LA-14239-PR
Progress Report

Surface Water Data at Los Alamos National Laboratory 2005 Water Year

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Abbreviations, Acronyms, and Glossary

Acre-foot (Ac-Ft, acre-ft) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet, 325,851 gallons, or 1233.49 cubic meters.

Cfs-day is the volume of water represented by the flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, 1.98347 acre-feet, 646,317 gallons, or 2,445 cubic meters.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic feet per second per square mile [$(ft^3/s)/mi^2$] is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Cubic foot per second (ft^3/s) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second, 448.8 gallons per minute, or 0.02832 cubic meters per second.

Discharge is the volume of water (or more broadly, the volume of fluid including suspended sediment) that passes a given point within a given period of time.

Drainage area (DA) of a stream at a specified location is that area, measured in a horizontal plane and enclosed by a topographic divide, from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (GH) is the water-surface elevation referred to in some arbitrary gage data. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

GPS is an abbreviation for global positioning system.

HWM is an abbreviation for high-water mark.

Instantaneous discharge is the discharge at a particular instant of time.

LANL is the acronym for Los Alamos National Laboratory.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

National Geodetic Vertical Datum of 1929 (*NGVD*) is a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada. It was formerly called *Sea Level Datum of 1929,* or "mean sea level," in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific coasts, it does not necessarily represent the local mean sea level at any particular place.

NPDES is the abbreviation for National Pollution Discharge Elimination System.

SR means "State Road."

Stage. See **Gage Height**.

Stage-discharge relation is the relation between the water-surface elevation, termed "gage height," and the volume of water flowing in a channel per unit of time.

Stream flow is the discharge that occurs in a natural channel.

SWSC is an abbreviation for sanitary wastewater systems consolidation.

USGS is the abbreviation for U.S. Geological Survey.

Water year in reports dealing with surface water supply is the 12-month period, October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1980, is called the "1980 water year."

WDR is an abbreviation for "Water-Data Report" in the "Revised Records" paragraph to refer to annual hydrologic-data reports.

WSP is an abbreviation for "Water-Supply Paper" in references to previously published reports.

Surface Water Data at Los Alamos National Laboratory: 2005 Water Year

by

D. A. Shaull, D. Ortiz, M. R. Alexander, and R. P. Romero

ABSTRACT

The principal investigators collected and computed surface water discharge data from 41 stream-gaging stations that cover most of Los Alamos National Laboratory and one at Bandelier National Monument. Also included are discharge data from three springs—two that flow into Cañon de Valle and one that flows into Water Canyon—and peak flow data from 16 stations.

Introduction

This annual water data report from Los Alamos National Laboratory (LANL) contains flow data from 41 stream-gaging stations that cover most of the Laboratory's property. Data collected on the Laboratory's downstream boundary approximates New Mexico State Road (SR) 4; the upstream boundary is approximated by New Mexico SR 501. Some of the gaging stations are within Laboratory boundaries and were originally installed to assist groups other than the Water Quality and Hydrology Group (ENV-WQH) that also conducts site-specific earth science research.

Two stations were added this year and publication was suspended for one. Station E089 Guaje Canyon was omitted from this year's publication because of extreme channel changes and lack of hydraulic events to quantify this change.

Water chemistry data from selected storm events occurring at some stations will be published in the 2004 "Los Alamos National Laboratory Environmental Surveillance Report." Those data are also available on the web

Station Identification Numbers

The U.S. Geological Survey (USGS), Water Resources Division, assigns a unique identification number to each stream-gaging station it establishes. All sites numbered since 1950 are part of the downstream-order system. The downstream-order system increases station numbers in the downstream direction along main streams, and in the case of this report, their respective mouths to the Rio Grande.

This report adheres to the USGS convention of downstream order. Because of the proximity of stations in this network, the first five digits of all station numbers are 08313. We have replaced this number string with the letter E in the station number partly to abbreviate and also to accommodate instrumentation.

Data Collection and Computation

A complete record-gaging station gathers records of stage and discharge measurements from streams or canals. In addition to gathering these stage and discharge measurements, we directly observe factors affecting the stage/discharge relation, consult weather records, and use other information that supplements base data in determining daily flow. Direct readings on a nonrecording gage or from the data logger provide integrated (5-minute) records of stage. We measure discharge with current meters, using methods the USGS adapted as a result of experience accumulated since 1880. Standard textbooks describe these methods, as do *Water-Supply Paper 2175* and the *US Geological Survey Technique of Water Resources Investigations*, Book 3, Chapter A6.

We use stage/discharge relation curves to prepare rating tables that give the discharge for any stage measured at a stream-gaging station. When it is necessary to define discharge extremes outside the range of current meter measurements, we extend the curves using

- logarithmic plotting,
- velocity area studies,
- results of indirect measurements of peak discharge, such as slope area or contracted opening measurements, and computations of flow over dams or weirs, or
- step backwater techniques.

Daily mean discharges are computed by applying daily mean gage height (stage) to the stage discharge curves or tables. If the stage/discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method. In the shifting-control method, correction factors based on individual discharge measurements and notes by personnel taking the measurements are applied to the gage heights before discharges are determined from the curves or tables.

The shifting-control method is also used if the stage/discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control. At some northern stream-gaging stations, the stage/discharge relation is affected by ice in the winter, and it becomes impossible to compute discharge in the usual manner. Discharge for the period of ice effect is computed on the basis of gage height record and occasional winter discharge measurements. Consideration is given to the available information about temperature and precipitation, notes of observations, and comparable discharge records for other stations in the same or nearby basins for comparable periods of time.

For some gaging stations, periods occur when no gage height record is obtained, or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, etc. For such periods, the daily discharges are estimated on the basis of recorded range-in-stage, prior and subsequent records, discharge measurements, weather records, and record comparisons made against other stations in the same or nearby basins. Likewise, daily contents may be estimated from operator logs, prior and subsequent records, inflow-outflow studies, and other information.

Accuracy of Records

Two factors determine the accuracy of streamflow records:

- stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements
- accuracy of measurements or stage, accuracy of discharge measurements, and interpretations of records.

Accuracy attributed to records is noted under "Remarks."

- Excellent—95% of daily discharges are within 5% of true value
- Good—95% of daily discharges are within 10% of true value
- Fair—95% of daily discharges are within 15% of true value
- Poor—records do not meet the criteria mentioned

Differences in accuracy may be attributed to different parts of a given record.

The number of significant figures used to report daily mean discharges is based solely on the magnitude of the discharge value:

If—the value (ft^3/s) is	**Then**—it is reported as
less than 1 ft^3/s	nearest hundredth
1–10 ft^3/s	nearest tenth
10–1,000 ft^3/s	whole number
above 1,000 ft^3/s	three significant figures

Data Presentation

The records published in this report are for each gaging station and comprise two parts:

- station manuscript description with photo
- data table for the water year (October 1, 2004, to September 30, 2005)

The station manuscript provides data under various headings: station location, period of record, average discharge, historical extremes, record accuracy, and other points pertinent to station operation and regulation. Each continuous record of discharge includes the following categories of descriptions.

Location. The most accurate and available maps, plus global positioning system (GPS) technology, provide location information. The location of the gage with respect to the vicinity's cultural and physical features is given, as well as a name that refers to place. For a few stations, the U.S. Army Corps of Engineers or the Water Resources Council (*River Mileage Measurement*, Bulletin 14, rev. October 1968) provided river mileage. We define left and right banks from the perspective of facing downstream.

Drainage Area. The most accurate and available maps provide drainage area measurements. The accuracy of drainage area measurements varies, depending on the type of map available for this purpose.

Revised Records. Because of new information, published records occasionally are in which revisions that have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year as follows: (M) means that only instantaneous maximum discharge was revised; (m) means that only the instantaneous minimum was revised; and (P) means that only the peak discharge was revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

Period of Record. The period of record is the time during which published records exist for a station or its equivalent station. An equivalent station is one that was in operation when the present station was not in operation and was located so that records from it can reasonably be considered equivalent to records from the present station.

Gage. This section describes the type of gage in current use. The datum of the current gage referred to in the *National Geodetic Vertical Datum of 1929* (NGVD) (see Abbreviations, Acronyms, and Glossary) and a condensed history of the types, locations, and data of previous gages are given under this heading.

Remarks. The text presents information relative to the accuracy of the records, special methods of computation, conditions that affect natural flow at the station, and other pertinent information.

Average Discharge. The average discharge is the average of the annual mean discharge published after 5 years of record. Once it is published, it continues as a moving average.

Extremes for Period of Record. Extremes may include maximum and minimum stages and maximum and minimum discharges or content. Unless otherwise qualified, the maximum discharge or content is the instantaneous maximum corresponding to the highest stage that occurred. The highest stage may have been obtained from a graphic or digital recorder, a crest stage gage, or by direct observation of a nonrecording gage. If the maximum stage did not occur on the same day as the maximum discharge or content, it is given separately. Similarly, the minimum is the instantaneous minimum discharge, unless otherwise qualified, and was determined and is reported in the same manner as the maximum.

Extremes outside Period of Record. This section contains information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may have been obtained from other agencies, old data files, newspapers, or local citizens.

Extremes for Current Year. Extremes given here are similar to those for the period of record. The time for occurrence of peaks is expressed in 24-h local standard time. For example, 12:30 A.M. is 0030 and 1:30 P.M. is 1330. The minimum for the current water year appears in this section.

Data Table of Daily Mean Values. The daily table of discharge records for stream-gaging stations gives the mean discharge for each day of the water year. In the monthly summary for the table, the line headed "Total" gives the sum of the daily figures for each month; the line headed "Mean" gives the average flow in cubic feet per second for the month; and the lines headed "Max" and "Min" give the maximum and minimum daily mean discharges for each month and in acre feet, respectively, in the line headed "Acre-Ft."

Acknowledgments

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References

Water-Supply Paper 2175 and the *U.S. Geological Survey Technique of Water Resources Investigations*, Book 3, Chapter A6.

U.S. Army Corps of Engineers, *River Mileage Measurement*, Bulletin 14, rev. October 1968.

National Geodetic Vertical Datum of 1929.

Previous Los Alamos National Laboratory reports in this series—"Surface Water Data at Los Alamos National Laboratory" for water years 1995–2004

1995: LA-13177-PR (August 1996)

1996: LA-13234-PR (November 1996)

1997: LA-13403-PR (January 1996)

1998: LA-13551-PR (February 1999)

1999: LA-13706-PR (April 2000)

2000: LA-13814-PR (July 2001)

2001: LA-13905-PR (April 2002)

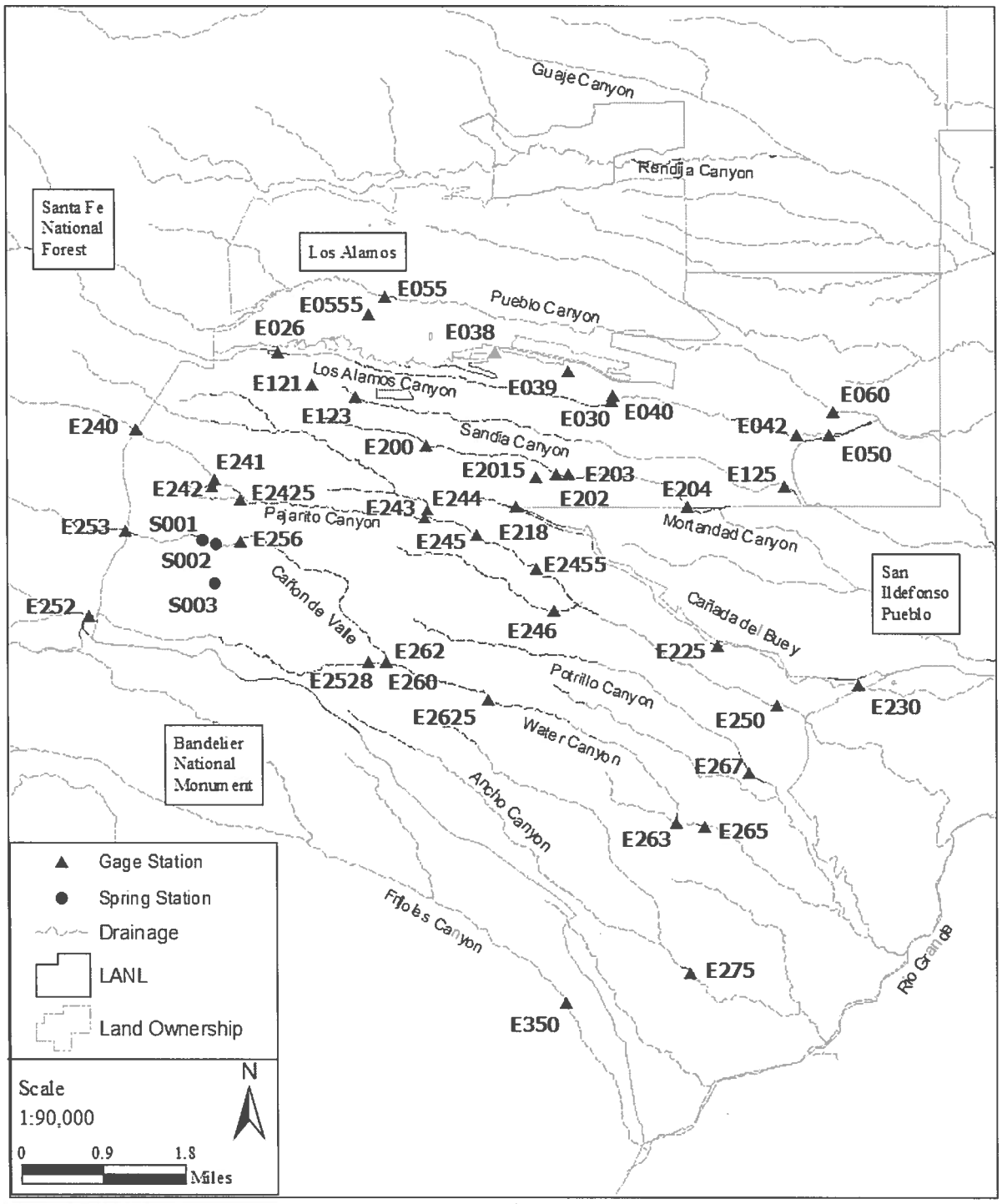
2002: LA-14019-PR (March 2003)

2003: LA-14131-PR (March 2004)

2004: LA-14211-PR (April 2005)

Gaging Stations

Gaging Stations at Los Alamos National Laboratory



Summary of Discharges from Stream-Monitoring Stations at Los Alamos National Laboratory

Water Year 2005
October 1, 2004 to September 30, 2005

Canyon Sites	Days with Flow	Volume in Ac-Ft	Instantaneous Max in ft^3/s
E026 Los Alamos below Ice Rink	207	896	21
E030 Los Alamos above DP Canyon	150	135	27
E038 DP above TA-21	45	114	162
E039 DP below Meadow at TA-21	135	95	135
E040 DP above Los Alamos Canyon	46	72	123
E042 Los Alamos above SR-4*	124	870	144
E050 Los Alamos below LA Weir	135	758	48
E055 Pueblo above Acid	262	472	123
E0555 South Fork Acid Canyon	60	10	17.5
E060 Pueblo above SR-502*	281	439	116
E121 Sandia Right Fork at Power Plant	365	402	111
E123 Sandia below Wetlands	365	665	85
E125 Sandia above SR 4*	1	0.30	5.5
E200 Mortandad below Effluent Canyon	325	39	14
E2015 Ten Site above Mortandad	11	4.5	11
E202 Mortandad above Sediment Traps	3	.006	4.1
E203 Mortandad below Sediment Traps	1	2.4	29
E204 Mortandad at LANL Boundary*	0	0	0
E218 Cañada del Buey near TA-46	64	23	13
E225 Cañada del Buey near MDA G	0	0	0
E230 Cañada del Buey above SR 4*	9	3.5	33
E240 Pajarito below SR 501	105	130	103
E241 Pajarito above Starmers	365	82	74
E242 Starmers above Pajarito	365	362	93
E2425 La Delfe above Pajarito	365	75	30
E243 Pajarito above Twomile	210	565	272
E244 Two Mile above Pajarito	190	119	517
E245 Pajarito above TA-18	221	640	373
E2455 Pajarito above Threemile	204	585	228
E246 Threemile above Pajarito	125	41	0.61
E250 Pajarito above SR 4*	127	255	36
E252 Water above SR 501	360	245	1.8
E2528 S-Site Canyon above Water	4	0.83	13
E253 Cañon de Valle above SR 501	47	129	8.5
E256 Cañon de Valle below MDA P	335	145	19
E262 Cañon de Valle above Water	151	42	9.3
E2625 Water below MDA AB	169	450	9.7
E263 Water at SR 4	65	155	26
E265 Water below SR 4*	69	154	26
E267 Potrillo above SR 4*	2	0.24	12
E275 Ancho below SR 4*	8	2.5	38
E350 Rio de los Frijoles at Bandelier	365	1,440	44

*Stations at downstream Laboratory boundary.

E026 Los Alamos below Ice Rink

Location. Lat 35°52'49" long 106°19'30", in 1/4 SE, 1/4 NW sec. 17, T. 19 N, R. 6 E, Los Alamos County, on left bank 0.3 mi upstream from "Rainbow" bridge on Diamond Drive over Los Alamos Canyon and 1.55 mi downstream from Los Alamos Reservoir.

Drainage Area. 7.12 mi^2.

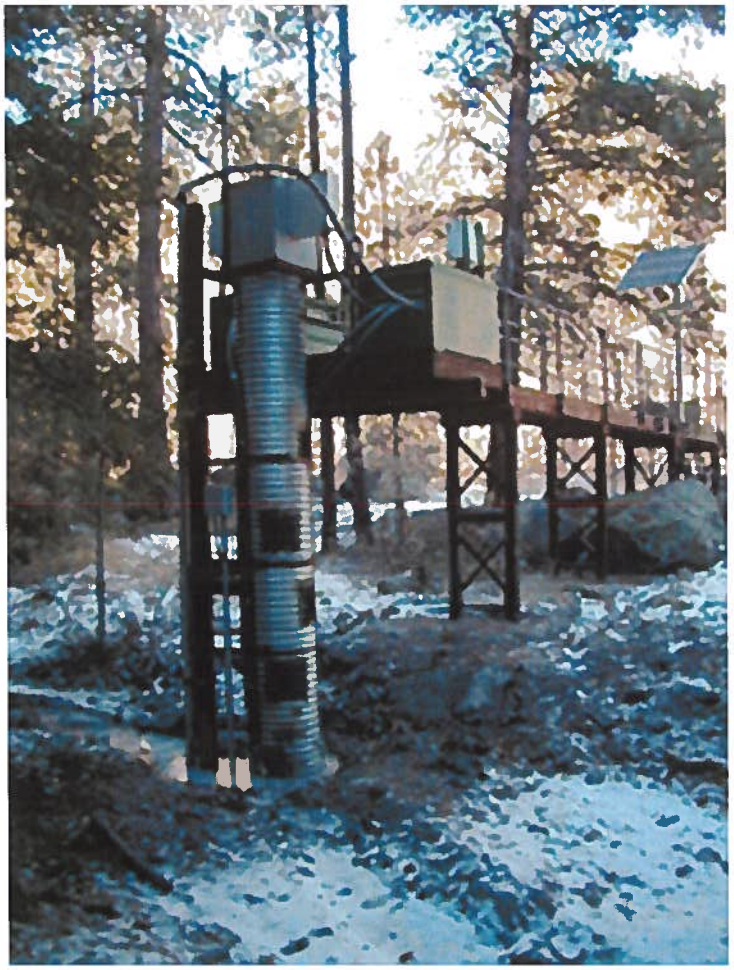
Period of Record. February 26, 2001, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,200 ft above *NGVD*.

Remarks. Water discharge records good, except for estimated daily discharges, which are fair.

Extremes for Period of Record. Maximum discharge 185 ft^3/s, August 9, 2001, gage height 1.52 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 21 ft^3/s at 1,840 h, April 19, gage height 0.84 ft. No flow at times.



E026 Los Alamos below Ice Rink

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0*	.26	.88	1.8	3.4	.47	0	0	.03
2	0	0	0	0*	.21	.76	1.8	3.1	.45	0	0	.02
3	0	0	0	0*	.17	.67	1.8	3.2	.38	0	0	.01
4	0	0	0	0*	.21	.61	2.2	3.3	.37	0	0	.01
5	.01	0	0	.20*	.23	.58	4.0	2.8	.32	0	0	0
6	0	0	0	.35*	.22	.54	5.3	4.2*	.33	0	0	0
7	0	0	0	.40*	.25	.50	7.8	5.1*	.33	0	0	.07
8	0	0	0	.35*	.26	.53	11	5.3*	.26	0	0	.04
9	0	0	0	.33*	.22	.58	13	5.5*	.24	0	0	.04
10	0	0	0	.40*	.28	.70	11	5.3*	.30	0	0	.04
11	0	0	0	.45*	.61	.84	8.9	5.2*	.26	0	0	.02
12	0	0	0	.51	4.1	1.2	6.9	5.1*	.22	0	.18	.01
13	0	0	0	.48	5.4	2.5	6.2	4.2*	.13	0	.22	.01
14	0	0	0	.46	6.2	4.3	7.2	4.2*	.10	0	.18	0
15	0	0	0	.44	6.0	4.2	9.1	3.8*	.06	.37	.25	0
16	0	0	0	.42	5.6	3.0	12	3.3*	.03	.01	.27	0
17	0	0	0	.40	5.1	2.1	14	2.9*	.05	0	.17*	0
18	0	0	0	.38	5.1	1.9	11	2.7	.14	0	.12*	0
19	0	0	0	.36	5.0	1.8	15	2.8	.09	0	.08*	0
20	0	0	0	.35	4.6	1.8	11	2.6	.05	0	.07*	0
21	0	0	0	.34	4.1	1.7	7.7	2.3	.03	0	.05*	0
22	0	0	0	.33	3.3	1.8	7.1	1.9	.02	0	.03*	0
23	0	0	0	.32	2.8	2.0	7.0	1.4	0	0	.05*	0
24	0	0	0	.31	2.8	1.7	6.7	1.1	0	0	.66	0
25	0	0	0	.31	2.3	1.8	6.2	1.0	0	0	.19	0
26	0	0	0	.30	1.9	1.9	6.4	.87	0	0	.20	0
27	0	0	0	.29	1.5	1.9	6.2	.83	0	0	.20	0
28	0	0	0	.28	1.1	1.8	5.7	.70	0	0	.12	.12
29	0	0	0	.28	------	1.8	4.9	.56	0	0	.08	.60
30	0	0	.01	.27	------	1.9	4.0	.51	0	0	.05	.40
31	0	------	0*	.26	------	1.9	------	.51	------	0	.05	------
Total	0.01	0	0.01	9.57	69.82	50.19	222.9	89.68	4.63	0.38	3.22	1.42
Mean	0	0	0	.31	2.49	1.62	7.43	2.89	.15	.012	.10	.047
Max	.01	0	.01	.51	6.2	4.3	15	5.5	.47	.37	.66	.60
Min	0	0	0	0	.17	.50	1.8	.51	0	0	0	0
Acre-Ft	.02	0	.02	19	138	100	442	178	9.2	.75	6.4	2.8

Wtr Year	2005	Total	451.83	Mean	1.24	Max	15	Min	0	Acre-Ft	896
Cal Year	2004	Total	114.95	Mean	.31	Max	9.9	Min	0	Acre-Ft	228

* Estimated

E030 Los Alamos above DP Canyon

Location. Lat 35°52'21", long 106°15'36", SW 1/4, SE 1/4 sec. 14, T. 19 N, R. 6 E, Los Alamos County, 150 ft upstream from mouth of DP Canyon wash and 2.4 mi upstream from SR 4.

Drainage Area. 8.58 mi^2.

Period of Record. July 1994 to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,627 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good. Flow partially regulated by Los Alamos Reservoir about 2.5 mi upstream.

Average Discharge. 11 yr, 0.31 ft^3/s, 225 acre-ft/yr.

Extremes Outside Period of Record. Flood of July 31, 1968, was 329 ft^3/s from slope area determination. Gage height was established later at 3.71 ft present datum.

Extremes for Period of Record. Maximum discharge 125 ft^3/s, June 22, 2002, gage height 2.88 ft from peak flow computation. No flow most of time.

Extremes for Current Water Year. Maximum discharge 27 ft^3/s on August 24, gage height 1.97 ft. No flow most of time.

