

Appendices

Appendix A Groundwater Calculations

Basin Name: Upper San Juan above Navajo Dam
Total Volume for Basin: 5,745 acre-ft Mine
Total Area for Basin: 191,500 acres

Tsj Area #: 1
Aquifer: San Jose Formation
Storativity: 0.00010
Hydraulic Head Loss: 300 ft
Area: 191,500 acres

Transmissivity: 60 ft²/d
Hydraulic Conductivity: 0.200 ft/d
Thickness: 300 ft
Volume: 5,745 acre-ft

Basin Name: Blanco Canyon
Total Volume for Basin: 14,800 acre-ft Mine
Total Area for Basin: 1,019,600 acres

Tsj Area #: 1
Aquifer: San Jose Formation
Storativity: 0.00010
Hydraulic Head Loss: 300 ft
Area: 10,000 acres

Transmissivity: 60 ft²/d
Hydraulic Conductivity: 0.200 ft/d
Thickness: 300 ft
Volume: 300 acre-ft

Tsj Area #: 2
Aquifer: San Jose Formation
Storativity: 0.00010
Hydraulic Head Loss: 300 ft
Area: 336,800 acres

Transmissivity: 60 ft²/d
Hydraulic Conductivity: 0.200 ft/d
Thickness: 300 ft
Volume: 10,104 acre-ft

Tsj Area #: 3
Aquifer: San Jose Formation
Storativity: 0.00010
Hydraulic Head Loss: 300 ft
Area: 67,400 acres

Transmissivity: 60 ft²/d
Hydraulic Conductivity: 0.200 ft/d
Thickness: 300 ft
Volume: 2,022 acre-ft

Tn Area #: 1
Aquifer: Nacimiento Formation
Storativity: 0.00001
Hydraulic Head Loss: 300 ft
Area: 319,300 acres

Transmissivity: 100 ft²/d

Hydraulic Conductivity: 0.010 ft/d
Thickness: 10,000 ft
Volume: 958 acre-ft

Toa
Area #: 1
Aquifer: Ojo Alamo Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 150 ft
Area: 286,100 acres

Transmissivity: 104 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,040 ft
Volume: 1,416 acre-ft

Basin Name: Chaco
Total Volume for Basin: 36,884 acre-ft Mine
Total Area for Basin: 2,528,900 acres

Tn
Area #: 1
Aquifer: Nacimiento Formation
Storativity: 0.00001
Hydraulic Head Loss: 300 ft
Area: 125,600 acres

Transmissivity: 100 ft²/d
Hydraulic Conductivity: 0.010 ft/d
Thickness: 10,000 ft
Volume: 377 acre-ft

Toa
Area #: 1
Aquifer: Ojo Alamo Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 150 ft
Area: 190,400 acres

Transmissivity: 104 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,040 ft
Volume: 942 acre-ft

Kmf
Area #: 1
Aquifer: Menefee Formation
Storativity: 0.000002
Hydraulic Head Loss: 450 ft
Area: 258,800 acres

Transmissivity: 10 ft²/d
Hydraulic Conductivity: 0.017 ft/d
Thickness: 588 ft
Volume: 233 acre-ft

Kpl
Area #: 1
Aquifer: Point Lookout Sandstone
Storativity: 0.00004
Hydraulic Head Loss: 300 ft
Area: 341,200 acres

Transmissivity: 70 ft²/d

Hydraulic Conductivity: 0.006 ft/d
Thickness: 12,069 ft
Volume: 4,197 acre-ft

Area #: 1
Kg Aquifer: Gallup Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 275 ft
Area: 875,500 acres
Transmissivity: 123 ft²/d
Hydraulic Conductivity: 1.000 ft/d
Thickness: 123 ft
Volume: 7,945 acre-ft

Area #: 1
Kd Aquifer: Dakota Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 200 ft
Area: 76,400 acres
Transmissivity: 50 ft²/d
Hydraulic Conductivity: 0.030 ft/d
Thickness: 1,667 ft
Volume: 504 acre-ft

Area #: 2
Kd Aquifer: Dakota Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 200 ft
Area: 238,800 acres
Transmissivity: 50 ft²/d
Hydraulic Conductivity: 0.030 ft/d
Thickness: 1,667 ft
Volume: 1,576 acre-ft

Area #: 1
Jm Aquifer: Morrison Formation
Storativity: 0.00020
Hydraulic Head Loss: 250 ft
Area: 57,200 acres

Transmissivity: 115 ft²/d
Hydraulic Conductivity: 0.250 ft/d
Thickness: 460 ft

Volume: 2,860 acre-ft

Jm
Area #: 2
Aquifer: Morrison Formation
Storativity: 0.00020
Hydraulic Head Loss: 250 ft
Area: 365,000 acres

Transmissivity: 115 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,150 ft

Volume: 18,250 acre-ft

Basin Name: Upper San Juan
Total Volume for Basin: 1,753 acre-ft Mine
Total Area for Basin: 405,600 acres

Tn
Area #: 1
Aquifer: Nacimiento Formation
Storativity: 0.00001
Hydraulic Head Loss: 300 ft
Area: 130,800 acres

Transmissivity: 100 ft²/d
Hydraulic Conductivity: 0.010 ft/d
Thickness: 10,000 ft
Volume: 392 acre-ft

Toa
Area #: 1
Aquifer: Ojo Alamo Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 150 ft
Area: 274,800 acres

Transmissivity: 104 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,040 ft
Volume: 1,360 acre-ft

Basin Name: Middle San Juan
Total Volume for Basin: 9,276 acre-ft Mine
Total Area for Basin: 300,400 acres

Kg
Area #: 1
Aquifer: Gallup Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 275 ft
Area: 58,600 acres

Transmissivity: 123 ft²/d
Hydraulic Conductivity: 1.000 ft/d
Thickness: 123 ft

Volume: 532 acre-ft

Kd
Area #: 1
Aquifer: Dakota Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 200 ft
Area: 77,100 acres

Transmissivity: 50 ft²/d
Hydraulic Conductivity: 0.030 ft/d
Thickness: 1,667 ft

Volume: 509 acre-ft

Jm
Area #: 1
Aquifer: Morrison Formation
Storativity: 0.00020
Hydraulic Head Loss: 250 ft
Area: 164,700 acres

Transmissivity: 115 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,150 ft

Volume: 8,235 acre-ft

Basin Name: Outside Study Area
Total Volume for Basin: 45,615 acre-ft Mine
Total Area for Basin: 1,913,000 acres

Tn
Area #: 1
Aquifer: Nacimiento Formation
Storativity: 0.000001
Hydraulic Head Loss: 300 ft
Area: 57,400 acres

Transmissivity: 100 ft²/d
Hydraulic Conductivity: 0.010 ft/d
Thickness: 10,000 ft
Volume: 17 acre-ft

Toa
Area #: 1
Aquifer: Ojo Alamo Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 150 ft
Area: 72,000 acres

Transmissivity: 104 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,040 ft
Volume: 356 acre-ft

Kpl
Area #: 1
Aquifer: Point Lookout Sandstone
Storativity: 0.00004
Hydraulic Head Loss: 300 ft
Area: 129,700 acres

Transmissivity: 70 ft²/d
Hydraulic Conductivity: 0.006 ft/d
Thickness: 12,069 ft
Volume: 1,595 acre-ft

Kg
Area #: 1
Aquifer: Gallup Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 275 ft
Area: 942,500 acres

Transmissivity: 123 ft²/d

Hydraulic Conductivity: 1.000 ft/d
Thickness: 123 ft
Volume: 8,553 acre-ft

Kd
Area #: 2
Aquifer: Dakota Sandstone
Storativity: 0.00003
Hydraulic Head Loss: 200 ft
Area: 11,000 acres

Transmissivity: 50 ft²/d
Hydraulic Conductivity: 0.030 ft/d
Thickness: 1,667 ft
Volume: 73 acre-ft

Jm
Area #: 2
Aquifer: Morrison Formation
Storativity: 0.00020
Hydraulic Head Loss: 250 ft
Area: 700,400 acres

Transmissivity: 115 ft²/d
Hydraulic Conductivity: 0.100 ft/d
Thickness: 1,150 ft
Volume: 35,020 acre-ft

Total Volume: 114,073 acre-ft Mine
Total Area: 6,359,000 acres

Totals	Calculated Mineable
San Jose Formation:	18,171 acre-ft
Nacimiento Formation:	1,744 acre-ft
Ojo Alamo Sandstone:	4,075 acre-ft
Point Lookout Sandstone:	5,792 acre-ft
Menefee Formation:	233 acre-ft
Gallup Sandstone:	17,030 acre-ft
Dakota Sandstone:	2,662 acre-ft
Morrison Formation:	64,365 acre-ft
Total:	114,073 acre-ft
Upper San Juan above N.D.:	5,745 acre-ft
Blanco Canyon:	14,800 acre-ft
Upper San Juan:	1,753 acre-ft
Chaco:	36,884 acre-ft
Middle San Juan:	9,276 acre-ft
Outside Areas:	45,615 acre-ft

Appendix B Water Quality Exceedance Data

site_no	p70300
09355500	2160
09356565	1430
09356565	1850
09356565	2130
09356565	2450
09356565	2780
09356565	4030
09356565	4060
09356565	5650
09356565	6670
09356565	6990
09356565	7540
09356565	8180
09356565	8890
09356565	8920
09356565	10200
09357245	7630
09357250	1310
09357250	1330
09357250	1460
09357250	1470
09357250	1950
09357250	2110
09357255	2130
09365000	1240
09365000	1330
09365000	1340
09365000	1380
09366500	1230
09366500	1240
09366500	1260
09366500	1280
09366500	1320
09366500	1370
09366500	1380
09366500	1420
09366500	1440
09366500	1500
09367400	1940
09367500	1300
09367500	1330
09367500	1360
09367500	1430
09367500	1450
09367500	1540
09367500	1570

site_no	p70300
09367500	1590
09367500	1620
09367500	1630
09367500	1650
09367500	1700
09367500	1810
09367500	1830
09367500	1920
09367500	1950
09367500	1960
09367500	2030
09367500	2140
09367500	2170
09367500	2190
09367500	2440
09367500	2650
09367500	2660
09367500	2850
09367500	2860
09367500	2980
09367500	3170
09367500	3220
09367500	3380
09367500	3410
09367500	3650
09367500	3680
09367500	3920
09367500	4270
09367536	1870
09367536	2400
09367561	1540
09367561	2020
09367561	2670
09367561	3070
09367561	3260
09367561	3300
09367561	3360
09367561	3580
09367561	3610
09367561	3810
09367561	3890
09367561	4050
09367561	4720
09367561	5010
09367561	5040
09367561	5530

site_no	p70300
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09367561	5890
09367561	5980
09367561	6050
09367561	6170
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09367561	6440
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09367561	6580
09367561	6750
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09367561	7010
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09367561	7930
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09367561	8090
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09367561	8740
09367561	8810
09367561	8900
09367561	9220
09367561	9500
09367561	9600
09367561	9920
09367561	9980
09367561	10200
09367561	10500
09367561	10600
09367561	11000
09367561	12000
09367561	12800
09367561	13300
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09367687	1350

site_no	p70300
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09367687	3020
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09367689	1420
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09367689	2210
09367689	2690
09367930	1210
09367950	1220
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09367950	1340
09367950	1370
09367950	1550
09367950	1580
09367950	1660
09367950	1670
09367950	1720
09367950	1760
09367950	1830
09367950	1980
09367950	2280
09367950	2680
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09367950	3690
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09368000	1260
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09368000	1420
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09368000	1860
09368000	1900
09371000	1260
09371000	1360
09371000	1540

site_no	p70300
09371000	1570
09371000	1760
09371000	2190
09371002	2030
09371002	7610
09371400	1540
09371400	2010
09371400	2500
09371500	1320
09371500	1370
09371500	2280
09371500	3450
09372000	1710
09372000	1730
09372000	1770
09372000	1810
09372000	1840
09372000	1880
09372000	1940
09372000	1960
09372000	1970
09372000	2060
09372000	2080
09372000	2100
09372000	2110
09372000	2130
09372000	2180
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09372000	2340
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09372000	2410
09372000	2440
09372000	2460
09372000	2590
09372000	2670
09372000	2700
09372000	2760
09372000	2780
09372000	2820
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09372000	3170
09372000	3200
09372000	3220
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09372000	3260

site_no	p70300
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09372000	3290
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09372000	3490
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09372000	3510
09372000	3580
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09372000	3770
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355532107285	2500
364744108225	9410
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364750108214	7290
364750108214	9940
364845108214	4790

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09365000	1969.06.04	700
09365000	1969.07.10	4000
09365000	1970.01.14	99000
09365000	1970.01.14	700
09365000	1970.02.10	6300
09365000	1970.04.15	660
09365000	1970.04.15	9500
09365000	1970.05.13	40000
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09365000	1970.07.15	420
09365000	1970.07.15	620
09365000	1970.10.13	6600
09365000	1970.12.15	5000
09365000	1971.01.22	4000
09365000	1971.02.17	50000
09365000	1971.03.09	4700
09365000	1971.04.21	700
09365000	1971.05.18	7200
09365000	1971.07.20	4100
09365000	1971.10.21	4200
09365000	1972.01.01	7000
09365000	1972.01.25	7000
09365000	1972.01.25	80
09365000	1972.02.16	5000
09365000	1972.03.21	500
09365000	1972.04.18	E 3700
09365000	1972.09.26	68000
09365000	1972.09.26	530
09365000	1972.11.30	83
09365000	1973.03.06	680
09365000	1973.05.01	7300
09365000	1973.05.01	580
09365000	1973.05.31	5400
09365000	1973.07.31	7600
09365000	1973.11.27	5800
09365000	1974.01.08	7300
09365000	1974.01.08	72
09365000	1974.02.05	6000
09365000	1974.03.05	57
09365000	1974.04.02	66
09365000	1974.05.07	72
09365000	1974.07.18	7400

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09368000	1972.02.16	5000
09368000	1972.03.21	500
09368000	1972.08.01	90
09368000	1972.10.25	6200
09368000	1973.03.06	5100
09368000	1973.05.31	440
09368000	1973.07.31	720
09368000	1974.01.08	710
09368000	1974.02.05	900
09368000	1974.04.03	680
09368000	1974.05.07	840
09368000	1974.09.26	9000
09368000	1975.04.10	63
09368000	1975.06.04	770
09368000	1975.12.11	770
09368000	1976.02.26	780
09368000	1976.03.24	520
09368000	1976.05.19	460
09368000	1976.06.16	48
09368000	1976.07.28	9700
09368000	1976.09.22	430

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09355500	09355500	1974.04.03	9.5
09355500	09355500	1978.05.23	9.1
09355500	09355500	1982.11.04	9.0
09355500	09355500	1985.03.04	9.1
09355500	09355500	1989.09.13	9.0
09355500	09355500	1989.11.29	9.1
09357245	09357245	1994.09.03	9.6
09357245	09357245	1994.09.03	9.3
09357245	09357245	1994.09.03	9.7
09357245	09357245	1994.09.03	9.5
09357250	09357250	1978.10.24	9.0
09357250	09357250	1979.01.18	9.1
09357245	09357245	1993.08.20	9.3
09357245	09357245	1994.05.12	9.1
09357245	09357245	1994.05.12	9.2
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09364500	09364500	1990.12.18	9.5
09367540	09367540	1995.08.08	9.1
09367561	09367561	1974.09.14	10.4
09367561	09367561	1974.09.22	9.6
09367561	09367561	1974.11.21	3.2
09367561	09367561	1974.12.18	2.6
09367561	09367561	1975.01.23	10.4
09367561	09367561	1975.02.22	10.2
09367561	09367561	1975.07.09	9.6
09367561	09367561	1975.07.20	6.1
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09367561	09367561	1975.08.03	5.9
09367561	09367561	1975.08.10	5.6
09367561	09367561	1975.08.17	6.2
09367561	09367561	1975.08.24	6.2
09367561	09367561	1975.08.31	6.0
09367561	09367561	1975.09.07	6.0
09367561	09367561	1975.09.14	6.2
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09367561	09367561	1975.09.21	2.4
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09367561	09367561	1976.04.04	6.4
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09367561	09367561	1976.05.19	9.0
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09367561	09367561	1978.11.14	3.4
09367561	09367561	1978.12.21	4.3
09367561	09367561	1979.01.03	3.1
09367561	09367561	1979.03.15	3.7
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09367561	09367561	1979.05.31	5.6
09367561	09367561	1979.08.20	2.7
09367561	09367561	1979.08.20	2.6
09367561	09367561	1979.09.27	4.3
09367561	09367561	1979.11.29	9.0
09367561	09367561	1979.12.18	3.8
09367561	09367561	1980.01.09	4.5
09367561	09367561	1980.03.05	5.6
09367561	09367561	1980.06.04	6.4
09367561	09367561	1980.09.02	4.1
09367561	09367561	1980.10.29	4.0
09367561	09367561	1980.12.15	3.7
09367561	09367561	1981.01.06	5.3
09367561	09367561	1981.02.09	6.3
09367561	09367561	1981.03.05	5.9
09367561	09367561	1981.06.22	4.1
09367561	09367561	1981.08.04	6.4
09367561	09367561	1982.02.02	6.3
09367561	09367561	1982.08.11	9.4
09367680	09367680	1978.10.22	6.3
09367687	09367687	1981.11.06	9.1
09367687	09367687	1982.06.08	9.5
09367687	09367687	1982.06.22	9.1
09367687	09367687	1982.08.24	9.1
09367687	09367687	1982.11.15	9.2
09367687	09367687	1983.04.07	9.3
09367687	09367687	1983.08.16	9.1
09367689	09367689	1982.06.09	9.3
09367689	09367689	1983.04.07	9.1
09367710	09367710	1976.07.19	6.5
09367930	09367930	1975.07.11	9.8
09367934	09367934	1979.01.16	9.3
09367934	09367934	1980.09.09	9.3
09367936	09367936	1978.05.02	9.3
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09367950	09367950	1984.11.06	11.3

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364750108214	364750108214	1978.02.22	12.0
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364750108214	364750108214	1980.03.05	12.0

Expr1000	site_no	sample_dt	p00403
09357245	09357245	1994.09.03	9.3
09367561	09367561	1980.10.29	2.6
09367561	09367561	1980.12.15	3.7
09367561	09367561	1981.01.06	4.4
09367561	09367561	1981.02.09	6.1
09367561	09367561	1981.03.05	4.5
09367561	09367561	1981.04.10	6.4
09367561	09367561	1981.06.22	3.8
09367561	09367561	1981.07.01	5.8
09367561	09367561	1981.08.04	5.6
09367561	09367561	1981.09.03	5.8
09367561	09367561	1981.11.04	6.4
09367561	09367561	1982.02.02	3.5
09367561	09367561	1982.05.14	6.3
09367561	09367561	1983.01.10	4.2
09367687	09367687	1982.06.08	9.5
09367687	09367687	1982.06.22	9.7
09367687	09367687	1982.08.24	9.2
09367687	09367687	1982.11.15	9.0
09367687	09367687	1983.04.07	9.1
09367689	09367689	1982.06.09	9.1
09367689	09367689	1982.06.21	9.0
09367689	09367689	1983.04.07	9.0

site_no	sample_dt	p00010
09355500	1955.05.09	9.4
09355500	1956.02.29	5.6
09355500	1956.03.19	8.9
09355500	1956.03.22	8.9
09355500	1956.03.27	6.1
09355500	1956.12.20	4.4
09355500	1957.02.16	3.9
09355500	1957.02.27	5.0
09355500	1957.03.09	6.1
09355500	1957.03.23	4.4
09355500	1957.04.12	9.4
09355500	1957.05.08	9.4
09355500	1957.10.24	6.1
09355500	1957.11.09	5.0
09355500	1958.03.26	5.6
09355500	1958.04.11	6.7
09355500	1958.10.27	7.2
09355500	1959.02.26	8.0
09355500	1959.04.09	7.2
09355500	1959.10.02	7.8
09355500	1959.11.04	6.7
09355500	1960.03.27	6.1
09355500	1960.04.09	8.3
09355500	1960.10.16	9.4
09355500	1960.11.08	8.3
09355500	1961.03.16	7.2
09355500	1961.04.20	8.9
09355500	1961.10.10	8.3
09355500	1961.11.02	5.6
09355500	1963.04.09	6.7
09355500	1968.04.01	5.0
09355500	1969.01.06	6.0
09355500	1969.02.03	5.0
09355500	1969.03.03	3.0
09355500	1969.04.02	6.0
09355500	1969.05.02	8.0
09355500	1969.07.09	9.0
09355500	1969.08.04	5.0
09355500	1969.12.09	8.5
09355500	1970.01.13	6.0
09355500	1970.02.09	5.0
09355500	1970.03.09	6.0
09355500	1970.04.14	6.3
09355500	1970.05.11	5.8
09355500	1970.11.16	7.5
09355500	1970.12.14	7.0

site_no	sample_dt	p00010
09355500	1971.01.21	5.5
09355500	1971.02.16	4.5
09355500	1971.03.09	4.0
09355500	1971.04.19	7.0
09355500	1971.05.19	5.0
09355500	1971.06.23	9.0
09355500	1971.10.20	6.0
09355500	1971.11.15	8.0
09355500	1971.12.27	7.0
09355500	1972.01.24	7.0
09355500	1972.02.14	6.0
09355500	1972.03.20	7.5
09355500	1972.08.29	9.0
09355500	1972.11.30	8.0
09355500	1973.01.03	5.0
09355500	1973.02.05	6.0
09355500	1973.03.05	5.0
09355500	1973.05.30	9.0
09355500	1973.06.18	8.5
09355500	1973.08.30	9.0
09355500	1973.11.27	8.0
09355500	1974.01.07	8.0
09355500	1974.02.04	6.5
09355500	1974.03.06	5.0
09355500	1974.04.03	7.0
09355500	1974.08.22	8.5
09355500	1974.10.23	8.0
09355500	1974.11.22	4.5
09355500	1974.12.20	4.5
09355500	1975.01.24	3.0
09355500	1975.03.10	5.0
09355500	1975.04.08	6.5
09355500	1975.05.06	6.0
09355500	1975.06.06	6.0
09355500	1975.07.08	8.5
09355500	1975.08.15	8.0
09355500	1975.10.16	9.5
09355500	1975.11.14	8.5
09355500	1975.12.02	6.5
09355500	1975.12.12	6.5
09355500	1976.01.29	5.5
09355500	1976.02.09	7.0
09355500	1976.02.25	6.5
09355500	1976.03.03	6.0
09355500	1976.03.23	7.5
09355500	1976.04.26	6.0

site_no	sample_dt	p00010
09355500	1976.05.06	8.0
09355500	1976.05.18	6.0
09355500	1976.06.15	5.0
09355500	1976.07.27	8.0
09355500	1976.08.06	9.0
09355500	1976.08.24	7.0
09355500	1976.09.20	8.0
09355500	1976.10.05	9.0
09355500	1976.10.26	8.0
09355500	1976.11.08	9.0
09355500	1976.11.16	4.0
09355500	1976.12.05	7.0
09355500	1976.12.08	5.5
09355500	1977.01.07	5.5
09355500	1977.02.01	6.0
09355500	1977.03.08	6.5
09355500	1977.04.12	9.5
09355500	1977.04.27	6.0
09355500	1977.05.10	9.0
09355500	1977.08.30	9.5
09355500	1977.10.18	9.0
09355500	1977.11.28	7.0
09355500	1977.12.20	4.0
09355500	1978.02.21	6.0
09355500	1978.08.15	9.0
09355500	1978.12.19	6.5
09355500	1979.03.13	6.0
09355500	1979.05.25	6.5
09355500	1979.11.30	6.5
09355500	1980.02.04	7.0
09355500	1980.03.31	6.0
09355500	1981.01.08	6.5
09355500	1981.04.06	9.5
09355500	1982.04.01	8.0
09355500	1982.05.11	6.5
09355500	1982.07.02	7.5
09355500	1982.09.08	9.0
09355500	1982.11.04	9.0
09355500	1983.01.04	7.5
09355500	1983.03.04	6.0
09355500	1983.05.02	7.0
09355500	1983.09.06	8.0
09355500	1983.11.01	9.0
09355500	1984.01.04	7.0
09355500	1984.03.12	7.5
09355500	1984.05.01	6.0

