

## Appendix 12.6 - Water Supply

SUPPLY INFORMATION .....	2
Jemez R BI East Fork Nr Jemez Springs .....	3
Daily Streamflow Statistics .....	3
Monthly Streamflow Statistics .....	4
Calendar Year Streamflow Statistics .....	5
Rio Guadalupe N Jemez Sps .....	6
Daily Streamflow Statistics .....	6
Monthly Streamflow Statistics .....	8
Calendar Year Streamflow Statistics .....	8
Jemez River Near Jemez .....	9
Daily Streamflow Statistics .....	9
Monthly Streamflow Statistics .....	11
Calendar Year Streamflow Statistics .....	13
Jemez River Below Jemez Canyon Dam .....	14
Daily Streamflow Statistics .....	14
Monthly Streamflow Statistics .....	15
Calendar Year Streamflow Statistics .....	17
Rio Puerco Near Bernardo .....	18
Monthly Streamflow Statistics .....	19
Daily Streamflow Statistics .....	21
Calendar Year Streamflow Statistics .....	22
Rio Puerco Abv Arroyo Chico Nr Guadalupe .....	23
Monthly Streamflow Statistics .....	23
Calendar Year Streamflow Statistics .....	25
Daily Streamflow Statistics .....	25
Arroyo Chico Nr Guadalupe .....	27
Daily Streamflow Statistics .....	27
Monthly Streamflow Statistics .....	28
Calendar Year Streamflow Statistics .....	30
Rio Puerco At Rio Puerco .....	31
Daily Streamflow Statistics .....	31
Monthly Streamflow Statistics .....	32
Calendar Year Streamflow Statistics .....	33
Summary of U.S. Geological Survey On-Line Instantaneous Fluvial Sediment Data .....	36
Monthly Climate Summary .....	38
Wolf Canyon, NM .....	38
Jemez Springs, NM .....	38
Star Lake, NM .....	39
Torreon Navajo Mission, NM .....	39
Regina, NM .....	39
Cuba, NM .....	40
Jemez Information .....	41

## SUPPLY INFORMATION

Note the years recorded, as several gauges are no longer operable

### Rio Jemez

Agency	Site Number	Site Name
USGS	08319945	REDONDO CREEK NR JEMEZ SPRINGS, NM
USGS	08321500	JEMEZ R BL EAST FORK NR JEMEZ SPRINGS, NM
USGS	08321900	RIO DE LAS VACAS NEAR SENORITA, NM
USGS	08323000	RIO GUADALUPE AT BOX CANYON NEAR JEMEZ, NM
USGS	08323500	RIO GUADALUPE N JEMEZ SPS, NM
USGS	08324000	JEMEZ RIVER NEAR JEMEZ, NM
USGS	08329000	JEMEZ RIVER BELOW JEMEZ CANYON DAM, NM
USGS	352323106363001	13N.03E.03.223

### Rio Puerco

Agency	Site Number	Site Name
USGS	08329888	LA CUEVA ARROYO TRIB (UPPER) AT ALBQ., NM
USGS	08332700	SAN PABLO CR NR CUBA, NM
USGS	08333500	RIO PUERCO AT CABEZON, NM
USGS	08334000	RIO PUERCO ABV ARROYO CHICO NR GUADALUPE, NM
USGS	08340500	ARROYO CHICO NR GUADALUPE, NM
USGS	08351400	ARROYO COLORADO NEAR CORREO, NM
USGS	08352500	RIO PUERCO AT RIO PUERCO, NM
USGS	08353000	RIO PUERCO NEAR BERNARDO, NM

**USGS 08321500 JEMEZ R BL EAST FORK NR JEMEZ SPRINGS, NM**

Sandoval County, New Mexico  
 Hydrologic Unit Code 13020202  
 Latitude 35°49'39", Longitude 106°38'51" NAD27  
 Drainage area 173.00 square miles  
 Gage datum 6,702.70 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean of monthly streamflows	14.9	19.2	45.5	135	69.2	19.3	16.8	22.8	18.2	20.3	19.7	15.6

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 36 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	14.7	16.5	25.6	86.4	119	26.9	14.9	19.9	21.4	16.0	23.8	16.2
2	13.8	19.6	24.7	85.8	120	26.1	14.5	20.6	19.1	16.9	25.2	15.8
3	13.6	22.1	25.8	88.8	112	25.8	15.0	21.3	18.3	18.3	24.9	16.6
4	16.9	18.5	27.6	103	118	24.5	14.5	21.6	17.2	18.2	23.6	15.9
5	20.1	17.5	25.5	119	106	24.5	14.3	20.3	17.8	18.2	21.6	15.8
6	17.6	16.5	24.2	126	97.4	23.8	14.5	21.1	17.6	17.8	20.4	15.6
7	13.9	16.2	24.0	132	86.3	22.9	13.9	21.8	17.6	17.4	20.8	15.3
8	13.8	16.7	23.2	120	86.1	21.9	14.4	20.7	17.6	16.9	20.3	15.4
9	14.4	17.2	24.7	120	83.4	21.5	15.7	20.9	19.5	17.4	20.4	15.4
10	14.5	17.4	26.4	107	79.8	20.9	16.2	22.4	19.1	17.8	20.4	15.3
11	14.2	16.5	28.1	116	74.2	20.3	16.4	24.0	20.1	20.2	19.9	15.8
12	14.3	16.4	30.5	128	77.5	19.3	16.1	24.6	21.0	20.2	18.8	15.5
13	14.1	17.0	33.4	121	93.5	18.8	15.7	25.0	23.7	18.6	18.3	17.0
14	14.3	17.9	36.0	116	81.1	18.9	15.9	22.0	22.9	19.1	18.4	15.5
15	14.1	17.3	37.4	116	68.5	17.8	16.4	22.4	19.4	19.4	18.5	15.9
16	14.0	17.5	36.3	133	65.0	17.1	16.4	22.0	17.1	18.8	18.3	15.4
17	14.0	17.5	39.9	142	59.1	17.4	18.0	22.0	17.1	20.7	19.3	15.3
18	14.0	16.9	42.7	146	55.2	17.2	17.0	22.2	16.5	21.1	17.9	16.3
19	14.0	17.0	44.4	156	54.1	17.1	17.7	22.4	17.1	20.9	19.3	17.1
20	14.4	17.9	44.5	156	50.3	16.3	17.6	21.4	18.0	21.3	19.9	15.6

<b>21</b>	14.5	22.3	45.8	167	48.5	15.9	18.5	22.0	18.8	20.8	19.0	15.5
<b>22</b>	14.9	20.4	57.1	164	44.2	16.3	18.2	24.7	17.6	29.1	18.4	15.4
<b>23</b>	14.7	20.3	68.5	179	42.5	15.4	19.4	28.7	16.9	23.6	18.7	15.6
<b>24</b>	14.7	21.7	74.7	180	41.3	15.7	19.0	23.8	16.5	21.8	18.5	14.8
<b>25</b>	15.3	23.7	72.9	183	37.8	16.0	18.9	23.4	16.5	22.3	18.6	14.4
<b>26</b>	15.3	25.3	74.1	174	35.3	16.5	18.6	24.3	16.8	21.2	18.9	14.0
<b>27</b>	15.2	25.0	78.0	162	32.4	17.3	18.2	23.1	16.1	20.0	18.0	14.6
<b>28</b>	15.0	24.6	80.0	150	30.6	16.8	17.3	27.0	15.9	19.7	17.1	14.7
<b>29</b>	15.0	38.1	71.6	143	29.8	15.7	18.4	23.7	16.4	21.4	17.6	15.2
<b>30</b>	15.2		76.5	129	27.8	15.4	18.1	23.5	16.0	23.4	16.9	15.9
<b>31</b>	16.6		86.1		27.4		19.6	22.8		22.0		15.7

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year.

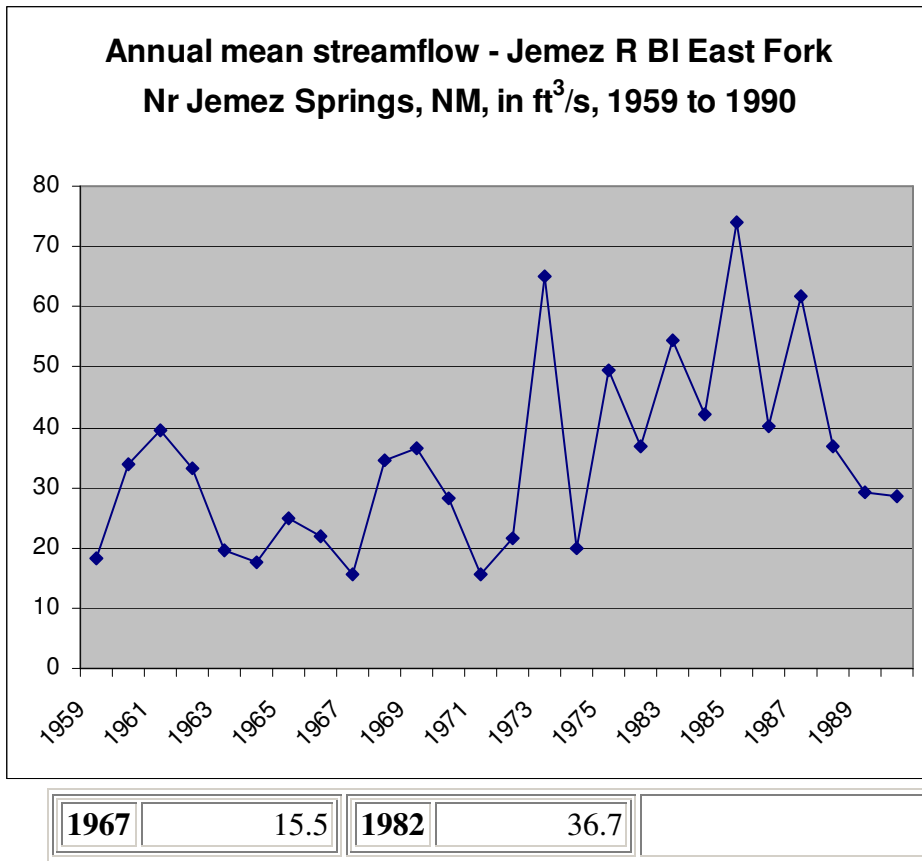
### Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1951</b>						9.17	10.7	13.6	10.3			
<b>1952</b>						12.5	12.3	14.0	12.3			
<b>1953</b>						10.8	13.6	11.5	11.1			
<b>1954</b>						9.92	14.2	13.4	12.5			
<b>1955</b>						9.48	14.6	43.5	14.4			
<b>1956</b>						8.49	10.5	11.7	9.48			
<b>1957</b>						11.7	15.1	38.3	17.0			
<b>1958</b>			27.0	422	167	30.7	14.0	20.8	23.7	16.3	15.4	15.3
<b>1959</b>	14.0	14.8	34.4	30.3	20.5	11.5	11.2	24.1	13.5	14.2	17.2	15.0
<b>1960</b>	16.5	19.0	93.0	133	30.1	15.2	14.6	15.5	12.6	23.4	18.2	15.6
<b>1961</b>	12.0	20.1	49.5	202	43.4	17.6	16.6	35.3	18.6	17.0	27.8	16.9
<b>1962</b>	16.9	24.5	30.8	197	32.5	14.3	15.4	11.2	12.8	14.4	16.3	14.2
<b>1963</b>	12.4	30.9	71.7	20.8	12.5	10.5	11.3	18.6	13.9	11.3	11.9	10.1
<b>1964</b>	10.1	11.6	30.5	61.6	13.6	9.25	14.0	15.0	11.8	9.91	11.7	11.0
<b>1965</b>	12.1	13.6	16.6	119	36.0	16.1	12.9	15.9	13.7	13.1	14.7	15.9
<b>1966</b>	12.7	12.8	78.1	61.9	14.3	12.2	13.6	13.8	12.3	9.94	11.7	10.0
<b>1967</b>	9.98	12.2	20.8	12.8	9.95	10.0	14.5	38.7	23.8	13.0	11.4	8.87

<b>1968</b>	10.5	14.3	22.4	153	105	21.4	16.4	26.4	11.5	11.9	11.5	10.5
<b>1969</b>	9.03	13.3	21.3	142	57.2	19.5	17.8	27.1	32.8	48.4	28.7	19.1
<b>1970</b>	17.9	22.2	28.4	77.6	28.1	23.9	22.8	39.2	32.0	20.3	14.3	11.8
<b>1971</b>	13.6	16.5	17.4	19.2	12.5	9.62	12.4	15.4	13.1	22.6	17.8	18.0
<b>1972</b>	29.6	37.3	47.3	16.0	11.3	13.5	10.9	17.5	17.9	23.4	22.5	12.0
<b>1973</b>	12.0	13.1	23.9	201	385	48.8	18.1	18.7	15.7	13.8	14.7	12.9
<b>1974</b>	11.2	13.3	57.6	37.1	20.9	11.5	15.3	15.5	11.8	19.8	15.8	10.0
<b>1975</b>	11.8	14.2	25.2	234	164	31.5	25.3	18.8	24.6	14.7	13.4	14.2
<b>1976</b>	14.3	20.0	33.7	30.0	29.9	11.8	12.1	14.1	15.1			
<b>1981</b>								16.3	18.7	19.9	13.3	13.9
<b>1982</b>	14.0	15.7	36.8	152	73.9	18.1	15.6	25.6	25.2	18.3	25.8	20.0
<b>1983</b>	18.5	17.9	34.6	264	122	42.6	23.5	36.0	22.3	28.4	24.0	20.6
<b>1984</b>	23.0	23.7	75.3	157	65.1	30.8	22.0	23.3	16.8	25.7	22.6	19.8
<b>1985</b>	21.3	13.4	72.2	387	211	45.9	23.7	20.4	24.1	30.5	21.5	16.6
<b>1986</b>	14.1	41.3	47.6	77.6	35.6	37.2	42.7	36.3	25.3	39.8	61.1	24.0
<b>1987</b>	18.0	24.1	45.7	359	132	38.3	20.8	22.6	17.1	19.0	25.1	21.2
<b>1988</b>	19.8	21.4	51.6	106	44.1	23.8	21.3	46.7	43.5	23.8	20.9	17.4
<b>1989</b>	14.7	21.7	125	51.5	21.5	12.5	14.8	21.8	17.8	19.9	14.8	12.2
<b>1990</b>	11.3	15.4	54.6	55.0	37.9	16.4	23.3	22.9	25.6	24.9	27.7	28.6
<b>Mean of monthly streamflows</b>	14.9	19.2	45.5	135	69.2	19.3	16.8	22.8	18.2	20.3	19.7	15.6

### Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
<b>1959</b>	18.4	<b>1968</b>	34.5	<b>1983</b>	54.5
<b>1960</b>	33.8	<b>1969</b>	36.4	<b>1984</b>	42.1
<b>1961</b>	39.6	<b>1970</b>	28.2	<b>1985</b>	74.0
<b>1962</b>	33.1	<b>1971</b>	15.7	<b>1986</b>	40.1
<b>1963</b>	19.6	<b>1972</b>	21.6	<b>1987</b>	61.6
<b>1964</b>	17.5	<b>1973</b>	65.1	<b>1988</b>	36.7
<b>1965</b>	24.9	<b>1974</b>	20.0	<b>1989</b>	29.2
<b>1966</b>	22.0	<b>1975</b>	49.3	<b>1990</b>	28.7



