25		.20			
1930		.20			
35		.20			
40		.18			
45		.14			
50		.12			
55		.09			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 3, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 6	feet per second	Time	Gage 6	feet per second

1620		0	1930		0.20
25	0.06	0	35		.20
1630	.22	30	40		.20
35	.19	23	45		.20
40	.04	18	50		.20
45	.03	12	55		.20
50		8.7	2000		.20
55		5.5	05		.20
1700		3.5	10		.20
05		2.1	15		.20
10		1.4	20		.20
15		.91	25		.20
20		.67	2030		.20
25		.47	35		.20
1730		.36	40		.20
35		.24	45		.18
40		.20	50		.14
45		.20	55		.12
50		.20	2100		.09
55		.20	05		.08
1800	.01	.20	10		.07
05		.20	15		.07
10		.20	20		.06
15		.20	25		.06
20		.20	2130		.05
25		.20	35		.05
1830		.20	40		.04
35		.20	45		.04
40		.20	50		.03
45		.20	55		.03
50		.20	2200		.02
55		.20	05		.02
1900		.20	10		0
05		.20	-----		
10		.20	TOTAL:	0.55	-
15		.20			
20		.20			
25		.20			

NOTE.--Discharge below 0.2 cu ft per sec estimated

AUGUST 4, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 6	feet per second	Time	Gage 6	feet per second
-----			-----		
1240		0	1400		0.08
45		0	05		.07
50	0.02	0	10		.07
55	.03	.41	15		.06
1300	.01	1.4	20		.06
05	.02	1.7	25		.05
10	.03	1.3	1430		.05
15		.91	35		.04
20	.01	.59	40		.04
25		.41	45		.03
1330		.32	50		.03
35		.24	55		.02
40		.18	1500		.02
45		.14	05		0
50		.12	-----		
55		.09	TOTAL:	0.12	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 19, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 6	feet per second	Time	Gage 6	feet per second
-----			-----		
1805	0.01	0	2200	0.02	1.0
10		0	05	.02	1.1
15	.01	0	10	.02	1.2
20	.01	0	15	.02	1.3
25		0	20	.02	1.4
1830		0	25	.01	1.4
35	.01	0	2230	.02	1.4
40		0	35	.01	1.4
45	.01	0	40	.01	1.3
50		0	45	.01	1.1
55		0	50	.01	1.0
1900		0	55	.01	.82
05		0	2300	.01	.74
10		0	05	.01	.74
15		0	10		.67
20		0	15	.01	.59
25		0	20	.01	.53
1930	.01	0	25		.47
35	.01	0	2330	.01	.41
40	.01	0	35		.36
45	.01	0	40		.32
50	.01	0	45		.24
55	.03	.27	50		.20
2000	.01	.59	55		.18
05	.02	.74	2400		.14
10	.02	1.0	05		.14
15	.01	1.0	10		.12
20	.01	1.0	15		.09
25	.01	.91	20		.08
2030	.01	.74	25		.07
35	.01	.74	0030		.07
40	.01	.59	35		.06
45	.01	.59	40		.06
50	.01	.53	45		.05
55	.01	.53	50		.05
2100	.02	.53	55		.04
05	.01	.53	0100		.04
10	.01	.59	05		.03
15	.02	.74	10		.03
20	.01	.74	15		.02
25	.01	.74	20		.02
2130	.01	.74	25		0
35	.01	.74	-----		
40	.02	.74	TOTAL:	0.67	-
45	.01	.74			
50	.02	.74			
55	.02	.91			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 17, 1978

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
0200		0	0430		0.32
05		0	35		.24
10		0	40		.18
15		0	45		.14
20		0	50		.12
25		0	55		.09
0230		.74	0500		.08
35	0.01	.47	05		.07
40	.05	1.4	10		.07
45	.02	1.0	15		.06
50	.01	.59	20		.06
55		.41	25		.05
0300		.32	0530		.05
05		.24	35		.04
10		.18	40		.04
15		.14	45		.03
20		.12	50		.03
25		.09	55		.02
0330		.08	0600		.02
35		.07	-----		
40		.07	TOTAL:	0.25	-
45		.06			
50		.06			
55		2.2			
0400		3.5			
05	.12	2.7			
10	.02	1.5			
15	.01	1.0			
20	.01	.67			
25		.47			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	.02	0	0	0	0		
2					---	.01	0	0	0	0		
3					---	0	0	0	0	0		
4					0	.04	0	0	0	0		
5					0	0	0	0	0	0		
6					0	0	0	0	0	0		
7					0	0	0	.04	0	0		
8					0	.21(*)	0	0	0	0		
9					.04(*)	0	0	.02	0	0		
10					0	0	0	.01	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	.24(*)	0	0		
16					0	0	.06(*)	0	0	0		
17					0	0	.14(*)	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					.26(*)	0	0	0	0	0		
21					.03(*)	0	0	0	.02	.02		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					.01	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	.01	0	0	0		
29					0	0	0	0	0	0		
30					0	0	0	.02	0	0		
31					0	---	0	0	---	0		
TOTAL					---	.28	.21	.33	.02	.02		
AC-FT					---	.6	.4	.7	.04	.04		

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				1.71	1.30	1.01	1.61	0.45	0.27		

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 9, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	6	feet per	Time	6	feet per
		second			second
2400		0	0200	0.01	0.07
05	0.01	.47	05		.07
10	.01	.53	10	.01	.06
15	.01	.59	15		.06
20	.01	.74	20		.05
25	.02	.82	25		.05
0030	.01	.91	0230		.04
35	.01	1.0	35		.04
40	.01	.91	40	.01	.03
45	.01	.82	45		.03
50	.01	.67	50		.02
55		.53	55		.02
0100	.01	.41	0300		0
05		.32	-----		
10		.27	TOTAL:	0.17	-
15		.24			
20	.01	.20			
25		.20			
0130		.20			
35		.18			
40		.14			
45		.12			
50		.09			
55	.01	.08			

NOTE.--Discharge below 0.2 cu ft per sec estimated

MAY 20, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	6	feet per	Time	6	feet per
		second			second
0945		0	1130		0.67
50	0.01	0	35		.41
55	.01	0	40		.27
1000	.01	0	45		.18
05		0	50		.14
10		0	55		.12
15		0	1200		.09
20	.01	0	05		.08
25	.01	0	10		.07
1030	.01	0	15		.07
35	.01	0	20		.06
40	.01	.27	25		.06
45	.01	.41	1230		.05
50	.02	.67	35		.05
55	.02	.74	40	0.01	.04
1100	.02	1.1	45		.04
05	.03	1.4	50		.03
10	.02	1.8	55		.03
15	.03	1.8	1300		.02
20		1.4	05		.02
25		1.0	10		0

			TOTAL:	0.24	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

MAY 20, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	

1510	0.03	0	1730	0.01	1.0
15	.04	.74	35	.01	.82
20	.03	2.2	40		.67
25	.08	4.9	45		.53
1530	.06	3.7	50		.47
35	.03	2.6	55		.36
40	.01	1.8	1800	.01	.27
45	.02	1.7	05		.20
50	.03	1.7	10		.18
55	.02	1.9	15		.14
1600	.02	1.9	20		.12
05	.02	1.9	25		.09
10	.02	1.9	1830		.08
15	.04	2.2	35		.07
20	.02	2.4	40		.07
25	.03	2.4	45		.06
1630	.02	2.7	50		.06
35	.03	3.1	55		.05
40	.04	2.9	1900		.05
45	.02	2.4	05		.04
50	.02	1.9	10		.04
55	.01	1.5	15		.03
1700	.01	1.3	20		.03
05	.01	1.1	25		.02
10	.02	1.0	1930		.02
15	.02	1.0	-----		
20	.01	1.0	TOTAL:	0.75	-
25	.01	1.1	-----		

NOTE.--Discharge below 0.2 cu ft per sec estimated

MAY 21, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	

2125		0	2300		0.08
2130		0	05		.07
35	0.01	0	10		.07
40	.01	0	15		.06
45	.01	0	20		.06
50	.01	0	25		.05
55	.01	0	2330		.05
2200		0	35		.04
05	.01	.24	40		.04
10	.01	.41	45		.03
15		.41	50		.03
20		.36	55		.02
25	.01	.32	2400		.02
2230		.27	-----		
35		.20	TOTAL:	0.08	-
40		.18	-----		
45		.14			
50		.12			
55		.09			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JUNE 8, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
		in cubic			in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
0805		0	1030		1.0
10	0.01	0	35		.53
15	.01	0	40		.36
20		0	45		.24
25		0	50		.18
0830		0	55		.14
35		0	1100		.12
40	.01	0	05		.09
45		0	10		.08
50		0	15		.07
55	.01	0	20		.07
0900		0	25		.06
05		0	1130		.06
10		0	35		.05
15		0	40		.05
20		0	45		.04
25	.01	0	50		.04
0930	.01	0	55		.03
35		0	1200		.03
40		0	05		.02
45	.01	0	10		.02
50		.20	15		0
55		.20	-----		
1000		.20	TOTAL:	0.16	-
05		.20			
10	.02	.36			
15	.06	1.4			
20	.01	1.8			
25		1.6			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JUNE 8, 1979

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 6	feet per second		Gage 6	feet per second
-----			-----		
1325		0	1800	0.02	0.36
1330	0.03	0	05	.01	.59
35	.02	0	10	.02	.74
40		.47	15	.01	1.2
45		.36	20	.01	1.2
50		.67	25	.01	1.1
55		.47	1830	.02	1.0
1400		.36	35	.02	1.1
05	.02	.27	40	.02	1.4
10		.27	45	.02	1.8
15		.24	50	.01	2.2
20	.01	.18	55	.02	1.8
25	.01	.14	1900	.02	1.5
1430	.01	.24	05	.02	1.4
35	.01	.32	10	.01	1.5
40		.36	15	.01	1.5
45	.01	.47	20	.01	1.4
50		.47	25	.01	1.2
55	.01	.41	1930	.01	1.1
1500		.36	35	.01	1.0
05		.32	40	.01	1.0
10		.27	45		.91
15		.24	50		.74
20		.20	55		.53
25		.18	2000		.41
1530		.14	05		.32
35	.01	.12	10		.24
40	.01	.09	15		.18
45		.08	20		.14
50		.07	25		.12
55	.01	.07	2030	.01	.09
1600	.01	.06	35		.08
05	.01	.27	40	.01	.07
10		.36	45		.07
15	.01	.41	50		.06
20		.36	55		.06
25		.36	2100		.05
1630	.02	.32	05		.05
35		.36	10		.04
40	.01	.41	15		.04
45	.01	.41	20	.01	.03
50	.01	.74	25		.03
55	.01	.91	2130		.02
1700	.01	.91	35		.02
05		.82	40		0
10	.01	.67	-----		
15	.01	.59	TOTAL:	0.66	-
20	.01	.59	-----		
25	.01	.59			
1730		.53			
35	.01	.47			
40		.47			
45		.41			
50	.01	.36			
55	.01	.36			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 16, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2030		0
35	0.01	0
40	.03	0
45	.03	.36
50	.04	1.9
55	.03	2.1
2100	.02	1.8
05	.02	1.7
10	.02	1.5
15	.01	1.4
20	.02	1.1
25	.01	.91
2130	.02	.74
35		.67
40		.53
45	.01	.41
50		.27
55	.01	.20
2200		.18
05	.01	.14
10	.01	.12
15	.01	.09
20		.03
25	.01	.07

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2230		0.20
35		.20
40		.18
45	0.01	.14
50		.12
55	.01	.09
2300		.08
05	.01	.07
10		.07
15	.01	.06
20		.06
25		.05
2330		.05
35		.04
40		.04
45		.03
50		.03
55		.02
2400		.02
05		0
TOTAL:		0.36

NOTE.--Discharge below 0.2 cu ft per sec estimated

JULY 17, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1630		0
35	0.01	0
40	.02	0
45	.03	0
50	.03	.74
55	.02	.59
1700	.02	1.4
05	.05	2.6
10	.08	8.1
15	.06	7.8
20	.03	4.7
25	.01	3.1
1730	.01	1.9
35		1.3
40	.01	.82
45		.59
50		.41
55	.01	.36
1800	.01	.36
05	.01	.32
10		.32
15	.01	.32
20		.36
25		.36
1830		.32
35	.01	.27
40		.24
45		.20
50		.20
55		.20

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1900		0.20
05		.18
10		.14
15		.12
20		.09
25		.08
1930		.07
35		.07
40		.06
45		.06
50		.05
55		.05
2000		.04
05		.04
10		.03
15		.03
20		.02
25		.02
2030		0
TOTAL:		0.43

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 15, 1979

-----			-----		
Time	Rainfall, in inches	Discharge,	Time	Rainfall, in inches	Discharge,
	Gage 6	in cubic feet per second		Gage 6	in cubic feet per second
-----			-----		
0005		0	0500		0.36
10	0.01	0	05		.27
15		0	10	0.01	.27
20	.01	0	15	.01	.27
25		0	20		.24
0030		0	25		.24
35		0	0530	.01	.24
40		0	35		.24
45		0	40		.24
50		0	45	.01	.24
55		0	50		.24
0100		0	55	.01	.24
05		0	0600	.01	.24
10		0	05		.24
15		0	10	.01	.24
20	.01	0	15		.24
25		0	20	.01	.24
0130		0	25	.01	.27
35	.01	0	0630	.01	.41
40		0	35	.02	.53
45	.01	0	40	.01	.67
50		0	45		.74
55		0	50	.01	.74
0200	.01	.20	55	.01	.67
05		.24	0700	.01	.59
10	.01	.32	05		.53
15	.02	.36	10	.01	.47
20	.01	.41	15		.41
25	.02	.67	20		.36
0230	.02	1.0	25		.32
35	.02	1.3	0730		.24
40	.02	1.4	35		.20
45	.02	2.9	40		.18
50	.02	1.5	45		.14
55	.02	1.5	50		.12
0300	.03	1.5	55		.09
05	.02	1.7	0800		.08
10	.02	1.7	05		.07
15	.01	1.3	10		.07
20		1.0	15		.06
25	.01	.82	20		.06
0330	.02	.62	25		.05
35	.01	.74	0830		.05
40	.01	.67	35		.04
45	.01	.74	40		.04
50		.74	45		.03
55	.02	.82	50		.03
0400	.02	.82	55		.02
05	.01	.91	0900		.02
10	.01	1.0	05		0
15	.02	1.1	-----		
20		1.0	TOTAL:	0.69	-
25	.02	1.0			
0430	.01	1.0			
35	.01	.91			
40	.01	.82			
45		.67			
50		.59			
55	.01	.41			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	.02(*)	0	0	
6			---	0	0	0	0	0	.06(*)	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	.02(*)	0	0	
9			---	0	0	0	0	0	.16(*)	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	.01(*)	0	0	
12			---	0	0	0	0	0	0	0	0	
13			0	0	0	0	0	0	0	0	0	
14			0	0	.07	0	0	1.2(*)	0	0	0	
15			0	0	.02	0	0	.20	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			.02	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	
21			0	0	0	0	.09(*)	0	0	0	0	
22			0	0	0	0	.02(*)	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	.07(*)	0	0	0	0	0	0	.05	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			.01	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			.01	---	0	---	0	0	---	0	---	
TOTAL			---	.07	.09	0	.11	1.40	.27	0	.05	
AC-FT			---	.1	.2	0	.2	2.8	.5	0	.10	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.44	0.40	0.55	0.07	0.66	2.26	1.66	0.12	0.32	

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

APRIL 24, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 6	feet per second		Gage 6	feet per second
-----			-----		
1655		0	1930	0.01	0.59
1700	0.01	0	35	.01	.59
05		0	40	.01	.59
10		0	45		.53
15	.01	0	50	.01	.47
20	.01	0	55		.41
25	.01	0	2000		.32
1730	.01	0	05		.24
35	.01	0	10		.20
40	.01	0	15		.18
45	.02	.47	20		.14
50	.01	.59	25		.12
55		.59	2030		.09
1800	.01	.82	35		.08
05	.02	.82	40		.07
10	.01	.82	45		.07
15		.74	50		.06
20	.01	.67	55		.06
25	.01	.74	2100		.05
1830		.53	05		.05
35	.02	.53	10		.04
40	.01	.53	15		.04
45	.01	.59	20		.03
50	.01	.67	25		.03
55	.02	.82	2130		.02
1900	.02	1.0	35		.02
05	.01	1.0	40		0
10		1.0	-----		
15	.01	.82	TOTAL:	0.32	-
20	.01	.67			
25		.59			

NOTE.--Discharge below 0.2 cu ft per sec estimated

JULY 21, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 6	feet per second		Gage 6	feet per second
-----			-----		
1635	0.03	0	1800		0.08
40	.07	0	05		.07
45	.09	1.0	10		.07
50	.11	4.9	15		.06
55	.05	7.5	20		.06
1700	.02	4.2	25		.05
05	.01	2.7	1830		.05
10	.01	1.8	35		.04
15		1.1	40		.04
20		.67	45		.03
25		.47	50		.03
1730		.32	55		.02
35		.20	1900		.02
40		.18	05		0
45		.14	-----		
50		.12	TOTAL:	0.39	-
55		.09			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 22, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
2035		0	2230		0.18
40	0.01	0	35		.14
45	.01	0	40		.12
50		0	45		.09
55	.01	0	50		.08
2100		0	55		.07
05		0	2300		.07
10	.01	0	05		.06
15	.01	0	10		.06
20		0	15		.05
25		0	20		.05
2130		.32	25		.04
35		.32	2330		.04
40		.24	35		.03
45		.18	40		.03
50	.03	.14	45		.02
55	.02	.41	50		.02
2200	.01	.53	55		0
05		.59			
10		.67	TOTAL:	0.12	-
15	.01	.53			
20		.36			
25		.27			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 14, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 6	feet per second	Time	Gage 6	feet per second

0055	0.03	0	0600		0.59
0100	.02	0	05	0.01	.53
05		0	10		.41
10		.20	15		.41
15		.53	20	.02	.36
20		.41	25	.02	.41
25		.24	0630	.02	1.1
0130		.18	35	.02	2.2
35		.14	40	.02	2.2
40		.12	45	.02	1.8
45		.09	50	.02	1.8
50		.08	55	.02	1.8
55		.07	0700	.02	1.8
0200		.07	05	.02	1.8
05		.06	10	.02	1.9
10		.06	15	.01	1.9
15		.05	20	.01	1.9
20		.05	25		1.4
25		.04	0730	.01	1.1
0230		.04	35		.82
35		.03	40	.01	.74
40		.03	45	.01	.67
45		.02	50	.01	.67
50		.02	55	.01	.67
55		0	0800	.01	.74
0300		0	05	.01	.82
05		0	10	.01	1.1
10		0	15	.01	1.3
15	.01	0	20	.01	1.1
20	.04	0	25	.01	.91
25	.03	0	0830	.01	.82
0330	.03	1.1	35		.82
35	.03	5.7	40		.74
40	.01	5.2	45		.67
45	.02	3.3	50		.53
50	.05	2.4	55		.41
55	.06	2.6	0900	.01	.32
0400	.09	6.9	05		.24
05	.10	13	10		.20
10	.11	18	15		.18
15	.12	20	20		.14
20	.13	21	25		.12
25	.15	26	0930		.09
0430	.13	28	35		.08
35	.08	23	40		.07
40	.10	18	45		.07
45	.08	15	50		.06
50	.07	14	55		.06
55	.07	17	1000		.05
0500	.03	14	05		.05
05	.01	9.1	10		.04
10	.02	6.6	15		.04
15	.03	5.5	20		.03
20	.01	4.7	25		.03
25	.01	3.3	1030		.02
0530		2.2	35		.02
35		1.5	40		0
40	.01	1.1	-----		
45		.91	TOTAL:	2.07	-
50		.82			
55	.01	.67			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 5, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1955		0	2200		0.18
2000	0.01	0	05		.14
05	.02	0	10		.12
10		0	15		.09
15	.01	0	20		.08
20		0	25		.07
25		0	2230		.07
2030	.01	0	35		.06
35	.01	.32	40		.06
40	.01	.32	45		.05
45	.01	.36	50		.05
50		.36	55		.04
55		.36	2300		.04
2100	.01	.36	05		.03
05		.32	10		.03
10		.32	15		.02
15	.01	.32	20		.02
20		.27	25		0
25	.01	.27	-----		
2130		.27	TOTAL:	0.12	-
35		.24			
40		.24			
45		.24			
50	.01	.20			
55		.20			

NOTE.--Discharge below 0.2 cu ft per sec estimated

SEPTEMBER 6, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
0740		0	1000		0.32
45	0.01	0	05		.24
50	.01	0	10		.18
55		0	15		.14
0800	.01	0	20		.12
05	.01	0	25		.09
10		0	1030		.08
15	.01	0	35		.07
20	.01	0	40		.07
25	.01	.24	45		.06
0830	.01	.41	50		.06
35	.01	.47	55		.05
40	.01	.53	1100		.05
45	.02	.59	05		.04
50	.01	.59	10		.04
55	.01	.59	15		.03
0900		.59	20		.03
05	.01	.59	25		.02
10	.01	.53	1130		.02
15	.01	.47	35		0
20		.47	-----		
25	.01	.47	TOTAL:	0.20	-
0930	.01	.41			
35		.41			
40	.01	.41			
45		.41			
50		.41			
55		.32			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1925		0
1930	0.02	0
35		0
40		0
45		1.4
50		2.2
55		1.0
2000		.53
05		.36
10		.27
15		.20
20		.18
25		.14
2030	.01	.12
35	.01	.09
40		.08
45		.07
50		.07
55		.06

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2100		0.06
05		.05
10		.05
15		.04
20		.04
25		.03
2130		.03
35		.02
40		.02
45		0
TOTAL:		
	0.04	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

SEPTEMBER 8, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2055		0
2100	0.03	0
05	.07	0
10	.02	0
15	.01	1.0
20		1.4
25		1.8
2130		.91
35		.53
40		.36
45		.24
50		.18
55		.14
2200		.12
05	.01	.09
10		.08
15		.07
20		.07
25		.06

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2230		0.06
35		.05
40		.05
45		.04
50		.04
55		.03
2300		.03
05		.02
10		.02
15		0
TOTAL:		
	0.14	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 9, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	

0005		0	0200	0.01	0.07
10	0.02	0	05		.06
15	.02	0	10		.06
20	.01	0	15		.05
25	.02	0	20		.05
0030	.02	0	25		.04
35	.02	.32	0230		.04
40	.01	.91	35	.02	.03
45	.01	1.1	40	.01	.03
50	.01	1.0	45		.02
55	.01	1.0	50		.02
0100		.74	55		0
05		.59	-----		
10		.47	TOTAL:	0.19	-
15		.36	-----		
20		.32			
25		.24			
0130		.18			
35		.14			
40		.12			
45		.09			
50		.08			
55		.07			

NOTE.--Discharge below 0.2 cu ft per sec estimated

SEPTEMBER 9, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	

0520		0	0730		0.08
25		0	35		.07
0530	0.01	0	40		.07
35		0	45	0.01	.06
40	.01	0	50		.06
45		0	55		.05
50		0	0800		.05
55		0	05		.04
0600	.01	0	10		.04
05		0	15		.03
10		0	20		.03
15	.01	0	25		.02
20	.01	0	0830		.02
25	.01	0	35	.01	0
0630		0	40		0
35	.01	.24	-----		
40		.32	TOTAL:	0.10	-
45		.41	-----		
50		.41			
55		.36			
0700		.32			
05		.24			
10	.01	.18			
15		.14			
20		.12			
25		.09			

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 9, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	

0910		0	1400		0.47
15		0	05	0.01	.59
20	0.01	0	10		.74
25		0	15	.01	.67
0930	.01	0	20		.53
35	.01	0	25		.41
40		0	1430	.01	.36
45	.01	0	35		.32
50		.20	40		.27
55		.27	45		.24
1000	.01	.41	50		.20
05		.41	55		.18
10		.41	1530		.14
15		.32	05		.12
20		.27	10		.09
25		.20	15		.08
1030	.01	.13	20		.07
35		.14	25		.07
40		.12	1530		.06
45		.09	35	.01	.06
50		.03	40		.05
55	.01	.07	45	.01	.05
1100		.07	50		.04
05	.01	.06	55	.01	.04
10	.01	.06	1600	.01	.03
15		.05	05		.03
20	.01	.24	10	.01	.24
25	.01	.32	15	.01	.32
1130	.01	.36	20		.41
35		.41	25	.01	.41
40	.01	.47	1630	.01	.41
45	.01	.47	35		.41
50	.01	.47	40	.01	.41
55	.03	.53	45		.41
1200	.01	.67	50		.41
05	.02	.82	55		.41
10		.91	1700		.36
15	.01	1.0	05		.27
20	.01	.91	10	.01	.24
25	.01	.74	15		.18
1230		.67	20		.14
35	.02	.59	25		.12
40	.01	.59	1730		.09
45	.01	.59	35		.08
50		.59	40		.07
55	.01	.59	45		.07
1300	.02	.59	50		.06
05	.01	.59	55		.06
10		.59	1800		.05
15	.01	.59	05		.05
20		.59	10		.04
25	.01	.59	15		.04
1330		.47	20		.03
35		.41	25		.03
40		.36	1830		.02
45	.03	.32	-----		
50	.01	.27	TOTAL:	0.52	-
55	.01	.47	-----		

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 11, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 6	feet per second	Time	Gage 6	feet per second

0130		0	0530		0
35	0.01	0	35		0
40		0	40		0
45		0	45		0
50		0	50		0
55		0	55		0
0200	.01	0	0600		0
05	.02	0	05		0
10	.01	0	10		0
15		0	15		0
20	.01	0	20	0.01	0
25		0	25		0
0230		0	0630		0
35		.91	35		0
40		.27	40		0
45		.24	45	.01	0
50		.18	50		0
55		.14	55	.01	0
0300		.12	0700	.01	0
05		.09	05		0
10		.08	10	.01	0
15		.07	15		0
20		.07	20		0
25		.06	25		0
0330		.06	0730		.20
35		.05	35		.20
40		.05	40		.20
45		.04	45		.18
50		.04	50		.14
55		.03	55		.12
0400		.03	0800		.09
05		.02	05		.08
10		.02	10		.07
15		0	15		.07
20		0	20		.06
25		0	25	.01	.06
0430		0	0830		.05
35		0	35		.05
40		0	40		.04
45		0	45		.04
50		0	50		.03
55		0	55		.03
0500		0	0900		.02
05		0	05		.02
10		0	10		0
15		0	-----		
20		0	TOTAL:	0.12	-

NOTE.--Discharge below 0.2 cu ft per sec estimated

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	.05(*)	0	.29(*)	0	0	.04(*)	0	
2				---	.11	0	0	0	0	.21(*)	0	
3				---	0	0	0	0	0	.14(*)	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	.03	.08(*)	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	.17(*)	.12(*)	0	0	0	
8				0	0	0	0	0	0	0	0	
9				0	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	.09(*)	0	0	0	
12				0	0	0	0	0	0	0	0	
13				.03	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	.04(*)	0	0	0	0	
16				0	.04(*)	0	0	.01	0	0	0	
17				0	0	0	0	.07(*)	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	.03	0	0	0	
21				0	0	0	0	.04	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.12(*)	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	.15(*)	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	.20	.27	.50	.39	.08	.39	---	
AC-FT				---	.4	.5	1.0	.8	.2	.8	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.30	0.98	1.03	1.57	1.70	0.52	1.24	0.01	

Table 6.--VILLA DEL DSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
2005		0	2400	0.03	4.9
10	0.01	.47	05	.02	5.7
15	.06	.41	10	.06	4.0
20	.03	.27	15	.02	4.0
25		.27	20	.04	3.7
2030	.02	.27	25	.01	1.9
35	.01	.36	0030		1.1
40		.36	35	.01	.67
45		.32	40		.36
50	.01	.24	45		.27
55		.18	50		.20
2100		.12	55		.16
05		.10	0100		.14
10		.08	05		.12
15		.07	10		.12
20		.06	15	.02	.18
25		.05	20	.01	.24
2130		.03	25	.01	.32
35		.03	0130	.01	.36
40		0	35	.02	.74
45		0	40	.01	.74
50		0	45		.59
55		0	50	.01	.47
2200		0	55		.41
05		0	0200		.32
10		0	05		.24
15		0	10		.20
20		0	15		.18
25		0	20		.16
2230		0	25		.12
35		0	0230		.10
40		.07	35		.09
45		.36	40		.07
50	.03	.27	45		.07
55		.67	50		.06
2300		.59	55		.05
05		.53	0300		.05
10		.53	05		.04
15	.03	.53	10		.04
20	.01	.53	15		.03
25	.01	.53	20		.03
2330		.36	25		.02
35		.27	0330		0
40		.20			
45		.20			
50		.53			
55	.03	1.0			
			TOTAL:	0.53	-

Table 6.--VILLA DEL OSC DRAIN AT ALBUQUERQUE (0d329860) -- Continued

MAY 16, 1981

Time	Rainfall, in inches Gage 6	Discharge, in cubic feet per second
0005	0.01	0
10	.01	0
15	.01	.20
20	.02	.36
25	.02	.41
0030	.02	1.1
35	.02	1.3
40	.03	1.3
45	.01	1.2
50	.01	1.1
55	.01	.82
0100	.01	.67
05	.01	.53
10		.41
15		.27
20		.24
25	.01	.18
0130		.18
35	.01	.18
40	.01	.18
45		.13
50	.01	.18
55		.20

Time	Rainfall, in inches Gage 6	Discharge, in cubic feet per second
0200		0.20
05		.20
10		.18
15	0.01	.16
20		.12
25		.12
0230		.10
35		.08
40		.07
45		.06
50		.05
55		.04
0300		.03
05		.02
10		0
TOTAL:		0.24

JUNE 25, 1981

Time	Rainfall, in inches Gage 6	Discharge, in cubic feet per second
1535		0
40	0.02	0
45	.13	4.2
50	.17	11
55	.06	9.1
1600	.01	4.7
05	.01	2.2
10		1.2
15		.67
20	.01	.41
25		.27
1630	.01	.20
35		.16
40		.12
45	.01	.09
50		.08
55		.07

Time	Rainfall, in inches Gage 6	Discharge, in cubic feet per second
1700		0.06
05		.06
10		.05
15	0.01	.05
20		.04
25		.03
1730		.02
35		0
TOTAL:		0.44

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JUNE 27, 1981

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1840		0	2100		0.06
45	0.07	1.7	05		.05
50	.08	5.2	10		.05
55	.04	8.1	15		.04
1900		4.4	20		.04
05		2.2	25		.04
10		1.2	2130		.04
15		.59	35		.04
20		.36	40		.04
25		.24	45		.04
1930	.01	.16	50		.03
35	.06	.59	55		.03
40	.06	1.9	2200		.03
45	.10	4.4	05		.03
50	.02	3.7	10		.02
55		2.6	15		.02
2000	.01	1.9	20		0
05		1.2	-----		
10		.59	TOTAL:	0.45	-
15		.36			
20		.24			
25		.16			
2030		.14			
35		.10			
40		.09			
45		.08			
50		.07			
55		.06			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
0645		0	1130		0
50	0.02	0	35		0
55	.01	0	40		0
0700		0	45	0.01	0
05		0	50		0
10	.01	0	55		0
15	.04	0	1200		0
20	.03	.67	05		0
25	.01	.67	10		0
0730	.01	1.3	15		0
35		1.1	20		0
40		.67	25		0
45		.41	1230		0
50		.27	35		0
55		.20	40		0
0800		.16	45		0
05		.12	50		0
10		.09	55		0
15	.01	.08	1300		0
20	.01	.08	05		0
25	.03	.18	10		0
0830	.01	.41	15		0
35		.59	20		0
40	.01	.91	25		0
45		.74	1330		0
50	.01	.59	35	.10	0
55	.01	.47	40	.23	15
0900		.36	45	.14	24
05		.32	50	.02	15
10		.27	55	.01	8.4
15		.20	1400		4.0
20		.16	05		1.3
25		.14	10		1.2
0930		.12	15		1.0
35		.10	20		.74
40		.07	25		.59
45		.07	1430		.47
50		.05	35		.32
55		.05	40		.24
1000		.04	45		.18
05		.03	50		.16
10		.02	55		.14
15		0	1500		.12
20		0	05		.10
25		0	10		.08
1030		0	15		.08
35		0	20		.06
40		0	25		.06
45		0	1530		.05
50		0	35		.05
55		0	40		.04
1100		0	45		.04
05		0	50	.01	.03
10		0	55		.03
15		0	1600		.02
20		0	05		.02
25		0	10		0
			TOTAL:		
				0.74	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1735		0
40	0.08	0
45	.11	1.9
50	.09	4.9
55	.07	10
1800	.04	9.4
05	.04	5.7
10	.03	4.4
15	.01	3.3
20	.01	2.2
25		1.5
1830		1.2
35	.01	1.0
40		.67
45		.53
50		.41
55		.32

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1900		0.24
05		.18
10		.14
15		.12
20		.09
25		.08
1930		.07
35		.06
40		.05
45		.04
50		.03
55		.02
2000		.02
05		0
TOTAL:		0.49

JULY 15, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1820	0.01	0
25	.02	0
1830	.02	0
35	.01	.14
40	.01	.27
45	.01	.24
50		.16
55		.12
1900		.12
05		.12
10	.01	.12
15		.12
20	.01	.10
25		.10
1930	.01	.10
35		.10
40	.01	.09
45		.09
50	.01	.10
55	.01	.14
2000	.01	.18
05	.01	.27
10	.01	.32
15	.01	.41
20	.01	.53
25	.01	.53

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2030		0.53
35	0.01	.53
40	.01	.53
45	.01	.53
50	.01	.59
55	.01	.59
2100	.01	.59
05		.47
10		.36
15		.32
20		.24
25		.18
2130		.14
35		.10
40		.09
45		.07
50	.01	.07
55		.05
2200		.05
05		.04
10		.03
15		.02
20		0
TOTAL:		0.27

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1745		0	1900		0.24
50	0.02	0	05		.18
55	.06	1.0	10		.14
1800	.09	5.7	15		.12
05	.11	11	20		.10
10	.05	6.6	25		.09
15	.01	3.5	1930		.08
20	.01	1.8	35		.06
25		1.1	40		.05
1830		.82	45		.04
35		.82	50		.03
40		.67	55		.02
45		.53	2000		0
50		.41			
55		.32	TOTAL:	0.35	-