site_no	sample_dt	p00010
09355500	1984.07.09	9.5
09355500	1984.11.05	9.0
09355500	1985.01.08	5.0
09355500	1985.03.04	6.0
09355500	1985.04.29	6.0
09355500	1986.01.13	7.0
09355500	1986.03.24	5.5
09355500	1986.05.05	9.5
09355500	1987.01.07	7.0
09355500	1987.03.16	5.5
09355500	1987.11.16	9.0
09355500	1988.01.11	5.0
09355500	1988.03.16	3.0
09355500	1988.11.16	4.0
09355500	1989.02.24	3.5
09355500	1989.05.15	8.0
09355500	1989.08.08	7.5
09355500	1989.11.29	5.5
09355500	1990.01.16	5.5
09355500	1990.03.05	6.5
09355500	1990.08.09	8.0
09355500	1990.11.26	5.5
09355500	1991.01.08	6.0
09355500	1991.02.04	5.5
09355500	1991.04.01	9.0
09355500	1991.09.04	9.0
09355500	1991.11.07	8.0
09355500	1992.01.17	3.0
09355500	1992.03.17	6.5
09355500	1992.05.04	7.5
09355500	1992.08.13	8.5
09355500	1992.11.17	6.5
09355500	1993.01.05	6.0
09355500	1993.03.11	5.5
09355500	1993.05.03	7.5
09355500	1993.06.01	7.0
09355500	1993.10.04	9.0
09355500	1993.11.29	8.0
09355500	1994.02.03	4.0
09355500	1994.05.06	6.5
09355500	1994.12.06	6.4
09355500	1995.01.10	4.5
09355500	1995.02.28	4.8
09355500	1995.04.12	7.0
09355500	1995.06.05	9.0
09355500	1995.06.29	8.0

site_no	sample_dt	p00010
09355500	1995.09.06	9.5
09355500	1995.12.07	7.5
09355500	1996.01.17	4.5
09355500	1996.04.02	4.5
09355500	1996.10.29	5.5
09355500	1997.02.04	3.0
09355500	1997.04.08	4.0
09355500	1997.08.06	8.0
09355500	1997.12.08	8.0
09355500	1998.02.11	4.0
09355500	1998.05.04	8.0
09355500	1998.08.12	7.5
09355500	1998.12.08	6.5
09355500	1999.01.13	3.0
09355500	1999.06.01	8.0
09355500	1999.12.06	6.5
09355500	2000.01.18	7.0
09355500	2000.04.03	9.0
09355500	2000.07.19	9.5
09356500	1959.02.26	5.5
09356565	1978.01.13	5.5
09356565	1979.03.09	5.5
09356565	1980.03.03	6.0
09356565	1981.03.03	9.0
09356565	1981.07.02	29.0
09357000	1956.02.09	3.5
09357000	1957.10.23	8.0
09357000	1959.02.26	5.5
09357000	1960.03.20	7.2
09357000	1960.10.16	7.8
09357000	1960.11.09	8.9
09357000	1961.02.14	6.7
09357000	1961.03.13	4.4
09357000	1961.04.06	7.8
09357000	1962.11.16	9.4
09357000	1963.02.05	8.3
09357000	1963.03.23	7.2
09357000	1975.03.10	7.0
09357000	1975.12.02	6.0
09357250	1979.11.08	7.0
09357250	1979.12.10	6.0
09357250	1981.01.12	4.0
09357250	1981.03.03	7.0
09357250	1981.07.02	29.5
09357255	1993.08.17	28.6
09357255	1993.08.17	28.6

site_no	sample_dt	p00010
09357255	1993.09.29	7.8
09357000	1986.04.16	8.5
09357100	1977.12.09	4.0
09357100	1977.12.09	4.0
09357100	1978.02.22	3.0
09357100	1978.10.04	9.0
09357100	1978.11.28	4.5
09357100	1978.12.18	4.0
09357100	1979.02.21	4.0
09357100	1979.03.26	7.5
09357100	1979.04.10	6.0
09357100	1979.04.24	8.0
09357100	1979.05.07	7.5
09357100	1979.05.23	9.0
09357100	1979.10.24	9.0
09357100	1979.11.20	4.5
09357100	1979.12.17	7.0
09357100	1980.01.22	5.0
09357100	1980.02.18	6.0
09357100	1980.03.18	5.5
09357100	1980.04.21	8.0
09357100	1980.10.30	8.0
09357100	1980.11.24	7.0
09357100	1980.12.15	7.0
09357100	1981.01.19	6.0
09357100	1981.02.23	8.0
09357100	1986.04.16	7.9
09357255	1993.10.21	8.7
09357255	1993.10.28	6.9
09357255	1993.11.05	9.2
09357255	1994.02.22	8.9
09357255	1994.02.28	5.2
09357255	1994.03.08	6.5
09357255	1994.03.24	8.3
09357255	1994.03.29	3.1
09357255	1994.05.05	27.2
09357255	1994.07.05	32.2
09357255	1994.07.20	32.4
09357255	1994.07.25	31.3
09357255	1994.08.31	33.1
09357255	1994.09.23	6.5
09364500	1955.04.18	72.0
09364500	1956.01.28	4.4
09364500	1956.03.01	3.3
09364500	1956.10.24	7.2
09364500	1957.02.13	3.3

site_no	sample_dt	p00010
09364500	1957.03.03	6.7
09364500	1957.03.10	8.3
09364500	1957.04.11	8.9
09364500	1957.10.30	4.4
09364500	1959.02.26	5.5
09364500	1959.10.21	8.5
09364500	1959.11.03	7.2
09364500	1960.01.27	4.4
09364500	1960.10.18	8.9
09364500	1961.02.10	7.2
09364500	1963.02.09	5.6
09364500	1963.04.01	8.9
09364500	1963.04.16	8.9
09364500	1963.05.10	8.9
09364500	1965.11.26	5.6
09364500	1966.08.01	27.8
09364500	1966.12.07	6.7
09364500	1968.02.29	4.0
09364500	1968.03.10	6.0
09364500	1968.11.01	8.0
09364500	1969.03.01	5.0
09364500	1969.03.23	5.0
09364500	1969.03.29	5.0
09364500	1969.04.07	8.0
09364500	1969.05.20	9.0
09364500	1969.11.19	3.5
09364500	1970.02.10	8.0
09364500	1970.03.10	7.6
09364500	1970.04.15	4.0
09364500	1970.05.13	9.1
09364500	1970.11.17	4.5
09364500	1971.02.17	6.0
09364500	1971.03.10	8.0
09364500	1971.04.21	6.5
09364500	1971.10.18	9.0
09364500	1971.10.21	7.5
09364500	1971.11.16	7.5
09364500	1971.12.28	3.0
09364500	1971.12.28	3.5
09364500	1972.02.16	7.0
09364500	1972.08.01	27.5
09364500	1972.10.21	9.5
09364500	1972.10.26	8.0
09364500	1972.10.26	8.0
09364500	1973.03.01	5.5
09364500	1973.03.06	6.0

site_no	sample_dt	p00010
09364500	1973.03.20	8.5
09364500	1973.04.14	9.0
09364500	1973.05.01	6.0
09364500	1973.05.01	7.5
09364500	1973.05.21	9.0
09364500	1973.05.31	9.5
09364500	1973.06.19	9.5
09364500	1973.11.27	3.0
09364500	1974.03.05	9.0
09364500	1974.04.02	9.0
09364500	1974.11.21	9.5
09364500	1975.02.20	6.5
09364500	1975.03.02	8.0
09364500	1975.03.10	5.5
09364500	1975.03.22	7.0
09364500	1975.04.10	9.0
09364500	1975.05.08	6.5
09364500	1975.06.03	9.5
09364500	1975.06.10	9.0
09364500	1975.06.12	9.5
09364500	1975.10.16	7.5
09364500	1975.11.12	6.5
09364500	1975.12.02	3.0
09364500	1975.12.10	3.5
09364500	1976.01.20	5.0
09364500	1976.02.03	4.0
09364500	1976.02.25	8.0
09364500	1976.03.01	9.0
09364500	1976.11.16	4.0
09364500	1977.11.28	7.0
09364500	1978.02.07	4.0
09364500	1978.02.24	7.5
09364500	1978.03.03	6.5
09364500	1978.03.10	4.0
09364500	1978.05.23	9.0
09364500	1978.05.26	9.0
09364500	1979.02.17	6.0
09364500	1979.03.13	8.5
09364500	1979.03.20	7.0
09364500	1979.03.29	6.0
09364500	1979.04.19	8.0
09364500	1979.10.23	9.5
09364500	1979.11.27	4.0
09364500	1980.02.06	5.0
09364500	1980.03.04	4.5
09364500	1980.03.04	4.5

site_no	sample_dt	p00010
09364500	1980.03.22	6.0
09364500	1980.04.02	6.0
09364500	1980.11.04	9.0
09364500	1980.12.01	4.0
09364500	1981.01.05	4.0
09364500	1981.03.04	5.5
09364500	1981.10.27	8.0
09364500	1982.01.27	5.5
09364500	1982.02.20	6.5
09364500	1982.02.25	4.0
09364500	1982.03.13	9.5
09364500	1982.03.29	8.0
09364500	1982.05.06	8.0
09364500	1982.11.18	6.0
09364500	1982.12.10	4.5
09364500	1983.02.01	3.0
09364500	1983.03.01	6.5
09364500	1983.03.01	8.0
09364500	1983.03.04	7.5
09364500	1983.03.15	6.0
09364500	1983.05.18	7.5
09364500	1983.10.25	9.0
09364500	1984.03.02	4.5
09364500	1984.04.02	5.0
09364500	1984.11.06	5.0
09364500	1984.12.28	3.0
09364500	1985.03.06	6.0
09364500	1985.03.10	6.5
09364500	1985.03.12	7.0
09364500	1985.04.27	9.5
09364500	1985.11.06	9.5
09364500	1985.11.26	6.5
09364500	1986.03.25	7.0
09364500	1986.04.15	8.5
09364500	1986.05.08	7.5
09364500	1986.08.11	27.0
09364500	1986.11.17	7.0
09364500	1986.12.02	5.0
09364500	1987.03.17	5.0
09364500	1987.10.31	8.0
09364500	1988.03.14	7.5
09364500	1988.11.15	5.5
09364500	1989.02.23	3.0
09364500	1990.03.06	6.0
09364500	1991.02.04	3.5
09364500	1992.03.18	8.0

site_no	sample_dt	p00010
09364500	1992.11.19	5.0
09364500	1993.03.09	8.5
09364500	1993.05.05	8.5
09364500	1995.01.09	5.0
09364500	1995.02.27	9.8
09364500	1995.04.07	9.0
09364500	1995.12.06	3.5
09364500	1996.10.28	7.5
09364500	1997.12.09	3.0
09364500	1998.02.10	5.5
09364500	1999.03.11	6.0
09364500	2000.01.20	3.5
09365000	1969.03.03	3.0
09365000	1969.03.03	3.0
09365000	1969.05.02	9.0
09365000	1969.05.02	9.0
09365000	1969.10.16	9.5
09365000	1969.10.16	9.5
09365000	1969.11.18	6.0
09365000	1969.11.18	6.0
09365000	1969.11.18	5.5
09365000	1969.11.18	5.5
09365000	1970.01.14	3.8
09365000	1970.01.14	5.0
09365000	1970.02.10	9.0
09365000	1970.02.10	8.0
09365000	1970.03.10	7.9
09365000	1970.03.10	6.6
09365000	1970.04.15	4.7
09365000	1970.04.15	5.8
09365000	1970.05.13	9.2
09365000	1970.05.13	9.8
09365000	1970.11.17	5.0
09365000	1970.11.17	4.0
09365000	1970.12.15	4.5
09365000	1970.12.15	3.5
09365000	1971.01.22	4.5
09365000	1971.01.22	3.5
09365000	1971.02.17	6.0
09365000	1971.02.17	6.0
09365000	1971.03.09	4.0
09365000	1971.03.09	5.0
09365000	1971.04.21	8.0
09365000	1971.04.21	9.0
09365000	1971.08.16	27.0
09365000	1971.10.21	9.0

site_no	sample_dt	p00010
09365000	1971.10.21	9.5
09365000	1971.11.16	7.5
09365000	1971.11.16	8.5
09365000	1971.12.28	5.0
09365000	1971.12.28	5.5
09365000	1972.02.16	6.0
09365000	1972.02.16	6.0
09365000	1972.11.30	3.0
09365000	1972.11.30	3.5
09365000	1973.01.04	3.0
09365000	1973.01.04	4.5
09365000	1973.02.06	3.0
09365000	1973.02.06	3.0
09365000	1973.03.06	7.0
09365000	1973.03.06	6.5
09365000	1973.05.01	8.0
09365000	1973.05.01	8.5
09365000	1973.10.30	9.5
09365000	1973.11.27	5.0
09365000	1973.11.27	5.0
09365000	1974.01.08	4.5
09365000	1974.01.08	5.5
09365000	1974.02.05	3.0
09365000	1974.03.05	8.0
09365000	1974.03.05	7.0
09365000	1974.04.02	8.5
09365000	1974.04.02	7.5
09365000	1974.11.21	6.5
09365000	1974.12.17	4.0
09365000	1975.02.20	5.0
09365000	1975.03.10	7.0
09365000	1975.05.08	9.5
09365000	1975.10.16	6.5
09365000	1975.11.13	7.5
09365000	1975.12.02	5.5
09365000	1975.12.10	7.5
09365000	1976.01.28	5.0
09365000	1976.02.03	3.0
09365000	1976.02.25	7.0
09365000	1976.03.01	7.5
09365000	1976.03.23	9.5
09365000	1976.04.01	9.0
09365000	1976.10.26	9.0
09365000	1976.11.04	7.0
09365000	1976.11.16	3.0
09365000	1976.12.07	3.5

site_no	sample_dt	p00010
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09365000	1977.03.10	4.5
09365000	1977.10.19	7.5
09365000	1977.11.28	7.0
09365000	1978.01.25	3.0
09365000	1978.02.21	8.0
09365000	1978.03.16	5.0
09365000	1978.11.16	6.5
09365000	1979.03.16	5.0
09365000	1979.04.19	6.0
09365000	1979.05.24	9.0
09365000	1979.11.29	4.0
09365000	1979.12.18	5.5
09365000	1980.02.07	4.5
09365000	1980.03.04	5.5
09365000	1980.04.02	5.5
09365000	1980.04.30	7.0
09365000	1980.11.06	8.0
09365000	1981.01.06	4.0
09365000	1981.02.03	5.0
09365000	1981.03.04	7.0
09365000	1981.10.29	9.5
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09365000	1982.02.22	4.5
09365000	1986.04.15	8.0
09365000	1991.02.04	5.0
09365000	2000.01.20	4.0
09365000	2000.04.05	8.5
09367400	1980.01.09	4.0
09367400	1980.01.09	4.0
09367400	1980.01.10	4.0
09367400	1981.08.27	33.0
09367400	1982.02.25	6.0
09367400	1983.01.19	7.0
09367500	1958.08.14	30.0
09367500	1958.12.02	4.0
09367500	1970.08.11	30.0
09367500	1970.10.14	5.0
09367500	1970.11.17	3.0
09367500	1971.03.09	9.0
09367500	1971.03.10	9.0
09367500	1971.07.19	32.0
09367500	1971.08.17	32.0
09367500	1971.11.16	9.0
09367500	1971.12.28	6.5
09367500	1972.01.25	8.0

site_no	sample_dt	p00010
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09367500	1972.05.24	28.0
09367500	1972.06.20	27.5
09367500	1972.08.01	33.0
09367500	1972.11.30	5.0
09367500	1973.01.04	3.0
09367500	1976.02.19	4.0
09367500	1976.03.01	6.0
09367500	1976.07.01	32.0
09367500	1976.11.04	5.0
09367500	1976.11.16	8.0
09367500	1978.01.24	3.0
09367500	1978.02.27	8.0
09367500	1978.03.22	8.0
09367500	1978.04.11	9.5
09367500	1979.02.20	8.5
09367500	1979.03.29	6.0
09367500	1979.04.13	8.5
09367500	1979.05.10	6.0
09367500	1979.07.27	34.0
09367500	1980.01.21	3.0
09367500	1980.02.19	7.0
09367500	1980.03.17	5.5
09367500	1980.04.09	8.0
09367500	1980.07.28	31.0
09367500	1980.08.04	29.0
09367500	1980.12.01	6.0
09367500	1981.01.06	3.5
09367500	1981.08.03	33.0
09367500	1981.08.28	33.0
09367500	1990.10.18	4.0
09367536	1993.10.21	6.0
09367536	1993.10.28	3.8
09367536	1993.11.05	4.1
09367536	1993.11.17	3.3
09367536	1993.11.24	3.7
09367536	1993.12.15	3.1
09367536	1993.12.23	4.5
09367536	1994.01.27	3.2
09367536	1994.02.17	9.4
09367536	1994.02.28	5.6
09367536	1994.03.08	9.3
09367536	1994.03.24	9.0
09367536	1994.03.29	5.2
09367536	1994.04.06	3.5
09367536	1994.04.15	7.1

site_no	sample_dt	p00010
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09367536	1994.10.17	6.3
09367540	1977.12.14	3.5
09367540	1978.02.21	3.0
09367540	1978.11.29	3.0
09367540	1979.02.22	4.0
09367540	1979.03.27	6.5
09367540	1979.04.11	6.0
09367540	1979.11.19	6.0
09367540	1979.12.18	4.0
09367540	1980.01.23	3.0
09367540	1980.02.19	7.0
09367540	1980.03.19	6.0
09367540	1980.04.07	9.5
09367540	1980.10.30	8.0
09367540	1980.11.25	6.5
09367540	1980.12.17	5.5
09367540	1981.02.25	6.0
09367540	1981.03.25	7.5
09367540	1982.11.02	6.5
09367540	1983.01.11	3.5
09367540	1983.03.08	7.0
09367540	1983.05.19	9.5
09367540	1983.11.04	9.0
09367540	1984.01.03	3.0
09367540	1984.03.15	7.0
09367540	1984.11.06	8.0
09367540	1985.01.09	4.0
09367540	1985.03.13	3.5
09367540	1985.11.07	8.5
09367540	1986.01.15	5.0
09367540	1986.03.25	9.0
09367540	1986.05.08	7.0
09367540	1986.07.11	3.5
09367540	1987.01.05	6.0
09367540	1987.03.17	5.0
09367540	1987.05.19	9.0
09367540	1987.11.18	5.5
09367540	1988.01.13	4.5
09367540	1988.03.17	5.0
09367540	1988.11.15	5.5
09367540	1989.02.23	8.5
09367540	1989.12.01	3.5
09367540	1990.03.06	7.0
09367540	1991.01.09	3.5
09367540	1991.02.06	5.0

site_no	sample_dt	p00010
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09367540	1992.03.19	9.5
09367540	1992.11.19	7.0
09367540	1993.01.07	3.5
09367540	1993.03.11	5.5
09367540	1993.05.05	9.0
09367540	1993.11.30	5.8
09367540	1995.03.01	9.1
09367540	1995.06.09	9.0
09367540	1995.10.05	9.0
09367540	1995.12.06	6.0
09367555	1978.10.24	8.5
09367561	1974.10.27	8.0
09367561	1974.10.30	5.0
09367561	1974.11.03	9.0
09367561	1975.03.09	40.0
09367561	1975.03.11	6.5
09367561	1975.03.23	9.5
09367561	1975.04.11	6.0
09367561	1975.05.07	8.5
09367561	1975.06.01	30.0
09367561	1975.06.04	30.5
09367561	1975.06.08	32.5
09367561	1975.06.15	32.0
09367561	1975.07.09	33.0
09367561	1975.07.13	31.0
09367561	1975.07.20	32.5
09367561	1975.08.14	31.0
09367561	1975.08.17	27.5
09367561	1975.09.07	30.5
09367561	1975.10.05	31.5
09367561	1975.10.12	29.0
09367561	1975.11.30	4.0
09367561	1975.12.11	5.0
09367561	1976.01.11	4.5
09367561	1976.01.26	3.5
09367561	1976.02.01	4.5
09367561	1976.02.15	6.5
09367561	1976.02.26	9.5
09367561	1976.02.29	8.0
09367561	1976.03.02	6.0
09367561	1976.04.02	7.0
09367561	1976.04.11	32.0
09367561	1976.04.18	28.5
09367561	1976.04.25	30.0
09367561	1976.05.02	31.5

site_no	sample_dt	p00010
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09367561	1976.05.16	35.5
09367561	1976.05.19	28.5
09367561	1976.06.04	35.0
09367561	1976.06.08	29.5
09367561	1976.07.28	30.5
09367561	1976.08.19	30.0
09367561	1976.08.19	30.0
09367561	1976.08.20	29.5
09367561	1976.11.17	6.5
09367561	1976.12.06	6.0
09367561	1977.01.05	8.0
09367561	1977.01.28	5.0
09367561	1977.01.31	8.5
09367561	1977.02.22	9.5
09367561	1977.02.26	8.5
09367561	1977.03.01	4.0
09367561	1977.03.10	8.0
09367561	1977.03.11	5.0
09367561	1977.03.12	5.0
09367561	1977.03.13	5.5
09367561	1977.03.15	5.0
09367561	1977.03.16	6.0
09367561	1977.03.17	6.5
09367561	1977.03.18	7.5
09367561	1977.03.19	7.0
09367561	1977.03.20	8.0
09367561	1977.03.23	8.5
09367561	1977.03.24	8.5
09367561	1977.03.25	9.5
09367561	1977.04.10	9.0
09367561	1977.04.11	9.5
09367561	1977.07.02	30.5
09367561	1977.07.03	31.5
09367561	1977.07.04	30.5
09367561	1977.07.05	29.5
09367561	1977.07.06	31.5
09367561	1977.07.07	30.0
09367561	1977.07.08	30.0
09367561	1977.07.09	29.5
09367561	1977.07.10	30.5
09367561	1977.07.11	29.5
09367561	1977.07.12	30.5
09367561	1977.07.13	30.5
09367561	1977.07.14	31.0
09367561	1977.10.20	9.5

site_no	sample_dt	p00010
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09367561	1978.08.17	30.0
09367561	1978.11.14	8.0
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09367561	1979.03.15	9.0
09367561	1979.05.09	7.0
09367561	1979.11.27	7.5
09367561	1979.12.18	6.0
09367561	1980.01.09	9.0
09367561	1980.02.06	7.5
09367561	1980.02.06	9.0
09367561	1980.09.02	32.0
09367561	1981.06.22	30.0
09367561	1981.07.22	30.0
09367561	1981.08.04	31.0
09367561	1981.09.03	30.0
09367561	1982.02.02	8.0
09367561	1982.12.08	9.5
09367561	1983.01.10	8.5
09367561	1983.06.07	29.0
09367561	1983.08.08	35.0
09367561	1983.09.15	29.0
09367561	1983.09.15	29.0
09367561	1983.11.25	3.5
09367561	1983.12.20	4.0
09367561	1986.08.13	28.5
09367660	1979.03.05	5.5
09367660	1981.03.04	6.0
09367680	1977.02.12	3.5
09367680	1977.02.12	3.0
09367680	1977.02.12	3.0
09367680	1977.02.12	4.0
09367680	1977.02.12	4.0
09367680	1977.02.12	4.0
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09367680	1977.02.13	3.0
09367680	1977.02.13	4.0
09367680	1977.02.13	4.0
09367680	1977.02.13	4.0
09367680	1977.02.13	4.0
09367680	1977.02.14	3.0
09367680	1977.02.14	3.0
09367680	1977.02.14	4.0
09367680	1977.02.14	4.0
09367680	1977.02.14	5.0
09367680	1977.02.14	5.0

site_no	sample_dt	p00010
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09367680	1977.02.14	6.0
09367680	1977.02.14	7.0
09367680	1977.02.15	5.0
09367680	1977.02.15	4.0
09367680	1977.02.15	4.0
09367680	1977.02.15	5.0
09367680	1977.02.15	6.0
09367680	1977.02.15	6.0
09367680	1977.02.16	5.0
09367680	1977.02.16	4.0
09367680	1977.02.16	5.0
09367680	1977.02.16	5.0
09367680	1977.02.16	7.0
09367680	1977.02.17	7.5
09367680	1977.03.09	5.5
09367680	1977.03.09	6.0
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09367680	1977.03.09	5.0
09367680	1977.03.09	4.0
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09367680	1977.03.10	3.0
09367680	1977.03.10	3.5
09367680	1977.03.10	4.0
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09367680	1977.03.10	5.0
09367680	1977.03.10	5.0
09367680	1977.03.10	6.0
09367680	1977.08.12	28.0
09367680	1977.08.19	28.0
09367680	1978.02.07	5.0
09367680	1978.02.07	5.0
09367680	1978.02.07	5.0
09367680	1978.02.07	5.5
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09367680	1978.02.07	5.5