**USGS 08323500 RIO GUADALUPE N JEMEZ SPS, NM**

Sandoval County, New Mexico  
 Hydrologic Unit Code 13020202  
 Latitude 35°42'10", Longitude 106°45'15" NAD27  
 Drainage area 230.00 square miles

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Mean of monthly streamflows</b>	15.7	20.0	49.4	236	409	113	26.6	18.6	17.3	38.3	28.6	17.4

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 5 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

<b>1</b>	16.8	14.5	24.8	107	377	232	36.8	18.1	13.5	29.0	42.6	23.7
<b>2</b>	15.5	15.7	23.5	111	446	205	35.6	18.9	12.9	24.7	42.0	21.7
<b>3</b>	14.1	16.3	24.0	122	351	194	34.1	19.6	13.0	28.5	39.0	22.0
<b>4</b>	12.4	16.8	23.3	192	400	198	32.9	19.1	12.4	44.5	38.7	23.0
<b>5</b>	11.5	18.0	24.5	271	361	190	36.5	20.4	12.0	36.2	37.7	17.5
<b>6</b>	14.9	17.3	23.8	240	479	178	32.8	18.4	12.5	40.9	35.3	18.7
<b>7</b>	14.9	19.8	24.0	168	559	179	29.9	23.7	12.7	34.5	32.6	19.2
<b>8</b>	16.6	20.0	21.8	161	534	180	28.5	22.9	12.5	29.8	29.3	17.8
<b>9</b>	16.6	17.8	25.3	184	589	151	28.1	23.6	13.5	27.3	29.6	19.0
<b>10</b>	14.7	16.3	26.0	214	596	125	26.4	23.2	13.4	25.3	28.3	20.7
<b>11</b>	16.2	18.5	26.8	203	627	113	23.6	18.2	13.2	23.3	26.2	20.6
<b>12</b>	15.7	18.8	27.8	223	652	110	31.1	18.8	13.4	22.8	25.3	17.9
<b>13</b>	16.2	18.5	28.8	219	655	115	25.3	18.9	14.1	28.5	28.3	17.4
<b>14</b>	15.8	17.3	31.5	230	586	119	25.5	17.2	17.9	54.3	28.8	15.1
<b>15</b>	15.1	19.3	32.3	246	483	105	29.7	21.0	21.7	41.6	29.2	15.3
<b>16</b>	14.9	18.5	35.8	245	423	100	29.2	17.8	16.5	33.6	27.4	13.8
<b>17</b>	14.3	19.0	44.8	300	402	95.8	25.3	16.9	15.7	31.0	26.4	16.2
<b>18</b>	14.1	19.0	49.8	277	402	92.5	25.8	15.2	15.3	28.7	29.5	15.6
<b>19</b>	16.8	21.3	58.0	225	342	85.6	22.5	13.8	18.7	28.3	27.9	14.7
<b>20</b>	17.0	22.8	60.5	202	329	78.3	28.6	13.8	17.0	28.0	20.3	14.0
<b>21</b>	17.3	24.5	60.8	198	308	71.7	24.4	14.1	14.7	29.0	25.0	15.8
<b>22</b>	15.5	24.5	73.3	228	316	71.3	22.2	13.9	25.2	36.3	26.9	14.4
<b>23</b>	17.3	25.5	104	349	299	69.4	19.9	13.8	34.0	34.0	19.9	11.8
<b>24</b>	14.7	26.0	102	291	302	61.0	19.2	14.4	18.6	40.3	22.3	14.6
<b>25</b>	15.7	25.3	80.3	278	293	58.2	17.9	14.8	16.5	80.0	23.3	14.1
<b>26</b>	14.8	23.0	76.8	287	288	51.7	17.9	15.3	15.0	68.7	22.6	11.7
<b>27</b>	15.7	22.5	76.5	305	291	48.1	19.3	15.0	15.2	52.9	24.7	12.2
<b>28</b>	18.5	23.0	72.0	323	263	44.5	26.4	16.3	15.2	51.3	22.8	13.6
<b>29</b>	19.0		72.8	342	254	40.0	28.0	16.0	39.6	55.7	23.4	16.4
<b>30</b>	17.0		80.5	368	239	37.1	22.8	16.8	33.2	50.7	23.0	16.5
<b>31</b>	17.1		94.5		234		19.3	15.2		46.7		17.3

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year.

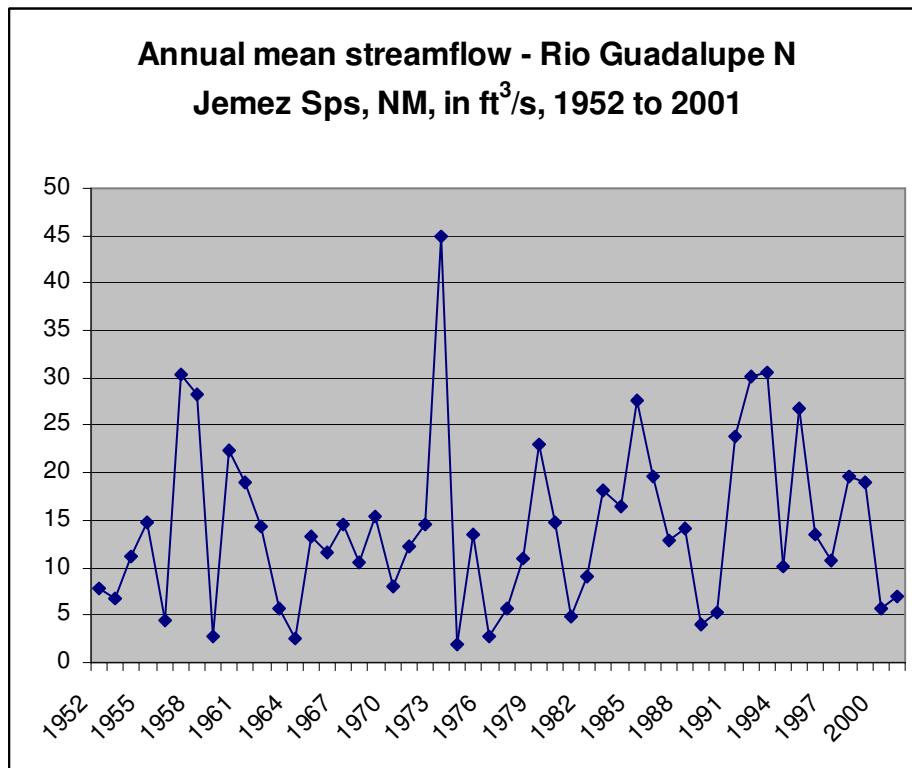
### Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1939	11.3	12.1	72.7	168	76.2	15.6	12.2	12.5	11.7			
1940										12.1	11.8	11.9
1941	14.6	27.2	69.7	308	1,191	355	65.8	37.3	37.1	92.3	64.2	32.1
1942	28.4	27.0	38.7	413	345	75.3	24.3	20.0	20.0			
1949									10.6	10.5	9.86	8.23
1950	8.51	13.6	16.3	56.8	23.7	7.67	4.13	4.57	7.12			
Mean of monthly streamflows	15.7	20.0	49.4	236	409	113	26.6	18.6	17.3	38.3	28.6	17.4

### Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1952	7.71	1965	13.2	1978	11.0	1990	5.26
1953	6.75	1966	11.6	1979	23.1	1991	23.8
1954	11.1	1967	14.6	1980	14.8	1992	30.2
1955	14.7	1968	10.6	1981	4.94	1993	30.5
1956	4.45	1969	15.5	1982	9.06	1994	10.2
1957	30.3	1970	7.94	1983	18.2	1995	26.7
1958	28.2	1971	12.3	1984	16.4	1996	13.5
1959	2.78	1972	14.5	1985	27.6	1997	10.7
1960	22.3	1973	44.9	1986	19.6	1998	19.7
1961	18.9	1974	1.87	1987	12.9	1999	18.9
1962	14.3	1975	13.4	1988	14.1	2000	5.69
1963	5.65	1976	2.67	1989	3.95	2001	6.90
1964	2.52	1977	5.80				





**USGS 08324000 JEMEZ RIVER NEAR JEMEZ, NM**

Sandoval County, New Mexico  
 Hydrologic Unit Code 13020202  
 Latitude 35°39'42", Longitude 106°44'34" NAD27  
 Drainage area 470.00 square miles  
 Contributing drainage area 470.00 square miles  
 Gage datum 5,622.00 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft³/s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean of monthly streamflows	28.7	36.1	92.6	262	220	62.8	32.4	43.9	34.3	36.1	37.3	29.3

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 56 years of record <sup>1</sup> , in ft³/s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	27.1	30.1	47.7	159	283	119	32.5	44.8	39.5	32.5	41.2	32.1
2	26.9	32.3	47.6	166	282	112	30.2	45.1	37.5	30.8	42.8	31.7

<b>3</b>	26.8	32.3	48.7	165	279	103	30.3	45.1	34.1	31.3	41.0	31.5
<b>4</b>	26.6	32.1	49.6	181	291	97.1	30.1	43.6	32.2	32.3	42.6	31.2
<b>5</b>	27.8	31.8	49.4	199	290	92.7	28.4	48.7	33.4	31.0	40.5	31.5
<b>6</b>	27.7	31.2	50.4	202	277	91.3	27.3	53.0	38.3	29.9	39.3	31.0
<b>7</b>	27.3	32.1	51.7	214	256	87.2	27.1	46.1	39.7	30.5	38.7	33.3
<b>8</b>	27.8	32.5	52.8	219	256	83.7	26.9	41.8	35.3	36.4	38.2	32.5
<b>9</b>	28.3	32.1	55.1	226	257	84.8	29.2	42.9	36.9	31.9	37.8	29.8
<b>10</b>	28.3	32.3	58.7	226	260	75.2	30.4	46.1	35.9	34.3	37.4	30.3
<b>11</b>	28.3	32.3	62.2	235	258	73.4	30.5	48.9	38.9	33.0	37.6	29.6
<b>12</b>	28.7	33.1	66.1	245	254	66.2	29.9	48.1	38.7	34.1	38.3	29.3
<b>13</b>	28.5	34.0	73.4	239	264	63.2	30.9	45.0	44.1	32.0	37.6	29.2
<b>14</b>	28.1	37.0	76.7	239	250	62.7	29.7	42.9	39.9	31.6	36.6	28.8
<b>15</b>	28.0	39.0	78.4	241	231	57.1	34.1	49.6	37.7	32.9	37.5	28.3
<b>16</b>	29.1	36.6	81.1	255	222	54.6	30.0	44.9	32.4	32.4	36.8	28.9
<b>17</b>	28.9	36.3	86.8	271	215	49.9	30.9	43.3	31.1	33.6	36.9	28.5
<b>18</b>	28.3	35.3	96.8	289	205	51.0	31.1	43.4	31.1	38.4	36.2	29.3
<b>19</b>	29.2	35.6	104	303	202	45.8	34.5	42.8	33.9	43.5	36.2	28.7
<b>20</b>	29.6	37.4	109	317	201	43.7	33.1	41.8	33.0	41.7	35.8	28.7
<b>21</b>	29.7	38.7	111	325	204	42.6	34.6	39.0	32.4	40.7	35.7	27.9
<b>22</b>	29.5	38.4	123	323	196	41.9	32.4	43.5	31.6	47.2	34.8	27.6
<b>23</b>	28.9	39.5	131	332	185	37.4	34.7	41.7	29.7	39.6	34.5	27.5
<b>24</b>	28.8	40.1	141	325	178	35.7	33.6	43.0	28.4	38.3	35.1	27.3
<b>25</b>	29.0	42.3	142	333	166	36.6	34.9	41.8	28.6	39.6	40.3	27.9
<b>26</b>	30.3	43.8	150	332	158	35.9	37.0	41.1	28.5	39.1	38.3	27.8
<b>27</b>	30.9	44.1	148	324	151	34.5	37.3	39.2	27.8	39.5	34.7	27.4
<b>28</b>	30.4	44.2	149	324	146	35.6	41.0	41.4	36.0	39.8	31.9	27.8
<b>29</b>	30.3	50.4	141	329	140	34.0	39.0	41.7	28.7	39.3	33.3	28.3
<b>30</b>	29.3		138	330	140	34.8	35.6	40.7	32.7	41.0	31.9	27.7
<b>31</b>	30.5		150		128		37.5	38.7		40.7		27.7

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year.