AUGUST 11, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1615		0	1930		0.36
20	0.04	.67	35	0.01	.36
25	.04	1.8	40		.36
1630	.08	1.4	45	.01	.32
35	.04	5.7	50	.01	.32
40	.02	2.4	55	.01	.32
45	.01	1.8	2000		.32
50	.01	1.7	05	.01	.32
55	.05	1.4	10	.01	.32
1700	.01	1.0	15		.32
05	.01	.67	20		.27
10		.47	25		.24
15		.32	2030		.18
20		.24	35		.16
25		.16	40		.14
1730		.12	45		.12
35		.10	50		.09
40		.08	55		.09
45		.07	2100	.01	.08
50		.06	05		.07
55		.06	10		.07
1800	.01	.06	15		.06
05		.06	20		.06
10		.06	25		.05
15	.01	.07	2130		.05
20		.07	35		.04
25		.08	40		.04
1830	.01	.10	45		.03
35		.14	50		.03
40	.01	.14	55		.02
45		.13	2200		.02
50	.01	.16	05		0
55		.18			
1900	.01	.24	TOTAL:	0.49	-
05	.01	.27			
10	.02	.32			
15	.01	.36			
20		.36			
25	.01	.36			

Table 6.--VILLA DEL DSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 17, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1750	0.03	0
55	.03	0
1800	.04	1.9
05	.03	4.0
10	.04	4.2
15	.01	3.1
20	.01	1.9
25		1.3
1830		.82
35		.53
40		.32
45		.24
50		.18
55		.14

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1900		0.10
05		.08
10		.07
15		.06
20		.05
25		.04
1930		.04
35		.03
40		.02
45		.02
50		0
TOTAL:	0.24	-

SEPTEMBER 5, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0555		0
0600	0.01	0
05	.01	0
10	.06	0
15	.02	.20
20	.03	.67
25	.02	.59
0630	.01	.53
35	.01	1.0
40	.02	.91
45	.01	.74
50	.01	.67
55	.02	.59
0700	.01	.59
05	.02	.59
10	.02	.67
15	.02	.82
20	.01	.82
25		.82

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0730	0.01	0.82
35		.67
40	.01	.47
45		.32
50		.24
55		.16
0800		.14
05		.10
10		.09
15		.07
20		.06
25		.05
0830		.04
35		.03
40		.02
45		0
TOTAL:	0.33	-

SEPTEMBER 5, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1720		0
25	0.03	0
1730	.04	0
35	.04	.82
40	.01	.82
45	.02	1.0
50		1.7
55		1.3
1800		.91
05		.59
10		.41
15		.27
20		.18
25	.01	.14

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1830		0.10
35		.09
40		.08
45		.07
50		.06
55		.05
1900		.05
05		.04
10		.04
15		.03
20		.02
25		.02
1930		0
TOTAL:	0.15	-

OCTOBER 1, 1981

OCTOBER 2, 1981

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Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
2255	0.01	0	0200		0.59
2300	.01	0	05		.47
05	.03	0	10		.36
10		0	15		.27
15		.16	20		.20
20	.03	.16	25		.16
25	.02	.59	0230		.14
2330	.01	1.1	35		.12
35		1.3	40		.10
40		1.1	45		.09
45	.01	.82	50		.09
50	.07	.47	55		.08
55	.06	.32	0300		.07
2400	.01	.20	05		.07
05		.16	10		.06
10		.12	15		.06
15		.10	20		.06
20	.01	.10	25		.05
25	.01	2.9	0330		.05
0030	.01	6.9	35		.05
35	.02	5.5	40		.04
40	.01	2.4	45		.04
45	.02	1.4	50		.04
50	.01	1.0	55		.03
55	.03	.67	0400		.03
0100	.01	.67	05		.02
05	.01	.67	10		.02
10	.01	.91	15		.02
15		1.2	20		0
20		1.4			
25		1.7	TOTAL:	0.41	-
0130		1.7			
35		1.7			
40		1.5			
45		1.4			
50		1.1			
55		.82			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	.53(*)	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	.01	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	.00(*)	
10			---	0	0	0	0	0	0	0	.08(*)	
11			---	0	0	0	0	0	0	0	0	
12			---	0	0	0	0	.16(*)	0	0	0	
13			---	.01	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	0	
18			---	0	0	0	0	.05	.06(*)	0	.02	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	0	0	0	.06(*)	0	0	
21			---	0	0	0	0	0	.04(*)	0	0	
22			---	0	.08(*)	0	.23(*)	0	.01	0	0	
23			---	0	0	0	0	0	0	0	0	
24			---	0	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	.06(*)	0	---	0	---	
TOTAL			---	.01	.09	0	.29	.74	.17	0	.10	
AC-FT			---	.02	.2	0	.6	1.5	.3	0	.2	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.12	0.07	0.76	0.10	1.54	2.38	1.23	0.17	0.79	

Table 6.--VILLA DEL OSC DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 22, 1982

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1535		0	1730	0.01	0.82
40	0.01	0	35	.01	.67
45		0	40		.53
50	.02	0	45	.01	.41
55	.02	0	50		.32
1600	.03	0	55	.01	.27
05	.01	.07	1800		.24
10	.02	.24	05		.18
15	.02	.59	10		.14
20	.02	1.0	15		.12
25	.03	1.1	20		.10
1630	.02	1.2	25		.09
35	.02	1.4	1830		.08
40	.03	1.8	35		.07
45	.01	1.5	40		.05
50	.02	1.3	45		.04
55	.02	1.2	50		.03
1700	.02	1.2	55		.02
05	.02	1.2	1900		0
10	.02	1.2	-----		
15	.01	1.2	TOTAL:	0.43	-
20	.01	1.2			
25	.01	1.0			

JULY 22, 1982

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1555	0.02	0	1730		1.0
1600		0	35		.59
05		0	40		.41
10		0	45		.32
15	.10	0	50		.24
20	.05	0	55	0.01	.20
25	.07	0	1800		.16
1630	.19	1.5	05		.12
35	.15	7.2	10		.09
40	.03	11	15		.07
45	.03	11	20		.06
50	.09	6.6	25		.04
55	.10	3.5	1830		.02
1700	.02	3.1	35		0
05	.03	4.4	-----		
10	.01	5.5	TOTAL:	0.91	-
15		4.9			
20		3.5			
25	.01	1.9			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

JULY 31, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1925	0.01	0	2030		0.10
1930	.01	0	35		.08
35	.08	0	40		.07
40	.09	.91	45		.05
45	.01	5.2	50		.04
50	.01	4.9	55		.03
55		2.7	2100	0.01	.02
2000		1.4	05	.01	0
05		.74			
10		.41	TOTAL:	0.23	-
15		.27			
20		.16			
25		.12			

AUGUST 1, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1655	0.07	0	1830		0.16
1700	.26	0	35		.12
05	.27	10	40		.09
10	.22	34	45		.08
15	.23	33	50		.07
20	.03	28	55		.06
25		17	1900		.05
1730	.01	9.4	05		.04
35		6.3	10		.03
40		4.4	15		.03
45		3.1	20		.02
50	.01	2.1	25		.02
55	.01	1.4	1930		0
1800		.91			
05	.01	.74	TOTAL:	1.12	-
10		.53			
15		.41			
20		.27			
25		.27			

AUGUST 12, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
1755	0.10	0	1930		0.06
1800	.10	0	35		.04
05	.10	1.9	40		.03
10	.08	5.7	45		.03
15	.06	7.5	50	0.01	.02
20	.03	8.7	55		0
25	.02	7.5	2000		0
1830	.01	4.7	05	.01	0
35	.01	3.1	10		0
40		1.9	15		.02
45	.01	1.2	20		.02
50		.74	25		.02
55		.47	2030		.02
1900		.32	35		.02
05		.20	40		.02
10		.14	45		0
15		.10			
20		.08	TOTAL:	0.55	-
25	.01	.07			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 18, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1400		0
05	0.01	0
10	.02	0
15	.07	0
20	.04	1.3
25	.01	1.8
1430	.01	2.7
35		1.7
40	.01	1.0
45	.01	.67
50	.01	.47
55	.01	.41
1500	.01	.36
05	.01	.36
10	.01	.36
15		.41
20		.41
25		.36
1530	.01	.27
35		.20
40		.16
45		.12
50		.10
55		.08
1600		.07
05		.06
10		.06
15		.05
20		.04
25		.03

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1630		0.03
35		.03
40	0.01	.02
45	.01	.02
50		.04
55		.08
1700	.01	.08
05		.08
10		.08
15		.10
20		.10
25		.10
1730		.08
35		.08
40		.07
45		.06
50		.05
55		.04
1800		.03
05		.03
10		.03
15		.02
20		0
TOTAL:	0.27	-

SEPTEMBER 18, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2150		0
55	0.02	0
2200	.01	0
05		0
10		.08
15		.08
20		.07
25		.06
2230	.01	.08
35	.01	.09
40		.09
45		.09
50		.09
55		.08
2300		.08
05		.08
10		.08
15		.07
20		.07
25		.06

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
2330		0.05
35		.05
40		.04
45		.04
50		.03
55		.03
2400		.03
05		.02
10		.02
15		.02
20		0
TOTAL:	0.05	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 20, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6			Gage 6	
0125		0	0430	0.01	0.27
0130	0.01	0	35	.01	.27
35		0	40	.03	.27
40	.01	0	45	.03	.67
45		0	50	.01	1.3
50	.01	0	55	.01	2.7
55		0	0500		1.2
0200	.01	0	05		.82
05		.06	10	.01	.59
10		.07	15		.47
15		.07	20		.32
20		.10	25		.27
25		.10	0530		.18
0230		.10	35		.12
35	.01	.09	40		.10
40		.08	45		.09
45	.01	.08	50		.08
50		.08	55		.07
55		.08	0600		.06
0300		.08	05		.05
05	.01	.08	10		.04
10	.01	.08	15		.03
15	.01	.12	20		.03
20	.01	.14	25		.03
25	.01	.20	0630		.02
0330		.24	35		.02
35	.01	.32	40		0
40	.02	.36			
45	.01	.47			
50	.02	.53			
55	.01	.59			
0400		.74			
05		.74			
10	.01	.59			
15		.47			
20	.01	.36			
25		.32			
			TOTAL:	0.31	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 21, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0020		0
25	0.01	0
0030	.02	0
35	.02	0
40	.01	.36
45	.02	.74
50	.01	1.0
55	.02	.91
0100	.01	.91
05	.02	.82
10	.01	.91
15	.01	.82
20		.74
25	.01	.59
0130		.53
35		.41
40		.32
45	.01	.27
50		.20
55		.16
0200		.14
05		.12
10	.01	.10
15		.09
20		.09
25	.01	.09
0230		.09
35		.09
40		.09
45	.01	.09
50		.09
55		.09

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0300		0.09
05	0.01	.09
10		.09
15		.09
20		.09
25	.01	.09
0330		.09
35		.09
40		.09
45		.09
50		.09
55		.08
0400		.08
05		.07
10		.06
15		.06
20		.05
25		.04
0430		.03
35		.03
40		.03
45		.02
50		.02
55		0
TOTAL:		0.23

NOVEMBER 9, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0830		0
35	0.01	0
40		0
45		0
50		0
55	.01	0
0900	.01	0
05	.01	.05
10	.01	.07
15		.06
20	.01	.05
25		.05

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0930		0.06
35	0.01	.08
40		.08
45		.07
50		.07
55		.06
1000		.05
05	.01	.04
10		.03
15		.03
20		0
TOTAL:		0.08

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

NOVEMBER 10, 1982

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 6		Time	Gage 6	
-----			-----		
1605		0	2030		0
10	0.01	.82	35		0
15	.02	3.5	40		0
20	.05	4.2	45		0
25	.11	2.4	50		0
1630	.03	1.3	55	0.01	0
35	.01	.74	2100		.08
40	.01	.41	05	.01	.10
45		.32	10	.01	.10
50	.01	.20	15	.01	.10
55		.16	20		.12
1700		.12	25		.12
05		.09	2130		.12
10		.08	35		.09
15		.07	40		.08
20		.06	45		.07
25		.05	50		.07
1730		.04	55		.06
35		.04	2200		.05
40		.03	05		.04
45		.02	10		.04
50		.02	15		.03
55		0	20		.03
1800		0	25		.02
05		0	2230		.02
10		.16	35		0
15	.01	.20	40		0
20	.03	.20	45		0
25	.01	.32	50		0
1830		.32	55	.01	0
35		.32	2300		.16
40	.02	.27	05		.24
45		.24	10	.03	.27
50		.18	15	.01	.41
55		.16	20	.01	.41
1900		.14	25		.32
05		.12	2330		.20
10		.09	35		.16
15		.08	40		.12
20		.07	45		.10
25		.06	50		.08
1930		.06	55		.07
35		.05	2400		.06
40		.04	05		.06
45	.01	.04	10		.06
50		.03	15		.05
55		.03	20		.04
2000		.03	25		.03
05		.02	0030		.03
10		.02	35		.03
15		0	40		.02
20		0	45		0
25		0	-----		
			TOTAL:	0.43	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (05329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	.06(*)	0	
2			---	0	0	0	0	0	0	.02(*)	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	.10(*)	.04(*)	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	.08(*)	0	0	
11			---	0	0	0	0	.03(*)	.06	0	0	
12			---	0	0	0	0	0	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			0	0	0	0	0	0	0	0	0	
15			0	0	0	0	0	0	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			0	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	.04(*)	0	
21			0	0	0	0	0	0	0	0	.01(*)	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	0	0	0	0	0	0	0	0	
25			0	0	0	.32(*)	0	.01(*)	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	.03(*)	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	.09(*)	0	---	0	---	
TOTAL			---	0	0	.32	.09	.04	.27	.16	.01	
AC-FT			---	0	0	.6	.2	.08	.5	.3	.02	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.22	0.07	0.45	1.03	1.00	0.68	1.55	1.32	0.26	

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
1420		0	1630		1.0
25	0.03	0	35		.53
1430	.21	7.2	40		.36
35	.24	28	45		.27
40	.14	24	50		.20
45	.05	12	55		.18
50	.02	4.9	1700		.14
55	.03	2.2	05	0.01	.10
1500	.01	1.2	10		.09
05	.02	.74	15		.08
10		.53	20		.06
15	.01	.41	25		.05
20		.32	1730		.04
25		.27	35		.03
1530		.20	40		.03
35		.13	45		.02
40		.14	50		0
45		.12	-----		
50		.10	TOTAL:	0.90	-
55		.09			
1600		.07			
05		.07			
10	.07	.08			
15	.04	1.5			
20	.01	2.6			
25	.01	1.8			

JULY 31, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
0300		0	0500	0.01	0.47
05	0.02	0	05		.41
10	.06	0	10		.32
15	.06	1.2	15		.24
20	.05	1.4	20		.20
25	.05	3.3	25		.16
0330	.03	3.3	0530		.14
35	.02	2.6	35		.10
40	.01	1.9	40	.01	.08
45	.02	1.4	45		.07
50	.01	1.1	50		.06
55	.01	.91	55		.05
0400	.01	.82	0600		.04
05	.01	.82	05		.04
10	.01	.74	10		.03
15	.01	.59	15		.03
20	.01	.53	20		.02
25	.01	.47	25		0
0430	.01	.47	-----		
35	.01	.47	TOTAL:	0.47	-
40	.01	.47			
45	.01	.53			
50	.01	.53			
55		.53			

Table 6.--VILLA DEL OSC DRAIN AT ALBUQUERQUE (08329860) -- Continued

AUGUST 11, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1750		0
55	0.02	0
1800	.03	0
05	.06	.07
10	.06	.53
15	.03	1.5
20	.02	2.2
25	.01	1.7
1830		.91
35		.59
40		.27
45		.18
50		.12
55		.09

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
1900		0.07
05		.05
10		.03
15		.02
20	0.01	0
TOTAL:	0.24	-

AUGUST 25, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0615		0
20	0.01	0
25	.02	0
0630	.03	0
35	.01	.27
40		.27
45	.01	.20
50		.36
55		.32
0700		.24
05		.16
10		.10
15		.08
20		.06
25		.04
0730		.03
35		.02
40		0
45	.01	0
50	.01	0
55	.01	0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 6	
0800	0.01	0.07
05	.01	.12
10		.14
15		.18
20	.01	.20
25		.20
0830		.16
35		.12
40		.09
45		.08
50		.06
55		.05
0900		.04
05		.03
10		.02
15		0
TOTAL:	0.14	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 8, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
0005		0	0300		0.04
10	0.01	0	05		.03
15		0	10		.03
20	.01	0	15		.03
25		0	20		.03
0030		0	25		.03
35		0	0330		.02
40	.03	0	35		0
45	.09	0	40		0
50	.04	1.2	45	0.01	0
55	.02	1.9	50		0
0100	.03	2.7	55		0
05	.01	2.2	0400		0
10	.02	1.5	05		0
15	.02	1.3	10		0
20	.01	1.2	15	.02	0
25	.04	1.1	20	.01	0
0130	.03	1.4	25		.07
35	.02	1.5	0430		.12
40	.02	1.7	35	.01	.10
45	.02	1.7	40		.20
50	.01	1.7	45		.24
55		1.4	50		.18
0200		1.0	55		.16
05		.59	0500		.12
10		.36	05		.09
15		.24	10		.08
20		.16	15		.07
25		.12	20		.06
0230		.09	25		.05
35		.08	0530		.04
40		.07	35		.03
45		.06	40		.02
50		.05	45		.02
55		.04	50		0
-----			-----		
TOTAL:			TOTAL: 0.48 -		

SEPTEMBER 10, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
2320		0	0100		0.10
25	0.03	0	05		.09
2330	.06	0	10		.07
35	.07	.32	15		.06
40	.09	.74	20		.05
45	.08	5.5	25		.04
50	.08	7.8	0130		.03
55	.07	6.6	35		.03
2400	.04	6.0	40	0.01	.02
05	.05	4.7	45		.02
10	.03	3.5	50		.02
15	.01	2.2	55		0
20		1.3	-----		
25		.82	TOTAL:	0.64	-
0030		.47	-----		
35	.01	.32			
40		.24			
45		.18			
50		.16			
55	.01	.12			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 27, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
2400		0	0230		0
05	0.01	0	35		0
10	.02	0	40		0
15	.05	0	45		0
20	.01	.32	50	0.01	0
25	.01	.36	55	.01	0
0030	.01	.41	0300	.01	0
35		.59	05		0
40		.41	10	.01	.03
45	.01	.27	15		.07
50	.02	.20	20		.07
55	.01	.18	25		.08
0100	.01	.20	0330		.09
05	.01	.27	35		.09
10	.01	.36	40		.08
15		.41	45		.07
20		.41	50		.05
25	.01	.32	55		.04
0130		.20	0400		.04
35		.16	05		.02
40		.10	10		0
45		.08	-----		
50		.06	TOTAL:	0.23	-
55		.04			
0200		.03			
05		.03			
10		.02			
15		.02			
20		0			
25		0			

SEPTEMBER 27, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1725		0	1830		0.20
1730	0.01	0	35		.18
35	.01	0	40		.16
40		0	45		.12
45	.01	0	50		.09
50		0	55		.07
55	.01	0	1900		.06
1800	.01	.04	05		.05
05	.01	.08	10		.04
10	.01	.09	15		.03
15	.01	.18	20		.02
20		.24	25		0
25		.24	-----		
			TOTAL:	0.08	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

OCTOBER 1, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	6	feet per	Time	6	feet per
-----			-----		
1555		0	1800	0.01	0.27
1600	0.01	0	5	.02	.24
05	.01	0	10	.02	.24
10		0	15	.02	.36
15	.01	0	20	.01	.59
20	.01	0	25	.01	1.0
25	.01	0	1830	.01	1.0
1630	.02	.09	35		.74
35	.03	.18	40	.01	.53
40	.01	.47	45		.36
45	.01	.74	50		.27
50		.91	55		.20
55	.01	.67	1900		.18
1700	.01	.47	05		.14
05		.32	10		.12
10	.02	.27	15		.09
15	.02	.27	20		.08
20	.02	.36	25		.07
25	.01	.53	1930		.06
1730	.02	.82	35		.05
35		.91	40		.03
40	.01	.82	45		.03
45		.59	50		0
50		.47	-----		
55	.01	.32	TOTAL:	0.36	-

OCTOBER 2, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
Time	6	feet per	Time	6	feet per
-----			-----		
0810		0	1000		0.07
15	0.01	0	05		.06
20	.01	0	10		.05
25	.01	0	15		.05
0830	.02	0	20		.04
35	.01	.14	25		.03
40	.02	.18	1030		.03
45	.02	.53	35		.03
50	.02	.74	40		.02
55	.01	.82	45		.02
0900		.91	50		.02
05	.01	.82	55		0
10		.67	-----		
15	.01	.47	TOTAL:	0.15	-
20		.32			
25		.27			
0930		.20			
35		.18			
40		.14			
45		.12			
50		.09			
55		.08			

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Continued

OCTOBER 8, 1983

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	6	second		6	second
-----			-----		
1910		0	2100	0.01	0.04
15	0.01	0	05	.02	.04
20		0	10	.09	.10
25	.01	0	15	.02	1.1
1930	.01	0	20	.01	1.5
35	.03	0	25	.01	1.9
40	.01	.10	2130	.01	1.2
45		.18	35		.74
50		.20	40		.47
55		.27	45		.32
2000		.24	50		.20
05		.20	55		.18
10		.16	2200		.12
15	.01	.10	05		.10
20		.09	10		.08
25		.07	15		.06
2030	.01	.06	20		.05
35		.05	25		.04
40		.05	2230		.03
45		.05	35		.03
50		.05	40		.02
55		.05	45		0

			TOTAL:	0.26	-

Table 6.--VILLA DEL OSO DRAIN AT ALBUQUERQUE (08329860) -- Concluded

OCTOBER 20, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
0710		0	1100		0.16
15	0.01	0	05	0.01	.14
20		0	10		.12
25		0	15		.12
0730		0	20	.01	.12
35		0	25	.01	.12
40		0	1130		.12
45	.01	0	35	.01	.14
50		0	40	.01	.16
55		0	45		.18
0800	.01	0	50	.01	.20
05		0	55	.01	.20
10	.01	0	1200	.01	.24
15	.01	0	05		.24
20	.01	.02	10	.01	.27
25	.01	.09	15	.01	.27
0830	.01	.10	20		.27
35	.01	.18	25	.01	.27
40		.24	1230		.27
45	.01	.27	35	.01	.27
50	.01	.27	40		.24
55	.02	.27	45	.01	.24
0900		.32	50		.20
05	.01	.32	55		.18
10		.32	1300	.01	.18
15	.01	.32	05		.16
20		.27	10		.14
25	.01	.24	15		.12
0930		.20	20		.10
35	.01	.20	25		.09
40		.18	1330		.08
45		.16	35		.08
50		.14	40	.01	.07
55		.12	45		.06
1000		.12	50		.05
05	.01	.10	55		.05
10	.01	.09	1400		.04
15		.09	05		.03
20	.01	.09	10		.03
25	.01	.10	15		.02
1030		.14	20		.02
35	.01	.16	25		0
40		.18	-----		
45		.18	TOTAL:	0.38	-
50	.01	.18			
55		.18			

NOVEMBER 21, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	6	second	Time	6	second
-----			-----		
1145		0	1300	0.01	0.14
50	0.01	0	05		.12
55		0	10		.10
1200	.04	0	15		.08
05	.02	0	20		.07
10	.01	.27	25		.06
15	.01	.20	1330		.05
20		.53	35		.04
25	.01	.47	40		.03
1230		.36	45		.02
35	.01	.27	50		0
40		.24	-----		
45		.20	TOTAL:	0.12	-
50		.18			
55		.16			

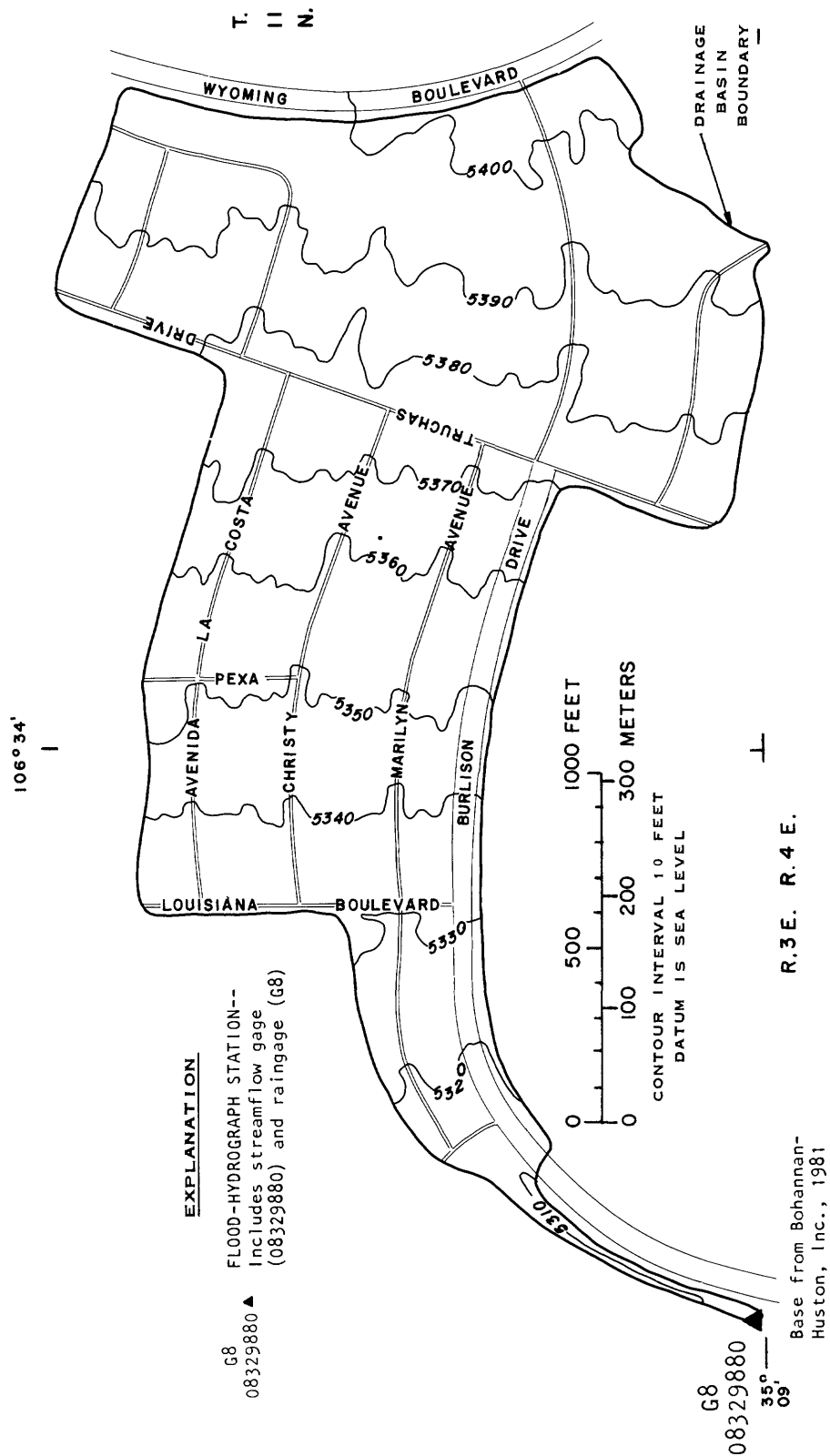


Figure 4.--Drainage basin for Academy Acres Drain (08329880).

Table 7.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880), 1976-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 09 min 02 sec, long 106 deg 34 min 18 sec, in NE1/4 SE1/4 sec.25, T.11 N., R.3 E., Bernalillo County, Hydrologic Unit 13020203, on left bank of concrete lined channel, at intersection of Burlison Dr and Leander Ave, 230 ft (70 m) north of intersection of Esther Ave and Burlison Dr and 0.4 mi (0.6 km) north of Academy Rd, in Albuquerque.

DRAINAGE AREA.--0.124 sq mi (0.321 sq km).

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

GAGE.--Water-stage recorder and V-notch sharp-crested weir. Prior to May 1, 1978, concrete trapezoidal weir. Altitude of gage is 5,306 ft (1,617.27 m), from topographic orthophoto map.

REMARKS.--Records good except those for June 1976 to October 1979, which are poor. Recording rain gage at station. Additional recording rain gage near upstream end of basin since September, 1981. Basin drains residential area.

STAGE-DISCHARGE RELATION.--Rating developed on basis of weir-flow computations and discharge measurements at discharges of 0.10 cu ft per sec (0.003 cu m per sec), 0.20 cu ft per sec (0.006 cu m per sec), 0.35 cu ft per sec (0.01 cu m per sec), 1.00 cu ft per sec (0.03 cu m per sec), 2.50 cu ft per sec (0.07 cu m per sec) and 5.0 cu ft per sec (0.14 cu m per sec) June 1976 to May 1978. Rating developed on basis of V-notch sharp-crested weir computation and discharge measurements at discharges of 0.10 cu ft per sec (0.003 cu m per sec), 0.60 cu ft per sec (0.02 cu m per sec), 1.85 cu ft per sec (0.05 cu m per sec), 2.08 cu ft per sec (0.06 cu m per sec) and slope-area measurement at discharge of 100 cu ft per sec (2.83 cu m per sec).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 103 cu ft per sec (2.92 cu m per sec) Aug. 3, 1978, gage height, 4.09 ft (1.247 m) from rating curve extended above 2.0 cu ft per sec (0.57 cu m per sec) on basis of slope-area measurement of peak flow; no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1976, 20 cu ft per sec (0.55 cu m per sec) July 31, gage height, 0.68 ft (0.207 m); no flow most of the time.

Calendar year 1977: Maximum discharge, 15 cu ft per sec (0.42 cu m per sec) Sept. 5, gage height, 0.58 ft (0.177 m); no flow most of the time.

Calendar year 1978: Maximum discharge, 103 cu ft per sec (2.92 cu m per sec) Aug. 3, gage height, 4.09 ft (1.247 m) from rating curve extended above 2.0 cu ft per sec (0.57 cu m per sec) on basis of slope-area measurement of peak flow; no flow most of the time.

Calendar year 1979: Maximum discharge, 65 cu ft per sec (1.82 cu m per sec) July 16, gage height, 3.68 ft (1.122 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 101 cu ft per sec (2.88 cu m per sec) Aug. 14, gage height, 4.07 ft (1.241 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 59 cu ft per sec (1.67 cu m per sec) July 7, gage height, 3.61 ft (1.100 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 37 cu ft per sec (1.05 cu m per sec) Aug. 12, gage height, 3.25 ft (0.991 m); no flow most of the time.

Calendar year 1983: maximum discharge, 39 cu ft per sec (1.10 cu m per sec) June 25, gage height, 3.29 ft (1.003 m); no flow most of the time.



Photograph 9.--Academy Acres Drain (08329880).