site_no	sample_dt	p00010
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09367680	1978.02.07	5.5
09367680	1978.02.08	4.0
09367680	1978.02.08	4.5
09367680	1978.02.08	4.0
09367680	1978.02.26	3.0
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09367680	1978.02.26	4.0
09367680	1978.02.26	4.0
09367680	1978.02.26	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.27	5.0
09367680	1978.02.28	3.5
09367680	1978.02.28	3.5
09367680	1978.03.02	4.5
09367680	1978.03.02	4.5
09367680	1978.03.02	4.5
09367680	1978.03.02	4.5
09367680	1978.03.03	5.0
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09367680	1978.03.04	4.5
09367680	1978.03.04	5.0
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09367680	1978.05.05	3.0
09367680	1978.05.05	3.0
09367680	1978.05.07	3.0
09367680	1978.05.07	3.0
09367680	1978.08.25	29.0
09367680	1978.08.30	5.0
09367680	1978.08.30	5.0
09367680	1978.08.30	6.0
09367680	1978.08.30	6.0
09367680	1978.08.30	6.0
09367680	1978.08.30	7.0

site_no	sample_dt	p00010
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09367680	1978.10.22	8.0
09367680	1978.10.23	9.0
09367680	1978.10.23	9.0
09367680	1978.10.25	7.0
09367680	1978.10.26	5.0
09367680	1978.11.03	8.0
09367680	1978.11.03	6.5
09367680	1978.11.04	5.0
09367680	1978.11.04	3.5
09367680	1978.11.04	5.0
09367680	1978.11.16	3.0
09367680	1978.11.16	6.0
09367680	1978.11.16	6.0
09367680	1978.11.16	3.0
09367680	1978.11.25	3.0
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09367680	1978.11.25	6.0
09367680	1978.11.25	5.0
09367680	1978.11.25	5.0
09367680	1979.02.13	3.5
09367680	1979.02.14	3.0
09367680	1979.02.14	3.0
09367680	1979.02.14	3.0
09367680	1979.02.17	3.0
09367680	1979.02.17	4.0
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09367680	1979.02.17	3.0
09367680	1979.02.18	4.0
09367680	1979.02.20	3.5
09367680	1979.02.20	3.5
09367680	1979.02.20	3.5
09367680	1979.02.25	3.5
09367680	1979.02.27	4.0
09367680	1979.02.28	3.0
09367680	1979.03.01	3.0
09367680	1979.03.02	4.5
09367680	1979.03.03	6.0
09367680	1979.03.07	4.0
09367680	1979.03.07	8.0
09367680	1979.03.07	7.5
09367680	1979.03.08	4.0
09367680	1979.03.08	5.0
09367680	1979.03.08	9.0

site_no	sample_dt	p00010
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09367680	1979.03.09	6.0
09367680	1979.03.09	5.5
09367680	1979.03.09	5.5
09367680	1979.03.09	5.5
09367680	1979.03.09	5.5
09367680	1979.03.09	4.5
09367680	1979.03.09	4.5
09367680	1979.03.09	7.0
09367680	1979.03.10	4.5
09367680	1979.03.10	6.0
09367680	1979.03.14	3.0
09367680	1979.06.02	9.0
09367680	1980.02.15	3.0
09367680	1980.02.15	4.0
09367680	1980.02.15	4.5
09367680	1980.02.15	4.5
09367680	1980.02.15	4.0
09367680	1980.02.16	3.0
09367680	1980.02.16	3.0
09367680	1980.02.16	3.0
09367680	1980.02.16	5.0
09367680	1980.02.16	5.0
09367680	1983.04.15	4.0
09367682	1979.02.16	4.0
09367685	1978.02.08	9.0
09367685	1978.02.08	7.0
09367685	1978.02.10	7.5
09367685	1980.04.01	5.0
09367685	1983.03.17	5.0
09367687	1982.06.22	28.0
09367687	1982.08.24	28.0
09367687	1982.11.15	3.5
09367687	1983.04.07	9.5
09367687	1983.08.16	28.0
09367689	1981.11.06	8.5
09367689	1982.06.09	9.5
09367689	1983.04.07	5.5
09367710	1975.03.13	5.5
09367710	1975.08.13	29.5
09367710	1975.08.13	29.5
09367710	1976.08.13	29.5
09367710	1977.03.02	3.0
09367710	1978.10.24	9.0
09367710	1978.10.24	9.5
09367710	1978.10.26	7.0

site_no	sample_dt	p00010
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09367710	1979.08.16	6.0
09367710	1979.11.08	5.5
09367710	1980.12.08	3.0
09367710	1981.03.11	9.0
09367710	1981.07.08	33.0
09367930	1975.07.10	29.5
09367930	1975.07.11	31.0
09367930	1976.02.02	6.0
09367930	1976.06.22	30.0
09367930	1976.06.22	30.0
09367930	1976.06.22	30.0
09367930	1976.07.19	30.0
09367930	1976.07.19	30.0
09367930	1976.07.19	30.0
09367930	1976.07.20	35.0
09367930	1976.07.26	40.0
09367930	1976.07.26	40.0
09367930	1976.07.26	40.0
09367930	1976.09.27	35.0
09367930	1977.02.28	8.5
09367930	1977.05.17	27.0
09367930	1978.10.24	9.0
09367930	1978.10.26	4.0
09367930	1978.11.15	3.5
09367930	1979.02.16	9.0
09367930	1979.11.08	5.5
09367930	1981.03.11	5.0
09367936	1982.03.03	8.0
09367938	1978.03.01	8.0
09367938	1980.01.10	4.0
09367938	1980.01.18	6.0
09367938	1980.01.28	3.5
09367938	1980.02.07	3.5
09367938	1980.02.21	7.0
09367938	1981.03.18	8.5
09367938	1981.07.02	27.5
09367950	1975.11.13	9.0
09367950	1975.12.11	6.5
09367950	1976.01.27	5.5
09367950	1976.02.02	7.0
09367950	1976.04.21	6.0
09367950	1976.04.21	6.0
09367950	1976.04.21	6.0
09367950	1976.07.06	30.0
09367950	1976.07.20	33.0

site_no	sample_dt	p00010
09367950	1976.08.05	27.0
09367950	1976.08.05	27.0
09367950	1976.08.05	27.0
09367950	1976.10.27	8.0
09367950	1976.10.27	8.0
09367950	1976.10.27	8.0
09367950	1976.12.01	7.0
09367950	1976.12.13	9.0
09367950	1977.01.06	4.0
09367950	1977.03.09	3.0
09367950	1977.06.14	28.0
09367950	1977.11.29	7.0
09367950	1978.02.22	4.5
09367950	1978.08.03	27.0
09367950	1978.10.24	8.0
09367950	1978.11.14	7.0
09367950	1979.02.15	3.0
09367950	1979.03.14	5.5
09367950	1979.03.29	8.0
09367950	1979.05.29	27.0
09367950	1979.07.09	35.0
09367950	1979.09.11	29.0
09367950	1979.09.11	29.0
09367950	1979.09.11	29.0
09367950	1979.11.07	9.0
09367950	1979.11.27	7.5
09367950	1979.11.27	6.0
09367950	1980.01.09	7.0
09367950	1980.02.05	4.5
09367950	1980.02.05	4.5
09367950	1980.03.04	5.0
09367950	1980.04.02	6.0
09367950	1980.08.05	32.0
09367950	1980.08.05	32.0
09367950	1980.12.10	4.0
09367950	1981.01.09	7.0
09367950	1981.03.19	8.5
09367950	1981.07.10	31.0
09367950	1981.07.22	29.0
09367950	1981.09.03	27.0
09367950	1981.12.16	7.5
09367950	1982.02.24	4.0
09367950	1982.12.09	8.5
09367950	1983.01.06	9.0
09367950	1983.02.08	7.0
09367950	1983.02.16	8.5

site_no	sample_dt	p00010
09367950	1983.04.01	6.0
09367950	1983.11.25	4.0
09367950	1983.12.20	3.5
09367950	1984.01.30	6.0
09367950	1984.03.01	6.0
09367950	1984.04.04	9.0
09367950	1984.07.13	30.0
09367950	1984.11.06	8.0
09367950	1988.03.17	4.0
09367950	1989.02.23	9.5
09368000	1959.11.03	9.4
09368000	1960.01.26	4.4
09368000	1960.03.08	8.3
09368000	1960.04.01	8.3
09368000	1960.04.17	8.9
09368000	1962.11.20	6.1
09368000	1963.03.01	7.2
09368000	1963.08.14	28.9
09368000	1965.10.18	8.9
09368000	1965.11.26	7.8
09368000	1965.12.31	6.1
09368000	1966.02.26	6.1
09368000	1966.03.11	8.9
09368000	1967.12.08	3.0
09368000	1968.01.30	4.0
09368000	1968.02.03	4.0
09368000	1968.04.23	6.0
09368000	1968.07.29	29.0
09368000	1969.01.27	7.0
09368000	1969.02.03	5.0
09368000	1969.02.03	3.0
09368000	1969.02.20	3.0
09368000	1969.03.03	5.0
09368000	1969.03.15	8.0
09368000	1969.05.07	8.0
09368000	1969.11.19	3.0
09368000	1969.12.10	5.5
09368000	1970.01.13	5.2
09368000	1970.02.10	6.4
09368000	1970.03.10	7.6
09368000	1970.08.11	28.5
09368000	1970.10.14	9.5
09368000	1970.11.16	6.5
09368000	1970.12.14	4.5
09368000	1971.01.21	6.0
09368000	1971.01.21	6.0

site_no	sample_dt	p00010
09368000	1971.02.13	7.5
09368000	1971.02.16	9.0
09368000	1971.03.08	6.5
09368000	1971.03.09	6.5
09368000	1971.04.20	9.0
09368000	1971.07.19	27.5
09368000	1971.08.17	29.0
09368000	1971.08.17	30.0
09368000	1971.11.16	8.0
09368000	1971.12.24	6.0
09368000	1971.12.28	4.0
09368000	1972.01.02	4.0
09368000	1972.02.16	3.0
09368000	1972.03.21	7.5
09368000	1972.08.06	28.0
09368000	1972.11.01	5.0
09368000	1972.12.01	3.5
09368000	1973.02.06	3.0
09368000	1973.03.01	8.0
09368000	1973.03.06	5.0
09368000	1973.03.12	4.0
09368000	1973.03.31	5.5
09368000	1973.04.13	9.5
09368000	1973.05.02	7.0
09368000	1973.10.30	8.0
09368000	1973.11.28	3.0
09368000	1974.01.08	3.0
09368000	1974.03.05	4.0
09368000	1974.04.03	6.0
09368000	1974.11.21	7.0
09368000	1975.03.03	5.0
09368000	1975.03.12	5.5
09368000	1975.04.10	7.5
09368000	1975.05.07	9.5
09368000	1975.10.15	7.5
09368000	1975.11.12	3.0
09368000	1975.12.11	5.0
09368000	1976.01.07	4.0
09368000	1976.01.22	6.0
09368000	1976.01.29	7.0
09368000	1976.02.02	4.0
09368000	1976.02.18	8.0
09368000	1976.02.26	3.0
09368000	1976.03.02	9.0
09368000	1976.03.24	6.0
09368000	1976.10.27	7.0

site_no	sample_dt	p00010
09368000	1976.10.27	7.0
09368000	1976.10.29	7.0
09368000	1977.01.06	3.0
09368000	1977.02.02	3.5
09368000	1977.03.09	7.5
09368000	1977.11.29	3.0
09368000	1978.02.11	6.5
09368000	1978.02.15	4.0
09368000	1978.02.22	6.5
09368000	1978.03.03	8.5
09368000	1978.03.16	9.0
09368000	1978.05.20	5.0
09368000	1978.08.07	28.0
09368000	1978.11.16	4.0
09368000	1979.02.21	4.0
09368000	1979.03.03	6.0
09368000	1979.03.14	8.5
09368000	1979.10.24	9.0
09368000	1979.11.10	8.5
09368000	1980.01.24	3.0
09368000	1980.01.31	5.0
09368000	1980.02.05	6.0
09368000	1980.03.05	5.0
09368000	1980.04.01	5.0
09368000	1980.11.05	7.0
09368000	1980.12.02	6.5
09368000	1981.01.07	4.0
09368000	1981.02.04	4.5
09368000	1981.03.06	7.5
09368000	1981.03.13	9.0
09368000	1981.03.20	7.0
09368000	1982.02.01	3.5
09368000	1982.02.19	3.0
09368000	1982.02.25	5.0
09368000	1982.02.28	5.0
09368000	1982.03.04	6.5
09368000	1982.03.13	8.0
09368000	1982.03.16	7.0
09368000	1982.03.29	6.0
09368000	1982.03.30	5.0
09368000	1982.03.31	5.0
09368000	1982.11.03	8.0
09368000	1983.01.20	3.0
09368000	1983.02.02	3.0
09368000	1983.02.16	4.0
09368000	1983.02.26	5.0

site_no	sample_dt	p00010
09368000	1983.03.14	8.0
09368000	1983.03.24	3.0
09368000	1983.04.14	6.0
09368000	1983.05.03	9.0
09368000	1984.01.03	3.0
09368000	1984.02.02	3.0
09368000	1984.02.08	3.0
09368000	1984.02.10	3.0
09368000	1984.03.05	4.0
09368000	1984.03.14	9.0
09368000	1984.04.03	7.0
09368000	1984.11.07	7.0
09368000	1984.12.28	7.0
09368000	1985.01.10	4.0
09368000	1985.02.19	5.0
09368000	1985.02.24	4.0
09368000	1985.03.05	5.0
09368000	1985.04.28	8.0
09368000	1985.04.29	8.0
09368000	1986.01.14	6.0
09368000	1986.03.26	9.5
09368000	1986.04.04	8.0
09368000	1987.03.18	6.0
09368000	1987.11.17	6.5
09368000	1988.03.15	8.0
09368000	1988.11.17	6.0
09368000	1989.02.22	4.5
09368000	1990.03.07	7.5
09368000	1990.11.27	4.0
09368000	1991.02.06	3.5
09368000	1992.11.18	7.5
09368000	1993.03.10	8.0
09368000	1993.11.03	5.5
09368000	1994.11.17	3.9
09368000	1995.03.02	8.0
09368000	1995.12.05	5.5
09368000	1996.01.17	3.5
09368000	1996.10.30	6.5
09368000	1997.02.05	3.0
09368000	1997.12.10	3.0
09368000	1998.02.12	4.0
09368000	1999.03.10	7.9
09368000	2000.01.19	7.0
355734107535	1986.04.24	42.2
355734107535	1986.04.24	42.2
355734107535	1987.10.22	37.4

site_no	sample_dt	p00010
360152107541	1986.04.22	32.8
360152107541	1986.04.22	32.8
360152107541	1987.10.21	32.9

Appendix C Stream Flow Data Summaries

Stream flow data was evaluated for the USGS stream gages within the New Mexico portion of the San Juan Hydrologic Unit. Relevant gages within Colorado were also evaluated. The available monthly flows were downloaded from the USGS website and summaries for each station prepared. The summaries include the following worksheets:

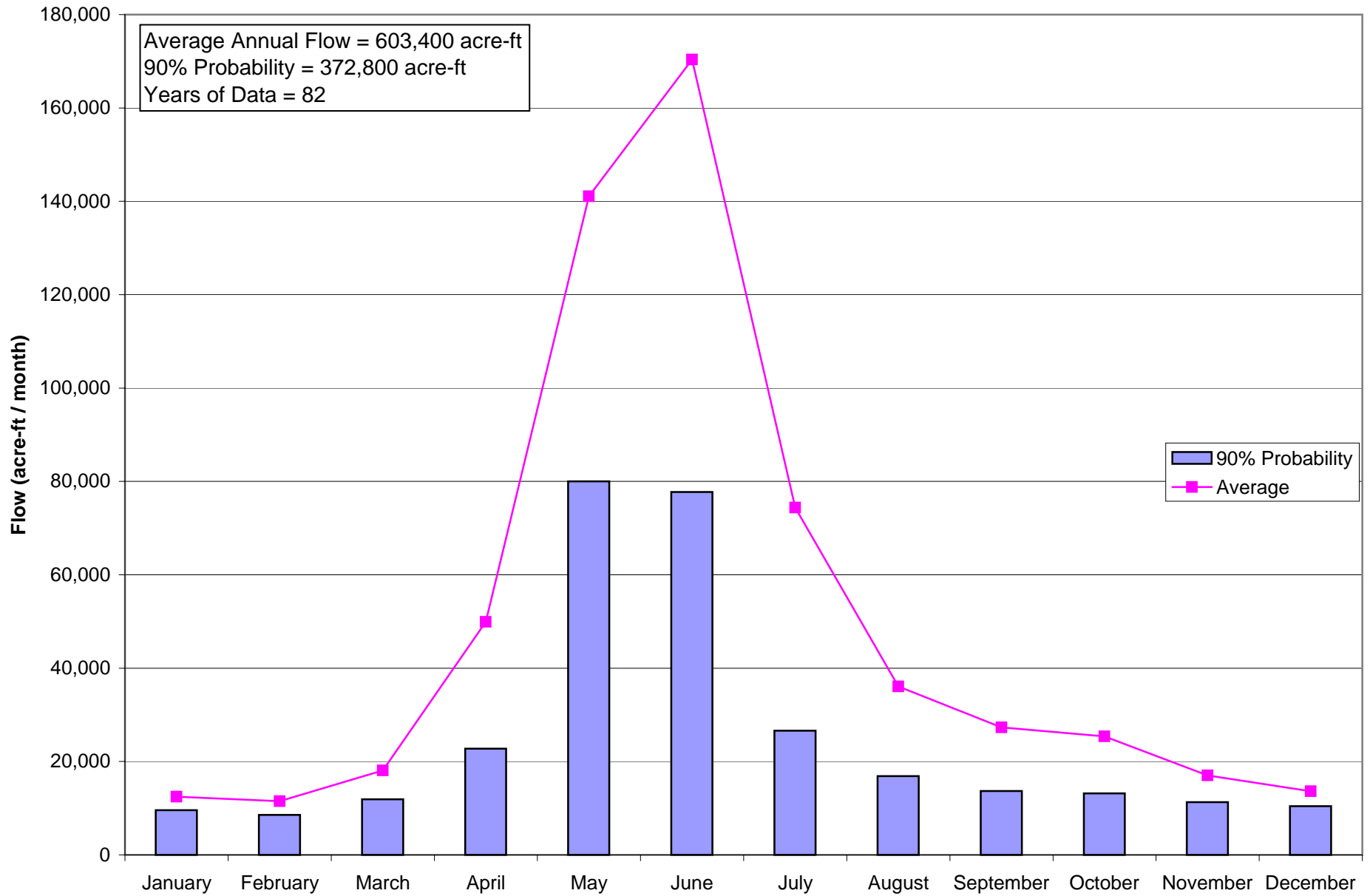
1. Monthly Flows in cubic feet per second (cfs) – This is the raw data that was obtained directly from the USGS website. Any missing data (blanks) were treated as dashes (-) in the table. Dashes are not included in any calculations. Zeros in the raw data were treated as “measured no flow” values and are included in the calculations. The monthly average flow was calculated for the period of record for each month. The maximum flows and the minimum flows were identified for each month.
2. Monthly Flows in acre-feet – These values were calculated from the “Monthly Flows in cfs”. The calculations account for the correct number of days in the months. The monthly average flow was calculated for the period of record for each month. A probability flow (the amount of water that has historically been available a certain percentage of the time) was also determined. The New Mexico State Engineer Office identified 90% as the required probability flow. The 90% probability flows was calculated for the period of record.
3. Average Monthly Flow Graph – The results calculated in the “Monthly Flows in acre-feet” table are graphically represented. The monthly average and the 90% probability values are presented. In addition, the average annual flow and the annual 90% probability flow are provided. The number of years of data that were included in the calculations is also provided to indicate the reliability of the numbers presented.
4. Notes – This page provides information on how the above pages were developed and identifies any assumptions that were required.

Appendix C-1 USGS Gages in the Animas Watershed

The USGS Gages included in the Animas Watershed are:

USGS Station ID	Name	Watershed
9361500	Animas River near Durango, CO	Animas
9363000	Florida River near Durango, CO	Animas
9363050	Florida River below Flor Farmers Ditch near Durango, CO	Animas
9363100	Salt Creek near Oxford, CO	Animas
9363200	Florida River at Bondad, CO	Animas
9363500	Animas River near Cedar Hill, NM	Animas
9364500	Animas River at Farmington, NM	Animas

Average Monthly Flow
USGS Station: 9361500
Animas River at Durango, CO
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9361500

USGS Station Name: ANIMAS RIVER AT DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1897	-	-	-	-	-	-	-	-	-	1386	553	350
1898	250	267	306	1511	1765	3431	1365	365	263	-	-	-
1899	-	-	-	-	-	-	-	-	-	297	267	150
1900	178	132	200	334	2183	1990	409	179	231	-	-	-
1901	-	-	-	-	-	-	-	-	-	-	-	-
1902	-	-	-	-	-	-	-	-	-	-	-	-
1903	-	-	-	-	-	-	-	-	-	-	-	-
1904	-	-	-	-	-	-	-	-	-	-	-	-
1905	-	-	-	-	-	-	-	-	-	-	-	-
1906	-	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	-
1908	-	-	-	-	-	-	-	-	-	-	-	-
1909	-	-	-	-	-	-	-	-	-	-	-	-
1910	-	-	-	-	-	-	-	-	-	-	-	-
1911	-	-	-	-	-	-	-	-	-	-	-	-
1912	279	246	289	631	3631	3564	1752	707	370	305	280	180
1913	150	156	194	787	2186	2057	807	389	561	481	290	225
1914	209	186	487	1003	3167	4527	2148	655	376	651	338	202
1915	200	169	290	1200	2248	3423	1702	549	374	329	268	213
1916	201	236	844	1401	2939	4291	1854	1396	469	1671	547	326
1917	318	294	326	929	1986	5846	2919	763	431	372	225	143
1918	150	150	258	547	1892	2805	895	589	766	302	238	227
1919	191	192	271	1276	3441	2509	1605	766	521	330	282	281
1920	300	352	436	839	4791	5415	2148	765	411	394	364	275
1921	220	228	472	837	2526	5612	2190	1390	650	303	243	242
1922	214	230	324	851	3709	4783	1340	574	302	216	228	207
1923	156	187	297	695	2675	3377	1460	957	615	560	369	230
1924	195	228	225	1032	2501	2412	718	298	222	234	209	178
1925	153	184	283	614	2075	2094	1128	581	1332	-	-	-
1926	221	227	259	-	2541	-	-	-	357	363	254	243
1927	-	-	-	-	-	-	-	-	-	715	454	290

Average Monthly Flows (cfs)

USGS Station ID: 9361500

USGS Station Name: ANIMAS RIVER AT DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1928	275	271	351	659	2297	2178	980	434	336	300	312	239
1929	220	196	256	859	2662	3351	1528	1500	1315	628	316	214
1930	183	235	269	1104	1630	2456	825	793	321	276	204	170
1931	158	135	140	254	927	1368	489	354	339	402	200	190
1932	180	193	369	1213	3173	3320	1602	974	424	270	226	163
1933	103	110	208	354	1293	2812	856	333	427	298	190	174
1934	150	155	185	720	1218	395	211	206	224	174	158	146
1935	147	154	235	661	1349	3822	1416	695	447	325	227	178
1936	175	166	311	1331	2602	1558	637	676	434	281	269	193
1937	176	191	280	1186	3151	1825	739	345	288	270	215	168
1938	166	175	308	1419	2370	4058	1525	465	622	539	320	223
1939	200	176	339	772	1863	1319	437	276	577	260	216	170
1940	159	158	245	685	1943	1140	339	218	424	518	265	191
1941	183	236	312	578	4365	4682	2657	800	875	1865	814	412
1942	293	261	283	1320	2452	3730	1438	548	331	237	210	176
1943	171	186	270	1426	1979	2119	870	796	467	293	280	229
1944	207	188	239	631	3416	4518	1918	507	258	313	248	193
1945	180	198	228	552	2450	2661	1158	596	266	325	259	189
1946	200	184	198	759	1102	2354	677	443	306	312	269	229
1947	197	195	225	528	2565	2765	1392	920	741	737	390	279
1948	248	228	281	1324	3439	3582	1361	557	274	283	228	177
1949	176	176	235	1104	2767	4785	2071	539	287	294	263	211
1950	214	214	253	980	1364	1822	674	261	247	222	188	178
1951	157	141	157	290	1183	1698	548	389	216	199	177	162
1952	187	207	197	1322	3287	5010	1703	617	390	272	205	179
1953	188	192	246	567	1146	2322	595	377	211	203	246	166
1954	144	148	157	709	1535	1192	780	369	365	496	253	222
1955	198	181	221	451	1451	2017	564	467	258	206	188	184
1956	190	188	296	569	1859	1757	402	257	161	162	189	153
1957	178	205	216	623	1464	5143	2998	1252	642	356	469	345
1958	295	264	287	1093	4240	3508	760	357	386	298	262	232