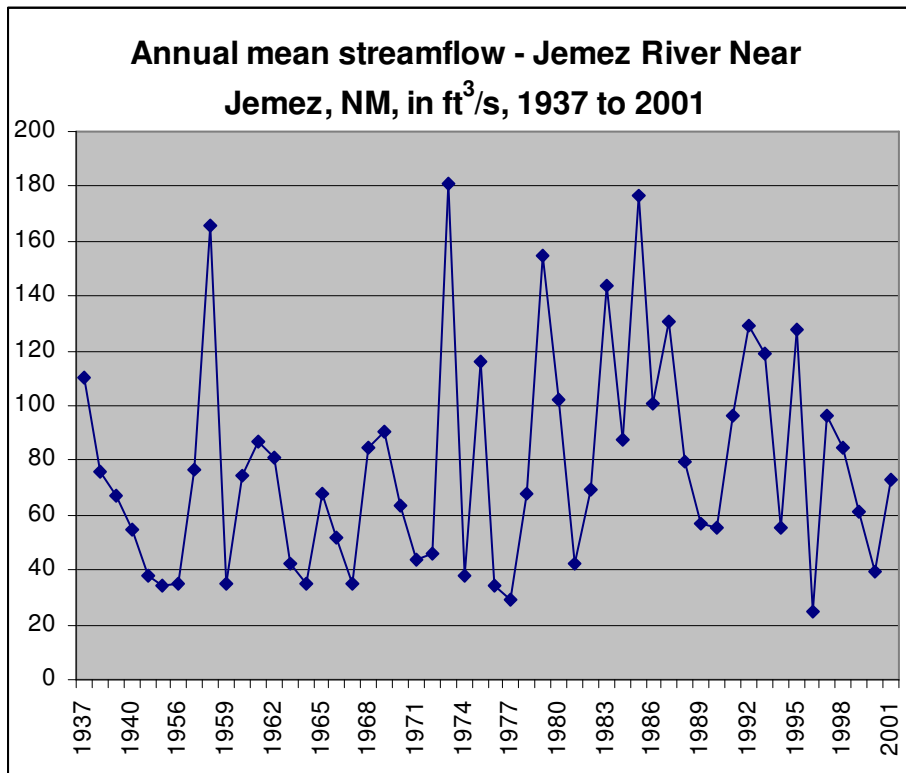
## Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1936										64.9	57.6	41.7
1937	21.2	52.0	118	572	259	89.8	58.8	31.5	29.8	36.4	28.3	27.2
1938	28.2	34.4	99.6	181	226	50.4	36.4	21.9	110	61.3	32.8	26.2
1939	28.6	32.7	208	255	96.9	20.3	26.0	28.4	28.6	30.7	26.4	26.9
1940	27.5	30.1	129	155	93.7	28.7	30.7	37.6	27.8	28.6	31.6	33.4
1941	37.2	53.4	126	632								
1949										26.3	24.9	23.5
1950	24.6	34.9	56.4	85.4	32.1	15.3	19.6	15.2	23.4			
1953			44.3	63.3	52.8	19.2	24.2	22.9	13.0	18.1	22.3	20.5
1954	22.6	36.0	74.5	110	68.0	17.1	25.5	20.5	18.4	22.1	18.5	19.4
1955	19.8	19.9	46.9	43.3	57.4	11.9	26.8	101	24.3	17.0	21.1	20.3
1956	21.9	24.8	110	103	53.8	12.3	15.0	15.8	11.1	14.5	18.4	17.0
1957	23.2	41.1	44.7	94.7	194	93.7	28.6	121	29.5	91.1	103	51.2
1958	36.9	46.9	73.6	961	626	73.4	21.8	35.5	40.8	29.7	27.0	26.2
1959	24.0	27.3	50.4	76.1	63.9	20.6	15.8	43.8	18.8	27.8	29.2	21.9
1960	24.2	27.1	153	345	139	40.1	23.7	25.6	17.6	38.2	31.1	28.4
1961	21.7	31.4	81.4	393	239	43.3	30.0	57.4	32.7	33.0	50.5	33.1
1962	31.3	50.1	55.4	475	175	32.5	29.7	21.1	21.8	29.0	30.2	25.4
1963	21.9	50.6	113	121	40.5	12.9	17.1	38.5	24.9	21.1	26.9	21.2
1964	19.9	22.2	39.6	105	74.1	19.0	25.5	34.0	18.3	17.3	21.3	19.9
1965	24.6	24.9	31.9	230	248	76.1	30.5	29.2	25.1	25.0	32.4	37.9
1966	27.8	29.0	127	171	95.7	33.8	25.2	28.3	20.2	17.5	20.8	24.3
1967	17.7	25.3	41.3	46.1	22.5	18.0	27.0	111	48.2	25.4	23.5	17.4
1968	21.6	26.7	48.8	276	368	72.5	37.0	67.6	22.8	21.9	30.1	23.1
1969	24.4	24.1	41.0	336	278	63.6	34.1	53.2	60.5	79.0	56.0	36.5
1970	28.1	31.4	39.3	155	180	67.4	49.2	66.6	52.5	37.4	31.0	25.2
1971	29.9	31.4	50.6	69.8	42.9	14.9	29.8	47.1	32.1	82.1	57.6	34.3
1972	33.7	56.8	102	45.5	24.2	23.5	14.5	24.3	48.2	72.1	63.4	40.1
1973	32.4	37.2	71.2	489	1,118	212	48.5	36.6	31.0	28.6	28.1	22.2
1974	24.6	26.5	75.1	97.0	66.6	16.3	20.1	26.0	15.0	34.4	33.5	22.8
1975	25.7	29.8	62.8	454	514	116	43.8	30.8	41.4	22.0	25.8	22.2

<b>1976</b>	23.5	35.5	49.8	77.7	75.2	21.4	23.0	26.2	21.3	22.1	21.4	18.4
<b>1977</b>	16.6	20.2	32.1	68.2	45.5	12.8	27.4	43.6	22.7	19.1	24.7	19.8
<b>1978</b>	24.2	29.0	91.1	213	208	60.1	19.4	22.6	17.3	22.4	69.7	35.0
<b>1979</b>	42.2	46.7	105	607	590	274	54.4	42.3	23.6	20.9	26.9	23.4
<b>1980</b>	25.8	33.8	54.1	360	475	127	24.0	27.7	23.0	25.0	26.2	28.0
<b>1981</b>	26.0	25.4	31.6	125	87.3	39.5	26.2	24.6	44.6	34.6	22.9	22.4
<b>1982</b>	22.8	25.6	54.3	229	235	61.3	24.3	42.4	42.7	28.4	36.9	32.6
<b>1983</b>	33.4	38.1	101	503	582	221	45.2	74.3	33.9	37.8	25.4	29.1
<b>1984</b>	33.9	35.8	86.1	275	324	73.5	34.5	38.3	24.8	50.4	42.4	33.1
<b>1985</b>	33.8	36.8	221	779	614	124	63.0	47.0	51.9	63.7	49.8	41.6
<b>1986</b>	37.1	72.3	103	233	182	89.0	78.5	57.3	63.0	109	128	58.2
<b>1987</b>	42.1	54.5	133	638	398	95.7	36.7	42.8	28.9	30.8	45.2	33.3
<b>1988</b>	37.2	42.6	103	220	166	50.4	37.9	88.1	92.0	42.4	43.1	32.3
<b>1989</b>	28.2	36.3	207	139	47.6	21.0	34.7	39.5	35.5	39.3	25.2	23.5
<b>1990</b>	27.4	27.1	74.7	127	127	28.8	44.3	38.4	61.4	36.9	45.1	27.8
<b>1991</b>	28.0	33.6	71.7	344	207	78.5	61.4	92.5	95.8	35.8	56.8	54.4
<b>1992</b>	49.6	56.1	163	630	358	95.2	33.8	43.0	28.1	27.2	33.6	32.4
<b>1993</b>	41.6	43.1	193	502	350	108	30.6	40.3	34.3	28.0	33.0	28.1
<b>1994</b>	25.9	30.9	57.5	124	179	32.8	16.7	37.8	29.1	38.9	47.9	46.8
<b>1995</b>	50.6	77.1	301	242	395	235	66.5	48.7	32.9	31.5	28.1	27.3
<b>1996</b>	22.7	29.0	26.0	30.9	13.5	10.5	18.4	18.8	18.8	29.8	42.8	32.9
<b>1997</b>	40.7	41.6	194	244	302	112	30.8	52.0	42.4	30.2	31.4	29.2
<b>1998</b>	30.4	34.4	161	228	266	48.2	32.9	37.8	27.6	47.4	57.7	37.1
<b>1999</b>	30.1	32.0	50.4	122	157	49.4	43.9	128	46.6	26.5	23.8	24.6
<b>2000</b>	28.8	31.8	51.5	132	62.5	17.6	18.3	17.9	13.5	35.9	36.1	28.0
<b>2001</b>	25.3	32.0	124	326	197	29.2	23.8	31.3	19.9	18.8	25.0	23.9
<b>2002</b>	24.0	24.7	30.7	24.8	15.8	21.6	17.4	17.5	21.5			
<b>Mean of monthly streamflows</b>	28.7	36.1	92.6	262	220	62.8	32.4	43.9	34.3	36.1	37.3	29.3

## Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1937	110	1963	42.3	1976	34.6	1989	56.6
1938	75.9	1964	34.7	1977	29.5	1990	55.6
1939	67.5	1965	68.0	1978	67.7	1991	96.7
1940	54.6	1966	51.8	1979	155	1992	129
1954	37.7	1967	35.4	1980	102	1993	119
1955	34.3	1968	84.9	1981	42.5	1994	55.7
1956	34.8	1969	90.7	1982	69.7	1995	128
1957	76.5	1970	63.7	1983	144	1996	24.5
1958	166	1971	43.6	1984	87.7	1997	96.1
1959	35.0	1972	45.7	1985	177	1998	84.4
1960	74.2	1973	181	1986	101	1999	61.4
1961	87.2	1974	38.2	1987	131	2000	39.5
1962	81.0	1975	116	1988	79.5	2001	73.1



**USGS 08329000 JEMEZ RIVER BELOW JEMEZ CANYON DAM, NM**

[http://waterdata.usgs.gov/nm/nwis/uv/gen\\_stn\\_pg?station=08329000](http://waterdata.usgs.gov/nm/nwis/uv/gen_stn_pg?station=08329000)

Sandoval County, New Mexico

Hydrologic Unit Code 13020202

Latitude 35°23'24", Longitude 106°32'03" NAD27

Drainage area 1,038.00 square miles

Gage datum 5,095.60 feet above sea level NGVD29

Period of record From 1936-04-01 to 2002-09-30

**Monthly mean streamflow, in ft<sup>3</sup>/s**

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Dec
23.7	28.3	64.8	195	185	73.2	25.3	42.4	24.2	28.9	29.4	21.3	21.3

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 62 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	17.9	25.1	30.5	111	231	109	39.0	58.9	27.9	28.7	25.9	23.5
2	15.6	24.1	32.7	131	224	104	37.4	56.3	26.6	28.5	25.1	24.7
3	15.8	29.3	33.7	130	241	114	43.4	57.4	18.1	22.0	27.5	23.2
4	17.6	27.1	33.6	128	254	103	37.0	40.3	11.0	22.0	34.3	20.5
5	19.2	24.4	33.3	145	270	91.9	30.8	30.2	12.8	23.4	31.6	19.9
6	20.4	23.4	34.0	150	245	89.2	25.2	25.4	16.3	19.4	35.2	20.8
7	22.9	24.9	38.1	152	237	83.4	26.4	27.2	22.9	23.4	42.7	20.8
8	25.2	27.3	42.7	164	247	76.0	38.3	31.3	29.9	27.5	39.6	20.2
9	25.5	26.9	42.1	175	226	67.2	24.2	37.0	20.7	23.2	34.2	21.2
10	25.9	28.5	44.6	199	212	66.9	18.4	34.7	26.1	15.8	32.4	21.4
11	25.6	28.5	46.6	205	219	68.1	32.4	39.3	36.4	14.8	26.4	20.3
12	25.3	27.1	48.7	215	210	71.9	31.9	51.6	26.9	15.0	28.4	22.0
13	23.6	28.8	57.5	226	186	74.4	25.1	36.7	33.8	14.7	29.0	21.6
14	26.0	29.5	60.7	234	198	87.7	22.3	28.0	25.2	17.7	29.6	20.6
15	24.5	31.5	57.4	244	197	96.6	20.3	40.4	22.9	25.8	30.0	20.3
16	21.3	30.5	59.0	235	208	110	17.9	79.0	17.8	49.3	32.7	21.3
17	20.2	30.0	64.1	235	208	105	20.2	72.7	16.7	33.9	32.9	20.7
18	22.4	29.4	64.7	224	196	106	24.9	57.6	15.8	39.4	29.8	19.5
19	25.5	30.3	67.7	215	182	97.6	21.3	51.7	19.4	44.9	27.0	18.8
20	28.2	29.9	75.0	206	165	77.2	17.2	46.5	21.3	26.4	26.6	20.5

<b>21</b>	28.5	28.3	75.6	205	153	76.9	13.6	41.0	17.8	24.7	25.1	21.3
<b>22</b>	24.1	31.3	77.0	210	153	68.5	15.8	39.4	22.9	41.8	23.6	22.3
<b>23</b>	21.9	29.6	82.0	218	146	35.0	27.0	33.6	21.9	58.1	25.4	22.9
<b>24</b>	21.7	29.9	96.4	220	127	20.3	48.1	34.1	26.5	68.6	29.2	21.8
<b>25</b>	22.8	30.6	100.0	218	117	24.3	21.4	34.1	22.7	44.6	29.6	20.8
<b>26</b>	22.6	29.9	102	215	112	30.8	17.3	45.5	50.1	27.5	28.7	21.1
<b>27</b>	24.1	27.3	107	201	111	30.5	12.9	46.3	42.2	21.9	27.2	22.9
<b>28</b>	26.5	28.4	98.7	203	109	38.5	12.4	28.8	26.3	19.0	25.7	22.2
<b>29</b>	29.6	36.4	98.0	204	114	37.2	16.0	44.3	23.2	20.8	24.1	22.0
<b>30</b>	33.1		101	221	113	33.1	21.4	35.8	24.2	24.9	23.6	22.6
<b>31</b>	29.1		104		112		26.0	28.4		27.2		19.3

<sup>1</sup> - Available period of record may be less than value shown for certain days of the year.

### Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1936</b>				665	152	8.53	30.8	4.25	86.6	52.1	50.6	28.3
<b>1937</b>	9.74	61.9	67.2	553	279	90.8	27.9	5.39	4.23			
<b>1943</b>				171	45.9	1.47	14.5	12.8	.87	12.5	33.0	32.5
<b>1944</b>	40.0	33.4	45.0	248	261	21.6	11.3	16.4	3.17	106	34.0	18.7
<b>1945</b>	28.8	26.0	36.3	578	390	13.7	.032	17.8	.000	4.94	15.3	26.6
<b>1946</b>	15.5	18.6	27.1	56.5	11.8	.000	.29	43.1	4.67	15.6	21.2	22.3
<b>1947</b>	16.4	20.1	63.8	76.6	61.0	.000	.000	33.4	2.97	12.7	10.6	8.84
<b>1948</b>	8.77	39.9	38.2	382	149	35.6	.000	2.81	15.3	4.87	11.8	20.4
<b>1949</b>	11.4	14.4	47.7	444	311	15.1	18.2	9.48	1.53	8.68	15.7	8.23
<b>1950</b>	4.84	24.5	23.7	58.3	3.39	.000	.84	.13	23.1	3.32	4.27	6.81
<b>1951</b>	3.13	22.9	20.2	5.63	35.3	1.60	37.2	87.1	.47	2.68	5.77	11.4
<b>1952</b>	21.5	21.3	31.1	218	176	25.2	9.48	23.4	.87	.065	4.87	14.6
<b>1953</b>	18.2	19.5	31.8	22.1	8.51	.36	2.43	4.66	.007	.49	9.49	11.4
<b>1954</b>	20.5	18.4	40.9	77.0	49.3	.000	54.1	24.3	27.5	30.5	10.4	13.0
<b>1955</b>	22.2	17.7	23.1	13.9	27.4	.000	52.1	113	.80	.000	3.82	14.7
<b>1956</b>	19.8	15.0	53.3	64.5	16.0	.000	.35	31.7	.000	.000	4.03	9.13
<b>1957</b>	18.3	33.1	34.0	74.0	147	70.2	6.13	158	24.8	178	179	50.1