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1976 TO DECEMBER 1976
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0	0	0
2						---	0	0	0	0	0	0
3						---	0	0	0	0	0	0
4						---	0	0	0	0	0	0
5						---	0	0	0	0	0	0
6						---	0	0	0	0	0	0
7						---	0	0	0	0	0	0
8						---	0	0	0	0	0	0
9						---	0	0	0	0	0	0
10						---	0	0	0	0	0	0
11						---	0	0	0	0	0	0
12						---	0	0	0	0	0	0
13						---	0	0	0	0	0	0
14						---	0	0	0	0	0	0
15						---	0	0	0	0	0	0
16						---	0	0	0	0	0	0
17						---	0	0	0	0	0	0
18						---	0	.12	0	0	0	0
19						---	0	0	0	0	0	0
20						---	0	0	0	0	0	0
21						0	.13(*)	0	0	0	0	0
22						0	0	0	0	0	0	0
23						0	0	0	0	0	0	0
24						0	0	0	0	0	0	0
25						0	0	0	0	0	0	0
26						0	0	0	0	0	0	0
27						0	0	0	0	0	0	0
28						0	0	0	0	0	0	0
29						0	0	0	0	0	0	0
30						0	0	0	0	0	0	0
31						---	.25	0	---	0	---	0
TOTAL						---	.38	.12	0	0	0	0
AC-FT						---	.8	.2	0	0	0	0

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1976 TO DECEMBER 1976

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.00	1.05	0.98	0.07	0.04	0.01	0.16

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 31, 1976

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage 8		Time	Gage 8	
1830	0.02	0	1900	0.02	7.2
35	.02	9.8			
40	.02	20			
45	.14	14	TOTAL:	0.40	-
50	.13	12			
55	.05	11			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	.11(*)	0	0	0
5	0	0	0	0	0	0	0	0	.13(*)	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	.13	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	.48	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	---	0	0	0	0	0	0	0	0	0	0
30	0	---	0	0	0	0	0	0	0	0	0	0
31	0	---	0	---	0	---	0	0	---	0	---	0
TOTAL	0	0	0	0	0	0	0	.48	.42	0	0	0
AC-FT	0	0	0	0	0	0	0	1.0	.8	0	0	0

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0.35	0.06	0.36	0.66	0.15	0.00	0.56	0.70	1.23	0.15	0.62	0.14

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

SEPTEMBER 4, 1977

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage	8	Time	Gage	8
2340	0.14	0	0030	8.4	0
45	.06	0	35	0	0
50		8.4			
55		12			
2400		11	TOTAL:	0.20	-
05		11			
10		15			
15		8.4			
20		9.8			
25		8.4			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (03329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	1.0(*)	0	0	.16	0
4	0	0	0	0	0	0	0	.04	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	---
10	0	0	0	0	0	0	0	0	0	0	.01	---
11	0	0	0	0	0	0	0	0	0	0	.21	---
12	0	0	0	0	0	0	0	0	0	0	0	---
13	0	0	0	0	0	0	0	0	0	0	0	---
14	0	0	0	0	0	0	.13	0	0	0	0	---
15	0	0	0	0	0	0	0	0	0	0	.03	---
16	0	0	0	0	0	0	0	0	.01	0	.01	---
17	0	0	0	0	0	0	0	0	.16	0	0	---
18	0	0	0	0	0	0	0	0	0	0	0	---
19	0	0	0	0	0	0	0	.36	0	0	0	---
20	0	0	0	0	0	0	.04	0	0	0	0	---
21	0	0	0	0	0	0	0	0	0	.31	0	---
22	0	0	0	0	0	0	.33	.02	0	0	0	---
23	0	0	0	0	0	0	0	0	0	.13	0	---
24	0	0	0	0	0	0	0	.02	.04	0	.20	---
25	0	0	0	0	0	0	0	.01	0	.06	.02	---
26	0	0	0	0	0	0	0	0	0	0	0	---
27	0	0	0	0	0	0	0	0	0	0	0	---
28	0	0	0	0	0	0	0	0	0	0	0	---
29	0	---	0	0	0	.70	0	0	0	0	0	---
30	0	---	0	0	0	0	0	0	0	.01	0	---
31	0	---	0	---	0	---	0	0	---	0	---	---
TOTAL	0	0	0	0	0	.70	.50	1.45	.21	.53	.64	---
AC-FT	0	0	0	0	0	1.4	1.0	2.9	.4	1.1	1.3	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0.88	0.33	0.77	0.13	0.73	0.79	0.76	1.21	0.45	1.21	1.11	0.00

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 3, 1978

Rainfall, in inches			Discharge, in cubic feet per second		
Gage 8			Gage 8		
Time			Time		
1625	0.04	0	1730		0.75
1630	.15	87	35	0.01	.54
35	.13	103	40		.43
40	.01	63	45		.35
45		33	50		.33
50		16	55		.31
55		9.3	1800		.28
1700		5.9	05		.26
05		3.8	10		0
10		2.6			
15		1.8			
20		1.3			
25		.99			
			TOTAL:	0.34	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	.10	0	0	0	0		
2					---	.32	0	0	0	0		
3					---	0	0	0	0	0		
4					0	.08	0	0	0	0		
5					0	0	0	0	0	0		
6					0	0	0	0	0	0		
7					0	0	.07	.02	0	0		
8					.10	.69	0	0	0	0		
9					.14	0	0	.09	0	0		
10					0	0	0	0	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	.03	0		
14					0	0	0	.01	0	0		
15					0	0	0	.65	.07	0		
16					0	0	1.1(*)	.01	0	0		
17					0	0	.36	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					.87	0	0	0	0	0		
21					.04	0	0	0	.20	.12		
22					0	0	0	0	0	0		
23					.02	0	0	0	0	0		
24					.01	.07	0	0	0	0		
25					.04	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	0	0	0	0		
29					0	0	0	0	0	0		
30					0	0	0	.05	0	.05		
31					0	---	0	0	---	---		
TOTAL					---	1.26	1.53	.83	.30	---		
AC-FT					---	2.5	3.0	1.6	.6	---		

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				1.50	1.54	1.12	1.30	0.54	0.33		

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 16, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8			Gage 8	
2040	0.15	16	2230	0.01	1.1
45	.13	43	35		1.0
50	.08	53	40		.99
55	.09	65	45		.90
2100	.04	42	50		.78
05	.02	28	55	.01	.67
10	.01	17	2300		.57
15	.01	11	05		.51
20	.02	7.7	10		.43
25	.01	6.0	15		.38
2130	.01	5.0	20	.01	.35
35	.01	4.4	25		.31
40	.01	3.8	2330		.31
45		3.0	35		.28
50	.01	2.2	40		0
55		1.6	TOTAL:		
2200		1.1		0.65	-
05		.90			
10	.01	.75			
15	.01	.75			
20		.82			
25		.95			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329860) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				0	0	0	0	0	0	0	0	
2				0	0	0	0	.04	0	0	0	
3				0	1.1(*)	0	0	.07	0	0	0	
4				0	0	0	0	0	.04	0	0	
5				0	0	0	0	.02	.05	0	0	
6				0	0	0	0	0	.28	0	0	
7				0	0	0	0	0	0	0	0	
8				0	0	0	0	0	.29(*)	0	0	
9				0	0	.03	0	0	.53(*)	0	0	
10				0	0	0	0	0	0	0	0	
11				.03	0	0	0	0	.02	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	.12	0	0	4.8(*)	0	0	0	
15				0	.07	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	.02	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	.12(*)	0	0	0	0	
22				0	0	0	.02(*)	.08	0	0	0	
23				0	0	0	0	0	0	0	0	
24				.20(*)	0	0	0	0	0	0	.15	
25				0	0	0	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	.05	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				.23	1.29	.03	.19	5.03	1.21	0	---	
AC-FT				.5	2.6	.06	.4	10.0	2.4	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.38	0.40	1.03	0.05	0.49	2.63	1.75	0.07	0.35	

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

APRIL 24, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 8		Time	Gage 8	

1405	0.01	0	1530		0.12
10		0	35		.09
15	.01	0	40		.07
20		0	45		.05
25	.02	0	50		.04
1430	.02	0	55		.03
35		.40	1600		.03
40		.90	05		.02
45		1.1	10		.02
50	.01	.99	15		.01
55		.86	20		.01
1500		.67	25		.01
05		.51	1630		.01
10		.38	35		.01
15		.28	40		0
20		.21	-----		
25		.16	TOTAL:	0.07	-

APRIL 24, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 8		Time	Gage 8	

1715	0.01	0	2000		0.67
20	.01	0	05		.54
25	.01	.01	10		.43
1730	.01	.54	15		.35
35	.01	.90	20		.28
40	.01	1.3	25		.23
45	.01	1.9	2030		.19
50	.01	2.3	35		.15
55	.01	2.7	40		.12
1800	.01	2.6	45		.10
05	.01	1.9	50		.09
10	.01	1.5	55		.07
15	.01	1.2	2100		.06
20		1.0	05		.04
25	.01	.99	10		.04
1830	.01	1.1	15		.03
35	.01	1.3	20		.03
40	.01	1.5	25		.02
45	.01	1.7	2130		.02
50	.01	1.9	35		.01
55	.01	2.3	40		.01
1900	.02	2.4	45		.01
05		2.3	50		.01
10	.01	2.1	55		.01
15	.01	1.7	2200		.01
20		1.4	05		.01
25	.01	1.2	10		0
1930		1.1	-----		
35	.01	1.1	TOTAL:	0.27	-
40	.01	1.1			
45		1.1			
50		.95			
55		.78			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

MAY 3, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8	
1645	0.01	0
50		0
55	.01	0
1700		0
05		0
10		0
15	.05	0
20	.12	51
25	.11	62
1730	.12	57
35	.13	42
40	.06	29
45	.03	19
50	.01	13
55	.01	8.5
1800		5.5
05	.01	3.7
10		2.7
15	.01	1.9
20		1.5
25		1.2
1830		.99
35		.82
40		.71
45		.61
50		.54
55	.01	.45
1900		.40
05		.38
10		.35
15		.33
20		.33
25		.31

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8	
1930		0.26
35		.21
40		.18
45		.13
50		.11
55		.09
2000		.07
05		.06
10		.04
15		.04
20		.03
25		.03
2030		.02
35		.02
40		.01
45		.01
50		.01
55		.01
2100		.01
05		.01
10		.01
15		0
TOTAL: 0.69		-

JULY 21, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8	
1630	0.03	0
35	.06	0
40	.07	0
45	.07	0
50	.04	6.5
55	.02	6.7
1700	.01	6.1
05		4.9
10		3.7
15		2.6
20		1.7
25		1.1
1730		.75
35		.51
40		.35
45		.24
50		.18
55		.13

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8	
1800		0.09
05		.07
10		.05
15		.04
20		.03
25		.02
1830		.01
35		.01
40		.01
45		.01
50		0
55		0
1900		0
TOTAL: 0.30		-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 22, 1980

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
2030	0.01	0
35	.02	0
40	.01	0
45	.01	0
50		0
55		0
2100		.43
05	.01	.51
10	.02	.43
15	.01	.35
20		.35
25		.54
2130		.43
35		.35
40		.31
45		.45
50		.57
55		.43

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
2200		0.33
05		.23
10		.16
15		.12
20		.09
25		.07
2230		.04
35		.04
40		.03
45		.02
50		.02
55		.01
2300		.01
05		.01
10		.01
15		.01
20		0
TOTAL:		0.09

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

AUGUST 14, 1960

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage 8		Time	Gage 8	
0100	0.01	0	0700	0.01	3.5
05	.03	0	05	.01	3.9
10	.03	11	10	.01	4.0
15	.01	33	15	.01	3.8
20	.03	32	20		3.5
25	.02	23	25	.01	3.4
0130		15	0730		3.3
35		9.5	35		3.2
40		5.4	40	.01	3.0
45		3.2	45	.01	2.6
50		2.0	50		2.3
55		1.3	55		2.0
0200		.86	0800	.02	1.7
05		.61	05	.01	1.8
10		.43	10	.01	2.0
15		.33	15	.01	1.9
20		.24	20		2.1
25		.19	25	.01	2.0
0230		.15	0830		1.9
35		.12	35		1.9
40		.09	40		1.8
45		.07	45		1.6
50		.05	50		1.5
55		.05	55		1.3
0300	.01	.71	0900		1.1
05		42	05		.86
10		36	10		.75
15		18	15		.57
20	.01	10	20		.45
25	.07	7.2	25		.35
0330	.15	12	0930		.28
35	.22	43	35		.24
40	.07	44	40		.21
45	.03	37	45		.18
50	.05	35	50		.13
55	.08	42	55	.01	.12
0400	.09	55	1000		.10
05	.09	89	05		.09
10	.10	101	10		.09
15	.05	81	15		.07
20	.13	66	20		.07
25	.10	53	25		.06
0430	.16	42	1030		.05
35	.05	36	35		.04
40	.07	29	40		.04
45	.06	29	45		.04
50	.05	32	50		.04
55	.04	35	55		.03
0500	.04	33	1100		.03
05	.04	30	05		.03
10	.03	26	10		.02
15	.01	19	15		.02
20		14	20		.02
25	.01	10	25		.02
0530	.01	8.3	1130		.01
35	.02	7.1	35		.01
40	.01	6.4	40		.01
45		5.4	45		.01
50	.01	4.6	50		.01
55	.01	4.0	55		.01
0600	.01	3.6	1200		.01
05		3.5	05		.01
10	.01	3.6	10		.01
15	.01	3.4	15		.01
20		3.2	20		.01
25	.02	3.1	25		.01
0630	.02	3.3	1230		.01
35		3.2	35		.01
40	.01	3.3	40		.01
45	.01	3.1	45		0
50	.01	2.8			
55	.02	3.0	TOTAL:	2.26	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 8, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	8	second	Time	8	second
-----			-----		
2040	0.02	0	2230		0.09
45	.07	.09	35		.07
50	.07	13	40		.06
55	.02	16	45		.05
2100	.01	8.5	50		.04
05		5.0	55		.04
10	.05	4.8	2300		.03
15	.07	4.9	05		.03
20	.04	7.4	10		.02
25	.02	8.0	15		.02
2130	.01	5.6	20		.01
35		3.2	25		.01
40		2.1	2330		.01
45		1.3	35		.01
50		.90	40		.01
55		.61	45		.01
2200		.43	50		.01
05		.33	55		.01
10		.24	2400		0
15		.19			
20		.15	TOTAL:	0.38	-
25		.11			

SEPTEMBER 9, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	8	second	Time	8	second
-----			-----		
0010		0	0300		0.16
15	0.01	.01	05		.18
20	.01	.01	10		.23
25	.02	.01	15		.24
0030	.01	.19	20		.23
35	.01	1.3	25		.21
40	.02	2.3	0330		.16
45	.01	2.3	35		.13
50	.01	2.1	40		.10
55		2.1	45		.08
0100	.01	2.1	50		.06
05	.01	2.4	55		.04
10		2.1	0400		.04
15		1.4	05		.03
20		.95	10		.02
25		.64	15		.02
0130		.45	20		.01
35		.33	25		.01
40		.24	0430		.01
45		.19	35		.01
50		.15	40		.01
55		.12	45		.01
0200		.10	50		0
05		.08			
10		.07	TOTAL:	0.15	-
15	.01	.07			
20		.09			
25		.10			
0230		.15			
35		.15			
40		.15			
45		.13			
50	.01	.12			
55	.01	.13			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 9, 1980

-----			-----		
Time	Rainfall, in inches	Discharge,	Time	Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
-----			-----		
	8	feet per		8	feet per
		second			second
-----			-----		
0545	0.01	0	0800	0.01	0.15
50		0	05		.13
55	.01	0	10		.13
0600		0	15		.12
05		0	20		.12
10	.01	.24	25		.10
15		.54	0830		.10
20	.01	.78	35		.08
25		1.0	40		.07
0630	.01	1.2	45		.05
35	.02	1.3	50		.04
40		1.4	55		.04
45	.01	1.3	0900		.03
50		1.1	05		.02
55		.95	10		.02
0700		.71	15		.02
05		.54	20		.02
10		.43	25		.02
15		.35	0930		.02
20	.01	.31	-----		
25		.26	TOTAL:	0.10	-
0730		.23	-----		
35		.21			
40		.19			
45		.18			
50		.16			
55		.15			

NOTE.--Event continued next page

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 9, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 8	feet per second		Gage 8	feet per second
-----			-----		
0935		0.02	1530		0.15
40		.02	35		.12
45	0.01	.02	40		.12
50	.01	.02	45	0.01	.11
55		.51	50		.11
1000	.01	.95	55	.01	.10
05		1.1	1600		.10
10		.99	05	.01	.12
15		.82	10		.19
20		.64	15		.31
25		.51	20	.01	.51
1030		.40	25		.64
35		.33	1630		.75
40	.01	.28	35	.01	.82
45		.31	40	.01	.90
50		.54	45		.99
55	.01	1.3	50		1.1
1100		1.2	55		1.0
05		.99	1700	.01	.86
10	.01	.90	05		.67
15	.01	.86	10		.61
20	.01	1.1	15		.51
25		1.3	20		.45
1130	.01	1.4	25	.01	.40
35	.01	1.5	1730		.38
40	.01	1.6	35		.33
45	.01	1.7	40		.28
50	.01	1.8	45		.26
55	.01	1.9	50		.23
1200	.01	2.1	55		.21
05	.02	2.6	1800		.18
10	.01	3.1	05		.15
15	.01	3.3	10		.13
20		3.1	15		.11
25	.01	2.7	20		.10
1230	.01	2.3	25		.09
35	.01	2.1	1830		.08
40	.01	2.3	35		.08
45	.01	2.4	40		.07
50	.01	2.3	45		.05
55	.01	2.3	50		.05
1300		2.2	55		.04
05	.01	2.1	1900		.04
10	.01	2.2	05		.03
15	.02	2.3	10		.03
20		2.5	15		.02
25	.01	2.3	20		.02
1330		2.1	25		.02
35	.01	1.7	1930		.02
40		1.3	35		.01
45		1.0	40		.01
50		.86	45		.01
55	.02	.86	50		.01
1400	.01	1.1	55		.01
05	.01	1.7	2000		.01
10	.01	2.5	05		.01
15	.01	2.7	10		.01
20		2.7	15		.01
25	.01	2.3	20		.01
1430		2.0	25		.01
35		1.6	2030		.01
40		1.2	35		.01
45		.95	40		0
50		.78	-----		
55		.61	TOTAL:	0.48	-
1500		.51			
05		.43			
10		.33			
15		.26			
20		.21			
25		.18			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981												
MEAN VALUES												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	.07	0	.69(*)	0	0	.14(*)	0	
2				---	.30	0	0	0	0	.54(*)	0	
3				---	0	.06	0	0	0	.40	0	
4				---	0	0	0	.04	0	0	0	
5				---	0	0	0	.12	.25(*)	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	1.0(*)	.63	0	0	0	
8				0	0	0	0	.03	0	0	0	
9				.05	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	.39	0	0	0	
12				0	0	0	0	0	0	0	0	
13				.08	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				.02	0	0	.12(*)	0	0	0	0	
16				.01	.12	0	0	.03	0	0	0	
17				0	0	0	0	.21	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	.11	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.75(*)	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	.26(*)	0	.01	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	.02	0	0	0	0	0	---	
30				0	0	.02	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	.51	1.09	1.81	1.57	.25	1.08	---	
AC-FT				---	1.0	2.2	3.6	3.1	.5	2.1	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981											
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.19	0.65	1.09	1.76	1.38	0.46	1.00	0.01	

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1981

Rainfall, in inches			Rainfall, in inches		
Gage 8			Gage 8		
Time		Discharge, in cubic feet per second	Time		Discharge, in cubic feet per second
1535	0.02	0	1730		0.08
40	.14	0	35		.06
45	.18	18	40		.04
50	.15	47	45		.04
55	.05	49	50		.03
1600	.03	40	55	0.01	.03
05		25	1800		.02
10		13	05		.02
15	.01	8.0	10		.01
20	.01	5.0	15		.01
25		3.2	20		.01
1630		2.1	25		.01
35	.01	1.5	1830		.01
40		1.1	35		.01
45		.82	40		.01
50		.61	45		.01
55		.43	50		.01
1700		.33	55		.01
05		.26	1900		.01
10		.21	05		.01
15		.16	10		.01
20		.12	15		.01
25		.10	20		0
			TOTAL: 0.61 -		

JUNE 27, 1981

Rainfall, in inches			Rainfall, in inches		
	Gage	Discharge,		Gage	Discharge,
Time	8	in cubic feet per second	Time	8	in cubic feet per second
1845	0.01	0	2030		0.61
50	.05	0	35		.43
55	.03	0	40		.31
1900	.02	3.2	45		.23
05	.01	11	50		.16
10		9.8	55		.12
15	.01	6.3	2100		.09
20		4.1	05		.07
25		2.9	10		.04
1930	.04	2.3	15		.04
35	.04	2.1	20		.03
40	.04	2.3	25		.02
45	.03	2.8	2130		.02
50	.02	3.3	35		.01
55		5.5	40		.01
2000		6.5	45		.01
05		4.4	50		.01
10		2.9	55		.01
15		1.9	2200		0
20		1.3			
25		.90			
			TOTAL:	0.30	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 1, 1981

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	8	second	Time	8	second
-----			-----		
0655	0.01	0	0930		0.45
0700		0	35	0.01	.33
05		0	40		.24
10		0	45		.18
15	.01	0	50		.13
20	.03	0	55		.10
25	.03	0	1000		.08
0730	.01	1.4	05		.06
35		2.7	10		.04
40		3.2	15		.04
45		2.5	20		.03
50		1.6	25		.02
55		1.0	1030		.02
0800		.71	35		.02
05		.51	40		.01
10		.38	45		.01
15		.26	50		.01
20	.01	.21	55		.01
25		.19	1100		.01
0830	.03	.18	05		.01
35		.23	10		0
40	.01	1.4	-----		
45		2.7	TOTAL:	0.17	-
50		2.5			
55	.01	1.9			
0900	.01	1.4			
05		1.2			
10		.99			
15		.86			
20		.75			
25		.61			

JULY 1, 1981

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	3	second	Time	8	second
-----			-----		
1335	0.01	0	1530		0.05
40	.03	0	35		.04
45	.22	.03	40		.03
50	.17	13	45		.03
55	.02	50	50		.02
1400	.01	49	55		.02
05		23	1600		.01
10		12	05		.01
15		6.5	10		.01
20		4.1	15		.01
25		2.7	20		.01
1430		1.8	25		.01
35		1.2	1630		0
40		.86	-----		
45		.64	TOTAL:	0.46	-
50		.45			
55		.35			
1500		.24			
05		.19			
10		.15			
15		.11			
20		.09			
25		.07			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 7, 1981

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	8	second		8	second
-----			-----		
1740	0.09	0.09	1930		0.13
45	.28	.19	35		.11
50	.13	.59	40		.08
55	.11	.56	45		.06
1800	.05	.45	50		.05
05	.04	.34	55		.04
10	.03	.24	2000		.03
15	.02	.17	05		.02
20	.01	.12	10		.02
25		8.3	15		.02
1830		5.5	20		.01
35	.01	3.7	25		.01
40		2.7	2030		.01
45		1.8	35	0.01	.01
50		1.3	40		.01
55		.95	45		.01
1900		.67	50		.01
05		.51	55		0
10		.40	2100		0
15		.28	-----		
20		.21	TOTAL:	0.83	-
25		.16			

JULY 15, 1981

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	8	second		8	second
-----			-----		
1825	0.01	0	2100		1.6
1830	.04	0	05		1.3
35	.02	0	10		.99
40	.01	.10	15		.75
45	.01	1.6	20		.57
50	.01	1.9	25		.43
55	.01	2.0	2130		.33
1900		1.8	35		.26
05		1.4	40		.19
10		1.0	45		.15
15		.75	50		.12
20		.51	55		.10
25		.38	2200		.07
1930		.28	05		.06
35		.21	10		.04
40	.01	.16	15		.04
45		.12	20		.03
50	.01	.11	25		.02
55		.10	2230		.02
2000	.01	.10	35		.02
05	.02	.15	40		.01
10	.01	.33	45		.01
15	.01	.61	50		.01
20	.01	1.0	55		.01
25		1.4	2300		.01
2030	.01	1.6	05		.01
35	.02	1.7	10		.01
40	.01	1.9	15		0
45	.01	2.1	-----		
50	.01	2.1	TOTAL:	0.25	-
55		1.9			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 5, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
0605	0.06	0.04	0
10	.01	.02	0
15	.02	.02	0
20	.02	.02	.54
25	.01	.01	1.6
0630	.01	.02	2.6
35		.01	3.2
40	.01		3.1
45	.01	.01	2.4
50	.01	.01	1.8
55	.01	.02	1.5
0700	.01	.01	1.4
05	.01	.01	1.6
10	.02	.02	1.7
15	.02	.02	2.1
20		.01	2.5
25	.01	.01	2.7
0730			3.1
35		.01	2.7
40			2.0
45			1.4
50			1.0
55			.75

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
0800			0.57
05			.43
10			.33
15			.24
20			.18
25			.13
0830			.10
35			.08
40			.06
45			.04
50			.04
55			.03
0900			.02
05			.02
10			.01
15			.01
20			.01
25			.01
0930			.01
35			.01
40			.01
45			0
TOTALS:	0.24	0.27	-

SEPTEMBER 5, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1625		0.01	0
1630			0
35			0
40			0
45			0
50			0
55			0
1700			0
05			0
10			0
15			0
20	0.01		0
25	.03	.03	0
1730	.02	.04	0
35	.03	.03	0
40		.02	1.8
45	.01	.01	4.1
50	.03	.01	6.0
55			4.8
1800			3.7
05			2.7
10			1.9
15			1.2
20			.86
25			.61

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1830			0.40
35			.28
40			.21
45			.15
50			.11
55			.08
1900			.06
05			.04
10			.04
15			.03
20			.02
25			.02
1930			.01
35			.01
40			.01
45			.01
50			.01
55			.01
2000			0
TOTALS:	0.13	0.15	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (03329880) -- Continued

OCTOBER 1, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
0440	0.01		0	0830	0.01	0.01	1.2
45	.01		0	35		.01	1.4
50	.01	0.01	0	40	.01		1.6
55			0	45			1.6
0500	.01	.01	0	50		.01	1.5
05	.01	.01	0	55			1.2
10	.01	.01	0	0900			.99
15		.01	0	05			.82
20	.01		0	10		.01	.67
25		.01	.61	15			.57
0530			.75	20			.51
35	.01		.78	25			.43
40		.01	.75	0930			.38
45			.67	35			.33
50	.01		.57	40			.26
55	.01	.01	.48	45			.23
0600	.01	.01	.43	50			.19
05	.01		.40	55			.16
10		.01	.48	1000			.12
15			.61	05			.10
20	.01		.86	10			.09
25		.01	.99	15			.07
0630	.01		.86	20			.06
35		.01	.75	25			.05
40			.61	1030			.05
45	.01	.01	.51	35			.04
50	.01		.48	40			.04
55		.01	.45	45			.03
0700			.48	50			.03
05	.01		.54	55			.03
10		.01	.57	1100			.03
15			.61	05			.03
20	.01	.01	.61	10			.02
25		.01	.61	15			.02
0730	.01	.01	.57	20			.01
35	.02	.01	.54	25			.01
40		.01	.54	1130			.01
45	.01		.61	35			.01
50		.01	.75	40			.01
55	.01		.90	45			.01
0800	.01	.01	1.1	50			.01
05		.01	1.3	55			.01
10	.01	.01	1.2	1200			0
15	.01	.01	1.1				
20	.01	.01	1.1				
25	.01		1.1				
				TOTALS:	0.30	0.29	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1650	0.02	0.02	0	1930			0.10
55	.13	.08	0	35			.09
1700	.11	.05	.04	40			.08
05		.01	5.0	45			.08
10			13	50			.07
15	.01		11	55			.06
20	.07	.04	5.8	2000			.05
25	.04	.03	4.1	05			.04
1730	.05	.03	6.5	10			.04
35	.01	.01	27	15			.04
40			21	20			.03
45			13	25			.03
50			7.5	2030			.02
55		.01	4.4	35			.02
1800	.02	.01	2.9	40			.02
05	.02	.01	2.1	45			.02
10	.01	.01	1.8	50			.01
15			1.8	55			.01
20			2.0	2100			.01
25			2.3	05			.01
1830			1.9	10			.01
35			1.3	15			.01
40			.95	20			.01
45			.67	25			.01
50			.48	2130			.01
55			.38	35			0
1900			.28				
05			.23				
10			.19				
15			.15				
20			.13				
25		.01	.11				
				TOTALS:	0.49	0.32	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

OCTOBER 2, 1981

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
2300	0.01	0.01	0	0230			0.51
05	.01	.01	0	35			.40
10	.03	.02	0	40			.33
15	.01		.01	45			.26
20	.01	.02	.01	50			.21
25	.03	.02	1.0	55			.16
2330		.01	2.4	0300			.13
35			2.6	05			.11
40			2.5	10			.09
45			2.7	15			.07
50	.04	.03	2.1	20			.06
55	.14	.07	1.4	25			.04
2400	.03	.02	.95	0330			.04
05			.64	35			.03
10	.01	.01	.45	40			.03
15			.33	45			.02
20			.24	50			.02
25	.01	.01	.33	55			.01
0030	.02	.01	1.7	0400			.01
35	.02	.02	14	05			.01
40	.03	.02	18	10			.01
45	.02	.01	11	15			.01
50	.01	.02	6.0	20			.01
55	.03	.02	3.9	25			.01
0100	.02	.01	2.7	0430			.01
05	.01	.01	2.3	35			.01
10	.01	.01	2.3	40			.01
15		.01	2.7	45			.01
20			3.6	50			.01
25			4.4	55			.01
0130			5.2	0500			0
35			5.2				
40			5.4				
45			5.1				
50			4.3				
55			3.6				
0200			3.0				
05			2.3				
10			1.7				
15			1.2				
20			.90				
25			.67				
				TOTALS:	0.50	0.37	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	1.1(*)	0	0	0	
2				---	0	0	0	3.1	0	0	0	
3				---	0	0	0	.03	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	.08	0	0	0	.31(*)	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	.02(*)	
10				---	0	0	0	.00(*)	0	0	.21(*)	
11				---	0	0	0	.11(*)	0	0	0	
12				---	0	0	0	.82(*)	0	0	0	
13				---	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	.04(*)	0	0	
17				0	0	0	0	0	0	0	.01	
18				0	0	0	0	.11	.15(*)	0	.08	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	.22(*)	0	0	
21				0	0	0	0	0	.10(*)	0	0	
22				0	.29(*)	0	.06(*)	0	0	0	0	
23				.01	0	0	0	0	0	0	0	
24				0	0	0	0	.01	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	.09(*)	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	.01	0	0	0	0	0	
31				---	0	---	.12(*)	0	---	0	---	
TOTAL				---	.37	.01	.27	5.28	.82	0	.32	
AC-FT				---	.7	.02	.5	10	1.6	0	.6	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.06	0.50	0.05	0.82	2.15	1.19	0.08	0.56	

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 22, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1545	0.01	0.02	0	1800			1.3
50	.01	.02	0	05			1.1
55	.03	.02	0	10			.95
1600	.02	.02	0	15			.82
05	.03	.02	0	20			.67
10	.02	.03	.75	25			.54
15	.04	.02	3.8	1830			.43
20	.03	.02	4.9	35			.31
25	.02	.02	5.1	40			.23
1630	.02	.01	5.6	45			.18
35	.02	.02	5.6	50			.13
40	.02	.01	5.4	55			.10
45	.01	.01	4.6	1900			.08
50	.01	.01	4.0	05			.06
55	.02	.02	3.5	10			.04
1700	.01	.03	3.2	15			.03
05	.01	.01	3.2	20			.03
10	.02	.01	3.2	25			.02
15	.01		3.3	1930			.02
20	.01	.01	3.3	35			.01
25		.01	3.2	40			.01
1730		.01	3.1	45			.01
35	.01		2.6	50			.01
40		.01	2.3	55			.01
45			2.0	2000			.01
50		.01	1.8	05			0
55			1.6				
				TOTALS:	0.38	0.37	-

JULY 22, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1625	0.06	0.04	0	1730			0.10
1630	.03	.20	.08	35			.07
35		.06	3.5	40		0.01	.05
40			3.4	45			.04
45			2.8	50			.03
50			2.0	55			.02
55			1.4	1800			.02
1700		.01	.86	05			.01
05			.57	10			.01
10			.38	15			.01
15			.26	20			.01
20			.18	25			.01
25			.13	1830			0
				TOTALS:	0.09	0.32	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 26, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1825	0.02	0.02	0
1830	.01		0
35			0
40			0
45			0
50			0
55			0
1900			0
05	.01	.01	0
10	.03	.01	0
15	.02	.03	0
20		.01	0
25	.02	.01	.75
1930	.01	.01	1.6
35			2.0
40	.01	.01	2.1
45	.01		2.0
50		.01	1.7
55	.01	.01	1.4
2000			1.2
05			1.1
10			1.0
15			.95
20			.82
25		.01	.67
2030			.57
35		.01	.48
40		.01	.43
45	.01		.43
50		.01	.45
55	.01	.01	.57

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
2100			0.64
05			.67
10		0.01	.64
15			.54
20			.43
25			.33
2130			.26
35			.21
40			.15
45			.11
50			.09
55			.07
2200			.05
05			.04
10			.03
15			.02
20			.02
25			.01
2230			.01
35			.01
40			.01
45			.01
50			.01
55			0
TOTALS:	0.17	0.19	-

JULY 31, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1920	0.01	0.01	0
25	.02		0
1930	.06	.01	0
35	.05	.04	0
40	.02	.05	4.7
45		.02	8.3
50	.01	.01	7.0
55			4.8
2000			3.2
05	.01		2.1
10			1.4
15			.95
20	.01		.64
25			.45
2030			.33
35			.23
40			.16
45			.12
50			.10
55			.07

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
2100			0.05
05			.04
10			.03
15			.03
20			.02
25			.02
2130			.01
35			.01
40			.01
45			.01
50			.01
55			0
TOTALS:	0.19	0.14	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

AUGUST 1, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1700	0.10	0.06	0
05	.13	.16	4.8
10	.06	.10	16
15	.07	.11	24
20	.08	.10	18
25	.01	.08	15
1730			12
35			8.6
40			4.6
45			2.7
50		.01	1.9
55	.02		1.3

NOTE.--Discharge record lost after 1800 hours

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
1800	0.02	0.02	0.99
TOTALS:	0.49	0.64	-

AUGUST 10, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
2355	0.02	0.01	0
2400	.06	.01	0
05	.02	.02	0
10	.03		3.8
15			7.4
20			5.5
25			3.5
0030			2.1
35			1.3
40			.75
45			.48
50			.35
55			.24
0100			.18
05			.13
10			.10
15			.07
20			.05
25			.04
0130			.03
35			.03
40			.02
45			.02
50			.02
55		.01	.01
0200	.01		.01
05	.01	.01	.01
10			.01
15	.01	.01	.01
20			.01
25			.01

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
0230	0.01		0.18
35			.40
40			.45
45			.45
50			.38
55			.31
0300			.24
05			.19
10			.16
15			.12
20			.10
25			.08
0330			.06
35			.05
40			.04
45			.03
50			.03
55			.02
0400			.02
05			.01
10			.01
15			.01
20			.01
25			.01
0430			.01
35			.01
40			0
TOTALS:	0.17	0.07	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

AUGUST 12, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1755	0.19	0.13	0.06	2030			0.48
1800	.12	.05	9.1	35			.45
05	.11	.07	35	40			.35
10	.14	.14	35	45			.26
15	.03	.16	37	50			.23
20		.04	31	55			.18
25		.03	22	2100			.15
1830		.03	15	05			.12
35		.01	11	10			.10
40		.01	9.5	15			.08
45			7.1	20			.06
50			5.5	25			.05
55		.01	3.6	2130			.04
1900			2.4	35			.03
05			1.7	40			.02
10			1.2	45			.02
15			.90	50			.01
20			.71	55			.01
25			.51	2200			.01
1930		.01	.40	05			.01
35			.33	10			.01
40		.01	.26	15			.01
45	.01		.24	20			.01
50			.24	25			.01
55		.01	.24	2230			0
2000			.26	TOTALS:	0.61	0.72	-
05	.01		.28				
10			.35				
15		.01	.38				
20			.43				
25			.48				

SEPTEMBER 5, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1550	0.13	0.05	0	1800			4.1
55	.21	.09	0	05			2.7
1600	.03	.01	.12	10			1.7
05			18	15			1.2
10			13	20			.78
15			6.7	25			.57
20			3.3	1830			.40
25			1.9	35			.28
1630			1.1	40			.19
35			.67	45			.16
40			.40	50			.12
45			.28	55			.09
50			.21	1900			.07
55			.15	05			.05
1700			.11	10			.04
05			.08	15			.03
10			.06	20			.02
15			.04	25			.02
20	.01		.04	1930			.01
25	.04	.04	.04	35			.01
1730	.09	.05	.05	40			.01
35	.04	.05	.11	45			.01
40	.01	.03	6.4	50			.01
45	.01		9.3	55			.01
50			8.6	2000			0
55		.01	6.3	TOTALS:	0.57	0.33	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329860) -- Continued