Average Monthly Flows (cfs)

USGS Station ID: 9361500

USGS Station Name: ANIMAS RIVER AT DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1959	206	204	216	384	1135	1580	354	382	208	341	300	203
1960	184	200	376	1395	1908	2832	830	309	265	292	248	220
1961	200	168	222	709	2295	1997	486	462	546	485	366	249
1962	209	300	277	1438	2193	2562	1239	421	292	334	293	225
1963	194	222	325	682	1800	915	423	446	484	273	215	177
1964	163	156	150	327	1860	1385	472	477	276	210	192	184
1965	190	185	218	1038	2377	3832	2698	1056	872	673	396	321
1966	291	275	440	877	2322	1751	723	388	250	224	203	212
1967	169	183	252	378	1535	1345	628	495	340	213	177	171
1968	174	188	295	532	2074	3696	945	766	256	228	207	191
1969	187	183	224	1110	2817	2198	1590	532	540	616	460	309
1970	226	220	193	355	2438	2052	964	527	1709	444	327	249
1971	252	272	349	877	1303	2175	921	440	328	392	344	274
1972	239	234	493	681	1494	1590	388	238	359	1041	550	374
1973	326	308	407	825	3449	4627	2360	692	461	288	206	192
1974	185	179	224	407	1721	1213	513	258	175	214	225	179
1975	172	158	240	625	2442	4537	3003	670	388	248	187	173
1976	174	201	244	584	1973	2170	703	387	349	307	197	170
1977	151	145	137	246	474	699	340	414	332	221	185	171
1978	172	172	244	975	1971	3459	1061	323	201	185	196	192
1979	198	201	303	1306	3623	4618	2053	660	292	215	204	188
1980	179	186	248	957	2585	5058	1401	454	454	225	217	194
1981	179	154	159	480	1104	1739	769	379	390	520	331	223
1982	206	211	271	792	2060	3041	1526	1101	1050	487	293	252
1983	224	242	346	644	2323	4058	2263	913	382	447	263	277
1984	248	264	359	776	3731	2970	1686	1019	600	587	361	269
1985	249	224	447	1818	3180	4252	1617	605	721	605	396	354
1986	290	294	524	1099	2735	3774	1959	616	803	876	652	401
1987	282	271	434	1412	3032	3915	1497	737	383	277	320	205
1988	222	260	321	666	1492	2068	669	570	598	316	231	219
1989	210	238	595	1279	1701	1276	562	492	221	260	178	129

Average Monthly Flows (cfs)

USGS Station ID: 9361500

USGS Station Name: ANIMAS RIVER AT DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1990	122	135	133	359	1514	2186	724	405	427	625	351	255
1991	223	210	247	842	2111	2138	737	402	776	257	247	209
1992	176	177	272	1055	2473	2027	932	570	417	263	244	198
1993	203	214	473	1193	3661	3879	1393	637	508	301	239	192
1994	202	173	237	580	2138	2450	486	311	491	460	350	283
1995	231	318	598	728	1631	4659	3057	1080	509	332	223	192
1996	166	180	217	554	2182	1236	494	194	298	-	-	-
1997	-	-	-	-	-	-	-	-	-	733	359	265
1998	235	213	363	668	2255	2018	1192	489	367	-	382	293
1999	235	214	310	658	2118	3416	1864	1806	1128	366	221	192
2000	190	175	236	958	2169	1155	350	271	318	-	-	-
Average	202.4	205.4	294.1	838.6	2294.3	2863.1	1209.8	586.8	459.3	412.7	286.4	221.9
Max	326	352	844	1818	4791	5846	3057	1806	1709	1865	814	412
Min	103	110	133	246	474	395	211	179	161	162	158	129

Monthly Flows (acre-feet)

USGS Station ID: 9361500
 USGS Station Name: ANIMAS RIVER AT DURANGO, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1897	-	-	-	-	-	-	-	-	-	85,222	32,906	21,521	-
1898	15,372	14,828	18,815	89,911	108,526	204,159	83,931	22,443	15,650	-	-	-	-
1899	-	-	-	-	-	-	-	-	-	18,262	15,888	9,223	-
1900	10,945	7,593	12,298	19,874	134,227	118,413	25,148	11,006	13,745	-	-	-	-
1901	-	-	-	-	-	-	-	-	-	-	-	-	-
1902	-	-	-	-	-	-	-	-	-	-	-	-	-
1903	-	-	-	-	-	-	-	-	-	-	-	-	-
1904	-	-	-	-	-	-	-	-	-	-	-	-	-
1905	-	-	-	-	-	-	-	-	-	-	-	-	-
1906	-	-	-	-	-	-	-	-	-	-	-	-	-
1907	-	-	-	-	-	-	-	-	-	-	-	-	-
1908	-	-	-	-	-	-	-	-	-	-	-	-	-
1909	-	-	-	-	-	-	-	-	-	-	-	-	-
1910	-	-	-	-	-	-	-	-	-	-	-	-	-
1911	-	-	-	-	-	-	-	-	-	-	-	-	-
1912	17,155	14,150	17,770	37,547	223,261	212,073	107,726	43,472	22,017	18,754	16,661	11,068	741,700
1913	9,223	8,664	11,929	46,830	134,412	122,400	49,620	23,919	33,382	29,576	17,256	13,835	501,000
1914	12,851	10,330	29,944	59,683	194,731	269,375	132,075	40,274	22,374	40,028	20,112	12,420	844,200
1915	12,298	9,386	17,831	71,405	138,224	203,683	104,652	33,757	22,255	20,229	15,947	13,097	662,800
1916	12,359	13,575	51,896	83,365	180,712	255,332	113,998	85,837	27,907	102,746	32,549	20,045	980,300
1917	19,553	16,328	20,045	55,279	122,114	347,861	179,482	46,915	25,646	22,873	13,388	8,793	878,300
1918	9,223	8,331	15,864	32,549	116,335	166,909	55,031	36,216	45,580	18,569	14,162	13,958	532,700
1919	11,744	10,663	16,663	75,927	211,579	149,296	98,688	47,100	31,002	20,291	16,780	17,278	707,000
1920	18,446	20,247	26,809	49,924	294,587	322,215	132,075	47,038	24,456	24,226	21,660	16,909	998,600
1921	13,527	12,662	29,022	49,805	155,318	333,937	134,658	85,468	38,678	18,631	14,460	14,880	901,000
1922	13,158	12,774	19,922	50,638	228,058	284,608	82,393	35,294	17,970	13,281	13,567	12,728	784,400
1923	9,592	10,385	18,262	41,355	164,479	200,945	89,772	58,844	36,595	34,433	21,957	14,142	700,800
1924	11,990	13,115	13,835	61,408	153,780	143,524	44,148	18,323	13,210	14,388	12,436	10,945	511,100
1925	9,408	10,219	17,401	36,536	127,587	124,602	69,358	35,724	79,260	-	-	-	-
1926	13,589	12,607	15,925	-	156,240	-	-	-	21,243	22,320	15,114	14,941	-
1927	-	-	-	-	-	-	-	-	-	43,964	27,015	17,831	-
1928	16,909	15,588	21,582	39,213	141,237	129,600	60,258	26,686	19,993	18,446	18,565	14,696	522,800
1929	13,527	10,885	15,741	51,114	163,680	199,398	93,953	92,231	78,248	38,614	18,803	13,158	789,400
1930	11,252	13,051	16,540	65,693	100,225	146,142	50,727	48,760	19,101	16,971	12,139	10,453	511,100
1931	9,715	7,498	8,608	15,114	56,999	81,402	30,067	21,767	20,172	24,718	11,901	11,683	299,600
1932	11,068	11,101	22,689	72,179	195,100	197,554	98,503	59,889	25,230	16,602	13,448	10,022	733,400
1933	6,333	6,109	12,789	21,064	79,503	167,326	52,633	20,475	25,408	18,323	11,306	10,699	432,000

Monthly Flows (acre-feet)

USGS Station ID: 9361500
 USGS Station Name: ANIMAS RIVER AT DURANGO, CO.
 Watershed: ANIMAS

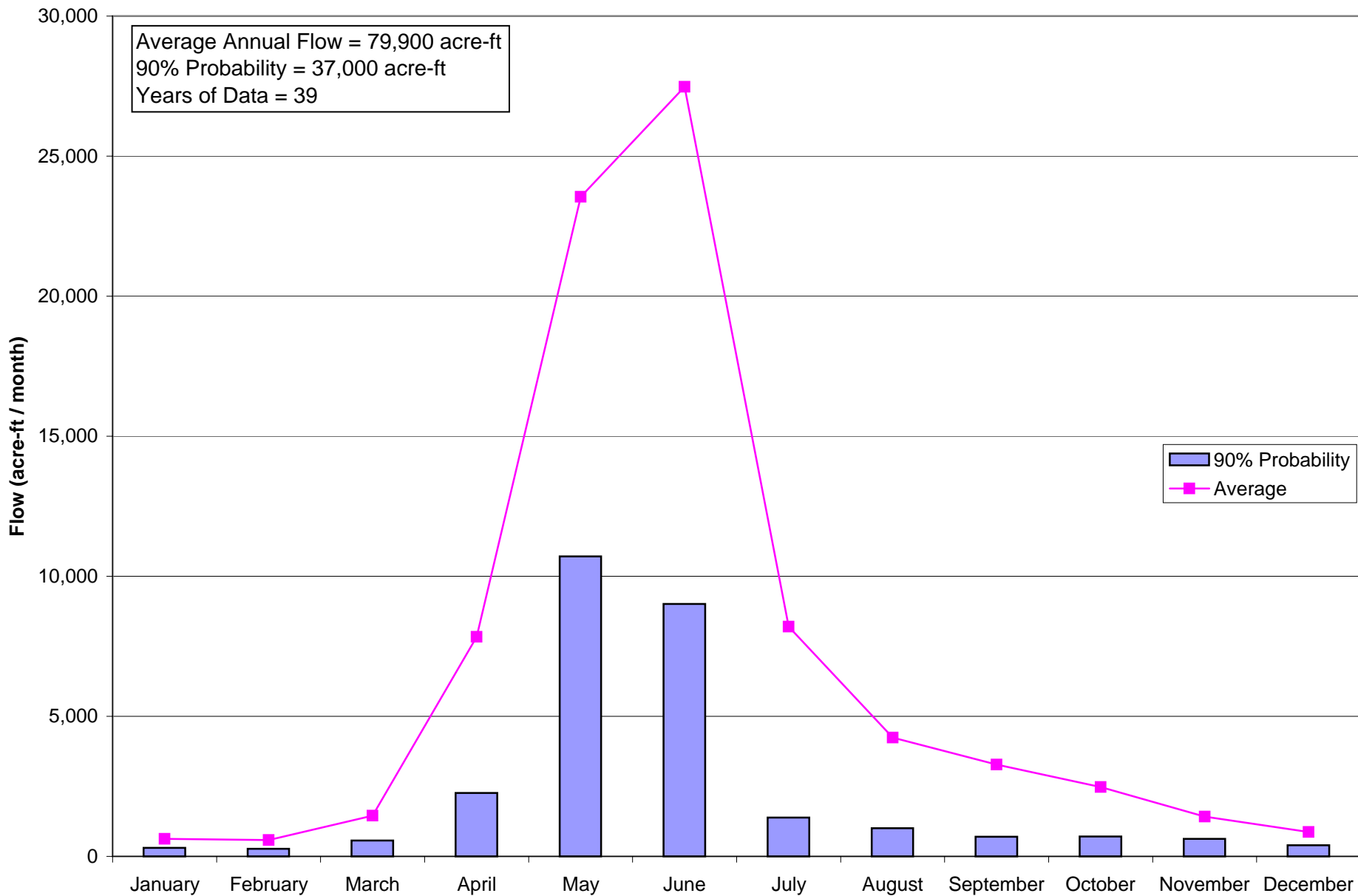
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1934	9,223	8,608	11,375	42,843	74,892	23,504	12,974	12,666	13,329	10,699	9,402	8,977	238,500
1935	9,039	8,553	14,450	39,332	82,947	227,425	87,066	42,734	26,598	19,983	13,507	10,945	582,600
1936	10,760	9,548	19,123	79,200	159,991	92,707	39,168	41,566	25,825	17,278	16,007	11,867	523,000
1937	10,822	10,608	17,217	70,572	193,747	108,595	45,439	21,213	17,137	16,602	12,793	10,330	535,100
1938	10,207	9,719	18,938	84,436	145,726	241,468	93,769	28,592	37,012	33,142	19,041	13,712	735,800
1939	12,298	9,775	20,844	45,937	114,551	78,486	26,870	16,971	34,334	15,987	12,853	10,453	399,400
1940	9,777	9,088	15,064	40,760	119,470	67,835	20,844	13,404	25,230	31,851	15,769	11,744	380,800
1941	11,252	13,107	19,184	34,393	268,393	278,598	163,373	49,190	52,066	114,674	48,436	25,333	1,078,000
1942	18,016	14,495	17,401	78,545	150,768	221,950	88,419	33,695	19,696	14,573	12,496	10,822	680,900
1943	10,514	10,330	16,602	84,853	121,684	126,089	53,494	48,944	27,788	18,016	16,661	14,081	549,100
1944	12,728	10,814	14,696	37,547	210,042	268,840	117,933	31,174	15,352	19,246	14,757	11,867	765,000
1945	11,068	10,996	14,019	32,846	150,645	158,340	71,203	36,647	15,828	19,983	15,412	11,621	548,600
1946	12,298	10,219	12,175	45,164	67,759	140,073	41,627	27,239	18,208	19,184	16,007	14,081	424,000
1947	12,113	10,830	13,835	31,418	157,716	164,529	85,591	56,569	44,093	45,316	23,207	17,155	662,400
1948	15,249	13,115	17,278	78,783	211,456	213,144	83,685	34,249	16,304	17,401	13,567	10,883	725,100
1949	10,822	9,775	14,450	65,693	170,136	284,727	127,341	33,142	17,078	18,077	15,650	12,974	779,900
1950	13,158	11,885	15,556	58,314	83,869	108,417	41,443	16,048	14,698	13,650	11,187	10,945	399,200
1951	9,654	7,831	9,654	17,256	72,740	101,038	33,695	23,919	12,853	12,236	10,532	9,961	321,400
1952	11,498	11,907	12,113	78,664	202,110	298,116	104,713	37,938	23,207	16,725	12,198	11,006	820,200
1953	11,560	10,663	15,126	33,739	70,465	138,169	36,585	23,181	12,555	12,482	14,638	10,207	389,400
1954	8,854	8,220	9,654	42,188	94,383	70,929	47,960	22,689	21,719	30,498	15,055	13,650	385,800
1955	12,175	10,052	13,589	26,836	89,219	120,020	34,679	28,715	15,352	12,666	11,187	11,314	385,800
1956	11,683	10,814	18,200	33,858	114,305	104,549	24,718	15,802	9,580	9,961	11,246	9,408	374,100
1957	10,945	11,385	13,281	37,071	90,018	306,030	184,340	76,982	38,202	21,890	27,907	21,213	839,300
1958	18,139	14,662	17,647	65,038	260,707	208,740	46,731	21,951	22,969	18,323	15,590	14,265	724,800
1959	12,666	11,330	13,281	22,850	69,788	94,017	21,767	23,488	12,377	20,967	17,851	12,482	332,900
1960	11,314	11,504	23,119	83,008	117,318	168,516	51,035	19,000	15,769	17,954	14,757	13,527	546,800
1961	12,298	9,330	13,650	42,188	141,114	118,830	29,883	28,407	32,489	29,821	21,779	15,310	495,100
1962	12,851	16,661	17,032	85,567	134,842	152,450	76,183	25,886	17,375	20,537	17,435	13,835	590,700
1963	11,929	12,329	19,983	40,582	110,678	54,446	26,009	27,423	28,800	16,786	12,793	10,883	372,600
1964	10,022	8,973	9,223	19,458	114,367	82,413	29,022	29,330	16,423	12,912	11,425	11,314	354,900
1965	11,683	10,274	13,404	61,765	146,156	228,020	165,894	64,931	51,888	41,381	23,564	19,738	838,700
1966	17,893	15,273	27,055	52,185	142,774	104,192	44,456	23,857	14,876	13,773	12,079	13,035	481,400
1967	10,391	10,163	15,495	22,493	94,383	80,033	38,614	30,436	20,231	13,097	10,532	10,514	356,400
1968	10,699	10,814	18,139	31,656	127,525	219,927	58,106	47,100	15,233	14,019	12,317	11,744	577,300
1969	11,498	10,163	13,773	66,050	173,211	130,790	97,765	32,711	32,132	37,876	27,372	19,000	652,300
1970	13,896	12,218	11,867	21,124	149,907	122,102	59,274	32,404	101,693	27,300	19,458	15,310	586,600

Monthly Flows (acre-feet)

USGS Station ID: 9361500
 USGS Station Name: ANIMAS RIVER AT DURANGO, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1971	15,495	15,106	21,459	52,185	80,118	129,421	56,630	27,055	19,517	24,103	20,469	16,848	478,400
1972	14,696	13,460	30,313	40,522	91,862	94,612	23,857	14,634	21,362	64,009	32,727	22,996	465,100
1973	20,045	17,105	25,025	49,091	212,071	275,326	145,111	42,549	27,431	17,708	12,258	11,806	855,500
1974	11,375	9,941	13,773	24,218	105,820	72,179	31,543	15,864	10,413	13,158	13,388	11,006	332,700
1975	10,576	8,775	14,757	37,190	150,153	269,970	184,647	41,197	23,088	15,249	11,127	10,637	777,400
1976	10,699	11,562	15,003	34,750	121,315	129,124	43,226	23,796	20,767	18,877	11,722	10,453	451,300
1977	9,285	8,053	8,424	14,638	29,145	41,593	20,906	25,456	19,755	13,589	11,008	10,514	212,400
1978	10,576	9,552	15,003	58,017	121,192	205,825	65,238	19,860	11,960	11,375	11,663	11,806	552,100
1979	12,175	11,163	18,631	77,712	222,770	274,790	126,234	40,582	17,375	13,220	12,139	11,560	838,400
1980	11,006	10,699	15,249	56,945	158,945	300,972	86,144	27,915	27,015	13,835	12,912	11,929	733,600
1981	11,006	8,553	9,777	28,562	67,882	103,478	47,284	23,304	23,207	31,974	19,696	13,712	388,400
1982	12,666	11,718	16,663	47,127	126,664	180,952	93,830	67,698	62,479	29,944	17,435	15,495	682,700
1983	13,773	13,440	21,275	38,321	142,836	241,468	139,146	56,138	22,731	27,485	15,650	17,032	749,300
1984	15,249	15,185	22,074	46,175	229,410	176,727	103,668	62,656	35,702	36,093	21,481	16,540	781,000
1985	15,310	12,440	27,485	108,179	195,531	253,012	99,425	37,200	42,902	37,200	23,564	21,767	874,000
1986	17,831	16,328	32,220	65,395	168,169	224,569	120,454	37,876	47,782	53,863	38,797	24,657	847,900
1987	17,340	15,051	26,686	84,020	186,430	232,959	92,047	45,316	22,790	17,032	19,041	12,605	771,300
1988	13,650	14,955	19,738	39,630	91,740	123,055	41,135	35,048	35,583	19,430	13,745	13,466	461,200
1989	12,912	13,218	36,585	76,106	104,590	75,927	34,556	30,252	13,150	15,987	10,592	7,932	431,800
1990	7,501	7,498	8,178	21,362	93,092	130,076	44,517	24,902	25,408	38,430	20,886	15,679	437,500
1991	13,712	11,663	15,187	50,102	129,800	127,220	45,316	24,718	46,175	15,802	14,698	12,851	507,200
1992	10,822	10,181	16,725	62,777	152,059	120,615	57,306	35,048	24,813	16,171	14,519	12,175	533,200
1993	12,482	11,885	29,084	70,988	225,106	230,817	85,652	39,168	30,228	18,508	14,221	11,806	779,900
1994	12,420	9,608	14,573	34,512	131,460	145,785	29,883	19,123	29,217	28,284	20,826	17,401	493,100
1995	14,204	17,661	36,770	43,319	100,286	277,230	187,968	66,407	30,288	20,414	13,269	11,806	819,600
1996	10,207	10,354	13,343	32,965	134,166	73,547	30,375	11,929	17,732	-	-	-	-
1997	-	-	-	-	-	-	-	-	-	45,070	21,362	16,294	-
1998	14,450	11,829	22,320	39,749	138,655	120,079	73,293	30,067	21,838	-	22,731	18,016	-
1999	14,450	11,885	19,061	39,154	130,231	203,266	114,613	111,047	67,121	22,504	13,150	11,806	758,300
2000	11,683	10,066	14,511	57,005	133,367	68,727	21,521	16,663	18,922	-	-	-	-
Average	12,447	11,517	18,085	49,902	141,074	170,365	74,387	36,081	27,328	25,375	17,040	13,641	603,400
90% Probability	9,555	8,553	11,917	22,743	79,995	77,718	26,612	16,879	13,662	13,195	11,288	10,416	372,800

Average Monthly Flow
USGS Station: 9363000
Florida River near Durango, CO
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9363000

USGS Station Name: FLORIDA RIVER NEAR DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1910	-	-	-	-	-	-	-	-	-	33.5	31.7	24.9
1911	19.1	20	63.4	213	508	637	388	76.8	71.7	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	1189	428	70.7	34.8	20.3	11.7	7
1918	5	5	42	72	293	239	98	46	69.2	26	18	13
1919	7.42	6.03	11.8	186	537	392	293	133	71.8	44.7	33.4	55.9
1920	35.5	44.4	52.4	188	813	892	247	52.1	24.4	22.8	24.4	19.2
1921	12.4	17.4	50.3	105	452	945	306	224	89.4	35.9	22.4	10.6
1922	9.37	13.2	28.9	156	800	1405	143	108	30.1	11.3	10.9	13.5
1923	16.6	19.8	24.1	148	607	913	200	150	80	106	65.5	38.7
1924	31.7	27.6	28.9	159	407	328	78.8	23.7	14.4	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	55	35	25
1927	15	15	25	173	591	467	176	78.9	400	75.3	45.5	20
1928	15	15	30	84.6	330	285	51.5	30.7	26.9	22.3	18.9	13
1929	11	10	15	147	437	418	128	296	225	76.1	31.6	10
1930	6	9	18	141	256	324	130	120	21.5	18.8	11.3	8
1931	5	5	9	37.1	173	247	66	42.6	57.6	65.5	20.8	15
1932	8	15	48.6	232	531	537	154	156	50.9	26.5	15	10
1933	5.5	7	11	30.6	146	422	111	31.6	41.1	44.8	14.3	8
1934	6	6	19	140	157	21.4	11.1	14.7	19.7	21.2	10.8	9
1935	7	7	25.6	144	249	761	208	136	75.3	45.8	18.1	10
1936	7	7.2	33.8	186	461	184	51.4	113	71.9	33.6	30.9	15
1937	10	8	24.5	268	513	276	84.4	34.3	30.5	25.4	14	9
1938	7	9	28.7	231	399	595	135	36.4	143	70.8	29.9	14.8
1939	10.6	5.77	27.6	96.7	277	95.3	14.7	16.3	91.5	25.9	16.1	7.37
1940	5.77	5.69	22.1	94.5	284	83.6	29.7	16.4	66.9	89.2	26.4	17

Average Monthly Flows (cfs)

USGS Station ID: 9363000

USGS Station Name: FLORIDA RIVER NEAR DURANGO, CO.