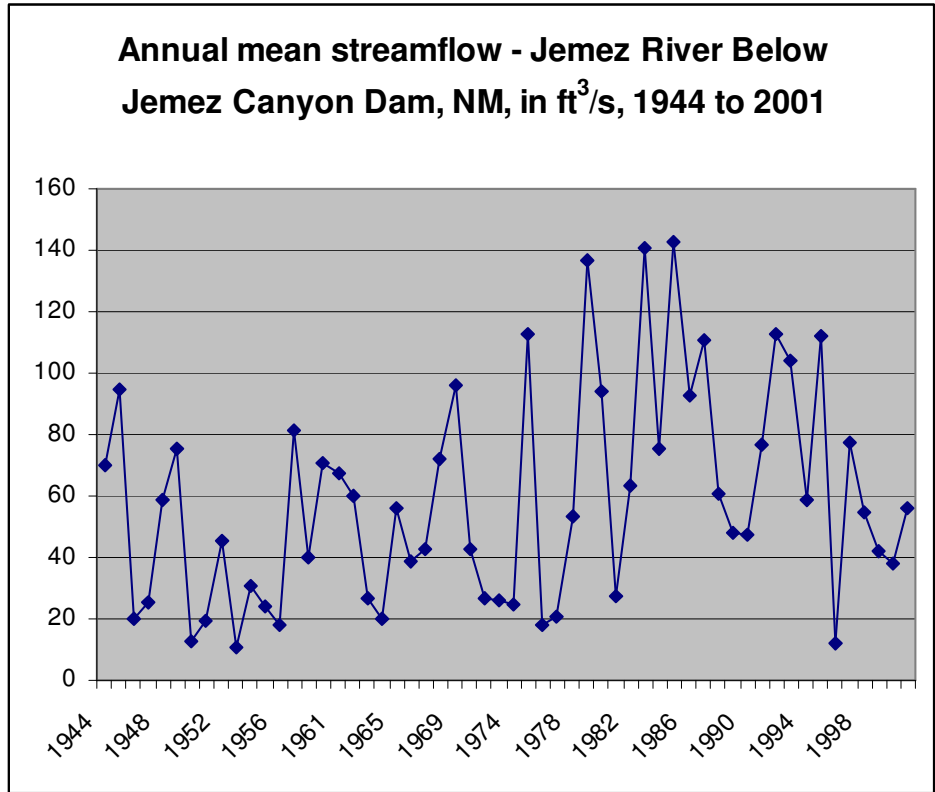
<b>1958</b>	38.1	46.5	75.0	125	6.10	988	137	8.33	22.0	19.6	23.1	22.3
<b>1959</b>	23.3	21.8	34.9	94.0	84.4	.11	4.06	133	.18	10.6	34.8	33.9
<b>1960</b>	34.9	42.2	139	347	120	20.7	.003	9.81	.000	90.9	32.3	15.0
<b>1961</b>	14.5	27.6	70.5	368	186	5.56	.56	59.4	8.97	13.1	33.3	24.9
<b>1962</b>	22.8	46.6	40.2	254	282	4.63	.48	.19	5.08	21.5	24.7	20.5
<b>1963</b>	18.7	56.7	86.4	94.3	8.00	.000	.000	11.7	7.09	12.1	15.4	10.6
<b>1964</b>	13.6	20.9	22.6	87.8	40.2	1.39	.55	25.9	2.74	.25	10.3	13.1
<b>1965</b>	20.5	26.9	26.4	175	227	65.5	16.7	32.2	20.7	11.0	19.1	31.4
<b>1966</b>	23.9	25.9	104	153	60.4	7.90	2.65	55.1	.16	2.34	16.4	14.8
<b>1967</b>	12.3	12.2	17.0	21.5	9.44	78.5	47.3	187	98.5	3.46	11.1	13.3
<b>1968</b>	28.6	27.9	44.7	247	306	45.3	13.4	109	.44	.32	18.8	17.2
<b>1969</b>	27.8	23.4	16.9	267	263	149	16.3	72.6	63.9	175	47.9	29.0
<b>1970</b>	26.2	26.5	31.4	101	142	31.3	31.3	50.1	22.2	12.2	18.3	18.5
<b>1971</b>	8.90	14.1	25.2	47.5	17.5	.000	4.24	58.5	7.73	79.9	34.9	17.5
<b>1972</b>	14.2	24.5	60.6	13.9	.000	.53	.65	8.77	53.0	39.9	67.2	32.3
<b>1973</b>	17.9	29.3	76.2	343	968	520	21.4	13.4	2.62	7.47	11.7	19.9
<b>1974</b>	30.4	30.6	66.2	53.7	34.2	.000	2.18	9.45	.50	25.9	29.4	11.5
<b>1975</b>	17.0	23.5	60.0	388	637	85.2	32.7	17.5	48.2	6.39	16.9	18.6
<b>1976</b>	14.5	34.6	40.2	51.0	37.6	.000	1.79	18.6	2.40	5.43	9.63	2.15
<b>1977</b>	21.5	17.8	27.4	75.3	11.1	7.34	26.7	28.5	2.37	.35	15.3	15.8
<b>1978</b>	21.4	24.9	72.6	205	182	52.0	8.55	11.6	.000	.41	46.6	13.4
<b>1979</b>	50.5	43.5	79.4	222	703	363	88.2	40.3	1.38	.69	23.7	17.1
<b>1980</b>	29.5	30.3	33.8	268	585	129	1.57	1.17	6.27	1.02	14.4	22.6
<b>1981</b>	19.8	15.0	13.7	100	67.2	13.5	22.5	3.87	20.4	31.2	6.89	16.3
<b>1982</b>	19.7	19.5	44.0	194	248	16.9	1.45	51.1	80.5	12.5	38.7	34.4
<b>1983</b>	26.5	45.2	95.8	461	617	273	15.0	55.4	8.25	30.5	50.7	12.5
<b>1984</b>	41.8	27.2	83.5	264	291	49.8	18.3	40.5	.040	55.6	30.1	.20
<b>1985</b>	.25	.34	250	772	373	66.6	29.9	35.0	78.9	61.8	19.5	23.4
<b>1986</b>	55.4	46.3	40.0	63.3	298	43.8	20.0	20.7	131	193	121	74.4
<b>1987</b>	35.7	75.1	131	104	55.5	453	358	29.8	5.92	2.43	54.2	27.2
<b>1988</b>	33.7	28.8	36.6	120	183	36.4	33.6	54.2	157	33.3	2.47	12.6
<b>1989</b>	24.7	40.8	172	200	9.82	6.21	13.9	48.3	4.42	19.5	3.07	29.4
<b>1990</b>	22.2	29.5	74.8	119	108	8.29	40.7	45.5	20.9	33.0	42.7	20.0
<b>1991</b>	29.8	28.9	62.1	173	2.52	.32	92.8	247	129	15.4	70.0	68.7
<b>1992</b>	50.8	38.2	105	260	669	105	5.12	35.0	6.83	8.10	34.5	33.7



<b>1993</b>	56.1	49.0	194	484	166	184	19.4	5.65	31.3	5.97	29.6	25.9
<b>1994</b>	3.50	.81	97.9	50.6	200	39.3	12.1	110	23.4	.20	126	38.8
<b>1995</b>	4.48	2.93	288	257	425	170	76.3	38.7	12.0	10.6	30.1	23.1
<b>1996</b>	20.9	34.2	21.8	.96	.72	1.15	17.9	23.5	9.14	11.2	2.22	1.46
<b>1997</b>	28.2	28.1	112	241	285	98.6	10.9	43.4	28.4	11.0	11.6	28.5
<b>1998</b>	34.8	38.3	75.8	164	199	18.9	10.7	9.30	3.45	28.0	47.8	27.4
<b>1999</b>	67.9	36.2	33.7	50.4	43.1	55.6	22.4	144	16.4	9.14	11.7	7.98
<b>2000</b>	6.73	8.29	13.5	83.7	46.2	2.35	2.62	6.25	92.7	120	38.8	33.7
<b>2001</b>	19.7	39.0	101	196	120	49.3	21.9	23.3	23.0	67.2	5.35	7.05
<b>2002</b>	26.6	4.04	7.77	2.04	6.89	4.17	1.47	7.10	43.8			
<b>Mean of monthly streamflows</b>	23.7	28.3	64.8	195	185	73.2	25.3	42.4	24.2	28.9	29.4	21.3

### Calendar Year Streamflow Statistics

<b>Year</b>	<b>Annual mean streamflow, in ft<sup>3</sup>/s</b>	<b>Year</b>	<b>Annual mean streamflow, in ft<sup>3</sup>/s</b>	<b>Year</b>	<b>Annual mean streamflow, in ft<sup>3</sup>/s</b>	<b>Year</b>	<b>Annual mean streamflow, in ft<sup>3</sup>/s</b>
<b>1944</b>	70.0	<b>1959</b>	39.9	<b>1974</b>	24.5	<b>1988</b>	61.0
<b>1945</b>	94.7	<b>1960</b>	70.9	<b>1975</b>	113	<b>1989</b>	47.7
<b>1946</b>	19.7	<b>1961</b>	67.6	<b>1976</b>	18.1	<b>1990</b>	47.2
<b>1947</b>	25.6	<b>1962</b>	60.2	<b>1977</b>	20.7	<b>1991</b>	76.9
<b>1948</b>	58.6	<b>1963</b>	26.5	<b>1978</b>	53.2	<b>1992</b>	113
<b>1949</b>	75.5	<b>1964</b>	19.9	<b>1979</b>	137	<b>1993</b>	104
<b>1950</b>	12.6	<b>1965</b>	56.1	<b>1980</b>	93.8	<b>1994</b>	59.0
<b>1951</b>	19.6	<b>1966</b>	38.9	<b>1981</b>	27.5	<b>1995</b>	112
<b>1952</b>	45.5	<b>1967</b>	42.8	<b>1982</b>	63.6	<b>1996</b>	12.1
<b>1953</b>	10.7	<b>1968</b>	71.7	<b>1983</b>	141	<b>1997</b>	77.4
<b>1954</b>	30.6	<b>1969</b>	96.2	<b>1984</b>	75.3	<b>1998</b>	55.0
<b>1955</b>	24.3	<b>1970</b>	42.7	<b>1985</b>	143	<b>1999</b>	41.7
<b>1956</b>	17.8	<b>1971</b>	26.5	<b>1986</b>	92.6	<b>2000</b>	37.9
<b>1957</b>	81.4	<b>1972</b>	26.2	<b>1987</b>	111	<b>2001</b>	56.1
<b>1958</b>	125	<b>1973</b>	170				



**USGS 08353000 RIO PUERCO NEAR BERNARDO, NM**

Socorro County, New Mexico  
 Hydrologic Unit Code 13020204  
 Latitude 34°24'33", Longitude 106°51'09" NAD27  
 Drainage area 7,350.00 square miles  
 Contributing drainage area 6,220.00 square miles  
 Gage datum 4,722.34 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean of monthly streamflows	2.41	14.6	17.7	14.5	40.2	19.0	61.8	180	83.1	47.9	6.93	1.19

**Monthly Streamflow Statistics**

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1939											.000	.000
1940	.000	.31	7.77	2.57	51.9	.067	123	350	90.7	11.4	2.93	.97
1941	6.87	140	173	88.6	885	203	14.4	135	381	586	11.4	.48
1942	.000	.000	.000	52.2	73.8	1.50	.000	32.5	10.1	13.8	.000	.000
1943	.000	.000	3.77	2.87	18.3	166	31.3	235	38.5	.065	.000	.097
1944	4.55	1.17	.000	.000	38.5	2.70	285	149	30.8	140	.73	.065
1945	.16	57.1	.61	7.70	59.1	.000	.000	92.2	1.40	14.1	.000	.000
1946	.032	3.25	.45	3.40	.32	1.43	31.1	430	17.1	72.0	.033	.000
1947	.000	.000	.000	.000	23.9	.033	15.7	828	126	16.8	.000	.000
1948	.000	11.9	10.1	10.7	15.4	44.3	.45	31.1	33.6	4.42	30.2	.000
1949	.000	24.6	7.97	.000	72.0	1.77	154	103	67.3	14.4	.000	.000
1950	.000	.000	.000	.000	.000	.000	14.9	31.2	139	13.9	.000	.000
1951	.000	.000	.000	.000	.000	.000	12.7	343	5.57	.000	.000	.000
1952	.000	.000	.000	.000	8.16	34.4	81.4	78.7	16.0	.000	.000	.000
1953	.000	.000	.000	.000	.000	4.47	311	232	8.90	2.37	7.53	.000
1954	.000	.000	.000	.000	10.4	.007	306	483	481	135	.000	.000
1955	.000	.000	.000	.000	3.65	.000	362	851	36.1	14.9	.000	.000
1956	.000	.000	.000	.000	.000	.033	1.50	183	.000	.000	.000	.000
1957	.000	.000	.000	.000	1.23	31.5	343	922	134	375	79.2	.000
1958	.000	23.3	23.5	50.5	90.7	1.47	.000	33.8	49.0	5.52	.000	.000
1959	.000	.000	.000	.000	53.5	2.37	8.10	280	.067	7.95	24.9	.000
1960	.000	.000	208	12.3	.53	26.5	.42	6.65	.20	96.7	.000	.000
1961	.000	6.69	.90	7.86	10.8	.53	16.9	114	110	.000	16.1	.000
1962	.000	52.0	.000	24.0	11.1	.000	21.0	6.69	41.8	23.2	.000	.17
1963	.000	2.38	.010	2.41	.000	.000	2.03	148	151	12.8	7.07	.000
1964	.000	.000	.077	7.79	.000	.000	68.5	184	23.0	.15	.000	.000
1965	.47	.000	.000	.45	13.3	15.4	39.7	281	150	.000	.000	.000
1966	.000	.000	39.8	.40	1.06	29.8	54.1	123	68.0	1.85	1.45	.000
1967	.000	.000	.000	.000	.000	70.3	133	717	355	2.26	.000	.000
1968	.000	.000	.20	.000	2.20	.87	19.6	424	.090	.000	.000	.000
1969	.000	.000	1.35	1.46	43.7	46.5	62.1	136	142	287	1.20	1.77
1970	.000	.000	.000	.000	1.60	.010	57.3	75.3	10.8	1.87	.000	.000

<b>1971</b>	.42	.000	.000	.000	.000	.000	17.8	114	15.3	145	2.21	8.94
<b>1972</b>	1.37	.000	.000	.000	.15	.55	15.2	262	584	277	44.0	.000
<b>1973</b>	.55	11.2	125	179	205	42.0	51.6	14.5	42.0	.000	.000	.000
<b>1974</b>	.000	.000	.18	.000	.024	.000	3.76	84.4	11.1	128	11.3	.000
<b>1975</b>	.47	2.78	67.3	2.42	28.3	6.01	70.0	20.3	311	.000	.000	.000
<b>1976</b>	.000	.000	.000	.000	.29	.000	20.4	107	1.83	.000	.000	.000
<b>1977</b>	.000	.000	.000	.000	1.74	.000	74.9	257	58.9	8.77	4.50	.000
<b>1978</b>	.000	.000	1.92	.000	17.9	7.55	21.9	2.25	.000	.37	24.0	2.36
<b>1979</b>	18.5	142	88.8	14.9	68.8	55.5	5.44	14.3	.033	.000	3.69	.000
<b>1980</b>	12.5	27.9	7.20	60.4	53.3	41.8	10.9	3.89	90.0	.000	.000	.000
<b>1981</b>	.000	.000	.000	.000	2.24	.000	87.7	52.2	120	70.0	.000	.000
<b>1982</b>	.000	4.96	7.06	.065	12.9	.32	11.4	231	194	.000	.000	.000
<b>1983</b>	.87	18.9	19.5	62.2	84.4	47.2	15.8	31.3	4.48	54.5	.15	.000
<b>1984</b>	.49	39.0	10.5	8.96	61.1	9.89	11.8	119	22.4	62.0	.31	26.6
<b>1985</b>	12.8	75.5	101	89.7	126	5.12	.32	40.2	41.1	24.5	.000	.000
<b>1986</b>	.000	.56	.000	9.05	6.28	11.6	168	1.92	55.0	166	100	1.98
<b>1987</b>	1.85	71.6	72.6	93.2	41.0	.13	.000	14.8	.000	.000	1.91	.000
<b>1988</b>	.000	8.47	10.8	7.57	9.19	1.25	43.4	449	221	18.7	.53	2.77
<b>1989</b>	1.33	9.02	2.71	.20	.000	.000	38.5	62.4	5.37	3.96	.000	.000
<b>1990</b>	.14	10.1	3.75	7.97	7.60	.40	46.1	83.9	171	24.1	9.04	1.61
<b>1991</b>	2.81	62.4	5.28	4.19	55.5	57.9	256	175	87.2	.000	22.1	21.7
<b>1992</b>	5.42	67.6	14.4	27.6	63.1	5.21	13.4	119	34.6	.000	.000	.000
<b>1993</b>	70.0	28.1	48.5	16.1	52.4	38.1	21.4	124	28.0	.000	.000	.023
<b>1994</b>	.78	.69	.89	.000	19.7	.64	7.23	147	105	16.1	10.2	3.30
<b>1995</b>	3.45	16.3	17.6	11.7	44.7	58.0	10.1	33.7	23.5	1.49	.000	.000
<b>1996</b>	.019	.000	.000	.000	.000	88.3	72.9	203	75.0	26.8	1.33	.57
<b>1997</b>	1.43	.56	.13	.000	36.5	23.4	8.69	127	101	.93	.30	1.16
<b>1998</b>	1.43	1.82	14.1	3.54	19.1	1.90	80.1	44.5	.017	77.9	17.3	.23
<b>1999</b>	1.14	.024	.23	.27	16.8	10.6	124	285	53.2	.000	.000	.010
<b>2000</b>	1.94	.51	17.6	36.7	1.06	.000	.13	.000	.000	8.29	1.10	.002
<b>2001</b>	.007	.000	.021	.000	7.60	.000	2.58	47.2	3.23	.000	.000	.005
<b>2002</b>	.11	.15	.075	.009	.000	.000	9.70	22.7	60.4			
<b>Mean of monthly streamflows</b>	2.41	14.6	17.7	14.5	40.2	19.0	61.8	180	83.1	47.9	6.93	1.19