SEPTEMBER 16, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
2155	0.09	0.04	0
2200			0
05			1.3
10			2.8
15			2.3
20			1.4
25			.86
2230			.57
35			.35
40			.24
45			.18
50			.13
55			.10
2300			.07
05			.05
10			.04
15			.03
20			.03
25			.02

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
2330			0.02
35		0.01	.01
40			.01
45			.01
50			.01
55			.01
2400			.01
05			0
TOTALS:	0.09	0.05	-

SEPTEMBER 18, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
0445	0.01		0
50		0.01	0
55			0
0500			0
05			0
10			0
15	.01	.02	0
20			0
25			0
0530			.18
35			.38
40			.57
45			.64
50			.61
55			.51
0600			.40
05			.31
10			.24
15			.19
20			.15
25			.12

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8	
0630			0.09
35			.07
40			.05
45			.04
50			.04
55			.03
0700			.02
05			.02
10			.02
15			.01
20			.01
25			.01
0730			.01
35			.01
40			.01
45			.01
50			0
TOTALS:	0.02	0.03	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 18, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1405	0.02	0.02	0	1700			0.02
10	.04	.05	0	05			.07
15	.04	.02	.01	10			.18
20	.02	.02	.75	15			.28
25		.01	2.7	20			.33
1430	.01	.01	4.2	25			.31
35	.01	.01	4.0	1730			.24
40		.01	3.5	35			.21
45	.01		2.8	40			.15
50	.01	.01	2.1	45			.12
55	.01	.01	1.6	50			.10
1500	.01	.01	1.4	55			.08
05			1.3	1800			.06
10		.01	1.3	05			.04
15	.01		1.2	10			.04
20			1.2	15			.03
25			1.1	20			.03
1530			.95	25			.02
35			.75	1830			.02
40			.57	35			.01
45			.45	40			.01
50			.35	45			.01
55			.26	50			.01
1600			.21	55			.01
05			.16	1900			.01
10			.13	05			0
15			.10				
20			.08	TOTALS:	0.20	0.21	-
25			.06				
1630			.05				
35			.04				
40	.01	.01	.04				
45			.03				
50		.01	.03				
55			.03				

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 20, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
0135	0.01	0.01	0	0630			0.07
40			0	35			.06
45	.01		0	40			.05
50		.01	0	45			.05
55			0	50			.04
0200	.01	.01	0	55			.04
05			0	0700			.04
10			0	05			.04
15			0	10			.03
20			0	15			.03
25			.26	20			.03
0230			.28	25			.03
35	.01	.01	.26	0730			.03
40	.01		.24	35			.03
45		.01	.21	40			.03
50			.21	45			.03
55			.28	50			.03
0300			.35	55			.03
05			.51	0800			.03
10	.01	.01	.57	05			.02
15		.01	.57	10			.02
20	.01	.01	.54	15			.02
25	.01	.01	.51	20			.02
0330	.01		.61	25			.02
35	.01	.02	.90	0830			.02
40	.02	.02	1.3	35			.02
45	.02	.01	1.8	40			.02
50	.01	.02	2.1	45			.02
55	.02	.01	2.5	50			.02
0400			3.0	55			.02
05			3.0	0900			.02
10		.01	2.6	05			.02
15			2.1	10			.02
20			1.6	15			.02
25			1.2	20			.02
0430		.01	.90	25			.02
35	.01	.01	.71	0930			.02
40		.01	.61	35			.02
45	.05	.04	.61	40			.02
50	.02	.02	.82	45			.02
55	.02	.01	2.0	50			.02
0500	.02	.01	4.6	55			.01
05		.01	6.1	1000			.01
10			5.2	05			.01
15			4.0	10			.01
20			2.8	15		0.01	.01
25			1.9	20			.01
0530			1.3	25			0
35			.95				
40			.67	TOTALS:	0.29	0.31	-
45			.48				
50			.35				
55			.26				
0600			.21				
05			.16				
10			.13				
15			.11				
20			.09				
25			.08				

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SEPTEMBER 21, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
0015	0.01		0	0300			0.23
20		0.01	0	05			.23
25	.01	.01	0	10			.24
0030	.01	.01	0	15		0.01	.24
35			0	20			.26
40		.01	0	25			.28
45	.01	.01	0	0330			.31
50	.01	.01	.86	35			.31
55	.01	.01	1.1	40			.26
0100	.01	.01	1.2	45			.24
05	.02	.01	1.4	50			.21
10	.01	.01	1.7	55			.18
15	.01	.01	1.9	0400			.15
20		.01	2.2	05			.13
25			2.3	10			.11
0130			2.2	15			.09
35		.01	1.9	20			.07
40			1.4	25			.06
45			1.2	0430			.04
50			.99	35			.04
55			.82	40			.03
0200			.67	45			.03
05			.57	50			.02
10			.45	55			.02
15			.38	0500			.02
20		.01	.31	05			.01
25			.26	10			.01
0230			.23	15			.01
35			.21	20			.01
40			.21	25			.01
45			.21	0530			.01
50		.01	.21	35			.01
55			.21	40			0
				TOTALS:	0.11	0.16	-

NOVEMBER 9, 1982

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
0830		0.01	0	1030			0.11
35	0.01		0	35			.09
40	.01	.01	0	40			.07
45			0	45			.05
50			0	50			.04
55	.01	.01	0	55			.03
0900	.02	.01	0	1100			.03
05	.01	.01	0	05			.02
10	.01		0	10			.02
15		.01	0	15			.01
20			0	20			.01
25			.54	25			.01
0930	.01		.82	1130			.01
35		.01	.78	35			.01
40			.67	40			0
45			.51				
50			.40	TOTALS:	0.08	0.07	-
55			.33				
1000			.28				
05			.24				
10			.21				
15			.19				
20			.16				
25			.13				

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

NOVEMBER 10, 1932

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 7	Gage 8			Gage 7	Gage 8	
1615	0.01	0.01	0	2100	0.01		0.03
20			0	05	.01	0.01	.03
25	.03	.02	0	10	.01	.01	.03
1630	.04	.02	0	15		.01	.04
35	.01	.02	0	20			.35
40	.02	.01	8.3	25			.90
45		.01	7.1	2130			1.2
50			4.7	35			1.1
55		.01	3.2	40			.90
1700		.01	2.3	45			.67
05			1.7	50			.48
10			1.1	55			.35
15			.78	2200			.24
20			.54	05			.19
25			.40	10			.13
1730			.31	15			.10
35			.23	20			.08
40			.16	25			.06
45			.12	2230			.05
50			.10	35			.04
55			.07	40			.03
1800			.05	45			.02
05			.04	50			.02
10			.03	55			.02
15	.01	.01	.03	2300			.01
20	.05	.03	.04	05	.01	.01	.01
25		.01	.05	10	.01	.01	.01
1830			.64	15		.01	.02
35			2.0	20	.01		.02
40	.01	.01	2.9	25			.45
45			2.1	2330			1.4
50			1.6	35			1.6
55			1.1	40			1.1
1900			.86	45			.86
05			.78	50			.64
10			.67	55			.45
15			.57	2400			.33
20			.43	05			.24
25		.01	.33	10			.18
1930			.24	15			.13
35			.19	20			.10
40			.15	25			.07
45	.01		.12	0030			.05
50			.10	35			.04
55			.08	40			.03
2000			.07	45			.03
05			.07	50			.02
10			.07	55			.02
15			.07	0100			.01
20			.07	05			.01
25			.06	10			.01
2030			.06	15			.01
35			.05	20			.01
40			.04	25			.01
45		.01	.04	0130			0
50			.03				
55			.03	TOTALS:	0.25	0.25	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	.28	0	0
2			---	0	0	0	0	.06(*)	0	.12	0	---
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	.05	---
5			---	0	0	0	0	0	0	.05	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	.09	0	0	---
8			---	0	0	0	0	0	.26	.19	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	.03	.20	.03	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	.10(*)	0	0	0	---
14			.03	.01	0	0	0	.04	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	.02	0	0	0	0	0	---
18			.03	0	0	0	.03	.03	0	0	0	---
19			.03	0	.05(*)	0	0	0	0	0	0	---
20			.14	0	.03	0	.07(*)	0	0	.21	0	---
21			.01	0	0	0	0	0	0	0	.05	---
22			0	0	0	0	.20(*)	0	0	0	0	---
23			.01	0	0	0	0	0	0	0	0	---
24			0	0	0	.03(*)	0	0	0	0	0	---
25			0	0	0	.46(*)	0	.05	0	0	0	---
26			0	0	0	0	.06(*)	0	0	0	0	---
27			0	0	0	0	0	0	.19	0	0	---
28			0	0	.06(*)	0	0	0	0	0	0	---
29			0	0	.01	0	.18(*)	0	0	0	0	---
30			0	0	0	0	.01(*)	0	0	0	0	---
31			0	---	0	---	.97(*)	0	---	0	---	---
TOTAL			---	.01	.15	.51	1.55	.48	.57	.85	.10	---
AC-FT			---	.02	.3	1.0	3.1	1.0	1.1	1.7	.2	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.22	0.06	0.33	0.55	1.35	0.67	0.73	1.11	0.19	0.00

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 19, 1983

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 8	feet per second		Gage 8	feet per second
-----			-----		
1745		0	2030		0.18
50	0.01	0	35		1.6
55	.01	0	40		2.5
1800		0	45		2.2
05		0	50		1.7
10	.01	0	55		1.2
15		0	2100		.82
20		0	05		.57
25		0	10		.43
1830		0	15		.33
35		0	20		.24
40		0	25		.18
45		0	2130		.13
50		0	35		.11
55		.02	40		.09
1900		.04	45		.07
05		.05	50		.06
10		.04	55		.04
15		.04	2200		.04
20		.03	05		.03
25		.03	10		.03
1930		.02	15		.02
35		.02	20		.02
40		.01	25		.01
45		.01	2230		.01
50		.01	35		.01
55		.01	40		.01
2000	.01	.01	45		.01
05		.01	50		.01
10	.01	.01	55		.01
15	.02	.01	2300		.01
20	.02	.01	05		0
25	.01	.01	-----		
			TOTAL:	0.10	-

MAY 28, 1983

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 8	feet per second		Gage 8	feet per second
-----			-----		
2105		0	2330		0.24
10	0.01	0	35		.21
15	.03	0	40		.18
20	.01	0	45		.13
25		0	50		.11
2130	.01	0	55		.09
35		1.2	2400		.08
40		2.5	05		.05
45		2.0	10		.04
50		1.4	15		.03
55		1.0	20		.03
2200	.01	.78	25		.03
05		.61	0030		.02
10		.48	35		.02
15		.40	40		.01
20		.35	45		.01
25		.35	50		.01
2230	.01	.35	55		.01
35		.40	0100		.01
40		.43	05		.01
45	.01	.43	10		.01
50		.40	15		.01
55		.38	20		0
2300		.35	-----		
05	.01	.33	TOTAL:	0.10	-
10		.33			
15		.31			
20		.28			
25		.26			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JUNE 24, 1983

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8			Gage 8	

1450		0	1700		0.07
55	0.01	0	05		.05
1500	.01	0	10		.04
05	.01	0	15		.04
10		0	20		.03
15		0	25		.03
20		0	1730		.03
25		.04	35	0.01	.02
1530	.01	.71	40		.02
35		.90	45		.02
40	.01	.86	50		.01
45		.71	55		.01
50		.61	1800		.01
55		.57	05		.01
1600		.54	10		.01
05		.54	15		.01
10		.51	20		.01
15		.45	25		0
20		.38	1830		.01
25		.31	35		.01
1630		.24	40		.01
35		.19	45		0
40		.15	-----		
45		.12	TOTAL:	0.06	-
50		.10			
55		.08			

JUNE 25, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 8		Time	Gage 8	

1415		0	1700		0.67
20	0.05	0	05		.51
25	.08	0	10		.40
1430	.18	.01	15		.28
35	.05	16	20		.23
40	.03	39	25		.18
45	.01	25	1730		.13
50		15	35		.10
55		9.0	40		.08
1500	.01	5.5	45		.07
05		3.4	50		.05
10		2.2	55		.04
15	.01	1.6	1800		.03
20		1.2	05		.03
25		.90	10		.02
1530		.75	15		.02
35		.64	20		.02
40		.54	25		.01
45		.43	1830		.01
50		.35	35		.01
55		.28	40		.01
1600		.23	45		.01
05	.01	.18	50		.01
10	.02	.16	55		.01
15		.15	1900		.01
20	.01	.12	05		0
25	.01	.19	-----		
1630		.54	TOTAL:	0.47	-
35		1.3			
40		1.4			
45		1.2			
50		1.0			
55		.86			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329380) -- Continued

JULY 20, 1983

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
1705		0
10	0.01	0
15	.05	0
20	.05	0
25		5.1
1730		6.3
35		3.5
40		1.9
45		1.1
50		.71
55		.54
1800		.35
05		.24
10		.19
15		.13
20		.11
25		.08
1830		.07
35		.05
40		.04
45		.03
50		.03
55		.02

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
1900		0.02
05		.02
10		.01
15		.01
20		.01
25		.01
1930		.01
35		.01
40		.01
45		.01
50		.01
55		0
TOTAL:	0.11	-

JULY 22, 1983

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
1750		0
55	0.03	3.7
1800	.03	14
05	.02	11
10	.03	8.0
15	.01	5.6
20	.01	4.2
25		3.4
1830		2.5
35		1.7
40		1.1
45		.75
50		.54
55		.38
1900		.26
05		.19
10		.15
15		.11
20		.09
25		.07

Time	Rainfall, in inches Gage 8	Discharge, in cubic feet per second
1930		0.06
35		.04
40		.04
45		.03
50		.03
55		.02
2000		.02
05		.01
10		.01
15		.01
20		.01
25		.01
2030		.01
35		.01
40		.01
45		0
TOTAL:	0.13	-

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 26, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8			Gage 8	
1935		0	2130		0.04
40		1.1	35		.04
45	0.02	1.8	40		.03
50	.02	1.8	45		.03
55	.01	1.6	50		.02
2000		1.3	55		.02
05		1.1	2200		.02
10	.01	.90	05		.01
15		.82	10		.01
20	.01	.78	15		.01
25	.01	.78	20		.01
2030	.01	.71	25		.01
35		.64	2230		.01
40		.54	35		.01
45		.45	40		.01
50		.35	45		0
55		.20			
2100		.19	TOTAL:	0.09	-
05		.15			
10		.12			
15		.10			
20		.07			
25		.06			

JULY 29, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 8			Gage 8	
1330		0	1600		0.61
35		2.2	05		.45
40		9.3	10		.35
45	0.05	13	15		.28
50	.10	7.7	20		.21
55	.01	3.8	25		.16
1400		2.1	1630		.13
05		1.3	35		.10
10		.82	40		.08
15		.54	45		.07
20		.38	50		.05
25		.26	55		.04
1430		.21	1700		.03
35		.16	05		.03
40		.12	10		.02
45		.10	15		.02
50		.08	20		.02
55		.06	25		.01
1500		.05	1730		.01
05	.01	.04	35		.01
10		.04	40		.01
15	.01	.04	45		.01
20		.04	50		.01
25		.12	55		.01
1530	.01	.51	1800		.01
35		1.1	05		.01
40	.01	1.5	10		0
45		1.4			
50		1.1	TOTAL:	0.20	-
55		.82			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 30, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	8	second	Time	8	second
-----			-----		
0430		0	0630		0.02
35	0.01	0	35		.02
40	.01	0	40		.02
45		0	45		.01
50		0	50		.01
55		.13	55		.01
0500	.01	.28	0700		.01
05		.28	05		.01
10		.24	10		.01
15		.23	15		.01
20		.19	20		.01
25		.18	25		.01
0530		.15	0730		.01
35		.12	35		.01
40		.10	40		0
45		.09	-----		
50		.07	TOTAL:	0.03	-
55		.06			
0600		.05			
05		.04			
10		.04			
15		.03			
20		.03			
25		.03			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (08329880) -- Continued

JULY 31, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 8		Time	Gage 8	
-----			-----		
0250		0	0630		0.11
55	0.01	0	35		.09
0300	.02	7.0	40	0.01	.08
05	.05	16	45		.07
10	.06	31	50		.06
15	.07	35	55		.05
20	.07	33	0700		.04
25	.06	28	05		.04
0330	.03	21	10		.04
35	.01	14	15		.04
40	.01	9.3	20		.03
45		6.3	25		.03
50	.01	4.7	0730		.03
55	.01	3.8	35		.02
0400	.01	3.6	40		.02
05	.02	3.8	45		.02
10	.02	3.9	50		.02
15	.01	4.6	55		.01
20	.01	5.1	0800		.01
25	.02	5.0	05		.01
0430	.02	4.8	10		.01
35	.02	4.7	15		.01
40	.01	4.4	20		.01
45	.01	4.2	25		.01
50	.01	3.9	0830		.01
55		3.4	35		.01
0500	.01	2.9	40		.01
05		2.4	45		.01
10	.01	2.0	50		.01
15		1.7	55		.01
20		1.4	0900		.01
25		1.1	05		.01
0530		.95	10		.01
35		.82	15		.01
40		.67	20		0
45		.57	-----		
50		.48	TOTAL:	0.60	-
55		.40			
0600		.35			
05		.28			
10		.24			
15		.19			
20		.16			
25		.13			

Table 7.--ACADEMY ACRES DRAIN AT ALBUQUERQUE (03329880) -- Concluded

AUGUST 2, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 8	feet per second	Time	Gage 8	feet per second
-----			-----		
0350		0	0630		0.26
55	0.01	0	35		.23
0400		0	40		.19
05		0	45		.18
10		0	50		.18
15		0	55		.18
20		0	0700		.16
25		0	05		.15
0430		0	10		.12
35		0	15		.11
40		0	20		.09
45		0	25		.08
50		0	0730		.06
55		0	35		.05
0500	.01	0	40		.04
05		0	45		.04
10	.01	0	50		.03
15		0	55		.03
20		0	0800		.02
25		.06	05		.02
0530	.01	.23	10		.02
35	.04	.45	15		.01
40		1.0	20		.01
45		1.7	25		.01
50		2.5	0830		.01
55		2.3	35		.01
0600	.01	1.7	40		.01
05		1.2	45		.01
10		.82	50		.01
15		.57	55		.01
20		.43	0900		.01
25	.01	.33	05		0
-----			-----		
			TOTAL:	0.10	-

AUGUST 13, 1983

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 8	feet per second	Time	Gage 8	feet per second
-----			-----		
1615		0	1800		0.03
20	0.02	2.1	05		.03
25	.04	9.5	10		.02
1630		6.5	15		.02
35		3.7	20		.01
40		2.3	25		.01
45	.01	1.4	1830		.01
50		.90	35		.01
55		.64	40		.01
1700		.43	45	0.01	.01
05		.33	50		.01
10		.24	55		.01
15		.19	1900		.01
20		.16	05		.01
25		.12	10		.01
1730		.09	15		0
35		.08	-----		
40		.06	TOTAL:	0.08	-
45		.05			
50		.04			
55		.03			

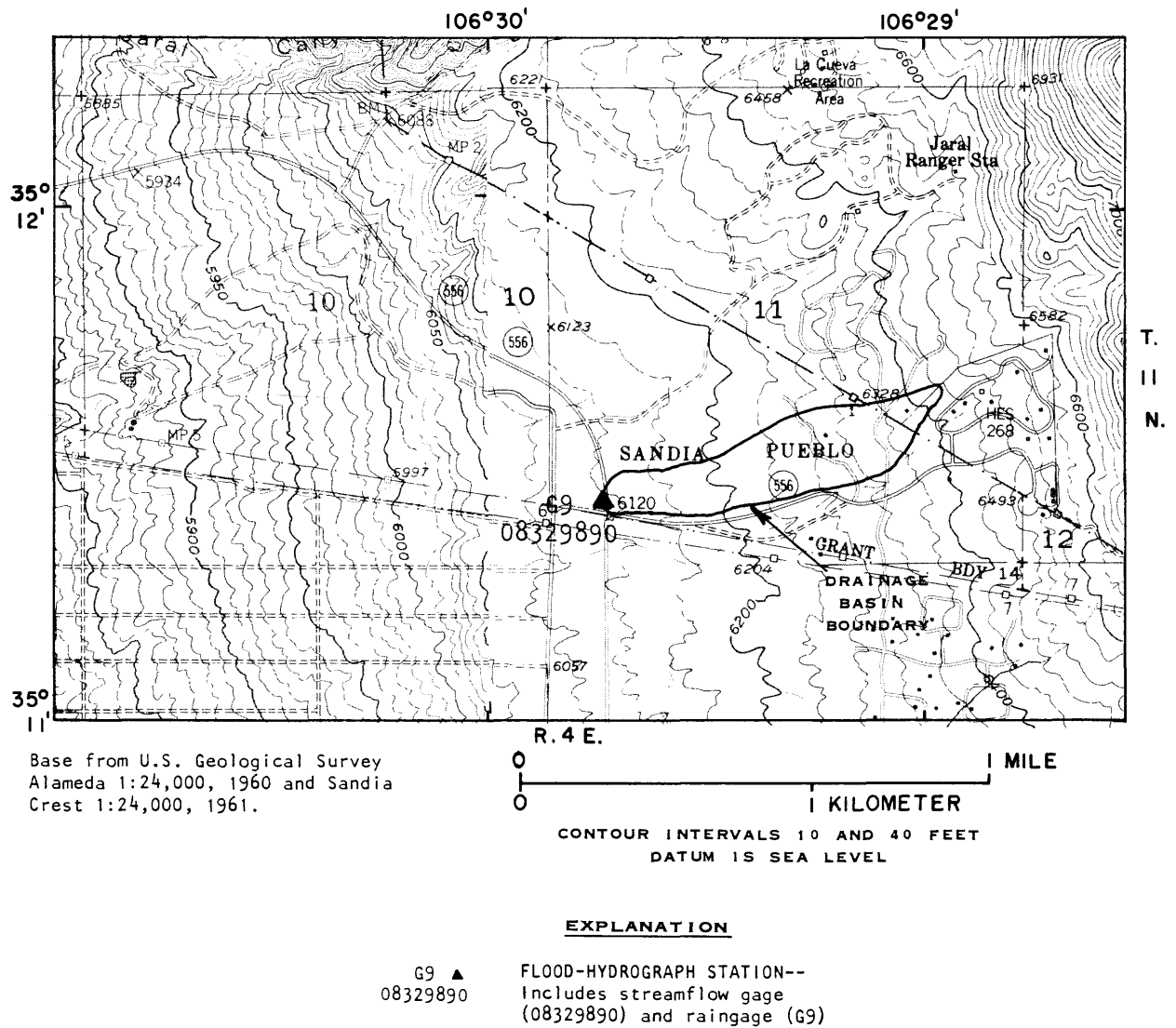


Figure 5.--Drainage basin for La Cueva Arroyo Tributary (08329890).

Table 8.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890), 1977-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 11 min 26 sec, long 106 deg 29 min 44 sec, in SW1/4 SW1/4 sec.11, T.11 N., R.4 E., Bernalillo County, Hydrologic Unit 13020203, on right bank 7 ft (2 m) upstream from culvert under State Highway 556 (Tramway Road), 115 ft (35 m) northeast of intersection of Tramway Rd and Tramway Blvd, 4.1 mi (6.6 km) north of intersection of Montgomery and Tramway Blvds, and 4.6 mi (7.4 km) east of intersection of Interstate Highway 25 and State Highway 556.

DRAINAGE AREA.--0.090 sq mi (0.233 sq km).

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

GAGE.--Water-stage recorder. Altitude 6,100 ft (1,859.28 m), from topographic orthophoto map.

REMARKS.--Records good. Recording rain gage at station. Basin drains rural area with natural prairie vegetation.

STAGE-DISCHARGE RELATION.--Rating developed on basis of Culvert Computation.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 77 cu ft per sec (2.18 cu m per sec) June 29, 1981, gage height, 4.91 ft (1.497 m); no flow most of the time.

EXTREMES.--No flow recorded during period May to December 1977.

Calendar year 1978: No flow recorded.

Calendar year 1979: No flow recorded.

Calendar year 1980: Maximum discharge, 37 cu ft per sec (1.05 cu m per sec) Sept. 6, gage height, 3.56 ft (1.085 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 77 cu ft per sec (2.18 cu m per sec) June 29, gage height, 4.91 ft (1.497 m); no flow most of the time.

Calendar year 1982: No flow recorded.

Calendar year 1983: Maximum discharge, 19 cu ft per sec (0.538 cu m per sec) Sept. 27, gage height, 2.72 ft (0.829 m); no flow most of the time.



Photograph 10.--La Cueva Arroyo Tributary (08329890).

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0	0	0
2					---	0	0	0	0	0	0	0
3					---	0	0	0	0	0	0	0
4					---	0	0	0	0	0	0	0
5					---	0	0	0	0	0	0	0
6					---	0	0	0	0	0	0	0
7					---	0	0	0	0	0	0	0
8					---	0	0	0	0	0	0	0
9					---	0	0	0	0	0	0	0
10					---	0	0	0	0	0	0	0
11					---	0	0	0	0	0	0	0
12					---	0	0	0	0	0	0	0
13					---	0	0	0	0	0	0	0
14					---	0	0	0	0	0	0	0
15					---	0	0	0	0	0	0	0
16					---	0	0	0	0	0	0	0
17					---	0	0	0	0	0	0	0
18					---	0	0	0	0	0	0	0
19					---	0	0	0	0	0	0	0
20					---	0	0	0	0	0	0	0
21					---	0	0	0	0	0	0	0
22					---	0	0	0	0	0	0	0
23					---	0	0	0	0	0	0	0
24					---	0	0	0	0	0	0	0
25					---	0	0	0	0	0	0	0
26					0	0	0	0	0	0	0	0
27					0	0	0	0	0	0	0	0
28					0	0	0	0	0	0	0	0
29					0	0	0	0	0	0	0	0
30					0	0	0	0	0	0	0	0
31					0	---	0	0	---	0	---	0
TOTAL					---	0	0	0	0	0	0	0
AC-FT					---	0	0	0	0	0	0	0

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				0.03	0.00	0.61	1.72	0.75	0.15	1.00	0.23

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	---
10	0	0	0	0	0	0	0	0	0	0	0	---
11	0	0	0	0	0	0	0	0	0	0	0	---
12	0	0	0	0	0	0	0	0	0	0	0	---
13	0	0	0	0	0	0	0	0	0	0	0	---
14	0	0	0	0	0	0	0	0	0	0	0	---
15	0	0	0	0	0	0	0	0	0	0	0	---
16	0	0	0	0	0	0	0	0	0	0	0	---
17	0	0	0	0	0	0	0	0	0	0	0	---
18	0	0	0	0	0	0	0	0	0	0	0	---
19	0	0	0	0	0	0	0	0	0	0	0	---
20	0	0	0	0	0	0	0	0	0	0	0	---
21	0	0	0	0	0	0	0	0	0	0	0	---
22	0	0	0	0	0	0	0	0	0	0	0	---
23	0	0	0	0	0	0	0	0	0	0	0	---
24	0	0	0	0	0	0	0	0	0	0	0	---
25	0	0	0	0	0	0	0	0	0	0	0	---
26	0	0	0	0	0	0	0	0	0	0	0	---
27	0	0	0	0	0	0	0	0	0	0	0	---
28	0	0	0	0	0	0	0	0	0	0	0	---
29	0	---	0	0	0	0	0	0	0	0	0	---
30	0	---	0	0	0	0	0	0	0	0	0	---
31	0	---	0	---	0	---	0	0	---	0	---	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	---
AC-FT	0	0	0	0	0	0	0	0	0	0	0	---

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1.40	1.18	1.37	0.22	1.33	0.66	1.13	1.25	0.59	0.88	1.67	0.06

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0		
2				---	0	0	0	0	0	0		
3				---	0	0	0	0	0	0		
4				---	0	0	0	0	0	0		
5				---	0	0	0	0	0	0		
6				---	0	0	0	0	0	0		
7				---	0	0	0	0	0	0		
8				---	0	0	0	0	0	0		
9				---	0	0	0	0	0	0		
10				---	0	0	0	0	0	0		
11				---	0	0	0	0	0	0		
12				---	0	0	0	0	0	0		
13				---	0	0	0	0	0	0		
14				---	0	0	0	0	0	0		
15				---	0	0	0	0	0	0		
16				---	0	0	0	0	0	0		
17				---	0	0	0	0	0	0		
18				---	0	0	0	0	0	0		
19				---	0	0	0	0	0	0		
20				---	0	0	0	0	0	0		
21				---	0	0	0	0	0	0		
22				---	0	0	0	0	0	0		
23				---	0	0	0	0	0	0		
24				---	0	0	0	0	0	0		
25				---	0	0	0	0	0	0		
26				---	0	0	0	0	0	0		
27				---	0	0	0	0	0	0		
28				0	0	0	0	0	0	0		
29				0	0	0	0	0	0	0		
30				0	0	0	0	0	0	0		
31				---	0	---	0	0	---	0		
TOTAL				---	0	0	0	0	0	0		
AC-FT				---	0	0	0	0	0	0		

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.03	1.53	1.29	0.65	2.78	0.67	0.35		

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	.63(*)	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	.26(*)	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	.16(*)	0	0	
12			---	0	0	0	0	0	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			0	0	0	0	0	.49(*)	0	0	0	
15			0	0	0	0	0	0	0	0	0	
16			0	0	0	0	0	0	0	0	0	
17			0	0	0	0	0	0	0	0	0	
18			0	0	0	0	0	0	0	0	0	
19			0	0	0	0	0	0	0	0	0	
20			0	0	0	0	0	0	0	0	0	
21			0	0	0	0	0	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	0	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	0	0	0	0	.49	1.05	0	0	
AC-FT			---	0	0	0	0	1.0	2.1	0	0	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.43	0.53	0.58	0.15	0.26	4.09	4.51	0.27	0.27	

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9			Gage 9	
0245		0	0430	0.02	8.3
50	0.05	0	35	.08	7.0
55	.02	0	40	.11	5.1
0300	.03	0	45	.19	4.3
05	.02	0	50	.04	8.5
10	.05	0	55	.07	9.9
15	.06	0	0500	.13	8.0
20	.12	0	05	.15	7.4
25	.14	0	10	.08	17
0330	.20	0	15	.05	13
35	.10	0	20	.02	9.6
40	.10	0	25		7.0
45	.13	0	0530	.01	4.1
50	.07	0	35		2.0
55	.10	0	40		1.0
0400	.19	0	45		0
05	.17	0			
10	.15	0	TOTAL:	2.89	-
15	.09	6.3			
20	.07	11			
25	.07	9.5			

NOTE.--Discharge below 7.0 cu ft per sec estimated

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9			Gage 9	
1935		0	2030	0.05	14
40	0.01	0	35	.01	12
45	.24	0	40		7.8
50	.23	9.6	45		3.8
55	.13	13	50	.01	1.1
2000	.18	15	55		0
05	.11	19			
10	.10	37	TOTAL:	1.23	-
15	.05	21			
20	.05	15			
25	.06	14			

NOTE.--Discharge below 7.0 cu ft per sec estimated

SEPTEMBER 8, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9			Gage 9	
1940		0	2030	0.01	13
45		0	35		9.1
50	0.06	0	40		7.9
55	.05	0	45		4.6
2000	.10	0	50		1.6
05	.16	0	55		0
10	.17	0			
15	.13	7.8	TOTAL:	0.74	-
20	.04	15			
25	.01	15			

NOTE.--Discharge below 7.0 cu ft per sec estimated

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

SEPTEMBER 11, 1980

-----			-----		
Time	Rainfall, in inches	Discharge,	Time	Rainfall, in inches	Discharge,
	Gage	in cubic		Gage	in cubic
	9	feet per		9	feet per
		second			second
-----			-----		
0020		0	0100		6.5
25	0.01	0	05		6.6
0030	.02	0	10		6.6
35	.01	0	15		3.2
40		0	20		0
45	.07	7.2	-----		
50	.39	7.8	TOTAL:	0.50	-
55		6.7	-----		

NOTE.--Rainfall unit values estimated; discharge below 7.0 cu ft per sec estimated

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	.19(*)	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	.43(*)	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				---	0	0	0	0	0	0	0	
14				---	0	0	0	0	0	0	0	
15				---	0	0	0	0	0	0	0	
16				---	0	0	0	0	0	0	0	
17				---	0	0	0	0	0	0	0	
18				---	0	0	0	0	0	0	0	
19				---	0	0	0	0	0	0	0	
20				0	0	0	0	.15(*)	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	.74(*)	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	.74	.43	.15	0	.19	0	
AC-FT				---	0	1.5	.9	.3	0	.4	0	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.00	1.15	1.23	1.52	0.60	0.76	1.44	0.04	

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 29, 1981

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 9		Time	Gage 9	

1320		0	1400		5.2
25		3.0	05		2.4
1330		77	10	0.81	0
35		63	-----		
40		23	TOTAL:	0.81	-
45		15			
50		12			
55		8.4			

NOTE.--Record lost at raingage 9; discharge below 7.0 cu ft per sec estimated

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

JULY 7, 1981

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
1720		0
25	0.04	0
1730	.27	0
35	.25	6.3
40	.20	14
45	.13	16
50	.03	17
55	.02	18

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
1800	0.01	16
05		14
10	.01	11
15	.01	7.4
20	.01	4.6
25	.01	.72
1830		0
TOTAL:	0.99	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

AUGUST 20, 1981

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
2115		0
20	0.04	0
25	.15	0
2130	.11	0
35	.10	0
40	.01	0
45		8.3
50	.01	11
55		10

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
2200		7.0
05		4.3
10		2.0
15		0
TOTAL:	0.42	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

OCTOBER 2, 1981

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
1655	0.03	0
1700	.09	0
05	.01	0
10	.01	0
15	.01	6.5
20	.01	7.4
25	.06	6.7
1730	.10	4.5
35	.06	2.2
40	.03	0
45	.02	7.4
50	.01	7.7
55		7.1

Time	Rainfall, in inches Gage 9	Discharge, in cubic feet per second
1800		4.5
05		2.0
10	0.01	0
15	.01	0
20		0
TOTAL:	0.46	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	0	0	0	0	
AC-FT				---	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.12	0.88	0.26	0.69	2.00	1.62	0.25	1.02	