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1941	9	16	34.8	109	648	763	419	88.5	132	245	102	44.6
1942	24	14	25.8	223	387	543	88.8	24.5	21.3	13.8	14.1	8.72
1943	8.29	9.5	21.5	194	351	249	53.6	70.3	26.6	22.1	18.5	12.1
1944	7.94	7.38	13.1	77.8	463	621	161	23.2	12.8	24.6	21.9	10
1945	6	5.5	10.9	89.2	411	394	94.6	41.4	11.7	36.1	18.7	6.77
1946	3.81	3.92	11.2	62.3	142	284	32.3	28.9	18.5	37.1	24.1	15.2
1947	7.31	9.88	15.7	45.8	335	323	74	138	77.7	60.9	33.6	17.6
1948	11.8	8.93	18.3	214	578	586	113	38.2	12.4	23.5	12.8	7.32
1949	9.05	6.36	18.8	154	412	797	234	36.9	13.6	21.4	22.8	14.2
1950	12.1	9.36	20.1	138	257	157	33.6	5.34	11.8	18.7	6.5	4.71
1951	4	4.1	8.85	18.8	169	198	20.7	29.1	13.9	8.5	7.19	5.84
1952	5.14	5.4	9.91	185	433	749	158	45.4	27.5	15.8	10.4	6.39
1953	5.48	5.89	12.6	58.1	185	245	43.2	25.7	3.98	7.28	18.7	8.33
1954	6.99	6.87	9.19	90.3	261	129	97.6	43.1	43.6	56.9	12.4	7.51
1955	5.34	4.83	7.12	37	201	239	33.5	77.9	17.1	4.73	3.47	5.92
1956	7.48	7.55	25	57.8	311	150	12	5.69	0.23	1.15	4.15	1.88
1957	1.56	2	10.1	81.9	187	746	416	178	69	29.4	58.5	27
1958	17	16	24.5	210	607	500	46.9	22.3	35.6	18.7	14.7	7
1959	5	4	7	28.4	194	161	14	27.2	7.82	46.9	40.2	12
1960	11	10	45.5	225	329	362	53.8	11.4	6.58	-	-	-
Average	10.1	10.4	23.6	131.7	382.9	461.7	133.3	69	55.1	40.2	23.8	14.2
Max	35.5	44.4	63.4	268	813	1405	428	296	400	245	102	55.9
Min	1.6	2	7	18.8	142	21.4	11.1	5.3	0.2	1.2	3.5	1.9

Monthly Flows (acre-feet)

USGS Station ID: 9363000
 USGS Station Name: FLORIDA RIVER NEAR DURANGO, CO.
 Watershed: ANIMAS

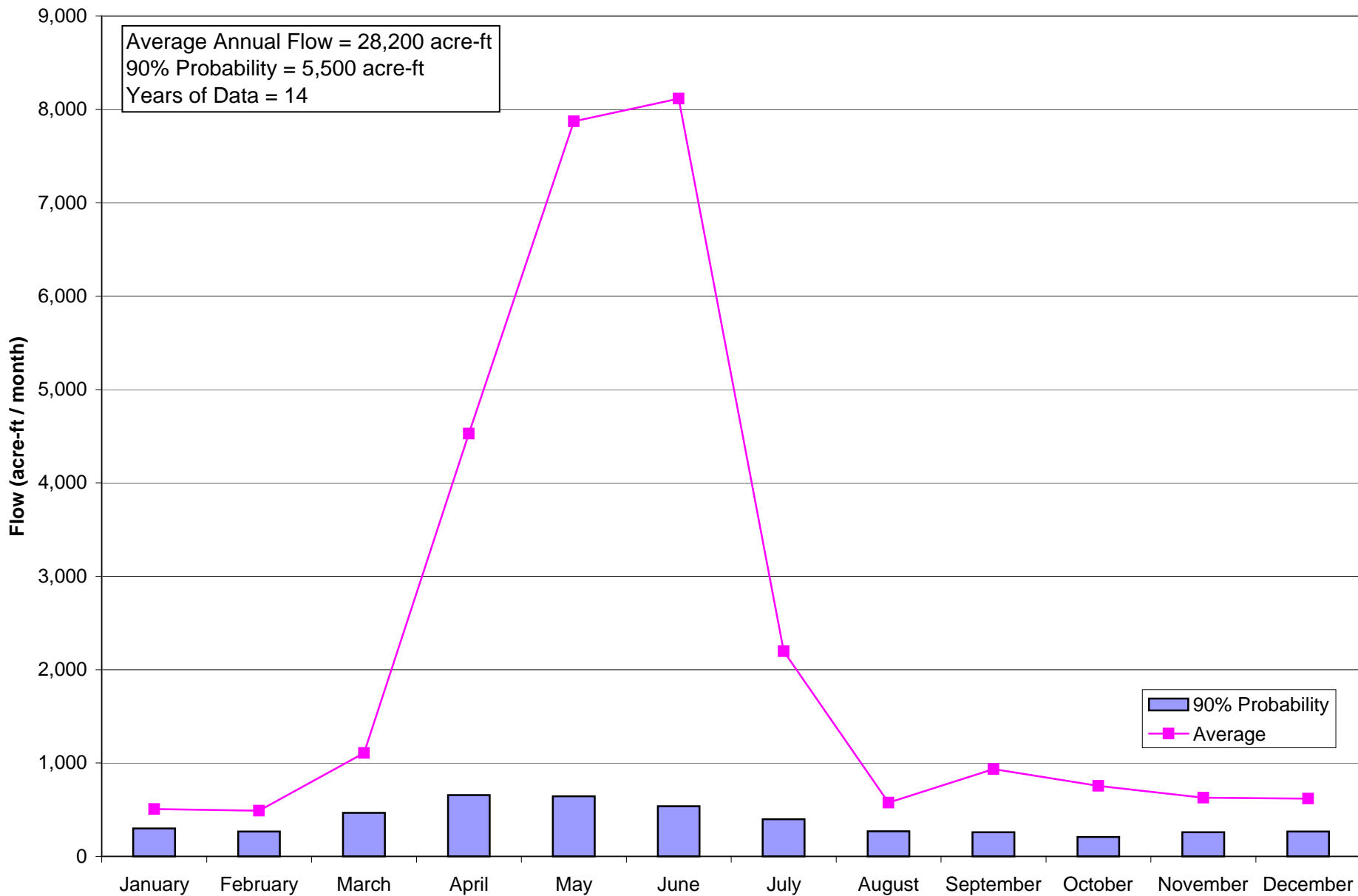
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1910	-	-	-	-	-	-	-	-	-	2,060	1,886	1,531	-
1911	1,174	1,111	3,898	12,674	31,236	37,904	23,857	4,722	4,266	-	-	-	-
1912	-	-	-	-	-	-	-	-	-	-	-	-	-
1913	-	-	-	-	-	-	-	-	-	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	70,750	26,317	4,347	2,071	1,248	696	430	-
1918	307	278	2,582	4,284	18,016	14,221	6,026	2,828	4,118	1,599	1,071	799	56,100
1919	456	335	726	11,068	33,019	23,326	18,016	8,178	4,272	2,748	1,987	3,437	107,600
1920	2,183	2,554	3,222	11,187	49,989	53,078	15,187	3,204	1,452	1,402	1,452	1,181	146,100
1921	762	966	3,093	6,248	27,792	56,231	18,815	13,773	5,320	2,207	1,333	652	137,200
1922	576	733	1,777	9,283	49,190	83,603	8,793	6,641	1,791	695	649	830	164,600
1923	1,021	1,100	1,482	8,807	37,323	54,327	12,298	9,223	4,760	6,518	3,898	2,380	143,100
1924	1,949	1,588	1,777	9,461	25,025	19,517	4,845	1,457	857	-	-	-	-
1925	-	-	-	-	-	-	-	-	-	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	3,382	2,083	1,537	-
1927	922	833	1,537	10,294	36,339	27,788	10,822	4,851	23,802	4,630	2,707	1,230	125,800
1928	922	863	1,845	5,034	20,291	16,959	3,167	1,888	1,601	1,371	1,125	799	55,900
1929	676	555	922	8,747	26,870	24,873	7,870	18,200	13,388	4,679	1,880	615	109,300
1930	369	500	1,107	8,390	15,741	19,279	7,993	7,379	1,279	1,156	672	492	64,400
1931	307	278	553	2,208	10,637	14,698	4,058	2,619	3,427	4,027	1,238	922	45,000
1932	492	863	2,988	13,805	32,650	31,954	9,469	9,592	3,029	1,629	893	615	108,000
1933	338	389	676	1,821	8,977	25,111	6,825	1,943	2,446	2,755	851	492	52,600
1934	369	333	1,168	8,331	9,654	1,273	683	904	1,172	1,304	643	553	26,400
1935	430	389	1,574	8,569	15,310	45,283	12,789	8,362	4,481	2,816	1,077	615	101,700
1936	430	414	2,078	11,068	28,346	10,949	3,160	6,948	4,278	2,066	1,839	922	72,500
1937	615	444	1,506	15,947	31,543	16,423	5,190	2,109	1,815	1,562	833	553	78,500
1938	430	500	1,765	13,745	24,534	35,405	8,301	2,238	8,509	4,353	1,779	910	102,500
1939	652	320	1,697	5,754	17,032	5,671	904	1,002	5,445	1,593	958	453	41,500
1940	355	327	1,359	5,623	17,462	4,975	1,826	1,008	3,981	5,485	1,571	1,045	45,000
1941	553	889	2,140	6,486	39,844	45,402	25,763	5,442	7,855	15,064	6,069	2,742	158,200
1942	1,476	778	1,586	13,269	23,796	32,311	5,460	1,506	1,267	849	839	536	83,700
1943	510	528	1,322	11,544	21,582	14,817	3,296	4,323	1,583	1,359	1,101	744	62,700
1944	488	425	805	4,629	28,469	36,952	9,900	1,427	762	1,513	1,303	615	87,300
1945	369	305	670	5,308	25,271	23,445	5,817	2,546	696	2,220	1,113	416	68,200
1946	234	218	689	3,707	8,731	16,899	1,986	1,777	1,101	2,281	1,434	935	40,000

Monthly Flows (acre-feet)

USGS Station ID: 9363000
 USGS Station Name: FLORIDA RIVER NEAR DURANGO, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1947	449	549	965	2,725	20,598	19,220	4,550	8,485	4,623	3,745	1,999	1,082	69,000
1948	726	514	1,125	12,734	35,540	34,869	6,948	2,349	738	1,445	762	450	98,200
1949	556	353	1,156	9,164	25,333	47,425	14,388	2,269	809	1,316	1,357	873	105,000
1950	744	520	1,236	8,212	15,802	9,342	2,066	328	702	1,150	387	290	40,800
1951	246	228	544	1,119	10,391	11,782	1,273	1,789	827	523	428	359	29,500
1952	316	311	609	11,008	26,624	44,569	9,715	2,792	1,636	972	619	393	99,600
1953	337	327	775	3,457	11,375	14,579	2,656	1,580	237	448	1,113	512	37,400
1954	430	382	565	5,373	16,048	7,676	6,001	2,650	2,594	3,499	738	462	46,400
1955	328	268	438	2,202	12,359	14,221	2,060	4,790	1,018	291	206	364	38,500
1956	460	434	1,537	3,439	19,123	8,926	738	350	14	71	247	116	35,500
1957	96	111	621	4,873	11,498	44,390	25,579	10,945	4,106	1,808	3,481	1,660	109,200
1958	1,045	889	1,506	12,496	37,323	29,752	2,884	1,371	2,118	1,150	875	430	91,800
1959	307	222	430	1,690	11,929	9,580	861	1,672	465	2,884	2,392	738	33,200
1960	676	575	2,798	13,388	20,229	21,540	3,308	701	392	-	-	-	-
Average	621	583	1,449	7,837	23,544	27,472	8,197	4,244	3,281	2,473	1,419	874	79,900
90% Probablility	307	269	569	2,260	10,711	9,009	1,384	1,003	697	710	621	395	37,000

Average Monthly Flow
USGS Station: 9363050
Florida River Below Flor Farmers Ditch near Durango, CO
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9363050

USGS Station Name: FLORIDA R BL FLOR FARMERS DITCH, NR DURANGO, CO.

Watershed: ANIMAS

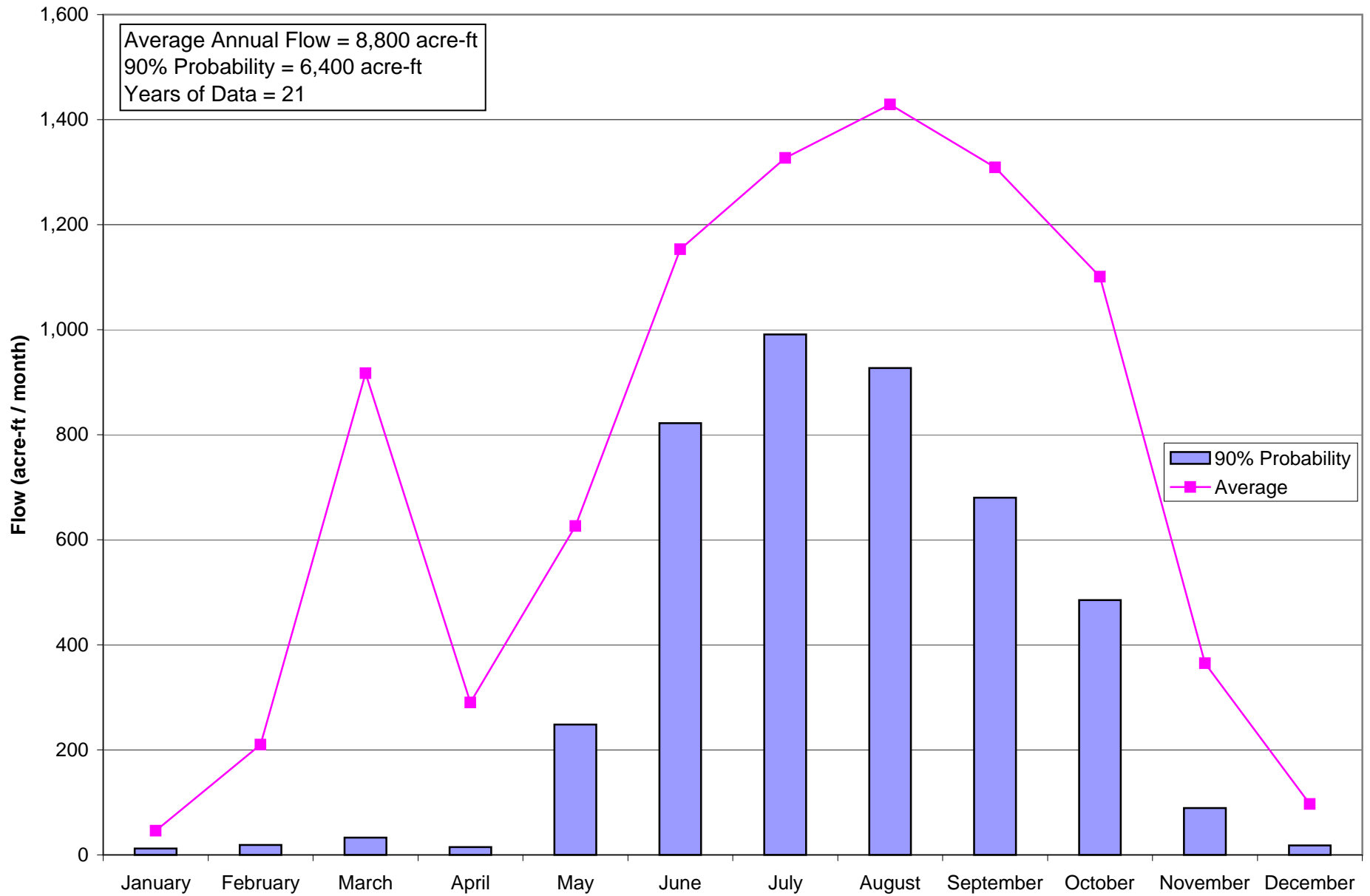
Year	January	February	March	April	May	June	July	August	September	October	November	December
1967	-	-	-	-	-	-	-	-	-	6.88	3.95	4.77
1968	6.16	7.99	13.2	26.8	26.3	119	11.9	31.4	13.1	3.04	5.02	5.82
1969	5.57	7.38	43.6	187	53.3	160	47.8	10.2	8.51	66.9	11.6	10.3
1970	9.37	10.5	10.3	17.6	150	36.2	9.94	8.93	68.5	31	42.4	40
1971	15.8	12	9.54	12.4	11.8	16.4	11	10.4	7.58	5.3	9.69	13.4
1972	11	9.27	12.4	14.3	20.5	9.91	9.47	9.6	3.96	22.3	18.4	20.7
1973	18.2	17.8	47.4	239	595	315	132	9.1	8.83	6.58	9.09	6.98
1974	7.47	7.39	11.5	10.1	22.7	8.4	6.27	10.2	6.81	5.78	9.92	5.92
1975	7.45	8.09	17.4	84.9	119	303	129	9.03	5.82	4.04	7.95	7.96
1976	7.79	9.56	18.1	20.3	27.8	25.5	7.03	8.16	8.99	7.85	6.42	4.32
1977	3.96	4.1	4.64	2.92	4.57	5.41	5	4.29	4.6	2.31	4	4.38
1978	5.47	6.56	15.3	33.1	19.9	15.5	7.27	6.26	4.15	3.84	9.02	7.65
1979	8.71	10.5	25.3	216	361	517	110	4.08	5.78	6.09	8.72	6.27
1980	7.12	10.6	18.8	221	360	333	16.5	9.68	7	7.8	7.36	8.05
1981	4.6	3.22	6.27	15.1	9.58	13.2	6.72	4.5	6.55	4.72	4.82	4.2
1982	5.22	5.81	16	40.7	139	168	26.3	4.54	75.4	-	-	-
Average	8.3	8.7	18	76.1	128	136.4	35.7	9.4	15.7	12.3	10.6	10
Max	18.2	17.8	47.4	239	595	517	132	31.4	75.4	66.9	42.4	40
Min	4	3.2	4.6	2.9	4.6	5.4	5	4.1	4	2.3	4	4.2

Monthly Flows (acre-feet)

USGS Station ID: 9363050
 USGS Station Name: FLORIDA R BL FLOR FARMERS DITCH, NR DURANGO, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1967	-	-	-	-	-	-	-	-	-	423	235	293	-
1968	379	460	812	1,595	1,617	7,081	732	1,931	780	187	299	358	16,200
1969	342	410	2,681	11,127	3,277	9,521	2,939	627	506	4,114	690	633	36,900
1970	576	583	633	1,047	9,223	2,154	611	549	4,076	1,906	2,523	2,460	26,300
1971	972	666	587	738	726	976	676	639	451	326	577	824	8,200
1972	676	533	762	851	1,260	590	582	590	236	1,371	1,095	1,273	9,800
1973	1,119	989	2,915	14,221	36,585	18,744	8,116	560	525	405	541	429	85,100
1974	459	410	707	601	1,396	500	386	627	405	355	590	364	6,800
1975	458	449	1,070	5,052	7,317	18,030	7,932	555	346	248	473	489	42,400
1976	479	550	1,113	1,208	1,709	1,517	432	502	535	483	382	266	9,200
1977	243	228	285	174	281	322	307	264	274	142	238	269	3,000
1978	336	364	941	1,970	1,224	922	447	385	247	236	537	470	8,100
1979	536	583	1,556	12,853	22,197	30,764	6,764	251	344	374	519	386	77,100
1980	438	610	1,156	13,150	22,136	19,815	1,015	595	417	480	438	495	60,700
1981	283	179	386	899	589	785	413	277	390	290	287	258	5,000
1982	321	323	984	2,422	8,547	9,997	1,617	279	4,487	-	-	-	-
Average	508	489	1,106	4,527	7,872	8,115	2,198	575	935	756	628	618	28,200
90% Probablility	298	266	466	656	644	536	397	269	258	207	258	267	5,500

Average Monthly Flow
USGS Station: 9363100
Salt Creek near Oxford, CO
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9363100

USGS Station Name: SALT CREEK NEAR OXFORD, CO.

Watershed: ANIMAS

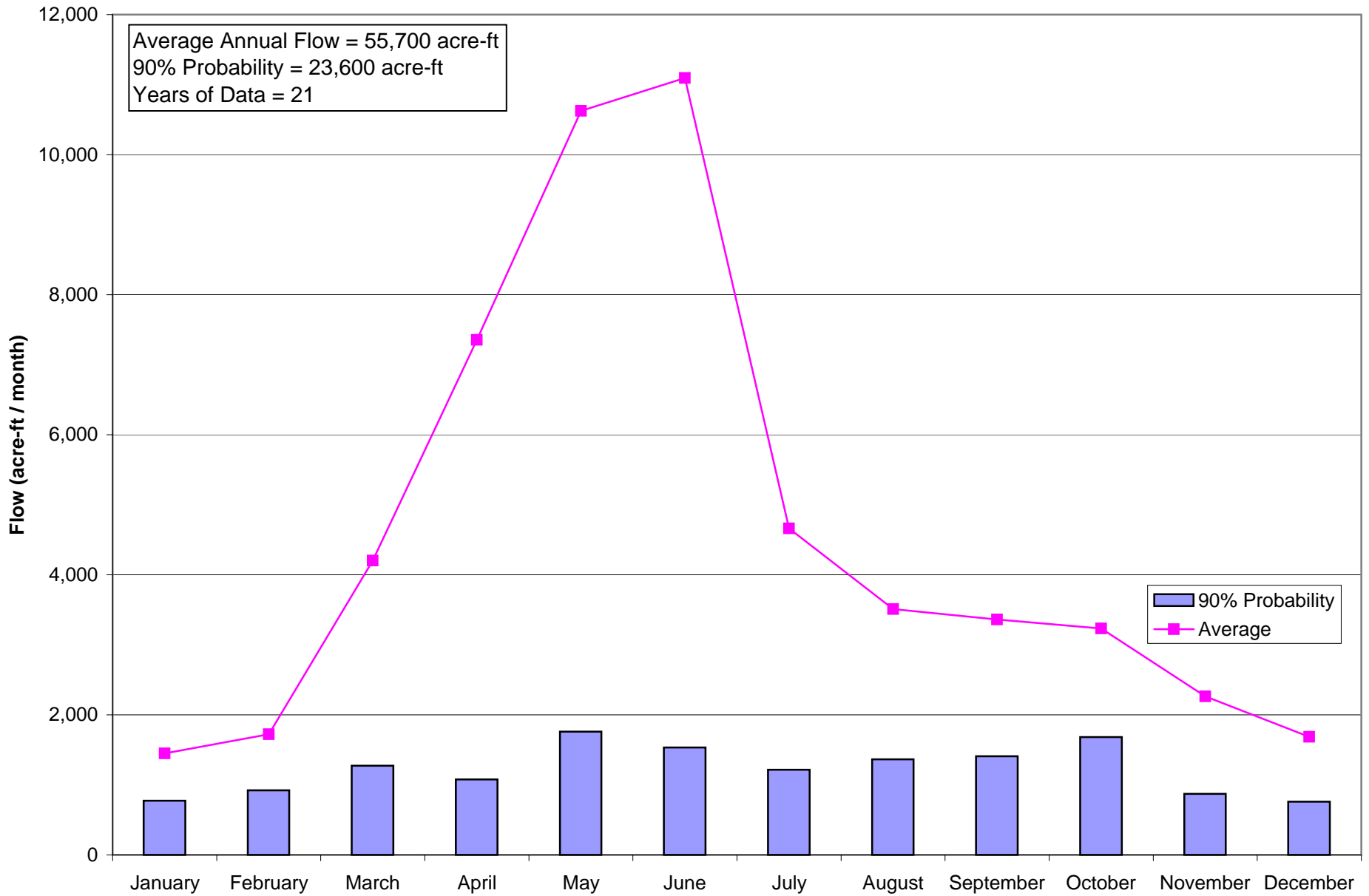
Year	January	February	March	April	May	June	July	August	September	October	November	December
1956	-	-	-	-	-	-	-	-	-	22.5	2.79	0.73
1957	2.27	16.4	8.88	0.6	2.47	10.5	27.7	29.9	20.2	30.1	18	4.46
1958	0.9	15	17.2	1.85	5.23	16.9	17	21.6	17.4	19	1.41	0.35
1959	0.15	0.85	0.55	1.34	10.8	16.3	8.89	14.8	10.5	16.4	5.75	0.8
1960	0.19	0.12	39.8	0.33	12	22.7	21	21.8	22.9	20.5	3.02	0.28
1961	0.23	3.12	8.59	1.68	9.62	20.8	24.5	33.2	16	20.4	12.7	3.6
1962	0.3	4.25	1.83	0.27	10.8	21.9	23.6	24.1	26.9	17.5	4	1.79
1963	0.3	8.67	3.25	0.26	12.1	18	23.3	23.8	21.2	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	18	5.24	0.76
1968	0.31	3.25	5.95	0.98	13.9	20.5	25.3	29.4	24.9	23.7	7.02	1.42
1969	2.76	1.02	23.4	1.49	15.1	28.3	33.8	24.5	35	19.8	5.07	1.17
1970	0.22	0.77	1.21	1.18	13.4	30.9	19.5	25.1	32	24.9	9.83	4.16
1971	0.89	1.74	0.53	0.71	19.5	19.8	19.7	21.6	17.8	13.7	13.3	5.38
1972	0.74	1.18	0.26	1.13	15.5	16.5	15.9	12.4	11.2	38.8	8.27	1.76
1973	1.28	3.06	53.6	15.5	3.91	23.9	23.9	28.8	27	6.66	4.68	0.77
1974	0.46	0.42	9.2	0.35	11.8	20.6	23.3	16.2	12.4	7.81	2.04	0.47
1975	0.31	0.34	40.4	13.9	9.12	18.4	20.5	21.2	30.3	17.5	1.45	0.69
1976	0.27	6.44	1.01	0.22	17.3	20.1	25.3	28	29.9	12	3.47	0.28
1977	0.2	0.44	0.42	0.11	7.21	4.29	4.12	0.26	1.08	0.67	0.31	0.044
1978	0.099	0.2	22.1	0.8	2.58	17	21.8	23.8	21.7	8.24	6.78	0.88
1979	0.74	1.03	29.8	40.5	9.7	24	24.7	30.7	23.8	19	1.67	0.75
1980	1.84	10.8	42.3	27	4.54	16.6	20.3	22.2	29.9	21.3	7.49	1.89
1981	0.9	0.38	1.93	0.41	7.57	13.2	21	17.7	20.9	18.7	10.8	0.92
1982	0.69	2.02	17.9	0.46	11.1	18.9	23.1	30.9	28.2	14.6	6.16	3.08
1983	1.29	4.75	12.7	0.99	8.81	25.4	28.3	32.6	24.8	-	-	-
Average	0.8	3.8	14.9	4.9	10.2	19.4	21.6	23.2	22	17.9	6.1	1.6
Max	2.8	16.4	53.6	40.5	19.5	30.9	33.8	33.2	35	38.8	18	5.4
Min	0.1	0.1	0.3	0.1	2.5	4.3	4.1	0.3	1.1	0.7	0.3	0

