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EL RITO, NEW MEXICO

NCDC 1961-1990 Monthly Normals

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Mean Max. Temperature (F)	41.1	46.0	53.2	62.4	71.2	80.6	84.6	81.8	76.3	66.3	52.3	42.8	63.2
Highest Mean Max. Temperature (F)	51.9	53.9	61.4	71.1	76.6	85.5	89.7	86.3	82.8	73.9	58.6	52.6	66.9
Year Highest Occurred	1986	1981	1972	1989	1974	1981	1963	1962	1963	1963	1962	1980	1963
Lowest Mean Max. Temperature (F)	33.5	38.8	48.2	55.7	67.3	76.1	80.6	77.5	72.3	55.8	43.5	36.3	60.7
Year Lowest Occurred	1979	1964	1973	1973	1980	1969	1986	1968	1986	1984	1972	1971	1982
Mean Temperature (F)	27.9	32.8	38.9	47.0	55.1	63.6	69.0	66.7	60.8	51.0	38.9	30.1	48.5
Highest Mean Temperature (F)	38.3	37.9	44.6	54.3	59.2	68.1	72.3	68.8	66.5	57.0	42.5	38.6	50.9
Year Highest Occurred	1986	1976	1972	1989	1974	1990	1963	1970	1990	1963	1965	1980	1981
Lowest Mean Temperature (F)	22.6	24.9	34.4	41.6	51.7	60.0	66.1	63.8	57.9	44.1	32.1	25.9	46.9
Year Lowest Occurred	1988	1964	1962	1973	1980	1970	1986	1968	1961	1984	1979	1967	1975
Mean Min. Temperature (F)	14.7	19.5	24.6	31.4	38.8	46.6	53.2	51.6	45.3	35.7	25.5	17.3	33.7
Highest Mean Min. Temperature (F)	24.6	24.0	28.9	37.5	42.1	52.4	56.5	54.2	54.0	40.2	31.2	24.6	36.0
Year Highest Occurred	1986	1976	1986	1989	1988	1971	1971	1990	1990	1972	1987	1980	1986
Lowest Mean Min. Temperature (F)	8.6	10.9	17.5	26.8	34.5	42.3	50.1	48.7	41.9	31.0	19.7	12.4	31.4
Year Lowest Occurred	1964	1964	1962	1970	1977	1970	1987	1965	1968	1970	1979	1968	1964
Mean Precipitation (in.)	0.71	0.63	0.74	0.71	0.79	0.88	1.75	2.20	1.31	1.10	0.79	0.60	12.21
Highest Precipitation (in.)	2.12	1.78	2.24	2.41	2.31	3.07	3.82	6.85	3.16	4.33	2.88	1.57	17.74
Year Highest Occurred	1974	1963	1973	1977	1979	1966	1969	1967	1971	1972	1978	1984	1969
Lowest Precipitation (in.)	0.02	0.02	0.06	0.02	0.04	0.03	0.20	0.23	0.13	0.05	0.00	0.00	8.10

Year Lowest Occurred	1986	1977	1966	1967	1975	1980	1987	1962	1968	1967	1989	1963	1962
Heating Degree Days (F)	1150.	902.	809.	540.	307.	92.	5.	20.	143.	434.	783.	1082.	6267.
Cooling Degree Days (F)	0.	0.	0.	0.	0.	50.	129.	73.	17.	0.	0.	0.	269.

Western Regional Climate Center, wrcc@dri.edu

ABIQUIU DAM, NEW MEXICO (290041)

Period of Record Monthly Climate Summary

Period of Record : 6/ 1/1957 to 7/31/2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	41.4	47.2	54.3	62.8	72.3	82.5	86.6	84.0	77.3	66.8	53.1	44.1	64.4
Average Min. Temperature (F)	16.7	21.7	28.4	34.0	43.1	51.7	57.5	56.0	48.3	37.4	26.7	18.4	36.6
Average Total Precipitation (in.)	0.38	0.25	0.55	0.61	0.85	0.76	1.65	2.05	1.14	0.91	0.53	0.33	10.00
Average Total Snowfall (in.)	2.0	1.4	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.1	7.9
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.

Max. Temp.: 91.2% Min. Temp.: 91.2% Precipitation: 99.8% Snowfall: 93.5% Snow Depth: 88.8%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrc@dr.edu

CHAMA, NEW MEXICO (291664)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1914 to 7/31/2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	36.9	40.5	46.1	56.2	65.5	76.3	80.6	77.8	72.1	61.6	47.9	38.9	58.4
Average Min. Temperature (F)	6.0	10.0	16.0	24.2	31.5	38.4	45.9	45.5	38.2	28.3	17.4	9.5	25.9
Average Total Precipitation (in.)	1.91	1.70	1.85	1.40	1.36	1.01	2.20	2.70	1.99	1.69	1.36	1.78	20.95
Average Total SnowFall (in.)	24.6	19.6	17.1	6.3	0.9	0.0	0.0	0.0	0.2	3.5	11.1	17.4	100.6
Average Snow Depth (in.)	14	16	10	2	0	0	0	0	0	0	2	7	4

Percent of possible observations for period of record.

Max. Temp.: 69.9% Min. Temp.: 69.3% Precipitation: 96.1% Snowfall: 58% Snow Depth: 53.9%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrccl@dri.edu

DULCE, NEW MEXICO (292608)**Period of Record Monthly Climate Summary****Period of Record : 6/1/1906 to 7/31/2000**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	37.9	43.3	51.9	61.7	70.9	81.3	85.4	82.8	76.9	65.7	50.8	40.1	62.4
Average Min. Temperature (F)	2.7	10.5	18.9	24.9	31.4	37.8	46.8	46.1	37.2	26.6	16.7	6.9	25.5
Average Total Precipitation (in)	1.38	1.37	1.47	1.12	1.13	0.82	2.11	2.50	1.59	1.47	1.31	1.35	17.62
Average Total SnowFall (in.)	13.0	12.6	8.1	2.4	0.3	0.0	0.0	0.0	0.0	1.4	6.4	13.1	57.5
Average Snow Depth (in.)	7	6	1	0	0	0	0	0	0	0	0	0	3

Percent of possible observations for period of record.

Max. Temp.: 90.2% Min. Temp.: 89.8% Precipitation: 92.4% Snowfall: 89.7% Snow Depth: 48.4%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.*Western Regional Climate Center, wrccl@dri.edu*

EL RITO, NEW MEXICO (292820)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1933 to 7/31/2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	41.8	46.8	53.9	62.6	71.4	80.5	84.6	82.0	76.6	66.7	52.4	43.1	63.5
Average Min. Temperature (F)	15.8	20.2	25.0	31.7	39.4	46.7	53.5	52.2	45.8	35.9	25.6	17.6	34.1
Average Total Precipitation (in.)	0.72	0.59	0.80	0.74	0.99	0.84	1.66	2.21	1.31	1.10	0.76	0.60	12.32
Average Total SnowFall (in.)	7.8	6.5	5.1	1.6	0.0	0.0	0.0	0.0	0.0	0.8	2.9	5.7	30.5
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.: 54.9% Min. Temp.: 54.7% Precipitation: 96.6% Snowfall: 72.9% Snow Depth: 65%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrccl@dri.edu

EL VADO DAM, NEW MEXICO (292837)

Period of Record Monthly Climate Summary

Period of Record : 9/ 1/1923 to 7/31/2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	39.7	44.1	50.5	60.1	69.8	80.5	85.2	82.1	76.0	65.8	51.5	41.8	62.3
Average Min. Temperature (F)	5.2	11.9	19.9	25.7	33.1	40.1	48.4	47.6	38.4	27.4	17.9	9.5	27.1
Average Total Precipitation (in.)	1.04	0.80	1.08	0.97	1.00	0.82	1.82	2.38	1.53	1.22	0.91	0.99	14.55
Average Total SnowFall (in.)	12.6	8.1	5.8	2.3	0.3	0.0	0.0	0.0	0.0	1.0	4.6	9.1	43.7
Average Snow Depth (in.)	4	4	1	0	0	0	0	0	0	0	0	0	2

Percent of possible observations for period of record.

Max. Temp.: 65.7% Min. Temp.: 65.6% Precipitation: 83.2% Snowfall: 65.7% Snow Depth: 63.9%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrccl@tri.edu

ESPANOLA, NEW MEXICO (293031)

Period of Record Monthly Climate Summary

Period of Record : 1/ 1/1914 to 7/31/2000

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	45.9	52.6	60.1	69.0	77.9	88.0	90.1	87.3	81.5	71.7	58.2	47.1	69.1
Average Min. Temperature (F)	14.8	20.7	26.0	33.1	41.4	50.0	56.6	54.7	46.2	34.0	22.6	15.4	34.6
Average Total Precipitation (in.)	0.44	0.42	0.58	0.69	0.93	0.70	1.39	1.79	0.98	0.95	0.53	0.48	9.87
Average Total SnowFall (in.)	3.0	1.7	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.3	0.9	2.3	10.0
Average Snow Depth (in.)	0	0	0	0	0	0	0	0	0	0	0	0	0

Percent of possible observations for period of record.

Max. Temp.: 53.5% Min. Temp.: 53.6% Precipitation: 81.7% Snowfall: 55.7% Snow Depth: 52.5%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.

Western Regional Climate Center, wrccl@dri.edu

LINDRITH 2 SE, NEW MEXICO (294960)**Period of Record Monthly Climate Summary****Period of Record : 8/ 1/1971 to 7/31/2000**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	40.4	44.6	52.4	61.1	69.9	81.6	84.9	82.0	75.6	65.1	50.0	41.8	62.4
Average Min. Temperature (F)	11.3	15.0	22.1	27.3	35.6	44.6	50.7	49.9	42.2	31.1	20.3	13.2	30.3
Average Total Precipitation (in.)	1.05	0.81	1.35	0.78	0.96	0.89	1.93	2.25	1.31	1.10	1.12	0.85	14.39
Average Total SnowFall (in.)	16.1	12.1	9.8	4.1	0.3	0.0	0.0	0.0	0.0	2.6	7.1	10.6	62.8
Average Snow Depth (in.)	4	2	0	0	0	0	0	0	0	0	1	2	1

Percent of possible observations for period of record.

Max. Temp.: 92.1% Min. Temp.: 91.4% Precipitation: 95.7% Snowfall: 95.5% Snow Depth: 76%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.*Western Regional Climate Center, wrccl@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%

Check [Station Metadata](#) or [Metadata graphics](#) for more detail about data completeness.*Western Regional Climate Center, wrc@drf.edu*

United States
Department of
Agriculture

Natural Resources
Conservation
Service

Water and Climate Center
Portland, Oregon

S N O W - P R E C I P I T A T I O N U P D A T E

Based on Mountain Data from NRCS SNOTEL Sites
As of TUESDAY: FEBRUARY 16 , 1999

BASIN Data Site Name	ELEV. (Ft)	SNOW WATER EQUIVALENT			TOTAL PRECIPITATION		
		Current	Average	% Avg	Current	Average	% Avg
NEW MEXICO							
RIO CHAMA RIVER BASIN							
BATEMAN	9300	5.9	9.3	63	12.1	10.6	114
CHAMITA	8400	5.4	8.1	67	10.3	9.2	112
CUMBRES TRESTLE	10040	13.7	17.6	78	17.3	17.3	100
HOPEWELL	10000	10.3	14.8	70	15.2	15.3	99
Basin wide percent of average				71			105
UPPER RIO GRANDE BASIN							
BEARTOWN	11600	16.7	19.2	87	18.6	17.7	105
CUMBRES TRESTLE	10040	13.7	17.6	78	17.3	17.3	100
LILY POND	11000	11.1	11.9	93	16.3	15.8	103
MEDANO PASS	9700	3.4	5.2	65	9.2	6.2	148
MIDDLE CREEK	11250	17.0	15.2	112	19.0	16.8	113
UPPER RIO GRANDE	9400	5.2	4.5	116	9.6	8.3	116
UPPER SAN JUAN	10200	25.0	21.9	114	26.8	22.7	118
WOLF CREEK SUMMIT	11000	24.5	23.7	103	26.4	25.6	103
Basin wide percent of average				98			110
SANGRE DE CRISTO MOUNTAIN RANGE BASINS							
CULEBRA #2	10500	7.1	8.8	81	9.5	8.2	116
ELK CABIN	8210	-M	3.4	*	7.1	6.0	118
GALLEGOS PEAK	9800	6.0	8.1	74	10.1	9.9	102
NORTH COSTILLA	10600	2.8	2.7	104	9.4	8.1	116
PANCHUELA	8400	1.2	4.4	27	7.1	7.4	96
RED RIVER PASS #2	9850	6.0	5.0	120	8.3	6.2	134
SANTA FE	11445	6.6	9.8	67	9.8	11.5	85
TOLBY	10180	4.7	5.6	84	9.6	8.9	108
TRINCHERA	10859	6.8	5.4	126	8.7	9.2	95
WESNER SPRINGS	11120	7.3	10.8	68	11.8	12.2	97
Basin wide percent of average				80			104

JEMEZ RIVER BASIN

QUEMAZON	9500	3.8	8.5	45	9.9	7.8	127
SENORITA DIVIDE #2	8600	1.2	7.5	16	9.3	12.2	76
				-----			-----
Basin wide percent of average				31			96

SAN FRANCISCO RIVER BASIN

CORONADO TRAIL	8400	.0	4.1	0	6.1	9.7	63
FRISCO DIVIDE	8000	.0	3.8	0	6.9	8.4	82
SILVER CREEK DIVIDE	9000	-M	9.6	*	7.4	15.8	47
				-----			-----
Basin wide percent of average				0			60