E030 Los Alamos above DP Canyon

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT
1	0*	0	0	0	.10	1.1	1.4	4.4	.49	0	0	.01
2	0*	0	0	0	.23	.97	1.3	4.2	.45	0	0	0
3	0*	0	0	.25	.22	.91	1.3	4.5	.41	0	0	0
4	0	0	0	1.0	.18	.85	1.6	4.3	.39	0	.11	0
5	.43	0	0	0	.14	.83	2.8	4.4	.36	0	.01	0
6	0	0	0	0	.07	.84	3.6	4.9	.33	0	.01	0
7	0	0	0	0	.09	.79	4.2	5.0	.22	0	0	0
8	0	0	0	0	.09	.82	4.6	5.2	.19	0	0	0
9	0	0	0	0	.12	.86	4.8	5.1	.14	0	0	0
10	0	0	0	0	.16	1.0	5.1	5.0	.13	0	0	0
11	.49	0	0	0	.55	1.2	5.1	4.8	.11	0	.10	0
12	0	0	0	0	3.5	1.3	4.9	4.6	.12	0	1.6	0
13	0	0	0	.02	3.6	2.5	5.3	4.3	0	0	.63	0
14	0	0	0	.08	3.9	3.7	5.7	4.0	0	0	.34	0
15	0	0	0	.41	3.8	3.9	6.1	3.8	0	.89	.01	0
16	0	0	0	.46	3.7	3.2	6.6	3.4	0	.01	.01	0
17	0	0	0	.45	3.4	2.8	7.0	3.0	0	0	.01	0
18	0	0	0	.42	3.6	2.5	7.2	2.7	0	0	.01	0
19	0	0	0	.38	3.9	2.2	7.0	2.4	0	0	.01	0
20	0	0	0	.30	3.7	2.3	6.6	2.1	0	0	.01	0
21	0	0	0	.17	3.4	2.2	6.2	1.8	0	0	0	0
22	0	0	0	.05	3.0	2.1	5.8	1.5	0	0	.23	0
23	0	0	0	0	2.7	2.2	5.7	1.4	0	0	.02	0
24	0	0	0	0	2.4	1.8	6.4	.99	0	0	1.7	0
25	0	0	0	0	2.0	1.9	6.2	.88	0	0	.76	0
26	0	0	0	0	1.6	2.1	6.0	.80	0	0	.03	0
27	.02	0	0	.18	1.3	1.9	5.9	.75	0	0	.02	0
28	0	0	0	.10	1.2	1.6	5.7	.73	0	0	.02	1.1
29	0	0	0	.15	------	1.5	5.4	.63	0	0	.02	3.0
30	0	0	0	.15	------	1.5	4.9	.58	0	0	.02	.35
31	0	------	0	.13	------	1.5	------	.54	------	0	.01	------
Total	0.94	0	0	4.70	52.65	54.87	150.4	92.70	3.34	0.90	5.69	4.46
Mean	.030	0	0	.15	1.88	1.77	5.01	2.99	.11	.029	.18	.15
Max	.49	0	0	1.0	3.9	3.9	7.2	5.2	.49	.89	1.7	3.0
Min	0	0	0	0	.07	.79	1.3	.54	0	0	0	0
Acre-Ft	1.9	0	0	9.3	104	109	298	184	6.6	1.8	11	8.8

Wtr Year	2005	Total	370.65	Mean	1.02	Max	7.2	Min	0	Acre-Ft	735	
Cal Year	2004	Total	89.92	Mean	.25	Max	5.1	Min	0	Acre-Ft	178	

* Estimated

E038 DP above TA-21

Location. Lat 35°52'49", long 106°16'58", in SE 1/4 sec. 13, T. 19 N, R. 6 E, Los Alamos County, on left bank 1.3 mi west of SR 502.

Drainage Area. 0.207 mi^2.

Period of Record. April 26, 2000, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,100 ft above *NGVD*.

Remarks. Records fair, except for estimated daily discharges, which are poor. Average discharge 5 years, 0.11 ft^3/s, 80 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 295 ft^3/s, July 24, 2004, gage height 4.36 ft from rating curve extended above 10 ft^3/s on basis of peak flow computations. No flow most of time.

Extremes for Current Water Year. Maximum discharge 162 ft^3/s, August 4 at 1700 h, gage height 3.18 ft. No flow most of time.

E038 DP above TA-21

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	0*	.42	0	0	0	0
2	0	0	0	0	0	0	0*	.02	0	0	0	.59
3	0	0	0	0	0	0	0*	1.7	0	0	0	0
4	.07	0	0	0	0	0	0*	0	0	0	3.5	0
5	2.0	0	0	0	0	0	0*	0	0	0	0	0
6	0	0	0	0	0	.05	0*	0	0	0	0	0
7	0	0	0	0	.04	.05	0*	0	0	0	0	0
8	0	0	0	0	0	.12	0*	0	0	0	0	0
9	0	0	0	0	0	.07	0*	0	0	0	.17	0
10	0	0	0	0	0	.16	.58*	0	0	0	0	0
11	2.8	0	0	0	0	0	0*	0	0	0	2.0	0
12	0	0	0	0	0	0	0*	0	0	0	6.8	0
13	.14	.79	0	0	0	0	0*	0	0	0	2.5	0
14	0	0	0	0	0	0	0*	0	0	0	0	0
15	0		0	0	0	0	0*	0	0	1.6	0	0
16	0	0	0	0	0	0	3.0	0	0	0	0	0
17	0	0	0	0	0	0	.63	0	0	0	0	0
18	0	0	0	0	.05	0	.44	0	0	0	0	0
19	0	0	0	0	0	0	.05	0	0	0	0	0
20	0	.01	0	0	0	0	0	0	0	.72	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	1.7	.16
23	0	0	0	0	.01	0*	0	0	0	0	0	0
24	0	0	0	0	.42	0*	3.9	0	0	0	4.8	0
25	.58	0	0	0	0	0*	.37	0	0	0	2.3	0
26	0	0	0	0	0	2.7*	0	0	0	0	0	0
27	.49	0	0	0	0	0*	0	0	0	0	0	0
28	0	0	0	0	0	0*	0	.12	0	.24	0	3.6
29	0	0	0	0	------	0*	0	0	0	0	0	4.7
30	0	0	0	0	------	0*	.28	0	0	0	0	0
31	0	------	0	0	------	0*	------	0	------	0	0	------
Total	6.08	0.80	0	0	0.52	3.15	9.25	2.26	0	2.56	23.77	9.05
Mean	.20	.028	0	0	.019	.11	.31	.073	0	.083	.77	.30
Max	2.8	.79	0	0	.42	2.7	3.9	1.7	0	1.6	6.8	4.7
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	12	1.6	0	0	1.0	6.2	18	4.5	0	5.1	47	18

Wtr Year	2005	Total	57.44	Mean	.16	Max	6.8	Min	0	Acre-Ft	114
Cal Year	2004	Total	73.92	Mean	.20	Max	17	Min	0	Acre-Ft	147

* Estimated

E039 DP below Meadow at TA-21

Location. Lat 35°52'41", long 106°16'28", SE 1/4, in sec. 14, 12.6 E, T. 10 N, in Los Alamos County, on right bank, 0.50 mi to frontage road and 1.0 mi southwest of SR 502.

Drainage Area. 0.315 mi^2.

Period of Record. April 10, 2000, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,010 ft above *NGVD* from topographic map.

Remarks. Water discharge records fair, except for estimated daily discharges, which are poor. Average Discharge, 5 years, 0.12 ft^3/s, 87 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 200 ft^3/s, July 24, 2004, gage height 2.58 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 135 ft^3/s at 1725 h, August 4, gage height 2.17 ft. No flow most of time.

E039 DP below Meadow at TA-21

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0*	0*	0*	0*	.21	.02	0*	0*	.04	0
2	0	0	0*	0*	0*	0*	.19	.02	0*	0*	.01	0
3	.01	0	0*	.30*	0*	0*	.17	.04	0*	0*	0	0
4	0	0	0*	.20*	0*	0*	.16	.03	0*	0*	5.2	0
5	1.5	0	0*	0*	0*	0*	.14	.02	0*	0*	0	0
6	0	0	0*	0*	0*	0*	.12	.03	0*	0*	0	0
7	0	0	0*	0*	.02*	0*	.11	.02	0*	0*	0	0
8	0	0	0*	0*	0*	0*	.10	.02	0*	.91	0	0
9	0	0	0*	0*	0*	0*	.08	.03	0*	.40	.01	0
10	0	0	0*	0*	0*	0*	.07	.03	0*	.06	.02	0
11	1.8	0	0*	0*	0*	0*	.06	.02	0*	.02	1.1*	0
12	0	0	0*	0*	0*	0*	.05	.02	0*	.02	6.0*	0
13	.56	0	0*	0*	0*	0*	.04	.02	0*	.02	2.0*	0
14	.03	0	0*	0*	0*	.05*	.03	.02	0*	.01	.10*	0
15	0	0	0*	0*	0*	.50*	.03	.02	0*	.83	.02*	0
16	0	0*	0*	0*	0*	.20*	.02	.02	0*	.01	0*	0
17	0	0	0*	0*	0*	.10*	.01	.02	0*	.01	0*	0
18	0	0	0*	0*	.02*	.05*	.01	.02	0*	0	0*	0
19	0	0	0*	0*	.02*	.03*	0	.21	0*	0	0*	0
20	0	.14	0*	0*	.02*	.02*	0	.65	0*	.48	0*	0
21	0	.41	0*	0*	.02*	.02*	0	.43	0*	.01	0*	0
22	0	.04	0*	0*	.02*	.05*	0	.76	0*	.01	1.6*	.14
23	0	.56	0*	0*	.02*	.10*	0	.48	0*	0	.04*	.06
24	0	.08	0*	0*	.02*	.15*	0	.18	0*	0	4.0*	0
25	.44	.08	0*	0*	0*	.20*	0	.32	0*	0	1.0*	0
26	.10	.11	0*	0*	0*	.20*	0	0*	0*	0	.10*	0
27	.91	.55	0*	.05*	0*	.20*	.04	0*	0*	0	.05*	0
28	0	.04	0*	0*	0*	.23*	.02	0*	0*	0	.05*	2.7
29	0	.03	0*	0*	------	.27	.02	0*	0*	.05	.03*	4.6
30	0	0*	0*	0*	------	.25	.02	0*	0*	.07	.01*	0
31	0	------	0*	0*	------	.23	------	0*	------	.03	.01*	------
Total	5.35	2.04	0	0.55	0.16	2.85	1.70	3.45	0	2.94	21.39	7.50
Mean	.17	.068	0	.018	.006	.092	.057	.11	0	.095	.69	.25
Max	1.8	.56	0	.30	.02	.50	.21	.76	0	.91	6.0	4.6
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	11	4.0	0	1.1	.32	5.7	3.4	6.8	0	5.8	42	15

Wtr Year	2005	Total	47.93	Mean	.13	Max	6.0	Min	0	Acre-Ft	95
Cal Year	2004	Total	693.68	Mean	1.90	Max	35	Min	0	Acre-Ft	1380

* Estimated

E040 DP above Los Alamos Canyon

Location. Lat 35°52'24", long 106°15'34", SW 1/4 sec. 14, T. 19 N, R. 6 E, Los Alamos County, on right bank 150 ft upstream from confluence of DP Canyon and Los Alamos Canyon, and 2.4 mi upstream from SR 4.

Drainage Area. 0.57 mi^2.

Period of Record. May 1999 to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,625 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good, except for estimated daily discharges, which are poor.

Average Discharge. 6 yr, 0.20 ft^3/s, 145 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 160 ft^3/s, July 24, 2004, gage height 3.85 ft (from floodmark). No flow most of time.

Extremes for Current Water Year. Maximum discharge 123 ft^3/s at 1430 h, August 24, gage height 3.72 ft (from floodmark). No flow most of time.

E040 DP above Los Alamos Canyon

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	0*	0*	0	0*	0	0	0	0	0	0	0
2	0*	0*	0*	0	0*	0	0	.01	0	0	0	0*
3	0*	0*	0*	1.2	0*	0	0	.55	0	0	0	0*
4	0*	0*	0*	1.0	0	0	0	0	0	0	1.6	0*
5	.10*	0*	0*	0	0	0	0	0	0	0	.05	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*	.02	0	0	0	0	0	0	0*	0*
9	0*	0*	0*	0	0	0	0	0	0	0	0*	0*
10	.02*	0*	0*	0	0	0	0	0	0	0	0*	0*
11	0*	0	0*	0	.95	0	0	0	0	0	.81	0*
12	0*	0	0*	0	1.5	0	0	0	0	0	5.3	0*
13	0*	0	0	0	0	0	0	0	0	0	1.7	0*
14	0*	0	0	0	0	.09	0	0	0	0	.38	0*
15	0*	0	0	0	0	.76	0	0	0	.07	.01	0*
16	0*	0*	0	0	0	.09	.78	0	0	0	0	0*
17	0*	0*	0	0	0	.01	0	0	0	0	0	0*
18	0*	0	0	0	.16	.05	0	0	0	0	0	0*
19	0*	0	0	0	.06	0	0	0	0	0	0	0*
20	0*	0	0	0	0	.12	0	0	0	0	0	0*
21	0*	.03	0	0	0	.01	0	0	0	0	0	0*
22	0*	0	0*	0	0	0	0	0	0	0	1.6	0*
23	0*	.05	0*	0	0	0	0	0	0	0	.03	0*
24	0*	0	0*	0	.05	0	.99	0	0	0	3.6	0*
25	0*	0	0*	0	0	.03	.02	0	0	0	4.1	0*
26	0*	0	0*	0	0	.03	0	0	0	0	.14	0*
27	0*	0	0*	.13	0	0	0	0	0	0	.03	0*
28	0*	0	0*	0	0	0	0	0	0	0	.01	2.6
29	0*	0*	.53	0	-----	0	0	0	0	0	0	4.9
30	0*	0*	.23	0*	------	0	0	0	0	0	0	0
31	0*	------	0	0*	------	0	------	0	------	0	0	------
Total	0.12	0.08	0.76	2.35	2.72	1.19	1.79	0.56	0	0.07	19.36	7.5
Mean	.004	.003	.025	.076	.097	.038	.060	.018	0	.002	.62	.25
Max	.10	.05	.53	1.2	1.5	.76	.99	.55	0	.07	5.3	4.9
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	.24	.16	1.5	4.7	5.4	2.4	3.6	1.1	0	.14	38	15

Wtr Year	2005	Total	36.50	Mean	.10	Max	5.3	Min	0	Acre-Ft	72
Cal Year	2004	Total	11.93	Mean	.033	Max	2.5	Min	0	Acre-Ft	24

* Estimated

E042 Los Alamos above SR 4

Location. Lat 35°52'01", long 106°13'25", in SW 1/4 sec. 20, T. 19 N, R. 7 E, Santa Fe County, on right bank, 0.25 mi upstream from SR 4, 2.7 mi northwest of White Rock, NM, 3.9 mi east of Los Alamos, and 13.5 mi southwest of Española.

Drainage Area. 9.08 mi^2.

Period of Record. November 1970 to June 1971, October 1991 to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,383 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 11 yr, 0.28 ft^3/s, 203 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 171 ft^3/s, August 22, 1997, gage height 2.95 ft. No flow at times.

Extremes for Current Water Year. Maximum discharge 144 ft^3/s at 1505 h, August 24, gage height 2.82 ft. No flow most of time.

E042 Los Alamos above SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	.29	.41	4.2	.11	0	0	0
2	0	0	0	0	0	.36	.08	4.0	.03	0	0	0
3	0	0	0	.61	0	.20	.37	5.4	0	0	0	0
4	0	0	0	3.0	0	.24	.65	4.0	0	0	1.2	0
5	1.3	0	0	0	0	0	1.3	4.4	0	0	.01	0
6	0	0	0	0	0	0	2.2	6.0	0	0	0	0
7	0	0	0	0	0	0	2.8	6.8	0	0	0	0
8	0	0	0	0	0	0	3.7	7.6	0	0	0	0
9	0	0	0	0	0	0	5.2	7.4	0	0	0	0
10	0	0	0	0	0	0	5.8	7.1	0	0	0	0
11	1.6	0	0	0	.03	.16	5.2	7.0	0	0	0	0
12	0	0	0	0	4.1	.21	4.6	6.8	0	0	16	0
13	.05	0	0	0	1.8	2.2	3.3	5.9	0	0	1.8	0
14	0	0	0	0	3.0	4.7	3.7	5.3	0	0	.85	0
15	0	0	0	0	3.4	5.7	6.0	4.5	0	1.7	0	0
16	0		0	0	3.9	12	9.2	3.4	0	0	0	0
17	0	0	0	0	3.8	6.6	9.0	2.7	0	0	0	0
18	0	0	0	0	4.6	2.5	14	2.4	0	0	0	0
19	0	0	0	0	4.8	1.6	14	2.2	0	0	0	0
20	0	0	0	0	4.2	1.8	12	1.8	0	0	0	0
21	0	0	0	0	3.4	1.6	10	1.5	0	0	0	0
22	0	0	0	0	2.8	1.2	8.5	1.1	0	0	1.1	0
23	0	0	0	0	2.4	1.5	7.8	.89	0	0	0	0
24	0	0	0	0	2.3	1.0	12	.73	0	0	7.0	0
25	0	0	0	0	1.6	1.2	8.2	.61	0	0	3.3	0
26	0	0	0	0	1.3	1.4	7.7	.52	0	0	0	0
27	.13	0	0	0	1.2	1.1	7.0	.55	0	0	0	0
28	0	0	0	0	1.1	.72	6.4	.53	0	0	0	2.3
29	0	0	0	0	------	.63	6.0	.39	0	0	0	8.0
30	0	0	.31	0	------	.54	5.4	.27	0	0	0	0
31	0	------	0	0	------	.60	------	.19	------	0	0	------
Total	3.08	0	0.31	3.61	49.73	50.05	182.51	106.18	0.14	1.7	31.26	10.3
Mean	.099	0	.010	.12	1.78	1.61	6.08	3.43	.005	.055	1.01	.34
Max	1.6	0	.31	3.0	4.8	12	14	7.6	.11	1.7	16	8.0
Min	0	0	0	0	0	0	.08	.19	0	0	0	0
Acre-Ft	6.1	0	.61	7.2	99	99	362	211	.28	3.4	62	20

Wtr Year	2005	Total	438.87	Mean	1.21	Max	16	Min	0	Acre-Ft	870
Cal Year	2004	Total	76.68	Mean	.21	Max	4.8	Min	0	Acre-Ft	152

* Estimated

E050 Los Alamos below LA Weir

Location. Lat 35°86'71.6", long 106°21'7.4", Easting 1650066.300, Northing 1770912.00, SE 1/4, NE 1/4, sec. 20, T. 19N, R. 7E, on right bank, 200 ft downstream from Los Alamos Weir, beside SR 4, 2.7 mi northwest of White Rock, NM.

Drainage Area. 9.2 mi^2 (approximate).

Period of Record. May 2001 to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 6,335 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good, except for estimated daily discharges, which are fair. Flows partially regulated by broad-crested weir 200 ft upstream.

Extremes for Period of Record. Maximum discharge 48 ft^3/s August 24, 2005, gage height 1.63 ft. No flow most of time.

Extremes for Current Year. Maximum discharge 48 ft^3/s at 1520 h, August 24, gage height 1.63 ft. No flow most of time.

E050 Los Alamos below LA Weir

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	0	0	0	0	.80*	2.4	5.4	0	0	0	0
2	0*	0	0	0	0	.60*	2.8	5.2	0	0	0	0
3	0*	0	0	.15	0	.48	2.9	5.6	0	0	0	0
4	0*	0	0	2.4	0	.43	3.0	5.3	0	0	.35	0
5	.35*	0	0	0	0	.40	3.1	5.5	0	0	.04	0
6	0*	0	0	0	0	.46	3.2	6.3	0	0	0	0
7	0*	0	0	0	0	.41	3.3	6.4	0	0	0	0
8	0*	0	0	0	0	.40	3.4	6.5	0	0	0	0
9	0*	0	0	0	0	.43	3.5	6.5	0	0	0	0
10	0*	0	0	0	0	.61	3.6	6.5	0	0	0	0
11	.50*	0	0	0	.16	.89	3.8	6.4	0	0	.09	0
12	0	0	0	0	3.1	.84	3.7	6.3	0	0	3.3	0
13	.02	0	0	0	1.6	1.9	3.6	6.0	0	0	.75	0
14	0	0	0	0	2.3	2.9	3.8	5.8	0	0	.89	0
15	0	0	0	0	2.3*	2.6	4.6	5.4	0	.61	0	0
16	0	0	0	0	2.3*	2.5	5.8	4.6	0	.03	0	0
17	0	0	0	0	3.5*	2.5	5.8	3.8	0	.02	0	0
18	0	0	0	0	4.0*	2.4	8.3	3.5	0	0	0	0
19	0	0	0	0	4.0*	2.4	8.4	3.1	0	0	0	0
20	0	0	0*	0	3.8*	2.6	7.4	2.6	0	0	0	0
21	0	0	0*	0	3.7*	2.7	6.6	2.1	0	0	0	0
22	0	0	0	0	2.7*	2.6	6.0	1.6	0	0	.69	0
23	0	0	0	0	2.3*	2.8	5.9	1.2	0	0	.01	0
24	0	0	0	0	2.0*	2.5	6.6	.95	0	0	2.5	0
25	0	0	0	0	1.4*	2.6	5.6	.73	0	0	2.2	0
26	0	0	0	0	1.0*	2.8	5.6	.57	0	0	.04	0
27	.01	0	0	0	.90*	2.7	6.0	.42	0	0	0	0
28	0	0	0	0	.90*	2.5	6.3	.36	0	0	0	1.7
29	0	0	.01	0	------	2.4	6.2	.23	0	0	0	6.6
30	0	0	.17	0	------	2.4	5.9	.08	0	0	0	.03
31	0	------	0	0	------	2.3	------	.04	------	0	0	------
Total	0.88	0	0.18	2.55	41.96	54.85	147.1	114.98	0	0.66	10.86	8.33
Mean	.028	0	.006	.082	1.50	1.77	4.90	3.71	0	.021	.35	.28
Max	.50	0	.17	2.4	4.0	2.9	8.4	6.5	0	.61	3.3	6.6
Min	0	0	0	0	0	.40	2.4	.04	0	0	0	0
Acre-Ft	1.7	0	.36	5.1	83	109	292	228	0	1.3	22	17

Wtr Year	2005	Total	382.35	Mean	1.05	Max	8.4	Min	0	Acre-Ft	758
Cal Year	2004	Total	55.04	Mean	.15	Max	4.3	Min	0	Acre-Ft	109

* Estimated

E055 Pueblo above Acid

Location. Lat. 35°53'20", long. 106°18'14", on left bank, 100 ft above mouth of Acid Canyon, NE 1/4, SW 1/4, Sec. 9, T 19 N, R 6 E, Los Alamos County, 0.75 mi. downstream from Diamond Drive and 1.0 mi. south of Los Alamos County Golf Course.

Drainage Area. 3.42 mi^2

Period of Record. October 1, 2002, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 6,965 ft. above *NGVD* from topographic map.

Remarks. Water discharge records fair to poor.

Extremes Outside Period of Record. Maximum discharge 1,600 ft^3/s (from slope-area computation), July 2, 2001, gage height 7.3 ft (from floodmark). No flows most of time.

Extremes for Period of Record. Maximum discharge 1,180 ft^3/s at 1530 h, August 23, gage height 6.64 ft. No flow most of time.

Extremes for Current Year. Maximum discharge 123 ft^3/s, at 2030 h, August 13, gage height 3.69 ft. No flow most of time.

E055 Pueblo above Acid

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.04	0*	.72	.47	.98	.56	.82	.90	.07	0*	0*	1.0
2	.03	0*	.59	.49	.89	.54	.81	.69	0*	0*	0*	1.0
3	.04	0*	.52	1.5	.90	.51	.82	.74	0*	0*	0*	.98
4	.04	0*	.46	2.3	.83	.48	.81	.50*	0*	0*	.03*	.98
5	1.5	0*	.40	.73	.78	.47	.82	.33	0*	0*	0*	.99
6	.09	0*	.41	.66	1.0	.47	.82	.32	0*	0*	0*	.98
7	.04	0*	.40	.64	.88	.45	.84	.30	0*	0*	0*	1.4
8	0*	0*	.41	.52	.84	.43	.85	.29	0*	0*	0*	1.1
9	0*	0*	.43	.59	2.0	.41	.86	.29	0*	0*	0*	.95
10	.06*	0*	.44	.53	3.4	.40	.91	.26	0*	0*	0*	.87
11	0*	0*	.47	.54	1.7	.41	.90	.23	0*	0*	.82	.82
12	0*	0*	.47	.54	6.6	.40	.91	.22	0*	0*	3.8	.77
13	0*	0*	.50	.59	4.0	.42	.96	.22	0*	0*	6.6	.72
14	0*	0*	.50	.53	2.8	.59	.98	.22	0*	0*	6.9	.66
15	0*	0*	.51	.70	2.0	.61	.97	.24	0*	1.7	4.6	.63
16	0*	0*	.53	.66	1.9	1.5	1.5	.23	0*	.32	3.1	.62
17	0*	0*	.54	.68	1.5	.60	.72	.22	0*	0*	2.5	.59
18	0*	0*	.88	.61	2.1	.57	.73	.21	0*	0*	2.2	.45
19	0*	0*	.62	.55	2.5	.62	.75	.20	0*	0*	2.2	.39
20	.07*	0*	.63	.56	1.7	.90	.76	.20	0*	0*	2.1	.28
21	.07	.18	.47	.66	1.1	.86	.77	.18	0*	0*	2.4	.28
22	0*	.16	.28	.66	.91	.84	.78	.15*	0*	.34*	3.0	.34
23	0*	.19	.68	.90	.84	.71	.80	.12	0*	.76	2.2	.75
24	0*	.19	.81	.78	.90	.66	.99	.07	0*	.48	4.7	.69
25	0*	.20	2.2	.78	.76	.76	.82	.08	0*	.38	2.4	.66
26	0*	.23	2.1	.82	.68	.80	.84	.08	0*	.43	1.8	.59
27	.08*	.24	.61	.87	.63	.70	.85	.09	0*	0*	1.5	.49
28	0*	.25	.30	.71	.60	.70	.86	.10	0*	0*	1.3	1.9
29	0*	.28	.91	.79	------	.77	.87	.11	0*	0*	1.2	4.9
30	0*	.41	.68	1.3	------	.85	.89	.11	0*	0*	1.2	1.5
31	0*	------	.52	1.0	------	.83	------	.10	------	0*	1.1	------
Total	2.06	2.33	19.99	23.66	45.72	19.82	26.01	8.00	0.07	4.41	57.65	28.28
Mean	.066	.078	.64	.76	1.63	.64	.87	.26	.002	.14	1.86	.94
Max	1.5	.41	2.2	2.3	6.6	1.5	1.5	.90	.07	1.7	6.9	4.9
Min	0	0	.28	.47	.60	.40	.72	.07	0	0	0	.28
Acre-Ft	4.1	4.6	40	47	91	39	52	16	.14	8.7	114	56

Wtr Year	2005	Total	238.00	Mean	.65	Max	6.9	Min	0	Acre-Ft	472
Cal Year	2004	Total	140.92	Mean	.39	Max	53	Min	0	Acre-Ft	280

* Estimated

E0555 South Fork Acid Canyon

Location. Lat. 35°53'10", long. 106°18'SE 1/4, SW 1/4, Sec. 9, T 19 N, R 6 E, Los Alamos County, on left bank, 0.6 mi. NW of county swimming pool, 1.2 mi from junction of Diamond Drive and Canyon Road.