Monthly Flows (acre-feet)

USGS Station ID: 9363100
 USGS Station Name: SALT CREEK NEAR OXFORD, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1956	-	-	-	-	-	-	-	-	-	1,383	166	45	-
1957	140	911	546	36	152	625	1,703	1,838	1,202	1,851	1,071	274	10,300
1958	55	833	1,058	110	322	1,006	1,045	1,328	1,035	1,168	84	22	8,100
1959	9	47	34	80	664	970	547	910	625	1,008	342	49	5,300
1960	12	7	2,447	20	738	1,351	1,291	1,340	1,363	1,260	180	17	10,000
1961	14	173	528	100	592	1,238	1,506	2,041	952	1,254	756	221	9,400
1962	18	236	113	16	664	1,303	1,451	1,482	1,601	1,076	238	110	8,300
1963	18	482	200	15	744	1,071	1,433	1,463	1,261	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	1,107	312	47	-
1968	19	187	366	58	855	1,220	1,556	1,808	1,482	1,457	418	87	9,500
1969	170	57	1,439	89	928	1,684	2,078	1,506	2,083	1,217	302	72	11,600
1970	14	43	74	70	824	1,839	1,199	1,543	1,904	1,531	585	256	9,900
1971	55	97	33	42	1,199	1,178	1,211	1,328	1,059	842	791	331	8,200
1972	46	68	16	67	953	982	978	762	666	2,386	492	108	7,500
1973	79	170	3,296	922	240	1,422	1,470	1,771	1,607	410	278	47	11,700
1974	28	23	566	21	726	1,226	1,433	996	738	480	121	29	6,400
1975	19	19	2,484	827	561	1,095	1,260	1,304	1,803	1,076	86	42	10,600
1976	17	370	62	13	1,064	1,196	1,556	1,722	1,779	738	206	17	8,700
1977	12	24	26	7	443	255	253	16	64	41	18	3	1,200
1978	6	11	1,359	48	159	1,012	1,340	1,463	1,291	507	403	54	7,700
1979	46	57	1,832	2,410	596	1,428	1,519	1,888	1,416	1,168	99	46	12,500
1980	113	621	2,601	1,607	279	988	1,248	1,365	1,779	1,310	446	116	12,500
1981	55	21	119	24	465	785	1,291	1,088	1,244	1,150	643	57	6,900
1982	42	112	1,101	27	683	1,125	1,420	1,900	1,678	898	367	189	9,500
1983	79	264	781	59	542	1,511	1,740	2,004	1,476	-	-	-	-
Average	46	210	917	290	626	1,153	1,327	1,429	1,309	1,101	365	97	8,800
90% Probablility	12	19	33	15	248	822	991	927	680	485	89	18	6,400

Average Monthly Flow
USGS Station: 9363200
Florida River at Bondad, CO
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9363200

USGS Station Name: FLORIDA RIVER AT BONDAD, CO.

Watershed: ANIMAS

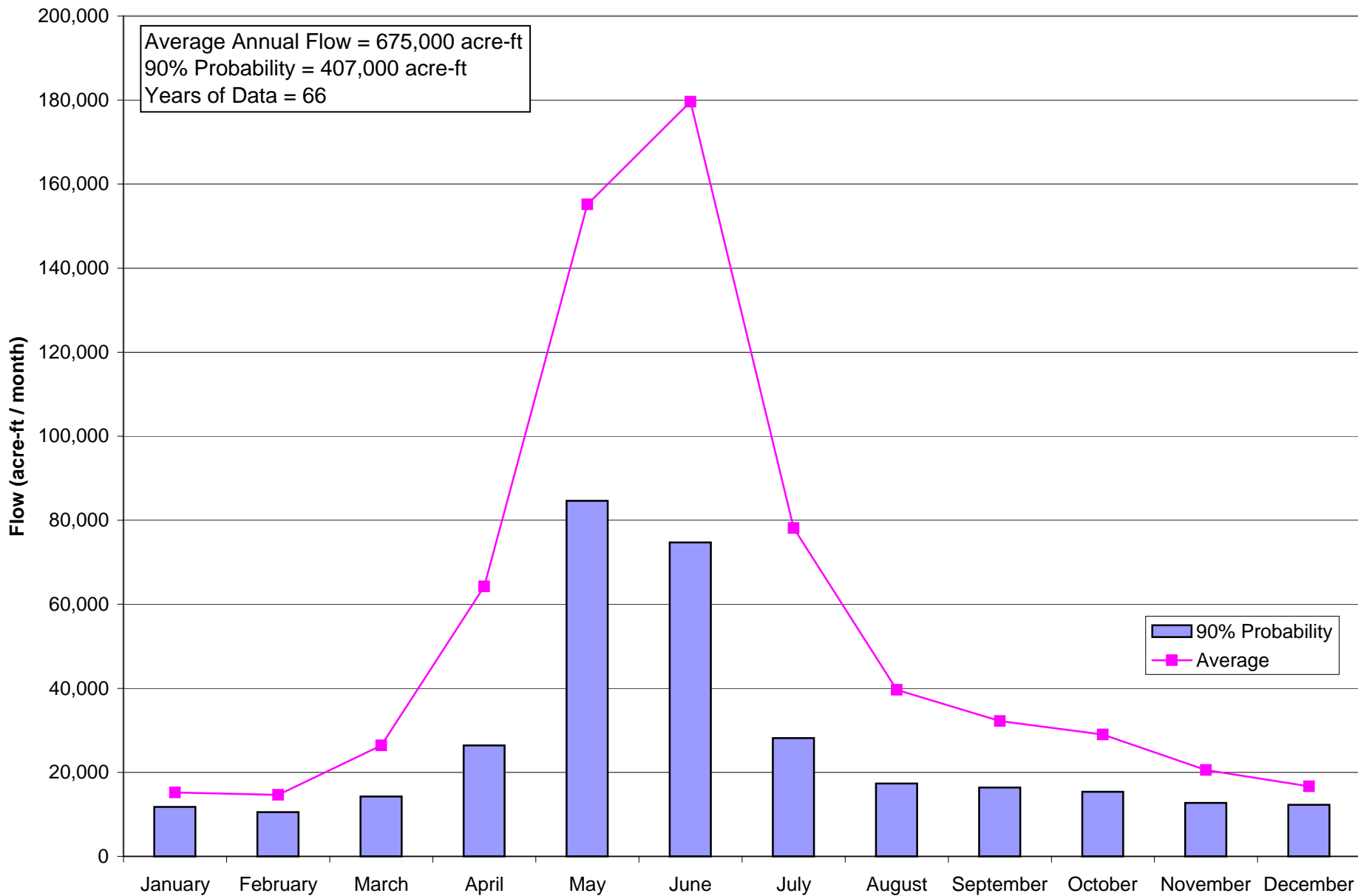
Year	January	February	March	April	May	June	July	August	September	October	November	December
1956	-	-	-	-	-	-	-	-	-	25	8.48	6.47
1957	12.2	48.5	36.5	88	209	626	320	309	65.3	51.8	86.7	34.3
1958	25.5	69.2	88.1	232	507	328	18.8	26.7	29.8	28.2	14.4	12.3
1959	12.5	11.3	11.2	18.6	44.7	40.9	8.35	21.9	12.2	27.2	48.2	16.6
1960	15.3	15.4	149	235	201	225	25.5	21.5	23.1	28.5	12.7	12.5
1961	11.7	11.4	40.7	118	242	87.9	26.6	37.5	55.1	59	41.8	30.2
1962	26.5	35.8	28.6	174	167	161	28.9	23.4	28.9	33.7	34.8	21.4
1963	16.5	29.9	43.1	102	141	24.6	23.7	35.6	51.8	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	41.1	21.7	17.5
1968	18.7	25.8	34.8	36.8	44.8	144	65.8	87	61	58.4	29.3	20.1
1969	25.2	25.5	99.1	206	70.3	223	110	65.3	83.6	114	38	28.9
1970	22.1	22.5	25.7	31	138	88.5	50	51	134	78.5	69	58.3
1971	28.3	25.5	20.1	18	33.4	40.4	39.3	51.7	43	48.7	41.3	40.4
1972	30.1	25.7	23.2	15.4	38.3	45.9	31.8	27.9	26	118	60.7	40
1973	35.2	37.2	185	309	616	347	189	59.4	72.5	45.9	35.8	27.2
1974	26.9	26.1	49.2	22.9	30	43.8	38.4	29.9	27	38	36.7	21.4
1975	21.5	22.5	122	147	159	385	167	51.6	70	47.6	31.9	28.6
1976	28.5	46.8	41.7	35.3	49.5	57.8	51.6	56.1	62.6	44.3	31.7	25.2
1977	22.4	24.1	18.2	10.8	14.7	11.6	14.5	12.8	7.54	9.48	15.5	12.3
1978	12.9	19.3	76.3	48.7	28.3	25	34.7	34.7	36.7	33.3	45	28.9
1979	29.7	28.9	192	424	420	532	168	53.6	56.7	60.5	35.5	30.6
1980	34.9	62.3	124	350	397	363	68.9	69.4	78.3	62.5	40.2	35.5
1981	27.1	22.8	27.5	25.4	21.1	28.9	51	42.3	47.6	54.1	36.7	25.3
1982	26.5	28.9	67.6	52.4	159	205	81	80.1	157	102	58.1	56.8
1983	32.3	42.4	68	143	243	254	131	64.2	69.5	-	-	-
Average	23.6	30.8	68.3	123.6	172.8	186.4	75.8	57.1	56.5	52.6	38	27.4
Max	35.2	69.2	192	424	616	626	320	309	157	118	86.7	58.3
Min	11.7	11.3	11.2	10.8	14.7	11.6	8.4	12.8	7.5	9.5	8.5	6.5

Monthly Flows (acre-feet)

USGS Station ID: 9363200
 USGS Station Name: FLORIDA RIVER AT BONDAD, CO.
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1956	-	-	-	-	-	-	-	-	-	1,537	505	398	-
1957	750	2,694	2,244	5,236	12,851	37,250	19,676	19,000	3,886	3,185	5,159	2,109	114,000
1958	1,568	3,843	5,417	13,805	31,174	19,517	1,156	1,642	1,773	1,734	857	756	83,200
1959	769	628	689	1,107	2,748	2,434	513	1,347	726	1,672	2,868	1,021	16,500
1960	941	886	9,162	13,983	12,359	13,388	1,568	1,322	1,375	1,752	756	769	58,300
1961	719	633	2,503	7,021	14,880	5,230	1,636	2,306	3,279	3,628	2,487	1,857	46,200
1962	1,629	1,988	1,759	10,354	10,268	9,580	1,777	1,439	1,720	2,072	2,071	1,316	46,000
1963	1,015	1,661	2,650	6,069	8,670	1,464	1,457	2,189	3,082	-	-	-	-
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	-	-	-	-	-	-	-	-	-	-
1966	-	-	-	-	-	-	-	-	-	-	-	-	-
1967	-	-	-	-	-	-	-	-	-	2,527	1,291	1,076	-
1968	1,150	1,484	2,140	2,190	2,755	8,569	4,046	5,349	3,630	3,591	1,743	1,236	37,900
1969	1,549	1,416	6,093	12,258	4,323	13,269	6,764	4,015	4,975	7,010	2,261	1,777	65,700
1970	1,359	1,250	1,580	1,845	8,485	5,266	3,074	3,136	7,974	4,827	4,106	3,585	46,500
1971	1,740	1,416	1,236	1,071	2,054	2,404	2,416	3,179	2,559	2,994	2,458	2,484	26,000
1972	1,851	1,478	1,427	916	2,355	2,731	1,955	1,716	1,547	7,256	3,612	2,460	29,300
1973	2,164	2,066	11,375	18,387	37,876	20,648	11,621	3,652	4,314	2,822	2,130	1,672	118,700
1974	1,654	1,450	3,025	1,363	1,845	2,606	2,361	1,838	1,607	2,337	2,184	1,316	23,600
1975	1,322	1,250	7,501	8,747	9,777	22,909	10,268	3,173	4,165	2,927	1,898	1,759	75,700
1976	1,752	2,692	2,564	2,100	3,044	3,439	3,173	3,449	3,725	2,724	1,886	1,549	32,100
1977	1,377	1,338	1,119	643	904	690	892	787	449	583	922	756	10,500
1978	793	1,072	4,692	2,898	1,740	1,488	2,134	2,134	2,184	2,048	2,678	1,777	25,600
1979	1,826	1,605	11,806	25,230	25,825	31,656	10,330	3,296	3,374	3,720	2,112	1,882	122,700
1980	2,146	3,584	7,624	20,826	24,411	21,600	4,236	4,267	4,659	3,843	2,392	2,183	101,800
1981	1,666	1,266	1,691	1,511	1,297	1,720	3,136	2,601	2,832	3,326	2,184	1,556	24,800
1982	1,629	1,605	4,157	3,118	9,777	12,198	4,980	4,925	9,342	6,272	3,457	3,492	65,000
1983	1,986	2,355	4,181	8,509	14,941	15,114	8,055	3,948	4,136	-	-	-	-
Average	1,450	1,724	4,202	7,356	10,624	11,094	4,662	3,509	3,361	3,234	2,262	1,686	55,700
90% Probablility	774	923	1,274	1,078	1,761	1,534	1,216	1,365	1,409	1,684	870	759	23,600

Average Monthly Flow
USGS Station: 9363500
Animas River near Cedar Hill, NM
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9363500

USGS Station Name: ANIMAS RIVER NEAR CEDAR HILL, NM

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1933	-	-	-	-	-	-	-	-	-	-	158	231
1934	213	199	262	837	1373	458	223	232	316	224	173	180
1935	190	210	422	1104	1913	5123	1643	841	549	414	280	200
1936	189	210	568	1689	3197	1752	589	869	534	315	316	217
1937	202	219	574	1994	3950	2016	889	377	312	322	245	219
1938	208	224	547	1910	2808	4905	1796	526	859	657	376	252
1939	226	199	457	967	2076	1459	455	268	678	296	257	195
1940	222	215	336	869	2143	1233	377	255	497	662	314	276
1941	262	346	590	1142	5686	5750	3348	945	1147	2479	1069	542
1942	383	345	461	1876	2811	4011	1472	562	388	294	269	232
1943	240	253	429	1825	2268	2185	899	877	540	374	352	266
1944	212	221	319	793	3866	4974	2039	528	273	337	302	228
1945	209	221	284	711	2772	2743	1100	545	295	353	279	201
1946	204	224	241	780	1096	2382	704	487	326	335	314	252
1947	199	230	262	559	2715	2795	1453	1072	855	809	443	293
1948	256	262	327	1656	3950	3987	1419	611	284	325	254	211
1949	261	239	414	1476	3327	5706	2420	664	345	350	297	231
1950	265	274	315	1150	1508	1954	750	281	332	275	215	211
1951	194	175	171	311	1378	2006	601	387	246	215	197	223
1952	293	267	405	1877	4008	5766	1897	711	452	299	242	183
1953	202	210	275	734	1361	2542	659	400	224	250	284	212
1954	169	185	197	842	1782	1269	979	457	424	603	266	216
1955	194	185	250	531	1697	2215	650	588	277	195	201	221
1956	216	216	404	728	2201	1908	430	247	155	169	173	159
1957	186	254	266	836	1839	6145	3710	1681	794	473	679	467
1958	343	455	559	1726	5135	4209	861	437	449	330	265	224
1959	185	215	205	360	1233	1727	374	417	196	430	418	251
1960	199	217	768	1794	2237	3328	923	342	287	327	270	242
1961	223	190	298	945	2716	2192	534	528	630	548	386	258
1962	220	321	336	1746	2406	2737	1348	430	313	375	326	253
1963	208	304	407	864	2104	1044	480	531	589	255	218	171

Average Monthly Flows (cfs)

USGS Station ID: 9363500

USGS Station Name: ANIMAS RIVER NEAR CEDAR HILL, NM

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1964	169	151	155	372	1912	1463	505	632	333	239	235	242
1965	235	228	306	1307	2667	4300	3090	1206	984	712	473	385
1966	348	290	636	1146	2592	1940	795	425	290	266	247	257
1967	210	234	297	405	1521	1411	627	551	389	273	212	203
1968	198	239	356	619	2057	3957	1017	960	329	296	256	231
1969	232	220	357	1498	2834	2540	1669	593	606	765	502	348
1970	278	262	261	437	2582	2162	995	567	1922	581	411	330
1971	301	306	364	832	1345	2273	917	494	405	457	414	320
1972	275	274	563	752	1507	1618	441	277	404	1359	669	412
1973	388	372	767	1485	4615	5194	2823	821	601	348	263	254
1974	237	209	309	449	1670	1182	575	283	187	292	275	220
1975	214	198	444	1029	2760	4950	3313	803	508	324	237	218
1976	210	267	312	651	2087	2273	794	461	436	383	228	223
1977	226	177	141	273	449	721	460	454	333	249	208	192
1978	193	204	441	1197	2109	3604	1166	369	251	234	308	261
1979	243	278	614	2137	4305	5596	2271	678	309	262	277	254
1980	210	315	491	1624	3251	5497	1487	545	531	304	279	248
1981	201	189	218	547	1115	2162	845	444	433	575	389	243
1982	236	251	353	827	2253	3262	1612	1224	1278	636	344	296
1983	274	308	520	896	2839	4581	2362	987	446	515	333	315
1984	287	294	477	828	4037	3070	1721	1120	723	729	432	348
1985	304	291	718	2192	3472	4737	1669	631	796	645	458	409
1986	333	377	605	1503	3164	3750	1947	807	1087	1132	956	555
1987	362	467	688	2014	3247	3971	1559	820	482	369	482	264
1988	335	355	465	733	1486	2094	746	633	678	480	315	296
1989	326	330	831	1393	1595	1240	597	547	281	327	244	200
1990	190	182	176	407	1535	2258	834	472	495	712	435	343
1991	289	260	330	923	2016	2170	779	528	969	327	359	323
1992	286	282	454	1427	3078	2536	1005	650	501	321	288	281
1993	265	355	1043	1603	4109	4225	1526	813	687	407	312	255
1994	265	254	337	699	2310	2487	601	360	564	510	453	335

Average Monthly Flows (cfs)

USGS Station ID: 9363500

USGS Station Name: ANIMAS RIVER NEAR CEDAR HILL, NM

Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December
1995	276	447	961	886	2226	5172	3338	1103	597	446	290	256
1996	229	242	280	619	2139	1193	490	222	369	554	447	358
1997	351	374	1022	1297	3569	4884	1799	1354	1327	919	408	305
1998	289	262	480	783	2405	2230	1303	577	437	502	552	411
1999	302	259	334	773	2291	3723	2086	2372	1393	458	262	251
2000	236	223	311	1172	2379	1266	379	315	350	388	365	299
Average	247	261	429	1080	2524	3018	1271	645	541	471	345	271
Max	388	467	1043	2192	5686	6145	3710	2372	1922	2479	1069	555
Min	169	151	141	273	449	458	223	222	155	169	158	159

Monthly Flows (acre-feet)

USGS Station ID: 9363500
 USGS Station Name: ANIMAS RIVER NEAR CEDAR HILL, NM
 Watershed: ANIMAS