GILA RIVER BASIN

LOOKOUT MOUNTAIN	8500	-M	2.8	*	5.4	6.6	82
SIGNAL PEAK	8360	-M	6.0	*	9.0	12.1	74
SILVER CREEK DIVIDE	9000	-M	9.6	*	7.4	15.8	47
				-----			-----
Basin wide percent of average				*			63

MIMBRES RIVER BASIN

SIGNAL PEAK	8360	-M	6.0	*	9.0	12.1	74
				-----			-----
Basin wide percent of average				*			74

PECOS RIVER BASIN

PANCHUELA	8400	1.2	4.4	27	7.1	7.4	96
WESNER SPRINGS	11120	7.3	10.8	68	11.8	12.2	97
				-----			-----
Basin wide percent of average				56			96

SAN JUAN RIVER HEADWATERS

BEARTOWN	11600	16.7	19.2	87	18.6	17.7	105
MIDDLE CREEK	11250	17.0	15.2	112	19.0	16.8	113
WOLF CREEK SUMMIT	11000	24.5	23.7	103	26.4	25.6	103
VALLECITO	10880	10.5	12.4	85	14.5	15.6	93
UPPER SAN JUAN	10200	25.0	21.9	114	26.8	22.7	118
				-----			-----
Basin wide percent of average				101			107

ANIMAS RIVER BASIN

STUMP LAKES	11200	12.7	14.3	89	15.3	15.1	101
RED MOUNTAIN PASS	11200	-M	17.4	*	-M	16.9	*

COLUMBUS BASIN	10785	17.2	28.3	61	20.1	27.1	74
MOLAS LAKE	10500	-M	15.7	*	-M	11.5	*
SPUD MOUNTAIN	10660	18.6	22.5	83	22.5	18.5	122
MINERAL CREEK	10040	10.4	11.2	93	14.0	11.1	126
CASCADE	8880	9.1	10.7	85	16.5	14.4	115

Basin wide percent of average				78			103
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CIMARRON RIVER BASIN

RED RIVER PASS #2	9850	6.0	5.0	120	8.3	6.2	134
TOLBY	10180	4.7	5.6	84	9.6	8.9	108

Basin wide percent of average				101			119
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ZUNI/BLUEWATER RIVER BASIN

RICE PARK	8460	.9	4.9	18	8.7	7.6	114
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Basin wide percent of average				18			114
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-M = Missing data

* = Data may not provide a valid measure of conditions.

If the Basin wide percent of average value is flagged as potentially invalid, care should be taken to evaluate if the value is representative of conditions in the basin.

The SNOW WATER EQUIVALENT Percent of Average represents the snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day.

The TOTAL PRECIPITATION Percent of Average represents the total precipitation (beginning October 1st) found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day.

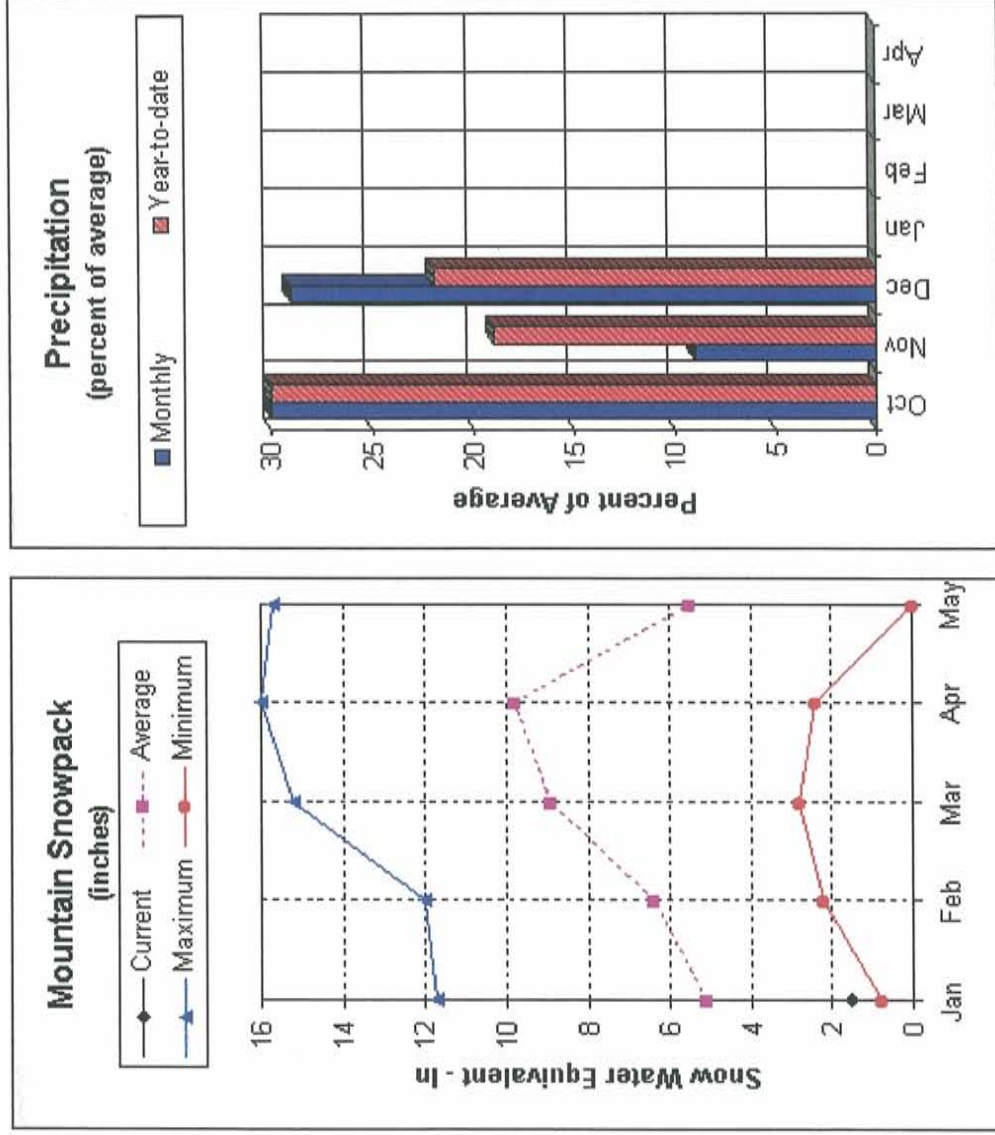
Contact your state water supply staff for assistance.

Reference period for average conditions is 1961-90.

Provisional data, subject to revision.

Rio Grande Basin as of January 1, 2000

Streamflow forecasts for the Rio Grande Basin range from 24 percent of average on the Rio Grande at San Marcial to 65 percent of average in the Santa Fe River near Santa Fe. Precipitation in October was 29 percent of average down considerably from last year's 273 percent. November precipitation came in at 9 percent of average down from last year's 121 percent. December precipitation was 29 percent of average as compared to last year's 23 percent. Snowpack in the basin at report time is 30 percent of the 30 year average.



RIO GRANDE BASIN
Streamflow Forecasts - January 1, 2000

Forecast Pt	<=== Drier ===	Future Conditions	=== Wetter ===>					
Forecast Period	90% (1000AF)	70% (1000AF)	50% (Most Prob)	30% (1000AF)	10% (1000AF)	30 Yr Avg (1000AF)		
Rio Grande nr Del Norte								
APR-SEP	109	173	281	54	389	549	520	
Platoro Reservoir Inflow								
APR-JUL	10.0	23	31	53	40	52	59	
APR-SEP	11.9	26	35	54	44	58	65	
Conejos River nr Mogote								
APR-SEP	29	78	111	55	144	193	201	
Costilla Reservoir Inflow								
MAR-JUL	1.21	3.06	4.80	53	6.93	10.76	9.10	
Costilla Creek nr Costilla								
MAR-JUL	4.2	6.6	10.6	48	17.9	29	22	
Red River blw Fish Hatchery nr Questa								
MAR-JUL	9.1	14.8	19.5	59	25	34	33	
Rio Hondo nr Valdez								
MAR-JUL	3.2	6.4	9.2	56	12.5	18.3	16.4	
Rio Pueblo de Taos nr Taos								
MAR-JUL	3.7	6.0	8.3	54	11.5	18.7	15.3	
Rio Pueblo de Taos blw Los Cordovas								
MAR-JUL	5.2	9.2	13.5	42	19.9	35	32	
El Vado Reservoir Inflow								
MAR-JUL	45	57	113	51	169	252	223	
APR-JUL	41	50	102	50	154	230	206	
Santa Cruz River at Cundiyo								
MAR-JUL	2.7	6.9	9.7	60	12.5	16.7	16.2	

Name Falls Reservoir Inflow						
MAR-JUL	1.74	2.50	3.20	53	4.10	5.89 6.00
Tesuque Creek abv diversions						
MAR-JUL	0.40	0.49	1.02	52	1.55	2.34 1.98
Rio Grande at Otowi Bridge						
MAR-JUL	110	185	290	42	552	937 686
Santa Fe River nr Santa Fe						
MAR-JUL	1.02	1.84	2.60	65	3.54	5.30 4.00
Jemez River nr Jemez						
MAR-JUL	6.0	9.5	15.6	36	26	42 43
Jemez Canyon Reservoir inflow						
MAR-JUL	5.7	9.5	14.5	38	26	44 38
Rio Grande at San Marcial						
MAR-JUL	50	82	120	24	356	704 501

* 90%, 70%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1961-1990 base period.

- (1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
- (2) - The value is natural volume - actual volume may be affected by upstream water management.

RIO GRANDE BASIN						
Reservoir Storage (1000AF) End of December						
Reservoir	Usable Capacity	***** This Year	Usable Storage Last Year	***** Average	*****	
ABIQUIU	554.5	177.3	170.5	69.0		
CABALLO	331.5	42.3	41.6	66.8		
COCHITI	502.3	50.9	59.7	65.0		
COSTILLA	16.0	13.4	4.8	4.5		
EL VADO	186.3	139.0	105.4	66.4		
ELEPHANT BUTTE	2065.0	1708.2	1698.0	774.0		
HERON	400.0	378.7	307.3	239.9		

RIO GRANDE BASIN
Watershed Snowpack Analysis - January 1, 2000

Watershed	Number of Data Sites	This Year as Percent of Last Year	Average
RIO GRANDE BASIN	11	36	30

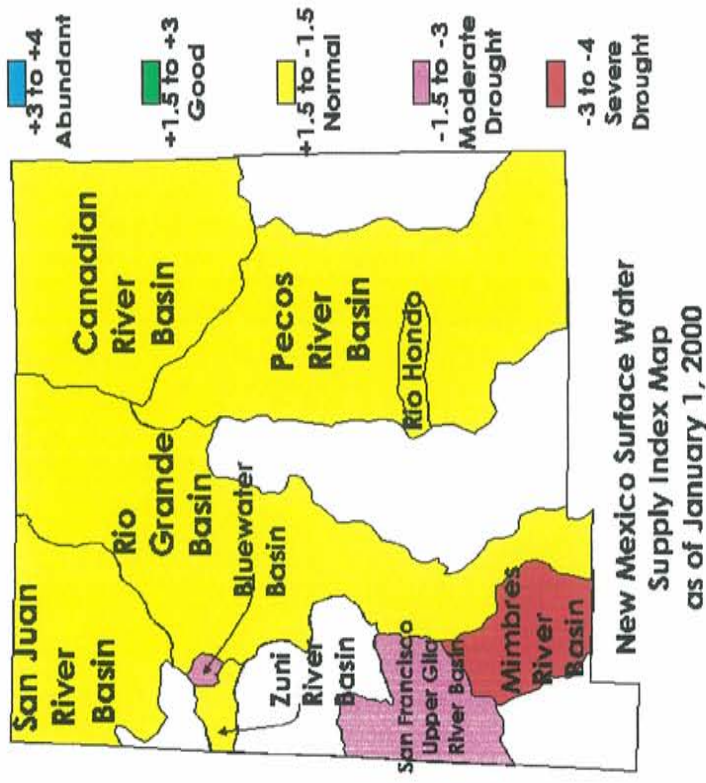
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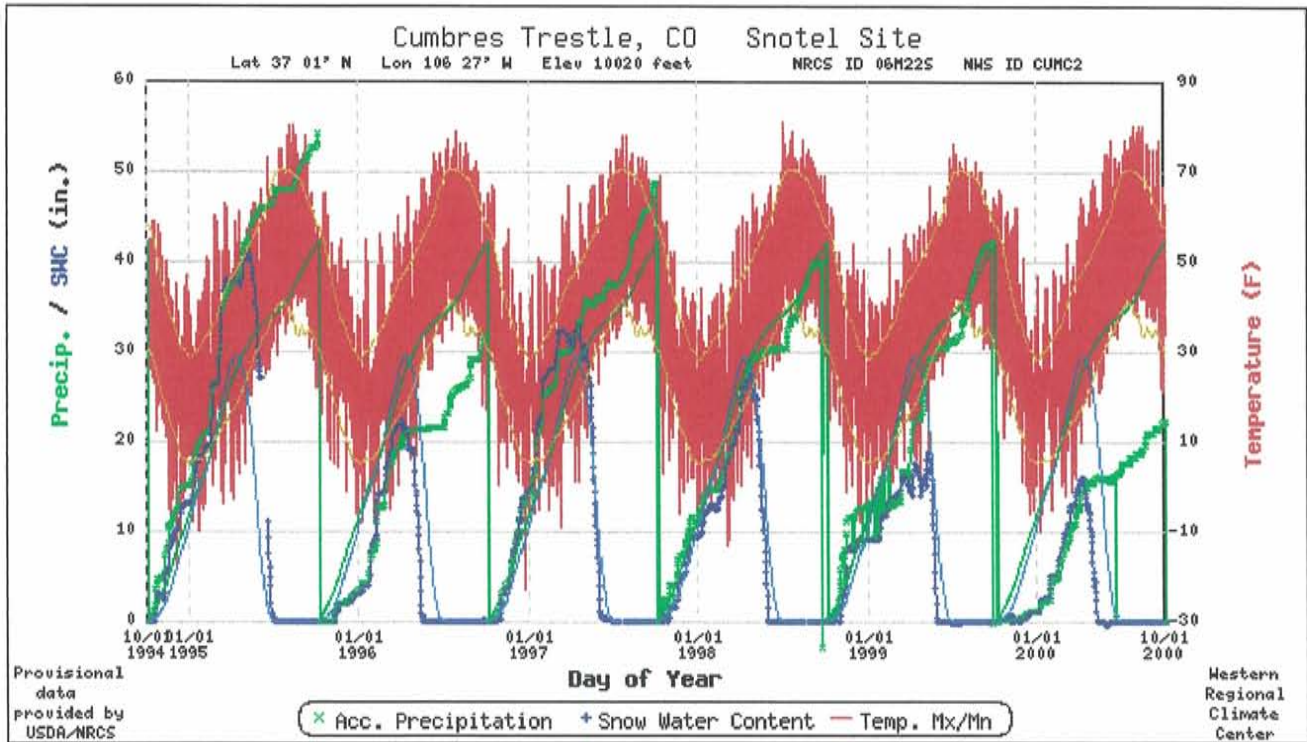
[E-mail Questions or Comments](#)

or Write:

Dan Murray, Water Supply Specialist
Natural Resources Conservation Service
6200 Jefferson NE
Albuquerque, NM 87109



Snotel Graph



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RIO TUSAS			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14	21	0.072	0.9
14-16	36	0.123	1.8
16-18	43	0.147	2.5
18-20	71	0.242	4.6
20-25	39	0.133	3.0
25-30	79	0.270	7.4
30-35	4	0.014	0.4
>35		0.000	0.0
Total squares	293		
Average precipitation for watershed			20.7
RIO VALLECITOS			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14	11	0.041	0.5
14-16	6	0.022	0.3
16-18	33	0.123	2.1
18-20	62	0.231	4.4
20-25	44	0.164	3.7
25-30	112	0.418	11.5
30-35		0.000	0.0
>35		0.000	0.0
Total squares	268		
Average precipitation for watershed			22.5
EL RITO			
Precipitation (in)	squares	fraction	weighted average
10-12	4	0.020	0.2
12-14	55	0.270	3.5
14-16	35	0.172	2.6
16-18	32	0.157	2.7
18-20	25	0.123	2.3
20-25	38	0.186	4.2
25-30	19	0.093	2.6
30-35		0.000	0.0
>35		0.000	0.0
Total squares	204		
Average precipitation for watershed			17.8

RIO BRAZOS			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16		0.000	0.0
16-18		0.000	0.0
18-20		0.000	0.0
20-25	24	0.110	2.5
25-30	94	0.429	11.8
30-35	101	0.461	15.0
>35		0.000	0.0
Total squares	219		
Average precipitation for watershed			29.3
CANONES CREEK			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16		0.000	0.0
16-18		0.000	0.0
18-20		0.000	0.0
20-25	19	0.487	11.0
25-30	11	0.282	7.8
30-35	9	0.231	7.5
>35		0.000	0.0
Total squares	39		
Average precipitation for watershed			26.2
UPPER CHAMA WATERSHED IN NM			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16		0.000	0.0
16-18	14	0.069	1.2
18-20	27	0.134	2.5
20-25	119	0.589	13.3
25-30	32	0.158	4.4
30-35	10	0.050	1.6
>35		0.000	0.0
Total squares	202		
Average precipitation for watershed			22.9

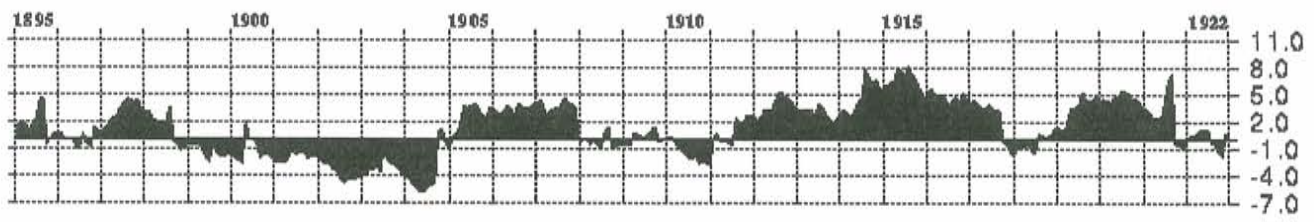
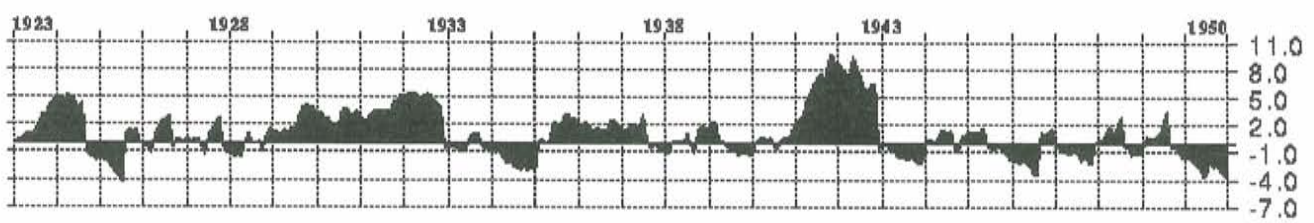
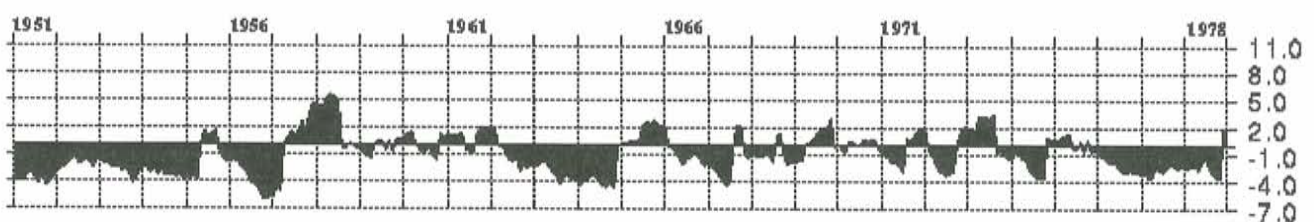
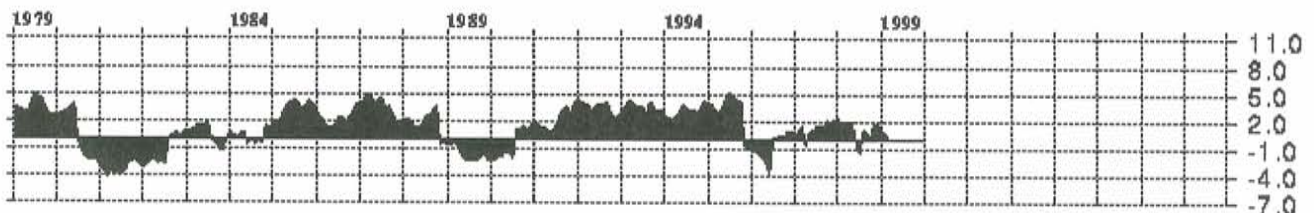
RIO PUERCO			
Precipitation (in)	squares	fraction	weighted average
12-14	32	0.165	2.1
14-16	35	0.180	2.7
16-18	31	0.160	2.7
18-20	19	0.098	1.9
20-25	19	0.098	2.2
25-30	19	0.098	2.7
30-35	36	0.186	6.0
>35	3	0.015	0.5
Total squares	194		
Average precipitation for watershed			20.9
CANONES AND POLVADERA			
Precipitation (in)	squares	fraction	weighted average
12-14	12	0.160	2.1
14-16	8	0.107	1.6
16-18	0	0.000	0.0
18-20	8	0.107	2.0
20-25	5	0.067	1.5
25-30	14	0.187	5.1
30-35	17	0.227	7.4
>35	11	0.147	5.1
Total squares	75		
Average precipitation for watershed			24.8
OJO CALIENTE			
Precipitation (in)	squares	fraction	weighted average
10-12	45	0.171	1.9
12-14	209	0.795	10.3
14-16	46	0.175	2.6
16-18	8	0.030	0.5
18-20		0.000	0.0
20-25		0.000	0.0
25-30		0.000	0.0
30-35		0.000	0.0
>35		0.000	0.0
Total squares	263		
Average precipitation for watershed			13.5

WILLOW CREEK			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16		0.000	0.0
16-18		0.000	0.0
18-20	112	0.663	12.6
20-25	57	0.337	7.6
25-30		0.000	0.0
30-35		0.000	0.0
>35		0.000	0.0
Total squares	169		
Average precipitation for watershed			20.2
CANJILON CREEK			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14	22	0.107	1.4
14-16	54	0.262	3.9
16-18	67	0.325	5.5
18-20	28	0.136	2.6
20-25	35	0.170	3.8
25-30		0.000	0.0
30-35		0.000	0.0
>35		0.000	0.0
Total squares	206		
Average precipitation for watershed			17.3
RIO CEBOLLA			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14	4	0.022	0.3
14-16	107	0.598	9.0
16-18	57	0.318	5.4
18-20	11	0.061	1.2
20-25		0.000	0.0
25-30		0.000	0.0
30-35		0.000	0.0
>35		0.000	0.0
Total squares	179		
Average precipitation for watershed			15.8

RIO NUTRIAS			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16	48	0.281	4.2
16-18	79	0.462	7.9
18-20	18	0.105	2.0
20-25	11	0.064	1.4
25-30	8	0.047	1.3
30-35	7	0.041	1.3
>35		0.000	0.0
Total squares	171		
Average precipitation for watershed			18.1
RITO DE TIERRA AMARILLA			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14		0.000	0.0
14-16		0.000	0.0
16-18	18	0.200	3.4
18-20	31	0.344	6.5
20-25	17	0.189	4.3
25-30	15	0.167	4.6
30-35	9	0.100	3.3
>35		0.000	0.0
Total squares	90		
Average precipitation for watershed			22.0
HORSE LAKE, STINKING LAKE, ETC			
Precipitation (in)	squares	fraction	weighted average
10-12	0	0.000	0.0
12-14	10	0.018	0.2
14-16	73	0.131	2.0
16-18	312	0.560	9.5
18-20	162	0.291	5.5
20-25	0	0.000	0.0
25-30	0	0.000	0.0
30-35	0	0.000	0.0
>35	0	0.000	0.0
Total squares	557		
Average precipitation for watershed			17.2

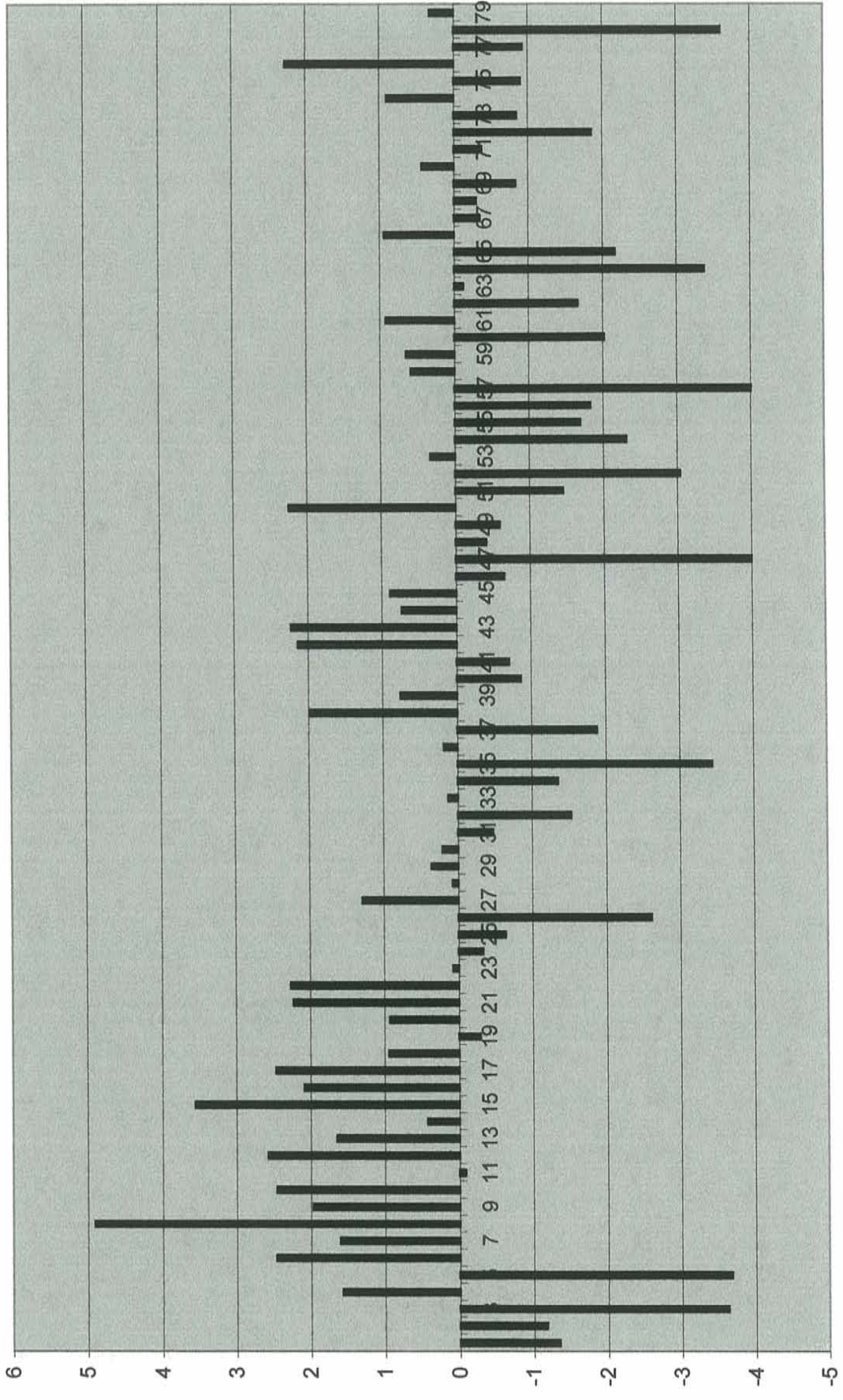
RIO GALLINA			
Precipitation (in)	squares	fraction	weighted average
10-12		0.000	0.0
12-14	17	0.065	0.8
14-16	32	0.122	1.8
16-18	182	0.695	11.8
18-20	9	0.034	0.7
20-25	5	0.019	0.4
25-30	7	0.027	0.7
30-35	8	0.031	1.0
>35	2	0.008	0.3
Total squares	262		
Average precipitation for watershed			17.6