Drainage Area. 0.08 mi^2.

Period of Record. August 18, 2002, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,100.4 ft. above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Extremes Outside Period of Record. Maximum discharge 1,600 ft^3/s (from slope-area computation), July 2, 2001, gage height 7.3 ft (from floodmark). No flows most of time.

Extremes for Period of Record. Maximum discharge 17 ft^3/s, August 24, 2005, gage height 5.34 ft. No flow most of time. Extremes for 2004 Water Year (Partial). Maximum discharge 9.8 ft^3/s, at 18.05 h, September 27, gage height, 5.10 ft. No flow most of time.

Extremes for Current Year. Maximum discharge 17 ft^3/s, at 1635 h, August 24, gage height 5.34 ft. No flow most of time.

E0555 South Fork Acid Canyon

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2003 to September 2004

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1												0
2												0
3												0
4												.01
5												0
6												0
7												0
8												0
9												0
10												0
11												0
12												0
13												.01
14												0
15												0
16												0
17												0
18											.24	0
19											.01	.02
20											.04	0
21											.01	0
22											0	0
23											0	0
24											0	0
25											0	.04
26											0	0
27											0	.12
28											0	0
29											0	0
30					------						0	0
31		------			------		------		------		0	------
Total											0.30	0.20
Mean											.021	.007
Max											.24	.12
Min											0	0
Acre-Ft											.60	.40

Wtr Year	2004	Total	0.50	Mean	.011	Max	.24	Min	0	Acre-Ft	.99
Cal Year	2003	Total		Mean		Max		Min		Acre-Ft	

E0555 South Fork Acid Canyon

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	.01	0	0	0	.01	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	.02
3	0	0	0	.25	.10	0	0	.06	0	0	0	0
4	0	0	0	.09	0	0	0	0	0	0	.12	0
5	.05	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	.02
7	0	0	0	0	.01	0	0	0	0	0	0	.01
8	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	.16	0	0	0	0	0	0	0
10	0	0	0	0	.02	0	0	0	0	0	0	0
11	.08	0	0	0	.11	0	0	0	0	0	.06	0
12	0	.04	0	0	.10	0	0	0	0	0	.55	0
13	0	.01	0	0	0	0	0	0	0	0	.13	0
14	0	0	0	0	0	.09	0	0	0	0	.01	0
15	0	0	0	0	0	.01	0	0	0	.13	.01	0
16	0	0	0	0	0	0	.08	0	0	0	.01	0
17	0	0	0	0	0	.05	0	0	0	0	.01	0
18	0	0	0	0	.03	0	0	0	0	0	0	0
19	0	0	0	0	.01	0	0	0	0	0	0	0
20	0	.01	0	0	0	.01	0	0	0	.01	0	0
21	0	.02	0	0	0	0	0	0	0	0	0	0
22	0	.01	0	0	0	0	0	0	0	0	.05	.01
22	0	.01	0	0	0	0	0	0	0	0	.05	.01
24	0	0	0	0	.01	0	.11	0	0	0	.57	0
25	.02	0	0	0	0	.01	.01	0	0	0	.12	0
26	0	0	0	0	0	0	.01	0	0	0	0	0
27	.04	0	0	.03	0	0	.01	0	0	0	0	0
28	0	0	0	.15	0	0	.01	0	0	0	0	.27
29	0	0	.43	0	------	0	0	0	0	0	0	.38
30	0	0	.28	.11	------	0	0	0	0	0	0	0
31	0	------	.02	.01	------	0	------	0	------	0	0	------
Total	0.19	0.10	0.73	0.65	0.55	0.17	0.23	0.07	0	0.14	1.65	0.71
Mean	.006	.003	.024	.021	.020	.006	.008	.002	0	.005	.053	.024
Max	.08	.04	.43	.25	.16	.09	.11	.06	0	.13	.57	.38
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	.38	.20	1.4	1.3	1.1	.34	.46	.14	0	.28	3.3	1.4

Wtr Year	2005	Total	5.19	Mean	.014	Max	.57	Min	0	Acre-Ft	10
Cal Year	2004	Total	1.52	Mean	.011	Max	.43	Min	0	Acre-Ft	3.0

E060 Pueblo above SR 502

Location. Lat 35°52'50", long 106°13'1", in NE 1/4 sec. 20, T. 19 N, R. 7 E, Santa Fe County, on right bank, 100 yd east of SR maintenance yard, 200 ft north of SR 502, and 4.2. mi east of Los Alamos.

Drainage Area. 6.94 mi^2.

Period of Record. January 1992 to September 30, 2005.

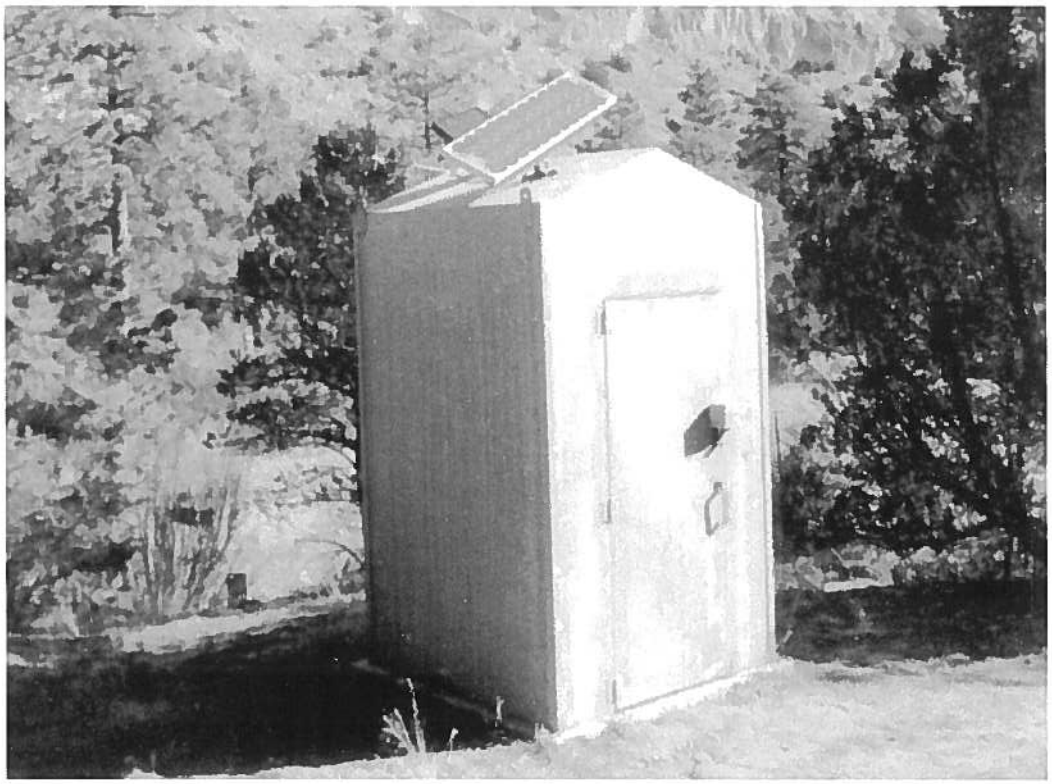
Gage. Data logger with cellular telemetry. Elevation of gage is 6,356 ft above *NGVD* from GPS survey.

Remarks. Records fair. No diversion above station. Perennial flow is primarily from effluent.

Average Discharge. 11 yr, 0.95 ft^3/s, 688 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 1,440 ft^3/s, July 2, 2001, gage height 10.46 ft from floodmarks, from rating curve extended above 130 ft^3/s on basis of slope-area measurement. No flow at times.

Extremes for Current Water Year. Maximum discharge 116 ft^3/s at 0040 h, August 14, gage height 8.91 ft. No flow at times.



E060 Pueblo above SR-502

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.4	.58	.48	5.6	.52	.41	.28	.21	0	0	0	.35
2	.97	.90	.54	2.0	.50	.41	.30	.22	0	0	0	1.3
3	1.2	.58	.61	.41	.47	.41	.24	.44	0	0	0	1.5
4	1.4	.56	.65	1.5	.48	.41	.25	.19	0	0	0	1.5
5	14	.19	.49	.69	.48	.39	.14	.08	0	0	.30	1.8
6	1.1	.24	.49	.55	.50	.44	.16	.03	0	0	0	2.1
7	.17	.60	.47	.51	.51	.41	.18	.04	0	0	.01	2.0
8	.65	.29	.50	.47	.48	.46	.18	.05	0	0	.01	2.1
9	.59	.40	.52	.49	.47	.43	.19	.13	0	0	0	2.0
10	.88	.35	.50	.45	.42	.42	.30	0	0	0	0	2.1
11	5.3	.51	.50	.48	.50	.41	.40	0	0	0	0	1.5
12	.85	.84	.45	.48	3.2	.38	.28	.02	0	0	1.3	1.6
13	.63	.85	.51	.45	1.0	.42	0	0	0	0	.61	.65
14	.54	.81	.34	.43	.55	.60	.11	0	0	0	7.3	.72
15	.49	.52	.41	.40	.45	.55	.13	.04	0	0	.48	1.0
16	.50	.46	.38	.41	.42	.51	.08	.01	0	0	.38	1.6
17	.53	.29	.36	.42	.40	.55	.30	0	0	0	1.5	.87
18	.53	.30	.51	.45	.45	.54	.34	.02	0	0	2.0	1.4
19	.47	.30	.46	.43	.53	.55	.11	0	0	0	1.8	1.3
20	.55	.50	.43	.43	.42	.58	.08	0	0	0	.91	.52
21	.50	.48	.47	.43	.36	.63	.05	0	0	0	1.8	.45
22	.52	.51	.39	.41	.46	.28	.03	0	0	0	2.7	.46
23	.53	.53	.72	.44	.42	.23	.04	0	0	0	2.9	1.4
24	.56	.41	.97	.42	.44	.16	.45	0	0	0	6.7	1.4
25	.15	.36	1.1	.42	.44	.44	.42	0	0	0	3.0*	1.1
26	.34	.27	1.3	.43	.43	.50	.23	0	0	0	2.2	1.3
27	.71	.30	.63	.52	.43	.49	.17	0	0	0	1.8	.95
28	.65	.31	.63	.49	.40	.44	.17	0	0	0	1.6	2.1
29	.56	.39	.67	.48	------	.17	.17	.06	0	0	1.9	8.0
30	.69	.36	1.8	.54	------	.23	.07	.02	0	0	1.4	2.8
31	.92	------	.78	.53	------	.28	------	.01	------	0	.29	------
Total	38.88	13.99	19.06	22.16	16.13	13.13	5.85	1.57	0	0	42.89	47.87
Mean	1.25	.47	.61	.71	.58	.42	.20	.051	0	0	1.38	1.60
Max	14	.90	1.8	5.6	3.2	.63	.45	.44	0	0	7.3	8.0
Min	.15	.19	.34	.40	.36	.16	0	0	0	0	0	.35
Acre-Ft	77	28	38	44	32	26	12	3.1	0	0	85	95

Wtr Year	2005	Total	221.53	Mean	.61	Max	14	Min	0	Acre-Ft	439	
Cal Year	2004	Total	361.28	Mean	.99	Max	34	Min	0	Acre-Ft	717	

E121 Sandia Right Fork at Power Plant

Location. Lat. 35°52'31", Long. 106°19'7", NW 1/4, SW 1/4, sec. 16, T. 19 N., R. 6 E., Los Alamos County, on left bank 300 ft downstream from power plant, and 0.5 mi north of East Jemez Road.

Drainage Area. 0.05 mi^2.

Period of Record. June 6, 2002, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,292, ft above *NGVD* from GPS survey.

Remarks. Water discharge records good. Records for this site existed before this published period but are not reliable.

Extremes for Period of Record. Maximum discharge 191 ft^3/s, June 21, 2002, from peak-flow computation, gage height 8.13 ft, minimum daily 0.17 ft^3/s, December 9, 2003.

Extremes for Current Year. Maximum discharge 111 ft^3/s at 1510 h, July 15, gage height 7.56 ft. Minimum daily 0.19, Oct 6.

E121 Sandia Right Fork at Power Plant

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.25	.30	.34	.50	.70	.42	.39	.59	.44	.49	.62	.74
2	.23	.35	.66	.47	.51	.60	.46	.57	.44	.50	.46	.71
3	.56	.32	.60	.87	.44	.50	.50	.70	.42	.48	.63	.54
4	.24	.31	.55	.72	.49	.42	.48	.59	.42	.49	1.3	.53
5	.55	.27	.69	.68	.85	.51	.26	.47	.46	.51	.73	.53
6	.30	.37	.61	.69	.46	.43	.34	.46	.43	.50	.57	.64
7	.40	.24	.55	.51	.61	.50	.51	.60	.43	.52	.68	.78
8	.23	.29	.62	.44	.53	.59	.39	.46	.43	.54	.69	.69
9	.19	.26	.50	.68	.78	.33	.49	.52	.41	.56	.67	.69
10	.35	.33	.41	.38	.52	.43	.44	.47	.45	.57	.61	.45
11	.66	.35	.65	.73	.73	.50	.52	.51	.48	.61	.82	.46
12	.41	.32	.34	.51	.87	.52	.41	.51	.43	.67	2.7	.40
13	.27	.34	.68	.45	.74	.52	.35	.51	.47	.57	1.1	.35
14	.39	.41	.50	.52	.62	.71	.59	.50	.49	.51	.86	.73
15	.21	.40	.69	.35	.75	.57	.43	.53	.46	3.4	.86	.93
16	.19	.42	.45	.44	.59	.60	.94	.59	.49	.54	.93	.69
17	.30	.48	.58	.59	.55	.60	.54	.59	.42	.51	.88	.30
18	.36	.26	.54	.46	.73	.51	.64	.45	.43	.50	.87	.24
19	.25	.48	.68	.42	.62	.53	.49	.46	.46	.50	.91	.25
20	.26	.44	.38	.43	.59	.53	.53	.53	.47	.67	.84	.27
21	.33	.57	.38	.56	.56	.44	.53	.51	.49	.42	.93	.64
22	.27	.39	.63	.49	.59	.54	.68	.50	.48	.56	1.2	.76
23	.44	.66	.51	.49	.45	.47	.43	.50	.46	.51	.88	1.0
24	.26	.36	.63	.53	.69	.43	.98	.43	.52	.55	3.5	.79
25	.26	.61	.28	.66	.41	.43	.53	.50	.50	.59	.68	.60
26	.25	.46	.44	.39	.45	.53	.61	.43	.45	.49	.75	.47
27	.51	.48	.59	.62	.41	.45	.52	.51	.53	.59	.85	.71
28	.21	.40	.34	.26	.54	.46	.52	.42	.48	.51	.71	2.3
29	.28	.64	.59	.51	-----	.24	.58	.43	.49	.49	.85	1.7
30	.41	.67	.84	.56	------	.44	.60	.41	.51	.45	.58	1.5
31	.20	------	.38	.57	------	.51	------	.49	------	.46	.72	------
Total	10.02	12.18	16.63	16.48	16.78	15.26	15.68	15.74	13.84	19.26	29.38	21.39
Mean	.32	.41	.54	.53	.60	.49	.52	.51	.46	.62	.95	.71
Max	.66	.67	.84	.87	.87	.71	.98	.70	.53	3.4	3.5	2.3
Min	.19	.24	.28	.26	.41	.24	.26	.41	.41	.42	.46	.24
Acre-Ft	20	24	33	33	33	30	31	31	27	38	58	42

Wtr Year	2005	Total	202.64	Mean	.56	Max	3.5	Min	.19	Acre-Ft	402
Cal Year	2004	Total	192.91	Mean	.53	Max	1.5	Min	.19	Acre-Ft	383

E123 Sandia below Wetlands

Location. Lat 35°52'23.0", long 106°18'35.3", SW 1/4 SE 1/4 sec. 14, T. 19 N, R. 6 E, 0.15 mi behind Los Alamos County Landfill off Jemez Road, and 0.80 mi downstream from Diamond Drive.

Drainage Area. 0.45 mi^2.

Period of Record. August 1, 1999, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,204 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 5 yr, 0.64 ft^3/s, 464 acre-ft/year.

Extremes for Period of Record. Maximum discharge 88 ft^3/s, August 23, 2003, gage height 4.23 ft; minimum daily 0.08 ft^3/s, June 22, 2003.

Extremes for Current Water Year. Maximum discharge 85 ft^3/s at 1600 h, July 15, gage height 4.38 ft; minimum daily 0.15 ft^3/s, December 26.

E123 Sandia below Wetlands

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.58	.74	.15	.63	1.3	.56	.44	1.0	.56	.32*	.81	.77
2	.50	.93	.91	.59	.92	.89	.83	.97	.38	.32*	.54	.71
3	2.1	.79	.77	3.4	.77	.62	1.1	2.3	.27	.32*	.62	.48
4	.48	.75	.59	3.7	.58	.45	.93	1.3	.35	.32*	1.5	.44
5	3.0	.48	.90	1.4	1.8	.95	.20	.84	.65	.32*	.91	.45
6	.95	.93	.73	1.2	.37	.59	.36	.44	.53	.32*	1.0	.99
7	1.3	.45	.63	.66	1.1	.85	.99	1.0	.31	.43	1.1	1.2
8	.54	.54	.88	.54	.66	1.2	.46	.97	.70*	.56	.51	.62
9	.37	.39	.56	1.2	1.4	.31	.76	.85	.32*	.52	1.1	.55
10	1.0	.62	.30	.36	.83	.44	.65	.70	.38*	.50	.67	.63
11	4.2	.71	1.1	1.3	3.2	.61	.86	.78	.38*	.73	1.6	.68
12	1.4	.60	.19	.74	4.7	.89	.56	1.1	.32*	1.5	4.3	.48
13	.98	.73	.98	.49	1.7	.81	.52	.92	.34*	.62	3.9	.54
14	1.0	.75	.52	.68	1.0	2.2	1.0	.73	.34*	.16	1.4	.62
15	.49	.60	1.0	.47	1.3	1.0	.53	.80	.34*	3.7	.65	.82
16	.40	.88	.45	.56	1.1	1.4	2.8	1.2	.35*	.80	.64	.57
17	.80	.89	.95	.96	.84	1.2	1.0	1.3	.31*	.57	.77	.24
18	.94	.26	.69	.67	2.0	1.2	1.6	.70	.33*	.81	.66	.65
19	.50	.87	1.1	.50	1.5	.85	.69	.53	.36*	.67	.89	.56
20	.61	1.1	.30	.56	1.0	1.4	.89	.76	.37*	.96	1.1	.54
21	.84	1.7	.41	.85	.88	.86	1.0	.77	.37*	.30	.59	.48
22	.57	.59	.93	.65	1.0	1.1	1.6	.79	.35*	.68	2.0	1.1
23	1.3	1.5	.81	.78	.66	1.2	.80	.56	.35*	.81	.67	.91
24	.58	.34	2.0	.77	1.9	.91	4.3	.35	.36*	.53	3.5	.75
25	.90	.86	.50	1.3	.68	1.1	1.1	.70	.38*	.81	2.2	.70
26	.60	.57	1.4	.75	.67	1.6	1.1	.23	.33*	.44	.86	.71
27	2.4	.57	1.3	1.8	.50	1.0	.86	.80	.35*	.77	.93	.50
28	.40	.35	.30	.30	.95	.91	.31	.40	.31*	.48	.79	5.0
29	.65	.89	2.5	.83	------	.29	.93	.27	.32*	.54	1.1	9.4
30	1.2	.96	2.3	1.1	------	.63	.66	.28	.33*	.56	.57	1.1
31	.35	------	.37	1.4	------	1.3	------	.55	------	.69	.70	------
Total	31.93	22.34	26.52	31.14	35.31	29.32	29.83	24.89	11.34	21.06	38.58	33.19
Mean	1.03	.74	.86	1.00	1.26	.95	.99	.80	.38	.68	1.24	1.11
Max	4.2	1.7	2.5	3.7	4.7	2.2	4.3	2.3	.70	3.7	4.3	9.4
Min	.35	.26	.15	.30	.37	.29	.20	.23	.27	.16	.51	.24
Acre-Ft	63	44	53	62	70	58	59	49	22	42	77	66

Wtr Year	2005	Total	335.45	Mean	.92	Max	9.4	Min	.15	Acre-Ft	665
Cal Year	2004	Total	269.26	Mean	.74	Max	4.2	Min	.15	Acre-Ft	534

*Estimated

E125 Sandia above SR 4

Location. Lat 35°51'32", long 106°13'34", SE 1/4 SW 1/4 sec. 20, T. 19 N, R.7 E, Santa Fe County, on right bank 0.25 mi north of East Jemez Road and 0.5 mi upstream from SR 4.

Drainage Area. 2.52 mi^2.

Period of Record. October 1, 1994, to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,498 ft. above *NGVD* from GPS survey.

Remarks. Water discharge records fair.

Average Discharge. 11 yr, 0.001 ft^3/s, 0.72 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 18 ft^3/s, August 28, 2002, gage height 2.01 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 5.5 ft^3/s at 1365 h, September 29, gage height 1.52 ft. No flow most of time.

E125 Sandia above SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0*	0*	0	0	0	0	0	0	0	0	0	0
11	0*	0*	0	0	0	0	0	0	0	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	0	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	.15
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	0	0	0	0	0.15
Mean	0	0	0	0	0	0	0	0	0	0	0	.005
Max	0	0	0	0	0	0	0	0	0	0	0	.15
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	0	0	0	0	0	.30

Wtr Year	2005	Total	0.15	Mean	0	Max	.15	Min	0	Acre-Ft	.30
Cal Year	2004	Total	0.01	Mean	0	Max	.01	Min	0	Acre-Ft	.02

* Estimated

E200 Mortandad below Effluent Canyon

Location. Lat 35°51'55", long 106°17'46", SW 1/4 NE 1/2 sec. 22, T. 19 N, R. 6 E, Los Alamos County, 0.25 mi north of LANL TA-50, 0.25 mi below TA-50 outfall, and 0.6 mi north of Pajarito Road.

Drainage Area. 0.49 mi^2.

Period of Record. May 10, 1995, to September 30, 2005.

Gage. Data logger with cellular telemetry and steel "fabricated" nonstandard flume as low-water control. Elevation of gage is 7,062.50 ft above *NGVD* from survey.

Remarks. Water discharge records fair, except for estimated daily discharges, which are poor. Flow is mostly effluent from LANL TA-50, liquid radiological waste plant.

Average Discharge. 11 yr, 0.05 ft^3/s, 36 acre-ft/yr.

Extremes outside Period of Record. Flow of 34 ft^3/s occurred August 19, 1970, gage height 3.07 ft, from old data files of USGS.

Extremes for Period of Record. Maximum discharge 49 ft^3/s, June 27, 2001, gage height 3.26 ft. No flow at times.

Extremes for Current Water Year. Maximum discharge 14 ft^3/s at 1535 h, July 15, gage height 2.24 ft. No flow at times.

E200 Mortandad below Effluent Canyon

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.03	.03	.01	.02	.03*	.02	.02	.01	.03	0	.12
2	.01	.03	.04	.01	.05	.05	.02	.04	0	0	0	.14
3	.08	.01	.96	.59	.02	.02	.02	.20	0	0	0	.08
4	.05	.01	.01	1.6	.01	.02	.04	.07	0	0	.04	.12
5	.50	.01	.01	.12	.01	.02	.02	.02	0	.03	.01	.25
6	.07	.01	.01	.08	.02	.04	.04	.02	.02	0	.01	.23
7	.02	.01	.03	.02	.03	.07	.02	.01	.03	0	0	.19
8	.01	.01	.03	.02	.05	.05	.02	.01	.03	0	.08	.25
9	.01	.01	.01	.02	.02	.02	.02	.04	0	0	.09	.10
10	.01	.01	.01	.03	.02	.04	.02	.01	.03	0	.01	.08
11	.94	.01	.01	.08	.66*	.02	.04	.04	0	.03	.15	.07
12	.10	.01	.01	.06	2.8*	.02	.02	.01	0	0	1.1	.07
13	.13	.01	.03	.04	.38*	.02	.02	.01	.03	0	.68	.01
14	.04	.01	.01	.01	.19*	.06	.04	.01	0	.03	.59	.02
15	.02	.01	.03	.01	.18*	.04	.02	.01	0	1.5	.05	.01
16	.02	.03	.03	.01	.28*	.08	.25	.03	.03	.16	.05	0
17	.02	.01	.01	.01	.13*	.06	.04	.01	0	.03	.04	0
18	.06	.01	.01	.03	.49*	.14	.02	.01	0	.01	.01	.01
19	.01	.01	.01	.01	.38*	.17	.05	.03	0	.03	.01	.03
20	.01	.04	.03	.01	.15*	.27	.02	.03	.03	.09	.01	.03
21	.03	.06	.01	.01	.08	.16	.01	.01	0	.01	.01	.01
22	.01	.05	.03	.01	.10*	.09	.02	.01	0	.01	.76	.05
23	.01	.08	.01	.01	.07*	.05	.01	.03	0	.01	.10	.02
24	.01	.04	.01	.03	.09*	.07	.54	.01	.03	.01	1.3	.01
25	.08	.01	.01	.01	.05*	.07	.16	.03	0	.01	1.4	.01
26	.03	.01	.01	.01	.06*	.11	.04	.03	0	.01	.41	.03
27	.18	.01	.01	.10	.05*	.06	.02	.03	.03	.01	.15	.03
28	.02	.01	.01	.05	.03*	.07	.02	.02	0	0	.11	1.2
29	.02	.01	.22	.03	------	.03	.02	.01	0	0	.09	2.8
30	.01	.03	.11	.06	------	.03	.01	.01	0	0	.10	.15
31	.01	------	.02	.03	------	.02	------	.03	------	0	.11	------
Total	2.53	0.60	1.77	3.12	6.42	2.00	1.61	0.85	0.27	2.01	7.47	6.12
Mean	.082	.020	.057	.10	.23	.065	.055	.027	.009	.065	.24	.20
Max	.94	.08	.96	1.6	2.8	.27	.54	.20	.03	1.5	1.4	2.8
Min	.01	.01	.01	.01	.01	.02	.01	.01	0	0	0	0
Acre-Ft	5.0	1.2	3.5	6.2	13	4.0	3.2	1.7	.54	4.0	15	12

Wtr Year	2005	Total	34.75	Mean	.095	Max	2.8	Min	0	Acre-Ft	69
Cal Year	2004	Total	11.45	Mean	.031	Max	.96	Min	0	Acre-Ft	23

* Estimated

E2015 Ten Site above Mortandad

Location. Lat. 35°51'38", long. 106°16'30", NW 1/4, SE 1/4, sec .23, T 19 N., R. 6 E., Los Alamos County, on left bank 0.25 mi upstream from E202, and 2.8 mi upstream from SR 4.