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329890) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	0
2			---	0	0	0	0	0	0	0	0	---
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	0	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	0	0	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	0	0	0	0	0	---
12			---	0	0	0	.12(*)	0	0	0	0	---
13			---	0	0	0	0	0	0	0	0	---
14			0	0	0	0	0	0	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	0	0	0	0	0	---
19			0	0	0	0	0	0	0	0	0	---
20			0	0	0	0	0	0	0	0	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	0	0	0	0	0	---
23			0	0	0	0	0	0	0	0	0	---
24			0	0	0	0	0	0	0	0	0	---
25			0	0	0	0	0	0	0	0	0	---
26			0	0	0	0	0	0	0(*)	0	0	---
27			0	0	0	0	0	0	.41(*)	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	0	0	0	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	.18(*)	0	---	0	---	---
TOTAL			---	0	0	0	.30	0	.41	0	0	---
AC-FT			---	0	0	0	.6	0	.8	0	0	---

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				0.04	0.21	2.99	0.95	1.94	1.62	0.57	0.00

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 12, 1983

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage 9		Time	Gage 9	
1730		0	1800	0.06	6.8
35	0.05	0	05	.02	6.8
40	.05	0	10		6.7
45	.15	0	15		6.3
50	.18	0	20		3.0
55	.10	6.1	25		0
			TOTAL:	0.61	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

Table 8.--LA CUEVA ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329&90) -- Concluded

JULY 31, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
0105		0
10	0.01	0
15	.01	0
20	.01	0
25		0
0130		0
35	.01	0
40		0
45		0
50		0
55		0
0200		0
05		0
10		0
15		0
20	.01	0
25	.01	0
0230		0
35	.01	0
40	.01	0
45	.02	0
50	.02	0
55	.02	0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
0300	0.02	0
05	.03	0
10	.05	0
15	.06	3.0
20	.02	6.3
25	.01	7.9
0330	.02	7.2
35	.03	7.3
40	.02	7.5
45	.03	6.3
50	.03	4.2
55	.02	2.2
0400	.03	0

TOTAL:	0.51	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

SEPTEMBER 26, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
2330		0
35	0.02	0
40	.02	0
45	.04	0
50	.02	0
55	.01	0
2400	.01	0
05	.01	0
10		0
15	.14	0
20	.14	0
25	.07	3.0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
0030	0.06	6.2
35	.03	7.4
40	.02	7.3
45	.03	6.8
50		6.5
55	.01	4.8
0100		3.0
05	.01	1.4
10		0

TOTAL:	0.67	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

SEPTEMBER 27, 1983

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
1725		0
1730	0.01	0
35	.06	0
40	.18	0
45	.09	6.3
50	.03	19
55	.05	18

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 9	
1800	0.02	11
05	.01	8.1
10		5.7
15		3.3
20	.01	1.4
25		0

TOTAL:	0.47	-

NOTE.--Discharge below 7.0 cu ft per sec estimated

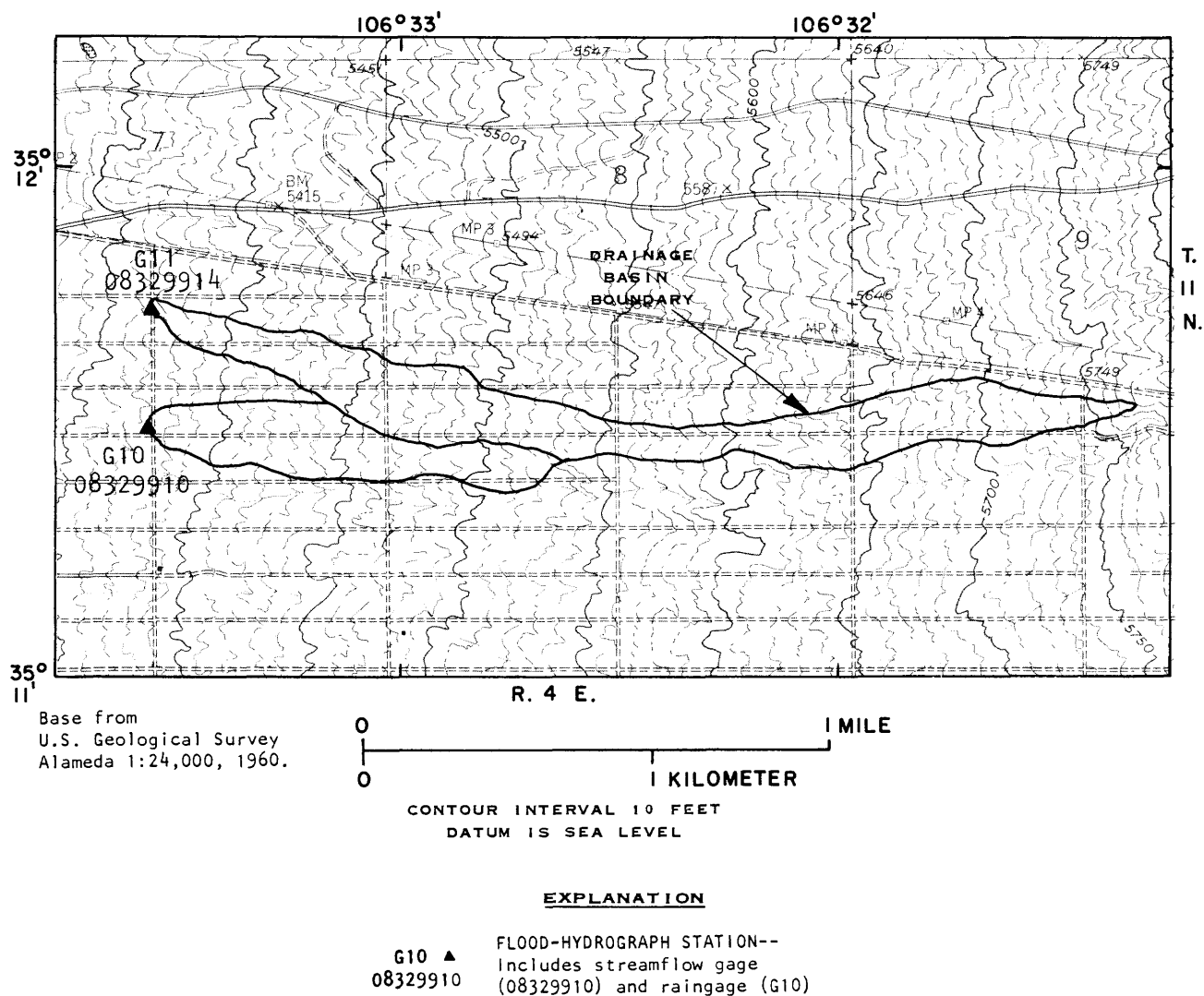


Figure 6.--Drainage basins for Camino Arroyo Tributary (08329910)
and North Camino Arroyo Tributary (08329914).

Table 9.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910), 1979-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 11 min 33 sec, long 106 deg 33 min 58 sec, Bernalillo County, Hydrologic Unit 13020203, in Elena Gallegos Grant, on left bank in right-of-way for extension of Wyoming Blvd, 150 ft (46 m) north of Florence Ave, 370 ft (113 m) south of San Diego Ave, and 1.2 mi (1.9 km) north of intersection of Los Angeles and Wyoming Blvds.

DRAINAGE AREA.--0.089 sq mi (0.231 sq km).

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

GAGE.--Water-stage recorder. Altitude of gage is 5,370 ft (1,636.78 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Drainage basin is undeveloped semi-desert terrain.

STAGE-DISCHARGE RELATION.--Rating developed on basis of step-backwater analysis of reach of natural stream channel and slope-area measurements at discharges of 63 cu ft per sec (1.78 cu m per sec) and 80 cu ft per sec (2.27 cu m per sec).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 80 cu ft per sec (2.26 cu m per sec) Sept. 6, 1980, gage height, 2.11 ft (0.643 m); no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1979, 0.37 cu ft per sec (0.01 cu m per sec) Aug. 15, gage height, 1.02 ft (0.311 m), from slope-area measurement of peak flow; no flow most of the time.

Calendar year 1980: Maximum discharge, 80 cu ft per sec (2.26 cu m per sec) Sept. 6, gage height, 2.11 ft (0.643 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 49 cu ft per sec (1.39 cu m per sec) July 7, gage height, 1.81 ft (0.552 m); no flow most of the time.

Calendar year 1982: Maximum discharge, 5.5 cu ft per sec (0.16 cu m per sec) July 31, gage height, 1.20 ft (0.366 m); no flow most of the time.

Calendar year 1983: No flow recorded.



Photograph 11.--Camino Arroyo Tributary (08329910). Direction of view is downstream.

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0		
2						---	0	0	0	0		
3						---	0	0	0	0		
4						---	0	0	0	0		
5						---	0	0	0	0		
6						---	0	0	0	0		
7						---	0	0	0	0		
8						---	0	0	0	0		
9						---	0	0	0	0		
10						---	0	0	0	0		
11						---	0	0	0	0		
12						---	0	0	0	0		
13						---	0	0	0	0		
14						0	0	0	0	0		
15						0	0	0	0	0		
16						0	0	0	0	0		
17						0	0	0	0	0		
18						0	0	0	0	0		
19						0	0	0	0	0		
20						0	0	0	0	0		
21						0	0	0	0	0		
22						0	0	0	0	0		
23						0	0	0	0	0		
24						0	0	0	0	0		
25						0	0	0	0	0		
26						0	0	0	0	0		
27						0	0	0	0	0		
28						0	0	0	0	0		
29						0	0	0	0	0		
30						0	0	0	0	0		
31						---	0	0	---	0		
TOTAL						---	0	0	0	0		
AC-FT						---	0	0	0	0		

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.03	0.50	0.56	0.03	0.55		

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0	0	
2					---	0	0	0	0	0	0	
3					---	0	0	0	0	0	0	
4					---	0	0	0	0	0	0	
5					---	0	0	0	0	0	0	
6					---	0	0	0	.90(*)	0	0	
7					0	0	0	0	0	0	0	
8					0	0	0	0	.46(*)	0	0	
9					0	0	0	0	0	0	0	
10					0	0	0	0	0	0	0	
11					0	0	0	0	0	0	0	
12					0	0	0	0	0	0	0	
13					0	0	0	0	0	0	0	
14					0	0	0	.85(*)	0	0	0	
15					0	0	0	.02(*)	0	0	0	
16					0	0	0	0	0	0	0	
17					0	0	0	0	0	0	0	
18					0	0	0	0	0	0	0	
19					0	0	0	0	0	0	0	
20					0	0	0	0	0	0	0	
21					0	0	0	0	0	0	0	
22					0	0	0	0	0	0	0	
23					0	0	0	0	0	0	0	
24					0	0	0	0	0	0	0	
25					0	0	0	0	0	0	0	
26					0	0	0	0	0	0	0	
27					0	0	0	0	0	0	0	
28					0	0	0	0	0	0	0	
29					0	0	0	0	0	0	---	
30					0	0	0	0	0	0	---	
31					0	---	0	0	---	0	---	
TOTAL					---	0	0	.87	1.36	0	---	
AC-FT					---	0	0	1.7	2.7	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.39	0.76	0.08	0.54	6.41	7.26	0.09	0.50	

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10			Gage 10	
0145	0.01	0	0600	0.02	0
50	.06	0	05	.04	0
55	.09	0	10	.02	0
0200	.13	0	15	.04	0
05	.10	0	20	.03	0
10	.11	0	25	.03	0
15	.12	0	0630	.02	0
20	.05	0	35	.03	0
25	.11	0	40	.03	0
0230	.15	0	45	.03	0
35	.12	0	50	.03	0
40	.15	0	55	.03	0
45	.12	0	0700	.03	0
50	.07	2.5	05	.02	0
55	.20	31	10	.03	0
0300	.20	56	15	.02	0
05	.22	25	20	.03	0
10	.22	35	25	.01	0
15	.09	24	0730	.02	0
20	.03	15	35	.02	0
25	.05	10	40	.01	0
0330	.10	7.3	45	.03	0
35	.10	5.5	50	.02	0
40	.11	2.8	55	.01	0
45	.07	2.1	0800		0
50	.08	1.7	05	.01	0
55	.08	1.5	10	.01	0
0400	.08	.92	15	.01	0
05	.06	.92	20	.01	0
10	.05	1.3	25	.01	0
15	.11	1.3	0830	.01	0
20	.12	2.1	35	.01	0
25	.09	1.5	40	.01	0
0430	.07	1.8	45	.01	0
35	.05	1.7	50	.01	0
40	.05	1.1	55	.01	0
45	.04	.92	0900	.01	0
50	.07	.18	05	.01	0
55	.05	.56	10	.01	0
0500	.06	0	15	.01	0
05	.06	0	20	.01	0
10	.05	0	25	.01	0
15	.04	0	0930	.01	0
20	.03	0	35	.01	0
25	.04	0	40	.01	0
0530	.03	0	45	.01	0
35	.03	0	50	.01	0
40	.03	0	55	.01	0
45	.03	0	1000	.01	0
50	.02	0			
55	.02	0			
			TOTAL:	5.06	-

NOTE.--Rainfall unit values estimated after 0800 hours (total rainfall is correct)

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
2105		0
10		0
15	0.01	0
20		0
25		0
2130		0
35		0
40		0
45	.01	0
50		0
55		0
2200		0
05		0
10		0
15		0
20		0
25		0
2230		0
35		0
40		0
45		0
50		0
55		0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
2300		0
05		0
10		0
15		0
20		0
25		0
2330		0
35		0
40	0.01	0
45	.11	0
50	.08	2.5
55	.02	10
2400		5.5
05		2.5
10		1.7
15		.92
20	.01	0
TOTAL:	0.25	-

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
1935	0.04	0
40	.05	0
45	.24	0
50	.27	30
55	.13	80
2000	.08	57
05	.04	47
10	.03	30
15	.03	16
20	.03	2.8
25	.03	2.1

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
2030	0.02	1.1
35	.01	0
TOTAL:	1.04	-

SEPTEMBER 8, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
2005	0.02	0
10	.11	0
15	.06	0
20	.07	8.2
25	.16	20
2030	.06	14
35	.01	8.2
40	.02	8.2
45	.10	11
50	.15	31
55	.08	21

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
2100	0.05	9.8
05	.05	3.5
10	.03	2.5
15	.08	1.3
20	.06	.55
25	.04	0
TOTAL:	1.18	-

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	.22(*)	0	0	0	0	
2				---	0	0	0	0	0	.16(*)	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	.56(*)	.40(*)	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	.03	0	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.03(*)	0	0	0	0	0	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	.03	.78	.43	0	.16	---	
AC-FT				---	0	.06	1.5	.9	0	.3	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.67	1.05	1.83	2.70	1.63	1.22	1.45	0.02	

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1981

Rainfall, in inches			Discharge, in cubic feet per second		
-----			-----		
Time	Gage 10		Time	Gage 10	
1520	0.03	0	1600	0.01	3.1
25	.14	0	05	.01	1.5
1530	.18	0	10	.02	.92
35	.07	0	15		.55
40	.06	0	20	.02	0
45	.09	1.9	-----		
50	.10	1.3	TOTAL:	0.83	-
55	.03	1.5			

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

JULY 1, 1981

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	10	second	Time	10	second
-----			-----		
0635		0	1030		0
40	0.01	0	35		0
45		0	40		0
50	.01	0	45		0
55	.01	0	50		0
0700		0	55		0
05	.06	0	1100		0
10	.10	0	05		0
15	.08	0	10		0
20	.06	0	15		0
25	.03	0	20		0
0730	.02	0	25		0
35	.01	0	1130		0
40		0	35		0
45	.01	0	40		0
50	.01	0	45		0
55		0	50		0
0800		0	55		0
05		0	1200		0
10	.02	0	05		0
15	.08	0	10		0
20	.07	0	15		0
25	.02	0	20		0
0830	.03	0	25	0.01	0
35	.02	0	1230		0
40	.01	0	35		0
45	.02	0	40		0
50	.02	0	45		0
55		0	50		0
0900	.01	0	55		0
05	.01	0	1300		0
10		0	05		0
15	.01	0	10		0
20		0	15		0
25		0	20		0
0930		0	25	.02	0
35		0	1330	.19	0
40	.01	0	35	.21	0
45		0	40	.03	0
50		0	45		7.7
55		0	50	.01	23
1000		0	55		16
05		0	1400	.01	9.8
10		0	05		5.5
15		0	10		3.5
20		0	15	.01	1.7
25		0	20		0

			TOTAL:	1.23	-

JULY 7, 1981

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	10	second	Time	10	second
-----			-----		
1720	0.15	0	1800	0.01	8.7
25	.27	0	05		7.7
1730	.25	5.5	10	.01	5.9
35	.15	24	15	.01	4.2
40	.09	49	20		1.1
45	.02	32	25		0
50		29	1830		0
55	.02	10	-----		
			TOTAL:	0.98	-

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Continued

AUGUST 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
1730	0.02	0
35	.08	0
40	.09	8.7
45	.03	27
50	.01	32
55		24

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
1800		11
05		7.7
10		4.2
15		0
TOTAL:	0.23	-

OCTOBER 2, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
1650	0.01	0
55	.08	0
1700	.10	7.3
05	.02	5.9
10	.01	10
15	.01	7.3
20	.01	5.9
25	.04	4.2

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 10	
1730	0.04	3.9
35	.02	2.5
40	.01	.55
45	.01	0
TOTAL:	0.36	-

Table 9.--CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329910) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	.04(*)	0	---	0	---	
TOTAL				---	0	0	.04	0	0	0	0	
AC-FT				---	0	0	.08	0	0	0	0	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.16	0.66	0.11	1.94	1.87	2.62	0.32	1.64	

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JULY 31, 1982

Rainfall, in inches			Discharge, in cubic feet per second		
Time	Gage 10		Time	Gage 10	
1910	0.02	0			
15	.17	1.1			
20	.27	.74	TOTAL:	0.68	-
25	.11	1.8			
1930	.02	5.5			
35	.03	1.7			
40	.03	.56			
45	.02	0			
50	.01	0			
55		0			

NOTE.--Times of the unit values for discharge estimated

A drainage basin map of
North Camino Arroyo Tributary (08329914)
is shown in figure 6 (page 205).

Table 10.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914), 1979-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 11 min 47 sec, long 106 deg 33 min 57 sec, Bernalillo County, Hydrologic Unit 13020203, in Elena Gallegos Grant, on left bank in right-of-way for extension of Wyoming Blvd, 150 ft (46 m) south of Venice Ave, 350 ft (107 m) north of Beverly Hills Ave, and 1.5 mi (2.4 km) north of intersection of Los Angeles and Wyoming Blvds.

DRAINAGE AREA.--0.21 sq mi (0.544 sq km).

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

GAGE.--Water-stage recorder. Altitude of gage is 5,364 ft (1,634.95 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Drainage basin is undeveloped semi-desert terrain.

STAGE-DISCHARGE RELATION.--Rating developed on basis of step-backwater analysis of natural stream channel and slope-area measurements at discharges of 119 cu ft per sec (3.37 cu m per sec) and 133 cu ft per sec (3.77 cu m per sec).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 134 cu ft per sec (3.79 cu m per sec) July 7, 1981, gage height, 2.10 ft (0.640 m), from slope-area measurement of peak flow; no flow most of the time.

EXTREMES.--Maximum discharge during period June to December 1979, 22 cu ft per sec (0.62 cu m per sec) Aug. 15, gage height, 1.18 ft (0.360 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 131 cu ft per sec (3.71 cu m per sec) Aug. 14, gage height, 2.08 ft (0.634 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 134 cu ft per sec (3.79 cu m per sec) July 7, gage height, 2.10 ft (0.640 m); no flow most of the time.

Calendar year 1982: No flow recorded.

Calendar year 1983: No flow recorded.



Photograph 12.--North Camino Arroyo Tributary (08329914). Direction of view is upstream.

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0		
2						---	0	0	0	0		
3						---	0	0	0	0		
4						---	0	0	0	0		
5						---	0	0	0	0		
6						---	0	0	0	0		
7						---	0	0	0	0		
8						---	0	0	0	0		
9						---	0	0	0	0		
10						---	0	0	0	0		
11						---	0	0	0	0		
12						---	0	0	0	0		
13						---	0	0	0	0		
14						0	0	0	0	0		
15						0	0	.12(*)	0	0		
16						0	0	0	0	0		
17						0	0	0	0	0		
18						0	0	0	0	0		
19						0	0	0	0	0		
20						0	0	0	0	0		
21						0	0	0	0	0		
22						0	0	0	0	0		
23						0	0	0	0	0		
24						0	0	0	0	0		
25						0	0	0	0	0		
26						0	0	0	0	0		
27						0	0	0	0	0		
28						0	0	0	0	0		
29						0	0	0	0	0		
30						0	0	0	0	0		
31						---	0	0	---	0		
TOTAL						---	0	.12	0	0		
AC-FT						---	0	.2	0	0		

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.02	0.65	1.45	0.60	0.46		

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 15, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 11		Time	Gage 11	

1535		0	1630		0
40		0	35	0.76	0
45		0	-----		
50		1.2	TOTAL:	0.76	-
55		0	-----		
1600		0			
05		22			
10		8.4			
15		1.2			
20		0			
25		0			

NOTE.--Unit value record lost at raingage 11

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	3.4(*)	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	1.8(*)	0	0	
9				---	0	0	0	0	0	0	0	
10				0	0	0	0	0	.00(*)	0	0	
11				0	0	0	0	0	.04(*)	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	3.9(*)	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	3.90	5.24	0	---	
AC-FT				---	0	0	0	7.7	10	0	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.33	0.81	0.08	0.52	5.10	3.54	0	0.29	

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 14, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 11		Time	Gage 11	
-----			-----		
0150	0.03	0	0530	0.03	0
55	.08	0	35		0
0200	.12	0	40	.01	0
05	.07	0	45		0
10	.09	0	50	.01	0
15	.13	0	55		0
20	.13	0	0600		0
25	.04	0	05	.01	0
0230	.14	0	10	.01	0
35	.18	0	15	.01	0
40	.10	0	20	.01	0
45	.15	0	25	.02	0
50	.10	0	0630	.01	0
55	.12	0	35	.02	0
0300	.30	0	40	.01	0
05	.23	30	45	.01	0
10	.27	80	50	.02	0
15	.22	92	55	.01	0
20	.03	131	0700	.01	0
25	.01	90	05	.01	0
0330	.06	70	10	.01	0
35	.10	58	15		0
40	.09	48	20	.01	0
45	.08	41	25		0
50	.05	31	0730		0
55	.06	23	35	.01	0
0400	.07	0	40	.01	0
05	.04	0	45	.01	0
10	.04	0	50		0
15	.03	0	55		0
20	.09	0	0800		0
25	.09	0	05		0
0430	.06	0	10		0
35	.05	0	15		0
40	.03	0	20	.01	0
45	.03	0	25		0
50	.03	0	0830	.01	0
55	.04	0	35		0
0500	.06	0	40		0
05	.03	0	45		0
10	.03	0	50	.01	0
15	.01	0	-----		
20	.02	0	TOTAL:	4.04	-
25	.02	0	-----		

NOTE.--Gage silted in below 22 cu ft per sec

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

SEPTEMBER 6, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1940		0
45	0.04	1.0
50	.35	48
55	.22	89
2000	.11	94
05	.07	92
10	.02	122
15	.02	95
20	.01	100
25	.03	85
2030	.02	70
35	.01	55
40	.01	47
45	.01	0
50		0
55		0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
2100		0
05	0.01	0
10		0
15		0
20		0
25		0
2130		0
35		0
40	.01	0
TOTAL:		
	0.94	-

NOTE.--Gage silted in below 47 cu ft per sec

SEPTEMBER 8, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
2010	0.06	0
15	.07	0
20	.05	0
25	.03	0
2030	.09	0
35	.01	37
40	.01	53
45	.09	52
50	.11	56
55	.07	40

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
2100	0.06	72
05	.04	81
10		64
15	.05	48
20	.03	33
25	.02	19
2130	.01	17
35		0
TOTAL:		
	0.80	-

SEPTEMBER 10, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
2250	0.01	0
55	.02	0
2300	.03	0
05	.05	0
10	.01	0
15		0
20		0
25		0
2330		0
35		0
40		0
45		0
50		0
55		0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
2400	0.01	0
05	.11	0
10	.05	0
15	.01	0
20		0
25	.01	0
0030		0
35		1.0
40		8.4
45		1.2
50		1.2
55		0
TOTAL:		
	0.31	-

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (03329914) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	1.3(*)	0	0	0	0	
2				---	0	0	0	0	0	1.3	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	7.7(*)	.79(*)	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	0	0	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	.05(*)	0	0	0	0	0	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	.05	9.00	.79	0	1.30	---	
AC-FT				---	0	.10	18	1.6	0	2.6	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.39	0.99	1.49	2.10	2.01	0.59	1.29	0.02	

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

JUNE 25, 1981

Rainfall, in inches			Discharge, in cubic feet per second		Rainfall, in inches			Discharge, in cubic feet per second	
Time	Gage 11				Time	Gage 11			
1520	0.06		0		1630	0.01		0	
25	.14		0		35			0	
1530	.19		1.0		40	.01		0	
35	.13		14		45	.02		0	
40	.12		2.4		50	.01		0	
45	.08		3.6						
50	.11		2.4		TOTAL:	1.07		-	
55	.06		2.4						
1600	.01		2.4						
05	.02		2.4						
10	.02		2.4						
15	.02		1.2						
20			0						
25	.01		0						

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

JULY 1, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1340	0.02	0
45	.31	17
50	.23	39
55	.01	27

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1400		16
05		6.0
10		2.4
15		0
TOTAL:	0.57	-

JULY 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1720	0.02	0
25	.27	18
1730	.27	39
35	.17	80
40	.14	134
45	.05	109
50	.01	92
55	.01	76

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1800		56
05	0.01	37
10	.01	31
15	.01	28
20		25
25		24
1830	.01	23
35		0
TOTAL:	0.98	-

AUGUST 7, 1981

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1735		0
40	0.18	37
45	.28	62
50	.30	51
55	.13	37

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 11	
1800	0.03	22
05	.01	11
10		2.4
15		0
TOTAL:	0.93	-

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (08329914) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	0	0	0	0	
AC-FT				---	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.10	0.72	0.06	0.59	0.55	1.16	0.06	0.97	

Table 10.--NORTH CAMINO ARROYO TRIBUTARY NEAR ALBUQUERQUE (03329914) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	0
2			---	0	0	0	0	0	0	0	0	---
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	0	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	0	0	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	0	0	0	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			0	0	0	0	0	0	0	0	0	---
14			0	0	0	0	0	0	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	0	0	0	0	0	---
19			0	0	0	0	0	0	0	0	0	---
20			0	0	0	0	0	0	0	0	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	0	0	0	0	0	---
23			0	0	0	0	0	0	0	0	0	---
24			0	0	0	0	0	0	0	0	0	---
25			0	0	0	0	0	0	0	0	0	---
26			0	0	0	0	0	0	0	0	0	---
27			0	0	0	0	0	0	0	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	0	0	0	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	0	0	---	0	---	---
TOTAL			---	0	0	0	0	0	0	0	0	---
AC-FT			---	0	0	0	0	0	0	0	0	---

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.41	0.13	0.29	0.11	1.56	1.13				

Table 11.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for ARROYO 19A AT ALBUQUERQUE (08329935), 1977-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 09 min 24 sec, long 106 deg 43 min 37 sec, in NE1/4 NE1/4 sec.28, T.11 N., R.3 E., Bernalillo County, Hydrologic Unit 13020203, on left bank 10 ft (3 m) upstream from culvert under 81st St, 1,200 ft (366 m) south of city water tank, and 0.6 mi (1.0 km) south of intersection of 81st St and Atrisco Dr, near Albuquerque.

DRAINAGE AREA.--1.42 sq mi (3.68 sq km).

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

GAGE.--Water-stage recorder. Altitude of gage is 5,328 ft (1,623.97 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Additional recording rain gage near center of basin since May 1981. Basin drains undeveloped semi-desert terrain above the escarpment west of the city.

STAGE-DISCHARGE RELATION.--Rating not developed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 100 cu ft per sec (2.83 cu m per sec) Oct. 2, 1981, gage height, 4.03 ft (1.228 m), from slope-area measurement of peak flow; no flow most of the time.

EXTREMES.--No flow recorded during period June to December 1977.

Calendar year 1978: No flow recorded.

Calendar year 1979: No flow recorded.

Calendar year 1980: No flow recorded.

Calendar year 1981: Maximum discharge, 100 cu ft per sec (2.83 cu m per sec) Aug. 27, gage height, 4.03 ft (1.228 m), from slope-area measurement of peak discharge; no flow most of the time.

Calendar year 1982: No flow recorded.

Calendar year 1983: Maximum discharge, not determined, July 11, gage height, 2.06 ft (0.628 m); no flow most of the time.



Photograph 13.--Arroyo 19A (08329935).

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1						---	0	0	0	0	0	0
2						---	0	0	0	0	0	0
3						---	0	0	0	0	0	0
4						---	0	0	0	0	0	0
5						---	0	0	0	0	0	0
6						---	0	0	0	0	0	0
7						---	0	0	0	0	0	0
8						---	0	0	0	0	0	0
9						---	0	0	0	0	0	0
10						---	0	0	0	0	0	0
11						---	0	0	0	0	0	0
12						---	0	0	0	0	0	0
13						---	0	0	0	0	0	0
14						---	0	0	0	0	0	0
15						---	0	0	0	0	0	0
16						---	0	0	0	0	0	0
17						0	0	0	0	0	0	0
18						0	0	0	0	0	0	0
19						0	0	0	0	0	0	0
20						0	0	0	0	0	0	0
21						0	0	0	0	0	0	0
22						0	0	0	0	0	0	0
23						0	0	0	0	0	0	0
24						0	0	0	0	0	0	0
25						0	0	0	0	0	0	0
26						0	0	0	0	0	0	0
27						0	0	0	0	0	0	0
28						0	0	0	0	0	0	0
29						0	0	0	0	0	0	0
30						0	0	0	0	0	0	0
31						---	0	0	---	0	---	0
TOTAL						---	0	0	0	0	0	0
AC-FT						---	0	0	0	0	0	0

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1977 TO DECEMBER 1977

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
					0.05	1.72	1.27	1.25	0.03	0.43	0.13

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	---
10	0	0	0	0	0	0	0	0	0	0	0	---
11	0	0	0	0	0	0	0	0	0	0	0	---
12	0	0	0	0	0	0	0	0	0	0	0	---
13	0	0	0	0	0	0	0	0	0	0	0	---
14	0	0	0	0	0	0	0	0	0	0	0	---
15	0	0	0	0	0	0	0	0	0	0	0	---
16	0	0	0	0	0	0	0	0	0	0	0	---
17	0	0	0	0	0	0	0	0	0	0	0	---
18	0	0	0	0	0	0	0	0	0	0	0	---
19	0	0	0	0	0	0	0	0	0	0	0	---
20	0	0	0	0	0	0	0	0	0	0	0	---
21	0	0	0	0	0	0	0	0	0	0	0	---
22	0	0	0	0	0	0	0	0	0	0	0	---
23	0	0	0	0	0	0	0	0	0	0	0	---
24	0	0	0	0	0	0	0	0	0	0	0	---
25	0	0	0	0	0	0	0	0	0	0	0	---
26	0	0	0	0	0	0	0	0	0	0	0	---
27	0	0	0	0	0	0	0	0	0	0	0	---
28	0	0	0	0	0	0	0	0	0	0	0	---
29	0	---	0	0	0	0	0	0	0	0	0	---
30	0	---	0	0	0	0	0	0	0	0	0	---
31	0	---	0	---	0	---	0	0	---	0	---	---
TOTAL	0	0	0	0	0	0	0	0	0	0	0	---
AC-FT	0	0	0	0	0	0	0	0	0	0	0	---

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
0.72	0.51	0.57	0.06	1.23	0.81	0.15	0.63	0.21	1.12	0.98	0.00

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0		
2				---	0	0	0	0	0	0		
3				---	0	0	0	0	0	0		
4				---	0	0	0	0	0	0		
5				---	0	0	0	0	0	0		
6				---	0	0	0	0	0	0		
7				---	0	0	0	0	0	0		
8				---	0	0	0	0	0	0		
9				---	0	0	0	0	0	0		
10				---	0	0	0	0	0	0		
11				---	0	0	0	0	0	0		
12				---	0	0	0	0	0	0		
13				---	0	0	0	0	0	0		
14				---	0	0	0	0	0	0		
15				---	0	0	0	0	0	0		
16				---	0	0	0	0	0	0		
17				---	0	0	0	0	0	0		
18				---	0	0	0	0	0	0		
19				---	0	0	0	0	0	0		
20				---	0	0	0	0	0	0		
21				---	0	0	0	0	0	0		
22				---	0	0	0	0	0	0		
23				---	0	0	0	0	0	0		
24				---	0	0	0	0	0	0		
25				---	0	0	0	0	0	0		
26				---	0	0	0	0	0	0		
27				---	0	0	0	0	0	0		
28				0	0	0	0	0	0	0		
29				0	0	0	0	0	0	0		
30				0	0	0	0	0	0	0		
31				---	0	---	0	0	---	---		
TOTAL				---	0	0	0	0	0	---		
AC-FT				---	0	0	0	0	0	---		

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.04	1.78	0.84	0.72	0.86	0.63	0.42		

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980												
MEAN VALUES												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NDV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				0	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	0	0	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	0	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	0	0	0	0	
AC-FT				---	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980											
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.36	0.54	0.18	0.33	0.84	2.11	0.12	0.14	

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	(*)	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				---	0	0	0	0	0	0	0	
14				---	0	0	0	0	0	0	0	
15				---	0	0	0	0	0	0	0	
16				---	0	0	0	0	0	0	0	
17				---	0	0	0	0	0	0	0	
18				---	0	0	0	0	0	0	0	
19				---	0	0	0	0	0	0	0	
20				---	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	(*)	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	---	---	
TOTAL				---	0	0	0	---	0	---	---	
AC-FT				---	0	0	0	---	0	---	---	

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.00	0.48	0.46	0.86	1.18	1.08	1.04	0.00	

Table 11.--ARROYO 19A AT ALBUQUERQUE (08329935) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	0	0	0	
12			---	0	0	0	0	0	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	0	
18			---	0	0	0	0	0	0	0	0	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	0	0	0	0	0	0	
21			---	0	0	0	0	0	0	0	0	
22			---	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	0	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	0	0	0	0	0	0	0	0	
AC-FT			---	0	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.11	0.07	0.75	0.11	1.07	0.99	1.05	0.16	0.56	

Table 11.--ARROYO 19A AT ALBUQUERQUE (03329935) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	0
2			---	0	0	0	0	0	0	0	0	0
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	0	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	0	0	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	(*)	0	0	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	0	0	0	0	---
14			---	0	0	0	0	0	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			0	0	0	0	0	0	0	0	0	---
19			0	0	0	0	0	0	0	0	0	---
20			0	0	0	0	(*)	0	0	0	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	0	0	0	0	0	---
23			0	0	0	0	0	0	0	0	0	---
24			0	0	0	0	0	0	0	0	0	---
25			0	0	0	0	0	0	0	0	0	---
26			0	0	0	0	0	0	0	0	0	---
27			0	0	0	0	0	0	0	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	0	0	0	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	0	0	---	0	---	---
TOTAL			---	0	0	0	---	0	0	0	0	---
AC-FT			---	0	0	0	---	0	0	0	0	---

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.00	0.27	0.54	1.41	0.56	0.48	0.95	0.14	0.00

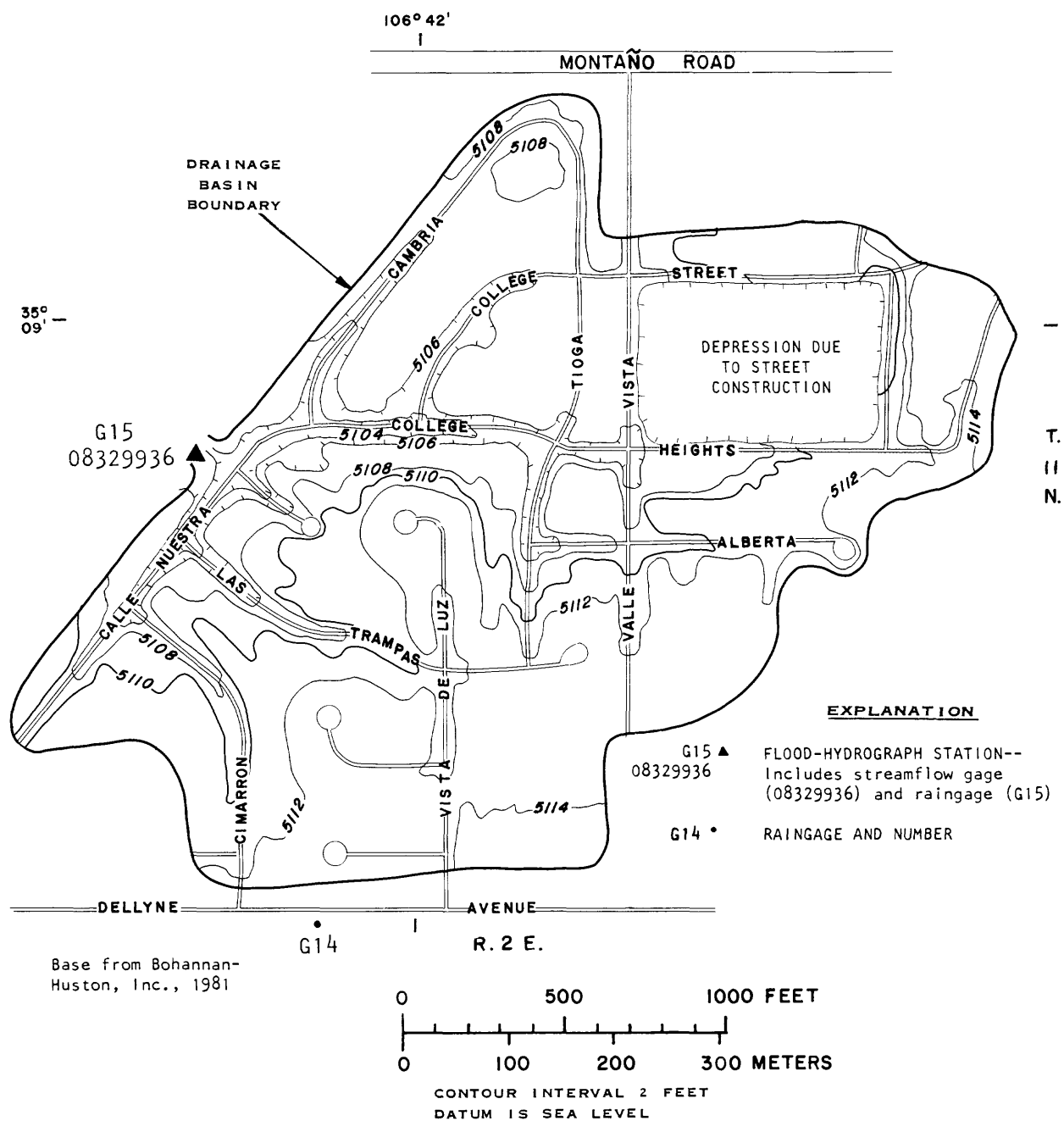


Figure 8.--Drainage basin for Taylor Ranch Drain (08329936).