Palmer Drought Severity Index

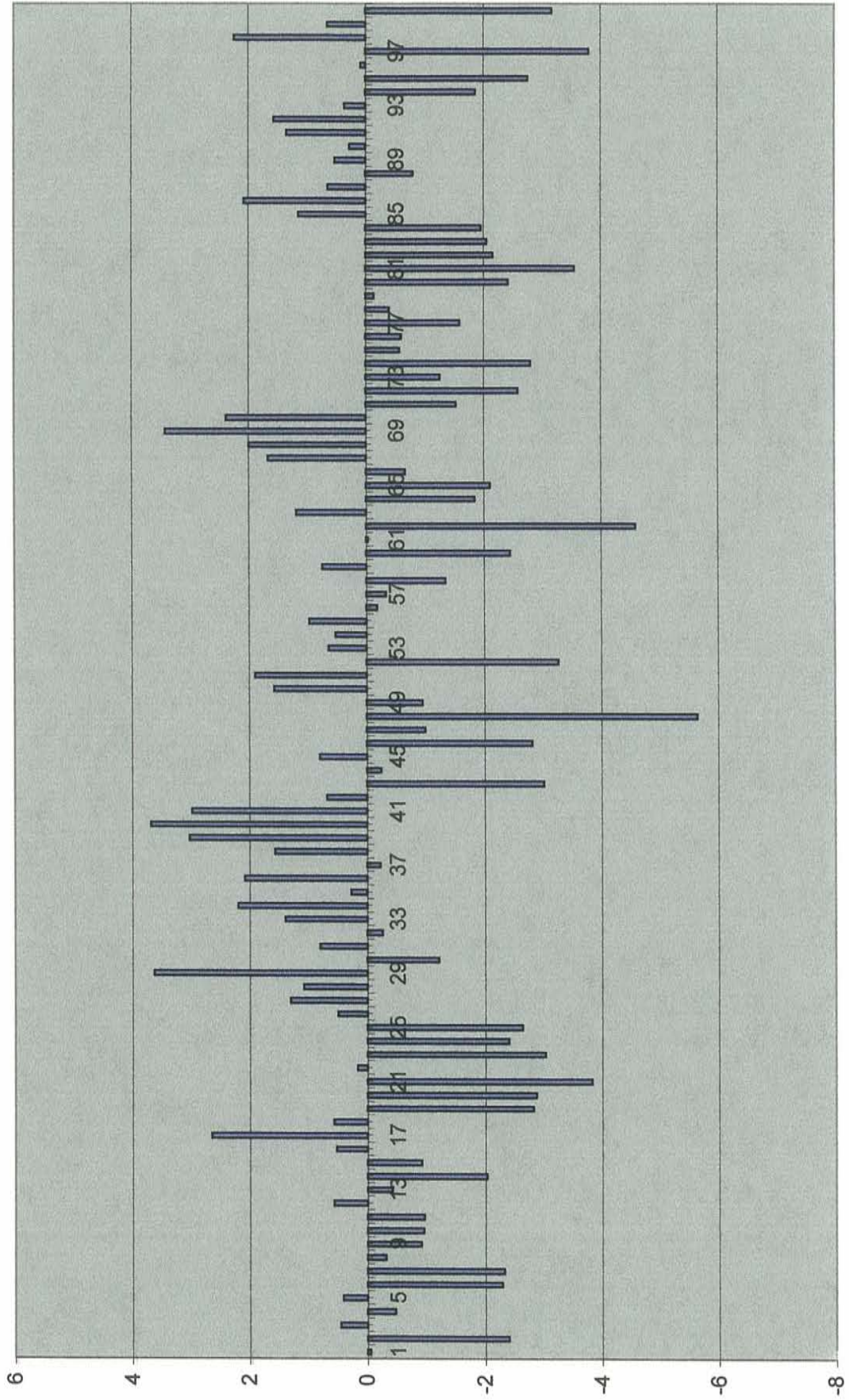


New Mexico - Division 02: 1895-1999 (Monthly Averages)