Drainage Area. 0.31 mi^2.

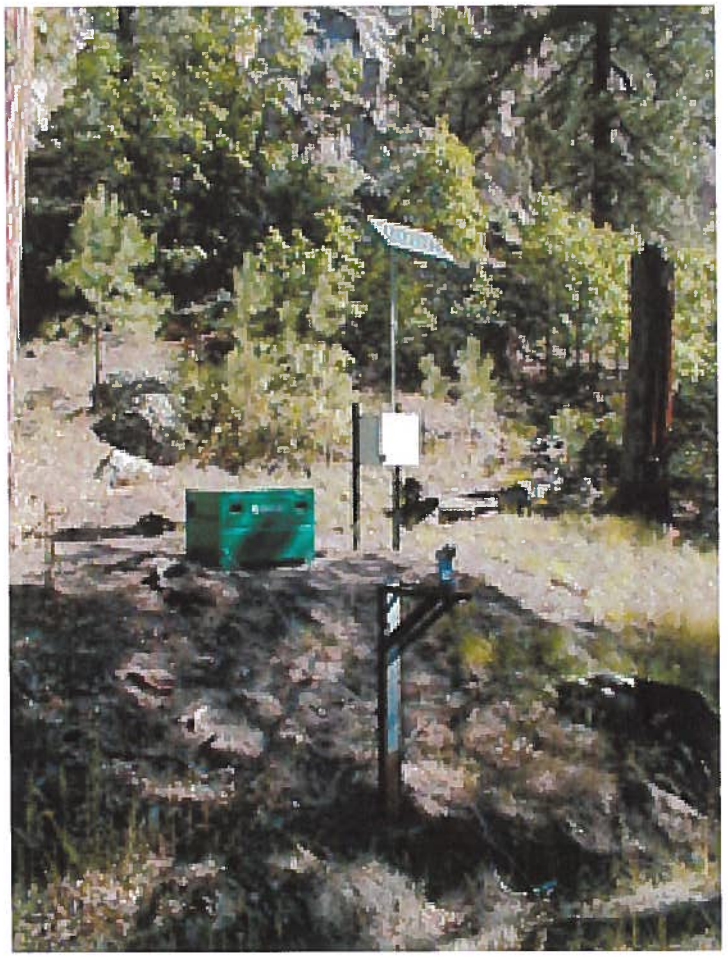
Period of Record. October 2000 to September 30, 2005.

Gage. Data logger with cellular telemetry and 90° sharp-crested weir. Elevation of gage is 6,861 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 52 ft^3/s June 16, 2000, gage height 3.96 ft. No flow most of time.

Extremes for Current Year. Maximum discharge 11.0 ft^3/s at 1420 h, August 24, gage height 3.10 ft. No flow most of time.



E2015 Ten Site above Mortandad

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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*	.20	0*	0*	0	0	0	0	0	0	0
4	.01*	0*	0*	0*	0*	0	0	0	0	0	0	0
5	.16*	0*	0*	0*	0*	0	0	0	0	0	0	0
6	0*	0*	0*	0*	0*	0	.04	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	0	0	0	0*
12	0*	0*	0*	0*	0*	0	0	0	0	0	0	0*
13	0*	0*	0*	0*	.04*	0	0	0	0	0	0	0*
14	0*	0*	0*	0*	0*	0	0	0	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*	.06	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	.55	0*
25	0*	0*	0*	0*	0	0	0	0	0	0	.08	0*
26	0*	0*	0*	0*	0	0	0	0	0	0	0	0*
27	.03*	0*	0*	0*	0	0	0	0	0	0	0	0*
28	0*	0*	0*	0*	0	0	0	0	0	0	0	.35*
29	0*	0*	0*	0*	-----	0	0	0	0	0	0	.75*
30	0*	0*	0*	0*	-----	0	0	0	0	0	0	0*
31	0*	-----	0*	0*	-----	0	-----	0	-----	0	0	-----
Total	0.20	0.06	0.20	0	0.04	0	0.04	0	0	0	0.63	1.10
Mean	.007	.002	.007	0	.001	0	.001	0	0	0	.020	.037
Max	.16	.06	.20	0	.04	0	.04	0	0	0	.55	.75
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	.40	.12	.40	0	.08	0	.08	0	0	0	1.2	2.2

Wtr Year	2005	Total	2.27	Mean	.006	Max	.75	Min	0	Acre-Ft	4.5
Cal Year	2004	Total	0.48	Mean	.001	Max	.20	Min	0	Acre-Ft	.95

* Estimated

E202 Mortandad above Sediment Traps

Location. Lat 35°51'39", long 106°16'15", NE 1/4 SW 1/4 sec. 23, T. 19 N, R. 6 E, Los Alamos County, 4.3 mi upstream from SR 4.

Drainage Area. 0.81 mi^2.

Period of Record. October 1, 1997, to September 30, 2005.

Gage. Data logger with cellular telemetry and 2.5-ft Parshall flume. Elevation of gage is 6,833.06 ft above *NGVD* from land survey.

Remarks. Water discharge records fair, except for periods of estimated records, which are poor.

Average Discharge. 9 yr, zero.

Extremes for Period of Record. Maxium discharge 48 ft^3/s, gage height 2.69 ft, August 24, 2005. No flow most of time.

Extremes for Current Water Year. Maximum discharge 48 ft^3/s, at 1440 h, gage height 2.69 ft, August 24. No flow most of time.

E202 Mortandad above Sediment Traps

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0	0	0*	0*	0	0	0	0*	0	0	0	0
11	0	0	0*	0*	0	0	.12	0*	0	0	0	0
12	0	0	0*	0*	0	0	.02*	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*	0*	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	1.7*	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	.21
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	0.14	0	0	0	1.7	0.21
Mean	0	0	0	0	0	0	.005	0	0	0	.055	.007
Max	0	0	0	0	0	0	.12	0	0	0	1.7	.21
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	.28	0	0	0	3.4	.42

Wtr Year	2005	Total	2.05	Mean	.006	Max	1.7	Min	0	Acre-Ft	4.1
Cal Year	2004	Total	0.03	Mean	0	Max	.03	Min	0	Acre-Ft	.06

* Estimated

E203 Mortandad below Sediment Traps

Location. Lat 35°51'39", long 106°16'6", NE 1/4 SW 1/4 sec. 23, T. 19 N, R. 6 E, Los Alamos County, at exit from sediment collection traps, 4.2 mi upstream from SR 4.

Drainage Area. 0.9 mi^2, approximately.

Period of Record. October 1, 1996, to September 30, 2005.

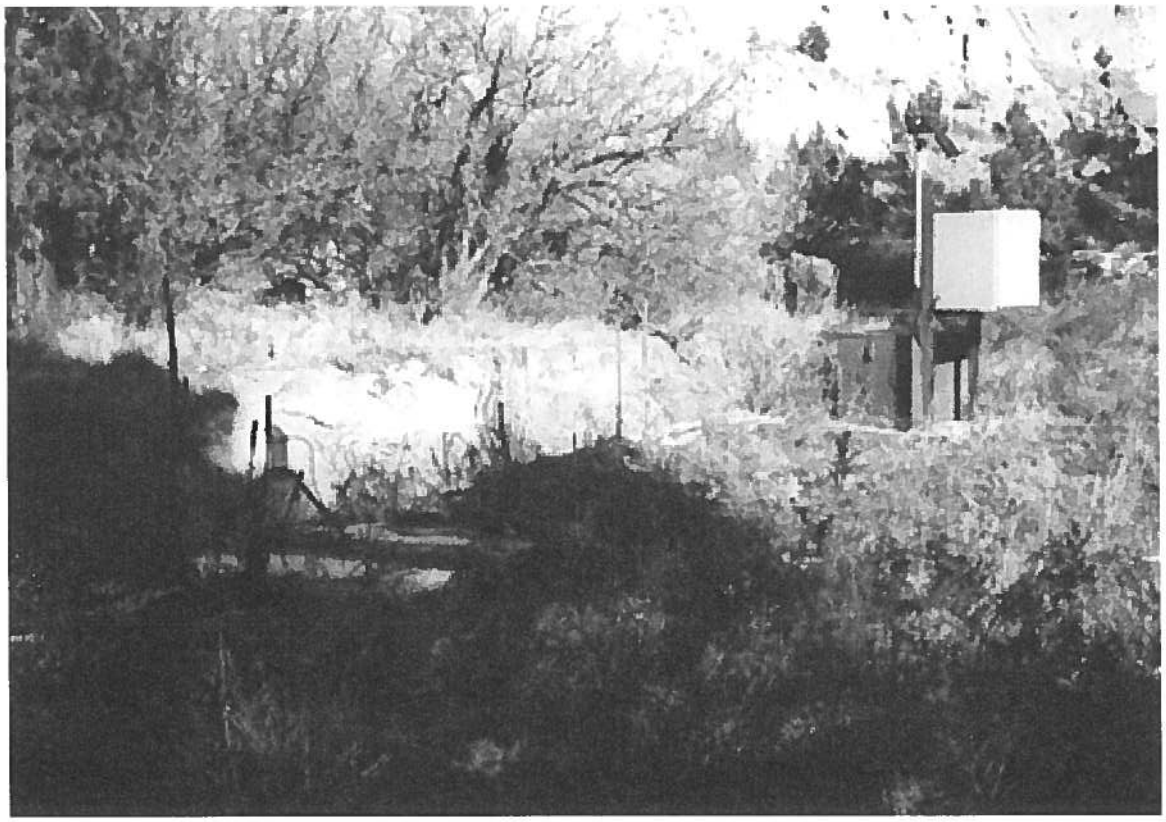
Gage. Data logger and 6-in. Parshall flume. Elevation of gage is 6,811.52 ft above *NGVD* from land survey.

Remarks. Records good.

Average Discharge. 9 yr, zero.

Extremes for Period of Record. Maximum discharge, 29 ft^3/s, August 24, 2005 (from critical depth computation). No flow most of the time.

Extremes for Current Water Year. Maximum discharge 29 ft^3/s, August 24, from critical depth computation. No flow most of time.



E203 Mortandad below Sediment Traps

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	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	0	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	1.2*	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	0	0	0	1.2	0
Mean	0	0	0	0	0	0	0	0	0	0	.039	0
Max	0	0	0	0	0	0	0	0	0	0	1.2	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	0	0	0	0	2.4	0

Wtr Year	2005	Total	1.2	Mean	.003	Max	1.2	Min	0	Acre-Ft	2.4
Cal Year	2004	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0

* Estimated

E204 Mortandad at LANL Boundary

Location. Lat 35°51'21", long 106°14'43", NW 1/4 sec. 30, T. 19, R. 7 E, Santa Fe County, 100 ft upstream from LANL/San Ildefonso Indian Reservation Boundary, and 2.8 mi upstream from SR 4.

Drainage Area. 1.67 mi^2.

Period of Record. October 1, 1993, to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,657.66 ft above *NGVD* from survey.

Remarks. Records good.

Average Discharge. 12 yr, zero.

Extremes for Period of Record. No flow for period.

Extremes for Current Water Year. No flow for year.

E204 Mortandad at LANL Boundary

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	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	0	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	0	0	0	0	0
Mean	0	0	0	0	0	0	0	0	0	0	0	0
Max	0	0	0	0	0	0	0	0	0	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	0	0	0	0	0	0

Wtr Year	2005	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0
Cal Year	2004	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0

E218 Cañada del Buey near TA-46

Location. Lat 35°51'31", long 106°17'17" in 1/4 NE 1/4 SW sec. 26, T. 19 N, R. 6 E in Los Alamos County, on left bank 0.25 mi upstream from east gate of SWSC plant.

Drainage Area. 0.31 mi^2.

Period of Record. June 1, 2000, to September 30, 2005.

Gage. Data logger with cellular telemetry and 2-ft Parshall flume. Elevation of gage is 6,936 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 5 yr, 0.02 ft^3/s, 14 acre-ft/year.

Extremes for Period of Record. Maximum discharge 125 ft^3/s, July 28, 2000, gage height 3.20 ft, from critical depth computation. No flow most of time.

Extremes for Current Water Year. Maximum discharge 13 ft^3/s at 1340 h, August 24, gage height 1.34 ft. No flow most of time.

E218 Cañada Del Buey near TA-46

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	0	0	0	0	0	0	0	0	.01	0	0
2	0	0	0	.14	0	0	0	0	0	.03	0	0
3	0	0	0	.58	0	0	0	0	0	0	0	0
4	.16	0	0	1.5	0	0	0	0	0	0	0	.05
5	0	0	0	.47	0	0	0	.01	0	.18	0	0
6	0	0	0	.14	0	0	0	.21	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	.09	.06	0	0	0	0	.03	0	0	0	0
10	0	0	0	0	0	0	0	0	.07	0	0	0
11	.49	0	0	0	0	0	0	0	0	.01	0	0
12	0	0	0	0	0	0	0	0	.03	.01	.31	0
13	0	0	0	.02	0	0	0	0	0	.06	.10	0
14	0	0	0	0	0	.68	0	0	.01	0	.01	0
15	0	0	.04	0	0	2.1	0	0	0	.06	0	0
16	0	0	0	0	0	.04	0	0	.02	0	0	0
17	0	0	0	0	0	0	0	0	.23	0	0	0
18	0	0	0	0	0	.05	0	0	.06	0	0	0
19	0	0	0	0	0	.28	0	0	0	.05	0	0
20	0	0	0	0	0	.43	0	0	.01	.20	0	.02
21	0	0	.06	0	0	.14	0	0	0	0	0	.06
22	0	0	0	0	0	0	0	0	0	.03	0	0
23	0	0	.08	0	.04	0	0	0	.01	.03	0	0
24	0	0	0	0	0	0	0	0	0	0	.40	.08
25	0	0	0	0	0	0	0	0	0	.03	.01	0
26	0	0	.06	0	0	0	.03	0	0	0	0	0
27	0	0	0	0	0	0	0	0	.01	0	0	0
28	0	0	0	0	0	0	.49	0	0	.10	0	0
29	0	.02	0	0	------	0	0	0	.01	.14	.01	.37
30	0	0	.18	0	------	.01	0	0	0	0	0	0
31	0	------	0	0	------	0	------	0	------	0	0	------
Total	0.66	0.11	0.48	2.85	0.04	3.73	0.52	0.25	0.46	0.94	0.84	0.58
Mean	.021	.004	.015	.092	.001	.12	.017	.008	.015	.030	.027	.019
Max	.49	.09	.18	1.5	.04	2.1	.49	.21	.23	.20	.40	.37
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	1.3	.22	.95	5.7	.08	7.4	1.0	.50	.91	1.9	1.7	1.2

Wtr Year	2005	Total	11.46	Mean	.031	Max	2.1	Min	0	Acre-Ft	23	
Cal Year	2004	Total	9.77	Mean	.027	Max	1.1	Min	0	Acre-Ft	19	

E225 Cañada del Buey near MDA G

Location. Lat 35°50'1.3", long 106°14'22.1", in Ramon Vigil Grant, Los Alamos County, 0.1 mi south of Santa Fe/Los Alamos county line and 2.5 mi upstream from SR 4 in White Rock, NM.

Drainage Area. 1.58 mi^2.

Period of Record. October 1993 to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,602 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 10 yr, zero.

Extremes for Period of Record. Maximum discharge 17 ft^3/s, September 8, 1995, gage height 2.71 ft. No flow most of time.

Extremes for Current Water Year. No flow all year.

E225 Cañada Del Buey near MDA G

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0*	0*	0	0	0	0	0	0	0	0	0	0
11	0*	0*	0	0	0	0	0	0	0	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	0	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	0	0	0	0	0
Mean	0	0	0	0	0	0	0	0	0	0	0	0
Max	0	0	0	0	0	0	0	0	0	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	0	0	0	0	0	0

Wtr Year	2005	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0
Cal Year	2004	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0

* Estimated

E230 Cañada del Buey above SR 4

Location. Lat 35°49'38", long 106°12'43", in Ramon Vigil Grant, Los Alamos County, on left bank 250 ft upstream from SR 4 in White Rock, NM.

Drainage Area. 2.14 mi^2.

Period of Record. October 1991 to September 30, 2005.

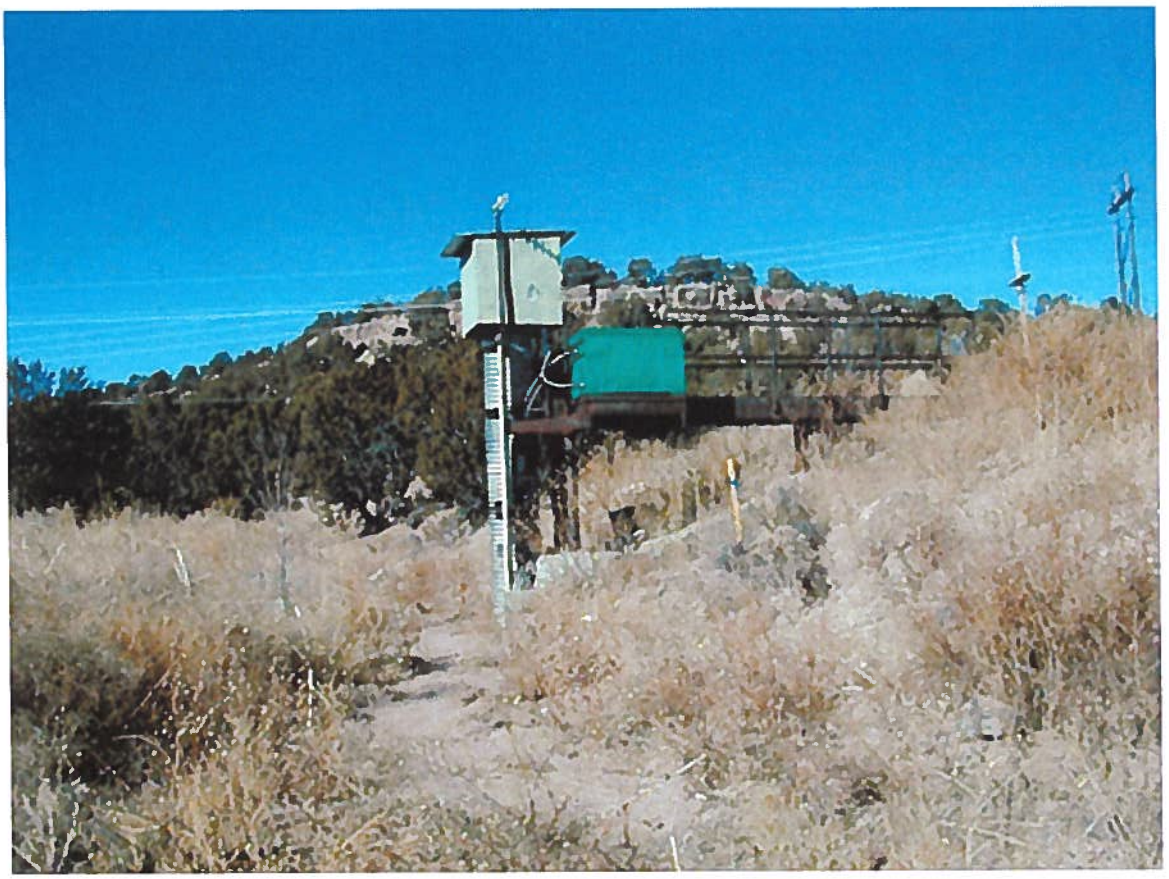
Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,401 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 10 yr, 0.010 ft^3/s, 7.2 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 210 ft^3/s, June 17, 1999, gage height 3.30 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 33 ft^3/s at 1525 h, September 28, gage height 1.30 ft. No flow most of time.



E230 Cañada Del Buey above SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	.01
5	.46	0	0	0	0	0	0	0	0	0	.02	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
11	.07	0	0	0	0*	0	0	0	0	0	0	0
12	0	0	0	0	0*	0	0	0	0	0	.07	0
13	0	0	0	0	0*	0	0	0	0	0	.06	0
14	0	0	0	0	0*	0	0	0	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	.01	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	.70
29	0	0	0	0	------	0	0	0	0	0	0	.37
30	0	0	0	0	------	0	0	0	0	0	0	0
31	0	------	0	0	------	0	------	0	------	0	0	------
Total	0.53	0	0	0	0	0	0	0	0	0.01	0.15	1.08
Mean	.017	0	0	0	0	0	0	0	0	0	.005	.036
Max	.46	0	0	0	0	0	0	0	0	.01	.07	.70
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	1.1	0	0	0	0	0	0	0	0	.02	.30	2.1

Wtr Year	2005	Total	1.77	Mean	.005	Max	.70	Min	0	Acre-Ft	3.5
Cal Year	2004	Total	1.03	Mean	.003	Max	.46	Min	0	Acre-Ft	2.0

* Estimated

E240 Pajarito below SR 501

Location. Lat 35°52'3.9", long 106°21'09", SE 1/4, NW 1/4, sec. 19, T. 19 N, R. 6 E, Los Alamos County, in Santa Fe National Forest, 100 ft downstream from NM SR 501.

Drainage Area. 1.90 mi^2.

Period of Record. October 1993 to June 28, 2000 (destroyed by flood); April to September 30, 2005.

Revised Records. WDR 1997: Gage height "Extremes for Period of Record."

Gage. Data logger with cellular telemetry. Elevation of gage is 7,720 ft above *NGVD* from GPS survey. Formerly published as "Pajarito Canyon above Highway 501 near Los Alamos, NM" at different datum.

Remarks. Records poor.

Average Discharge. 11 yr, 0.12 ft^3/s, 87 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 1,020 ft^3/s, June 28, 2000, from peak flow computation, gage height not determined. No flow at times.

Extremes for Current Water Year. Maximum discharge 103 (about) ft^3/s on July 15, gage 240 ft (from floodmark). No flow most of time.

E240 Pajarito below SR 501

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0*	0*	0	0	.50*	.90*	.15*	0*	0*	0
2	0	0	0*	0*	0	0	.40*	.90*	.15*	0	0*	0
3	0	0	0*	0*	0	0	.40*	.90*	.10*	0	0*	0
4	0	0	0*	0*	0	0	.39*	.90*	.08*	0	.50*	0
5	0	0	0*	0*	0	0	.40*	.90*	.05*	0	.02*	0
6	0	0	0*	0*	0	0	.40*	.85*	.02*	0	.30*	0
7	0	0	0*	0*	0	0	.45*	.80*	.02*	0	.03*	0
8	0	0	0*	0*	0	0	.45*	.75*	.01*	0	0*	0
9	0	0	0*	0*	0	0	.50*	.70*	.01*	0	.06*	0
10	0	0	0*	0*	0	.16	.50*	.70*	0*	0	1.2	0
11	0	0	0*	0*	0	1.1	.55*	.65*	0*	0	1.8	0*
12	0	0	0*	0	0	1.8	.60*	.60*	0*	0	1.6	0*
13	0	0	0*	0	0	2.8	.60*	.56*	0*	0	0	0*
14	0	0	0*	0	0	3.1	.60*	.50*	0*	0	0	0*
15	0	0	0*	0	0	2.3	.60*	.50*	0*	3.0*	0*	0*
16	0		0*	0	0	1.3	.65*	.50*	0*	.30*	0*	0*
17	0	0	0*	0	0	.69	.70*	.50*	0*	.20*	0*	0*
18	0	0	0*	0	0	.54	.70*	.50*	0*	0*	0	0*
19	0	0	0*	0	0	.36	.70*	.50*	0*	0*	0	0*
20	0	0	0*	0	0	.51	.70*	.45*	0*	0*	0	0*
21	0	0	0*	0	0	.66	.75*	.45*	0*	0*	0	0*
22	0	0	0*	0	0	.56	.75*	.45*	0*	0*	0	0*
23	0	0	0*	0	0	.39*	.80*	.45*	0*	0*	0	0*
24	0	0	0*	0	0	.35*	.80*	.45*	0*	0*	.14	0*
25	0	0	0*	0	.03	.35*	.80*	.45*	0*	0*	0	0*
26	0	0*	0*	0	0	.35*	.80*	.44*	0*	0*	0	0*
27	0	0*	0*	0	0	.35*	.80*	.40*	0*	0*	0	0*
28	0	0*	0*	0	0	.40*	.85*	.30*	0*	0*	0	0*
29	0	0*	0*	0	------	.40*	.85*	.25*	0*	0*		0*
30	0	0*	0*	0	------	.50*	.90*	.20*	0*	0*	0	0*
31	0	------	0*	0	------	.50*	------	.15*	------	0*	0	------
Total	0	0	0	0	0.03	19.47	18.89	17.55	0.59	3.50	5.65	0
Mean	0	0	0	0	.001	.63	.63	.57	.020	.11	.19	0
Max	0	0	0	0	.03	3.1	.90	.90	.15	3.0	1.8	0
Min	0	0	0	0	0	0	.39	.15	0	0	0	0
Acre-Ft	0	0	0	0	.06	39	37	35	1.2	6.9	11	0

Wtr Year	2005	Total	65.68	Mean	.18	Max	3.1	Min	0	Acre-Ft	130	
Cal Year	2004	Total	7.35	Mean	.020	Max	1.4	Min	0	Acre-Ft	15	

* Estimated

E241 Pajarito above Starmers

Location. Lat 35°51'33.6", long 106°20'12.6", SW 1/4 sec. 20, T. 19 N, R. 6 E, Los Alamos County, 100 ft upstream from mouth of Starmer's Gulch (E242), 0.5 mi south of LANL TA-22, Building 91.