Table 12.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936), 1978-83.

STATION DESCRIPTION

LOCATIONID.--Lat 35 deg 08 min 56 sec, long 106 deg 42 min 03 sec, in SE1/4 SW1/4 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 (37 m) west of intersection of Calle Nuestra and Cabrillo St and 1,850 ft (564 m) southwest of intersection of Montano Rd and Valle Vista, in Albuquerque.

DRAINAGE AREA.--0.136 sq mi (0.352 sq km).

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

GAGE.--Water-stage recorder and 3-ft (0.9 m) Parshall Flume. Altitude 5,102 ft (1,555.09 m), from topographic orthophoto map.

REMARKS.--Records good except those for 1981 calendar year, which are poor. Recording rain gage at station. Basin drains residential area.

STAGE-DISCHARGE RELATION.--Rating developed on basis of theoretical rating for 3-ft (0.9 m) standard Parshall flume and discharge measurements at discharges of 0.10 cu ft per sec (0.003 cu m per sec), 0.40 cu ft per sec (0.01 cu m per sec), 0.90 cu ft per sec (0.025 cu m per sec), 1.2 cu ft per sec (0.03 cu m per sec), 1.6 cu ft per sec (0.05 cu m per sec) and 2.0 cu ft per sec (0.06 cu m per sec).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 43 cu ft per sec (1.22 cu m per sec) Sept. 8, 1980, gage height, 3.26 ft (0.994 m); no flow most of the time.

EXTREMES.--Maximum discharge during period August to December 1978, 7.3 cu ft per sec (0.21 cu m per sec) Oct. 25, gage height, 1.73 ft (0.527 m); no flow most of the time.

Calendar year 1979: Maximum discharge, 32 cu ft per sec (0.91 cu m per sec) July 17, gage height, 2.89 ft (0.881 m); no flow most of the time.

Calendar year 1980: Maximum discharge, 43 cu ft per sec (1.22 cu m per sec) Sept. 8, gage height, 3.26 ft (0.994 m); no flow most of the time.

Calendar year 1981: Maximum discharge, not determined, Oct. 2, gage height, 4.16 ft (1.268 m) (backwater from temporary culvert); no flow most of the time.

Calendar year 1982: Maximum discharge, 15 cu ft per sec (0.425 cu m per sec) Aug. 12, gage height, 2.15 ft (0.655 m); no flow most of the time.

Calendar year 1983: Maximum discharge, 26 cu ft per sec (0.736 cu m per sec) July 29, gage height, 2.65 ft (0.808 m); no flow most of the time.



Photograph 14.--Taylor Ranch Drain (08329936). Direction of view is upstream.

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1								---	0	0	0	
2								---	0	0	0	
3								---	0	0	.13	
4								---	0	0	0	
5								---	0	0	0	
6								---	.02	0	0	
7								---	0	0	0	
8								---	0	0	0	
9								---	0	0	---	
10								---	0	0	---	
11								---	0	0	---	
12								---	0	0	---	
13								---	0	0	---	
14								---	0	0	---	
15								---	0	0	---	
16								---	0	0	---	
17								---	.06(*)	0	---	
18								.06	0	0	---	
19								.34(*)	0	0	---	
20								.02	0	0	---	
21								0	0	.28(*)	---	
22								.12	0	0	---	
23								.02	0	.14	---	
24								0	.02	0	---	
25								.02	.02	.22(*)	---	
26								0	0	.01	---	
27								0	0	0	---	
28								0	0	0	---	
29								0	0	0	---	
30								0	0	0	---	
31								0	---	0	---	
TOTAL								---	.12	.65	---	
AC-FT								---	.2	1.3	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1978 TO DECEMBER 1978

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
							0.21	0.15	0.39	0.33	

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

AUGUST 19, 1978

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
1825	0.01	0	2230		1.9
1830		0	35		1.8
35		0	40		1.7
40		.97	45		1.7
45		.97	50		1.6
50		.89	55		1.5
55		.89	2300		1.4
1900		.89	05		1.3
05		.89	10		1.2
10		.89	15		1.1
15		.89	20		1.1
20		.89	25		1.1
25		.97	2330		.97
1930		.97	35		.89
35		.97	40		.89
40	.01	.97	45		.82
45		.89	50		.82
50	.01	.89	55		.75
55		.89	2400		.75
2000	.01	.97	05		.75
05	.01	1.1	10		.68
10	.01	1.2	15		.68
15	.02	1.3	20		.68
20	.01	1.5	25		.61
25	.02	1.7	0030		.49
2030	.02	1.9	35		.43
35	.01	2.7	40		.38
40	.01	2.5	45		.28
45	.01	2.6	50		.23
50	.01	2.7	55		.19
55	.01	2.4	0100		.11
2100	.01	2.3	05		.08
05		2.3	10		.05
10	.01	2.2	15		.01
15	.01	2.2	20		.01
20	.01	2.2	25		.01
25		2.1	0130		.01
2130	.01	2.0	35		.01
35	.01	2.0	40		.01
40		1.9	45		0
45		1.9			
50		1.9			
55		1.8			
2200		1.8			
05		1.8			
10		1.8			
15		1.9			
20		1.9			
25		1.9			
			TOTAL:	0.24	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 17, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 15	feet per second	Time	Gage 15	feet per second

0240		0	0600		0.23
45	0.02	0	05		.23
50		.43	10		.23
55		.43	15		.23
0300		.38	20		.23
05		.68	25		.23
10		.61	0630		.23
15		.49	35		.19
20		.38	40	0.01	.23
25		.33	45		.23
0330		.28	50	.01	.23
35		.23	55		.23
40		.19	0700		.19
45		.15	05		.19
50		.15	10		.19
55		.11	15		.19
0400		.11	20		.19
05	.01	.19	25		.19
10	.02	.28	0730		.19
15	.01	.33	35		.15
20		.38	40		.15
25	.01	.49	45		.15
0430		.68	50		.11
35		.75	55		.11
40	.01	.75	0800		.11
45		.61	05		.11
50		.55	10		.08
55		.43	15		.08
0500		.38	20		.08
05		.33	25		.08
10		.28	0830		.05
15		.23	35		.05
20		.19	40		.05
25		.19	45		.03
0530		.15	50		0
35	.01	.15	-----		
40		.19	TOTAL:	0.13	-
45	.01	.19			
50	.01	.23			
55		.23			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

OCTOBER 21, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 15		Time	Gage 15	

0850	0.01	0	1330		0.28
55	.02	0	35		.23
0900	.01	0	40		.23
05	.01	0	45	0.01	.19
10	.02	0	50		.19
15	.01	0	55		.15
20	.01	0	1400		.11
25	.02	0	05		.11
0930	.02	0	10		.08
35		.82	15		.03
40	.01	.97	20		0
45		1.1	25		0
50	.01	1.1	1430		0
55		.89	35		0
1000		.82	40		0
05		.75	45		0
10	.01	.61	50		0
15		.61	55		0
20	.01	.55	1500		0
25		.55	05		0
1030	.01	.49	10		0
35	.01	.55	15		0
40	.01	.61	20		0
45	.03	.82	25	.01	.28
50	.01	.89	1530		.68
55		.89	35		1.4
1100		.97	40		3.1
05	.01	.89	45		3.6
10	.01	.82	50		3.5
15	.03	.82	55		3.6
20	.01	.97	1600		3.5
25	.01	.97	05		3.6
1130		1.1	10		3.6
35	.01	1.2	15		3.3
40	.01	1.2	20		3.3
45		1.2	25		2.8
50		1.1	1630		2.0
55	.01	.97	35		1.5
1200		.89	40		1.1
05		.75	45		.89
10		.68	50		.68
15		.55	55		.49
20		.43	1700		.38
25	.01	.43	05		.33
1230		.38	10		.28
35	.01	.38	15		.23
40		.38	20		.23
45	.01	.38	25		.19
50		.38	1730		.15
55		.38	35		.15
1300		.38	40		.15
05		.38	45		.11
10		.33	50		.08
15		.33	55		.03
20		.28	1800		0
25		.28	-----		
			TOTAL:	0.39	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

OCTOBER 25, 1978

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 15	feet per second	Time	Gage 15	feet per second
-----			-----		
1450		0.97	1600		0.33
55		2.3	05		.28
1500		4.6	10		.23
05	0.02	7.2	15		.19
10		7.3	20		.19
15		6.0	25		.19
20	.02	4.8	1630		.15
25		3.3	35		.15
1530		2.0	40		.11
35	.01	1.3	45		.11
40		.97	50		.05
45		.75	55		.03
50		.56	1700		.01
55		.38	05		0

			TOTAL:	0.05	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	.01	.03	0	0	0		
2				---	0	0	0	0	0	0		
3				---	0	0	0	0	0	0		
4				---	0	0	0	0	0	0		
5				---	0	0	0	0	0	0		
6				---	0	0	0	0	0	0		
7				---	0	0	.02	0	0	0		
8				---	.09(*)	.20(*)	0	0	0	0		
9				---	.06(*)	0	0	.33(*)	0	0		
10				---	0	0	0	0	0	0		
11				---	0	0	0	.01	0	0		
12				---	0	0	0	0	0	0		
13				---	0	0	0	.07	0	0		
14				---	0	0	0	0(*)	0	0		
15				---	0	0	0	.13	.07(*)	0		
16				---	.01	0	.13(*)	0	0	0		
17				---	0	0	.48(*)	0	0	0		
18				---	0	0	0	0	0	0		
19				---	0	0	0	0	0	0		
20				---	.63(*)	0	0	0	0	0		
21				---	0	0	0	0	.09(*)	.04(*)		
22				---	0	0	0	0	0	0		
23				---	0	0	0	0	0	0		
24				---	0	0	0	0	0	0		
25				---	0	0	0	0	0	0		
26				---	0	0	0	0	0	0		
27				---	0	0	0	0	0	0		
28				0	0	0	0	0	0	0		
29				.01	0	0	0	0	0	0		
30				0	0	0	0	0	0	.06(*)		
31				---	0	---	0	0	---	---		
TOTAL				---	.99	.21	.66	.54	.16	---		
AC-FT				---	2.0	.4	1.3	1.1	.3	---		

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.04	1.52	0.80	1.18	1.25	0.67	0.46		

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 8, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	15	second		15	second
-----			-----		
2020	0.01	0	2230	0.02	0.38
25		0	35	.03	.49
2030		0	40		.97
35	.01	0	45	.01	2.1
40		0	50	.01	1.5
45	.01	0	55		1.7
50		0	2300	.01	1.6
55		0	05		1.4
2100	.01	.05	10		1.1
05		.08	15		.97
10	.01	.11	20	.01	.75
15	.01	.23	25		.61
20	.01	.43	2330		.49
25		.61	35		.38
2130	.01	.75	40		.28
35	.01	.82	45		.23
40		.82	50		.19
45	.01	.97	55		.11
50		.97	2400		.08
55		.97	05		.05
2200		.89	10		.03
05		.75	15		.01
10		.61	20		.03
15		.49	25		0
20	.01	.43	0030		.01
25	.01	.38	35		0

			TOTAL:	0.21	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

MAY 9, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
0810	0.01	0
15		0
20		0
25	.01	0
0830		.01
35		.01
40	.01	.05
45		.05
50	.01	.08
55		.11
0900		.19
05	.01	.23
10		.23
15		.28
20		.28
25	.01	.28
0930	.01	.33
35	.01	.33
40		.38
45		.38
50		.38
55	.01	.43
1000		.43
05		.38
10		.33
15		.28
20		.23
25		.19
1030		.15
35		.15
40		.11
45		.08
50		.08
55		.05
1100		.05
05		.05
10		.03
15		.03
20		.01
25		.01

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
1130		0.01
35	0.01	.01
40		0
45		0
50		0
55		0
1200		0
05		0
10		0
15		0
20		0
25		0
1230	.06	0
35	.01	.38
40		1.1
45	.01	1.7
50		2.2
55		2.0
1300		1.4
05		.97
10		.61
15		.38
20		.28
25		.19
1330		.15
35		.11
40		.08
45		.05
50		.03
55		0
TOTAL:		0.18

MAY 20, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
0905	0.02	0
10	.01	0
15	.01	0
20	.02	.23
25	.01	.49
0930	.01	.75
35	.02	1.3
40	.01	1.7
45	.01	1.8
50	.01	1.8
55	.01	1.7
1000		1.6
05	.01	1.3
10		1.1
15	.01	.97
20		.82
25		.75
1030		.61
35		.49
40		.43
45		.33
50		.33
55	.01	.28

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
1100		0.23
05		.19
10		.15
15		.11
20		.08
25		.05
1130		.05
35		.05
40		.03
45		.01
50		.01
55		0
TOTAL:		0.17

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

MAY 20, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	15	second		15	second
-----			-----		
1325	0.02	0	1630	0.02	8.5
1330	.01	0	35	.01	7.3
35		0	40	.01	6.6
40		.19	45	.01	6.1
45	.01	.23	50		5.5
50	.03	.28	55	.01	4.9
55	.02	.61	1700		4.3
1400	.01	1.2	05		3.6
05		1.7	10		3.0
10		2.3	15		2.0
15	.02	2.2	20		1.7
20	.03	1.9	25		1.3
25	.02	2.0	1730		.97
1430	.01	2.5	35	.01	.75
35	.02	3.1	40		.68
40	.01	3.3	45		.43
45	.02	3.1	50		.33
50	.02	2.9	55		.28
55	.02	2.8	1800		.23
1500	.03	3.0	05		.19
05	.03	3.5	10		.15
10	.01	3.9	15		.11
15	.03	4.6	20		.11
20	.02	4.5	25		.08
25	.03	4.6	1830		.08
1530	.02	5.0	35		.08
35	.04	5.4	40		.05
40	.03	6.0	45		.05
45	.03	7.3	50		.05
50	.03	8.5	55		.05
55	.03	10	1900		.03
1600	.03	10	05		.03
05	.03	11	10		.01
10	.02	11	15		.01
15	.02	11	20		.01
20	.01	11	25		.01
25	.01	9.7	1930		0

			TOTAL:	0.74	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JUNE 8, 1979

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 15	feet per second		Gage 15	feet per second

0930	0.01	0	1600	0.01	0.89
35	.02	0	05	.01	1.4
40	.02	.11	10		1.6
45	.04	.43	15		1.6
50	.03	1.6	20		1.1
55	.01	3.1	25		.68
1000	.01	3.8	1630		.61
05		2.8	35		.33
10		1.8	40	.01	.28
15		1.1	45		.23
20		.68	50		.19
25		.33	55		.19
1030		.23	1700		.15
35		.19	05		.11
40		.15	10		.11
45		.11	15		.11
50		.11	20		.11
55		.08	25	.01	.11
1100		.05	1730	.01	.11
05		.05	35		.11
10		.05	40		.15
15		.03	45		.15
20		.03	50		.15
25		.01	55	.01	.19
1130		0	1800		.33
35		0	05	.01	.33
40		0	10		.33
45		0	15		.33
50		0	20		.33
55		0	25	.01	.28
1200	.03	0	1830		.28
05	.02	.11	35	.03	.38
10	.01	.23	40	.01	.55
15		.28	45	.01	1.1
20		.28	50	.01	1.5
25		.38	55		1.7
1230		.43	1900		1.6
35		.33	05		1.1
40	.02	.28	10		.75
45	.02	.33	15		.38
50		.33	20		.28
55		.33	25		.23
1300		.38	1930		.19
05		.43	35		.11
10		.33	40		.11
15		.28	45		.08
20		.23	50		.08
25	.01	.15	55		.05
1330	.02	.19	2000		.05
35	.01	.33	05		.05
40		.33	10		.03
45		.28	15		.03
50		.33	20		.01
55		.43	25	.01	.01
1400		.33	2030		.05
05		.23	35		.05
10	.01	.23	40	.01	.08
15	.02	.19	45		.08
20	.01	.23	50		.08
25		.33	55		.08
1430		.28	2100		.08
35	.01	.33	05		.11
40		.38	10		.11
45	.01	.38	15		.08
50	.01	.38	20		.08
55	.01	.38	25		.08
1500	.01	.55	2130		.08
05		.55	35		.05
10	.01	.61	40		.05
15	.01	.55	45		.05
20		.49	50		.03
25	.01	.43	55		.03
1530		.38	2200		.03
35	.01	.33	05		.01
40		.33	10		.01
45	.01	.33	15		0
50	.02	.33	-----		
55	.01	.43	TOTAL:	0.61	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JULY 16, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	15	second		15	second
-----			-----		
1930		0	2230	0.01	0.82
35		.08	35		.75
40	0.02	.28	40	.01	.68
45	.03	.55	45	.01	.61
50	.01	.89	50	.01	.55
55	.01	1.1	55	.01	.55
2000		.89	2300		.49
05		.68	05	.01	.49
10		.49	10		.49
15		.33	15		.38
20		.23	20		.38
25		.19	25		.33
2030		.15	2330		.28
35		.11	35		.23
40		.11	40		.19
45	.01	.08	45		.15
50		.08	50		.11
55		.15	55		.08
2100	.03	.43	2400		.08
05	.03	1.4	05		.05
10	.04	3.5	10		.05
15	.02	3.2	15		.05
20	.01	2.4	20		.03
25	.01	1.7	25		.03
2130	.01	1.1	0030		.03
35	.01	.89	35		.01
40	.01	.82	40		.01
45	.01	.75	45		.01
50	.02	.82	50		.01
55	.01	.69	55		.01
2200	.01	.89	0100		0
05	.01	.97			
10	.02	.97	TOTAL:	0.42	-
15	.01	1.1			
20	.01	1.1			
25	.01	.89			

JULY 17, 1979

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
Time	Gage	feet per	Time	Gage	feet per
	15	second		15	second
-----			-----		
1645	0.02	0	1900		0.11
50	.04	.55	05		.11
55	.04	1.7	10		.08
1700	.09	6.7	15		.08
05	.15	21	20		.05
10	.09	33	25		.03
15	.03	31	1930		.03
20	.01	20	35		.03
25	.01	9.0	40		.03
1730		4.2	45		.01
35	.01	2.7	50		.01
40		1.6	55		.01
45		1.1	2000		.01
50	.01	.82	05		.01
55		.61	10		.01
1800		.55	15		.01
05		.43	20		.01
10		.38	25		0
15	.01	.33			
20	.01	.33	TOTAL:	0.52	-
25		.33			
1830		.28			
35		.28			
40		.23			
45		.23			
50		.19			
55		.15			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 9, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	-----	-----		-----	-----
Time	Gage 15	feet per second	Time	Gage 15	feet per second
-----			-----		
1915	0.03	1.3	2100		0.08
20	.15	8.5	05		.08
25	.10	18	10		.05
1930	.08	19	15		.05
35	.04	14	20	0.01	.03
40	.01	8.5	25		.03
45	.01	5.5	2130		.03
50	.04	3.9	35		.03
55	.02	3.5	40		.01
2000	.01	3.5	45		.01
05	.01	3.0	50		.01
10	.01	2.0	55		.01
15		1.4	2200		.01
20		.89	05		0
25		.68	-----		
2030		.49	TOTAL:	0.52	-
35		.33			
40		.28			
45		.19			
50		.15			
55		.11			

AUGUST 14, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	-----	-----		-----	-----
Time	Gage 15	feet per second	Time	Gage 15	feet per second
-----			-----		
2050	0.01	0	2230		0.03
55		0	35		.03
2100		0	40		.03
05		0	45		.01
10		0	50		.01
15		0	55		.01
20		.05	2300		.01
25	.01	.08	05		.01
2130		.08	10		.01
35	.01	.08	15		.01
40		.05	20		.01
45		.05	25		.01
50		.05	2330		.01
55		.05	35		.01
2200		.05	40		.01
05		.05	45		.01
10		.05	50		.01
15		.05	55		.01
20		.03	2400		.01
25		.03	-----		
			TOTAL:	0.03	-

NOTE.--Event continued on next page

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 15, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 15	feet per second	Time	Gage 15	feet per second
-----			-----		
0005		0.01	0600		0.33
10		.01	05		.28
15		.01	10		.23
20		.01	15		.19
25		.01	20		.15
0030	0.01	.01	25		.11
35		.01	0630	0.01	.11
40	.01	.01	35		.11
45		.03	40		.08
50	.01	.05	45		.08
55		.05	50		.08
0100		.05	55	.01	.11
05		.05	0700	.01	.19
10		.05	05		.23
15		.08	10	.01	.33
20		.08	15		.38
25		.08	20		.43
0130		.05	25		.43
35		.05	0730		.38
40		.05	35		.33
45		.05	40		.28
50		.05	45	.01	.19
55		.05	50		.15
0200		.05	55		.15
05		.03	0800		.11
10	.01	.03	05		.08
15		.03	10		.08
20		.03	15		.08
25		.03	20		.05
0230	.01	.03	25		.05
35		.03	0830		.05
40		.05	35		.03
45	.01	.08	40		.03
50		.11	45		.03
55	.01	.19	50		.03
0300		.23	55		.03
05	.01	.33	0900		.03
10		.49	05		.03
15	.02	.61	10		.03
20	.01	.89	15		.03
25	.02	.97	20		.01
0330	.01	1.2	25		.01
35	.01	1.4	0930		.01
40	.01	1.4	35		.01
45	.01	1.4	40		.01
50	.02	1.5	45		.01
55	.01	1.6	50		.01
0400	.02	1.7	55		.01
05		1.6	1000		.01
10	.01	1.5	05		.01
15	.01	1.3	10		.01
20		1.1	15		.01
25		.89	20		.01
0430	.01	.75	25		.01
35		.61	1030		.01
40		.55	35		.01
45		.43	40		.01
50	.01	.38	45		.01
55		.38	50		.01
0500		.33	55		.01
05	.01	.33	1100	.01	.61
10		.38	05		.01
15	.02	.49	10		.01
20	.01	.55	15		.01
25		.61	20		.01
0530	.01	.75	25		.01
35		.75	1130		.01
40	.01	.75	35		.01
45		.61	40		0
50		.49	-----		
55		.43	TOTAL:	0.39	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 15, 1979

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 15	feet per second	Time	Gage 15	feet per second
-----			-----		
0140	0.01	0	0630	0.01	0.68
45		0	35		.68
50		0	40		.68
55		0	45	.01	.68
0200	.01	0	50		.61
05		0	55		.61
10		0	0700	.01	.49
15		0	05		.43
20		0	10		.38
25		0	15		.33
0230		0	20		.33
35		.01	25	.01	.28
40		.01	0730		.28
45		.01	35		.23
50		.01	40		.23
55		.01	45	.01	.19
0300		.01	50		.19
05		0	55		.19
10		0	0800	.01	.19
15		0	05		.19
20		0	10		.19
25		0	15		.19
0330		0	20		.19
35		0	25		.19
40		0	0830	.01	.19
45	.01	0	35		.19
50		0	40		.19
55		0	45		.19
0400		0	50		.15
05	.01	0	55		.15
10		0	0900		.11
15		.01	05		.11
20		.03	10		.08
25	.01	.03	15		.08
0430		.03	20		.05
35		.03	25		.05
40	.01	.05	0930		.05
45	.01	.05	35		.05
50		.08	40		.05
55	.01	.11	45		.03
0500	.01	.15	50		.03
05		.15	55		.03
10	.01	.19	1000		.03
15		.23	05		.03
20	.01	.23	10		.03
25	.01	.33	15		.01
0530	.01	.33	20		.01
35		.43	25		.01
40	.01	.49	1030		.01
45	.01	.49	35		.01
50	.01	.55	40		.01
55		.55	45		.01
0600	.01	.61	50		.01
05	.01	.68	55		.01
10	.01	.61	1100		.01
15		.61	05		.01
20	.02	.61	10		.01
25		.63	15		0
-----			-----		
TOTAL:			0.28		

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 21, 1979

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic	Time	Rainfall, in inches	Discharge, in cubic
	Gage 15	feet per second		Gage 15	feet per second
-----			-----		
0405	0.01	0	0700		2.3
10		0	05		1.7
15		0	10		1.2
20		0	15		.89
25		0	20		.68
0430	.01	0	25		.49
35		0	0730		.38
40		0	35		.28
45		.01	40		.23
50		.01	45		.19
55	.01	.01	50		.15
0500		.01	55		.11
05	.01	.03	0800		.08
10		.03	05		.08
15		.03	10		.08
20	.01	.05	15		.05
25		.05	20		.05
0530	.01	.08	25		.05
35	.01	.11	0830		.03
40		.15	35		.03
45	.01	.15	40		.03
50	.01	.19	45		.01
55		.23	50		.01
0600	.01	.33	55		.01
05	.01	.33	0900		.01
10	.01	.38	05		.01
15	.01	.43	10		.01
20	.01	.61	15		.01
25	.02	.75	20		.01
0630	.03	.82	25		.01
35	.03	1.3	0930		.01
40	.02	2.4	35		.01
45	.01	2.9	40		.01
50	.02	3.3	45		0
55		3.1	-----		
			TOTAL:	0.27	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

OCTOBER 21, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
0600	0.01	0	0930		0.01
05		0	35		.01
10		0	40		.01
15		0	45		.01
20	.01	0	50		.01
25		0	55		.01
0630		0	1000		.01
35	.03	.11	05		.01
40	.03	.38	10		.01
45	.02	.61	15		.01
50	.01	.89	20		.01
55		1.6	25		.01
0700		1.4	1030		.01
05		.89	35		.01
10	.01	.61	40		.01
15		.49	45		.01
20		.33	50		.01
25	.01	.28	55		.01
0730	.01	.28	1100		.01
35		.28	05		.01
40	.01	.28	10		.01
45	.01	.28	15		.01
50		.28	20		.01
55		.33	25		.01
0800		.33	1130		.01
05		.28	35		.01
10		.23	40		.01
15		.19	45		.01
20		.15	50		.01
25		.11	55		.01
0830		.08	1200		.01
35		.08	05		.01
40		.05	10		.01
45		.05	15		.01
50		.03	20		.01
55		.03	25		.01
0900		.03	1230		.01
05		.03	35		.01
10		.03	40		.01
15		.03	45		0
20		.01			
25		.01	TOTAL:	0.16	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

OCTOBER 30, 1979

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
0640	0.01	0	1000	0.01	0.03
45		0	05		.03
50		0	10	.01	.03
55	.01	.15	15	.01	.03
0700		.23	20	.01	.01
05		.28	25	.01	.01
10		.38	1030	.01	.01
15		.61	35	.01	.01
20		.68	40	.01	.01
25		.61	45		.01
0730		.61	50	.01	.01
35		.55	55	.01	.01
40		.55	1100		.01
45		.49	05	.02	.01
50		.49	10	.01	.01
55		.43	15	.01	.01
0800		.55	20		.01
05		.75	25		.01
10		.82	1130		.01
15		.97	35		.01
20		.89	40		.01
25		.75	45		.01
0830		.63	50		.01
35		.68	55		.01
40		.61	1200		.01
45		.61	05		.01
50		.55	10		.01
55	.01	.43	15		.01
0900	.01	.38	20		.01
05		.28	25		.01
10	.02	.23	1230		.01
15		.19	35		.01
20	.01	.15	40		.01
25	.02	.11	45		.01
0930		.11	50		.01
35	.01	.08	55		.01
40	.01	.08	1300		0
45	.01	.05			
50	.01	.05			
55	.01	.03			
			TOTAL:	0.29	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	.02	0	
2				---	0	0	0	.05(*)	0	0	0	
3				---	0	0	0	.26(*)	0	0	0	
4				---	0	0	0	0	.01	0	0	
5				---	0	0	0	.04	0	0	0	
6				---	0	0	0	0	.09(*)	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	.77(*)	0	0	
9				0	0	0	0	0	.35(*)	0	0	
10				0	0	.65	0	0	.00(*)	0	0	
11				0	0	0	0	0	.17(*)	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	.01	0	
14				0	.38(*)	0	0	.52(*)	0	0	0	
15				0	0(*)	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	.12	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	.13	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				.09(*)	0	0	0	0	0	0	.03	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	.38	.05	.25	.87	1.39	.03	---	
AC-FT				---	.3	.10	.5	1.7	2.8	.06	---	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.48	0.57	0.10	0.42	1.53	2.52	0.11	0.17	

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

APRIL 24, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic feet per second		Rainfall, in inches	Discharge, in cubic feet per second
Time	Gage 15		Time	Gage 15	
-----			-----		
1110	0.01	0	1630		0
15		0	35		0
20	.01	0	40		0
25		0	45		0
1130		0	50		0
35		0	55		0
40	.01	0	1700		0
45		0	05		0
50		0	10		0
55		0	15		0
1200		0	20	0.01	0
05		0	25	.01	0
10		0	1730		0
15		0	35	.01	0
20		0	40	.01	0
25		0	45	.02	0
1230	.01	0	50	.01	0
35		0	55	.01	.03
40		0	1800		.08
45	.01	0	05	.01	.23
50	.01	0	10		.43
55	.01	.01	15	.01	.55
1300		.01	20	.01	.49
05		.01	25		.33
10		.01	1830	.01	.33
15		.03	35	.02	.28
20	.01	.05	40	.02	.33
25		.08	45	.02	.49
1330	.01	.05	50	.01	.68
35		.05	55	.02	.89
40		.05	1900	.02	1.8
45		.03	05	.01	1.9
50	.01	.03	10		2.0
55	.01	.05	15	.01	1.8
1400	.01	.05	20	.01	1.7
05		.08	25		1.6
10	.01	.11	1930	.01	1.4
15	.01	.19	35	.01	1.1
20		.23	40	.01	.97
25		.23	45	.01	.89
1430		.23	50		.62
35		.23	55		.68
40		.15	2000		.61
45		.08	05		.49
50		.05	10		.38
55		.03	15		.23
1500		.01	20		.15
05		0	25		.08
10		0	2030		.03
15		0	35		.03
20		0	40		.01
25	.01	0	45		.01
1530		0	50		0
35		0	-----		
40		0	TOTAL:	0.45	-
45		0			
50		0			
55		0			
1600		0			
05		0			
10		0			
15		0			
20		0			
25		0			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