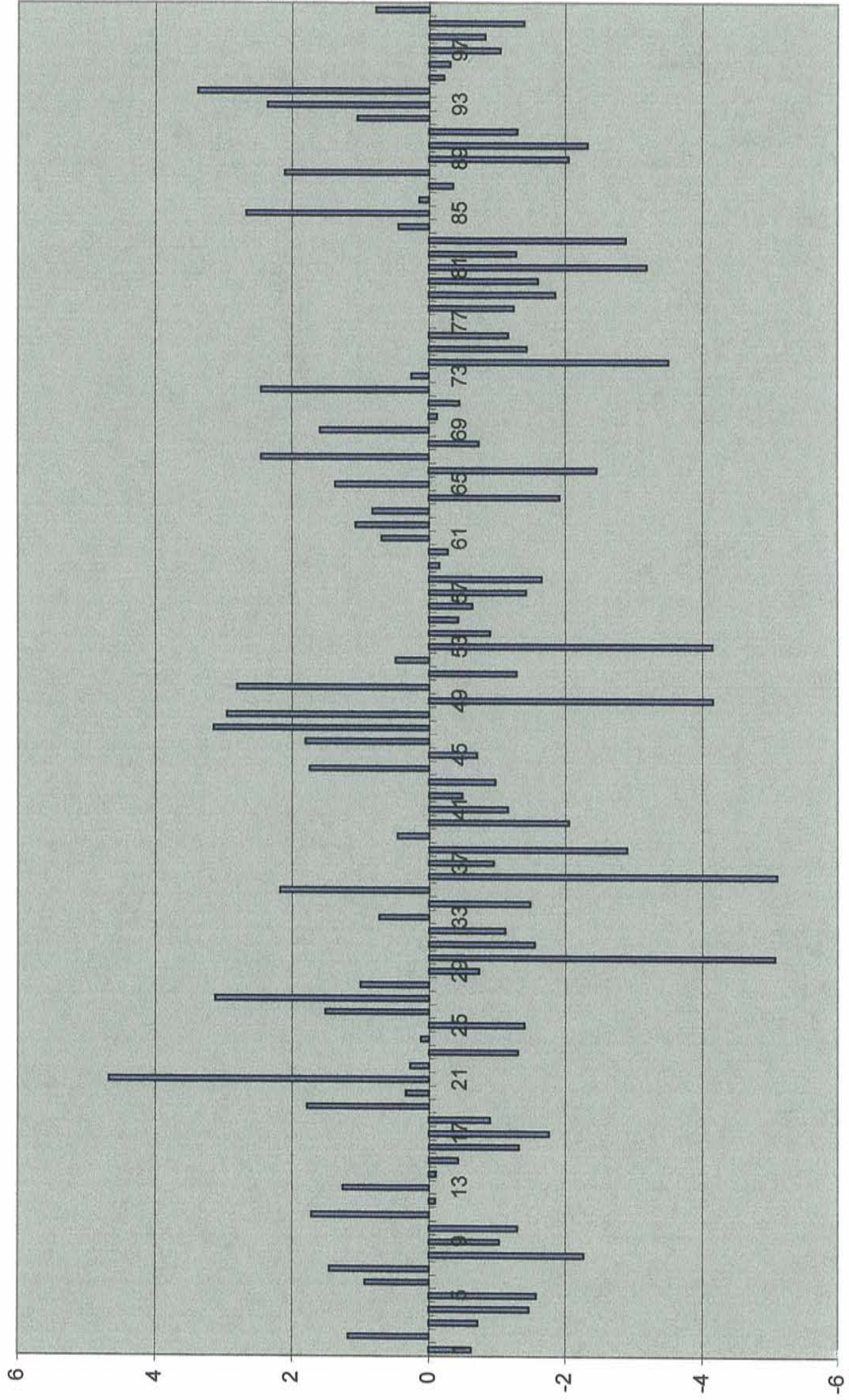
New Mexico Region 2 PDSI 1900-1978



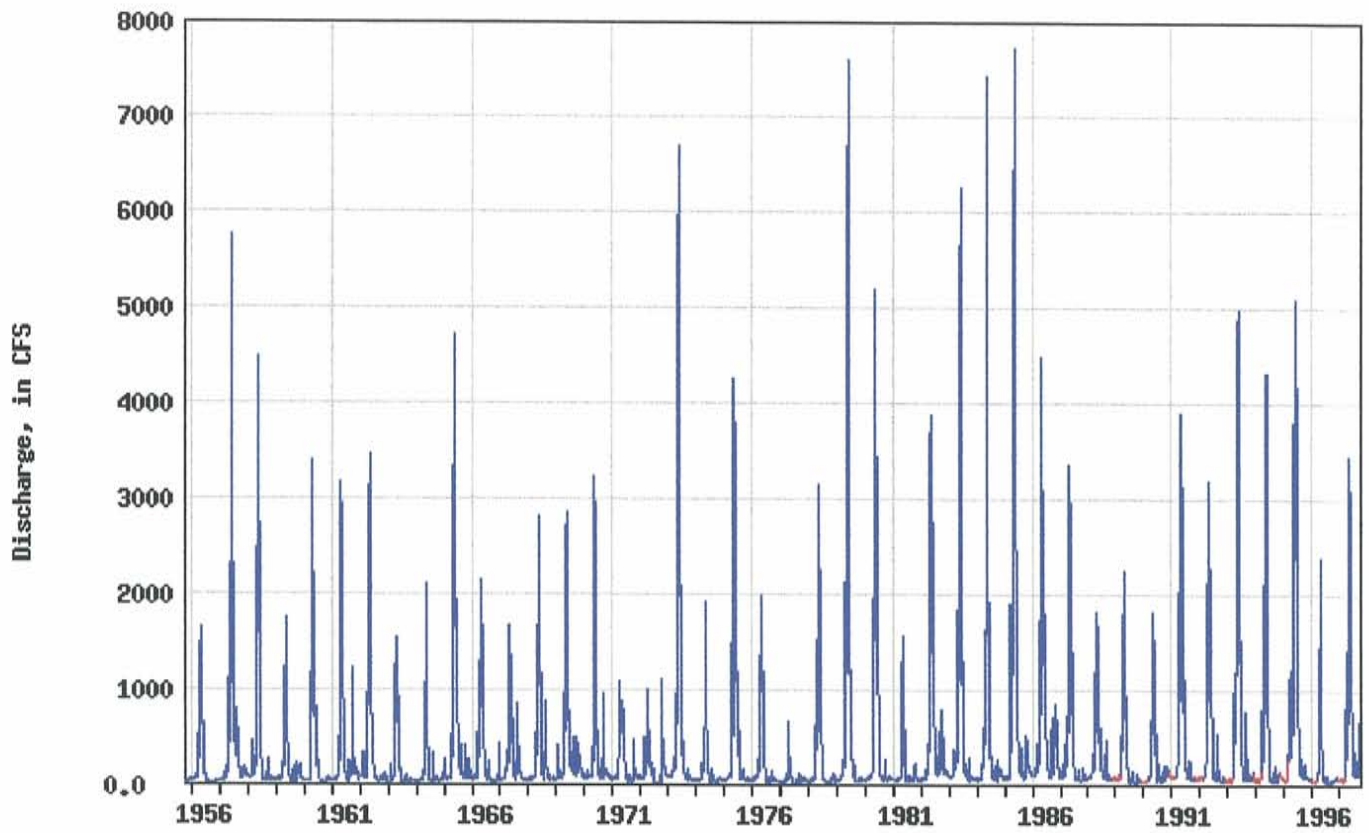
New Mexico Region 2 PDSI 1800-1899



New Mexico PDSI 1700-1799

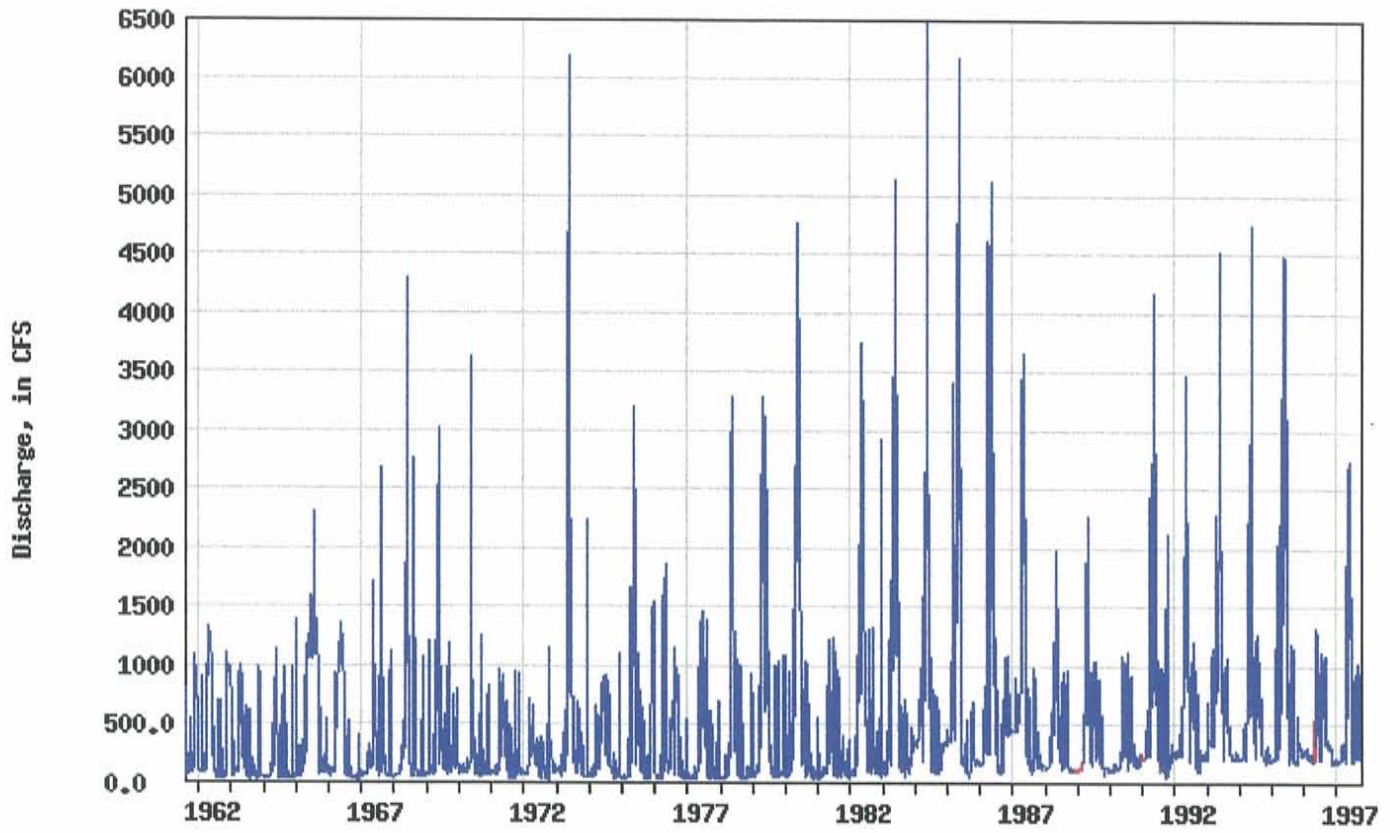


Rio Chana Near La Puente, Nn
Station Number: 08284100



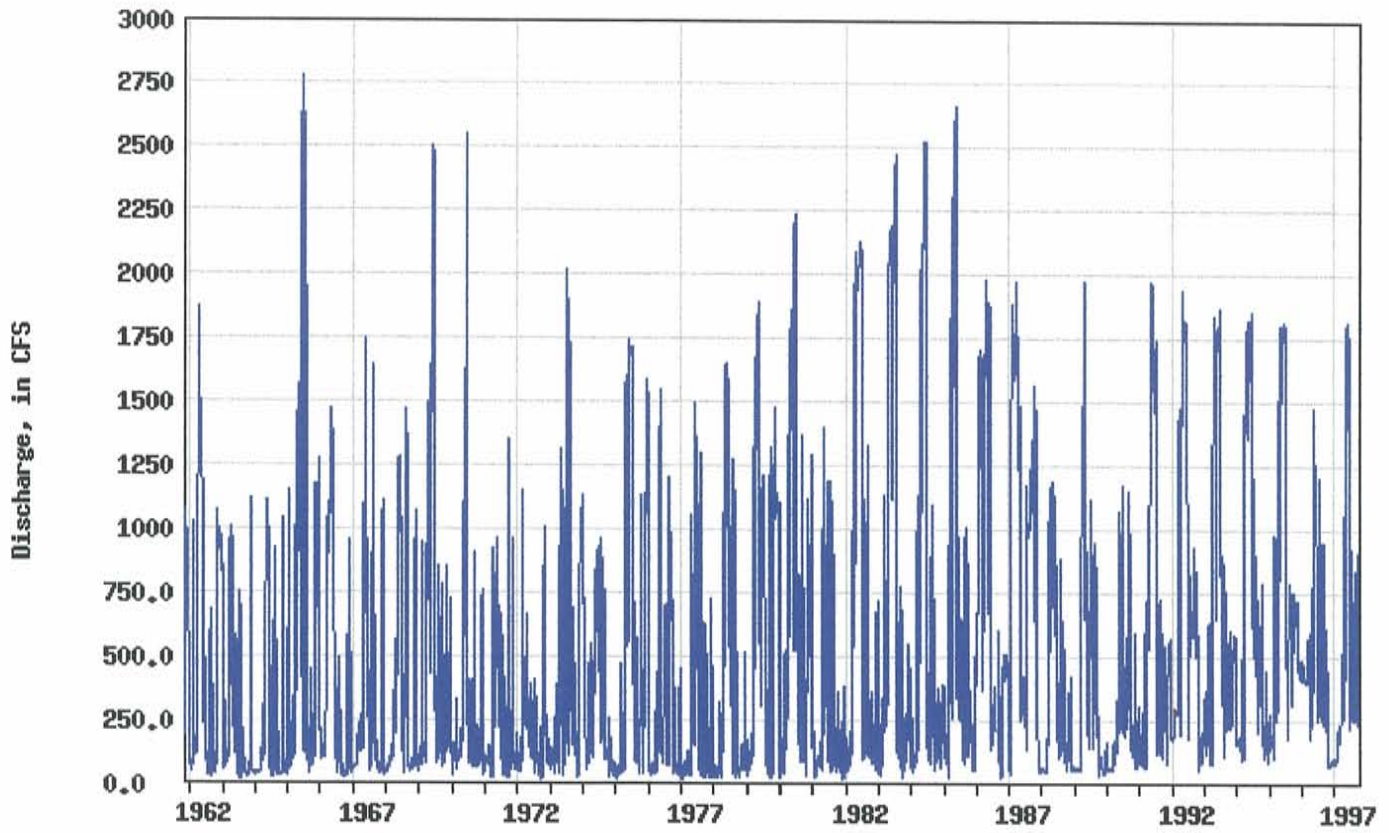
Legend: — Discharge, in CFS
— Estimated Discharge, in CFS

Rio Chana Ab Abiquiu Re, Nm
Station Number: 08286500



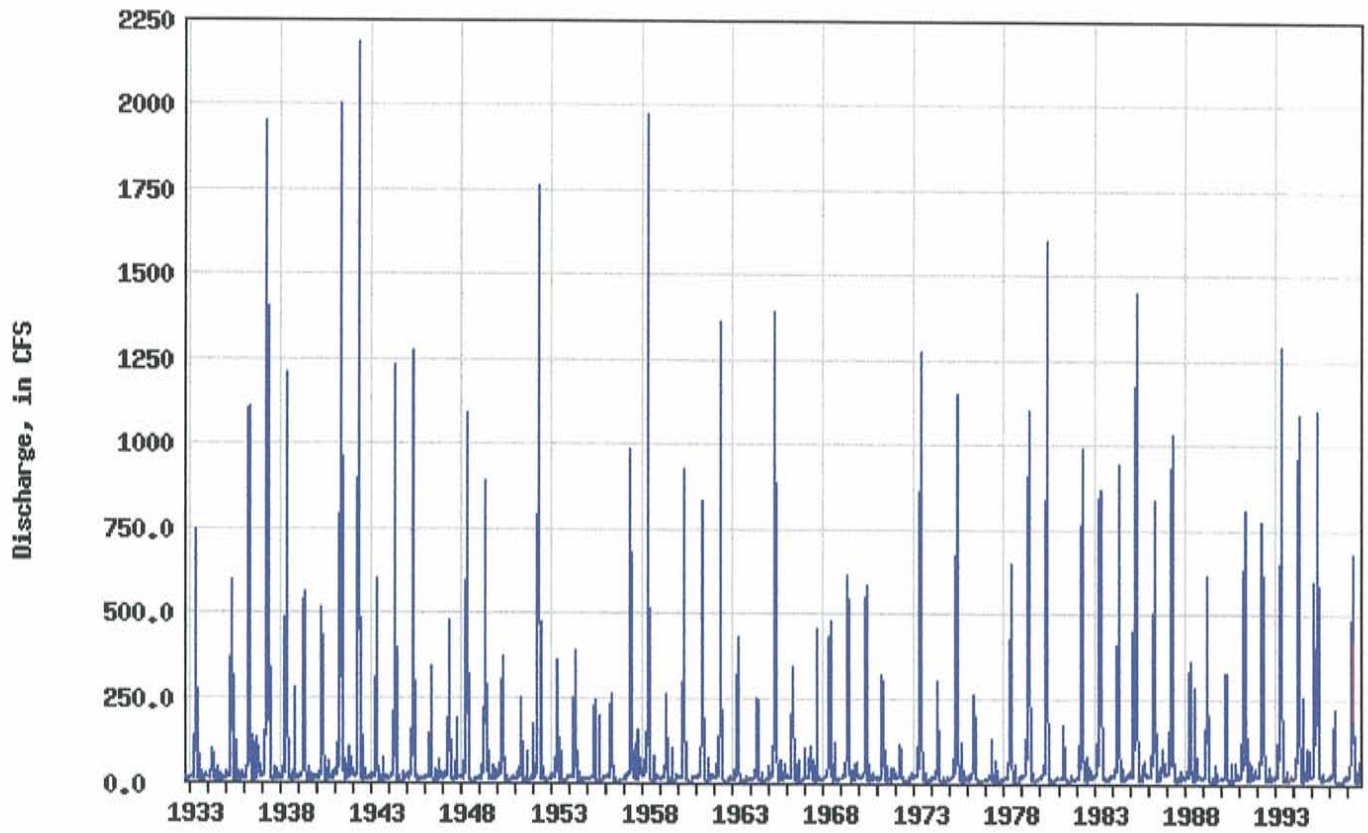
Legend: — Discharge, in CFS
— Estimated Discharge, in CFS

Rio Chana Bl Abiquiu Dam, Nn
Station Number: 08287000



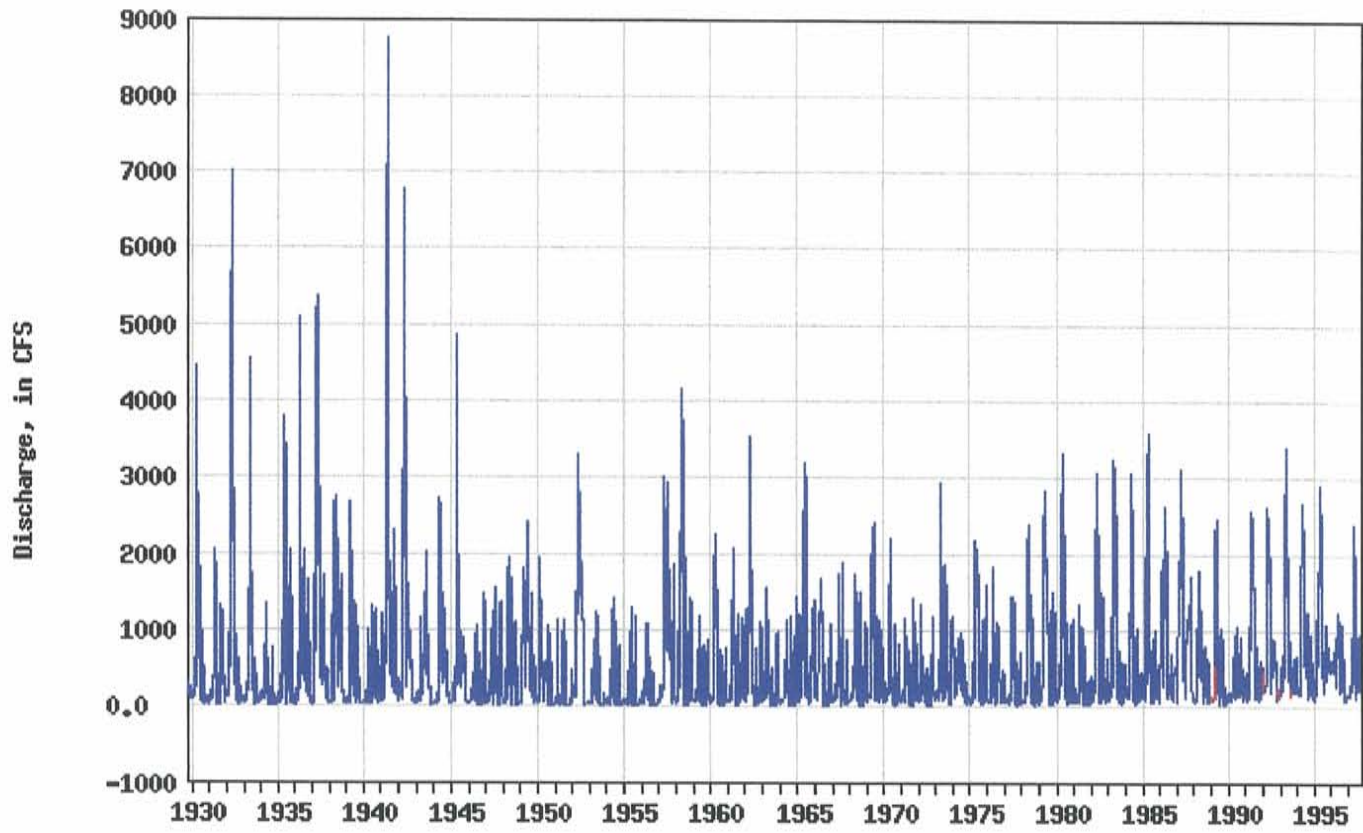
Legend: — Discharge, in CFS
— Estimated Discharge, in CFS