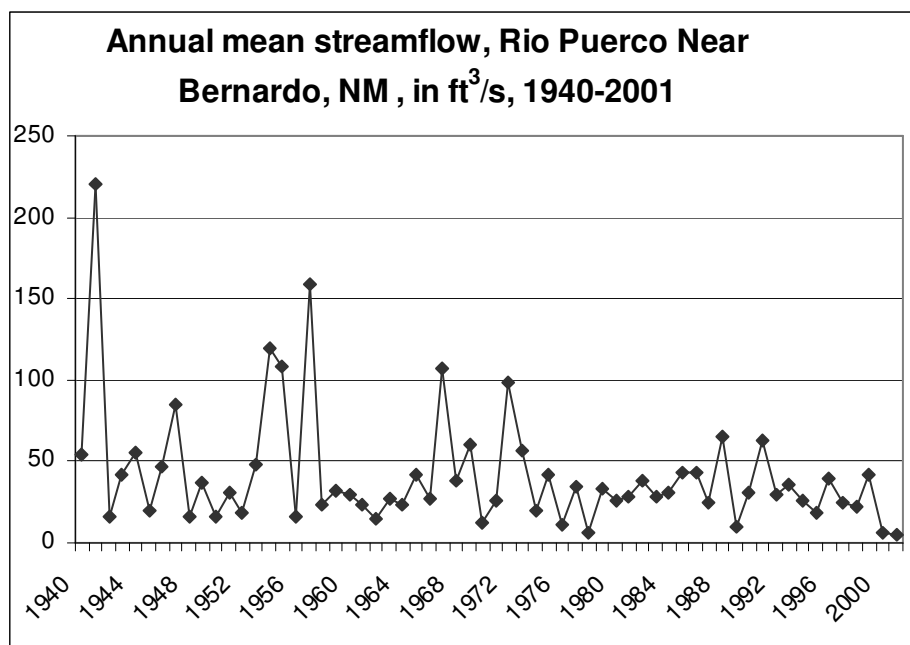
### Daily Streamflow Statistics

Day of month	Mean of daily mean values for this day for 63 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.53	1.86	11.1	4.82	33.5	18.4	27.1	115	118	84.9	21.5	.67
2	.92	2.90	17.2	11.4	41.2	21.0	18.4	227	73.9	39.0	18.3	.59
3	2.09	4.37	21.2	10.4	49.2	30.6	18.3	203	64.9	37.7	14.6	.64
4	1.90	4.50	22.6	6.33	39.8	30.9	18.0	151	46.0	99.7	19.6	1.35
5	1.71	12.4	12.9	4.69	117	28.4	36.0	182	53.2	78.3	40.6	.56
6	1.09	17.2	10.6	5.45	45.8	19.4	27.2	142	51.0	47.1	27.8	.57
7	1.02	9.83	10.7	4.55	40.1	21.4	14.4	222	53.2	39.0	14.2	.52
8	.93	8.33	11.2	3.95	33.9	14.4	13.2	195	61.4	31.4	9.25	.58
9	1.07	6.81	37.8	5.17	28.2	15.2	38.0	151	116	12.4	3.97	.74
10	10.9	7.87	38.8	4.00	29.1	38.7	24.2	135	123	19.1	2.81	.58
11	5.72	10.4	34.7	4.31	31.9	24.3	22.4	214	153	15.9	1.60	1.02
12	3.06	8.73	27.4	6.77	47.2	17.3	40.7	202	123	29.3	1.60	2.08
13	1.84	10.1	17.5	8.87	39.7	16.8	60.7	249	161	42.8	3.79	3.60
14	.88	14.1	30.9	11.7	34.1	13.3	61.2	182	195	47.5	2.76	2.37
15	.77	20.5	20.7	15.6	31.5	15.4	27.4	156	91.5	43.0	3.31	1.16
16	1.23	29.0	21.4	18.4	30.0	25.6	36.8	160	43.6	33.9	1.77	.99
17	1.78	29.8	20.6	14.6	33.3	8.96	24.3	218	32.4	48.1	2.12	.90
18	2.08	29.1	27.4	14.0	29.2	9.70	65.7	229	25.6	34.1	3.37	.70
19	5.00	32.9	15.1	15.3	38.1	6.33	93.0	255	67.6	47.2	2.05	.62
20	8.35	26.0	10.8	13.7	31.7	15.7	45.3	129	80.1	79.1	2.27	.68
21	5.82	19.5	11.7	18.7	34.0	14.2	79.8	160	84.5	101	1.56	.57
22	3.43	23.6	13.1	15.0	59.5	12.1	115	151	60.8	75.5	1.27	1.01
23	1.35	18.0	13.7	16.9	48.0	6.39	78.9	186	125	79.3	1.18	1.03
24	.86	13.6	15.2	23.0	86.2	3.95	142	201	84.9	90.9	1.03	.53
25	1.00	14.3	17.0	23.8	51.1	2.12	94.2	163	41.9	72.7	.91	.44
26	1.65	11.9	18.5	25.4	32.2	4.35	101	200	87.6	48.1	1.06	.43
27	1.92	11.0	16.0	31.0	39.1	3.16	155	177	116	26.2	1.17	.58
28	1.32	12.2	8.87	29.8	27.8	20.6	200	197	33.8	15.8	1.04	.92
29	1.14	7.63	5.25	29.5	21.8	61.3	97.4	132	55.9	19.8	.72	.85
30	1.10		4.49	36.5	20.8	51.1	56.4	128	69.3	22.5	.64	6.17
31	1.28		4.17		21.0		82.0	166		21.8		3.35

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year

## Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1940	54.1	1956	15.7	1972	98.6	1987	24.4
1941	220	1957	159	1973	56.2	1988	64.8
1942	15.4	1958	23.1	1974	20.2	1989	10.4
1943	41.6	1959	31.9	1975	42.3	1990	30.4
1944	55.2	1960	29.7	1976	11.0	1991	62.7
1945	19.2	1961	23.7	1977	34.3	1992	29.2
1946	47.4	1962	14.7	1978	6.57	1993	35.8
1947	85.5	1963	27.2	1979	33.6	1994	26.1
1948	15.9	1964	24.0	1980	25.4	1995	18.4
1949	37.4	1965	42.0	1981	27.9	1996	39.2
1950	16.5	1966	26.9	1982	38.7	1997	25.2
1951	30.7	1967	107	1983	28.3	1998	22.2
1952	18.4	1968	37.9	1984	31.2	1999	41.5
1953	48.0	1969	60.8	1985	42.9	2000	5.60
1954	119	1970	12.4	1986	43.7	2001	5.14
1955	108	1971	25.7				



**USGS 08334000 RIO PUERCO ABV ARROYO CHICO NR GUADALUPE, NM**

Sandoval County, New Mexico  
 Hydrologic Unit Code 13020204  
 Latitude 35°36'04", Longitude 107°09'56" NAD27  
 Drainage area 420.00 square miles  
 Gage datum 5,949.00 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean of monthly streamflows	2.73	11.4	16.1	18.9	39.5	15.5	16.5	24.4	12.0	7.86	2.88	1.31

**Monthly Streamflow Statistics**

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1951										.65	.020	.23
1952	1.61	.038	4.43	8.87	39.4	8.86	15.5	12.9	.000	.000	.000	.000
1953	.000	.000	.000	1.22	.006	.000	33.2	33.9	.000	2.95	8.43	.042
1954	.000	2.59	7.55	9.71	14.2	.64	23.7	21.3	41.6	10.8	.027	.006
1955	.000	.021	.47	.077	3.34	.000	78.4	90.7	.23	.000	.017	.074
1956	.000	.024	.46	7.70	1.29	.74	15.2	27.1	.020	.12	.067	.12
1957	.000	.60	.77	2.26	35.9	35.3	32.2	101	3.33	129	16.2	2.42
1958	.26	54.4	21.9	99.3	142	9.80	.032	3.48	10.6	.19	.000	.000
1959	.000	.000	.000	1.43	1.48	1.13	.000	18.3	.000	9.33	1.16	.055
1960	1.75	.15	161	46.2	22.5	3.54	2.40	3.10	.000	24.2	.000	.000
1961	.048	17.0	16.9	33.6	42.2	1.09	10.4	64.7	26.9	5.64	8.43	.20
1962	.20	53.3	6.06	61.5	38.8	.23	5.60	.000	4.73	2.78	2.34	.039
1963	.042	11.8	3.84	19.4	1.32	.000	.023	12.4	16.1	3.25	.45	.13
1964	.094	.024	2.52	.000	.000	.000	5.33	18.8	1.94	.000	1.05	.048
1965	9.03	6.23	.50	10.3	42.4	22.9	23.0	23.4	16.8	.35	.67	1.93
1966	.71	7.00	39.2	17.5	13.7	5.36	13.5	37.8	2.53	.000	.000	1.01
1967	.000	.071	.013	.015	.000	6.00	44.6	71.6	51.3	.25	.13	.13
1968	.072	4.92	3.41	1.36	46.1	15.6	10.0	44.0	.31	.30	.009	.010
1969	.008	.29	7.51	18.5	55.4	1.37	29.8	25.7	14.2	30.0	.69	.059
1970	.008	.041	.48	8.11	39.1	8.36	18.9	13.3	5.52	.37	.000	.002

<b>1971</b>	.32	.010	.69	.95	.000	.000	26.5	48.3	41.2	20.9	2.41	5.27
<b>1972</b>	1.33	1.38	1.71	.45	.000	.76	1.98	32.2	90.3	22.7	16.0	5.88
<b>1973</b>	3.86	25.7	75.6	88.0	236	98.4	4.08	3.90	1.54	.010	.000	.19
<b>1974</b>	.11	.016	11.1	.51	.048	.000	.34	.70	.078	8.45	.58	.14
<b>1975</b>	1.09	8.47	37.8	18.7	54.3	26.2	3.26	1.43	8.87	.007	.028	.083
<b>1976</b>	.29	1.07	.000	.11	.17	.000	23.8	4.51	1.66	.000	.000	.000
<b>1977</b>	.038	.51	.15	1.11	.89	.23	30.6	20.4	9.89	.000	5.08	.078
<b>1978</b>	.18	4.23	31.5	7.08	46.6	13.5	.74	1.18	.000	.000	17.0	8.75
<b>1979</b>	23.6	79.2	66.4	36.5	34.3	4.28	8.60	22.6	2.30	.31	.98	1.80
<b>1980</b>	4.47	17.9	3.62	29.2	81.7	37.2	.79	.62	2.84	.000	.000	.000
<b>1981</b>	.000	.000	.000	1.36	5.08	8.03	16.7	12.4	11.9	3.32	.000	.000
<b>1982</b>	.60	6.49	10.1	2.74	28.9	4.62	3.43	37.8	7.46	.000	2.27	3.41
<b>1983</b>	1.96	9.65	11.6	13.0	82.9	72.4	7.15	13.4	.33	2.65	.25	2.48
<b>1984</b>	5.06	12.6	14.9	26.1	82.8	21.0	3.62	17.4	1.24	3.30	.83	7.88
<b>1985</b>	4.65	59.9	56.7	50.7	65.7	41.6	1.32	18.2	25.8	6.93	1.62	1.90
<b>1986</b>	1.23	4.04	5.41	22.1	39.4	27.6	27.3	5.83	19.6	37.6	28.2	15.9
<b>1987</b>	19.1	26.3	12.6	44.9	47.8	3.21	.004	1.04	.070	.000	1.14	.000
<b>1988</b>	.007	7.41	3.84	12.2	27.5	4.95	13.0	72.5	13.4	10.4	2.55	.000
<b>1989</b>	.081	.32	2.82	3.79	.000	.000	32.3	6.12	.000	1.21	.000	.008
<b>1990</b>	.000	.78	1.83	5.06	14.0	.10	9.81	8.39	15.7	1.17	5.90	.028
<b>1991</b>	.007	38.0	8.94	12.6	52.5	70.2	47.8	15.5	30.9	.067	8.05	3.55
<b>1992</b>	4.99	56.3	39.3	77.3	126	34.2	.066	24.4	.073	.000	.25	.79
<b>1993</b>	48.2	17.6	78.8	48.4	112	36.1	7.76	12.8	1.17	.000	.24	.034
<b>1994</b>	.18	5.54	6.51	11.2	42.4	1.24	.16	24.0	21.8	2.14	5.84	.99
<b>1995</b>	.73	26.1	26.9	26.8	86.8	113	11.7	25.1	3.39	.32	.031	.015
<b>1996</b>	.002	.040	.10	.003	.000	7.77	83.0	18.7	44.1	6.74	.40	.005
<b>1997</b>	.44	4.84	2.59	9.91	48.2	24.4	7.88	19.1	8.05	.47	1.46	.63
<b>1998</b>	.88	6.81	16.3	15.8	70.7	13.5	38.4	26.9	6.49	31.9	6.18	.38
<b>1999</b>	1.60	.77	.64	7.85	28.9	2.33	61.1	91.2	29.7	.003	.000	.032
<b>2000</b>	.63	.89	13.2	22.8	9.73	.22	.14	.22	.008	20.1	.000	.000
<b>2001</b>	.000	.45	2.96	19.6	49.6	.007	1.50	7.82	.000	.000	.000	.000
<b>2002</b>	.000	.000	.000	.000	.000	.000	4.85	24.5	16.9			
<b>Mean of monthly streamflows</b>	2.73	11.4	16.1	18.9	39.5	15.5	16.5	24.4	12.0	7.86	2.88	1.31