Drainage Area. 3.97 mi^2.

Period of Record. March 1999 to June 28, 2000 (destroyed by flood); July 2001 to September 30, 2005.

Gage. Data logger with cellular telemetry and 90° sharp-crested weir. Elevation of gage is 7,382 ft above *NGVD* from GPS survey.

Remarks. Records good, except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 300 ft^3/s, June 28, 2000, from peak flow computation, gage height 5.00 ft. No flow at times.

Extremes for Current Water Year. Maximum discharge 74 ft^3/s at 1825 h, August 24, gage height 3.50 ft., minimum daily 0.01 ft^3/s many days.

E241 Pajarito above Starmers

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.01	.01	.03	.04*	.07	.19*	.65*	.06	.03	.01*	.02
2	.02	.01	0	.03	.06	.07	.21*	.67*	.06	.03	.02*	.01
3	.02	.01*	.01	.11	.13	.07	.22*	.69*	.06	.03	.04	.01
4	.01	.01*	.01	.15	.42	.07	.24*	.70*	.06	.03	.21	.01
5	.07	.01*	.01	.05*	.05	.06	.25*	.72*	.05	.03	.03	.01
6	.02*	.01*	.01	.05*	.05	.07	.27*	.67	.05	.03	.20	.01
7	.02	.01*	.01	.04*	.04	.07	.28*	.61	.05	.03	.04	.02
8	.02	.01*	.01	.05*	.05	.07	.30*	.54	.05	.03	.02	.02
9	.01	.01*	.01	.04*	.08	.06	.32*	.44	.05	.03	.01	.02
10	.01	.01	.01	.04*	.05	.07	.34*	.37	.05	.03	.01	.01
11	.06	.01	.01	.04*	.06	.07	.36*	.31	.05	.03	.05	.01
12	.02	.01	.01	.04*	.33	.07	.37*	.27	.05	.03	.56	.01
13	.02	.01	.01	.04*	.53	.07	.38*	.22	.05	.03	.09	.01
14	.02	.01	.01	.04*	.26	.08	.40*	.22	.05	.03	.04	.01
15	.02	.01	.01	.04*	.17	.09	.41*	.21	.05	.93	.04	.01
16	.02	.01	.01	.04*	.19	.09	.42*	.17	.05	.33	.03	.01
17	.01	.01	.02	.04*	.16	.09	.44*	.15	.05	.37	.02	.01
18	.02	.01	.01	.04*	.19	.09	.45*	.14	.04	.35	.02	.01
19	.02	.01	.02	.04	.38	.09	.46*	.11	.04	.28	.01	.01
20	.02	.01	.02	.04	.30	.11	.48*	.10	.04	.21	.01	.01
21	.02	.02	.02	.04	.14	.12	.49*	.09	.04	.15	.01	.01
22	.02	.02	.05	.04	.12	.11	.51*	.09	.04	.11	.02	.01
23	.01	.02	.16	.04	.12	.11*	.52*	.09	.04	.08	.01	.01
24	.01	.01	.04	.04	.11	.10*	.54*	.09	.04	.06	1.1	.01
25	.02	.02	.04	.05	.10	.11*	.55*	.08	.04	.04	.06	.01
26	.02	.01	.03	.04*	.09	.12*	.57*	.08	.04	.02*	.07	.01
27	.02	.01	.02	.04*	.08	.13*	.58*	.15	.04	.01*	.06	.02
28	.01	.01	.02	.04*	.08	.14*	.60*	.12	.04	.01*	.06	.38
29	.01	.01	.04	.04*	------	.15*	.62*	.09	.04	.01*	.05	.82
30	.01	.02	.05	.04*	------	.17*	.63*	.07	.04	.02*	.01*	.09
31	.01	------	.02	.04*	------	.18*	------	.06	------	.01*	.02*	------
Total	0.60	0.35	0.71	1.44	4.38	2.97	12.40	8.97	1.41	3.41	2.93	1.61
Mean	.019	.012	.023	.046	.16	.096	.41	.29	.047	.11	.095	.054
Max	.07	.02	.16	.15	.53	.18	.63	.72	.06	.93	1.1	.82
Min	.01	.01	0	.03	.04	.06	.19	.06	.04	.01	.01	.01
Acre-Ft	1.2	.69	1.4	2.9	8.7	5.9	25	18	2.8	6.8	5.8	3.2

Wtr Year	2005	Total	41.18	Mean	.11	Max	1.1	Min	0	Acre-Ft	82	
Cal Year	2004	Total	9.27	Mean	.025	Max	.43	Min	0	Acre-Ft	18	

*Estimated

E242 Starmers above Pajarito

Location. Lat 35°51'33.0", long 106°20'13.0", SW 1/4 sec. 20, T. 19 N, R. 6 E, Los Alamos County, 100 ft upstream from confluence of Starmer's Gulch and Pajarito Canyon, 0.5 mi south of LANL TA-22, Building 91.

Drainage Area. 0.82 mi^2.

Period of Record. March 1999 to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,390 ft above *NGVD* from GPS survey. Datum lowered 2 ft to 7, 388 on July 25, 2005.

Remarks. Water discharge records good, except for estimated daily discharges, which are poor.

Average Discharge. 5 yr, 0.15 ft^3/s, 109 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 180 ft^3/s, June 28, 2000, gage height 2.75 ft. No flow at times.

Extremes for Current Water Year. Maximum discharge 93 ft^3/s, at 1515 h, July 15, gage height 2.47 ft. Minimum daily 0.02 ft^3/s, December 26–28.

E242 Starmers above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.05	.05	.43	.45	.83	1.2	.82	.65	.25	.19	.20*
2	.03	.04	.04	.49	.40	.74	1.1	.79	.63	.24	.18	.25*
3	.06	.04	.03	1.0	.36	.68	1.0	.86	.62	.22	.18	.18*
4	.05	.04	.03	2.1	.31	.63	1.0	.79	.59	.22	.21	.17*
5	.31	.04	.03	1.1	.28	.57	1.2	.76	.58	.22	.16	.16*
6	.13	.03	.03	1.2	.28	.55	1.4	.74	.56	.20	.18	.14*
7	.15	.03	.03	1.1	.27	.54	1.4	.73	.55	.20	.14	.10*
8	.13	.03	.03	.89	.28	.54	1.5	.70	.52	.19	.15	.10*
9	.08	.03	.03	.74	.28	.53	1.6	.68	.51	.19	.15	.07*
10	.06	.03	.03	.64	.27	.58	1.7	.66	.50	.18	.15	.06*
11	.37	.03	.03	.65	.33	.64	1.7	.65	.49	.17	.16	.05*
12	.19	.03	.03	.30*	3.6	.75	1.6	.64	.47	.17	.40	.05*
13	.21	.04	.03	.23*	2.3	.93	1.5	.62	.45	.17	.31	.04*
14	.24	.04	.03	.21*	2.3	1.1	1.5	.61	.44	.16	.32	.05*
15	.19	.04	.03	.19*	2.5	1.3	1.4	.61	.41	1.7	.32	.04*
16	.14	.04	.03	.14*	2.5	1.3	1.6	.60	.40	.18	.33	.06*
17	.10	.04	.03	.10*	2.2	1.2	1.6	.61	.38	.16*	.30	.04*
18	.07	.04	.03	.15*	2.6	1.2	1.5	.63	.37	.17*	.26	.03*
19	.06	.04	.03	.16*	3.0	1.1	1.4	.63	.36	.18*	.22	.04*
20	.05	.04	.03	.19*	2.4	1.3	1.4	.64	.35	.19*	.19	.04*
21	.04	.06	.03	.19	2.1	1.3	1.3	.64	.33	.20*	.17	.04
22	.04	.09	.11	.20	1.9	1.2	1.2	.65	.32	.21*	.15	.13
23	.04	.11	.38	.23	1.6	1.2	1.1	.66	.31	.20*	.15	.03
24	.04	.10	.86	.26	1.4	1.1	1.2	.65	.30	.22*	.66	.03
25	.04	.07	.57	.31	1.3	1.1	1.1	.66	.29	.20*	.30	.03
26	.04	.06	.02	.35	1.1	1.2	1.1	.68	.29	.18	.26*	.03
27	.07	.06	.02	.38	1.0	1.1	1.0	.71	.28	.19	.22*	.03
28	.07	.05	.02	.41	.92	1.1	.98	.72	.28	.19	.20*	.07
29	.06	.05	.18	.46	------	1.1	.93	.72	.27	.19	.20*	.21
30	.05	.06	.73	.47	------	1.1	.86	.70	.26	.19	.20*	.13
31	.05	------	.36	.48	------	1.2	------	.68	------	.19	.21*	------
Total	3.19	1.45	3.91	15.75	38.23	29.71	39.07	21.24	12.76	7.52	7.22	2.60
Mean	.10	.048	.13	.51	1.37	.96	1.30	.69	.43	.24	.23	.087
Max	.37	.11	.86	2.1	3.6	1.3	1.7	.86	.65	1.7	.66	.25
Min	.03	.03	.02	.10	.27	.53	.86	.60	.26	.16	.14	.03
Acre-Ft	6.3	2.9	7.8	31	76	59	77	42	25	15	14	5.2

Wtr Year	2005	Total	182.65	Mean	.50	Max	3.6	Min	.02	Acre-Ft	362
Cal Year	2004	Total	119.48	Mean	.33	Max	3.5	Min	.01	Acre-Ft	237

* Estimated

E2425 La Delfe above Pajarito

Location. Lat 35°51'25", long 106°19'56", Ramon Vigil Grant, Los Alamos County 0.25 mi west of Starmer's Gulch and Pajarito Canyon and 0.75 mi south of LANL TA-22, Building 91.

Drainage Area. 0.53 mi^2.

Period of Record. June 1, 2000, to September 30, 2005.

Gage. Data logger with cellular telemetry and 90° sharp crested weir. Elevation of gage is 7,340 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 5 yr, 0.04 ft^3/s, 29 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 30 ft^3/s, August 24, 2005, gage height 2.64 ft; no flow at times.

Extremes for Current Year. Maximum discharge 30 ft^3/s at 1350 h, August 24, gage height 2.64 ft. Minimum daily 0.01 ft^3/s, November 10–15, 17–19.

E2425 La Delfe above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.03	.03*	.04	.04	.11	.11	.10	.06	.03	.03	.32
2	.03	.03	.02*	.04	.04	.10	.10	.10	.05	.03	.03	.31
3	.03	.03	.03*	.06	.04	.09	.10	.10	.05	.03	.03	.31
4	.04	.03	.03*	.34	.04	.09	.10	.11	.05	.03	.13	.31
5	.04	.03	.03*	.17	.04	.08	.10	.10	.05	.03	.04	.31
6	.04	.03	.03*	.10	.04	.08	.09	.10	.04	.03	.17	.30
7	.04	.03	.02*	.08	.04	.09	.09	.09	.04	.03	.06	.30
8	.04	.03	.02*	.06	.04	.09	.09	.09	.04	.03	.04	.29
9	.04	.02	.02*	.06	.04	.08	.09	.09	.04	.03	.03	.29
10	.04	.01	.03	.06	.04	.08	.09	.08	.04	.03	.03	.30
11	.07	.01	.03	.06	.06	.08	.09	.08	.04	.03	.03	.29
12	.07	.01	.03	.06	.48	.07	.09	.08	.04	.03	.61	.30
13	.05	.01	.02	.06	.35	.08	.09	.07	.04	.03	.18	.30
14	.04	.01	.02*	.05	.26	.09	.09	.07	.04	.03	.16	.28
15	.04	.01	.02*	.04	.23	.09	.09	.07	.04	.38	.10	.27
16	.04	.02	.03	.04	.25	.09	.11	.07	.04	.04*	.08	.29
17	.04	.01	.04	.04	.23	.10	.14	.07	.04	.04*	.07	.27
18	.04	.01	.03*	.04	.26	.12	.13	.07	.04	.04*	.06	.27
19	.04	.01	.03*	.04	.38	.13	.12	.07	.03	.04	.05	.27
20	.04	.02	.02*	.03	.32	.17	.11	.06	.03	.04	.04	.27
21	.04	.02	.03*	.03	.24	.22	.11	.06	.03	.04	.04	.26
22	.03	.03	.03*	.03	.20	.18	.10	.06	.03	.03	.05	.27
23	.03	.03	.03*	.03	.18	.16	.10	.06	.03	.03	.04	.28
24	.03	.03	.03*	.03	.17	.15	.12	.06	.03	.03	1.5	.28
25	.03	.03	.03*	.03	.15	.14	.13	.06	.03	.03	.61	.27
26	.03	.03	.03*	.03	.13	.13	.12	.06	.03	.03	.44	.26
27	.04	.03	.02*	.04	.12	.15	.11	.07	.03	.03	.39	.26
28	.04	.03	.02*	.04	.12	.17	.10	.07	.03	.03	.37	.46
29	.03	.03	.16	.04	------	.16	.10	.06	.03	.03	.36	.92
30	.03	.04	.78	.04	------	.13	.10	.06	.03	.03	.34	.49
31	.03	------	.05	.04	------	.12	------	.06	------	.03	.33	------
Total	1.20	0.69	1.74	1.85	4.53	3.62	3.11	2.35	1.14	1.34	6.44	9.60
Mean	.039	.023	.056	.060	.16	.12	.10	.076	.038	.043	.21	.32
Max	.07	.04	.78	.34	.48	.22	.14	.11	.06	.38	1.5	.92
Min	.03	.01	.02	.03	.04	.07	.09	.06	.03	.03	.03	.26
Acre-Ft	2.4	1.4	3.5	3.7	9.0	7.2	6.2	4.7	2.3	2.7	13	19

Wtr Year	2005	Total	37.61	Mean	.10	Max	1.5	Min	.01	Acre-Ft	75
Cal Year	2004	Total	19.42	Mean	.053	Max	.78	Min	.01	Acre-Ft	39

* Estimated

E243 Parajito above Twomile

Location. Lat. 35°51'15", long. 106°17'46", Ramon Vigil Grant, Los Alamos County, on left bank, 200 ft downstream above confluence of Twomile Canyon, 0.6 mi upstream from E245, 1.0 mi upstream from E2455 and 2 mi from Pajarito Road.

Drainage Area. 41 mi^2.

Period of Record. February 2002 to September 30, 2005.

Revisions. Drainage Area (this report).

Gage. Data logger with cellular telemetry. Elevation of gage 6,947 ft above *NGVD* from GPS survey.

Remarks. Water discharge records fair.

Extremes for Period of Record. Maximum discharge, 272 ft^3/s, August 24, 2005, gage height 4.38 ft. No flow most time.

Extremes for Current Year. Maximum discharge, 272 ft^3/s at 1405 h, August 24, gage height 4.38 ft. No flow at times.

E243 Pajarito above Twomile

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	0	0	0*	.50*	1.4	1.7	1.5	.52	.09	.07	.15
2	0*	0	0	.07*	.75*	1.3	1.6	1.6	.49	.09	.07	.14
3	0*	0	0	4.5*	.65*	1.2	1.5	1.7	.47	.08	.07	.13
4	0*	0	0	2.2*	.50*	1.1	1.4	1.5	.47	.08	.63	.12
5	0*	0	0	1.0*	.41*	1.1	1.5	1.5	.45	.08	.26	.11
6	0*	0	0	1.1*	.10*	1.1	1.7	1.5	.43	.07	.89	.09
7	0*	0	0	.80*	.12*	1.1	1.9	1.5	.39	.07	.34	.09
8	0*	0	0	.82*	.15*	1.1	2.3	1.5	.36	.07	.10	.12
9	0*	0	0	.48*	.05*	1.1	2.5	1.4	.33	.07	.07	.11
10	0*	0	0	.18*	.07*	1.1	2.5	1.3	.33	.07	.07	.11
11	0*	0	0	.34*	.30*	1.2	2.3	1.2	.33	.07	.22	.11
12	0*	0	0	.50*	7.5*	1.3	2.1	1.2	.32	.07	3.0	.10
13	0*	0	0	1.0*	2.1*	1.6	2.1	1.1	.26	.07	1.9	.10
14	0*	0	0	.84*	1.5*	1.9	2.3	1.0	.23	.08	2.3	.08
15	0*	0	0	.80*	2.0*	2.0	2.7	.97	.22	2.4	1.7	.07
16	0*	0	0	.75*	2.2*	2.1	2.8	.87	.20	1.1	1.7	.06
17	0*	0	0	.70*	2.4*	2.0	3.1	.79	.18	.69	1.4	.05
18	0*	0	0	.60*	2.9	2.0	2.7	.75	.16	.93	1.1	.04
19	0*	0	0	.28*	3.1	2.0	2.7	.68	.15	1.0	.84	.04
20	0*	0	0	.05*	3.1	2.2	2.6	.66	.14	.91	.56	.03
21	0*	0	0	0*	2.9	2.4	2.5	.64	.13	.61	.41	.02
22	0*	0	0*	0*	2.6	2.1	2.5	.63	.12	.38	.70	.02
23	0*	0	0*	0*	2.5	2.1	2.4	.64	.11	.36	.41	.02
24	0*	0	0*	.03*	2.2	2.0	2.5	.63	.11	.27	17	.02
25	0*	0	0*	.05*	2.0	1.9	2.4	.63	.11	.20	2.6	.01
26	0*	0	0*	.17*	1.9	2.0	2.0	.63	.11	.18	1.8	.01
27	0*	0	0*	.32*	1.7	1.9	1.7	.78	.10	.21	1.6	.01
28	0	0	0*	.42*	1.5	2.0	2.0	.74	.10	.13	1.0	.60
29	0	0	0*	.60*	------	1.9	1.9	.65	.10	.13	.70	3.2
30	.01	.01	0*	.85*	------	1.8	1.5	.57	.09	.09	.50	.80
31	0	------	0*	.32*	------	1.8	------	.54	------	.08	.30	------
Total	0.01	0.01	0	19.77	47.70	51.8	65.4	31.30	7.51	10.73	44.31	6.56
Mean	0	0	0	.64	1.70	1.67	2.18	1.01	.25	.35	1.43	.22
Max	.01	.01	0	4.5	7.5	2.4	3.1	1.7	.52	2.4	17	3.2
Min	0	0	0	0	.05	1.1	1.4	.54	.09	.07	.07	.01
Acre-Ft	.02	.02	0	39	95	103	130	62	15	21	88	13

Wtr Year	2005	Total	285.10	Mean	.78	Max	17	Min	0	Acre-Ft	565
Cal Year	2004	Total	31.15	Mean	.085	Max	1.1	Min	0	Acre-Ft	62

* Estimated

E244 Twomile above Pajarito

Location. Lat 35°5115", long 106°17'444", in Ramon Vigil Grant, Los Alamos County, on left bank 300 ft upstream from influence with Pajarito Canyon.

Drainage Area. 2.99 mi^2.

Period of Record. January 15, 2000, to September 30, 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,207.7 ft above *NGVD* from GPS survey.

Remarks. Records fair, except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 484 ft^3/s, at 1425, August 24, 2005, from slope area measurement, gage height 5.42 ft. No flow most of time.

Extremes for 2002 Water Year (Partial). No flow for period.

Extremes for 2003 Water Year. Maximum discharge 103 ft^3/s at 0930 h, August 23, gage height 3.08 ft. No flow most of time.

Extremes for 2004 Water Year. Maximum discharge 135 ft^3/s at 2020 h, July 24, gage height 3.40 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 517 ft^3/s at 1425 h, August 24, gage height 5.42 ft (from slope-area measurement). No flow most of time.

E244 Twomile above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2001 to September 2002

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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*	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*
30				0*	------	0	0	0	0	0	0*	0*
31		------		0*	------	0	------	0	------	0	0*	------
Total				0	0	0	0	0	0	0	0	0
Mean				0	0	0	0	0	0	0	0	0
Max				0	0	0	0	0	0	0	0	0
Min				0	0	0	0	0	0	0	0	0
Acre-Ft				0	0	0	0	0	0	0	0	0

Wtr Year	2002	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0
Cal Year	2001	Total		Mean		Max		Min		Acre-Ft	

* Estimated

E244 Twomile above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2002 to September 2003

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0*	0	0	0*	0	0*	0*	0*	0*	0	.94	0*
11	0*	0	0	0*	0	0	0*	0*	0*	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*	0*	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	.67	0*
23	0	0	0	0	0	0*	0*	0*	0*	0	.87	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	0	0	0	2.48	0
Mean	0	0	0	0	0	0	0	0	0	0	.080	0
Max	0	0	0	0	0	0	0	0	0	0	.94	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	0	0	0	0	4.9	0

Wtr Year	2003	Total	2.48	Mean	.007	Max	.94	Min	0	Acre-Ft	4.9
Cal Year	2002	Total	0	Mean	0	Max	0	Min	0	Acre-Ft	0

* Estimated

E244 Twomile above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2003 to September 2004

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0*	.37	.07	0	0	0	0*
2	0	0	0	0	1.3	0*	.32	.06	0	0	0	0*
3	0	0	0	0*	.01*	0*	.30	.06	0	0	0	0*
4	0	0	0	0*	0*	0*	.27	.06	0	0	0	0*
5	0	0	0	0*	0*	0*	.27	.05	0	0	0	0*
6	0	0	0	0*	0*	.05*	.19	.05	0	0	0	0*
7	0	0	0	0*	0*	.10*	.19	.04	0	0	0	0*
8	0	0	0	0*	0*	.25*	.54	.04	0	0	0	0*
9	0	0	0	0*	0*	.40*	.10	.03	0	0	0	0*
10	0	0	0	0*	0*	.35*	.09	.03	0	0	0	0*
11	0	0	0	0*	0*	.30*	.23	.02	0	0	0	0*
12	0	0	0	0*	0*	.35*	.13	.02	0	0	0	0*
13	0	0	0	0*	0*	.50*	.10	.01	0	0	0	0*
14	0	0	0	0*	0*	.85*	.09	.01	0	0	0	0*
15	0	0	0	0*	0*	.90*	.09	0	0	0	0	0*
16	0	0	0	0*	0*	.64*	.09	0	0	0	0	0*
17	0	0	0*	0*	0*	.64	.09	0	0	0	0	0*
18	0	0	0*	0*	0*	.56	.09	0	0	0	.32	0*
19	0	0	0	0*	0*	.48	.09	0	0	0	0*	0*
20	0	0	0	0*	0*	.42	.09	0	0	0	0*	0*
21	0	0	0	0*	0*	.42	.09	0	0	0	0*	0*
22	0	0	0	0*	0*	.39	.09	0	0	0	0*	0*
23	0	0	0	0*	0*	.39	.09	0	0	1.4	0*	0*
24	0	0	0	0*	0*	.39	.09	0	0	2.1	0*	0*
25	0	0	0	0*	0*	.39	.09	0	0	1.0	0*	0*
26	0	0	0	0*	0*	.48	.09	0	0	.27	0*	0*
27	0	0	0*	0*	0*	.48	.09	0	0	.11	0*	.10
28	0	0	0*	0*	0*	.48	.08	0	0	.10	0*	0*
29	0	0	0	0*	0*	.48	.08	0	0	.09	0*	0*
30	0	0	0	0*	------	.42	.07	0	0	0*	0*	0
31	0	------	0	0	------	.37	------	0	------	0	0*	------
Total	0	0	0	0	1.31	11.48	4.59	0.55	0	5.07	0.32	0.10
Mean	0	0	0	0	.045	.37	.15	.018	0	.16	.010	.003
Max	0	0	0	0	1.3	.90	.54	.07	0	2.1	.32	.10
Min	0	0	0	0	0	0	.07	0	0	0	0	0
Acre-Ft	0	0	0	0	2.6	23	9.1	1.1	0	10	.63	.20

Wtr Year	2004	Total	23.42	Mean	.064	Max	2.1	Min	0	Acre-Ft	46
Cal Year	2003	Total	2.48	Mean	.007	Max	.94	Min	0	Acre-Ft	4.9

* Estimated

E245 Pajarito above TA-18

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	0	0	0	.71	1.3	1.5	.96*	.24*	.01	0	.45*
2	0*	0	0	0	1.0	1.2	1.4	.96*	.22*	0	0	.31*
3	0*	0	0	.14	.72	1.1	1.3	.96*	.19*	0	0	.17*
4	0*	0	0	9.7	.58	1.0	1.2	.89*	.17*	0	.30	.04*
5	0*	0	0	2.1	.41	1.0	1.3	.72*	.16*	0	.01	0*
6	0*	0	0	2.1	.05	1.1	1.4	.70*	.14*	0	.59	0*
7	0*	0	0	1.6	.06	1.1	1.6	.69*	.12*	0	.03	0*
8	0*	0	0	1.6	.10	1.1	1.9	.67*	.11*	0	0	0
9	0*	0	0	.96	.03	1.0	2.1	.65*	.10*	0	0	0
10	0*	0	0	.35	.03	1.1	2.1	.63*	.09*	0	0	0
11	.15*	0	0	.65	.33	1.2	1.9	.61*	.09*	0	0	0
12	0*	0	0	1.2	15	1.3	1.7	.59*	.07*	0	14	0
13	0	0	0	2.0	4.9	1.2	1.7	.57*	.06*	0	1.5	0
14	0	0	0	1.6	3.0	1.5	2.0	.55*	.06*	0	2.4	0
15	0	0	0	1.6	2.7	1.9	2.3	.53*	.06*	8.1	.63	0
16	0	0	0	1.5	3.3	2.4	2.9	.52*	.05*	.23	.60	0
17	0	0	0	1.4	3.0	1.8	2.9	.50*	.05*	.01	.50	0
18	0	0	0	1.2	4.6	1.7	2.7	.47*	.04*	.02	.33	0
19	0	0	0	.51	6.9	1.8	2.4	.47*	.04*	.02	.22	0
20	0	0	0	0	4.5	2.3	2.0	.47*	.04*	.01	.11	0
21	0	0	0	0	3.2	2.6	1.7	.45*	.03*	0	.07	0
22	0	0	0	0	2.8	2.0	1.6	.42*	.03*	0	1.8	0
23	0	0	0	0	2.6	2.0	1.4	.36*	.03*	0	.21	0
24	0	0	0	.01	2.3	1.8	2.2	.35*	.03*	0	29	0
25	0	0	0	.03	1.9	1.8	1.7*	.32*	.03*	0	7.2	0
26	0	0	0	.22	1.7	2.0	1.5*	.31*	.03*	0	4.0	0
27	0	0	0	.42	1.5	1.8	1.4*	.29*	.02*	0	1.6	2.0*
28	0	0	0	.50	1.4	1.8	1.3*	.29*	.02*	0	1.3	16*
29	0	0	0	.95	------	1.7	1.2*	.28*	.02*	0	1.2	1.2*
30	0	0	0	1.4	------	1.6	1.2*	.28*	.02*	0	.75*	.28
31	0	------	0	.37	------	1.6	------	.26*	------	0	.40*	------
Total	0.15	0	0	34.11	69.32	48.8	53.5	16.72	2.36	8.40	68.75	20.45
Mean	.005	0	0	1.10	2.48	1.57	1.78	.54	.079	.27	2.22	.68
Max	.15	0	0	9.7	15	2.6	2.9	.96	.24	8.1	29	16
Min	0	0	0	0	.03	1.0	1.2	.26	.02	0	0	0
Acre-Ft	.30	0	0	68	137	97	106	33	4.7	17	136	41

Wtr Year	2005	Total	322.56	Mean	.88	Max	29	Min	0	Acre-Ft	640
Cal Year	2004	Total	44.08	Mean	.12	Max	4.0	Min	0	Acre-Ft	87

* Estimated

E245 Pajarito above TA-18

Location. Lat 35°51'4.2", long 106°17'11.4", Ramon Vigil Grant, Los Alamos County, on left bank 0.15 mi southeast of Pajarito Road, and upstream from LANL TA-8 and Threemile Canyon.