Rio Ojo Caliente At La Madera, Nn
Station Number: 08289000



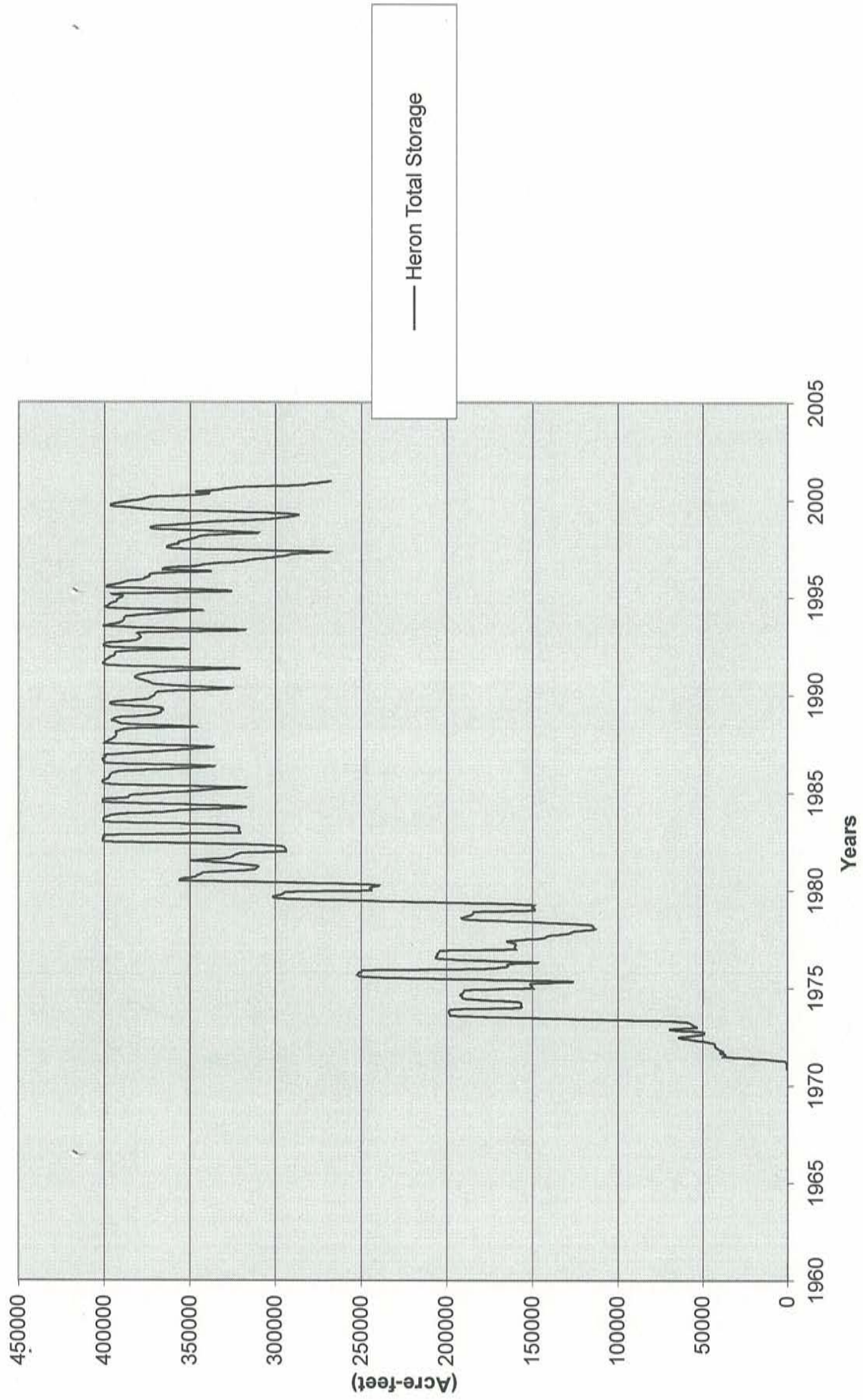
Legend: — Discharge, in CFS
— Estimated Discharge, in CFS