### Calendar Year Streamflow Statistics

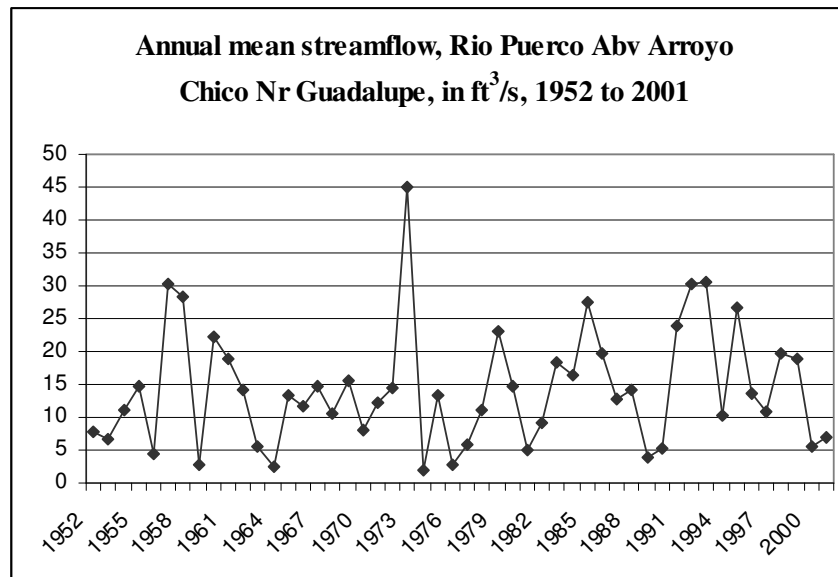
Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1952	7.71	1965	13.2	1978	11.0	1990	5.26
1953	6.75	1966	11.6	1979	23.1	1991	23.8
1954	11.1	1967	14.6	1980	14.8	1992	30.2
1955	14.7	1968	10.6	1981	4.94	1993	30.5
1956	4.45	1969	15.5	1982	9.06	1994	10.2
1957	30.3	1970	7.94	1983	18.2	1995	26.7
1958	28.2	1971	12.3	1984	16.4	1996	13.5
1959	2.78	1972	14.5	1985	27.6	1997	10.7
1960	22.3	1973	44.9	1986	19.6	1998	19.7
1961	18.9	1974	1.87	1987	12.9	1999	18.9
1962	14.3	1975	13.4	1988	14.1	2000	5.69
1963	5.65	1976	2.67	1989	3.95	2001	6.90
1964	2.52	1977	5.80				

### Daily Streamflow Statistics

Day of month	Mean of daily mean values for this day for 51 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.14	4.18	13.8	12.0	31.2	28.9	10.1	54.3	8.49	7.55	5.34	1.00
2	1.12	5.76	20.5	8.77	32.8	28.1	7.00	39.4	25.9	2.69	10.2	1.13
3	1.75	6.82	22.1	9.21	34.8	27.4	8.77	24.2	12.1	2.85	9.78	1.18
4	.69	8.07	16.0	9.33	35.0	25.6	4.33	23.2	6.03	3.66	5.55	1.01
5	.61	6.81	11.8	9.28	37.0	23.3	4.72	24.5	6.57	6.35	7.82	.99
6	.62	5.94	9.82	9.57	39.9	22.1	4.66	22.9	11.0	5.97	6.93	.98
7	1.48	7.03	13.3	9.26	39.2	22.1	6.36	19.2	6.17	1.31	4.31	1.02
8	13.1	8.22	28.3	10.7	38.2	22.4	7.12	16.5	14.7	3.04	1.97	1.39
9	8.19	8.44	39.5	11.0	36.8	21.1	30.3	17.7	17.9	1.27	1.48	.96
10	1.34	12.6	37.6	11.4	38.8	21.0	23.5	12.9	11.0	4.49	1.48	1.28
11	1.11	9.48	24.0	11.8	41.4	19.6	2.49	24.8	26.6	7.78	1.30	1.39
12	1.86	8.77	21.3	13.8	42.8	20.1	5.11	40.7	35.6	8.61	2.45	1.90
13	1.10	13.0	26.8	15.5	43.0	29.3	5.66	22.2	22.0	4.02	4.23	1.08

14	1.08	15.0	17.7	18.4	43.6	16.2	2.17	25.3	11.9	2.25	1.92	.70
15	1.53	17.2	11.9	17.4	43.0	15.4	10.9	41.5	15.4	3.12	2.32	.63
16	1.83	18.7	11.2	18.0	43.2	12.4	3.90	32.9	7.37	3.05	2.49	.64
17	2.14	16.4	12.6	17.9	41.9	10.8	9.54	34.8	4.18	6.47	1.40	.95
18	9.12	15.6	13.1	20.1	40.3	12.4	13.3	40.1	12.2	8.30	1.64	1.08
19	7.59	14.4	13.7	23.6	40.0	10.8	15.0	16.2	15.9	25.1	1.26	1.00
20	4.54	14.3	12.7	24.6	42.8	8.92	8.82	13.1	14.0	45.2	1.29	5.10
21	2.44	19.8	12.6	24.6	45.1	9.39	27.4	12.6	10.7	13.6	.93	1.69
22	2.15	14.8	11.1	24.1	45.7	8.27	33.2	13.5	5.27	18.4	.92	.83
23	1.94	14.2	14.3	28.3	47.0	6.18	40.1	12.8	2.31	8.31	.80	1.02
24	1.67	11.8	13.8	29.4	44.2	6.48	26.2	16.4	2.78	4.35	.97	.78
25	1.78	10.0	10.7	30.4	42.1	7.38	30.7	33.1	11.9	3.56	1.46	.88
26	2.01	9.37	8.89	30.3	40.1	5.76	28.8	27.4	12.2	6.39	1.58	.72
27	1.69	9.55	9.01	30.0	37.3	5.27	42.1	15.2	2.91	11.0	1.21	1.76
28	1.82	10.8	9.85	28.5	36.6	4.93	18.1	35.7	1.02	8.66	1.02	3.45
29	1.90	16.4	10.0	30.7	35.9	3.95	41.5	15.9	5.46	4.89	1.18	1.51
30	2.24		10.9	29.3	33.4	8.17	13.2	14.9	21.1	6.29	1.14	1.10
31	3.20		10.2		31.0		26.4	11.1		5.24		1.43

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year.



**USGS 08340500 ARROYO CHICO NR GUADALUPE, NM**

Sandoval County, New Mexico  
 Hydrologic Unit Code 13020204  
 Latitude 35°35'33", Longitude 107°11'19" NAD27  
 Drainage area 1,390.00 square miles  
 Gage datum 5,921.00 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>Mean of monthly streamflows</b>	2.44	13.1	12.2	4.25	2.61	4.47	41.0	104	42.3	19.1	3.15	1.68

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 43 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1</b>	1.47	2.52	16.7	7.51	5.05	2.01	6.55	101	30.5	19.4	7.33	1.56
<b>2</b>	1.41	2.56	18.8	4.17	2.80	8.07	29.2	104	22.2	13.1	7.59	1.48
<b>3</b>	.94	5.17	16.2	3.13	2.17	11.1	8.73	117	12.6	32.0	13.9	1.26
<b>4</b>	.94	12.4	10.7	4.43	2.91	4.66	19.5	112	21.8	30.4	3.59	1.16
<b>5</b>	1.06	12.0	8.31	3.84	1.31	4.28	12.8	88.5	23.8	28.0	2.37	1.45
<b>6</b>	.84	8.46	7.47	2.41	3.56	1.25	13.3	164	26.2	12.5	4.26	1.22
<b>7</b>	.87	8.21	27.9	1.70	4.14	.83	14.9	155	42.2	25.6	6.72	1.62
<b>8</b>	1.09	6.60	61.2	1.59	2.76	1.82	21.9	91.7	87.0	14.5	9.85	1.54
<b>9</b>	1.11	7.02	43.0	1.51	2.05	1.08	18.0	75.3	104	16.0	4.99	1.55
<b>10</b>	1.41	6.64	24.5	1.18	3.00	7.16	18.6	129	60.7	8.79	2.38	1.61
<b>11</b>	1.55	5.69	14.7	1.13	8.20	7.12	6.64	172	48.0	16.1	2.81	1.40
<b>12</b>	2.22	8.61	13.3	1.84	1.42	3.95	17.3	129	147	17.0	2.76	1.27
<b>13</b>	1.54	14.7	13.6	2.16	2.38	1.97	25.2	98.6	66.6	12.0	1.87	1.13
<b>14</b>	2.83	21.1	11.7	3.71	3.55	.37	17.9	69.7	20.7	15.7	1.48	.95
<b>15</b>	3.99	28.6	10.9	5.33	3.16	1.57	20.0	98.6	31.3	18.5	1.29	1.13
<b>16</b>	3.15	26.2	6.78	4.72	2.05	1.29	36.7	190	25.9	22.8	1.20	.73
<b>17</b>	2.88	22.9	6.67	4.08	7.20	6.22	96.3	139	17.3	13.2	1.54	.68
<b>18</b>	11.5	24.3	7.64	4.99	2.62	.89	42.8	169	30.8	21.6	1.51	1.07
<b>19</b>	7.95	20.7	5.63	4.35	1.06	3.83	28.8	78.5	82.6	17.8	1.18	.84

20	5.56	21.9	6.04	5.45	.88	4.72	20.5	87.0	35.3	49.8	1.00	2.32
21	2.24	19.3	4.41	5.33	2.03	1.46	72.2	138	31.0	21.6	1.26	1.18
22	1.81	14.1	3.68	5.02	1.36	4.65	45.6	121	27.4	75.1	1.25	1.08
23	2.05	11.1	3.14	4.20	1.56	.69	123	84.8	18.8	28.1	1.09	1.25
24	1.51	9.05	2.88	3.79	.88	4.56	84.6	68.2	20.9	5.37	1.32	.91
25	1.71	8.62	3.12	4.88	2.20	19.7	69.3	83.6	62.6	4.83	2.46	4.58
26	1.87	10.1	2.87	5.49	2.36	4.32	88.9	55.6	58.0	5.90	1.99	2.49
27	2.12	10.6	2.80	4.74	1.83	6.82	109	90.6	22.7	5.67	1.71	2.66
28	1.89	15.0	2.71	10.1	3.29	7.22	38.3	56.9	32.6	2.21	1.11	7.39
29	1.86	14.3	3.51	9.37	1.18	8.17	58.0	46.2	13.7	6.69	1.32	1.88
30	2.16		6.70	5.44	.87	2.40	44.6	56.8	44.9	14.5	1.33	1.28
31	2.06		11.2		1.16		63.1	55.6		18.9		1.35

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year

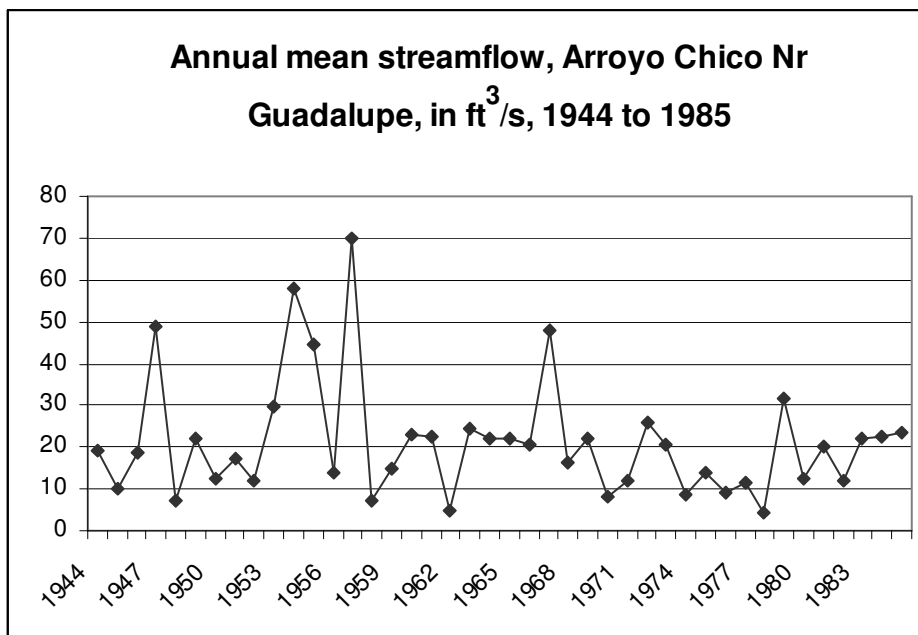
### Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1943										6.00	1.00	.032
1944	.16	.34	.000	.000	.42	.000	98.8	59.6	45.7	23.8	.083	.11
1945	.068	38.3	.39	.24	.000	.000	.95	64.7	.000	15.3	.033	.032
1946	.010	8.31	.094	.000	.000	.000	19.6	143	11.1	36.2	1.51	.000
1947	.16	.11	.57	.000	12.1	.000	7.59	527	9.76	18.1	.050	.077
1948	.11	12.6	21.1	3.40	.91	2.90	3.66	15.0	.48	24.0	4.70	.000
1949	.000	12.6	8.29	.80	.032	5.63	111	78.0	42.5	.71	.000	.000
1950	.097	.000	.000	.000	.000	.000	26.9	20.9	103	.34	.000	.000
1951	.000	.036	.023	.030	.045	.007	29.0	176	.037	.000	.000	.000
1952	.72	.000	.000	3.80	.013	6.51	68.0	63.1	1.84	.000	.000	.000
1953	.000	.000	.000	.000	.000	7.91	218	117	.000	2.28	2.95	.000
1954	.013	.000	1.40	.000	10.1	3.00	133	231	230	79.0	.000	.000
1955	.010	.032	.006	.000	2.61	.000	201	320	.31	1.33	.007	.016
1956	.032	.29	.061	.050	.058	2.81	19.9	141	.017	.000	.000	.000
1957	.000	.18	.62	.000	1.91	20.5	100	577	29.0	90.2	6.07	1.10
1958	1.23	15.0	12.5	6.40	.000	.000	.032	20.1	31.6	.26	.000	.000