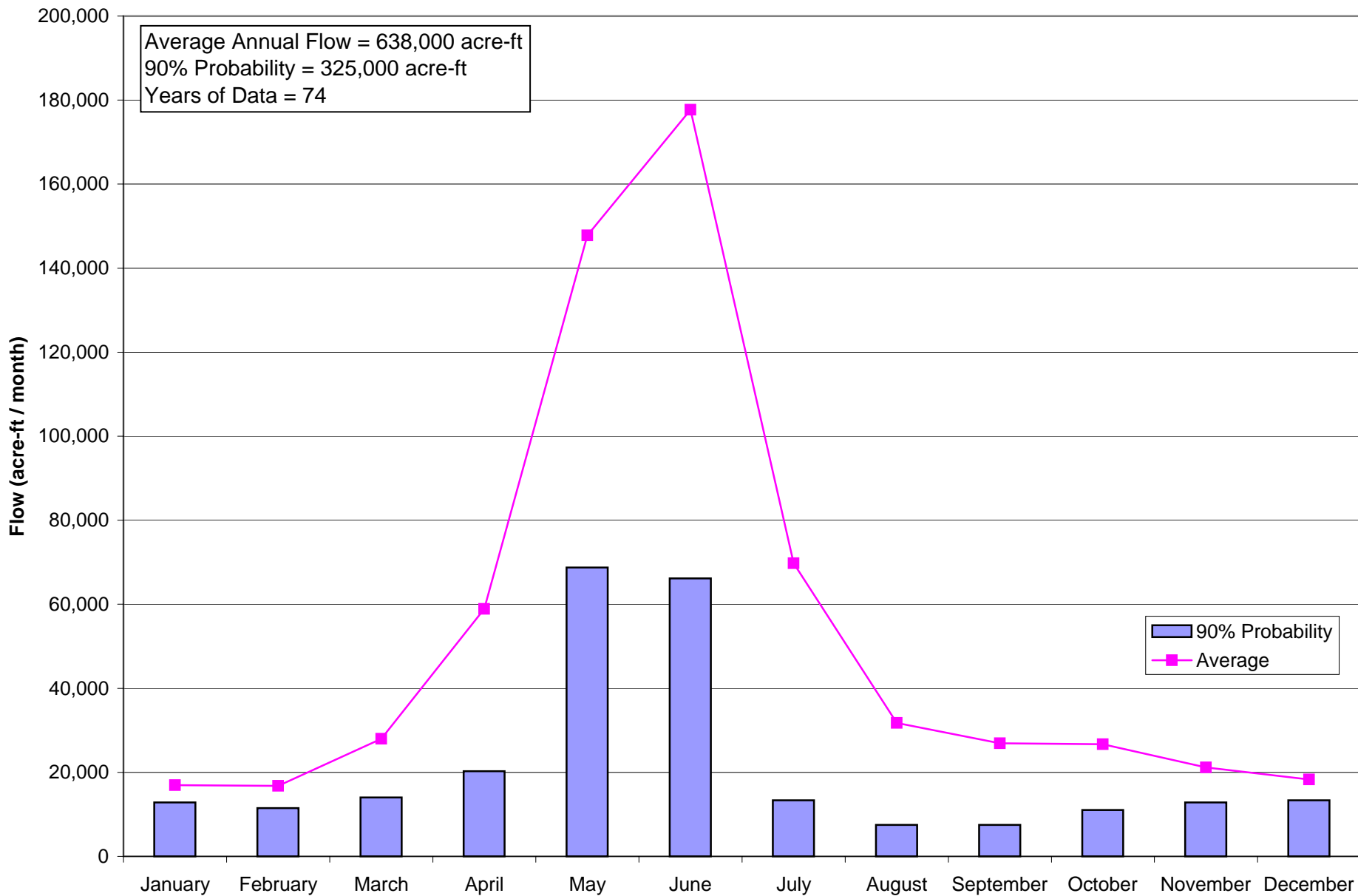
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1933	-	-	-	-	-	-	-	-	-	-	9,402	14,204	-
1934	13,097	11,052	16,110	49,805	84,422	27,253	13,712	14,265	18,803	13,773	10,294	11,068	284,000
1935	11,683	11,663	25,948	65,693	117,626	304,840	101,024	51,711	32,668	25,456	16,661	12,298	777,000
1936	11,621	12,079	34,925	100,502	196,576	104,251	36,216	53,433	31,775	19,369	18,803	13,343	633,000
1937	12,420	12,163	35,294	118,651	242,876	119,960	54,662	23,181	18,565	19,799	14,579	13,466	686,000
1938	12,789	12,440	33,634	113,653	172,657	291,868	110,432	32,342	51,114	40,397	22,374	15,495	909,000
1939	13,896	11,052	28,100	57,540	127,648	86,817	27,977	16,479	40,344	18,200	15,293	11,990	455,000
1940	13,650	12,367	20,660	51,709	131,768	73,369	23,181	15,679	29,574	40,705	18,684	16,971	448,000
1941	16,110	19,216	36,278	67,954	349,619	342,149	205,860	58,106	68,251	152,428	63,610	33,326	1,413,000
1942	23,550	19,160	28,346	111,630	172,842	238,671	90,510	34,556	23,088	18,077	16,007	14,265	791,000
1943	14,757	14,051	26,378	108,595	139,454	130,017	55,277	53,925	32,132	22,996	20,945	16,356	635,000
1944	13,035	12,712	19,615	47,187	237,711	295,974	125,373	32,465	16,245	20,721	17,970	14,019	853,000
1945	12,851	12,274	17,462	42,307	170,444	163,220	67,636	33,511	17,554	21,705	16,602	12,359	588,000
1946	12,543	12,440	14,819	46,413	67,390	141,739	43,287	29,944	19,398	20,598	18,684	15,495	443,000
1947	12,236	12,774	16,110	33,263	166,939	166,314	89,341	65,915	50,876	49,743	26,360	18,016	708,000
1948	15,741	15,070	20,106	98,539	242,876	237,243	87,251	37,569	16,899	19,983	15,114	12,974	819,000
1949	16,048	13,273	25,456	87,828	204,569	339,531	148,800	40,828	20,529	21,521	17,673	14,204	950,000
1950	16,294	15,217	19,369	68,430	92,723	116,271	46,116	17,278	19,755	16,909	12,793	12,974	454,000
1951	11,929	9,719	10,514	18,506	84,730	119,365	36,954	23,796	14,638	13,220	11,722	13,712	369,000
1952	18,016	15,358	24,902	111,689	246,442	343,101	116,642	43,718	26,896	18,385	14,400	11,252	991,000
1953	12,420	11,663	16,909	43,676	83,685	151,260	40,520	24,595	13,329	15,372	16,899	13,035	443,000
1954	10,391	10,274	12,113	50,102	109,571	75,511	60,196	28,100	25,230	37,077	15,828	13,281	448,000
1955	11,929	10,274	15,372	31,597	104,344	131,802	39,967	36,155	16,483	11,990	11,960	13,589	435,000
1956	13,281	12,424	24,841	43,319	135,334	113,534	26,440	15,187	9,223	10,391	10,294	9,777	424,000
1957	11,437	14,106	16,356	49,745	113,076	365,653	228,119	103,361	47,246	29,084	40,403	28,715	1,047,000
1958	21,090	25,269	34,372	102,704	315,739	250,453	52,941	26,870	26,717	20,291	15,769	13,773	906,000
1959	11,375	11,940	12,605	21,421	75,814	102,764	22,996	25,640	11,663	26,440	24,873	15,433	363,000
1960	12,236	12,482	47,222	106,750	137,548	198,030	56,753	21,029	17,078	20,106	16,066	14,880	660,000
1961	13,712	10,552	18,323	56,231	167,000	130,433	32,834	32,465	37,488	33,695	22,969	15,864	572,000
1962	13,527	17,827	20,660	103,894	147,939	162,863	82,885	26,440	18,625	23,058	19,398	15,556	653,000
1963	12,789	16,883	25,025	51,412	129,370	62,122	29,514	32,650	35,048	15,679	12,972	10,514	434,000
1964	10,391	8,686	9,531	22,136	117,564	87,055	31,051	38,860	19,815	14,696	13,983	14,880	389,000
1965	14,450	12,662	18,815	77,772	163,987	255,868	189,997	74,154	58,552	43,779	28,145	23,673	962,000
1966	21,398	16,106	39,106	68,192	159,376	115,438	48,883	26,132	17,256	16,356	14,698	15,802	559,000
1967	12,912	12,996	18,262	24,099	93,523	83,960	38,553	33,880	23,147	16,786	12,615	12,482	383,000
1968	12,175	13,747	21,890	36,833	126,480	235,458	62,533	59,028	19,577	18,200	15,233	14,204	635,000
1969	14,265	12,218	21,951	89,137	174,256	151,140	102,623	36,462	36,060	47,038	29,871	21,398	736,000

Monthly Flows (acre-feet)

USGS Station ID: 9363500
 USGS Station Name: ANIMAS RIVER NEAR CEDAR HILL, NM
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1970	17,094	14,551	16,048	26,003	158,761	128,648	61,180	34,863	114,367	35,724	24,456	20,291	652,000
1971	18,508	16,994	22,381	49,507	82,701	135,253	56,384	30,375	24,099	28,100	24,635	19,676	509,000
1972	16,909	15,761	34,618	44,747	92,662	96,278	27,116	17,032	24,040	83,562	39,808	25,333	518,000
1973	23,857	20,660	47,161	88,364	283,765	309,064	173,580	50,481	35,762	21,398	15,650	15,618	1,085,000
1974	14,573	11,607	19,000	26,717	102,684	70,334	35,355	17,401	11,127	17,954	16,364	13,527	357,000
1975	13,158	10,996	27,300	61,230	169,706	294,545	203,708	49,375	30,228	19,922	14,102	13,404	908,000
1976	12,912	15,358	19,184	38,737	128,325	135,253	48,821	28,346	25,944	23,550	13,567	13,712	504,000
1977	13,896	9,830	8,670	16,245	27,608	42,902	28,284	27,915	19,815	15,310	12,377	11,806	235,000
1978	11,867	11,330	27,116	71,226	129,677	214,453	71,695	22,689	14,936	14,388	18,327	16,048	624,000
1979	14,941	15,439	37,753	127,160	264,704	332,985	139,638	41,689	18,387	16,110	16,483	15,618	1,041,000
1980	12,912	18,119	30,190	96,635	199,896	327,094	91,432	33,511	31,597	18,692	16,602	15,249	892,000
1981	12,359	10,497	13,404	32,549	68,559	128,648	51,957	27,300	25,765	35,355	23,147	14,941	444,000
1982	14,511	13,940	21,705	49,210	138,532	194,102	99,118	75,261	76,046	39,106	20,469	18,200	760,000
1983	16,848	17,105	31,974	53,316	174,563	272,588	145,234	60,688	26,539	31,666	19,815	19,369	870,000
1984	17,647	16,911	29,330	49,269	248,225	182,678	105,820	68,866	43,021	44,824	25,706	21,398	854,000
1985	18,692	16,161	44,148	130,433	213,485	281,871	102,623	38,799	47,365	39,660	27,253	25,148	986,000
1986	20,475	20,938	37,200	89,435	194,547	223,140	119,716	49,620	64,681	69,604	56,886	34,126	980,000
1987	22,259	25,936	42,303	119,841	199,650	236,291	95,859	50,420	28,681	22,689	28,681	16,233	889,000
1988	20,598	20,420	28,592	43,617	91,371	124,602	45,870	38,922	40,344	29,514	18,744	18,200	521,000
1989	20,045	18,327	51,096	82,889	98,073	73,785	36,708	33,634	16,721	20,106	14,519	12,298	478,000
1990	11,683	10,108	10,822	24,218	94,383	134,360	51,281	29,022	29,455	43,779	25,884	21,090	486,000
1991	17,770	14,440	20,291	54,922	123,959	129,124	47,899	32,465	57,660	20,106	21,362	19,860	560,000
1992	17,585	16,221	27,915	84,912	189,259	150,902	61,795	39,967	29,812	19,738	17,137	17,278	673,000
1993	16,294	19,716	64,132	95,385	252,653	251,405	93,830	49,989	40,879	25,025	18,565	15,679	944,000
1994	16,294	14,106	20,721	41,593	142,036	147,987	36,954	22,136	33,560	31,359	26,955	20,598	554,000
1995	16,971	24,825	59,090	52,721	136,871	307,755	205,246	67,821	35,524	27,423	17,256	15,741	967,000
1996	14,081	13,920	17,217	36,833	131,522	70,988	30,129	13,650	21,957	34,064	26,598	22,013	433,000
1997	21,582	20,771	62,840	77,177	219,449	290,618	110,616	83,254	78,962	56,507	24,278	18,754	1,065,000
1998	17,770	14,551	29,514	46,592	147,878	132,694	80,118	35,478	26,003	30,867	32,846	25,271	620,000
1999	18,569	14,384	20,537	45,997	140,868	221,534	128,263	145,849	82,889	28,161	15,590	15,433	878,000
2000	14,511	12,827	19,123	69,739	146,279	75,332	23,304	19,369	20,826	23,088	21,719	17,792	464,000
Average	15,212	14,641	26,399	64,271	155,173	179,590	78,158	39,640	32,218	28,976	20,525	16,682	672,000
90% Probability	11,793	10,530	14,253	26,431	84,607	74,713	28,161	17,352	16,388	15,347	12,740	12,298	324,613

Average Monthly Flow
USGS Station: 9364500
Animas River at Farmington, NM
Watershed: Animas



Average Monthly Flows (cfs)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1913	-	-	-	-	-	-	-	-	-	653	372	302
1914	323	368	875	1407	3615	4986	2495	606	360	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	411	325	405
1920	554	675	691	1156	6126	6929	2383	741	397	448	499	379
1921	378	379	681	1053	2926	6160	2566	1971	748	345	348	350
1922	267	380	708	1351	4785	5917	1318	406	205	206	301	325
1923	250	342	389	945	3054	3568	1484	1095	771	612	512	333
1924	296	491	348	1409	2876	2600	696	217	199	246	217	240
1925	221	219	332	944	2406	2782	1356	638	2182	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	281	294	220
1931	262	245	206	264	1009	1280	415	200	288	560	293	197
1932	200	427	747	1750	3492	3918	1593	1004	459	278	216	185
1933	201	201	297	368	1131	3009	835	189	473	446	246	240
1934	223	206	260	549	900	235	46.4	64.1	200	171	152	202
1935	215	224	423	1017	1758	4784	1261	668	469	406	278	229
1936	224	228	530	1457	2935	1477	402	721	528	283	329	255
1937	205	273	668	1843	3394	1706	721	148	148	312	249	226
1938	244	256	566	1842	2706	4744	1636	321	775	606	357	276
1939	253	227	482	851	1845	1207	178	52.5	647	275	247	216
1940	253	253	339	714	1991	984	144	119	386	661	313	307
1941	292	393	642	1103	5737	5806	3209	786	1055	2726	1140	565
1942	414	361	472	1795	2541	3762	1216	339	247	214	221	220

Average Monthly Flows (cfs)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1943	228	253	436	1550	1980	1918	699	662	441	316	345	284
1944	244	257	335	747	3620	4779	1836	342	142	306	288	241
1945	230	246	312	660	2440	2495	869	406	129	327	283	225
1946	228	248	242	623	873	2141	546	388	223	303	307	279
1947	229	247	257	377	2512	2458	1217	1100	759	788	481	356
1948	305	327	369	1534	3827	4011	1162	392	149	313	299	262
1949	277	287	469	1424	3055	5268	2022	461	123	273	290	244
1950	328	334	314	962	1241	1732	546	49.8	247	255	180	212
1951	199	199	182	148	1096	1736	351	203	118	178	214	239
1952	307	293	421	1810	3710	5689	1760	540	326	215	235	229
1953	241	239	312	678	1099	2258	419	229	49.1	195	322	246
1954	212	213	222	742	1554	1015	886	300	313	664	267	240
1955	233	214	271	472	1418	2031	424	496	92.8	129	182	227
1956	226	227	398	658	1967	1751	189	70.5	10.6	87	186	176
1957	208	304	300	848	1749	6077	3609	1716	795	467	743	511
1958	363	488	598	1747	4966	4043	623	225	342	284	279	237
1959	201	202	202	259	910	1476	157	325	69.1	426	434	257
1960	210	238	784	1681	2009	3066	724	135	130	314	279	272
1961	227	212	331	847	2336	1946	313	392	622	554	439	306
1962	286	376	307	1402	2025	2420	1079	185	199	379	344	273
1963	218	313	418	732	1732	817	236	302	457	212	229	174
1964	163	162	167	268	1598	1158	267	451	194	145	202	234
1965	250	240	304	1199	2449	3971	2955	1179	935	703	487	414
1966	385	332	720	973	2325	1717	498	218	155	189	189	333
1967	229	261	291	218	1274	1178	401	400	249	168	208	229
1968	228	264	353	496	1801	3555	796	809	128	207	242	247
1969	262	247	384	1382	2524	2133	1508	422	548	855	530	441
1970	341	275	232	345	2155	1825	799	369	1901	553	440	376
1971	341	352	361	701	1214	2219	830	421	280	425	403	361
1972	333	326	503	535	1428	1631	185	76.7	271	1519	750	474

Average Monthly Flows (cfs)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1973	433	419	826	1581	4499	5052	2639	673	553	292	257	270
1974	289	257	329	334	1492	997	405	119	48.9	266	298	233
1975	238	229	588	953	2721	4831	3096	629	407	251	235	227
1976	212	291	284	531	1942	2202	634	296	331	342	255	219
1977	214	190	112	54.1	195	533	187	381	182	174	241	217
1978	216	206	488	1272	2066	3579	947	123	103	178	351	289
1979	289	318	802	2489	4298	5175	2273	578	217	180	278	258
1980	257	364	511	1666	3069	5358	1265	327	421	230	280	268
1981	243	208	209	357	799	1621	643	226	261	558	382	269
1982	263	301	432	822	2168	3111	1427	995	1144	512	399	394
1983	355	359	568	929	2450	4184	2224	855	333	541	343	370
1984	318	321	488	839	3799	2847	1448	987	598	682	444	388
1985	349	310	696	2210	3487	4586	1414	508	744	644	478	425
1986	372	409	608	1214	2870	3815	2081	586	974	1193	1022	609
1987	408	474	742	2117	3288	4179	1376	690	333	318	482	314
1988	320	360	434	689	1334	1961	624	587	527	392	364	348
1989	337	347	660	1159	1361	1078	419	367	134	266	255	232
1990	215	200	181	239	1301	1971	597	333	407	716	486	378
1991	324	284	347	793	1742	1986	615	280	750	269	400	342
1992	291	320	450	1087	2519	2161	813	452	379	259	317	309
1993	286	372	995	1390	3966	4278	1266	670	680	372	370	296
1994	312	277	318	510	2028	2549	332	179	459	479	497	371
1995	310	455	986	772	1981	5026	3302	904	488	376	225	186
1996	163	241	270	391	1882	1008	331	40.2	211	547	466	392
1997	341	374	1242	1595	3323	4830	1763	1335	1321	807	443	340
1998	305	289	398	634	2122	1916	1209	385	320	448	501	398
1999	313	273	289	710	1991	3645	2032	2581	1346	363	273	274
2000	256	238	312	1072	2277	1135	175	142	203	-	-	-
Average	276	299	455	990	2404	2987	1135	517	452	436	355	297
Max	554	675	1242	2489	6126	6929	3609	2581	2182	2726	1140	609

Average Monthly Flows (cfs)

USGS Station ID: 9364500

USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM

Watershed: ANIMAS

State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
Min	163	162	112	54	195	235	46	40	11	87	152	174

Monthly Flows (acre-feet)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1913	-	-	-	-	-	-	-	-	-	40,151	22,136	18,569	-
1914	19,860	20,438	53,802	83,722	222,278	296,688	153,412	37,261	21,421	-	-	-	-
1915	-	-	-	-	-	-	-	-	-	-	-	-	-
1916	-	-	-	-	-	-	-	-	-	-	-	-	-
1917	-	-	-	-	-	-	-	-	-	-	-	-	-
1918	-	-	-	-	-	-	-	-	-	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	25,271	19,339	24,902	-
1920	34,064	38,826	42,488	68,787	376,673	412,304	146,525	45,562	23,623	27,546	29,693	23,304	1,269,000
1921	23,242	21,049	41,873	62,658	179,913	366,545	157,777	121,192	44,509	21,213	20,707	21,521	1,082,000
1922	16,417	21,104	43,533	80,390	294,218	352,086	81,041	24,964	12,198	12,666	17,911	19,983	977,000
1923	15,372	18,994	23,919	56,231	187,783	212,311	91,248	67,329	45,878	37,630	30,466	20,475	808,000
1924	18,200	28,243	21,398	83,841	176,838	154,711	42,795	13,343	11,841	15,126	12,912	14,757	594,000
1925	13,589	12,163	20,414	56,172	147,939	165,540	83,377	39,229	129,838	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	-	-	-	-
1927	-	-	-	-	-	-	-	-	-	-	-	-	-
1928	-	-	-	-	-	-	-	-	-	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	17,278	17,494	13,527	-
1931	16,110	13,607	12,666	15,709	62,041	76,165	25,517	12,298	17,137	34,433	17,435	12,113	315,000
1932	12,298	24,561	45,931	104,132	214,715	233,137	97,950	61,734	27,312	17,094	12,853	11,375	863,000
1933	12,359	11,163	18,262	21,898	69,542	179,048	51,342	11,621	28,145	27,423	14,638	14,757	460,000
1934	13,712	11,441	15,987	32,668	55,339	13,983	2,853	3,941	11,901	10,514	9,045	12,420	194,000
1935	13,220	12,440	26,009	60,516	108,095	284,668	77,536	41,074	27,907	24,964	16,542	14,081	707,000
1936	13,773	13,115	32,588	86,698	180,466	87,888	24,718	44,333	31,418	17,401	19,577	15,679	568,000
1937	12,605	15,162	41,074	109,666	208,689	101,514	44,333	9,100	8,807	19,184	14,817	13,896	599,000
1938	15,003	14,218	34,802	109,607	166,385	282,288	100,594	19,738	46,116	37,261	21,243	16,971	864,000
1939	15,556	12,607	29,637	50,638	113,445	71,821	10,945	3,228	38,499	16,909	14,698	13,281	391,000
1940	15,556	14,553	20,844	42,486	122,422	58,552	8,854	7,317	22,969	40,643	18,625	18,877	392,000
1941	17,954	21,826	39,475	65,633	352,754	345,481	197,314	48,329	62,777	167,615	67,835	34,740	1,422,000
1942	25,456	20,049	29,022	106,810	156,240	223,855	74,769	20,844	14,698	13,158	13,150	13,527	712,000
1943	14,019	14,051	26,809	92,231	121,745	114,129	42,980	40,705	26,241	19,430	20,529	17,462	550,000
1944	15,003	14,783	20,598	44,450	222,585	284,370	112,891	21,029	8,450	18,815	17,137	14,819	795,000
1945	14,142	13,662	19,184	39,273	150,030	148,463	53,433	24,964	7,676	20,106	16,840	13,835	522,000
1946	14,019	13,773	14,880	37,071	53,679	127,398	33,572	23,857	13,269	18,631	18,268	17,155	386,000
1947	14,081	13,718	15,802	22,433	154,457	146,261	74,830	67,636	45,164	48,452	28,621	21,890	653,000
1948	18,754	18,809	22,689	91,279	235,313	238,671	71,449	24,103	8,866	19,246	17,792	16,110	783,000
1949	17,032	15,939	28,838	84,734	187,845	313,468	124,328	28,346	7,319	16,786	17,256	15,003	857,000

Monthly Flows (acre-feet)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1950	20,168	18,549	19,307	57,243	76,306	103,061	33,572	3,062	14,698	15,679	10,711	13,035	385,000
1951	12,236	11,052	11,191	8,807	67,390	103,299	21,582	12,482	7,021	10,945	12,734	14,696	293,000
1952	18,877	16,854	25,886	107,702	228,119	338,519	108,218	33,203	19,398	13,220	13,983	14,081	938,000
1953	14,819	13,273	19,184	40,344	67,575	134,360	25,763	14,081	2,922	11,990	19,160	15,126	379,000
1954	13,035	11,829	13,650	44,152	95,552	60,397	54,478	18,446	18,625	40,828	15,888	14,757	402,000
1955	14,327	11,885	16,663	28,086	87,189	120,853	26,071	30,498	5,522	7,932	10,830	13,958	374,000
1956	13,896	13,057	24,472	39,154	120,946	104,192	11,621	4,335	631	5,349	11,068	10,822	360,000
1957	12,789	16,883	18,446	50,460	107,542	361,607	221,909	105,513	47,306	28,715	44,212	31,420	1,047,000
1958	22,320	27,102	36,770	103,954	305,347	240,575	38,307	13,835	20,350	17,462	16,602	14,573	857,000
1959	12,359	11,219	12,420	15,412	55,954	87,828	9,654	19,983	4,112	26,194	25,825	15,802	297,000
1960	12,912	13,690	48,206	100,026	123,529	182,440	44,517	8,301	7,736	19,307	16,602	16,725	594,000
1961	13,958	11,774	20,352	50,400	143,635	115,795	19,246	24,103	37,012	34,064	26,122	18,815	515,000
1962	17,585	20,882	18,877	83,425	124,512	144,000	66,345	11,375	11,841	23,304	20,469	16,786	559,000
1963	13,404	17,383	25,702	43,557	106,497	48,615	14,511	18,569	27,193	13,035	13,626	10,699	353,000
1964	10,022	9,318	10,268	15,947	98,257	68,906	16,417	27,731	11,544	8,916	12,020	14,388	304,000
1965	15,372	13,329	18,692	71,345	150,583	236,291	181,696	72,494	55,636	43,226	28,979	25,456	913,000
1966	23,673	18,438	44,271	57,898	142,959	102,169	30,621	13,404	9,223	11,621	11,246	20,475	486,000
1967	14,081	14,495	17,893	12,972	78,335	70,096	24,657	24,595	14,817	10,330	12,377	14,081	309,000
1968	14,019	15,185	21,705	29,514	110,739	211,537	48,944	49,743	7,617	12,728	14,400	15,187	551,000
1969	16,110	13,718	23,611	82,235	155,195	126,922	92,723	25,948	32,608	52,572	31,537	27,116	680,000
1970	20,967	15,273	14,265	20,529	132,506	108,595	49,129	22,689	113,117	34,003	26,182	23,119	580,000
1971	20,967	19,549	22,197	41,712	74,646	132,040	51,035	25,886	16,661	26,132	23,980	22,197	477,000
1972	20,475	18,752	30,928	31,835	87,804	97,051	11,375	4,716	16,126	93,400	44,628	29,145	486,000
1973	26,624	23,270	50,789	94,076	276,633	300,615	162,266	41,381	32,906	17,954	15,293	16,602	1,058,000
1974	17,770	14,273	20,229	19,874	91,740	59,326	24,902	7,317	2,910	16,356	17,732	14,327	307,000
1975	14,634	12,718	36,155	56,707	167,308	287,464	190,366	38,676	24,218	15,433	13,983	13,958	872,000
1976	13,035	16,739	17,462	31,597	119,409	131,028	38,983	18,200	19,696	21,029	15,174	13,466	456,000
1977	13,158	10,552	6,887	3,219	11,990	31,716	11,498	23,427	10,830	10,699	14,340	13,343	162,000
1978	13,281	11,441	30,006	75,689	127,033	212,965	58,229	7,563	6,129	10,945	20,886	17,770	592,000
1979	17,770	17,661	49,313	148,106	264,274	307,934	139,761	35,540	12,912	11,068	16,542	15,864	1,037,000
1980	15,802	20,938	31,420	99,134	188,705	318,823	77,782	20,106	25,051	14,142	16,661	16,479	845,000
1981	14,941	11,552	12,851	21,243	49,129	96,456	39,537	13,896	15,531	34,310	22,731	16,540	349,000
1982	16,171	16,717	26,563	48,912	133,305	185,117	87,743	61,180	68,073	31,482	23,742	24,226	723,000
1983	21,828	19,938	34,925	55,279	150,645	248,965	136,748	52,572	19,815	33,265	20,410	22,750	817,000
1984	19,553	18,464	30,006	49,924	233,591	169,408	89,034	60,688	35,583	41,935	26,420	23,857	798,000
1985	21,459	17,217	42,795	131,504	214,407	272,886	86,943	31,236	44,271	39,598	28,443	26,132	957,000
1986	22,873	22,715	37,384	72,238	176,469	227,008	127,956	36,032	57,957	73,355	60,813	37,446	952,000