Drainage Area. 8.95 mi^2.

Period of Record. November 1993 to September 30, 2005.

Revisions. Drainage Area (this report).

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,880 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good, except for estimated daily discharges, which are poor.

Average Discharge. 11 yr, 0.20 ft^3/s, 145 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 517 ft^3/s, June 28, 2000, gage height 5.03 ft (from floodmark). No flow most of time.

Extremes for Current Water Year. Maximum discharge 373 ft^3/s at 1445 h, August 24, gage height 4.02 ft (from floodmark). No flow most of time.

E245 Pajarito above TA-18

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	0	0	0	.71	1.3	1.5	.96*	.24*	.01	0	.45*
2	0*	0	0	0	1.0	1.2	1.4	.96*	.22*	0	0	.31*
3	0*	0	0	.14	.72	1.1	1.3	.96*	.19*	0	0	.17*
4	0*	0	0	9.7	.58	1.0	1.2	.89*	.17*	0	.30	.04*
5	0*	0	0	2.1	.41	1.0	1.3	.72*	.16*	0	.01	0*
6	0*	0	0	2.1	.05	1.1	1.4	.70*	.14*	0	.59	0*
7	0*	0	0	1.6	.06	1.1	1.6	.69*	.12*	0	.03	0*
8	0*	0	0	1.6	.10	1.1	1.9	.67*	.11*	0	0	0
9	0*	0	0	.96	.03	1.0	2.1	.65*	.10*	0	0	0
10	0*	0	0	.35	.03	1.1	2.1	.63*	.09*	0	0	0
11	.15*	0	0	.65	.33	1.2	1.9	.61*	.09*	0	0	0
12	0*	0	0	1.2	15	1.3	1.7	.59*	.07*	0	14	0
13	0	0	0	2.0	4.9	1.2	1.7	.57*	.06*	0	1.5	0
14	0	0	0	1.6	3.0	1.5	2.0	.55*	.06*	0	2.4	0
15	0	0	0	1.6	2.7	1.9	2.3	.53*	.06*	8.1	.63	0
16	0	0	0	1.5	3.3	2.4	2.9	.52*	.05*	.23	.60	0
17	0	0	0	1.4	3.0	1.8	2.9	.50*	.05*	.01	.50	0
18	0	0	0	1.2	4.6	1.7	2.7	.47*	.04*	.02	.33	0
19	0	0	0	.51	6.9	1.8	2.4	.47*	.04*	.02	.22	0
20	0	0	0	0	4.5	2.3	2.0	.47*	.04*	.01	.11	0
21	0	0	0	0	3.2	2.6	1.7	.45*	.03*	0	.07	0
22	0	0	0	0	2.8	2.0	1.6	.42*	.03*	0	1.8	0
23	0	0	0	0	2.6	2.0	1.4	.36*	.03*	0	.21	0
24	0	0	0	.01	2.3	1.8	2.2	.35*	.03*	0	29	0
25	0	0	0	.03	1.9	1.8	1.7*	.32*	.03*	0	7.2	0
26	0	0	0	.22	1.7	2.0	1.5*	.31*	.03*	0	4.0	0
27	0	0	0	.42	1.5	1.8	1.4*	.29*	.02*	0	1.6	2.0*
28	0	0	0	.50	1.4	1.8	1.3*	.29*	.02*	0	1.3	16*
29	0	0	0	.95	------	1.7	1.2*	.28*	.02*	0	1.2	1.2*
30	0	0	0	1.4	------	1.6	1.2*	.28*	.02*	0	.75*	.28
31	0	------	0	.37	------	1.6	------	.26*	------	0	.40*	------
Total	0.15	0	0	34.11	69.32	48.8	53.5	16.72	2.36	8.40	68.75	20.45
Mean	.005	0	0	1.10	2.48	1.57	1.78	.54	.079	.27	2.22	.68
Max	.15	0	0	9.7	15	2.6	2.9	.96	.24	8.1	29	16
Min	0	0	0	0	.03	1.0	1.2	.26	.02	0	0	0
Acre-Ft	.30	0	0	68	137	97	106	33	4.7	17	136	41

Wtr Year	2005	Total	322.56	Mean	.88	Max	29	Min	0	Acre-Ft	640
Cal Year	2004	Total	44.08	Mean	.12	Max	4.0	Min	0	Acre-Ft	87

* Estimated

E2455 Pajarito above Threemile

Location. Lat 35°5'45.5", long 106°16'28.9", Ramon Vigil Grant, Los Alamos County, 0.5 mi upstream from LANL TA-18 and Threemile Canyon and 0.15 mi southeast of Pajarito Road.

Drainage Area. 9.21 mi^2.

Period of Record. March 1999 to September 30, 1999; January 1, 2002, to September 30, 2005.

Revised Record. Drainage Area. LA-13706-PR to LA-14131-PR (1999–2003) (P).

Gage. Data logger with cellular telemetry and 90° sharp-crested weir. Elevation of gage is 6,798 ft above *NGVD* from GPS survey.

Remarks. Records poor.

Extremes for Period of Record. Maximum discharge 228 ft^3/s, August 24, 2005, gage height 2.86 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 228 ft^3/s at 1420 h, August 24, gage height 2.86 ft. No flow most of time.

E2455 Pajarito above Threemile

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0*	.01	0*	0*	.62	1.2*	1.3*	1.3	.18*	0*	0*	0*
2	0*	0*	0*	0*	.62	1.1*	1.3*	1.4*	.17*	0*	0*	0*
3	0*	0*	0*	0*	.61	.99*	1.1*	1.4*	.16*	0*	0*	0*
4	0*	0*	0*	5.5	.60	.96*	1.1*	1.0*	.15*	0*	0*	0*
5	0*	0*	0*	1.9*	.60	.83*	1.1*	1.0*	.14*	0*	0*	0*
6	0*	0*	0*	1.7*	.60	1.0*	1.2*	.90*	.13*	0*	0*	0*
7	0	0*	0*	1.3*	.56	.97*	1.3*	.90*	.11*	0*	0*	0*
8	0	0*	0*	1.2*	.56	.95*	1.5*	.90*	.11*	0*	0*	0*
9	0	0*	0*	.52	.57	.96*	1.8*	.80*	.10*	0*	0*	0*
10	0	0*	0*	.43	.58	1.0*	1.7*	.60*	.09*	0*	0*	0*
11	.01	0*	0*	.81*	.84	1.1*	1.6*	.70*	.08*	0*	0*	0*
12	0	0*	0*	1.1*	11	1.1*	1.5*	.70*	.07*	0*	22	0*
13	0	0*	0*	1.3*	5.0	1.3*	1.5*	.60*	.06*	0*	1.5	0*
14	0	0*	0*	1.5*	3.5	1.3*	1.5	.60*	.05*	0*	3.3	0*
15	0	0*	0*	1.4*	3.5	1.4*	1.7	.50*	.04*	5.4	.29	0*
16	0	0*	0*	1.2*	4.1	1.9*	3.0	.50*	.04*	.16	.38*	0*
17	0	0*	0*	.91*	3.5	2.2*	3.2	.50*	.04*	.04	.30*	0*
18	0	0*	0*	.58*	5.5	1.7*	2.7	.50*	.04*	0*	.23*	0*
19	0	0*	0*	.52	8.5	1.6*	2.6	.45*	.03*	0*	.17*	0*
20	0	0*	0*	.15	5.8	2.1*	2.4	.45*	.03*	0*	.09*	0*
21	0	0*	0*	.04	3.4	2.1*	2.3	.45*	.03*	0*	.04*	0*
22	0	0*	0*	.03	3.0	1.9*	2.1	.40*	.03*	0*	1.5*	0*
23	0	0*	0*	.04	2.5	1.9*	2.0	.35*	.03*	0*	.41	0*
24	0	0*	0*	.06	2.0	1.9*	3.0	.35*	.02*	0*	22	0*
25	0	0*	0*	.08	1.6	1.8*	1.9	.35*	.02*	0*	2.5	0*
26	0	0*	0*	.16	1.6*	1.8*	1.6	.30*	.02*	0*	.62	0*
27	0	0*	0*	.28	1.4*	1.7*	1.5	.25*	.02*	0*	.25	0*
28	0	0*	0*	.39	1.3*	1.7*	1.5	.25*	.02*	0*	.19	1.7
29	0	0*	0*	.51	------	1.6*	1.4	.21*	.01*	0*	0*	12
30	0	0*	0*	.58	------	1.6*	1.5	.21*	.01*	0*	0*	1.1
31	0	------	0*	.62	------	1.6*	------	.19*	------	0*	0*	------
Total	0.01	0.01	0	24.81	73.96	45.26	53.9	19.01	2.03	5.60	55.77	14.8
Mean	0	0	0	.80	2.64	1.46	1.80	.61	.068	.18	1.80	.49
Max	.01	.01	0	5.5	11	2.2	3.2	1.4	.18	5.4	22	12
Min	0	0	0	0	.56	.83	1.1	.19	.01	0	0	0
Acre-Ft	.02	.02	0	49	147	90	107	38	4.0	11	111	29

Wtr Year	2005	Total	295.16	Mean	.81	Max	22	Min	0	Acre-Ft	585
Cal Year	2004	Total	39.64	Mean	.11	Max	1.9	Min	0	Acre-Ft	79

*Estimated

E246 Threemile above Pajarito

Location. Lat 35°50'20", long 106°16'17", NW 1/4 SE 1/4, Ramon Vigil Grant, Los Alamos County, 0.05 mi northeast of TA-18, and 0.50 mi southeast of Pajarito Road.

Drainage Area. 1.53 mi^2.

Period of Record. October 1998 to September 30, 2005.

Gage. Data logger with cellular telemetry and 9-in. Parshall flume. Elevation of gage is 6,760 ft above *NGVD*.

Remarks. Water discharge record good, except for estimated daily discharges, which are poor.

Average Discharge. 7 yr, 0.14 ft^3/s, 10 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 173 ft^3/s, August 20, 2004, gage height 2.08 ft from floodmark. No flow most of time.

Extremes for Current Water Year. Maximum discharge 1.3 ft^3/s at 0905 h, April 24, gage height 0.61. No flow most of time.

E246 Threemile above Pajarito

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0*	.18	.09	.38	.10	0	0	0
2	0	0	0	0	0*	.15	.09	.45	.07	0	0	0
3	0	0	0	0	0*	.13	.09	.45	.04	0	0	0
4	0	0	0	0	0*	.11	.09	.48	.04	0	0	0
5	0	0	0	0*	0*	.11	.07	.52	.04	0	0	0
6	0	0	0	0*	.04*	.12	.06	.54	.04	0	0	0
7	0	0	0	0*	.04*	.09	.07	.55	.03	0	0	0
8	0	0	0	0*	.04*	.08	.08	.56	.03	0	0	0
9	0	0	0	0*	.06*	.07	.07	.32	.03	0	0	0
10	0	0	0	0*	.06*	.07	.08	.13	.03	0	0	0
11	0	0	0	0*	.10*	.06	.07	.12	0*	0	0	0
12	0	0	0	0*	.15*	.06	.07	.12	0*	0	0	0
13	0	0	0	0*	.20*	.05	.07	.12	0*	0	0	0
14	0	0	0	0*	.22*	.06	.07	.13	0*	0	0	0
15	0	0	0	0*	.22*	.05	.07	.13	0*	0	0	0
16	0	0	0	0*	.25*	.04	.10	.13	0*	0	0	0
17	0	0*	0	0*	.29	.05	.10	.12	0*	0	0	0
18	0	0*	0	0*	.29	.05	.09	.11	0*	0	0	0
19	0	0*	0	0*	.28	.07	.09	.10	0*	0	0	0
20	0	0*	0	0*	.27	.44	.08	.10	0*	0	0	0
21	0	0*	0	0*	.25	.48	.08	.10	0*	0	0	0
22	0	0*	0	0*	.34	.24	.09	.10	0*	0	0	0
23	0	0	0	0*	.41	.20	.10	.10	0	0	0	0
24	0	0	0	0*	.37	.14	.55	.09	0	0	0	0
25	0	0	0	0*	.31	.13	.37	.09	0	0	0	0
26	0	0	0	0*	.27	.18	.36	.10	0*	0	0	0
27	0	0	0	0*	.22	.23	.35	.13	0*	0	0	0
28	0	0	0	0*	.20	.21	.35	.13	0	0	0	0
29	0	0	0	0*	------	.16	.36	.11	0	0	0	.01
30	0	0	0	0*	------	.12	.37	.11	0	0	0	0
31	0	------	0	0*	------	.10	------	.10	------	0	0	------
Total	0	0	0	0	4.88	4.23	4.58	6.72	0.45	0	0	0.01
Mean	0	0	0	0	.17	.14	.15	.22	.015	0	0	0
Max	0	0	0	0	.41	.48	.55	.56	.10	0	0	.01
Min	0	0	0	0	0	.04	.06	.09	0	0	0	0
Acre-Ft	0	0	0	0	9.7	8.4	9.1	13	.89	0	0	.02

Wtr Year	2005	Total	20.87	Mean	.057	Max	.56	Min	0	Acre-Ft	41
Cal Year	2004	Total	5.60	Mean	.015	Max	3.1	Min	0	Acre-Ft	11

*Estimated

E250 Pajarito above SR 4

Location. Lat 35°49'26.7", long 106°13'40.5", in Ramon Vigil Grant, Los Alamos County on left bank, 400 ft southeast of Pajarito Road, 0.40 mi upstream from SR 4, and 1.4 mi from White Rock, NM.

Drainage Area. 10.9 mi^2.

Period of Record. November 1993 to September 30, 2005.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,535 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 11 yr, 0.06 ft^3/s, 43 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 36 ft^3/s, August 24, 2005, gage height 4.16 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 36 ft^3/s at 1930 h, August 24, gage height 4.16 ft. No flow most of time.

E250 Pajarito above SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	.23	.74	.99	.07	0	0	0
2	0	0	0	0	0	.18	.70	1.0	.06	0	0	0
3	0	0	0	0	0	.15	.61	1.0	.05	0	0	0
4	0	0	0	0	0	.14	.55	1.5	.05	0	0	0
5	0	0	0	0	0	.14	.49	.95	.06	0	0	.01
6	0	0	0	0	0	.15	.42	.76	.04	0	0	.02
7	0	0	0	0	0	.12	.53	.67	0	0	0	0
8	0	0	0	0	0	.11	.73	.60	0	0	0	0
9	0	0	0	0	0	.10	1.0	.48	0	0	0	0
10	0	0	0	0	0	.09	1.2	.37	0	0	0	0
11	0	0	0	0	0	.08	1.2	.27	0	0	0	0
12	0	0	0	0	3.0	.08	.91	.23	0	0	.31	0
13	0	0	0	0	2.9	.10	.80	.20	0	0	.04	0
14	0	0	0	0	1.8	.25	.88	.18	0	0	.20	0
15	0	0	0	0	.86	.46	1.1	.18	0	0	0	0
16	0	0	0	0	1.0	.72	1.9	.17	0	0	0	0
17	0	0	0	0	1.2	1.0	4.0	.14	0	0	0	0
18	0	0	0	0	1.6	1.0	4.0	.13	0	0	0	0
19	0	0	0	0	4.0	1.1	3.9	.12	0	0	0	0
20	0	0	0	0	3.2	1.2	3.6	.10	0	0	0	0
21	0	0	0	0	1.7	2.2	3.4	.09	0	0	0	0
22	0	0	0	0	1.3	1.6	2.9	.08	0	0	0	0
23	0	0	0	0	1.2	1.4	2.3	.08	0	0	0	0
24	0	0	0	0	1.1	1.3	3.4	.07	0	0	5.3	0
25	0	0	0	0	.89	1.3	3.0	.06	0	0	2.8	0
26	0	0	0	0	.65	1.5	2.2	.08	0	0	.42	0
27	0	0	0	0	.44	1.4	1.8	.12	0	0	.04	0
28	0	0	0	0	.29	1.3	1.6	.11	0	0	.01	0
29	0	0	0	0	------	1.2	1.6	.10	0	0	0	5.1
30	0	0	0	0	------	1.0	1.3	.08	0	0	0	.61
31	0	------	0	0	------	.87	------	.08	------	0	0	------
Total	0	0	0	0	27.13	22.47	52.76	10.99	0.33	0	9.12	5.74
Mean	0	0	0	0	.97	.72	1.76	.35	.011	0	.29	.19
Max	0	0	0	0	4.0	2.2	4.0	1.5	.07	0	5.3	5.1
Min	0	0	0	0	0	.08	.42	.06	0	0	0	0
Acre-Ft	0	0	0	0	54	45	105	22	.65	0	18	11

Wtr Year	2005	Total	128.54	Mean	.35	Max	5.3	Min	0	Acre-Ft	255
Cal Year	2004	Total	15.99	Mean	.044	Max	1.8	Min	0	Acre-Ft	32

E252 Water above SR 501

Location. Lat 35°50'18", long 106°21'42.6", T. 19 N, R. 5 E, Los Alamos County in Santa Fe National Forest, 0.3 mi upstream from SR 501, and 0.4 mi northwest of junction of SR 501 and SR 4.

Drainage Area. 3.39 mi^2.

Period of Record. October 1994 to September 2000; October 2000 to June 2000 (destroyed by flood); April 2001 to September 2005.

Gage. Data logger with cellular telemetry. Elevation of gage is 7,558 ft above *NGVD* from GPS survey. New location 30 ft upstream at same datum.

Remarks. Records poor.

Average Discharge. 11 yr, 0.10 ft^3/s, 72 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 840 ft^3/s on June 28, 2000, from peak flow computation, gage height 7.91 ft. No flow at times.

Extremes for Current Water Year. Maximum discharge 1.8 ft^3/s, April 7, gage height 2.58 ft. No flow July 28–August 1.

E252 Water above SR 501

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	.03	.03	.04	.11	.70	1.6	1.0	.24*	.08*	0	.03
2	.01	.03	.03	.04	.11	.57	1.6	.94	.23*	.08*	.02*	.03
3	.01	.03	.03	.04	.11	.51	1.6	.94	.24*	.07*	.02*	.03
4	.01*	.03	.03	.04	.13	.46	1.7	.93	.25*	.07*	.02*	.03
5	.01*	.03	.03	.04	.14	.48	1.8	.92	.24*	.07*	.02*	.03
6	.01*	.03	.03	.04	.14	.47	1.7	1.0	.22*	.06*	.02*	.03
7	.02*	.03	.03	.04	.14	.45	1.7	1.0	.21*	.06*	.02*	.03
8	.02*	.03	.04	.06	.14	.50	1.8	.94	.21*	.13	.02*	.03
9	.02*	.03	.04	.57	.14	.56	1.8	.90	.20*	.13	.02*	.03
10	.02*	.03	.04	.34	.14	.75	1.7	.84	.21*	.13	.02*	.03
11	.02*	.03	.04	.14	.14	.81	1.6	.76	.21*	.13	.04*	.04
12	.01*	.03	.04	.14	.44	.91	1.5	.68*	.20*	.13	.03*	.06
13	.02*	.03	.04	.16	.73	.99	1.5	.60*	.19*	.13	.03*	.06
14	.03*	.03	.04	.20	.77	1.0	1.5	.50*	.19*	.14	.02*	.07
15	.03*	.03	.04	.17	.80	.93	1.5	.48*	.19*	.14	.03*	.08
16	.02*	.03	.04	.17	.84	.82	1.6	.40*	.18*	.13	0	.09
17	.02*	.03	.04	.14	.87	.80	1.6	.39*	.18*	.14	.02	.09
18	.03*	.03	.04	.14	.89	.80	1.7	.37*	.17*	.14	.03	.07
19	.03*	.03	.04	.14	.94	.84	1.6	.38*	.16*	.14	.04	.07
20	.02*	.03	.04	.13	.97	.89	1.5	.37*	.15*	.14	.04	.06
21	.02*	.03	.04	.11	.98	.95	1.4	.34*	.15*	.14	.05	.05
22	.03*	.03	.04	.11	.99	1.0	1.3	.33*	.14*	.14	.06	.04
23	.04*	.03	.04	.11	1.0	1.1	1.2	.34*	.13*	.14	.06	.03
24	.04*	.03	.04	.11	1.0	1.1	1.3	.31*	.12*	.14	.06	.03
25	.03*	.03	.04	.09	1.0	1.2	1.3	.30*	.12*	.14	.06	.03
26	.03*	.03	.04	.09	.97	1.3	1.3	.28*	.11*	.14	.06	.02
27	.03*	.03	.04	.09	.82	1.3	1.3	.27*	.10*	.14	.05	.02
28	.03	.03	.04	.10	.74	1.4	1.2	.28*	.09*	.04	.04	.02
29	.03	.03	.04	.10	------		1.2	.26*	.08*	0	.04	.02
30	.03	.03	.04	.11	------	1.7	1.1	.25*	.08*	0	.04	.03
31	.03	------	.04	.11	------	1.7	------	.25*	------	0	.03	------
Total	0.71	0.90	1.17	3.91	16.19	26.99	45.2	17.55	5.19	3.26	1.01	1.28
Mean	.023	.030	.038	.13	.58	.90	1.51	.57	.17	.11	.033	.043
Max	.04	.03	.04	.57	1.0	1.7	1.8	1.0	.25	.14	.06	.09
Min	.01	.03	.03	.04	.11	.45	1.1	.25	.08	0	0	.02
Acre-Ft	1.4	1.8	2.3	7.8	32	54	90	35	10	6.5	2.0	2.5

Wtr Year	2005	Total	123.36	Mean	.34	Max	1.8	Min	0	Acre-Ft	245
Cal Year	2004	Total	30.62	Mean	.084	Max	1.2	Min	0	Acre-Ft	61

* Estimated

E2528 S Site Canyon above Water

Location. Lat 35°49'51", long 106°18'27", in Ramon Vigil Grant, Los Alamos County, on left bank, 50 ft above confluence with Water Canyon, 0.4 mi upstream of E262, 2.0 mi upstream from E2625, and 4.6 mi upstream from SR 4.

Drainage Area. 0.71 mi^2.

Period of Record. April 1999 to September 30, 2005.

Gage. Data logger with cellular atelemetry and 90° sharp-crested weir. Elevation of gage is 6,840 ft above *NGVD* from GPS survey.

Remarks. Water discharge records poor.

Extremes for Period of Record. Maximum discharge 162 ft^3/s August 20, 2004, gage height 4.03 ft. No flow most of time.

Average Discharge. 6 yr, 0.002 ft^3/s. 1.4 acre-ft/yr.

Extremes for Current Year. Maximum discharge 13 ft^3/s at 1415 h August 24, gage height 2.80 ft (from floodmark). No flow most of time.

E2528 S Site Canyon above Water

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	0
10	0	0*	0	0	0*	0*	0	0	0	0	0	0
11	0	0	0	0	0*	0*	0	0	0	0	0	0
12	0	0	0	0	0*	0*	0	0	0	0	.13	0
13	0	0	0	0*	0*	0	0	0	0	0	0	0
14	0*	0	0	0*	0*	0	0	0	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	.27*	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	.01	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	.01	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	0.01	0.01	0	0	0	0	0	0	0	0	0.40	0
Mean	0	0	0	0	0	0	0	0	0	0	.013	0
Max	.01	.01	0	0	0	0	0	0	0	0	.27	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	.02	.02	0	0	0	0	0	0	0	0	.79	0

Wtr Year	2005	Total	0.42	Mean	.001	Max	.27	Min	0	Acre-Ft	.83
Cal Year	2004	Total	2.59	Mean	.007	Max	2.1	Min	0	Acre-Ft	5.1

* Estimated

E253 Cañon de Valle above SR 501

Location. Lat 35°51'6.6", long 106°21'17" NE 1/4 sec. 25, T. 19 N, R. 5 E, Los Alamos County in Santa Fe National Forest, on left bank 0.25 mi upstream from SR 501, 4.7 mi above mouth, and 1.5 mi north of junction of SR 501 and SR 4.

Drainage Area. 2.46 mi^2.

Period of Record. October 1994 to June 2000 (when gage was destroyed); January 31, 2001, to September 30, 2005.