<b>1959</b>	.000	.000	.000	.63	1.23	11.2	.55	131	.000	20.9	7.48	.052
<b>1960</b>	2.82	2.20	169	.013	.000	.17	1.97	28.1	.82	66.5	.13	.13
<b>1961</b>	.36	12.7	.47	.62	.003	.040	2.80	103	140	6.78	4.14	.019
<b>1962</b>	.084	32.0	2.48	.15	.000	.000	16.5	.57	8.52	.89	.29	.010
<b>1963</b>	.042	1.85	.006	.000	.006	.000	7.75	178	76.2	9.71	15.6	.12
<b>1964</b>	.042	.045	17.9	10.4	1.26	.043	38.3	155	36.0	.56	.023	.061
<b>1965</b>	.30	.79	.29	.047	.058	4.14	37.6	98.0	121	.015	.017	.21
<b>1966</b>	.095	.069	31.1	.002	.001	39.5	60.8	55.8	58.1	1.78	.000	.14
<b>1967</b>	.032	.31	.042	.017	.65	5.59	108	292	162	.62	.21	.050
<b>1968</b>	.15	.98	.53	.12	.058	.014	6.61	177	1.25	7.02	.003	.13
<b>1969</b>	1.31	.45	2.63	.45	6.55	2.50	22.3	52.7	38.2	131	1.30	1.35
<b>1970</b>	.78	.56	.61	.73	4.27	.21	47.1	28.3	11.8	1.19	.040	.10
<b>1971</b>	.69	.23	1.11	.002	.000	.000	5.36	39.1	78.1	13.8	.25	6.30
<b>1972</b>	1.18	1.13	.006	.000	.000	.000	2.66	65.5	183	47.0	7.85	1.00
<b>1973</b>	.78	17.9	63.8	74.9	6.95	.73	51.0	27.2	1.34	.064	.031	.028
<b>1974</b>	.39	.84	2.64	.002	.001	.000	6.18	34.6	4.67	48.5	.95	.29
<b>1975</b>	.52	10.0	19.5	1.42	.000	.000	36.9	8.19	92.0	.000	.009	.042
<b>1976</b>	.32	.79	.000	.022	.070	.000	38.1	52.9	13.4	.000	.29	.73
<b>1977</b>	.000	4.30	1.70	.000	.35	.18	30.1	78.4	8.71	2.35	8.41	.061
<b>1978</b>	.22	3.00	15.2	.057	11.3	1.01	.18	1.65	1.40	.22	12.6	2.03
<b>1979</b>	25.2	210	50.7	.26	5.86	3.64	11.3	51.2	2.33	5.49	19.9	6.16
<b>1980</b>	26.9	32.4	13.1	9.35	4.54	.56	26.3	12.1	10.1	3.50	4.33	6.01
<b>1981</b>	4.50	3.94	5.49	3.75	.47	.79	40.6	53.4	84.5	29.3	5.04	5.42
<b>1982</b>	7.96	18.1	10.3	2.49	7.23	1.37	14.6	38.3	26.0	4.00	6.83	7.91
<b>1983</b>	4.94	23.8	10.9	20.4	6.63	43.9	32.6	28.9	34.1	40.3	7.03	13.7
<b>1984</b>	6.80	34.2	10.9	9.54	5.51	5.61	13.4	80.7	24.3	54.5	6.43	15.1
<b>1985</b>	11.5	54.2	40.8	26.4	11.6	6.92	7.32	24.8	57.7	29.9	9.82	3.74
<b>1986</b>	4.23	7.68	8.84	6.46	9.54	15.0	59.9	26.2	37.4			
<b>Mean of monthly streamflows</b>	2.44	13.1	12.2	4.25	2.61	4.47	41.0	104	42.3	19.1	3.15	1.68

### Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1944	19.3	1955	44.6	1966	20.7	1976	8.99
1945	9.88	1956	13.9	1967	47.9	1977	11.3
1946	18.6	1957	70.1	1968	16.4	1978	4.08
1947	48.8	1958	7.18	1969	22.0	1979	31.5
1948	7.42	1959	14.7	1970	8.09	1980	12.4
1949	21.8	1960	23.0	1971	12.1	1981	19.9
1950	12.6	1961	22.5	1972	25.7	1982	12.1
1951	17.4	1962	4.93	1973	20.4	1983	22.2
1952	12.2	1963	24.3	1974	8.39	1984	22.3
1953	29.6	1964	21.8	1975	14.0	1985	23.5
1954	57.8	1965	21.9				



**USGS 08352500 RIO PUERCO AT RIO PUERCO, NM**

Valencia County, New Mexico  
 Hydrologic Unit Code 13020204  
 Latitude 34°47'38", Longitude 106°59'20" NAD27  
 Drainage area 6,590.00 square miles  
 Contributing drainage area 5,460.00 square miles  
 Gage datum 5,008.59 feet above sea level NGVD29

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Mean of monthly streamflows	3.89	18.9	24.2	17.3	52.2	19.5	84.2	259	127	63.0	5.80	1.12

**Daily Streamflow Statistics**

Day of month	Mean of daily mean values for this day for 43 years of record <sup>1</sup> , in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.47	7.04	20.1	8.55	31.5	31.0	28.8	233	152	127	35.3	1.16
2	4.06	4.85	24.1	8.66	57.7	27.6	12.1	286	75.8	31.0	13.1	1.11
3	2.31	4.81	33.7	6.92	62.0	40.0	56.2	183	105	15.8	8.83	1.10
4	1.96	7.24	33.1	6.22	55.2	32.3	24.3	429	85.1	131	10.8	1.34
5	1.34	21.4	18.4	6.74	135	23.4	32.5	420	103	68.9	45.4	1.42
6	1.11	12.2	17.3	11.6	53.1	26.9	13.4	250	42.8	39.7	9.07	1.12
7	1.35	9.53	15.1	7.91	50.3	22.3	24.5	331	110	26.9	10.5	1.17
8	1.52	7.59	56.3	10.1	51.1	11.2	23.4	217	164	78.3	4.53	1.32
9	1.76	7.17	78.9	7.43	42.0	31.8	11.8	146	179	46.0	2.33	1.07
10	2.90	9.84	59.1	5.22	38.7	17.5	18.6	233	154	24.0	2.07	1.14
11	2.10	12.3	38.4	4.25	45.1	17.3	41.6	292	168	17.6	2.20	.89
12	2.36	9.36	23.0	6.84	64.2	31.7	94.5	297	179	25.4	1.80	.72
13	8.74	8.15	22.2	13.2	63.2	22.8	107	260	318	55.5	1.37	.80
14	9.27	24.1	23.1	20.3	53.7	12.7	30.6	215	123	26.7	1.39	1.04
15	5.01	15.7	24.9	27.2	44.9	7.24	61.9	168	93.1	43.8	1.30	.89
16	3.17	58.9	22.7	20.7	43.0	8.53	66.1	226	29.0	42.9	1.33	.85
17	9.02	44.8	30.7	17.4	42.9	8.22	48.3	281	20.4	63.6	1.37	.70
18	5.08	29.7	22.0	19.2	44.1	8.46	122	310	11.9	46.9	1.28	.72
19	3.03	20.6	17.5	22.3	38.4	11.7	55.7	240	67.9	108	1.14	.61
20	2.62	22.8	15.3	20.1	33.3	21.5	52.3	187	87.7	160	1.56	.78

<b>21</b>	2.32	19.8	15.9	20.5	38.3	20.7	172	519	98.9	160	1.23	.80
<b>22</b>	2.84	22.0	18.7	19.3	69.6	3.85	105	330	72.4	121	1.35	.70
<b>23</b>	6.19	27.0	19.8	21.1	74.7	3.38	143	217	247	153	1.23	.92
<b>24</b>	3.71	24.6	22.4	30.5	110	2.87	197	196	209	29.0	1.36	1.06
<b>25</b>	4.89	33.7	21.1	32.5	46.7	4.44	76.7	244	87.8	138	2.62	1.87
<b>26</b>	4.93	24.1	16.7	30.1	35.0	3.60	168	232	188	65.0	1.96	1.23
<b>27</b>	4.31	23.6	15.4	33.1	51.1	27.5	255	191	207	21.3	2.79	.87
<b>28</b>	3.62	15.6	8.46	31.9	38.5	12.1	235	231	175	13.7	2.07	.98
<b>29</b>	4.00	23.6	5.38	25.1	26.8	42.3	135	170	115	10.4	1.35	1.96
<b>30</b>	4.22		4.97	23.4	32.5	50.2	115	262	138	32.5	1.32	2.36
<b>31</b>	9.29		5.18		45.2		84.8	243		28.5		2.05

<sup>1</sup> -- Available period of record may be less than value shown for certain days of the year.

### Monthly Streamflow Statistics

YEAR	Monthly mean streamflow, in ft <sup>3</sup> /s											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1934</b>			.000	.000	22.7	13.9	17.5	212	413	3.06	.97	2.19
<b>1935</b>	42.9	19.4	31.4	7.03	86.7	52.6	.000	1,161	411	7.19	3.97	.52
<b>1936</b>	12.7	137	79.4	.47	5.29	3.70	65.3	585	389	10.4	3.60	.61
<b>1937</b>	.097	110	8.16	51.6	89.1	54.8	226	44.6	44.4	108	.000	.16
<b>1938</b>	.35	.071	5.55	25.8	68.4	58.1	203	33.6	432	86.6	.000	2.23
<b>1939</b>	1.06	.86	56.1	22.4	3.52	.23	48.4	249	206	30.8	.53	.42
<b>1940</b>	.32	2.66	11.4	8.33	8.00	.000	122	367	159	17.1	6.23	3.35
<b>1941</b>	21.1	193	202	99.6	990	219	24.3	122	461	566	4.87	.29
<b>1942</b>	8.61	9.25	9.32	109	118	6.20	.84	58.2	17.1	13.7	.43	.52
<b>1943</b>	.16	.96	5.42	8.37	10.6	74.8	33.3	248	29.5	8.10	1.07	.68
<b>1944</b>	10.9	9.07	.90	.17	64.4	4.63	323	193	38.7	144	2.93	.68
<b>1945</b>	1.00	42.7	4.29	9.83	60.4	.000	1.97	71.8	3.40	8.28	.67	.48
<b>1946</b>	.54	8.05	.90	7.03	.86	.047	16.1	395	17.9	98.7	1.13	.49
<b>1947</b>	.32	.32	.097	.000	27.4	.70	3.49	731	103	18.0	.26	.23
<b>1948</b>	.42	30.9	15.2	16.9	26.1	51.0	2.30	35.7	38.9	3.58	34.8	.000
<b>1949</b>	.77	42.3	9.58	.73	54.7	13.5	160	124	58.9	5.00	.000	.065
<b>1950</b>	.35	.000	.000	.000	.000	.000	21.0	35.9	149	15.7	.000	.23

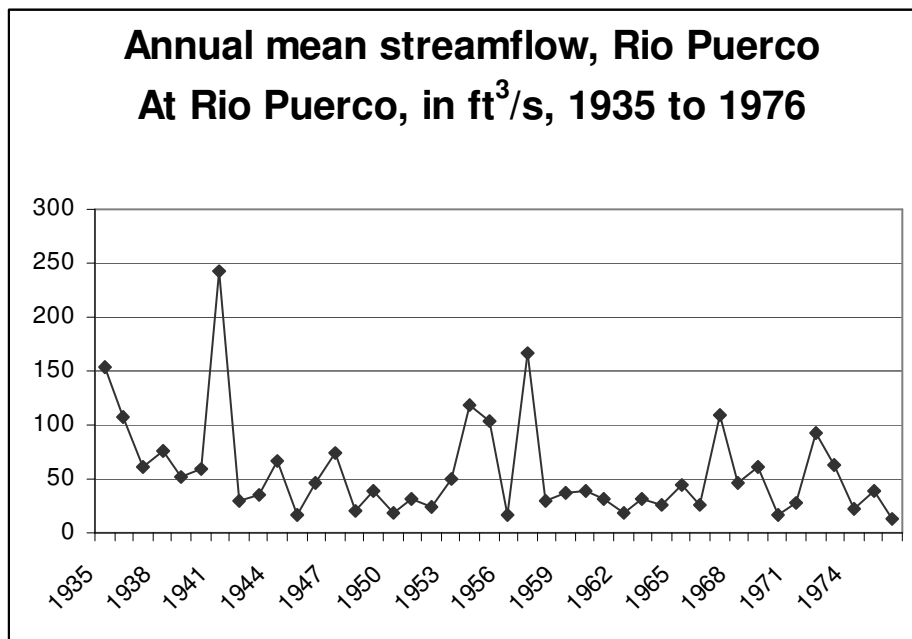


<b>1951</b>	.19	.21	.000	.000	.000	.27	21.3	338	2.37	.000	.000	.000
<b>1952</b>	.000	.000	.000	.000	13.7	26.6	95.0	115	29.3	.000	.000	.000
<b>1953</b>	.000	.000	3.13	.000	.000	15.1	320	223	6.56	4.69	9.33	.061
<b>1954</b>	.18	.000	1.58	1.29	12.9	.13	322	518	441	104	.97	.40
<b>1955</b>	.000	.000	.000	.000	8.97	.68	329	854	11.3	8.06	.16	.000
<b>1956</b>	.97	1.87	.39	.000	.000	.000	11.2	189	.000	.032	.000	.000
<b>1957</b>	.000	.25	1.87	.000	8.94	45.8	396	939	99.4	386	76.4	1.97
<b>1958</b>	3.10	37.8	37.1	68.5	103	3.13	.000	44.7	54.1	8.65	.10	.000
<b>1959</b>	.19	.29	.000	.000	50.6	3.80	11.0	330	.37	25.1	18.4	.12
<b>1960</b>	1.72	2.75	290	22.8	3.10	.12	.15	12.4	1.72	115	.093	.000
<b>1961</b>	.000	12.4	5.64	15.9	20.1	2.53	17.7	142	136	.39	18.4	.47
<b>1962</b>	2.50	66.0	3.85	31.2	17.5	.000	22.6	5.40	48.7	28.0	.027	.077
<b>1963</b>	2.42	8.25	1.48	5.90	.016	.000	2.86	178	150	11.9	9.15	.18
<b>1964</b>	1.75	4.01	3.90	11.4	.000	.013	79.8	173	24.7	.094	.087	.13
<b>1965</b>	2.43	3.26	2.32	2.58	32.4	23.1	45.2	256	153	.006	.083	.82
<b>1966</b>	.85	3.18	48.8	2.73	3.54	27.9	61.9	125	29.5	2.52	4.26	.36
<b>1967</b>	.33	.034	.000	.000	.000	55.7	164	690	397	3.54	1.98	2.43
<b>1968</b>	4.72	4.21	5.43	1.47	15.8	1.42	48.8	472	.11	2.08	.66	.27
<b>1969</b>	3.95	2.44	6.35	4.12	52.0	15.5	92.9	170	88.2	279	4.94	2.10
<b>1970</b>	.56	1.92	1.21	.018	12.0	1.19	74.1	78.5	15.2	.26	1.13	3.28
<b>1971</b>	4.97	3.49	1.86	.014	.021	.000	20.7	120	61.5	110	4.34	14.2
<b>1972</b>	8.33	.42	.000	.000	.039	.001	33.4	293	429	324	23.9	5.23
<b>1973</b>	10.5	20.1	124	191	220	56.0	80.9	16.0	43.7	.000	.000	.28
<b>1974</b>	3.74	3.90	5.06	.025	.000	.000	4.88	57.2	17.5	151	10.8	2.42
<b>1975</b>	5.15	7.91	54.2	17.1	33.2	5.76	72.6	34.5	244	.21	1.35	.34
<b>1976</b>	3.03	4.36	2.45	.34	.000	.000	25.5	111	3.21	.080	1.24	.000
<b>Mean of monthly streamflows</b>	3.89	18.9	24.2	17.3	52.2	19.5	84.2	259	127	63.0	5.80	1.12

#### Calendar Year Streamflow Statistics

Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s	Year	Annual mean streamflow, in ft <sup>3</sup> /s
1935	153	1946	46.3	1957	166	1967	110