MAY 14, 1980

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
1545	0.03	0.43	1730		3.9
50	.03	.75	35		.82
55	.03	3.2	40		4.5
1600	.06	7.5	45	0.01	6.4
05	.02	6.6	50		.68
10		4.7	55		6.9
15		3.0	1800		9.3
20	.01	2.1	05		.03
25	.03	2.1	10		.03
1630	.04	3.7	15		.01
35	.05	8.1	20		0
40	.02	8.6	-----		
45	.02	7.7	TOTAL:	0.39	-
50	.01	5.4			
55		3.9			
1700	.01	2.7			
05		1.8			
10		1.1			
15	.01	.68			
20		.49			
25	.01	1.1			

MAY 15, 1980

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
1025	0.01	0	1230	0.01	0
1030		0	35		0
35	.01	0	40	.01	0
40		0	45		0
45		0	50	.01	.01
50		0	55		.03
55	.01	0	1300	.01	.08
1100	.02	.01	05		.15
05		.03	10	.01	.23
10		.05	15	.01	.23
15		.05	20		.23
20		.05	25		.19
25		.08	1330	.01	.15
1130	.01	.05	35		.15
35		.05	40		.08
40		.03	45		.05
45		.01	50		.03
50		.01	55		.03
55		0	1400		.01
1200		0	05		.01
05		0	10		0
10		0	-----		
15		0	TOTAL:	0.13	-
20		0			
25		0			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 2, 1980

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
0015	0.03	0	0300		0.01
20	.03	.43	05		.01
25	.02	.61	10		.01
0030	.02	.82	15		.01
35	.01	1.2	20		.01
40	.01	1.7	25		.01
45	.01	1.7	0330		.01
50		1.3	35		.01
55		.97	40		.01
0100		.68	45		.01
05		.49	50		.01
10		.38	55		.01
15		.28	0400		.01
20		.19	05		.01
25		.15	10		.01
0130		.11	15		.01
35		.11	20		.01
40		.08	25		.01
45		.05	0430		.01
50		.05	35		.01
55		.03	40		.01
0200		.03	45		0
05		.03	-----		
10		.03	TOTAL:	0.13	-
15		.01			
20		.01			
25		.01			
0230		.01			
35		.01			
40		.01			
45		.01			
50		.01			
55		.01			

AUGUST 3, 1980

-----			-----		
	Rainfall, in inches	Discharge,		Rainfall, in inches	Discharge,
	-----	in cubic		-----	in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
1820	0.07	0.61	2030		0.03
25	.04	3.0	35		.03
1830	.03	2.3	40		.03
35	.06	7.7	45		.01
40	.02	8.1	50		.01
45		7.7	55		.01
50		6.0	2100		.01
55		3.9	05		.01
1900	.05	3.6	10		.01
05	.05	4.5	15		.01
10	.01	4.3	20		.01
15	.01	4.9	25		.01
20		4.2	2130		.01
25		3.1	35		.01
1930		1.6	40		0
35		1.1	-----		
40		.89	TOTAL:	0.34	-
45		.49			
50		.33			
55		.23			
2000		.15			
05		.11			
10		.05			
15		.03			
20		.03			
25		.03			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
0400		0	0630	0.01	0.55
05	0.01	0	35		.49
10	.01	0	40		.43
15	.02	.33	45		.43
20	.01	.55	50		.38
25	.02	.55	55		.33
0430		.75	0700		.23
35	.09	1.7	05		.15
40	.07	6.6	10		.08
45	.02	7.5	15		.08
50	.01	8.5	20		.05
55	.01	6.6	25		.05
0500	.01	4.7	0730		.01
05		3.2	35		.03
10	.01	1.4	40		.03
15	.03	.97	45		.03
20	.02	.97	50		.01
25	.03	.82	55		.01
0530	.03	1.3	0800		.01
35	.01	3.6	05		.01
40	.01	3.8	10		0
45	.01	3.3			
50	.01	2.1	TOTAL:	0.48	-
55	.01	.97			
0600		.89			
05	.01	.75			
10		.61			
15	.01	.61			
20		.55			
25		.55			

AUGUST 14, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
1835	0.02	0	2030		0.03
40	.17	1.1	35		.03
45	.11	9.9	40		.01
50	.01	14	45		.01
55	.01	18	50		.01
1900		15	55		.01
05		8.1	2100		.01
10		4.9	05		.01
15		2.5	10		.01
20		.89	15		.01
25		.61	20		.01
1930		.55	25		0
35		.49			
40		.43	TOTAL:	0.32	-
45		.38			
50		.23			
55		.15			
2000		.08			
05		.08			
10		.03			
15		.05			
20		.03			
25		.03			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 6, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
Time	Gage 15	feet per second	Time	Gage 15	feet per second

0400	0.01	0	0730		0
05	.01	0	35		0
10	.01	.01	40		0
15	.02	.23	45	0.01	0
20	.02	.43	50	.01	.01
25	.02	.68	55		.03
0430	.01	.97	0800	.01	.03
35	.01	2.0	05	.01	.11
40		2.0	10	.01	.33
45		1.1	15	.01	.38
50		.82	20	.01	.49
55		.61	25		.55
0500	.01	.55	0830	.01	.61
05		.43	35	.01	.61
10		.33	40		.68
15		.28	45	.01	.61
20		.15	50	.01	.61
25		.08	55	.01	.55
0530		.05	0900		.61
35		.03	05	.01	.61
40		.03	10		.55
45		.03	15		.61
50		.01	20	.01	.55
55		.01	25		.49
0600		.01	0930		.43
05		.01	35		.33
10		.01	40		.28
15		0	45		.15
20		0	50		.11
25		0	55		.08
0630		0	1000		.05
35		0	05		.03
40		0	10		.03
45		0	15		.01
50		0	20		.01
55		0	25		.01
0700		0	1030		.01
05		0	35		0
10		0	-----		
15		0	TOTAL:	0.27	-
20		0	-----		
25		0			

SEPTEMBER 6, 1980

-----			-----		
Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	

2035	0.01	0	2200		0.01
40		.01	05		.01
45		.01	10	0.01	.01
50	.01	.03	15		.01
55		.05	20		.01
2100		.08	25		.01
05		.11	2230		.01
10	.01	.11	35		.01
15		.15	40		.01
20		.15	45		.01
25		.15	50		0
2130		.11	-----		
35		.03	TOTAL:	0.04	-
40		.05	-----		
45		.05			
50		.03			
55		.03			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 8, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	-----	feet per		-----	feet per
Time	Gage	second	Time	Gage	second
	15			15	
-----			-----		
2000		0.97	0030	0.01	0.11
05	0.12	6.3	35	.01	.38
10	.12	16	40	.01	.49
15	.17	29	45	.01	.68
20	.21	43	50		.75
25	.05	41	55		.75
2030	.04	29	0100		.82
35	.03	17	05		.75
40	.03	9.9	10		.61
45	.01	6.3	15		.61
50		4.3	20		.61
55		1.9	25		.49
2100		.82	0130		.49
05		.68	35		.49
10		.55	40		.43
15		.55	45		.33
20	.01	.49	50		.28
25		.49	55		.15
2130		.43	0200		.11
35		.38	05		.08
40	.01	.43	10		.05
45		.49	15		.05
50	.01	.49	20		.03
55	.01	.55	25	.01	.03
2200		.55	0230	.01	.01
05		.55	35	.01	.01
10		.55	40		.01
15		.49	45		.01
20		.49	50		.01
25		.38	55		.01
2230	.01	.33	0300		.03
35		.33	05		.05
40		.33	10		.05
45	.01	.38	15		.05
50	.01	.38	20		.05
55		.43	25		.08
2300		.43	0330		.08
05	.01	.43	35		.08
10		.43	40		.05
15		.38	45		.05
20		.33	50		.05
25		.28	55		.03
2330		.19	0400		.03
35	.01	.11	05		.03
40		.08	10		.01
45		.05	15		.01
50		.05	20		.01
55	.01	.05	25		.01
2400	.01	.03	0430		.01
05	.02	.03	35		.01
10	.02	.03	40		.01
15	.01	.03	45		0
20		.03			
25	.01	.05			
			TOTAL:	1.02	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 9, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
0535	0.02	0.01	0730		0.49
40	.01	.03	35		.49
45		.05	40		.43
50		.08	45		.33
55		.08	50		.28
0600	.01	.15	55		.19
05		.33	0800		.11
10	.01	.43	05		.08
15	.01	.49	10		.05
20	.01	.55	15		.05
25	.02	.68	20		.03
0630	.01	.68	25		.03
35	.01	.82	0830		.01
40	.01	.68	35		.01
45	.01	.68	40		.01
50	.01	.68	45		.01
55		.68	50		.01
0700	.03	.75	55		0
05		.68			
10	.01	.75	TOTAL:	0.19	-
15	.01	.75			
20		.61			
25		.61			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 9, 1980

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
0935	0.01	0	1400	0.01	2.0
40		0	05		1.7
45	.01	.01	10		.89
50		.05	15		.75
55	.01	.05	20		.55
1000		.08	25		.55
05		.15	1430	.01	.49
10	.01	.33	35		.49
15		.38	40		.49
20		.38	45		.38
25	.01	.43	50		.33
1030		.49	55		.33
35	.01	.49	1500		.28
40	.01	.49	05		.19
45	.01	.55	10		.11
50	.01	.55	15		.19
55	.01	.61	20	.02	.49
1100		.61	25	.02	.55
05	.01	.61	1530	.02	.82
10	.01	.61	35	.02	.89
15	.01	.68	40	.01	1.1
20	.01	.68	45		.97
25	.01	.75	50	.01	1.1
1130	.01	.75	55		.68
35	.02	.82	1600	.01	.68
40	.01	.75	05	.01	.75
45	.01	.89	10		.68
50	.01	.89	15	.01	.55
55	.01	.82	20		.55
1200	.01	.89	25		.49
05		.82	1630		.49
10		.68	35		.49
15	.01	.75	40		.38
20		.55	45		.33
25	.01	.55	50		.28
1230	.01	.55	55		.23
35	.01	.61	1700		.15
40	.01	.68	05		.11
45	.01	.68	10		.08
50	.01	.68	15	.01	.05
55	.01	.68	20		.05
1300		.75	25		.05
05	.01	.75	1730		.05
10		.61	35		.03
15	.01	.68	40		.03
20	.02	.68	45		.03
25	.01	.82	50		.01
1330	.02	.97	55		.01
35	.02	1.4	1800		.01
40	.02	2.9	05		.01
45	.02	3.7	10		.01
50	.01	3.7	15		0
55	.01	3.2			

			TOTAL:	0.62	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 10, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
2355		0
2400	0.02	.75
05	.11	4.5
10	.05	8.5
15	.03	11
20		8.3
25		5.5
0030		3.5
35		1.7
40		.75
45		.55
50	.01	.49
55		.43
0100		.33
05		.28
10		.23
15		.11
20		.08
25		.05

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
0130		0.05
35		.03
40		.03
45		.03
50		.01
55		.01
0200		.01
05		.01
10		.01
15		.01
20		.01
25		0
TOTAL:	0.22	-

SEPTEMBER 11, 1980

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
0255	0.01	0
0300		0
05		0
10		0
15		0
20		0
25		0
0330		0
35		0
40		0
45		0
50		0
55		0
0400		0
05		0
10		0
15		0
20		0
25		0
0430		0
35		0
40		0
45		0
50		0
55		0
0500		0
05		0
10		0
15		0
20		0
25		0
0530		0
35		0
40		0
45		0
50		0
55		0

Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15	
0600		0
05	0.01	0
10		0
15		0
20		0
25		0
0630		0
35		0
40		0
45		0
50	.01	.01
55		.01
0700		.01
05		.03
10		.01
15	.01	.01
20		.01
25		.01
0730		.01
35		.01
40		.01
45		.01
50		.01
55		.01
0800		.01
05		.01
10		.01
15		0
TOTAL:	0.04	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	(*)	0	(*)	(*)	0	(*)	0	
2				---	(*)	(*)	0	0	0	(*)	0	
3				---	0	(*)	0	0	0	(*)	0	
4				---	0	0	0	(*)	0	0	0	
5				---	0	(*)	0	(*)	(*)	0	0	
6				---	0	0	(*)	0	0	0	0	
7				---	0	0	0	(*)	0	0	0	
8				---	0	0	(*)	(*)	0	0	0	
9				---	0	0	(*)	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	(*)	(*)	0	(*)	(*)	0	0	
12				---	(*)	0	0	0	0	0	0	
13				---	0	0	0	0	0	0	0	
14				---	0	(*)	0	0	0	0	0	
15				---	0	0	(*)	0	0	0	0	
16				---	(*)	0	0	0	0	0	0	
17				---	0	0	0	(*)	0	0	0	
18				---	0	(*)	0	0	0	0	0	
19				---	0	(*)	0	0	0	0	0	
20				0	0	(*)	0	0	0	0	0	
21				0	0	0	(*)	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	(*)	0	0	
25				0	0	(*)	0	0	(*)	0	---	
26				(*)	0	0	0	0	0	0	---	
27				0	0	0	0	(*)	0	0	---	
28				0	0	(*)	(*)	0	0	0	---	
29				0	0	0	(*)	0	0	0	---	
30				0	0	0	(*)	0	(*)	0	---	
31				---	0	---	(*)	0	---	0	---	
TOTAL				---	---	---	---	---	---	---	---	
AC-FT				---	---	---	---	---	---	---	---	

(*) Streamflow detected; mean value for discharge not determined

NOTE.--A small temporary culvert was placed just downstream from the streamflow measuring flume to carry a construction haul road over the drainage channel. Streamflow measurements were thereby affected by backwater conditions during 1981.

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0	0.59	0.47	1.10	1.37	0.65	1.10	0.03	

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	.04	0	0	0	0	
2			---	0	0	0	0	.04	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	.02	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	.01	.03	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	.20	
11			---	0	0	0	0	.06(*)	0	0	0	
12			---	0	0	0	0	.28(*)	0	.01	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	.03	0	0	0	0	0	0	
18			---	0	0	0	0	0	.03	0	.03	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	.02	0	0	.12(*)	0	0	
21			---	0	0	0	0	0	.06(*)	0	0	
22			---	0	.18(*)	0	.05	0	0	0	0	
23			0	.02	0	0	0	0	0	0	0	
24			0	0	.01	.01	0	.15(*)	0	0	0	
25			0	0	.01	0	0	0	0	0	0	
26			.02	0	0	0	.30	0	0	0	.10	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	.06	0	0	0	0	
29			0	0	0	0	.01	0	0	0	0	
30			0	0	0	.03	.01	.03	0	0	0	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	.02	.25	.07	.50	.56	.21	.01	.33	
AC-FT			---	.04	.5	.1	1.0	1.1	.4	.02	.7	

(*) Unit values published in this report

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.10	0.05	0.56	0.14	0.89	1.12	0.84	0.14	0.84	

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 22, 1982

-----			-----		
Rainfall, in inches			Rainfall, in inches		
Gage			Gage		
15			15		
Time		Discharge, in cubic feet per second	Time		Discharge, in cubic feet per second
1510	0.02	0	1930		0.01
15	.02	.01	35		.01
20	.01	.23	40		.01
25	.01	.55	45		.01
1530	.01	.33	50		.01
35	.01	.38	55		.01
40	.01	.38	2000		.01
45	.01	.61	05		.01
50	.01	.97	10		.01
55	.02	.68	15		.01
1600	.02	.97	20		.01
05	.03	1.1	25		.01
10	.03	1.4	2030		.01
15	.03	1.9	35		.01
20	.02	3.0	40		.01
25	.02	3.3	45		.01
1630	.02	4.2	50		.01
35	.02	4.3	55		.01
40	.02	3.6	2100		.01
45	.02	3.3	05		.01
50	.02	2.7	10		.01
55	.01	2.2	15		.01
1700	.01	2.0	20	0.01	.01
05	.01	1.3	25		.01
10	.01	1.1	2130		.01
15		1.2	35		.01
20	.01	1.1	40		.01
25		.75	45		.01
1730		.55	50		.01
35		.55	55		.01
40		.43	2200		.01
45		.55	05		.01
50		.49	10		.01
55		.38	15		.01
1800		.33	20		.01
05		.23	25		.01
10		.19	2230		.01
15		.11	35		.01
20		.08	40		.01
25		.08	45		.01
1830		.05	50		.01
35		.05	55		.01
40		.03	2300		.01
45		.03	05		.01
50		.03	10		.01
55		.03	15		.01
1900		.03	20		.01
05		.03	25		.01
10		.03	2330		0
15		.03			
20		.03			
25		.03			
			TOTAL:	0.44	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 11, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
0205	0.01	0	0430		0.43
10		0	35		.38
15	.01	0	40		.28
20		0	45		.19
25		.01	50		.15
0230	.01	.03	55	0.01	.11
35		.03	0500		.08
40	.01	.05	05		.08
45	.01	.05	10		.05
50	.02	.11	15		.05
55	.01	.43	20		.03
0300	.01	.61	25		.03
05		.61	0530		.03
10		.82	35		.03
15		.75	40		.03
20		.68	45		.01
25		.55	50		.01
0330		.55	55		.01
35	.01	.55	0600		.01
40	.01	.55	05		.01
45	.01	.49	10		.01
50		.49	15		.01
55		.49	20		0
0400		.49	TOTAL: 0.13 -		
05		.55			
10		.55			
15		.55			
20		.55			
25		.49			

AUGUST 12, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
1805	0.01	0	2100		0.33
10		0	05		.23
15		0	10		.15
20		.01	15		.11
25	.03	.05	20		.11
1830	.06	.33	25		.08
35	.14	.75	2130		.05
40	.04	4.1	35		.05
45	.04	8.1	40		.05
50	.01	13	45		.03
55		15	50		.03
1900	.01	11	55		.03
05		6.9	2200		.03
10		3.9	05		.03
15		1.7	10		.01
20	.01	.75	15		.01
25	.01	.61	20		.01
1930	.01	.61	25		.01
35		.55	2230		.01
40		.55	35		.01
45	.01	.55	40		.01
50		.55	45		.01
55		.55	50		.01
2000	.01	.55	55		0
05	.01	.55	TOTAL: 0.41 -		
10		.55			
15	.01	.55			
20		.55			
25		.61			
2030		.55			
35		.55			
40		.55			
45		.49			
50		.43			
55		.38			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

AUGUST 24, 1982

Time	Rainfall, in inches	Discharge, in cubic feet per second	Time	Rainfall, in inches	Discharge, in cubic feet per second
	Gage 15			Gage 15	
1655		0.55	2200		0
1700	0.07	.68	05		0
05	.01	2.4	10		0
10		6.9	15		0
15		6.1	20		0
20		3.6	25		0
25		1.7	2230	0.01	.01
1730		.75	35		.03
35		.55	40	.01	.11
40		.55	45	.02	.33
45		.49	50	.01	.49
50		.43	55	.01	.49
55		.23	2300		.55
1800		.19	05	.01	.61
05		.15	10		.61
10		.11	15	.01	.61
15		.11	20		.61
20	.01	.11	25	.01	.55
25		.11	2330		.55
1830	.02	.15	35		.55
35	.01	.33	40		.55
40	.01	.49	45	.01	.49
45	.01	.49	50		.43
50		.55	55		.43
55	.01	.55	2400		.38
1900		.55	05		.33
05		.55	10		.23
10	.01	.55	15		.19
15		.55	20		.15
20	.01	.55	25		.11
25		.49	0030		.11
1930		.49	35		.11
35		.43	40		.08
40	.01	.43	45		.08
45		.43	50		.05
50		.33	55		.05
55		.23	0100		.05
2000		.19	05		.05
05		.15	10		.03
10		.11	15		.03
15		.11	20		.03
20		.11	25		.03
25		.05	0130		.03
2030		.05	35		.03
35		.05	40		.01
40		.05	45		.01
45		.03	50		.01
50		.03	55		.01
55		.03	0200		.01
2100		.03	05		.01
05		.03	10		.01
10		.03	15		.01
15		.01	20		.01
20		.01	25		.01
25		.01	0230		0
2130		.01			
35		.01	TOTAL:	0.28	-
40		.01			
45		.01			
50		0			
55		0			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 20, 1982

-----			-----		
Time	Rainfall, in inches	Discharge,	Time	Rainfall, in inches	Discharge,
	Gage 15	in cubic feet per second		Gage 15	in cubic feet per second
-----			-----		
0110	0.01	0	0600		0.19
15		0	05		.15
20		.01	10		.11
25	.01	.03	15		.11
0130	.01	.05	20		.08
35	.01	.15	25		.05
40	.01	.23	0630		.05
45		.38	35		.05
50	.01	.38	40		.03
55		.38	45		.03
0200		.49	50		.03
05		.55	55		.03
10		.49	0700		.03
15		.49	05		.03
20		.38	10		.01
25	.01	.33	15		.01
0230		.38	20		.01
35	.01	.38	25		.01
40		.38	0730		.01
45		.33	35		.01
50		.28	40		.01
55	.01	.33	45		.01
0300	.01	.38	50		.01
05	.02	.43	55		.01
10	.01	.43	0800		0
15	.01	.49	05		.01
20	.02	.55	10	0.02	.01
25	.02	.61	15		.03
0330	.02	.82	20		.03
35	.03	.89	25		.03
40	.01	1.1	0830		.03
45		1.1	35		.03
50	.01	1.1	40		.03
55		.97	45		.03
0400	.01	.82	50		.03
05		.61	55		.03
10		.55	0900		.05
15		.55	05		.05
20		.55	10		.05
25		.49	15		.05
0430		.43	20		.05
35	.01	.43	25		.05
40		.38	0930		.05
45	.04	.43	35		.05
50	.05	.55	40		.03
55	.02	.97	45		.03
0500	.01	1.1	50		.03
05		1.7	55		.03
10		2.2	1000	.01	.03
15		1.7	05		.01
20		.89	10		.01
25	.01	.61	15		.01
0530		.55	20		0
35		.49	-----		
40		.33	TOTAL:	0.43	-
45		.43			
50		.38			
55		.23			

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 20, 1982

-----			-----		
	Rainfall, in inches	Discharge, in cubic		Rainfall, in inches	Discharge, in cubic
	Gage	feet per		Gage	feet per
Time	15	second	Time	15	second
-----			-----		
2320	0.01	0	0300		0.28
25		0	05		.28
2330	.01	.01	10		.28
35	.01	.03	15		.28
40		.03	20		.23
45	.01	.03	25		.23
50	.01	.03	0330		.19
55		.01	35		.15
2400		.01	40		.15
05	.01	.03	45		.11
10	.01	.05	50		.11
15		.05	55		.11
20	.01	.08	0400		.11
25		.11	05		.08
0030		.19	10		.08
35	.01	.38	15		.05
40		.49	20		.05
45	.01	.49	25		.05
50		.55	0430		.05
55		.55	35		.05
0100	.01	.55	40		.03
05		.55	45		.03
10		.55	50		.03
15		.55	55		.03
20		.55	0500		.03
25	.01	.49	05		.03
0130		.55	10		.03
35		.49	15		.03
40		.49	20		.01
45	.01	.43	25		.01
50		.43	0530		.01
55		.43	35		.01
0200		.43	40		.01
05		.43	45		.01
10	.01	.43	50		.01
15		.38	55		.01
20	.01	.38	0600		.01
25		.33	05		.01
0230		.28	10		.01
35		.28	15		.01
40		.28	20		0
45		.28	-----		
50		.28	TOTAL:	0.15	-
55		.28			

Table 12.--TAYLOR RANCH ORAIN AT ALBUQUERQUE (08329936) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	.10(*)	0	0
2			---	0	0	0	0	.16(*)	0	.05(*)	0	0
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	0	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	.05(*)	.10	0	---
9			---	0	0	.02(*)	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	.15(*)	0	0	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	.00(*)	0	0	0	---
14			---	0	0	0	0	.02(*)	0	0	0	---
15			0	0	0	0	0	0	0	0	0	---
16			0	0	0	0	0	0	0	0	0	---
17			0	0	0	0	0	0	0	0	0	---
18			.02	0	0	0	0	0	0	0	0	---
19			0	0	0	0	0	0	0	0	0	---
20			0	0	0	0	0	0	0	.10	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	0	0	0	0	0	---
23			.04	0	0	.08(*)	0	0	0	0	0	---
24			0	0	0	.15(*)	0	0	0	0	0	---
25			0	0	0	.01(*)	0	0	0	0	0	---
26			0	0	0	0	.10(*)	0	.00(*)	0	0	---
27			0	0	0	0	0	0	.05(*)	0	0	---
28			0	0	.05(*)	0	0	0	0	0	0	---
29			0	0	0	0	.47(*)	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	.05(*)	0	---	0	---	---
TOTAL			---	0	.05	.26	.77	.18	.10	.35	0	---
AC-FT			---	0	.10	.5	1.5	.4	.2	.7	0	---

(*) Unit values published in this report

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.26	0.00	0.24	0.72	1.26	0.51	0.39	1.03	0.13	0.00

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SELECTED RAINFALL/DISCHARGE UNIT VALUE DATA

MAY 28, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
2105			0	2400			0.08
10	0.01		0	05			.08
15			0	10			.05
20	.02	0.01	0	15			.05
25			0	20			.03
2130	.01		.05	25			.03
35		.01	.15	0030			.03
40			.15	35			.01
45			.19	40			.01
50			.19	45			.01
55	.01		.15	50			.01
2200			.19	55			.01
05			.19	0100			.01
10			.19	05			.01
15	.01	.01	.19	10			.01
20			.19	15			.01
25	.01	.02	.23	20			.01
2230	.01	.01	.38	25			.01
35	.01	.01	.61	0130			.01
40	.01		.82	35			.01
45	.02	.01	1.2	40			.01
50	.01	.02	1.1	45			.01
55			1.4	50			.01
2300		.01	1.3	55			.01
05	.01		1.1	0200			0
10			1.1				
15		.01	1.1	TOTALS:	0.14	0.12	-
20			.82				
25			.61				
2330			.49				
35			.38				
40			.28				
45			.19				
50			.15				
55			.11				

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JUNE 9, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
1910			0	2200			0.01
15	0.04	0.01	0	05			.01
20	.03	.03	0	10			.01
25		.01	.33	15			.01
1930	.01		.43	20			.01
35			.43	25			.01
40		.01	.49	2230			.01
45		.01	.68	35			.01
50			.82	40			.01
55			.75	45			.01
2000			.61	50			.01
05			.43	55			.01
10			.33	2300			.01
15			.33	05			.01
20			.23	10			.01
25			.19	15			.01
2030			.15	20			.01
35			.11	25			.01
40			.08	2330			.01
45			.05	35			.01
50			.05	40			.01
55			.05	45			.01
2100			.03	50			.01
05			.03	55			.01
10			.03	2400			.01
15			.03	05			.01
20			.01	10			.01
25			.01	15			0
2130			.01				
35			.01				
40			.01				
45			.01				
50			.01				
55			.01				
				TOTALS:	0.08	0.07	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JUNE 23, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
1710			0	2000			0.43
15	.02		0	05			.38
20	.06	0.02	0	10			.33
25	.02		.11	15			.28
1730			.19	20			.19
35			.19	25			.15
40			.15	2030			.11
45			.11	35			.08
50			.11	40			.08
55			.28	45			.05
1800			.23	50			.05
05			.19	55			.03
10		.01	.15	2100			.03
15	.01	.01	.11	05			.03
20	.01		.11	10			.03
25		.01	.15	15			.03
1830	.02	.01	.15	20			.01
35	.09	.09	.61	25			.01
40	.01		1.1	2130			.01
45			1.4	35			.01
50		.01	3.8	40			.01
55	.01		3.2	45			.01
1900	.01	.01	1.6	50			.01
05		.01	.82	55			0
10		.01	.61	TOTALS:	0.26	0.21	-
15			.55				
20			.55				
25		.01	.55				
1930			.55				
35			.55				
40			.55				
45			.55				
50		.01	.49				
55			.43				

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JUNE 24, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
1450			0	1830		0.01	0.05
55	0.02	0.02	0	35			.05
1500	.04	.01	0	40			.05
05	.03	.05	.38	45			.05
10	.02	.03	.49	50			.05
15	.03	.02	.82	55			.05
20	.02	.02	1.4	1900			.05
25	.01	.02	4.2	05			.05
1530	.01	.01	4.3	10			.05
35	.01	.02	3.8	15			.05
40	.01	.02	3.5	20			.05
45	.01	.01	2.2	25			.05
50			1.7	1930			.05
55	.01	.01	1.1	35			.03
1600	.01	.01	.89	40			.03
05	.02	.02	.89	45			.03
10	.01	.02	.89	50		.01	.03
15	.01	.01	.97	55			.03
20	.01	.01	1.1	2000			.03
25	.02	.01	1.2	05			.03
1630	.01		1.1	10			.03
35	.01	.02	1.2	15			.03
40		.01	1.3	20			.03
45			.89	25			.03
50			.75	2030			.01
55			.62	35			.01
1700			.61	40			.01
05			.61	45			.01
10			.89	50			.01
15		.01	.55	55			.01
20			.43	2100			.01
25			.38	05			.01
1730			.28	10			.01
35			.23	15			.01
40			.15	20			.01
45			.11	25			.01
50			.08	2130			0
55			.08				
1800		.01	.08	TOTALS:	0.32	0.39	-
05			.08				
10			.05				
15			.05				
20			.05				
25			.05				

JUNE 25, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
1415			0	1530			0.11
20	0.01		0	35			.08
25	.02	0.02	0	40			.05
1430	.01		.03	45			.05
35		.02	.28	50			.05
40			.33	55			.03
45			.28	1600			.03
50			.28	05			.03
55			.28	10			.01
1500			.43	15			.01
05			.43	20			.01
10			.38	25			.01
15			.33	1630			.01
20			.23	35			.01
25			.19	40			0
				TOTALS:	0.04	0.04	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JULY 11, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
1640			0
45	0.06		0
50	.02	0.04	.01
55			.43
1700			.49
05			.38
10			.23
15			.23
20			.19
25	.03		.15
1730	.04	.01	.15
35	.03	.02	.19
40	.04	.03	.68
45	.02	.03	.89
50	.02	.02	4.1
55		.03	5.1
1800	.01	.02	5.7
05		.01	5.1
10			4.6
15		.01	3.5
20	.01		2.1
25		.01	.97
1830	.01		.82
35			.61
40		.01	.55
45			.55
50			.55
55			.61
1900			.61
05			.49
10			.43
15		.01	.38
20			.33
25			.33

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
1930		0.01	0.33
35		.01	.33
40			.28
45	0.01		.23
50			.23
55			.23
2000			.23
05			.19
10			.15
15			.11
20			.11
25			.08
2030			.08
35			.05
40			.05
45			.05
50			.05
55			.03
2100		.01	.03
05			.03
10			.03
15			.01
20			.01
25			.01
2130			.01
35			.01
40			0
TOTALS:	0.30	0.28	-

JULY 26, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
1820			0
25	0.05		.01
1830	.04		.89
35	.01	0.04	1.4
40		.03	1.1
45			1.4
50		.01	1.7
55	.01		1.7
1900		.01	1.2
05			.75
10	.01		.75
15	.01	.01	.75
20	.02	.01	.82
25	.02	.01	.97
1930	.01	.01	1.2
35		.02	1.5
40		.01	1.7
45	.01		1.9
50	.01	.01	1.4
55		.01	.39
2000		.01	.89
05			.75
10		.01	.75
15			.68
20			.08
25			.55

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
2030			0.43
35			.33
40			.23
45			.11
50			.08
55			.08
2100			.05
05			.05
10			.05
15			.03
20			.03
25			.03
2130			.01
35			.01
40			.01
45			.01
50			.01
55			.01
2200			.01
05			0
TOTALS:	0.20	0.20	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

JULY 29, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
1400			0
05	0.01		0
10	.10		.03
15	.18	0.03	2.8
20	.14	.14	14
25	.05	.10	25
1430	.06	.08	26
35	.03	.05	20
40	.02	.04	14
45	.01	.03	10
50		.01	7.3
55			5.3
1500		.01	3.6
05			2.7
10			1.5
15			.75
20			.61
25			.61
1530			.49
35			.33
40			.23
45			.15
50			.11
55		.01	.08

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
1600			0.08
05			.05
10			.05
15			.03
20			.03
25			.03
1630			.01
35			.01
40			.01
45			.01
50			.01
55			.01
1700			.01
05			.01
10			0
TOTALS:			-
			0.60 0.50

JULY 31, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0345			0
50	0.01		.03
55	.01	0.02	.08
0400		.02	.15
05		.02	.49
10			.82
15		.02	.82
20			.75
25			.75
0430			.61
35			.55
40			.43
45		.02	.33
50			.19
55			.11
0500			.08
05			.03
10			.08
15	.01		.08
20			.08
25		.02	.03
0530		.02	.03
35			.11
40	.01		.11
45			.11
50		.02	.23
55			.43
0600			.55
05			.55
10			.49
15		.02	.49
20			.43
25		.02	.38

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0630	0.01		0.33
35			.33
40			.33
45		0.02	.28
50			.23
55			.23
0700			.28
05			.23
10			.23
15			.15
20			.11
25			.11
0730			.03
35			.08
40			.05
45			.05
50			.05
55			.03
0800			.03
05			.03
10			.03
15			.01
20			.01
25			.01
0830			.01
35			.01
40			.01
45			0
TOTALS:			-
			0.05 0.22