Rio Chana Near Chanita, Nn
Station Number: 08290000

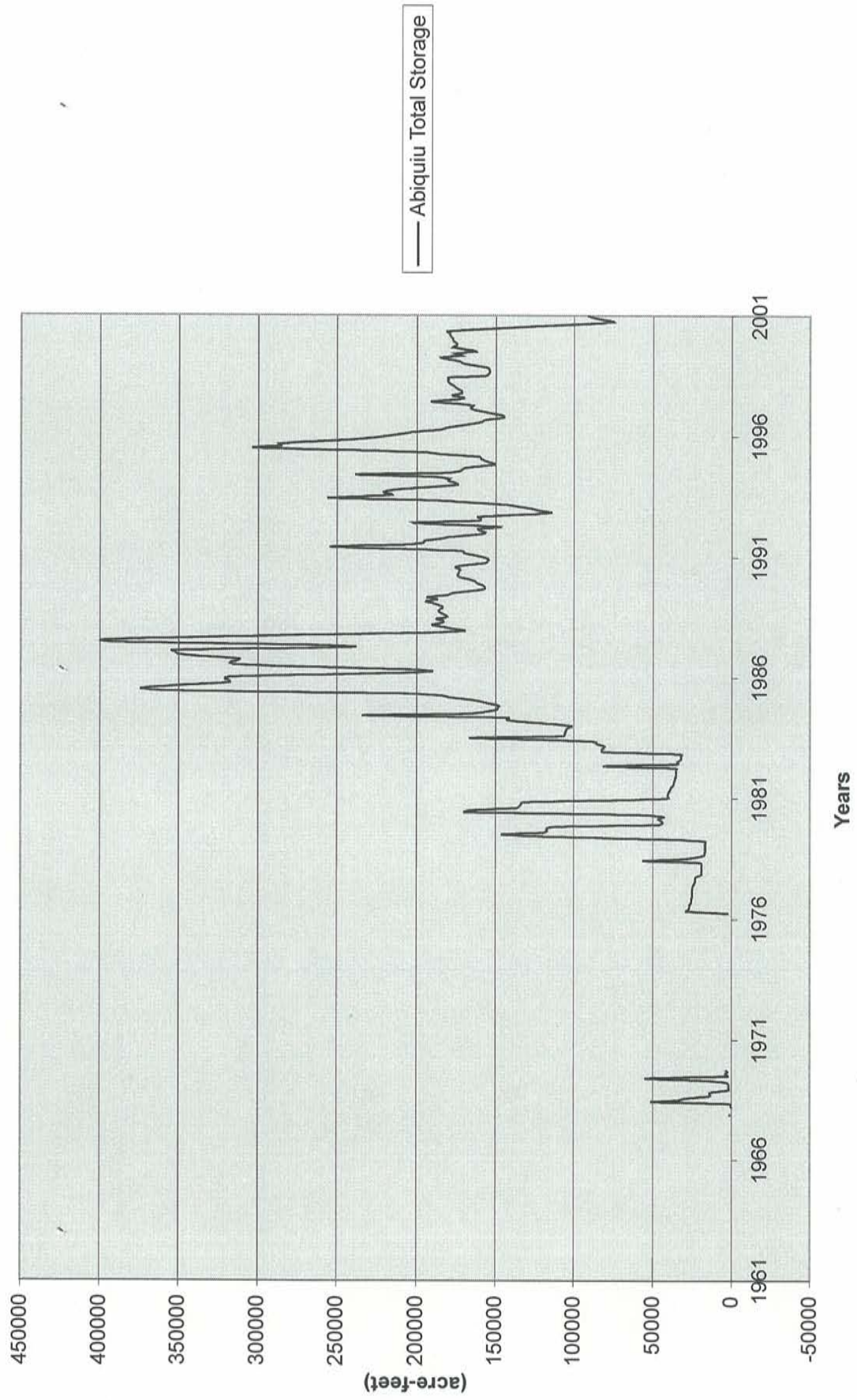


Legend: — Discharge, in CFS
— Estimated Discharge, in CFS

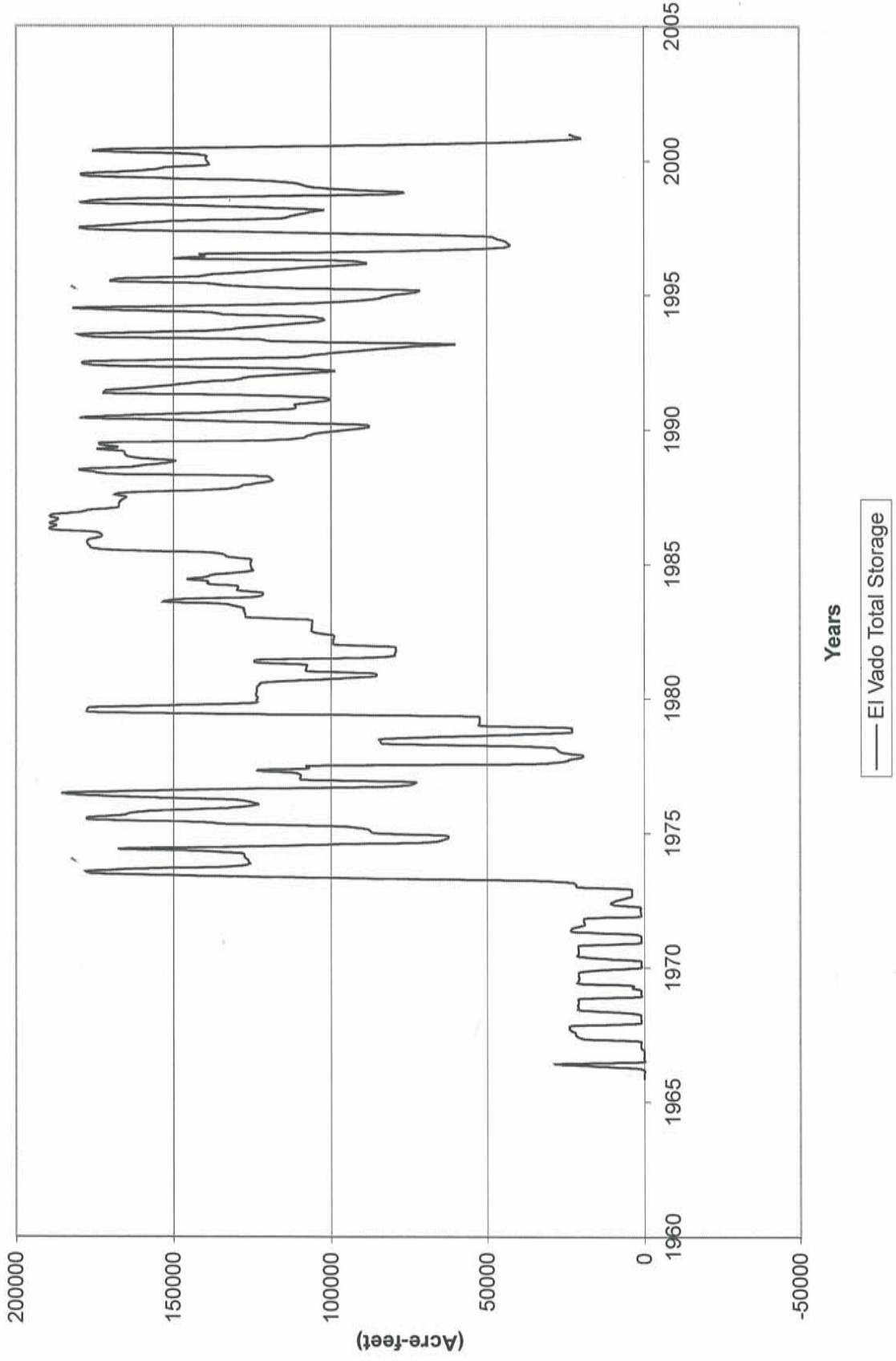
Heron Reservoir Total Storage



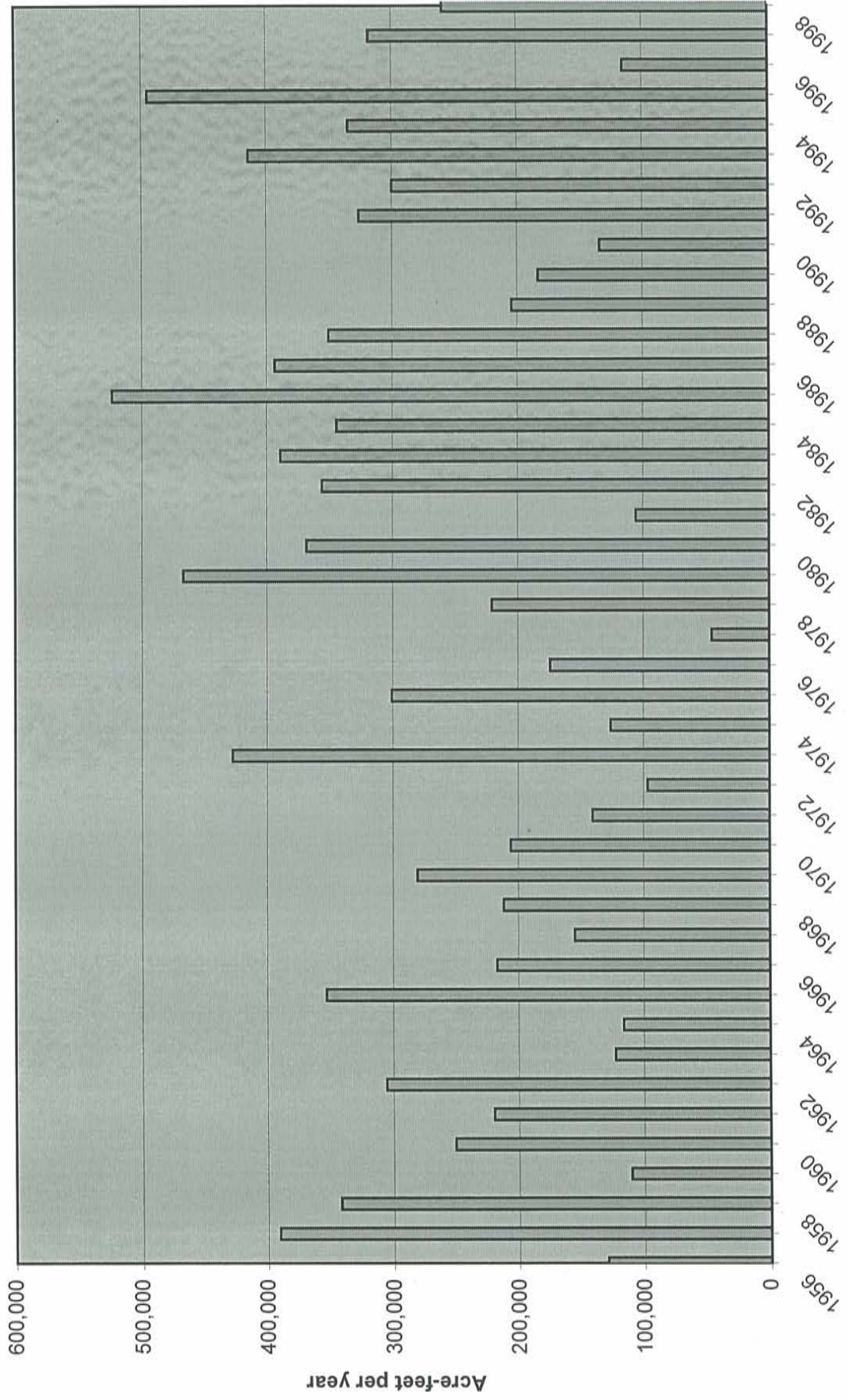
Abiquiu Total Storage



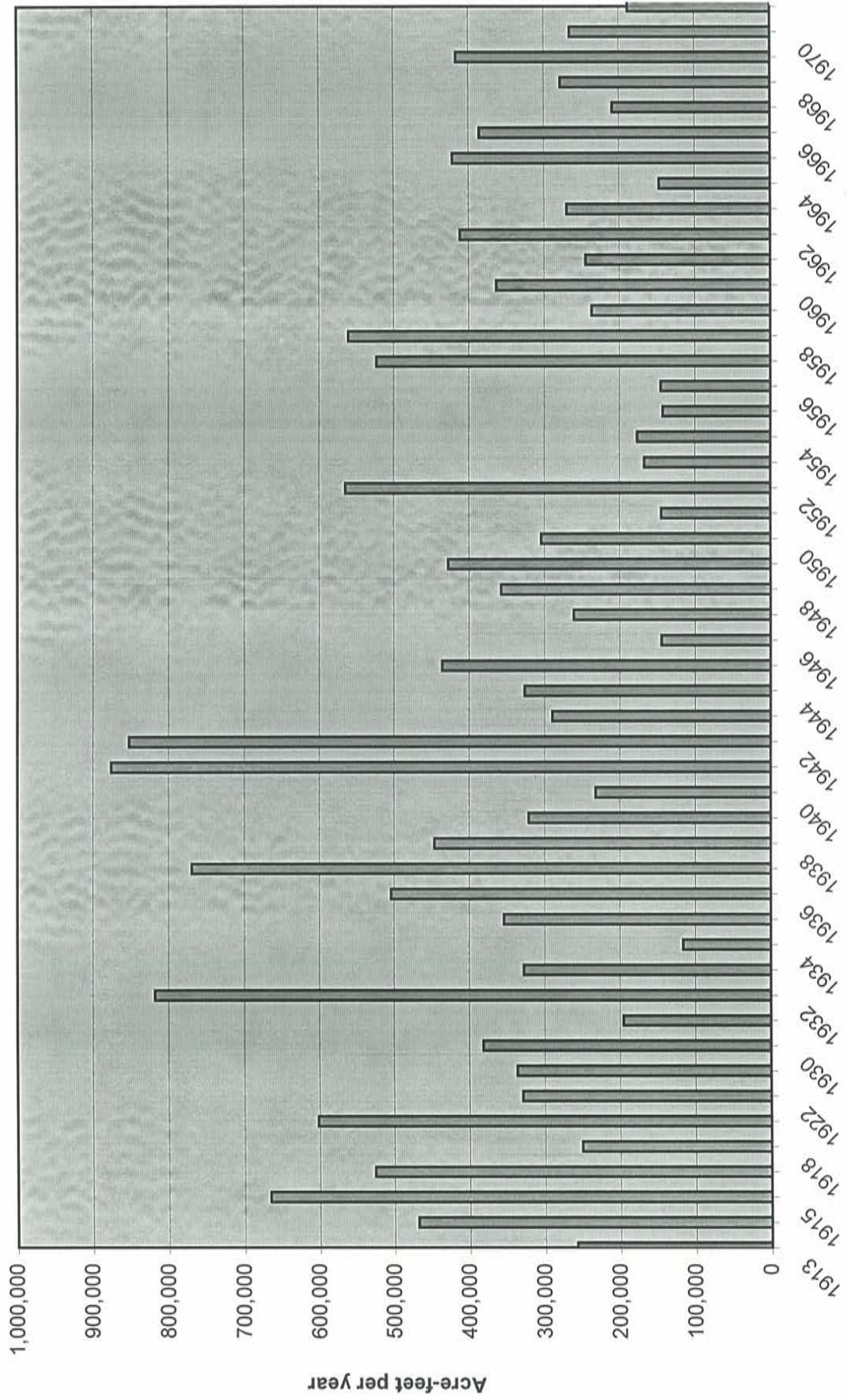
El Vado Reservoir Total Storage



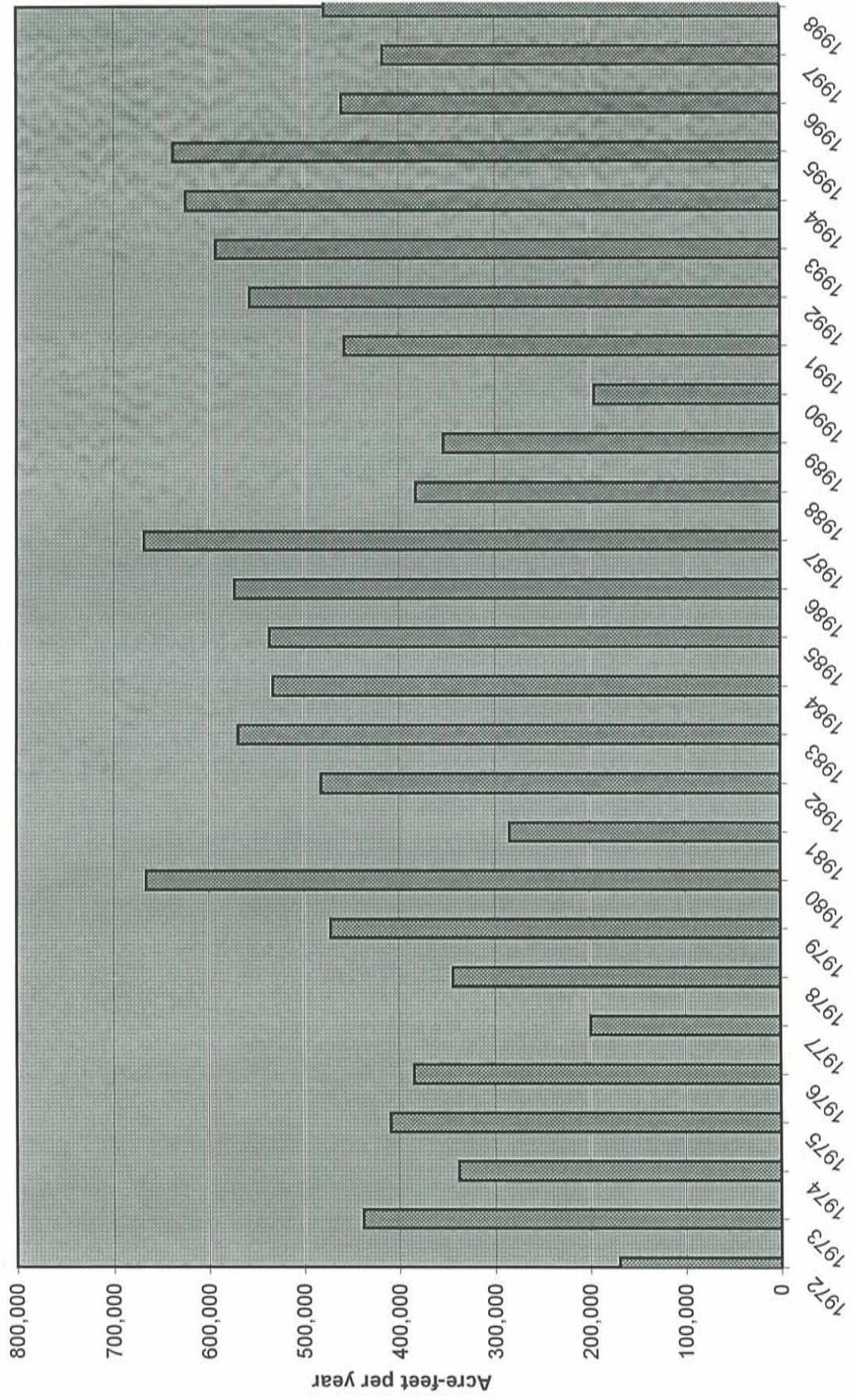
Rio Chama at La Puente - Total Annual Discharge



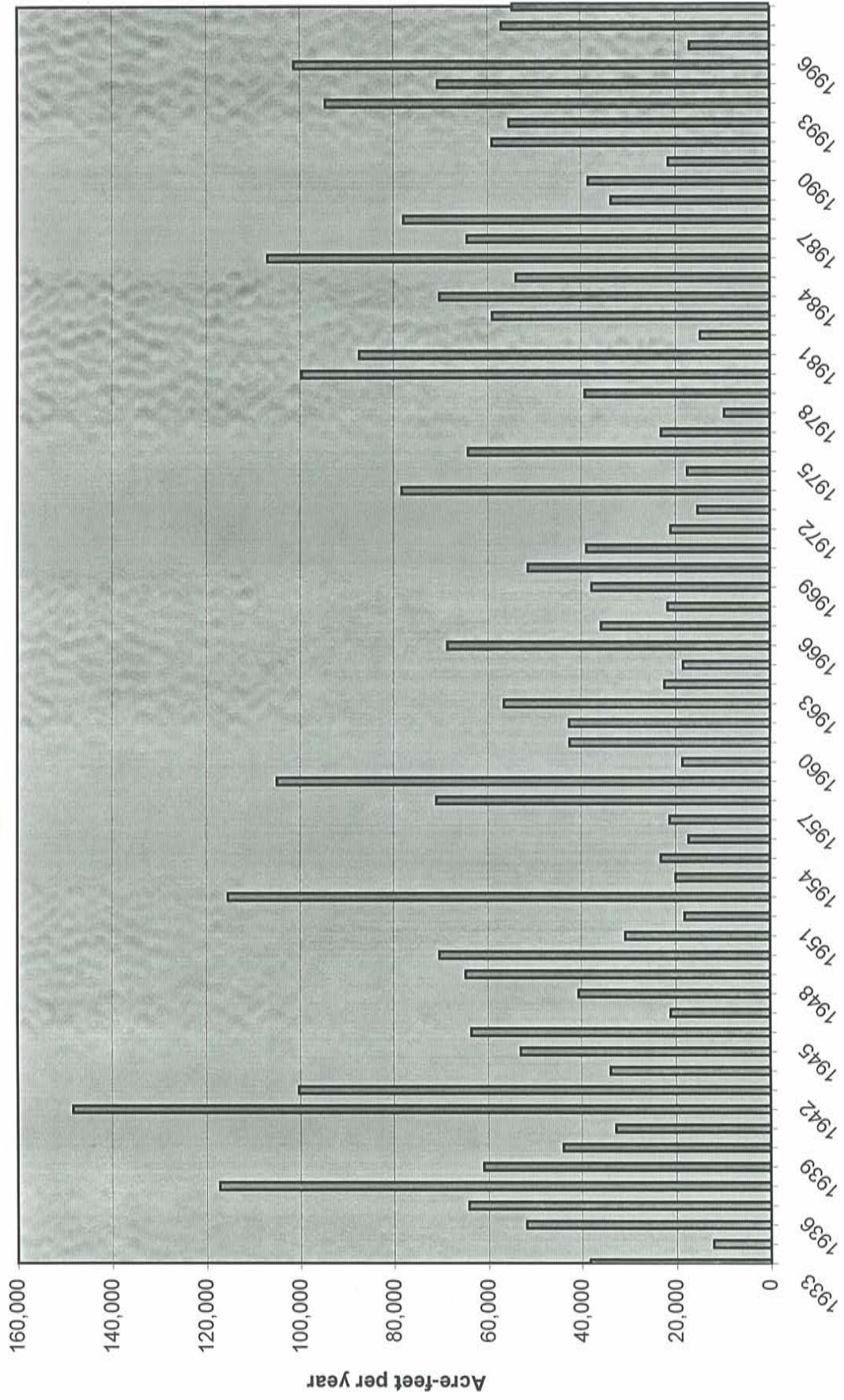
Rio Chama at Chamita - Total Annual Discharge Pre-San Juan-Chama Project