<b>1936</b>	108	<b>1947</b>	74.9	<b>1958</b>	29.9	<b>1968</b>	47.1
<b>1937</b>	61.3	<b>1948</b>	21.1	<b>1959</b>	37.3	<b>1969</b>	61.0
<b>1938</b>	76.3	<b>1949</b>	39.3	<b>1960</b>	38.0	<b>1970</b>	16.0
<b>1939</b>	52.0	<b>1950</b>	18.5	<b>1961</b>	31.0	<b>1971</b>	28.7
<b>1940</b>	59.3	<b>1951</b>	30.7	<b>1962</b>	18.4	<b>1972</b>	93.4
<b>1941</b>	243	<b>1952</b>	23.6	<b>1963</b>	30.9	<b>1973</b>	63.8
<b>1942</b>	29.4	<b>1953</b>	49.3	<b>1964</b>	25.2	<b>1974</b>	21.7
<b>1943</b>	35.4	<b>1954</b>	118	<b>1965</b>	43.8	<b>1975</b>	39.6
<b>1944</b>	66.9	<b>1955</b>	103	<b>1966</b>	26.2	<b>1976</b>	12.8
<b>1945</b>	17.0	<b>1956</b>	17.3				



<b>Rio Puerco Hydrologic Unit Code 13020204</b>	<b>Drainage area (da in square miles)</b>	<b>Monthly mean streamflow, in ft<sup>3</sup>/s</b>											
		<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Rio Puerco Abv Arroyo Chico Nr Guadalupe, NM	420	2.73	11.4	16.1	18.9	39.5	15.5	16.5	24.4	12	7.86	2.88	1.31
Arroyo Chico Nr Guadalupe, NM	1,390.00	2.44	13.1	12.2	4.25	2.61	4.47	41	104	42.3	19.1	3.15	1.68
Rio Puerco At Rio Puerco, NM	6,590.00 / Contributing da 5,460.00	3.89	18.9	24.2	17.3	52.2	19.5	84.2	259	127	63	5.8	1.12
Rio Puerco Near Bernardo, NM	7,350.00 / Contributing da 6,220.00	2.41	14.6	17.7	14.5	40.2	19	61.8	180	83.1	47.9	6.93	1.19

<b>Jemez River Hydrologic Unit Code 13020202</b>	<b>Drainage area (da in square miles)</b>	<b>Monthly mean streamflow, in ft<sup>3</sup>/s</b>											
		<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>
Jemez R Bl East Fork Nr Jemez Springs, NM	173	14.9	19.2	45.5	135	69.2	19.3	16.8	22.8	18.2	20.3	19.7	15.6
Rio Guadalupe N Jemez Sps	230	15.7	20	49.4	236	409	113	26.6	18.6	17.3	38.3	28.6	17.4
Jemez River Near Jemez, NM	470.00 / Contributing da 470.00	28.7	36.1	92.6	262	220	62.8	32.4	43.9	34.3	36.1	37.3	29.3
River Below Jemez Canyon Dam, NM	1,038.00	23.7	28.3	64.8	195	185	73.2	25.3	42.4	24.2	28.9	29.4	21.3

## Summary of U.S. Geological Survey On-Line Instantaneous Fluvial Sediment Data

### Station Information

Blank cells in the following tables signify that no data was retrieved for the field from the NWISWeb on January 13, 2000.

Station Identification Number	Station Name	Drainage area (square miles)	Hydrologic unit code	Latitude (decimal degrees)	Longitude (decimal degrees)	County Code
08332700	(N) SAN PABLO CR NR CUBA, NM	12.80	13020204	35.95	-106.95	043
08333450	(N) ARROYO CHAVEZ NR SAN LUIS, NM		13020204	35.69	-107.10	043
08334000	(N) RIO PUERCO ABV ARROYO CHICO NR GUADALUPE, NM	420.00	13020204	35.60	-107.17	043
08334300	(N) PAPERS WASH NR STARLAKE TRADING POST, NM		13020205	35.89	-107.42	031
08340500	(C) ARROYO CHICO NR GUADALUPE, NM	1390.00	13020204	35.59	-107.19	043
08342000	(C) BLUEWATER C NR BLUEWATER, NM	209.00	13020207	35.29	-108.03	006
08343000	(C) RIO SAN JOSE AT GRANTS, NM	1020.00	13020207	35.15	-107.87	006
08343500	(N) RIO SAN JOSE NEAR GRANTS, NM	2300.00	13020207	35.07	-107.75	006
08351225	(N) VOLCANO HILL WASH NR CORREO, NM		13020207	34.84	-107.36	006
08351500	(C) RIO SAN JOSE AT CORREO, NM	3660.00	13020207	34.97	-107.19	006
08352500	(C) RIO PUERCO AT RIO PUERCO, NM	6590.00	13020204	34.79	-106.99	061
08353000	(C) RIO PUERCO NEAR BERNARDO, NM	7350.00	13020204	34.41	-106.85	053
08323000	(N) RIO GUADALUPE AT BOX CANYON NEAR JEMEZ, NM	235.00	13020202	35.73	-106.76	043
08324000	(N) JEMEZ RIVER NEAR JEMEZ, NM	470.00	13020202	35.66	-106.74	043
08329000	(C) JEMEZ RIVER BELOW JEMEZ CANYON DAM, NM	1038.00	13020202	35.39	-106.53	043

### Glossary of Terms

#### Agency Code

The agency that is reporting the data. Agency codes are fixed values assigned by the National Water Information System (NWIS).

#### County

The Federal Information Processing Standards (FIPS) code of the county or county equivalent (parish, borough, etc.) in which the site is located.

#### District

The U.S. Geological Survey District office that operates the site.

#### Drainage area

The area enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above that point.

#### Hydrologic Unit Code (HUC)

Hydrologic units are geographic areas representing part or all of a surface drainage basin or distinct hydrologic feature and are delineated on the State Hydrologic Unit Maps. Each hydrologic unit is identified by a unique number (HUC), and a name.

#### Parameter

Data for water-quality samples, including suspended sediment, bedload, and bed material, are stored under parameter codes. Each parameter code defines a specific type of data. The USGS and USEPA typically use similar parameter-code definitions, although there are exceptions to this rule. Parameter codes fall into three classes:

- 1.Site and sampling-event data, such as site name, site ID, sample data, etc.
- 2.Fixed-value codes, which are used to define a certain part of the process of sample collection, processing, or quality assurance.
- 3.Chemical, physical, and biological data. The following illustrates how codes are defined, and how for one type of measurement, several parameter codes may exist.

#### Parameter Code

#### Parameter Definition

- |       |  |
|-------|--|
| 70331 | Sediment, suspended, sieve diameter, percent finer than 0.062 mm                 |
| 70342 | Sediment, suspended, fall diameter, distilled water, percent finer than 0.062 mm |
| 80154 | Sediment, suspended concentration (mg/L)   |

#### Station Identification Number

Each site in the data base has a unique 8- to 15-digit identification number.

#### Station Name

The name of the site in the database.

Chose a State

Printing Suggestions

Introduction

Glossary of Terms

Appendix A--Parameter Codes

Appendix B--Selected Retrieval Results

Appendix C--Remark and Value Codes

Figure 1--Locations of Sites with Suspended-Sediment Data

Figure 2--Locations of Sites with Particle-Size Distributions of Suspended-Sediment Data

Figure 3--Locations of Sites with Bedload Discharge Data

Figure 4--Locations of Sites with Particle-size Distribution of Bed Material Data

## Monthly Climate Summary

WOLF CANYON, NEW MEXICO (299820)

### Period of Record Monthly Climate Summary

Period of Record : 7/ 1/1952 to 3/31/2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	38.2	40.3	45.5	54.6	64.0	74.0	76.6	73.8	68.7	59.1	46.4	39.5	56.7
Average Min. Temperature (F)	7.7	10.7	16.7	22.7	28.9	35.2	42.2	41.7	34.6	25.4	16.3	9.2	24.3
Average Total Precipitation (in.)	1.75	1.59	1.87	1.25	1.23	1.19	3.39	3.68	1.84	1.85	1.61	1.50	22.74
Average Total SnowFall (in.)	23.0	21.9	23.4	11.5	3.2	0.0	0.0	0.0	0.1	4.7	13.3	20.2	121.3
Average Snow Depth (in.)	8	8	5	1	0	0	0	0	0	0	1	4	2

Percent of possible observations for period of record.

Max. Temp.: 98.4% Min. Temp.: 98.1% Precipitation: 99.3% Snowfall: 99.3% Snow Depth: 98.9%

Western Regional Climate Center, wrcc@dri.edu

JEMEZ SPRINGS, NEW MEXICO (294369)

### Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1914 to 3/31/2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	45.8	50.4	56.9	66.1	74.5	84.0	86.1	83.7	78.5	68.6	56.0	47.0	66.5
Average Min. Temperature (F)	19.6	23.3	27.8	34.4	42.6	50.4	56.2	54.8	48.4	38.2	27.7	21.1	37.0
Average Total Precipitation (in.)	0.95	0.91	1.09	0.99	1.22	1.16	2.70	3.06	1.79	1.56	0.94	0.92	17.32
Average Total SnowFall (in.)	7.9	6.3	4.7	1.8	0.1	0.0	0.0	0.0	0.0	0.2	2.3	6.9	30.2
Average Snow Depth (in.)	1	0	0	0	0	0	0	0	0	0	0	1	0

Percent of possible observations for period of record.

Max. Temp.: 97.6% Min. Temp.: 97.6% Precipitation: 98.1% Snowfall: 58.9% Snow Depth: 58.4%

Western Regional Climate Center, wrcc@dri.edu

STAR LAKE, NEW MEXICO (298524)  
 Period of Record Monthly Climate Summary  
 Period of Record : 1/ 1/1922 to 3/31/2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	40.4	46.0	54.3	64.3	73.5	83.8	87.1	84.1	77.7	66.3	52.1	42.2	64.3
Average Min. Temperature (F)	10.3	16.4	21.5	27.5	36.1	44.8	52.5	51.4	43.1	30.8	20.0	10.9	30.4
Average Total Precipitation (in.)	0.42	0.37	0.49	0.48	0.54	0.53	1.34	1.85	1.12	0.91	0.58	0.52	9.15
Average Total SnowFall (in.)	5.0	3.5	2.8	1.1	0.4	0.0	0.0	0.0	0.0	0.5	1.7	4.0	19.2
Average Snow Depth (in.)	1	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.

Max. Temp.: 61.9% Min. Temp.: 62% Precipitation: 64.4% Snowfall: 62.3% Snow Depth: 60.4%

Western Regional Climate Center, wrcc@dri.edu

TORREON NAVAJO MISSION, NEW MEXICO (299031)  
 Period of Record Monthly Climate Summary  
 Period of Record : 1/13/1961 to 3/31/2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	41.8	47.7	56.2	66.1	75.8	86.0	89.0	85.8	78.7	67.8	53.0	43.3	65.9
Average Min. Temperature (F)	15.2	20.5	25.1	31.2	40.1	49.0	56.1	54.5	47.1	35.2	24.3	16.2	34.5
Average Total Precipitation (in.)	0.50	0.44	0.65	0.54	0.67	0.61	1.54	1.87	1.25	1.01	0.69	0.51	10.27
Average Total SnowFall (in.)	5.0	3.5	2.8	1.0	0.2	0.0	0.0	0.0	0.0	0.8	2.0	4.3	19.6
Average Snow Depth (in.)	1	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.

Max. Temp.: 98.9% Min. Temp.: 99% Precipitation: 99.5% Snowfall: 98.8% Snow Depth: 96.7%

Western Regional Climate Center, wrcc@dri.edu

REGINA, NEW MEXICO (297346)

Period of Record Monthly Climate Summary

Period of Record : 7/ 1/1914 to 8/31/1969

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	39.3	42.2	49.0	59.7	69.8	80.4	84.4	81.4	75.4	64.9	50.4	41.6	61.5
Average Min. Temperature (F)	10.2	14.4	20.2	27.5	34.8	42.2	49.4	48.4	40.8	30.4	19.4	12.4	29.2
Average Total Precipitation (in.)	0.98	1.13	1.14	1.15	1.00	0.86	2.28	2.49	1.67	1.30	0.78	1.04	15.82
Average Total SnowFall (in.)	11.4	10.5	9.5	2.4	0.0	0.0	0.0	0.0	0.0	1.5	4.0	10.5	49.9
Average Snow Depth (in.)	2	2	1	0	0	0	0	0	0	0	0	2	1

Percent of possible observations for period of record.

Max. Temp.: 70.1% Min. Temp.: 70.1% Precipitation: 90.7% Snowfall: 39.1% Snow Depth: 35.5%

Western Regional Climate Center, wrcc@dri.edu

CUBA, NEW MEXICO (292241)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1941 to 3/31/2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	41.6	45.0	52.2	62.1	71.4	82.1	85.7	83.1	76.9	66.6	52.7	43.6	63.6
Average Min. Temperature (F)	9.8	14.0	20.4	26.2	34.1	41.7	50.1	48.7	40.1	28.4	18.0	10.4	28.5
Average Total Precipitation (in.)	0.82	0.66	0.99	0.73	0.82	0.75	2.02	2.33	1.33	1.18	0.77	0.72	13.11
Average Total SnowFall (in.)	7.7	5.3	4.4	1.1	0.0	0.0	0.0	0.0	0.0	0.5	2.3	5.7	26.9
Average Snow Depth (in.)	2	1	0	0	0	0	0	0	0	0	0	1	0

Percent of possible observations for period of record.

Max. Temp.: 83.4% Min. Temp.: 83.4% Precipitation: 97.1% Snowfall: 80.8% Snow Depth: 76.4%

Western Regional Climate Center, wrcc@dri.edu



<http://home.earthlink.net/~jemrec/jemez/envover.html>

## Jemez Information

### Environmental Overview

Soils in the Jemez Province are deepest in the lower elevations where sedimentary rocks have been exposed for long period. These situations typically occur in the canyon bottoms. Soils found on the volcanic deposits have undergone highly variable degrees of formation. Soil depth varies widely in these areas. Soils forming in material derived from limestone, tuff, pumice, or basalt are usually the most fertile in the area (Gass and Price 1980:38).

Thermal, mineral, and cold springs abound in the area. The Jemez Hot Springs, from which Jemez Springs gets its name, are associated with the Jemez Fault, which runs roughly down Jemez Canyon. There are about 10 separate springs forming the Jemez Springs group. The temperature of these 10 springs ranges from 34 to 76 degrees C. (93 to 168 degrees F.). The water quality of these 10 springs is highly variable but is generally high in calcium, magnesium, sodium, bicarbonate, and chlorides. Sulfates are low in these particular springs, unlike those further up the canyon (Purtymun et al. 1974).

Average annual precipitation in Jemez Springs is about 17 inches (43 cm). July and August are the wettest months. Approximately half of the precipitation occurs in the form of intense summer thunderstorms. Snowfall averages about 32.7 inches (83 cm) per winter. Mean annual temperature is from 51.9 degrees F (11 degrees C.). Jemez Springs experiences an annual average of 175 frost-free days.

The vegetation of the area varies from a pinyon-juniper woodland at lower elevations to a mixed conifer forest association at higher elevations. The predominant vegetation type on the mesa tops is Ponderosa pine. The major drainages support a riparian cottonwood-willow association.

- Southern Jemez Plateau
  - [Environmental Overview](#)
  - [Archeology and History](#)
  - [History of Archeological Research](#)
  - [Sources for Further Study](#)
  - [Large Pueblo Sites](#)
  - [Jemez State Monument](#)
  - [Logging Camps of the Cañon de San Diego Grant](#)

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