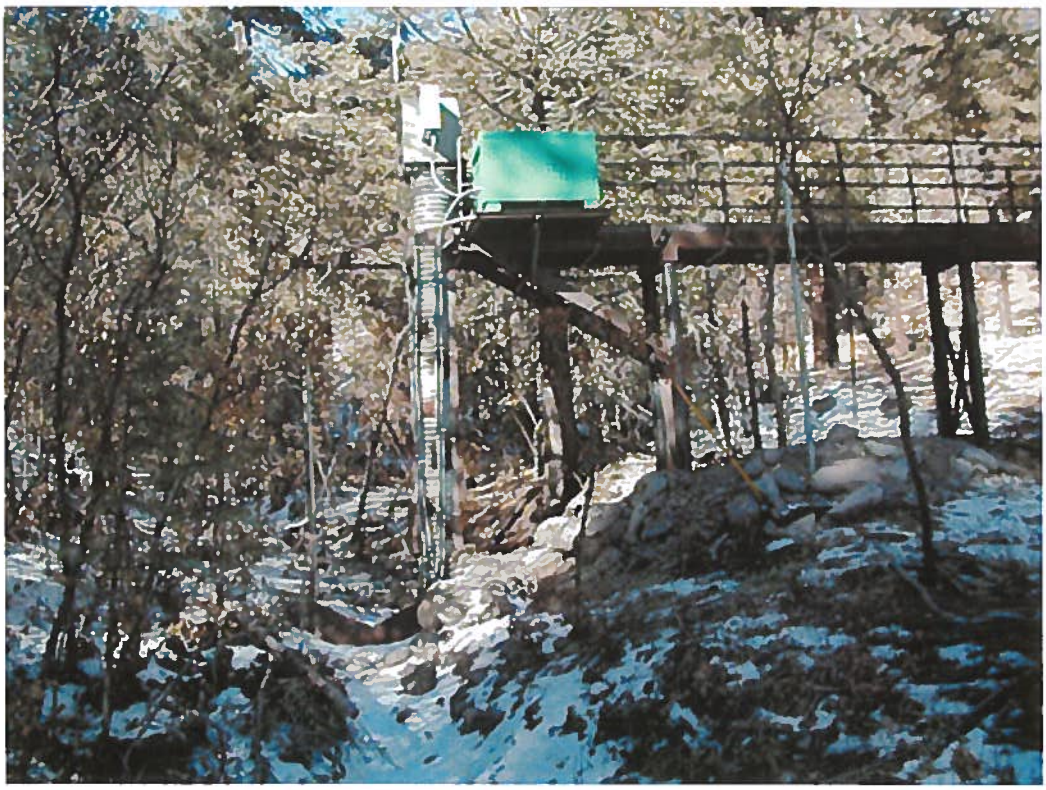
Gage. Data logger with cellular telemetry and 120° weir plate. Elevation of gage is 7,707 ft above *NGVD* from GPS survey.

Remarks. Records good.

Average Discharge. 11 yr, 0.03 ft^3/s, 22 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 740 ft^3/s, June 28, 2000, from peak flow computation, gage height 8.42 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 8.5 ft^3/s, 1625 h, April 17, gage height 2.31 ft. No flow most of time.



E253 Cañon de Valle above SR 501

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1		0	0	0	0	0	0	1.2	0	0	0	0
2	0	0	0	0	0	0	0	1.1	0	0	0	0
3	0	0	0	0	0	0	0	1.1	0	0	0	0
4	0	0	0	0	0	0	0	1.0	0	0	0	0
5	0	0	0	0	0	0	0	1.0	0	0	0	0
6	0	0	0	0	0	0	0	1.0	0	0	0	0
7	0	0	0	0	0	0	.07	1.1	0	0	0	0
8	0	0	0	0	0	0	.86	1.1	0	0	0	0
9	0	0	0	0	0	0	1.4	1.1	0	0	0	0
10	0	0	0	0	0	0	1.3	1.0	0	0	0	0
11	0	0	0	0	0	0	.87	1.0	0	0	0	0
12	0	0	0	0	0	0	.80	1.0	0	0	0	0
13	0	0	0	0	0	0	1.0	.83	0	0	0	0
14	0	0	0	0	0	0	1.4	.57	0	0	0	0
15	0	0	0	0	0	0	1.7	.53	0	.04	0	0
16	0	0	0	0	0	0	3.9	.45	0	0	0	0
17	0	0	0	0	0	0	6.9	.38	0	0	0	0
18	0	0	0	0	0	0	3.8	.32	0	0	0	0
19	0	0	0	0	0	0	3.1	.21	0	0	0	0
20	0	0	0	0	0	0	3.2	.17	0	0	0	0
21	0	0	0	0	0	0	2.6	.11	0	0	0	0
22	0	0	0	0	0	0	2.1	0	0	0	0	0
23	0	0	0	0	0	0	1.9	0	0	0	0	0
24	0	0	0	0	0	0	2.1	0	0	0	.01	0
25	0	0	0	0	0	0	1.9	0	0	0	0	0
26	0	0	0	0	0	0	1.8	0	0	0	0	0
27	0	0	0	0	0	0	1.6	0	0	0	0	0
28	0	0	0	0	0	0	1.6	0	0	0	0	0
29	0	0	0	0	------	0	1.5	0	0	0	0	0
30	0	0	0	0	------	0	1.3	0	0	0	0	0
31	0	------	0	0	------	0	------	0	------	0	0	------
Total	0	0	0	0	0	0	48.70	16.27	0	0.04	0.01	0
Mean	0	0	0	0	0	0	1.62	.52	0	.001	0	0
Max	0	0	0	0	0	0	6.9	1.2	0	.04	.01	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	0	0	0	0	0	0	97	32	0	.08	.02	0

Wtr Year	2005	Total	65.02	Mean	.18	Max	6.9	Min	0	Acre-Ft	129
Cal Year	2004	Total	1.25	Mean	.003	Max	.70	Min	0	Acre-Ft	2.5

E256 Cañon de Valle below MDA P

Location. Lat. 35°51'01", long 106°19'57", T.19 N, R 6 E, Ramon Vigil Grant Los Alamos County, on right bank, 2.0 mi northwest of DX, and 2.1 mi west of SR 501.

Drainage Area. 3.25 mi^2.

Period of Record. January 24, 2002, to September 30, 2005.

Gage. Data logger with cellular telemetry and 2-ft Parshall flume. Elevation of gage is 7,330 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good, except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 19 ft^3/s, August 24, 2005, gage height 1.74 ft. No flow most of time.

Extremes for Current Year. Maximum discharge 19 ft^3/s at 1345 h, August 24, gage height 1.74 ft. No flow at times.

E256 Cañon del Valle below MDA P

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.03	.08	0*	.07	.08	.16	.20*	.55	.15	.03	0	.04
2	.03	.08	0*	.07	.16	.16	.20*	.50	.15	.03	0	.03
3	.05	.08	0*	.17	.38	.15	.25*	.59	.14	.02	0	.03
4	.05	.08	.17	.50	.57	.14	.30*	.52	.14	.02	.18	.04
5	.09	.08	.11	.11	.03	.15	.35*	.43	.13	.02	0	.03
6	.05	.08	.09	.10	.03	.15	.35*	.41	.12	.02	.11	.03
7	.04	.08	.08	.13	.03	.16	.35*	.40	.12	.02	.01	.03
8	.04	.08	.09	.09	.03	.15	.63*	.42	.12	.01	0	.03
9	.04	.08	.09	.07	.34	.15	1.3*	.41	.11	.01	0	.03
10	.04	.08	.09	.09	.08	.16	.87*	.38	.11	.01	0	.02
11	.10	.08	.09	.10	.06	.16	1.0*	.36	.11	.01	0	.02
12	.06	.08	.09	.08	.37	.15	1.3*	.36	.10	0	.46	.02
13	.06	.08	.08	.09	.24	.15	1.5*	.35	.10	0	.04	.01
14	.06	.08	.09	.09	.18	.15	1.6*	.35	.10	0	.05	.01
15	.06	.09	.09*	.10	.16	.14	2.0*	.36	.09	.34	.03	.01
16	.06	.09	.10	.08	.18	.15	2.2*	.34	.09	.02	.03	.01
17	.06	.09	.11	.07	.15	.15	2.4*	.34	.08	.01	.03	.01
18	.06	.09	.10	.07	.10	.16	2.7	.33	.07	.01	.02	0
19	.06	.09	.10	.06	.10	.16	2.3	.31	.07	0	.02	0
20	.06	.10	.10	.06	.10	.18	2.0	.29	.07	.01	.02	0
21	.06	.11	.10	.06	.10	.20	1.7	.28	.07	0	.02	0
22	.07	.10	.10	.05	.10	.19	1.4	.26	.07	0	.03	.01
23	.07	.11	.11	.05	.10	.19	1.2	.25	.07	0	.02	.01
24	.07	0*	.12	.05	.10	.19	1.6	.23	.07	0	.95	0
25	.09	0*	.13	.05	.11	.19	1.5	.22	.07	0	.08	0
26	.08	.11	.14	.05	.11	.20	1.2	.22	.06	0	.06	0
27	.10	.11	.14	.05	.11	.20	1.1	.22	.05	0	.05	.01
28	.08	.11	.11	.04	.15	.22	.98	.21	.05	0	.05	.08
29	.08	0*	.24	.07	------	.21	.87	.19	.04	0	.04	.48
30	.08	0*	.17	.11	------	.19	.67	.17	.04	0	.04	.06
31	.08	------	.08	.04	------	.19	------	.16	------	0	.04	------
Total	1.96	2.32	3.11	2.82	4.25	5.25	36.02	10.41	2.76	0.59	2.38	1.05
Mean	.063	.077	.10	.091	.15	.17	1.20	.34	.092	.019	.077	.035
Max	.10	.11	.24	.50	.57	.22	2.7	.59	.15	.34	.95	.48
Min	.03	0	0	.04	.03	.14	.20	.16	.04	0	0	0
Acre-Ft	3.9	4.6	6.2	5.6	8.4	10	71	21	5.5	1.2	4.7	2.1

Wtr Year	2005	Total	72.92	Mean	.20	Max	2.7	Min	0	Acre-Ft	145	
Cal Year	2004	Total	8.81	Mean	.024	Max	.50	Min	0	Acre-Ft	17	

* Estimated

E262 Cañon de Valle above Water

Location. Lat 35°49'52", long 106°18'14", in Ramon Vigil Grant, Los Alamos County, on right bank 200 ft above confluence with Water Canyon, 1.6 mi upstream from E262.5 and 4.2 mi upstream from SR 4.

Drainage Area. 4.14 mi^2.

Period of Record. October 1998 to September 30, 2005.

Gage. Data logger with cellular telemetry and 90° weir plate. Elevation of gage is 6,840 ft above *NGVD*.

Remarks. Records good.

Average Discharge. 6 yr ft^3/s, 0.02 , 14 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 63 ft^3/s, August 20, 2004, gage height 4.10 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 9.3 ft^3/s at 1510 h, August 24, gage height 3.00 ft. No flow most of time.

E262 Cañon De Valle above Water

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0*	0*	.02	.09	.09	.17	.03	.02	.02	.04
2	0	0	0*	0*	.11	.08	.08	.17	.03	.02	.02	.04
3	0	0	0*	0*	.16	.08	.09	.19	.02*	.04	.01	.06
4	0	0	0*	0*	.16	.08	.09	.19	.02*	.07	.01	.06
5	0	0	0*	0*	.13	.08	.09	.15	.01*	.03	.01	.05
6	.01	0	0*	0*	.11	.08	.07	.14	.01*	.02	.01	.05
7	0	0	0*	0*	.10	.08	.09	.13	.01	.04	.01	.04
8	0	0	0*	0*	.10	.08	.09	.12	.02	.04	.01	.04
9	0	0	0*	0*	.10	.08	.09	.11	.02	.04	0	.04
10	0	0	0*	0*	.08	.08	.09	.11	.03	.04	0	.04
11	0	0	0*	0*	.08	.08	.09	.10	.03	.04	0	.06
12	0	0	0*	0*	.23	.08	.09	.09	.03	.04	.02	.05
13	0	0	0*	0*	.13	.08	.09	.09	.03	.04	.01	.05
14	0	0	0*	0	.09	.09	.09	.10	0	.04	.01	.05
15	0	0	0*	0	.15	.08	.09	.09	0	.03	.01	.04
16	0	0	0*	0	.23	.08	.16	.08	0	.03	.02	.05
17	0	0	0*	0	.19	.07	1.0	.08	.06	.03	.01	.05
18	0	0	0*	0	.30	.08	1.1	.08	.04	.03	.02	.04
19	0	0	0*	0	.49	.09	.94	.08	.03	.03	.02	.04
20	0	0	0*	0	.27	.10	.74	.07	.07	.03	.02	.05
21	0	0	0*	0	.17	.10	.61	.07	.62	.03	.02	.05
22	0	0	0*	0	.14	.10	.48	.07	.25	.03	.02	.04
23	0	0	0*	0	.14	.06	.37	.07	.03	.03	.02	.04
24	0	0	0*	0	.13	.11	.67	.07	.04	.03	.66	.05
25	0	0	0*	0	.11	.11	.55	.06	.05	.03	.13	.05
26	0	0	0*	0	.10	.10	.38	.07	.06	.03	.13	.05
27	0	0	0*	0	.10	.10	.31	.06	.12	.02	.13	.05
28	0	0	0*	0	.09	.12	.27	.05	.12	.02	.13	.06
29	0	0*	0*	.02	------	.14	.25	.04	.01	.01	.09	.14
30	0	0*	0*	.11	------	.13	.20	.04	.01	.01	.05	.12
31	0	------	0*	0	------	.05	------	.03	------	.02	.04	------
Total	0.01	0	0	0.13	4.21	2.76	9.35	2.97	1.80	0.96	1.66	1.59
Mean	0	0	0	.004	.15	.089	.31	.096	.060	.031	.054	.053
Max	.01	0	0	.11	.49	.14	1.1	.19	.62	.07	.66	.14
Min	0	0	0	0	.02	.05	.07	.03	0	.01	0	.04
Acre-Ft	.02	0	0	.26	8.4	5.5	19	5.9	3.6	1.9	3.3	3.2

Wtr Year	2005	Total	25.44	Mean	.070	Max	1.1	Min	0	Acre-Ft	50
Cal Year	2004	Total	3.41	Mean	.009	Max	2.1	Min	0	Acre-Ft	6.8

* Estimated

E2625 Water below MDA AB

Location. Lat 35°49'31", long 106°17'03", in Ramon Vigil Grant, Los Alamos County, on left bank 1.6 mi downstream from E262, 2.6 mi upstream from SR 4, and 4.6 mi northeast of Pajarito Road junction.

Drainage Area. 11.3 mi^2.

Period of Record. May 1 to September 30, 2005.

Gage. Data logger with cellular telemetry and 90° weir plate. Elevation of gage is 6,580 ft above *NGVD*.

Remarks. Records fair except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 195 ft^3/s, August 20, 2004, gage height 4.30 ft; no flow most of time.

Extremes for Current Water Year. Maximum discharge 9.7 ft^3/s at 0605 h, February 12, gage height, 2.41 ft. No flow most of time.

E2625 Water below MDA AB

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	.01	.01*	.38	1.3	1.8	1.7	.22	0	0	0
2	0	0	0	.01*	.52	1.1	1.7	1.7	.18*	0	0	0
3	0	0	0	.02*	.71	1.1	1.6	2.0	.14*	0	0	0
4	0	0	0	.20*	1.0	.98	1.7	2.0	.10*	0	.03	0
5	.01	0	0	.10*	.49	1.0	1.9	1.7	.04*	0	0	0
6	0	0	0	.08*	.50	1.1	2.0	1.5	.08*	0	0	0
7	0	0	0	.04*	.54	1.1	2.2	1.4	.08	0	0	0
8	0	0	0	.01*	.54	1.1	2.5	1.3	0	0	0	0
9	0	0	0	.01*	.60	1.2	2.5	1.2	0	0	0	0
10	0	0	0	.01*	.59	1.2	2.5	1.2	0	0	0	0
11	0	0	0	.01*	.91	1.3	2.3	1.1	0	0	0	0
12	0	0	0	.02*	7.0	1.4	1.9	.98	0	0	.31	0
13	0	0	0	.02*	4.4	1.8	1.7	.89	0	0	0	0
14	0	0	0	0*	3.7	2.3	1.8	.86	0	0	0	0
15	0	0	0	.01*	3.4	2.2	1.9	.82	0	0	0	0
16	0	0	0	.07*	3.5	2.3	2.4	.74	0	0	0	0
17	0	0	0	.08*	3.1	1.9	4.3	.65	0	0	0	0
18	0	0	0	.10*	3.7	1.8	4.2	.57	0	0	0	0
19	0	0	0	.11*	5.1	1.9	3.7	.52	0	0	0	0
20	0	0	0	.12	4.1	2.5	3.2	.48	0	0	0	0
21	0	0	0	.18	3.1	2.7	2.9	.44	0	0	0	0
22	0	0	0	.19	2.6	2.5	2.6	.40	0	0	0	0
23	0	0	0	.20	2.4	2.5	2.3	.37	0	0	0	0
24	0	0	0	.21	2.1	2.3	3.2	.35	0	0	.71	0
25	0	0	0	.22	1.7	2.3	2.9	.32	0	0	0	0
26	0	0	0	.24	1.5	2.5	2.7	.33	0	0	0	0
27	0	0	0	.36	1.4	2.6	2.5	.51	0	0	0	0
28	0	0	0*	.32	1.3	2.7	2.4	.50	0	0	0	0
29	0	.02	.01*	.33	------	2.7	2.2	.37	0	0	0	.56
30	0	.01	.02*	.33	------	2.6	1.9	.28	0	0	0	0
31	0	------	.01*	.35	------	2.2	------	.24	------	0	0	------
Total	0.01	0.03	0.05	3.96	60.88	58.18	73.4	27.42	0.84	0	1.05	0.56
Mean	0	.001	.002	.13	2.17	1.88	2.45	.88	.028	0	.034	.019
Max	.01	.02	.02	.36	7.0	2.7	4.3	2.0	.22	0	.71	.56
Min	0	0	0	0	.38	.98	1.6	.24	0	0	0	0
Acre-Ft	.02	.06	.10	7.9	121	115	146	54	1.7	0	2.1	1.1

Wtr Year	2005	Total	226.38	Mean	.62	Max	7.0	Min	0	Acre-Ft	449
Cal Year	2004	Total	5.30	Mean	.014	Max	4.0	Min	0	Acre-Ft	11

* Estimated

E263 Water at SR 4

Location. Lat 35°48'20.0", long 106°14'52.0" in Ramon Vigil Grant, Los Alamos County, on right bank 50 ft downstream from SR 4, 150 ft above mouth of Indio Canyon, and 4.0 mi southwest of White Rock, NM.

Drainage Area. 12.3 mi^2.

Period of Record. April 1999 to September 30, 2005.

Revised Records. LA-13905-PR: Drainage area.

Gage. Data logger with cellular telemetry. Elevation of gage is 6,368 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good except for estimated daily discharges, which are poor.

Extremes for Period of Record. Maximum discharge 306 ft^3/s, June 28, 2000, gage height 3.78 ft. No flow most of time.

Extremes for Current Water Year. Maximum discharge 26 ft^3/s at 0625 h, February 20, gage height 1.18 ft. No flow most of time.

E263 Water at SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0	0	0	.04	0	0	0	0	0
2	0	0	0	0	0	0	.02	0	0	0	0	0
3	0	0	.01	0	0	0	.01	.22	0	0	0	0
4	0	0	0	.45	0	0	.05	.32	0	0	0	0
5	0	0	0	0	0	0	.17	0	0	0	0	0
6	0	0	0	0	0	0	.21	0	0	0	0	0
7	0	0	0	0	0	0	.36	0	0	0	0	0
8	0	0	0	0	0	0	.75	0	0	0	0	0
9	0	0	0	0	0	0	1.1	0	0	0	0	0
10	0	0	0	0	0	0	1.0	0	0	0	0	0
11	0	0	0	0	0	0	.49	0	0	0	0	0
12	0	0	0	0	9.0	0	.35	0	0	0	.31	0
13	0	0	0	0	2.8	0*	.16	0	0	0	0	0
14	0	0	0	0	1.8	0*	.06	0	0	0	0	0
15	0	0	0	0	1.5	0*	.02	0	0	0	0	0
16	0	0	0	0	2.1	0*	.29	0	0	0	0	0
17	0	0	0	0	1.6	0*	4.4	0	0	0	0	0
18	0	0	0	0	3.2	0*	4.2	0	0	0	0	0
19	0	0	0	0	7.1	.08	2.7	0	0	0	0	0
20	0	0	0	0	5.6	.32	1.9	0	0	0	0	0
21	0	0	0	0	3.0	.95	1.3	0	0	0	0	0
22	0	0	0	0	1.9	.75	.87	0	0	0	0	0
23	0	0	0	0	1.2	.50	.36	0	0	0	0	0
24	0	0	0	0	.54	.34	1.8	0	0	0	1.3	0
25	0	0	0	0	0	.25	1.5	0	0	0	0	0
26	0	0	0	0	.04	.37	.98	0	0	0	0	0
27	0	0	0	0	0	.41	.64	0	0	0	0	0
28	0	0	0	0	0	.57	.47	0	0	0	0	.03
29	0	0	0	0	------	.58	.21	0	0	0	0	2.1
30	0	0	0	0	------	.44	.06	0	0	0	0	.03
31	0	------	0	0	------	.13	------	0	------	0	0	------
Total	0	0	0.01	0.45	41.38	5.69	26.47	0.54	0	0	1.61	2.16
Mean	0	0	0	.015	1.48	.18	.88	.017	0	0	.052	.072
Max	0	0	.01	.45	9.0	.95	4.4	.32	0	0	1.3	2.1
Min	0	0	0	0	0	0	.01	0	0	0	0	0
Acre-Ft	0	0	.02	.89	82	11	53	1.1	0	0	3.2	4.3

Wtr Year	2005	Total	78.31	Mean	.21	Max	9.0	Min	0	Acre-Ft	155
Cal Year	2004	Total	21.26	Mean	.058	Max	9.1	Min	0	Acre-Ft	42

*Estimated

E265 Water below SR 4

Location. Lat 35°48'17.7", long 106°14'31.6" in Ramon Vigil Grant, Los Alamos County, on left bank 0.4 mi downstream from SR 4, and 4.0 mi southwest of White Rock, NM.

Drainage Area. 13.0 mi^2.

Period of Record. October 1993 through September 30, 2005.

Revised Records. LA-13905-PR: Drainage area.

Gage. Data logger with cellular telemetry and stabilized natural rock control. Elevation of gage is 6,314 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good, except for estimated daily discharges, which are poor.

Average Discharge. 11 yr, 0.04 ft^3/s, 29 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 274 ft^3/s, gage height 5.13 ft (from floodmark), June 28, 2000. No flow most of time.

Extremes for Current Water Year. Maximum discharge 14 ft^3/s, 1720 h, August 24, gage height 1.26 ft. No flow most of time.

E265 Water below SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0	0	0	0*	0	.01	.20*	.01	0*	0*	0*	0
2	0	0	0	0*	0	0	.10*	.03	0*	0*	0*	0
3	0	0	0	0*	0	0	.05*	.22	0*	0*	0*	0
4	0	0*	0	.44*	0	0	.09*	.50	0*	0*	0*	0
5	.08	0*	0	0*	0	0	.50*	.11	0*	0*	0*	0
6	0	0*	0	0*	0	0	.55*	0	0*	0*	0	0
7	0	0*	0	0*	0	0	.90*	0	0*	0*	0	0
8	0	0*	0	0*	0	0	1.8*	0	0*	0*	0	0
9	0	0*	0	0*	0	0	2.0*	0	0*	0*	0	0
10	0	0*	0*	0*	0	0*	1.8*	0	0*	0*	0	0
11	0	0*	0*	0*	.06	0*	1.2*	0	0*	0*	0	0
12	0	0*	0*	0*	6.3	0*	.80*	0	0*	0*	1.0	0
13	0	0*	0*	0*	3.5	0*	.10*	0	0*	0*	0*	0
14	0	0*	0*	0*	2.0	0*	.09*	0*	0*	0*	0*	0
15	0	0*	0*	0*	1.1	0*	.01	0*	0*	0*	0	0
16	0	-0*	0*	0*	2.0*	0*	.12	0*	0*	0*	0	0
17	0	0	0*	0*	1.5*	0*	2.5	0*	0*	0*	0	0
18	0	0	0*	0*	3.1*	0*	2.5	0*	0*	0*	0	0
19	0	0	0*	0*	7.0*	.10*	2.0	0*	0*	0*	0	0
20	0	0	0*	0*	5.0*	.30*	1.4	0*	0*	0*	0	0
21	0	0*	0*	0*	3.0*	1.5*	.83	0*	0*	0*	0	0
22	0	0	0*	0*	1.9*	1.2*	.63	0*	0*	0*	0	0
23	0	0	0*	0*	1.2*	1.0*	.30	0*	0*	0*	0	0
24	0	0	0*	0*	.57*	.80*	1.3	0*	0*	0*	1.7	0
25	0	0	0*	0*	0*	.68*	1.2	0*	0*	0*	0*	0
26	0	0	0*	0	0*	.90*	.80	0*	0*	0*	0	0
27	0	0	0*	.02	0*	1.0*	.57	0*	0*	0*	0	0
28	0	0	0*	0	0*	1.2*	.45	0*	0*	0*	0	.49
29	0	0	0*	0	------	.13	.32	0*	0*	0*	0	.42
30	0	0	0*	0	------	.09	.13	0*	0*	0*	0	.01
31	0	------	0*	0	------	.10*	------	0*	------	0*	0	------
Total	0.08	0	0	0.46	38.23	9.01	25.24	0.87	0	0	2.7	0.92
Mean	.003	0	0	.015	1.37	.29	.84	.028	0	0	.087	.031
Max	.08	0	0	.44	7.0	1.5	2.5	.50	0	0	1.7	.49
Min	0	0	0	0	0	0	.01	0	0	0	0	0
Acre-Ft	.16	0	0	.91	76	18	50	1.7	0	0	5.4	1.8

Wtr Year	2005	Total	77.51	Mean	.21	Max	7.0	Min	0	Acre-Ft	154	
Cal Year	2004	Total	18.38	Mean	.050	Max	5.5	Min	0	Acre-Ft	36	

* Estimated

E267 Potrillo above SR 4

Location. Lat 35°48'48", long 106°14'00", in Ramon Vigil Grant, Los Alamos County, on left bank 0.25 mi upstream from NM SR 4 and 2.0 mi southwest of White Rock, NM.