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329930) -- Continued

AUGUST 2, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0210			0
15	.01		0
20			0
25			0
0230			.05
35		0.02	.05
40	.12		.38
45	.04	.12	2.2
50	.01	.10	3.5
55	.02	.06	6.6
0300	.01	.06	6.9
05		.02	5.3
10	.01	.02	3.8
15		.02	2.5
20			1.7
25			.97
0330	.01	.02	.75
35			.61
40		.01	.61
45			.55
50			.55
55			.55
0400			.49
05	.01		.55
10		.01	.55
15	.01	.01	.61
20			.55
25		.01	.55
0430			.55
35			.55
40			.55
45			.55
50		.01	.43
55			.38

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0500			0.33
05			.28
10			.19
15			.15
20			.11
25			.08
0530			.08
35			.08
40			.05
45			.05
50			.05
55			.05
0600			.03
05			.03
10			.03
15			.03
20			.01
25			.01
0630			.01
35			.01
40			.01
45			.01
50			.01
55			0
TOTALS:	0.25	0.49	-

AUGUST 2, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
2025			0
2030	.02		0
35	.01		0
40	.01		0
45			0
50			.08
55		0.02	.08
2100			.08
05			.05
10		.02	.03
15			.03
20			.03
25			.03

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
2130			0.03
35			.01
40			.01
45			.01
50			.01
55			.01
2200			.01
05			0
TOTALS:	0.04	0.04	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (03329936) -- Continued

AUGUST 13, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
2345			0
50	0.01		0
55	.04		0
2400	.01		.01
05	.01		.55
10			.61
15			.43
20			.43
25			.33
0030			.19
35			.38
40			.23
45			.15
50			.08
55			.08
0100			.05
05			.03
10			.05
15			.03
20			.03
25			.03
0130			.03
35			.03
40			.03
45			.03
50			.03
55			.03
0200			.03
05			.03
10			.01
15	.01		.03
20			.03
25			.05

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0230			0.05
35			.05
40			.05
45			.05
50			.08
55			.08
0300			.08
05			.08
10			.08
15			.05
20			.05
25			.05
0330			.05
35			.03
40			.03
45			.03
50			.03
55			.01
0400			.01
05			.01
10			.01
15			.01
20			.01
25			.01
0430			.01
35			.01
40			0
TOTALS:	0.08	0.00	-

SEPTEMBER 8, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0045			0
50	0.01		0
55			0
0100	.01		0
05			0
10	.02	0.01	0
15		.02	0
20	.01		.03
25	.01	.01	.05
0130	.01	.01	.08
35	.02	.01	.28
40		.02	.61
45		.02	1.1
50			1.7
55			1.3
0200			1.6
05			1.4
10			1.1
15			.89
20			.61
25			.55

Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15	
0230		0.01	0.38
35			.28
40			.19
45			.11
50			.08
55			.05
0300			.05
05			.05
10			.03
15			.03
20			.03
25			.01
0330			.01
35			.01
40			.01
45			.01
50			.01
55			.01
0400			.01
05			.01
10			0
TOTALS:	0.09	0.12	-

Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Continued

SEPTEMBER 26, 1983

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
2325			0	0230			0.08
2330	0.02		0	35			.08
35			0	40	0.01		.11
40			0	45			.15
45	.02		0	50	.01		.23
50	.01		0	55			.33
55	.01		.03	0300			.43
2400	.01		.08	05			.43
05	.03		.15	10			.43
10			.33	15			.43
15	.01		.55	20			.43
20			.49	25			.38
25			.55	0330			.33
0030			.55	35			.28
35			.61	40			.23
40			.49	45			.15
45	.01		.49	50			.11
50			.55	55			.08
55			.49	0400			.08
0100			.55	05			.05
05			.55	10			.05
10			.49	15			.05
15			.49	20			.03
20			.43	25			.03
25			.43	0430			.03
0130			.38	35			.03
35			.33	40			.03
40			.23	45			.01
45			.19	50			.01
50			.11	55			.01
55			.11	0500			.01
0200			.08	05			.01
05			.08	10			.01
10			.08	15			.01
15			.03	20			.01
20			.08	25			0
25			.08				
				TOTALS:	0.14	0.00	-

OCTOBER 1, 1983

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Table 12.--TAYLOR RANCH DRAIN AT ALBUQUERQUE (08329936) -- Concluded

OCTOBER 2, 1933

Time	Rainfall, in inches		Discharge, in cubic feet per second	Time	Rainfall, in inches		Discharge, in cubic feet per second
	Gage 14	Gage 15			Gage 14	Gage 15	
0800			0	1000			0.15
05	0.01	0.01	0	05			.11
10	.01	.01	0	10			.08
15	.01	.01	.01	15			.08
20	.01	.02	.08	20			.06
25	.02	.02	.33	25			.05
0830	.01	.01	.49	1030			.05
35	.01	.02	.61	35			.05
40	.01	.01	.89	40			.05
45		.01	.97	45		0.01	.03
50	.01	.01	1.2	50			.03
55		.01	1.3	55			.03
0900			1.1	1100			.03
05			.89	05			.03
10		.01	.89	10			.01
15			.75	15			.01
20			.61	20			.01
25			.61	25			.01
0930			.55	1130			.01
35			.49	35			.01
40			.43	40			.01
45			.38	45			.01
50			.33	50			.01
55			.23	55			0
				TOTALS:	0.10	0.16	-

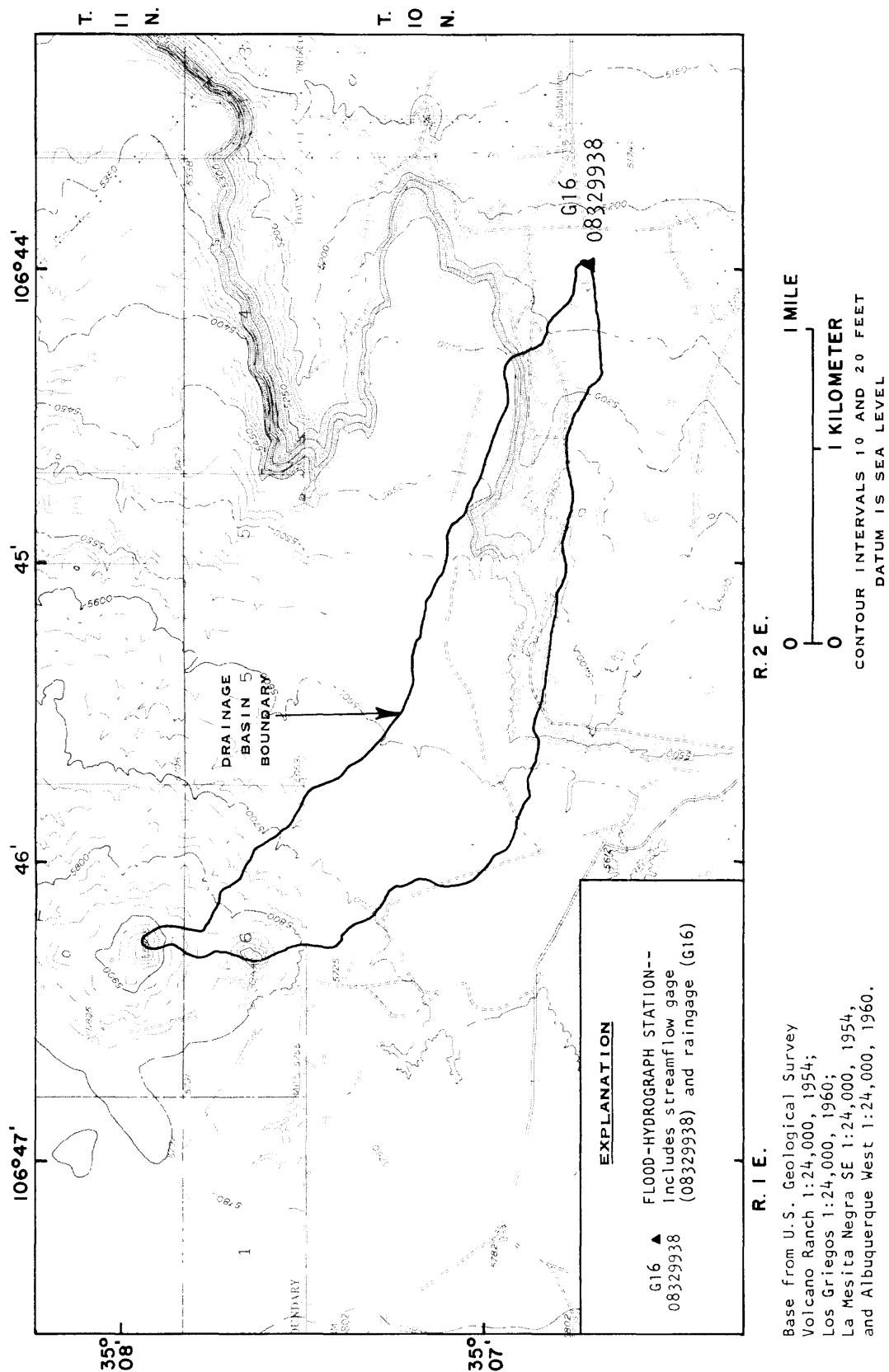


Figure 9.--Drainage basin for Ladera Arroyo (08329938)

Table 13.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for LADERA ARROYO AT ALBUQUERQUE (08329938), 1981-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 06 min 43 sec, long 106 deg 43 min 59 sec, Bernalillo County, Hydrologic Unit 13020203, in Town of Atrisco Land Grant, on left bank 300 ft (91 m) southeast of City of Albuquerque water well, 2,200 ft (671 m) west of electric substation, on dirt road extension of Ouray Rd, 1.8 mi (2.9 km) west of intersection of Coors Rd and Ouray Rd.

DRAINAGE AREA.--0.87 sq mi (2.25 sq km).

PERIOD OF RECORD.--May 1981 to current year (no winter records).

GAGE.--Water-stage recorder. Altitude of gage is 5,220 ft (1,591.06 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Drainage basin is undeveloped semi-desert terrain, part of which is above the escarpment west of the city.

STAGE-DISCHARGE RELATION.--Rating not developed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 126 cu ft per sec (3.57 cu m per sec) Oct. 2, 1981, gage height, 2.73 ft (0.832 m), from slope-area measurement of peak discharge; no flow most of the time.

EXTREMES.--Maximum discharge during period May to December 1981, 126 cu ft per sec (3.57 cu m per sec) Oct. 2, gage height, 2.73 ft (0.832 m), from slope-area measurement of peak discharge; no flow most of the time.

Calendar year 1982: No flow detected.

Calendar year 1983: Maximum discharge, not determined, June 25, gage height, 0.20 ft (0.061 m); no flow most of the time.



Photograph 15.--Ladera Arroyo (08329938). Direction of view is upstream.

Table 13.--LADERA ARROYO AT ALBUQUERQUE (08329938) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0	0	
2					---	0	0	0	0	(*)	0	
3					---	0	0	0	0	(*)	0	
4					---	0	0	0	(*)	0	0	
5					---	0	0	0	(*)	0	0	
6					---	0	0	0	0	0	0	
7					---	0	0	0	0	0	0	
8					---	0	0	0	0	0	0	
9					---	0	0	0	0	0	0	
10					---	0	0	0	0	0	0	
11					---	0	0	(*)	0	0	0	
12					---	0	0	0	0	0	0	
13					---	0	0	0	0	0	0	
14					---	0	0	0	0	0	0	
15					---	0	0	0	0	0	0	
16					---	0	0	0	0	0	0	
17					---	0	0	0	0	0	0	
18					---	0	0	0	0	0	0	
19					---	0	0	0	0	0	0	
20					---	0	0	0	0	0	0	
21					---	0	0	0	0	0	---	
22					---	0	0	0	0	0	---	
23					---	0	0	0	0	0	---	
24					---	0	0	0	0	0	---	
25					---	0	0	0	0	0	---	
26					---	0	0	0	0	0	---	
27					---	0	0	0	0	0	---	
28					0	0	0	0	0	0	---	
29					0	0	0	0	0	0	---	
30					0	0	0	0	0	0	---	
31					0	---	0	0	---	0	---	
TOTAL					---	0	0	---	---	---	---	
AC-FT					---	0	0	---	---	---	---	

(*) Streamflow detected; mean value for discharge not determined

Table 13.--LADERA ARROYO AT ALBUQUERQUE (08329938) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	0
2				---	0	0	0	0	0	0	0	---
3				---	0	0	0	0	0	0	0	---
4				---	0	0	0	0	0	0	0	---
5				---	0	0	0	0	0	0	0	---
6				---	0	0	0	0	0	0	0	---
7				---	0	0	0	0	0	0	0	---
8				---	0	0	0	0	0	0	0	---
9				---	0	0	0	0	0	0	0	---
10				---	0	0	0	0	0	0	0	---
11				---	0	0	0	0	0	0	0	---
12				---	0	0	0	0	0	0	0	---
13				---	0	0	0	0	0	0	0	---
14				0	0	0	0	0	0	0	0	---
15				0	0	0	0	0	0	0	0	---
16				0	0	0	0	0	0	0	0	---
17				0	0	0	0	0	0	0	0	---
18				0	0	0	0	0	0	0	0	---
19				0	0	0	0	0	0	0	0	---
20				0	0	0	0	0	0	0	0	---
21				0	0	0	0	0	0	0	0	---
22				0	0	0	0	0	0	0	0	---
23				0	0	0	0	0	0	0	0	---
24				0	0	0	0	0	0	0	0	---
25				0	0	0	0	0	0	0	0	---
26				0	0	0	0	0	0	0	0	---
27				0	0	0	0	0	0	0	0	---
28				0	0	0	0	0	0	0	0	---
29				0	0	0	0	0	0	0	0	---
30				0	0	0	0	0	0	0	0	---
31				---	0	---	0	0	---	0	---	---
TOTAL				---	0	0	0	0	0	0	0	---
AC-FT				---	0	0	0	0	0	0	0	---

Table 13.--LADERA ARROYO AT ALBUQUERQUE (08329938) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	0
2			---	0	0	0	0	0	0	0	0	0
3			---	0	0	0	0	0	0	0	0	---
4			---	0	0	0	0	0	0	0	0	---
5			---	0	0	0	0	0	0	0	0	---
6			---	0	0	0	0	0	0	0	0	---
7			---	0	0	0	0	0	0	0	0	---
8			---	0	0	0	0	0	0	0	0	---
9			---	0	0	0	0	0	0	0	0	---
10			---	0	0	0	0	0	0	0	0	---
11			---	0	0	0	0	0	0	0	0	---
12			---	0	0	0	0	0	0	0	0	---
13			---	0	0	0	0	0	0	0	0	---
14			---	0	0	0	0	0	0	0	0	---
15			---	0	0	0	0	0	0	0	0	---
16			---	0	0	0	0	0	0	0	0	---
17			---	0	0	0	0	0	0	0	0	---
18			---	0	0	0	0	0	0	0	0	---
19			---	0	0	0	0	0	0	0	0	---
20			---	0	0	0	0	0	0	0	0	---
21			0	0	0	0	0	0	0	0	0	---
22			0	0	0	0	0	0	0	0	0	---
23			0	0	0	0	0	0	0	0	0	---
24			0	0	0	0	0	0	0	0	0	---
25			0	0	0	(*)	0	0	0	0	0	---
26			0	0	0	0	0	0	0	0	0	---
27			0	0	0	0	0	0	0	0	0	---
28			0	0	0	0	0	0	0	0	0	---
29			0	0	0	0	0	0	0	0	0	---
30			0	0	0	0	0	0	0	0	0	---
31			0	---	0	---	0	0	---	0	---	---
TOTAL			---	0	0	---	0	0	0	0	0	---
AC-FT			---	0	0	---	0	0	0	0	0	---

(*) Streamflow detected; mean value for discharge not determined

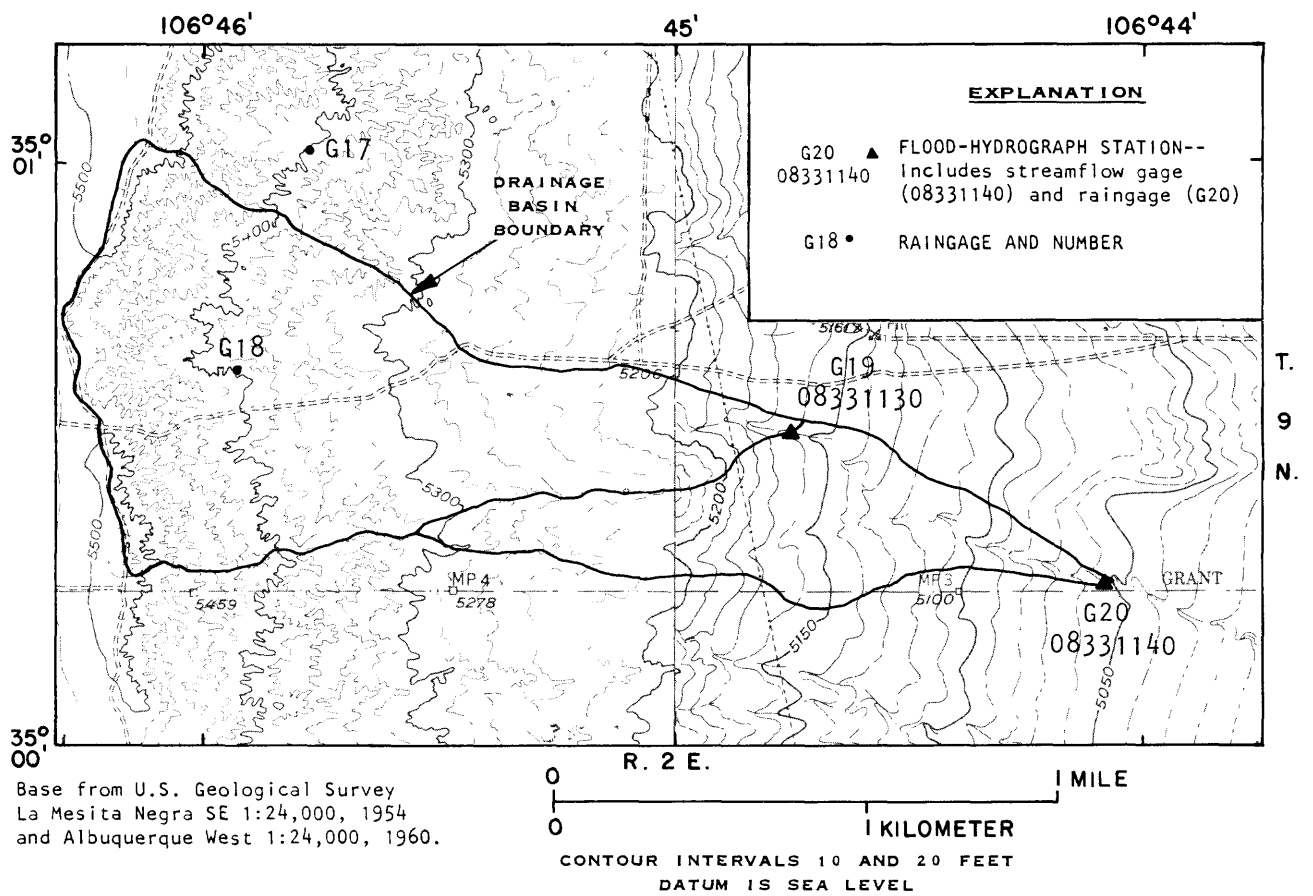


Figure 10.--Drainage basins for North Pajarito Arroyo
(08331130) and North Pajarito Arroyo at
Grant Boundary (08331140).

Table 14.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130), 1979-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 00 min 34 sec, long 106 deg 44 min 50 sec, Bernalillo County, Hydrologic Unit 13020203, in Town of Atrisco Land Grant, on left bank 650 ft (198 m) east of high voltage power line, 0.4 mi (0.6 km) north of Grant Boundary, and 1.7 mi (2.7 km) west of intersection of Sun Club Rd and Coors Blvd.

DRAINAGE AREA.--0.57 sq mi (1.48 sq km).

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

GAGE.--Water-stage recorder. Altitude of gage is 5,148 ft (1,569.11 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Two additional recording rain gages in or near basin upstream from station. Drainage basin is undeveloped semi-desert terrain.

STAGE-DISCHARGE RELATION.--Rating not developed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 26 cu ft per sec (0.736 cu m per sec) Oct. 2, 1981, gage height, 2.04 ft (0.622 m), from slope-area measurement of peak flow; no flow most of the time.

EXTREMES.--No flow recorded during period May to December 1979.

Calendar year 1980: Maximum discharge, not determined, Sept. 9, gage height, 1.68 ft (0.512 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 26 cu ft per sec (0.736 cu m per sec) Oct. 2, gage height, 2.04 ft (0.622 m); no flow most of the time.

Calendar year 1982: Maximum discharge, not determined, July 31, gage height, 2.10 ft (0.640 m); no flow most of the time.

Calendar year 1983: No flow recorded.



Photograph 16.--North Pajarito Arroyo (08331130). Direction of view is upstream.

Table 14.--NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0		
2					---	0	0	0	0	0		
3					---	0	0	0	0	0		
4					---	0	0	0	0	0		
5					---	0	0	0	0	0		
6					---	0	0	0	0	0		
7					---	0	0	0	0	0		
8					---	0	0	0	0	0		
9					0	0	0	0	0	0		
10					0	0	0	0	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	0	0	0		
16					0	0	0	0	0	0		
17					0	0	0	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					0	0	0	0	0	0		
21					0	0	0	0	0	0		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					0	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	0	0	0	0		
29					0	0	0	0	0	0		
30					0	0	0	0	0	0		
31					0	---	0	0	---	0		
TOTAL					---	0	0	0	0	0		
AC-FT					---	0	0	0	0	0		

Table 14.--NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	(*)	0	0	
9				---	0	0	0	0	(*)	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	0	0	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	(*)	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	0	
28				0	0	0	0	0	0	0	0	
29				0	0	0	0	0	0	0	0	
30				0	0	0	0	0	0	0	0	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	---	---	0	0	
AC-FT				---	0	0	0	---	---	0	0	

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.46	0.55	0.00	0.21	1.08	3.29	0.05	0.08	

Table 14.--NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	(*)	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	(*)	0	0	0	
13				---	0	0	0	0	0	0	0	
14				---	0	0	0	0	0	0	0	
15				---	0	0	0	0	0	0	0	
16				---	0	0	0	(*)	0	0	0	
17				---	0	0	0	0	0	0	0	
18				---	0	0	0	0	0	0	0	
19				---	0	0	0	0	0	0	0	
20				---	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	(*)	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	---	
25				0	0	0	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	---	0	---	---	
AC-FT				---	0	0	0	---	0	---	---	

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.00	0.18	0.28	0.98	1.34	0.70	1.14	0.12	

Table 14.--NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	---	0	0	0		
2				---	0	0	---	0	0	---		
3				---	0	0	---	0	0	---		
4				---	0	0	---	0	0	---		
5				---	0	0	---	0	0	---		
6				0	0	0	---	0	0	---		
7				0	0	0	---	0	0	---		
8				0	0	0	---	0	0	---		
9				0	0	0	---	0	0	---		
10				0	0	0	---	0	0	---		
11				0	0	0	---	0	0	---		
12				0	0	0	---	0	0	---		
13				0	0	0	---	0	0	---		
14				0	0	0	---	0	0	---		
15				0	0	0	0	0	0	---		
16				0	0	0	0	0	0	---		
17				0	0	0	0	0	0	---		
18				0	0	0	0	(*)	(*)	---		
19				0	0	0	0	0	0	---		
20				0	0	0	0	0	0	---		
21				0	0	0	0	0	0	---		
22				0	0	0	0	0	0	---		
23				0	0	0	0	0	0	---		
24				0	0	0	0	(*)	0	---		
25				0	0	0	0	0	0	---		
26				0	0	0	0	0	0	---		
27				0	0	0	0	0	0	---		
28				0	0	0	0	0	0	---		
29				0	0	0	0	0	0	---		
30				0	0	0	0	(*)	0	---		
31				---	0	---	(*)	(*)	---	---		
TOTAL				---	0	0	---	0	0	---		
AC-FT				---	0	0	---	0	0	---		

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.06	0.61	0.15	0.44	1.39	0.78	0.26	0.66	0.08

Table 14.--NORTH PAJARITO ARROYO NEAR ALBUQUERQUE (08331130) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	0	0	0	
12			---	0	0	0	0	0	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	0	
18			---	0	0	0	0	0	0	0	0	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	0	0	0	0	0	0	
21			0	0	0	0	0	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	0	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	0	0	0	0	0	0	0	0	
AC-FT			---	0	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.06	0.00	0.24	0.50	0.74	0.41	0.62	1.40	0.24	

A drainage basin map of
North Pajarito Arroyo at Grant Boundary (08331140)
is shown in figure 10 (page 292).

Table 15.--Station description, daily mean discharge values, monthly rainfall totals, and selected rainfall-discharge unit-value data for NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140), 1979-83.

STATION DESCRIPTION

LOCATION.--Lat 35 deg 00 min 18 sec, long 106 deg 44 min 07 sec, Bernalillo County, Hydrologic Unit 13020203, in Town of Atrisco Land Grant, on right bank 200 ft (61 m) upstream from high voltage power line and Town of Atrisco Land Grant Boundary and 1.1 mi (1.8 km) northwest of intersection of Coors Blvd and Don Felipe Rd.

DRAINAGE AREA.--0.79 sq mi (2.05 sq km).

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

GAGE.--Water-stage recorder. Altitude of gage is 5,042 ft (1,536.80 m), from topographic orthophoto map.

REMARKS.--Records poor. Recording rain gage at station. Three additional recording rain gages in or near basin upstream from station. Drainage basin is undeveloped semi-desert terrain.

STAGE-DISCHARGE RELATION.--Rating not developed.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 20 cu ft per sec (0.566 cu m per sec) Oct. 2, 1981, gage height, 1.72 ft (0.524 m), from slope-area measurement of peak flow; no flow most of the time.

EXTREMES.--No flow recorded during period May to December 1979.

Calendar year 1980: Maximum discharge, not determined, Sept. 11, gage height, 1.64 ft (0.500 m); no flow most of the time.

Calendar year 1981: Maximum discharge, 20 cu ft per sec (0.566 cu m per sec) Oct. 2, gage height, 1.72 ft (0.524 m); no flow most of the time.

Calendar year 1982: Maximum discharge, not determined, July 31, gage height, 1.44 ft (0.439 m); no flow most of the time.

Calendar year 1983: No flow recorded.



Photograph 17.--North Pajarito Arroyo at Grant Boundary (08331140). Direction of view is upstream.

Table 15.--NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979 MEAN VALUES												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1					---	0	0	0	0	0		
2					---	0	0	0	0	0		
3					---	0	0	0	0	0		
4					---	0	0	0	0	0		
5					---	0	0	0	0	0		
6					---	0	0	0	0	0		
7					---	0	0	0	0	0		
8					---	0	0	0	0	0		
9					0	0	0	0	0	0		
10					0	0	0	0	0	0		
11					0	0	0	0	0	0		
12					0	0	0	0	0	0		
13					0	0	0	0	0	0		
14					0	0	0	0	0	0		
15					0	0	0	0	0	0		
16					0	0	0	0	0	0		
17					0	0	0	0	0	0		
18					0	0	0	0	0	0		
19					0	0	0	0	0	0		
20					0	0	0	0	0	0		
21					0	0	0	0	0	0		
22					0	0	0	0	0	0		
23					0	0	0	0	0	0		
24					0	0	0	0	0	0		
25					0	0	0	0	0	0		
26					0	0	0	0	0	0		
27					0	0	0	0	0	0		
28					0	0	0	0	0	0		
29					0	0	0	0	0	0		
30					0	0	0	0	0	0		
31					0	---	0	0	---	0		
TOTAL					---	0	0	0	0	0		
AC-FT					---	0	0	0	0	0		

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1979 TO DECEMBER 1979

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
				0.21	0.91	1.41	0.94	0.73	0.36		

Table 15.--NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980 MEAN VALUES												
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	0	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				0	0	0	0	0	0	0	0	
11				0	0	0	0	0	(*)	0	0	
12				0	0	0	0	0	0	0	0	
13				0	0	0	0	0	0	0	0	
14				0	0	0	0	(*)	0	0	0	
15				0	0	0	0	0	0	0	0	
16				0	0	0	0	0	0	0	0	
17				0	0	0	0	0	0	0	0	
18				0	0	0	0	0	0	0	0	
19				0	0	0	0	0	0	0	0	
20				0	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	0	
25				0	0	0	0	0	0	0	0	
26				0	0	0	0	0	0	0	0	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	---	---	0	---	
AC-FT				---	0	0	0	---	---	0	---	

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1980 TO DECEMBER 1980												
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
			0.50	0.61	0.00	0.07	2.22	3.91	0.06	0.09		

Table 15.--NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	0	0	0	0	0	
2				---	0	0	0	0	0	(*)	0	
3				---	0	0	0	0	0	0	0	
4				---	0	0	0	0	0	0	0	
5				---	0	0	0	0	0	0	0	
6				---	0	0	0	0	0	0	0	
7				---	0	0	0	0	0	0	0	
8				---	0	0	0	0	0	0	0	
9				---	0	0	0	0	0	0	0	
10				---	0	0	0	0	0	0	0	
11				---	0	0	0	0	0	0	0	
12				---	0	0	0	0	0	0	0	
13				---	0	0	0	0	0	0	0	
14				---	0	0	0	0	0	0	0	
15				---	0	0	0	0	0	0	0	
16				---	0	0	0	0	0	0	0	
17				---	0	0	0	0	0	0	0	
18				---	0	0	0	0	0	0	0	
19				---	0	0	0	0	0	0	0	
20				---	0	0	0	0	0	0	0	
21				0	0	0	0	0	0	0	0	
22				0	0	0	0	0	0	0	0	
23				0	0	0	0	0	0	0	0	
24				0	0	0	0	0	0	0	---	
25				0	0	0	0	0	0	0	---	
26				0	0	0	0	0	0	0	---	
27				0	0	0	0	0	0	0	---	
28				0	0	0	0	0	0	0	---	
29				0	0	0	0	0	0	0	---	
30				0	0	0	0	0	0	0	---	
31				---	0	---	0	0	---	0	---	
TOTAL				---	0	0	0	0	0	---	---	
AC-FT				---	0	0	0	0	0	---	---	

(*) Streamflow detected; mean value for discharge not determined

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1981 TO DECEMBER 1981

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.00	0.18	0.62	1.11	2.22	0.94	1.48	0.11	

Table 15.--NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140) -- Continued

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1				---	0	0	---	0	0	0		
2				---	0	0	---	0	0	0		
3				---	0	0	---	0	0	0		
4				---	0	0	---	0	0	0		
5				---	0	0	---	0	0	0		
6				0	0	0	---	0	0	0		
7				0	0	0	---	0	0	---		
8				0	0	0	---	0	0	---		
9				0	0	0	---	0	0	---		
10				0	0	0	---	0	0	---		
11				0	0	0	---	0	0	---		
12				0	0	0	---	0	0	---		
13				0	0	0	---	0	0	---		
14				0	0	0	---	0	0	---		
15				0	0	0	0	0	0	---		
16				0	0	0	0	0	0	---		
17				0	0	0	0	0	0	---		
18				0	0	0	0	(*)	0	---		
19				0	0	0	0	0	0	---		
20				0	0	0	0	0	0	---		
21				0	0	0	0	0	0	---		
22				0	0	0	0	0	0	---		
23				0	0	0	0	0	0	---		
24				0	0	0	0	0	0	---		
25				0	0	0	0	0	0	---		
26				0	0	0	0	0	0	---		
27				0	0	0	0	0	0	---		
28				0	0	0	0	0	0	---		
29				0	0	0	0	0	0	---		
30				0	0	0	0	0	0	---		
31				---	0	---	(*)	0	---	---		
TOTAL				---	0	0	---	0	0	---		
AC-FT				---	0	0	---	0	0	---		

(*) Streamflow detected; mean value for discharge not determined

RAIN=ALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1982 TO DECEMBER 1982

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
			0.09	0.75	0.19	0.70	1.94	1.02	0.46	0.72	0.17

Table 15.--NORTH PAJARITO ARROYO AT GRANT BOUNDARY NEAR ALBUQUERQUE (08331140) -- Concluded

DISCHARGE, IN CUBIC FEET PER SECOND, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983
MEAN VALUES

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1			---	0	0	0	0	0	0	0	0	
2			---	0	0	0	0	0	0	0	0	
3			---	0	0	0	0	0	0	0	0	
4			---	0	0	0	0	0	0	0	0	
5			---	0	0	0	0	0	0	0	0	
6			---	0	0	0	0	0	0	0	0	
7			---	0	0	0	0	0	0	0	0	
8			---	0	0	0	0	0	0	0	0	
9			---	0	0	0	0	0	0	0	0	
10			---	0	0	0	0	0	0	0	0	
11			---	0	0	0	0	0	0	0	0	
12			---	0	0	0	0	0	0	0	0	
13			---	0	0	0	0	0	0	0	0	
14			---	0	0	0	0	0	0	0	0	
15			---	0	0	0	0	0	0	0	0	
16			---	0	0	0	0	0	0	0	0	
17			---	0	0	0	0	0	0	0	0	
18			---	0	0	0	0	0	0	0	0	
19			---	0	0	0	0	0	0	0	0	
20			---	0	0	0	0	0	0	0	0	
21			0	0	0	0	0	0	0	0	0	
22			0	0	0	0	0	0	0	0	0	
23			0	0	0	0	0	0	0	0	0	
24			0	0	0	0	0	0	0	0	0	
25			0	0	0	0	0	0	0	0	0	
26			0	0	0	0	0	0	0	0	0	
27			0	0	0	0	0	0	0	0	0	
28			0	0	0	0	0	0	0	0	0	
29			0	0	0	0	0	0	0	0	0	
30			0	0	0	0	0	0	0	0	0	
31			0	---	0	---	0	0	---	0	---	
TOTAL			---	0	0	0	0	0	0	0	0	
AC-FT			---	0	0	0	0	0	0	0	0	

RAINFALL AT GAGING STATION, IN INCHES, CALENDAR YEAR JANUARY 1983 TO DECEMBER 1983

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
		0.06	0.00	0.38	0.69	1.22	0.59	0.47	1.82	0.20	