Rio Chama at Chamita - Total Annual Discharge (post-San Juan - Chama Project)



Rio Ojo Caliente- Total Annual Discharge 1933-1998



**Water Fair, Door-to-Door and In-Office Testing Results
NMED-Espanola Field Office**

Name	Community	Nitrates mg/l	Conductivity	Well depth
David Archuleta	Chamita	22		
Joe Archuleta	Chamita	34		
Juan Archuleta	Chamita	19		
Grandma Archuleta	Chamita	32		
Floyd Herrera	Chamita	25		
Cresencio Herrera	Chamita	12.4	1260	68
Benny Lopez	Chamita	15		
Anthony Padilla	Chamita	14	750	100
Gilbert Salazar	Chamita	32		
Linda Salazar	Chamita	30		
Raymundo Salazar	Chamita	25		
Sarah Gutierrez	Chamita	33	1080	
Stella Lomax	Chamita	11.5	1130	
Henry Maestas	Chamita	9.5	950	
Joe Maestas	Chamita	16	980	60
Alvaro Martinez	Chamita	15		47
D. Martinez	Chamita	12.5	1100	
M. Nunez	Chamita	8.2	1120	
Berna Casias	Chamita	26	900	120
Morris Santistevan	Chamita	24.8	940	
Bill Nugent	Chamita	13	2100	
Rosa Garcia	Chamita	32		
Denise Herrera	Chamita	38	2300	
Fred Archuleta	Chamita	64	1200	65
Joe Archuleta	Chamita	33	1300	120
Juan Archuleta	Chamita	25	850	165
Tomas Archuleta	Chamita	11	950	74
Jake Baca	Chamita	13.5	900	60
Leo Baca	Chamita	22	890	85
Jake Baca	Chamita	7.3	910	45
Josefa Baros	Chamita	6.5	750	66
Joe Casias	Chamita	7.5	720	80
Ray Casias	Chamita	25	1180	100
Ross Chacon	Chamita	9	820	
Keith Dalrymple	Chamita	21	820	100
David Salazar	Chamita	25	880	
Linda Duran	Chamita	28	890	125
Mel Duran	Chamita	5.2	620	115
Paul Folmer	Chamita	26	1150	
Joyce Begay-Foss	Chamita	12	700	120
Ray Gallegos	Chamita	22	2020	
Eloy Garcia	Chamita	27	1080	
Guadalupe Garcia	Chamita	14.5	600	125
Jim Griego	Chamita	22	750	60
Name	Community	Nitrates mg/l	Conductivity	Well depth
Juan Griego	Chamita	15	620	
Cresencio Herrera	Chamita	30	1380	70
Mitch Herrera	Chamita	20	1780	68
Josefa Baros	Chamita	6.5	750	

Juan Archuleta	Chamita	25	850	
Joe Lopez, Jr.	Chamita	22	1000	92
Tony Lopez	Chamita	15	1090	
Ruth Lucero	Chamita	27	2910	80
Joe Marquez	Chamita	19	800	
Aniceto Martinez	Chamita	6	1180	105
Carmela Martinez	Chamita	13	900	100
Charles Martinez	Chamita	12	900	82
Paul Martinez	Chamita	27	1300	69
Georgia Mascarena	Chamita	28	900	85
Leticia Mascarenas	Chamita	25	900	105
Ramoncita Montoya	Chamita	19	1210	
David Ortiz	Chamita	9	900	60
Adelaido Pacheco	Chamita	27	1790	45
Larry Pacheco	Chamita	10	900	50
Pete Trujillo	Chamita	15	1090	
David Salazar	Chamita	25	880	60
Donald Salazar	Chamita	48	1280	90
Felipe Salazar	Chamita	9	1180	62
Mary Salazar	Chamita	20	1200	50
Richard Salazar	Chamita	60	1100	
Richard Salazar	Chamita	14.5	1235	96
Alice Sanchez	Chamita	11.8	1010	
Arnold Sanchez	Chamita	22	1020	85
Eloy Sanchez	Chamita	20	880	130
James Sanchez	Chamita	5.2	720	110
Orlando Sanchez	Chamita	16	800	
Willie Segura	Chamita	26	800	80
Alex Sisneros	Chamita	24	1120	
Alex Sisneros, Jr.	Chamita	6	270	70
Eloy Trujillo	Chamita	11.6	880	80
Eloy Trujillo	Chamita	20	880	90
Fidel Trujillo	Chamita	23	1350	77
Pete Trujillo	Chamita	25	990	68
Pete Trujillo	Chamita	15	1090	68
Fidel Valdez	Chamita	23	1350	77
Ralph Valdez	Chamita	32	1500	
Filimon Vigil	Chamita	28	1210	
Casildo Duran	Chili	26	1880	18
Joey Moya	Chili	5.5		55
Jerome Sanchez	Chili	3.5		72
Luis Moya	Chili	2.5		55
Jodie Valdez	Chili	1.5		
Name	Community	Nitrates mg/l	Conductivity	Well depth
Priscilla Valdez	Chili	1.8		58
Joe Chavez	Chili	1.8		
Leroy Martinez	Chili	6.2		110
Max Duran	Chili	5.1		50
Ruben Jaramillo	El Guache	6.5		
Joe Morfin	El Guache	18.7		
Julia Ortiz	El Guache	19.2		
Joe Romero	El Guache	21		
Salomon Salazar	El Guache	9.5	1050	70
Pedro Archuleta	Espanola	19	2500	65

Bette Grotegut	Espanola	5.8	480	
Garfield Gutierrez	Espanola	5.1	470	45
Wayne Hamlin	Espanola	6	510	120
Eufemia Lehman	Espanola	7.5	400	150
Teofilo Martinez	Espanola	12.8	750	60
Robert Montoya	Espanola	12	1700	40
Eugene Trujillo	Espanola	12	650	85
Andy Villareal	Espanola	30	340	
Ben Gallegos	Hernandez	9.5	1010	10
Cornelia Garcia	Hernandez	5.7	700	40
Margarito Garcia	Hernandez	5.2	400	35
Mariano Maestas	Hernandez	19.6	1120	50
Mike Martinez	Hernandez	11	700	
Orlando Ortega	Hernandez	6	820	50
Charles Quintana	Hernandez	9.2	610	50
Sixto Martinez	Hernandez	800		
Albert Manzanares	Medanales	6.5	580	75
Sixto Martinez	Medanales	18.3	1040	12
Aurora Sisneros	Medanales	5.7	300	170
Ray Valencia	Medanales	9.5	600	45
Bobby Archuleta	Medanales	9		250
Jim Baker	Medanales	2.7		
Cleo Wueschinski	Medanales	8		150
Fred Vigil	Medanales	8		60
Ernie Trujillo	Medanales	2		
Armando Trujillo	Medanales	4		100
Benjamin Salazar	Medanales	2.8		65
Larra Salomon	Medanales	3.8		
Ruby Montoya	Medanales	4.5		
Cindy Montoya	Medanales	5		
Orlando Mariol	Medanales	5		
Duranes Martinez	Medanales	1		
Sixto Martinez	Medanales	6.3		
Artencia Madrid	Medanales	5		
Daniel Gonzales	Medanales	3		250
Janice Gomez	Medanales	3.8		
Name	Community	Nitrates mg/l	Conductivity	Well depth
Pete Garcia	Medanales	3		
Pat Garcia	Medanales	3		
Abelino Garcia	Medanales	4		
Linda Cocharlo	Medanales	2.8		
Cordelia Coronado	Medanales	5		50

Medanales Water Fair Results

Wednesday, July 12, 2000

Name	Community	Iron (mg/l)	Sulfates (mg/l)	Nitrates (mg/l)	Conductivity
Tony Guillen Hse 5	Alcalde	0.02	40	5.6	170
Tony Guillen Hse 3	Alcalde	0.02	36	3	149
Tony Guillen Hse 24	Alcalde				
Tony Guillen Hse 366	Alcalde	0.02	58	5.9	306
Tony Guillen Hse 31	Alcalde	0.01	66	5.7	352
Tony Guillen Hse 53	Alcalde	0	60	7	328
Tony Guillen Hse 17	Alcalde	0.01	56	2.3	286
Tony Guillen Hse 20	Alcalde	0.01	72	4.6	331
Tony Guillen Hse 5	Alcalde	0	67	4.1	358
Tony Guillen Hse 1021	Alcalde	0.02	72	4.4	331
Milo Garcia	Alcalde	0.01	48	3.2	314
Tony Guillen Hse 4	Alcalde	0.03	68	3.9	312
Vicente Valdez	Alcalde	0	64	21.8	312
Linda Herrera	Alcalde	0.01	65	16.2	249
Tony Guillen Hse 307	Alcalde	0	64	12.5	336
Tony Guillen Hse 4	Alcalde	0.03	70	15.6	265
Tony Guillen Hse 1	Alcalde	0.01	116	18.3	335
Tony Guillen Hse 2	Alcalde	0.1	76	16.6	280
Doloritas Martinez	Chamita	0.03	33	35	929
Jose Herrera	Chamita	0	640	18.9	783
Raymond Gallegos	Chamita	0.01	385	27.3	1100
Leroy Salazar	Chamita	0.02	184	19.2	662
Robert Mascarenas	Chamita	0.01	66	1.7	266
Cipriano Martinez	Chili	0.14	26	1.8	232
James Whitsell	Chili	0.09	12	3.3	182
James Whitsell	Chili	0.55	96	1.9	339
Billy Romero	Cordova	0.05	21	0.4	
Debra Ott	Hernandez	0.02	92	3.1	388
O+brien	Hernandez	0.01	108	5.2	609
Janice Quinn	Hernandez	0.02	63	2.7	214
Tony Guillen Hse 26	La Villita	0.01	63	7.9	234
Tony Guillen Hse 2	La Villita	0.05	18	1.6	139
Tony Guillen Hse 1037	Los Luceros	0.06	60	1.5	343
Tony Guillen Hse 73	Los Pachecos	0	63	7.5	325
Country Crossroads	Medanales	0.01	19	5.7	165
Kathy Yunsta	Medanales	0.01	25	4	175
Dennis Chacon	Medanales	0.01	27	3.4	163
Don Martinez	Medanales	0.04	62	3.7	241
Medanales Com. Cent	Medanales	0.01	36	5.4	165
Andres Gomez	Medanales	0.02	72	2.2	369
Susan Weber	Medanales	0.02	67	0.07	334
Teresa Maestas	Medanales	0.01	74	4	278
Fred Vigil	Medanales	0.04	67	5.3	237
Name	Community	Iron (mg/l)	Sulfates (mg/l)	Nitrates (mg/l)	Conductivity
Renata Zimmerman	Medanales	0	33	5.2	140
Julian Trujillo	Medanales	0.01	43	7.1	198
Genie Willaims	Medanales	0.02	30	7.5	175
Lee Wiggins	Medanales	0.03	49	4.4	189

Carol McFarran	Medanales	0.01	77	1.6	253
Ernest Trujillo	Medanales	0.01	21	3.4	164
Armando Trujillo	Medanales	0.02	50	2.9	200
Silviano Trujillo	Medanales	0	41	6.9	209
Carlos Coronado	Medanales	0.06	62	5.5	214
Linda Barton	Ojo Caliente	0.01	49	5.3	247
Arsenio Martinez	Rio Chama	0.25	48	9.1	251
Joe Gallegos	Rio Chama	0.02	74	5.9	257
Sadie Martins	Rio Chama	0.05	75	4.6	321
Ray Gallegos	Rio Chama	0.01	75	2.3	233
Dean Lewis	Rio Chama	0.01	72	5.8	356
Dean Lewis	Rio Chama	0.02	75	5.7	325
Arsenio Martinez	Rio Chama	0	76	7.8	259
Ventura Manzanares	Tierra Azul	0.06	132	3.4	352
Alfred Arias	Tierra Azul	0.01	39	2.6	205