Drainage Area. 2.25 mi^2.

Period of Record. October 1993 to September 30, 2005.

Revised Records. LA-13551-PR (1998): Station number.

Gage. Data logger with cellular telemetry and concrete control. Elevation of gage is 6,458 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 11 yr, 0.003 ft^3/s, 2.2 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 63 ft^3/s, August 29, 1995, gage height 2.70 ft (from slope-area determination). No flow most of time.

Extremes for Current Water Year. Maximum discharge, 12 ft^3/s, at 1545 h, September 28. No flow most of time.

E267 Potrillo above SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	.01	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	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	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	0	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	.11
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	0.01	0	0	0	0	0	0	0	0	0	0	0.11
Mean	0	0	0	0	0	0	0	0	0	0	0	.004
Max	.01	0	0	0	0	0	0	0	0	0	0	.11
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	.02	0	0	0	0	0	0	0	0	0	0	.22

Wtr Year	2005	Total	0.12	Mean	0	Max	.11	Min	0	Acre-Ft	.24
Cal Year	2004	Total	0.01	Mean	0	Max	.01	Min	0	Acre-Ft	.02

E275 Ancho below SR 4

Location. Lat 35°46'54.2", long 106°14'41.9", in Ramon Vigil Grant, Los Alamos County, 0.3 mi downstream from SR 4, and 5.5 mi southwest of White Rock, NM.

Drainage Area. 4.55 mi^2.

Period of Record. December 1993 to September 30, 2005.

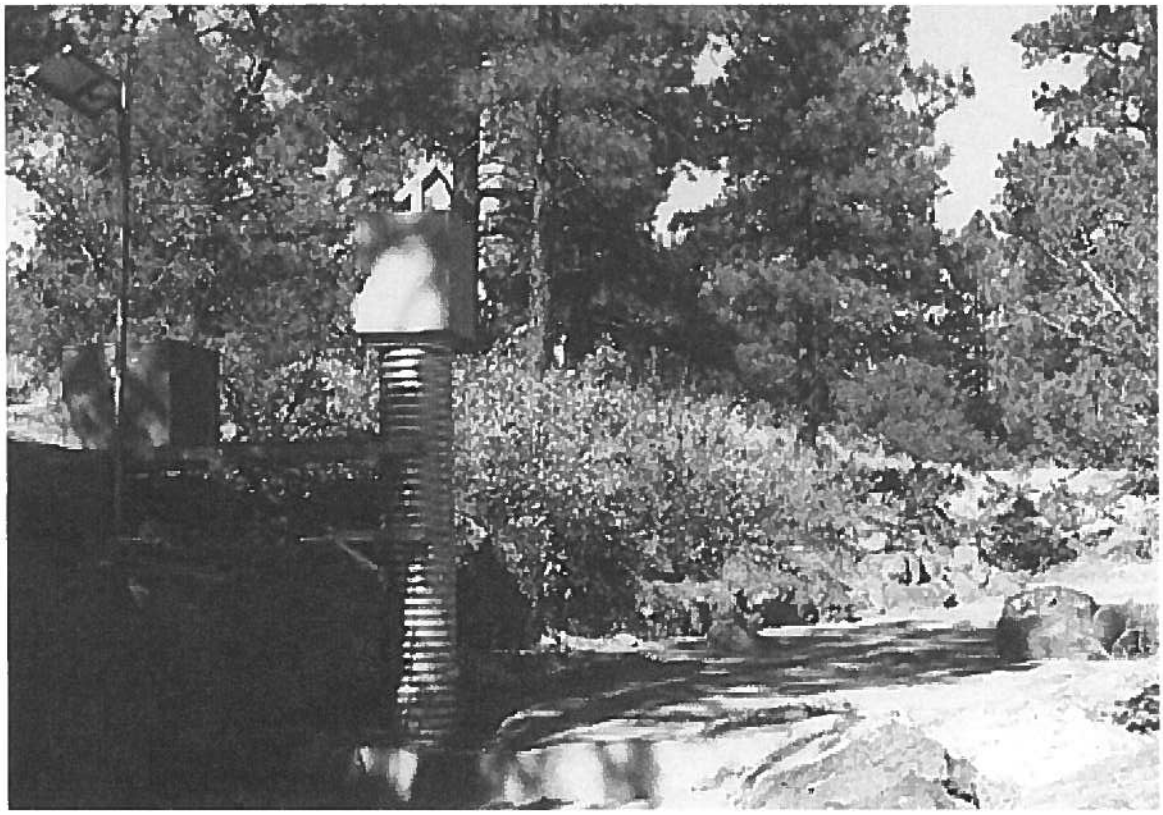
Gage. Data logger with cellular telemetry and concrete stabilized natural control. Elevation of gage is 6,198 ft above *NGVD* from GPS survey.

Remarks. Water discharge records good.

Average Discharge. 10 yr, 0.011 ft^3/s, 8.0 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 534 ft^3/s, gage height 2.74 ft, May 26, 2003. No flow most of time.

Extremes for Current Water Year. Maximum discharge 38 ft^3/s at 1140 h, October 5, gage height 1.64 ft. No flow most of time.



E275 Ancho below SR 4

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
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	.71	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	0
10	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	.19	0	0	0	0	0	.14	0
13	0	0	0	0	.02	0	0	0	0	0	.09	0
14	0	0	0	0	0	0	0	0	0	0	.05	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	.03	0	0	0	0	0	0
21	0	0	0	0	0	.03	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	0.71	0	0	0	0.21	0.06	0	0	0	0	0.28	0
Mean	.023	0	0	0	.008	.002	0	0	0	0	.009	0
Max	.71	0	0	0	.19	.03	0	0	0	0	.14	0
Min	0	0	0	0	0	0	0	0	0	0	0	0
Acre-Ft	1.4	0	0	0	.42	.12	0	0	0	0	.56	0

Wtr Year	2005	Total	1.26	Mean	.004	Max	.71	Min	0	Acre-Ft	2.5
Cal Year	2004	Total	4.71	Mean	.013	Max	4.0	Min	0	Acre-Ft	9.3

* Estimated

E350 Rio de los Frijoles at Bandelier

Location. Lat 35°46'37.0", long 106°16'9.6", Ramon Vigil Grant, Sandoval County, in Bandelier National Monument, on right bank 800 ft downstream from Monument Headquarters, 6.5 mi south of Los Alamos, 18.5 mi northwest of Santa Fe, and at river mile 2.0.

Drainage Area. 18.16 mi^2.

Period of Record. July 1963 to September 1969; July 1977 to September 1982; May 1993 to September 1996; and October 1998 to September 30, 2005.

Gage. Data logger and concrete control. Elevation of gage is 6,046 ft above *NGVD* from GPS s urvey.

Remarks. Water discharge records good, except those for winter period, which are poor. One small diversion from left bank about 1.0 mi upstream for irrigation of small orchard. The La Mesa fire, which occurred during mid-June 1977, burned about 40% of the forest cover of this watershed.

Average Discharge. 7 yr (1999–2005) 1.0 ft^3/s, 724 acre-ft/yr.

Extremes for Period of Record. Maximum discharge 3,030 ft^3/s, July 21, 1978, gage height 6.34 ft, site and datum then in use. Minimum daily discharge 0 ft^3/s, July 16–19 and 26, 2003.

Extremes for Current Water Year. Maximum discharge 44 ft^3/s at 0830 h, February 12, gage height 2.70 ft. Minimum daily 0.13 ft^3/s, August 3.

E350 Rito De Los Frijoles at Bandelier

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.64*	1.1	.69	1.3	1.4	2.5*	2.2	5.1	1.3	.39	.17	.47
2	.59*	1.1	.82	1.4	1.3	2.3*	2.2	4.9	1.3	.37	.14	.53
3	.70*	1.1	1.0	1.4	1.0	2.1*	2.1	4.8	1.2	.33	.13	.58
4	.60*	1.1	1.1	1.5	1.3	1.9*	2.2	4.4	1.2	.31	.29	.62
5	.62*	1.0	1.3	1.5	1.7	2.0*	2.5	4.1	1.1	.32	1.5	.79
6	.60*	1.0	1.2	1.5	1.6	2.2*	2.8	3.9	1.1	.30	1.0	.95
7	.62*	1.1	1.1	1.6	1.7	2.1*	3.3	3.8	1.0	.27	.70	.79
8	.58*	1.1	1.0	1.6	1.6	1.9*	3.7	3.8	1.0	.25	.55	.93
9	.62*	1.2	1.0	1.7	1.5	1.8*	3.7	3.6	.98	.26	.49	.71
10	.60*	1.2	.99	1.7	1.6	1.9*	3.6	3.4	.95	.28	.51	.64
11	.90*	1.2	.98	1.8	1.9	1.8*	3.6	3.2	.94	.27	.45	.58
12	.80*	1.1	.97	1.7	25	1.9*	3.6	3.2	.95	.23	2.0	.56
13	.75*	1.1	.96	1.6	14	1.8*	3.5	3.1	.90	.26	1.3	.54
14	.70*	1.1	.89	1.5	6.9	1.8*	4.1	2.9	.86	.27	1.2	.53
15	.80*	1.1	.90	1.5	4.9	1.9*	5.7	2.9	.85	.24	.95	.52
16	.82*	1.1	.96	1.5	5.1	2.2*	9.4	2.7	.84	.39	.87	.51
17	.81*	1.1	.90	1.4	5.2	2.0*	19	2.5	.80	.35	.80	.48
18	.82*	1.1	.90	1.4	6.3	1.8*	20	2.4	.77	.32	.75	.45
19	.82	1.0	.93	1.4	11	1.9*	17	2.4	.75	.24	.74	.45
20	.89	1.3	.93	1.4	12	1.8*	14	2.8	.74	.22	.73	.43
21	.94	1.6	1.0	1.4	7.8	1.9*	11	2.8	.74	.20	.84	.42
22	.98	1.3	1.0	1.3	5.6	1.9	9.1	2.7	.73	.18	.92	.45
23	1.0	1.5	1.0	1.3	5.0*	1.9	7.4	2.6	.69	.21	.81	.59
24	1.1	1.3	1.1	1.3	4.6*	1.8	9.0	2.1	.68	.33	.75	.52
25	1.1	1.2	1.1	1.3	4.0*	1.9	9.3	1.7	.67	.29	.74	.45
26	1.2	1.2	1.1	1.3	3.5*	2.1	8.1	1.6	.75	.30	.64	.42
27	1.2	1.1	1.2	2.0	3.0*	2.1	7.2	1.8	.72	.39	.57	.43
28	1.2	1.1	1.2	1.5	2.7*	2.1	6.6	1.8	.67	.31	.55	1.5
29	1.2	1.1	1.2	1.5	------	2.3	6.3	1.7	.52	.25	.61	4.5
30	1.1	.69	1.3	1.8	------	2.3	5.7	1.5	.41	.20	.53	2.2
31	1.1	------	1.3	1.5	------	2.2	------	1.4	------	.18	.47	------
Total	26.40	34.29	32.02	46.6	143.2	62.1	207.9	91.6	26.11	8.71	22.70	23.54
Mean	.85	1.14	1.03	1.50	5.11	2.00	6.93	2.95	.87	.28	.73	.78
Max	1.2	1.6	1.3	2.0	25	2.5	20	5.1	1.3	.39	2.0	4.5
Min	.58	.69	.69	1.3	1.0	1.8	2.1	1.4	.41	.18	.13	.42
Acre-Ft	52	68	64	92	284	123	412	182	52	17	45	47

Wtr Year	2005	Total	725.17	Mean	1.99	Max	25	Min	.13	Acre-Ft	1440
Cal Year	2004	Total	347.01	Mean	.95	Max	3.9	Min	.20	Acre-Ft	688

* Estimated

Spring Stations

S001 SWSC Line Spring at TA-16

Location. Lat 35°51'1", long 106°20'23", 30 ft upstream from the SWSC line crossing of Cañon de Valle in Laboratory TA-16.

Gage. Data logger with 90° weir. Elevation of gage is 7,437.0 ft above *NGVD* from survey.

Period of Record. October 1, 1996, to September 30, 2005.

Remarks. Water discharge records good. This spring is in the Cañon de Valle drainage.

S001 SWCS Line Spring at TA-16

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.002	0	.002	.006	.005	.018	.020	.028	.020	.009	.004	0
2	.002	0	.003	.007	.004	.017	.020	.028	.020	.008	.004	0
3	.003	0	.004	.007	.004	.018	.019	.029	.021	.007	.004	0
4	.002	0	.003	.005	.005	.017	.018	.028	.017	.009	.004	0
5	.001	0	.005	.008	.005	.018	.018	.029	.015	.010	.005	0
6	0	0	.003	.006	.005	.017	.017	.028	.016	.008	.005	0
7	0	0	.003	.006	.005	.017	.017	.027	.014	.031	.005	.003
8	0	0	.005	.006	.004	.017	.017	.027	.014	.006	.005	.004
9	0	0	.003	.006	.005	.017	.016	.030	.013	.005	.004	.004
10	0	0	.003	.006	.005	.017	.016	.031	.015	.005	.004	.004
11	0	0	.004	.007	.004	.016	.017	.030	.014	.005	.005	.004
12	0	0	.003	.007	.007	.016	.017	.030	.015	.005	.005	.004
13	0	0	.003	.007	.011	.016	.020	.031	.014	.004	.006	.004
14	0	0	.006	.007	.013	.016	.022	.032	.011	.004	.007	.004
15	0	0	.006	.007	.013	.014	.023	.032	.014	.005	.007	.004
16	0	0	.006	.007	.013	.014	.029	.032	.016	.004	.006	.004
17	0	0	.021	.007	.014	.015	.038	.032	.019	.004	.006	.004
18	0	0	.013	.007	.015	.015	.039	.031	.014	.004	.006	.004
19	0	0	.009	.006	.020	.016	.038	.030	.011	.004	.006	.004
20	0	0	.006	.006	.021	.018	.037	.029	.013	.004	.006	.004
21	0	0	.006	.006	.019	.020	.035	.029	.011	.004	.007	.004
22	0	0	.010	.006	.019	.019	.030	.028	.011	.004	.007	.004
23	0	0	.008	.006	.019	.021	.026	.028	.011	.003	.008	.006
24	0	0	.010	.006	.017	.020	.028	.027	.010	.004	.007	.006
25	0	0	.006	.006	.016	.021	.027	.024	.011	.003	.007	.005
26	0	0	.008	.006	.017	.020	.027	.025	.011	.004	.007	.005
27	0	0	.005	.006	.016	.020	.027	.024	.009	.003	.006	.004
28	0	0	.005	.006	.017	.022	.028	.023	.009	.003	.004	.004
29	0	0	.006	.006	------	.023	.028	.020	.009	.004	0	.006
30	0	.001	.007	.005	------	.022	.027	.021	.008	.003	0	.010
31	0	------	.009	.005	------	.021	------	.020	------	.004	0	------
Total	0.010	0.001	0.191	0.195	0.318	0.558	0.741	0.863	0.406	0.180	0.157	0.109
Mean	0	0	.006	.006	.011	.018	.025	.028	.013	.006	.005	.004
Max	.003	.001	.021	.008	.021	.023	.039	.032	.021	.031	.008	.010
Min	0	0	.002	.005	.004	.014	.016	.020	.008	.003	0	0
Acre-Ft	.020	.002	.379	.387	.631	1.11	1.47	1.71	.805	.357	.311	.216

Wtr Year	2005	Total	3.729	Mean	.010	Max	.039	Min	0	Acre-Ft	7.40
Cal Year	2004	Total	0.204	Mean	.001	Max	.021	Min	0	Acre-Ft	.405

S002 Burn Ground Spring at TA-16

Location. Lat 35°50'58", long 106°20'17", 150 yd downstream from the SWSC line crossing of Cañon de Valle in Laboratory TA-16.

Gage. Data logger with 90° weir. Elevation of gage is 7,420.8 ft above *NGVD* from survey.

Period of Record. October 1, 1996, to September 30, 2005.

Remarks. Water discharge records fair. This spring is in the Cañon de Valle drainage.

S002 Burn Ground Spring at TA-16

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.005	.005	.005	.006	.008	.041	.034	.061	.037	.012		
2	.005	.004	.005	.006	.008	.039	.034	.061	.035	.012		
3	.005	.004	.004	.005	.009	.036	.034	.061	.034	.012		
4	.005	.005	.004	.007	.009	.035	.034	.060	.032	.011		
5	.005	.005	.004	.010	.009	.033	.031	.061	.032	.011		
6	.006	.004	.004	.010	.009	.031	.030	.061	.031	.011		
7	.007	.005	.004	.010	.009	.030	.027	.060	.029	.011		
8	.008	.004	.004	.010	.009	.030	.027	.060	.028			
9	.010	.004	.004	.011	.009	.029	.031	.060	.027			
10	.010	.004	.004	.012	.009	.028	.033	.061	.027			
11	.007	.003	.004	.012	.010	.027	.037	.060	.026			
12	.006	.003	.004	.012	.013	.026	.041	.060	.025			
13	.005	.004	.004	.012	.019	.025	.046	.060	.025			
14	.006	.004	.004	.012	.023	.024	.050	.063	.024			
15	.006	.004	.004	.012	.025	.022	.052	.063	.024			
16	.009	.004	.004	.012	.026	.023	.056	.063	.021			
17	.011	.004	.004	.011	.027	.024	.059	.063	.019			
18	.023	.004	.004	.011	.031	.024	.060	.062	.017			
19	.012	.004	.004	.011	.039	.025	.061	.061	.016			
20	.006	.004	.004	.011	.044	.027	.060	.060	.018			
21	.007	.004	.004	.010	.045	.030	.059	.059	.021			
22	.005	.004	.004	.010	.044	.032	.059	.059	.017			
23	.005	.004	.004	.010	.043	.033	.060	.057	.016			
24	.005	.004	.004	.009	.043	.033	.061	.056	.015			
25	.006	.004	.004	.009	.043	.033	.061	.053	.016			
26	.007	.004	.004	.009	.044	.033	.060	.051	.015			
27	.007	.004	.004	.008	.044	.034	.060	.048	.015			
28	.006	.004	.004	.008	.044	.035	.062	.046	.014			
29	.005	.004	.004	.008	------	.037	.060	.044	.013			
30	.005	.004	.005	.008	------	.036	.059	.041	.013			
31	.005	------	.006	.008	------	.035	------	.039	------			------
Total	0.220	0.122	0.125	0.300	0.695	0.950	1.438	1.774	0.682	0.080		
Mean	.007	.004	.004	.010	.025	.031	.048	.057	.023	.011		
Max	.023	.005	.006	.012	.045	.041	.062	.063	.037	.012		
Min	.005	.003	.004	.005	.008	.022	.027	.039	.013	.011		
Acre-Ft	.436	.242	.248	.595	1.38	1.88	2.85	3.52	1.35	.159		

Wtr Year	2005	Total	6.386	Mean	.023	Max	.063	Min	.003	Acre-Ft	12.7
Cal Year	2004	Total	4.466	Mean	.012	Max	.041	Min	.003	Acre-Ft	8.86

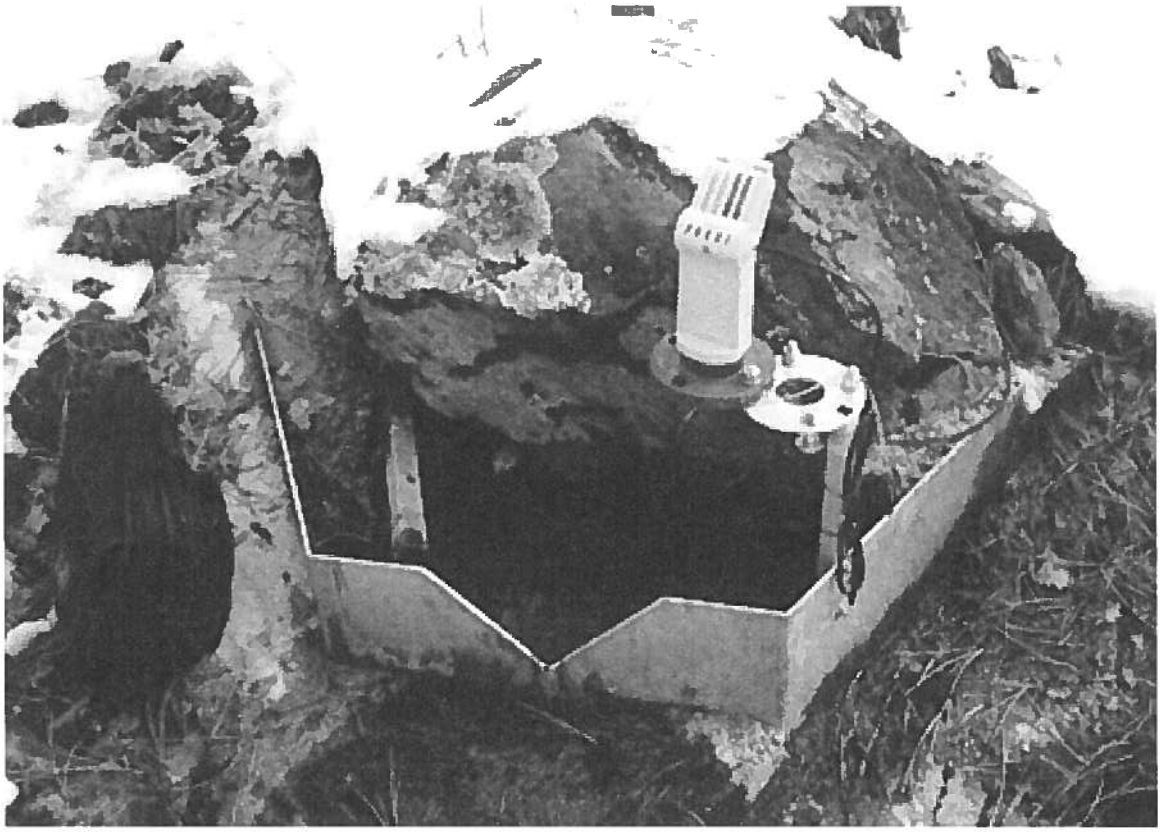
S003 Martin Spring at TA-16

Location. Lat 35°50'32", long 106°20'11", 0.25 mi south of Building 344 in Laboratory TA-16.

Gage. Data logger with 90° weir. Elevation of gage is 7,429.5 ft above *NGVD* from survey.

Period of Record. October 1, 1996, to September 30, 2005.

Remarks. Water discharge records good. This spring is in the Water Canyon drainage.



S003 Martin Spring at TA-16

Daily Mean Discharge in Cubic Feet per Second

Water Year October 2004 to September 2005

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.001	.001	.002	.002	.003	.003	.002	.002	.001	.001	.001	.002
2	.001	.001	.002	.002	.003	.003	.002	.002	.001	.001	.001	.003
3	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.001	.004
4	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.001	.003
5	.001	.001	.001	.003	.003	.002	.002	.003	.001	.001	.002	.002
6	.001	.001	.001	.003	.003	.002	.002	.003	.001	.001	.002	.002
7	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.002	.002
8	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.002	.002
9	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.002	.002
10	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.001	.002
11	.001	.001	.001	.003	.003	.002	.002	.002	.001	.001	.001	.002
12	.001	.001	.001	.003	.004	.002	.002	.002	.001	.001	.001	.002
13	.002	.001	.001	.003	.004	.002	.002	.002	.001	.001	.002	.002
14	.002	.001	.001	.003	.005	.002	.002	.002	.001	.001	.002	.002
15	.002	.001	.001	.003	.005	.002	.001	.002	.001	.001	.002	.002
16	.002	.001	.001	.003	.005	.002	.001	.002	.001	.001	.002	.002
17	.002	.001	.001	.003	.004	.002	.002	.002	.001	.001	.002	.002
18	.002	.001	.001	.003	.004	.002	.002	.002	.001	.001	.002	.002
19	.002	.001	.001	.003	.004	.002	.002	.002	.001	.001	.002	.002
20	.001	.001	.001	.003	.004	.002	.002	.001	.001	.001	.002	.002
21	.001	.001	.001	.003	.004	.002	.002	.001	.001	.001	.002	.002
22	.001	.001	.001	.002	.004	.002	.002	.002	.001	.001	.002	.002
23	.001	.001	.001	.002	.004	.003	.002	.002	.001	.001	.002	.003
24	.001	.001	.001	.002	.004	.002	.002	.002	.001	.001	.003	.003
25	.001	.002	.001	.002	.004	.002	.002	.002	.001	.001	.002	.003
26	.001	.002	.001	.002	.004	.003	.002	.001	.001	.001	.002	.003
27	.001	.002	.001	.002	.004	.003	.002	.001	.001	.001	.002	.003
28	.001	.002	.002	.002	.004	.004	.002	.001	.001	.001	.002	.004
29	.001	.002	.002	.002	------	.004	.002	.001	.001	.001	.002	.003
30	.001	.002	.002	.003	------	.004	.002	.001	.001	.001	.002	.004
31	.001	------	.002	.003	------	.003	------	.001	------	.001	.002	------
Total	0.038	0.036	0.037	0.083	0.104	0.074	0.058	0.056	0.030	0.031	0.056	0.074
Mean	.001	.001	.001	.003	.004	.002	.002	.002	.001	.001	.002	.002
Max	.002	.002	.002	.003	.005	.004	.002	.003	.001	.001	.003	.004
Min	.001	.001	.001	.002	.003	.002	.001	.001	.001	.001	.001	.002
Acre-Ft	.075	.071	.073	.165	.206	.147	.115	.111	.059	.061	.111	.147

Wtr Year	2005	Total	0.677	Mean	.002	Max	.005	Min	.001	Acre-Ft	1.34
Cal Year	2004	Total	0.882	Mean	.002	Max	.012	Min	0	Acre-Ft	1.75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