Monthly Flows (acre-feet)

USGS Station ID: 9364500
 USGS Station Name: ANIMAS RIVER AT FARMINGTON, NM
 Watershed: ANIMAS

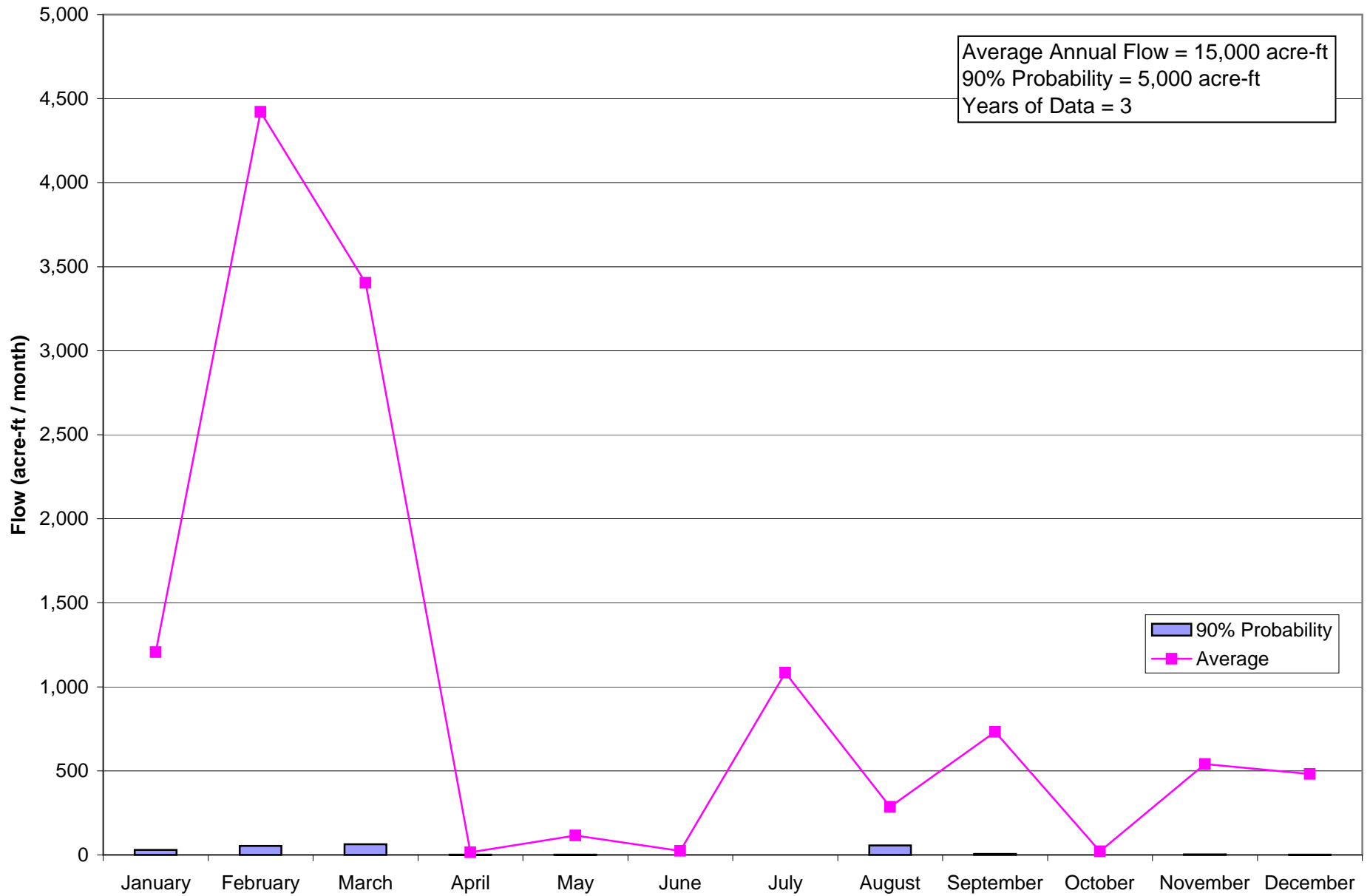
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1987	25,087	26,325	45,624	125,970	202,171	248,668	84,607	42,426	19,815	19,553	28,681	19,307	888,000
1988	19,676	20,707	26,686	40,998	82,024	116,688	38,368	36,093	31,359	24,103	21,660	21,398	480,000
1989	20,721	19,271	40,582	68,965	83,685	64,145	25,763	22,566	7,974	16,356	15,174	14,265	399,000
1990	13,220	11,107	11,129	14,221	79,995	117,283	36,708	20,475	24,218	44,025	28,919	23,242	425,000
1991	19,922	15,773	21,336	47,187	107,111	118,175	37,815	17,217	44,628	16,540	23,802	21,029	491,000
1992	17,893	18,407	27,669	64,681	154,887	128,588	49,989	27,792	22,552	15,925	18,863	19,000	566,000
1993	17,585	20,660	61,180	82,711	243,860	254,559	77,843	41,197	40,463	22,873	22,017	18,200	903,000
1994	19,184	15,384	19,553	30,347	124,697	151,676	20,414	11,006	27,312	29,453	29,574	22,812	501,000
1995	19,061	25,269	60,627	45,937	121,807	299,068	203,032	55,585	29,038	23,119	13,388	11,437	907,000
1996	10,022	13,862	16,602	23,266	115,720	59,980	20,352	2,472	12,555	33,634	27,729	24,103	360,000
1997	20,967	20,771	76,368	94,909	204,323	287,405	108,403	82,086	78,605	49,620	26,360	20,906	1,071,000
1998	18,754	16,050	24,472	37,726	130,477	114,010	74,339	23,673	19,041	27,546	29,812	24,472	540,000
1999	19,246	15,162	17,770	42,248	122,422	216,893	124,943	158,700	80,093	22,320	16,245	16,848	853,000
2000	15,741	13,690	19,184	63,788	140,007	67,537	10,760	8,731	12,079	20,170	24,580	18,320	415,000
Average	16,958	16,759	27,962	58,921	147,797	177,726	69,790	31,765	26,900	26,701	21,163	18,277	635,000
90% Probablility	12,863	11,508	14,019	20,267	68,755	66,180	13,355	7,465	7,498	11,031	12,817	13,324	328,600

Appendix C-2 USGS Gages in the Blanco Canyon Watershed

The USGS Gages included in the Blanco Canyon Watershed are:

USGS Station ID	Name	Watershed
9356565	Canon Largo near Blanco, NM	Blanco Canyon

Average Monthly Flow
USGS Station: 9356565
Canon Largo near Blanco, NM
Watershed: Blanco Canyon



Average Monthly Flows (cfs)

USGS Station ID: 9356565

USGS Station Name: CANON LARGO NR BLANCO, NM

Watershed: BLANCO CANYON

Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0	1.67	0.4
1978	1.46	2.41	43.3	0.031	6.89	0	0	0.075	0.28	1.36	34.5	30.8
1979	74.5	254	176	0.86	0.58	0.021	21.7	10	0	0.003	0.049	0.045
1980	2.46	59.6	1.24	0.13	0.016	0	0	2.83	21.7	0.014	0.046	0.028
1981	0.045	0.33	0.93	0.028	0.01	1.6	48.8	5.71	27.2	-	-	-
Average	20	79	55	0	2	0	18	5	12	0	9	8
Max	75	254	176	1	7	2	49	10	27	1	35	31
Min	0	0	1	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9356565
 USGS Station Name: CANON LARGO NR BLANCO, NM
 Watershed: BLANCO CANYON

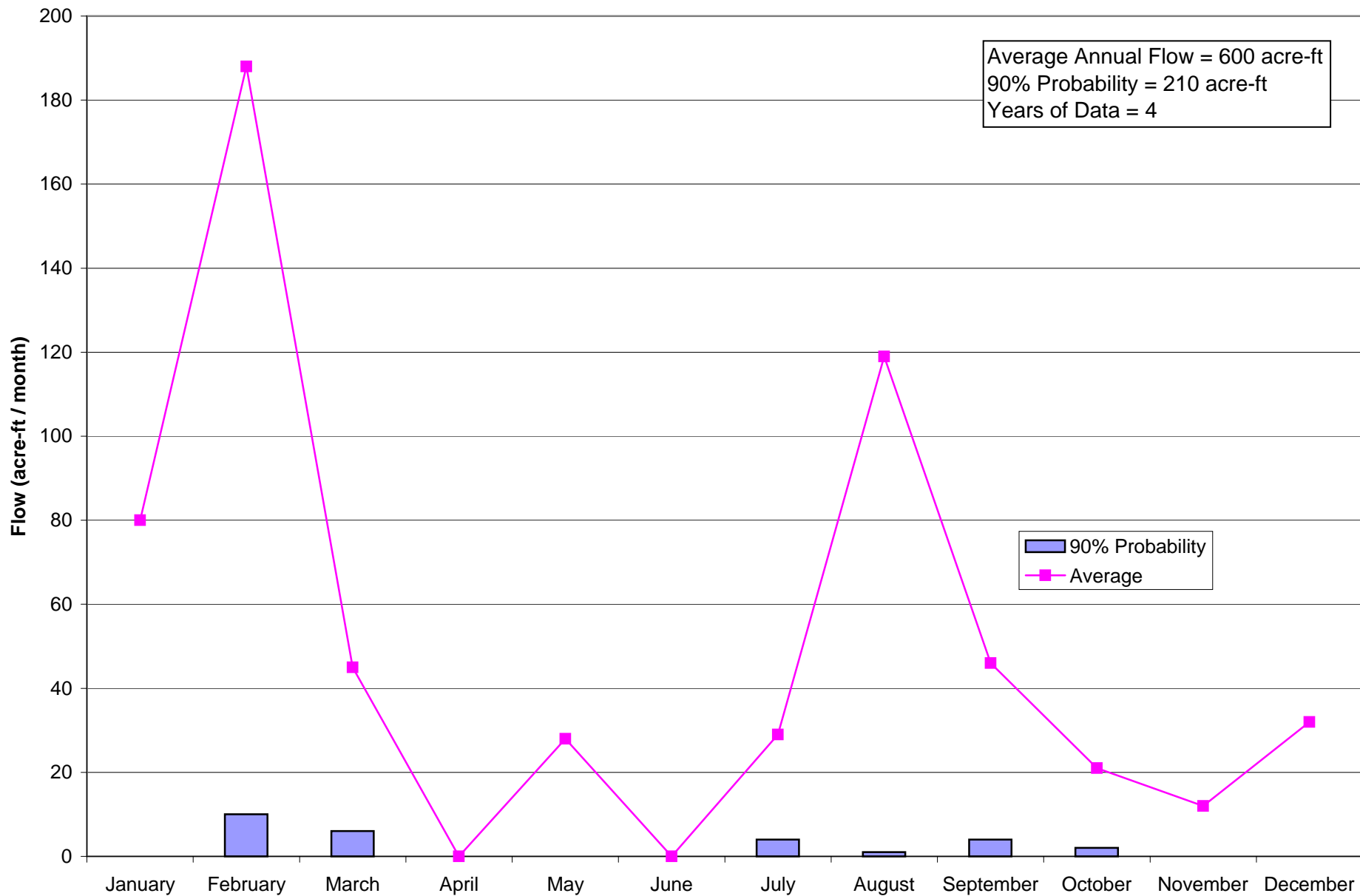
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	0	99	25	-
1978	90	134	2,662	2	424	0	0	5	17	84	2,053	1,894	7,000
1979	4,581	14,106	10,822	51	36	1	1,334	615	0	0	3	3	32,000
1980	151	3,428	76	8	1	0	0	174	1,291	1	3	2	5,000
1981	3	18	57	2	1	95	3,001	351	1,619	-	-	-	-
Average	1,206	4,422	3,404	16	116	24	1,084	286	732	21	540	481	15,000
90% Probability	29	53	63	2	1	0	0	56	5	0	3	2	5,000

Appendix C-3 USGS Gages in the Chaco Watershed

The USGS Gages included in the Chaco Watershed are:

USGS Station ID	Name	Watershed
9367660	Chaco Wash near Starlake Trading Post, NM	Chaco
9367676	Chaco Wash at Eb at Chaco Canyon National Monument, NM	Chaco
9367678	Fajada Wash at Chaco Canyon National Monument, NM	Chaco
9367680	Chaco Wash at Chaco Canyon National Monument, NM	Chaco
9367682	Gallo Wash at Chaco National Monument, NM	Chaco
9367683	Chaco Wash near Pb at Bridge at Chaco National Monument, NM	Chaco
9367685	Ah-Shi-Sle-Pah Wash near Kimbeto, NM	Chaco
9367687	Kim-Me-Ni-Oli Wash near Crownpoint, NM	Chaco
9367689	Kim-Me-Ni-Oli Wash near Lake Valley, NM	Chaco
9367710	De-Na-Zin Wash near Bisti Trading Post, NM	Chaco
9367900	Black Springs Wash near Mexican Springs, NM	Chaco
9367930	Hunter Wash at Bisti Trading Post, NM	Chaco
9367934	Teec-Ni-Di-Tso Wash near Burnham, NM	Chaco
9367936	Burnham Wash near Burnham, NM	Chaco
9367938	Chaco River near Burnham, NM	Chaco
9367950	Chaco River near Waterflow, NM	Chaco

Average Monthly Flow
USGS Station: 9367660
Chaco Wash near Starlake Trading Post, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367660

USGS Station Name: CHACO WASH NR STARLAKE TRADING POST, NM

Watershed: CHACO

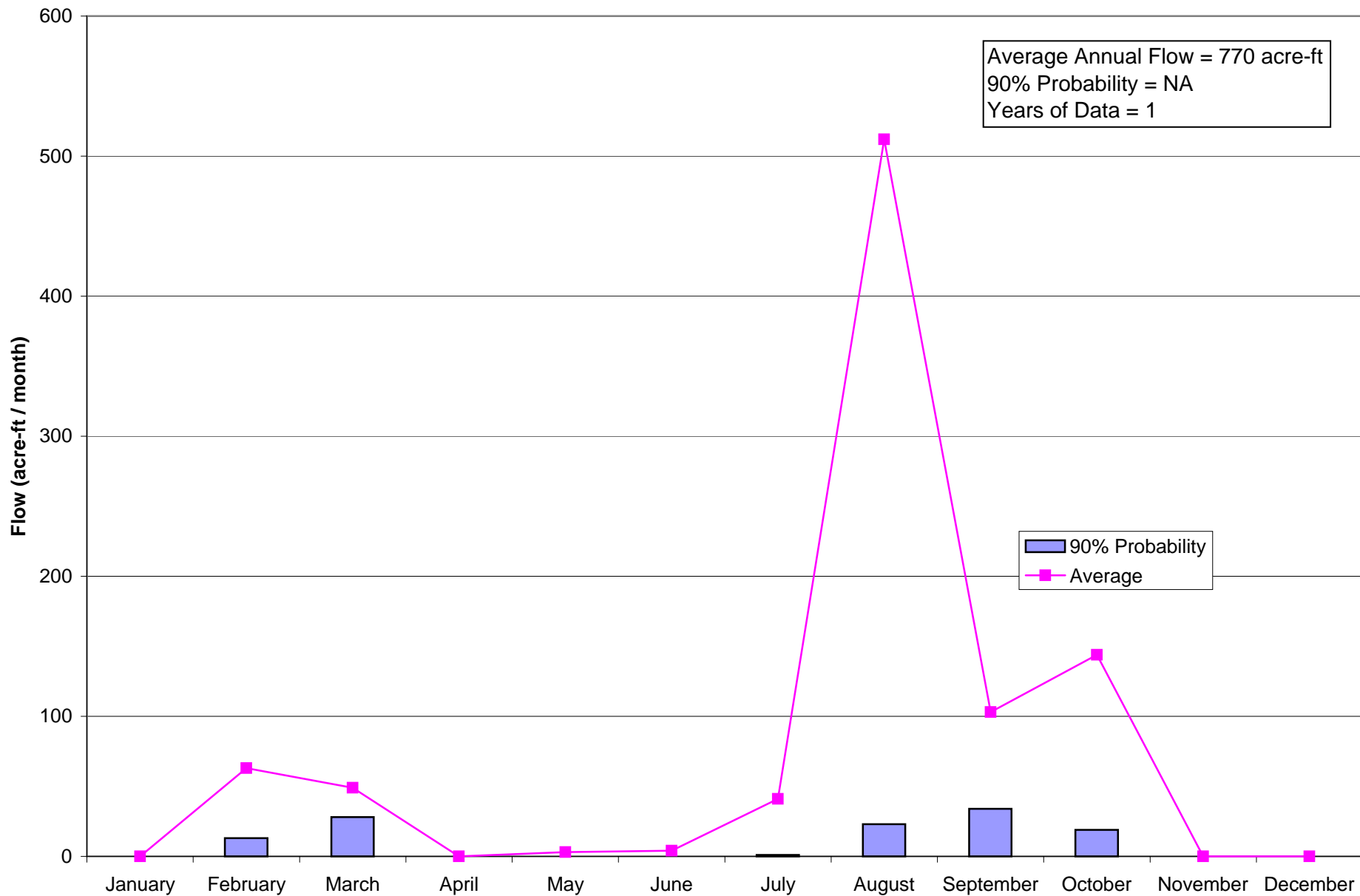
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0.53	0.42	0.054
1978	0	2.55	1.11	0	2.02	0	0.058	0	0.59	0.087	0.28	2.53
1979	5.96	13	2	0	0.27	0.011	0.081	0.46	0	0.26	0.34	0
1980	0.4	0.92	0	0	0.019	0	0.36	0.043	0.29	0	0	0
1981	0	0	0.34	0	0.006	0.021	1.66	1.34	2.8	0.79	0	0
1982	0.17	0.43	0.23	0	0	0	0.17	7.83	0.17	-	-	-
Average	1.3	3.4	0.7	0	0.5	0	0.5	1.9	0.8	0.3	0.2	0.5
Max	6	13	2	0	2	0	1.7	7.8	2.8	0.8	0.4	2.5
Min	0	0	0	0	0	0	0.1	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367660
 USGS Station Name: CHACO WASH NR STARLAKE TRADING POST, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	33	25	3	-
1978	0	142	68	0	124	0	4	0	35	5	17	156	550
1979	366	722	123	0	17	1	5	28	0	16	20	0	1,300
1980	25	53	0	0	1	0	22	3	17	0	0	0	120
1981	0	0	21	0	0	1	102	82	167	49	0	0	420
1982	10	24	14	0	0	0	10	481	10	-	-	-	-
Average	80	188	45	0	28	0	29	119	46	21	12	32	600
90% Probablility	0	10	6	0	0	0	4	1	4	2	0	0	210

Average Monthly Flow
USGS Station: 9367676
Chaco Wash at Eb at Chaco Canyon National Monument, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367676

USGS Station Name: CHACO WASH AT EB AT CHACO CANYON NATL MON, NM

Watershed: CHACO

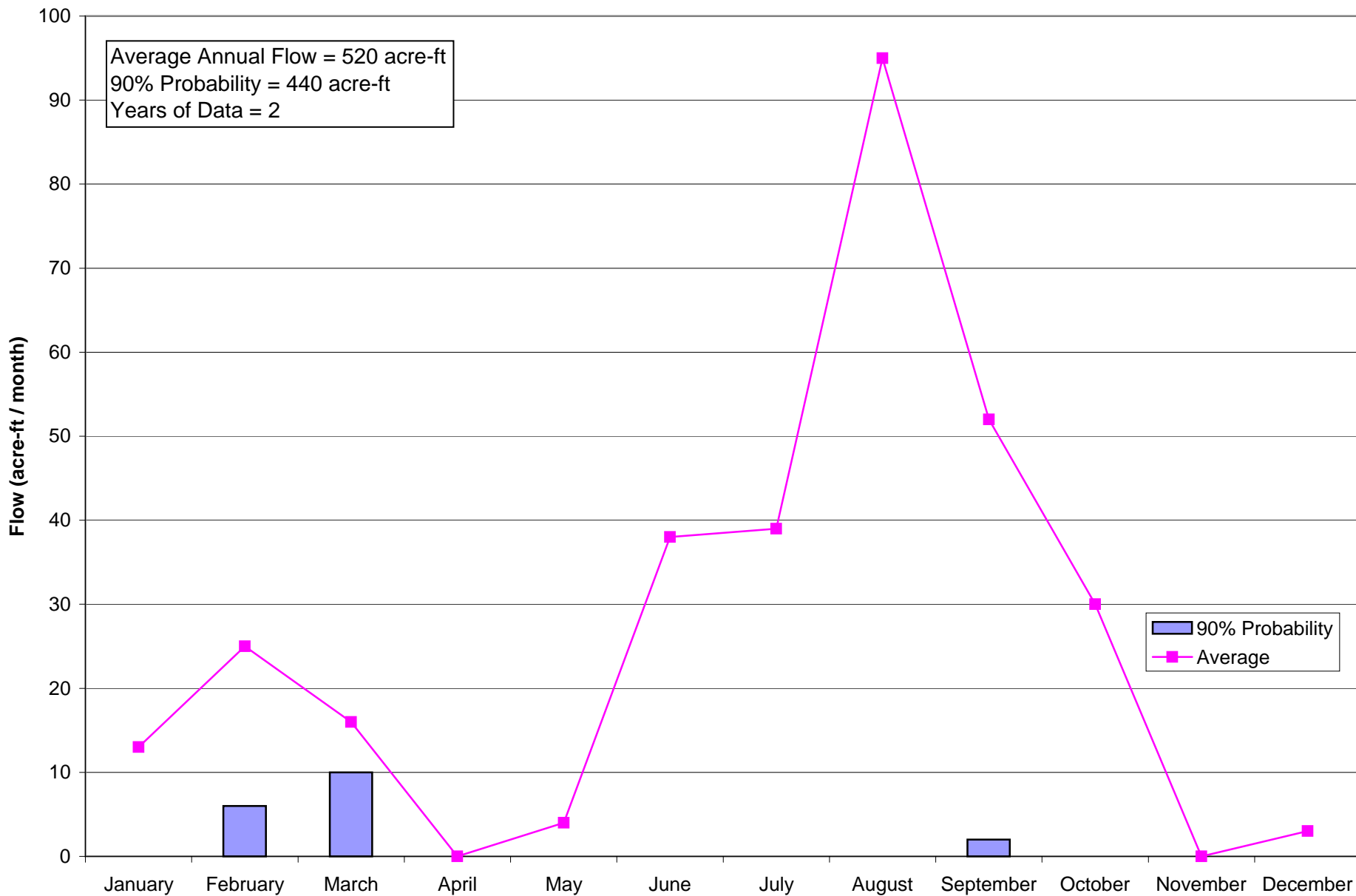
Year	January	February	March	April	May	June	July	August	September	October	November	December
1980	-	-	-	0	0	0	0	0	0.097	0	0	0
1981	0	0	0.37	0	0.16	0.19	1.93	1.87	2.58	5.5	0	0
1982	0	2.26	1.2	0	0	0	0.079	23.1	2.49	1.52	-	-
Average	0	1.1	0.8	0	0.1	0.1	0.7	8.3	1.7	2.3	0	0
Max	0	2.3	1.2	0	0.2	0.2	1.9	23.1	2.6	5.5	0	0
Min	0	0	0.4	0	0	0	0	0	0.1	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367676
 USGS Station Name: CHACO WASH AT EB AT CHACO CANYON NATL MON, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1980	-	-	-	0	0	0	0	0	6	0	0	0	-
1981	0	0	23	0	10	11	119	115	154	338	0	0	770
1982	0	126	74	0	0	0	5	1,420	148	93	-	-	-
Average	0	63	49	0	3	4	41	512	103	144	0	0	770
90% Probablility	0	13	28	0	0	0	1	23	34	19	0	0	770

Average Monthly Flow
USGS Station: 9367678
Fajada Wash at Chaco Canyon National Monument, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367678

USGS Station Name: FAJADA WASH AT CHACO CANYON NATL MON, NM

Watershed: CHACO

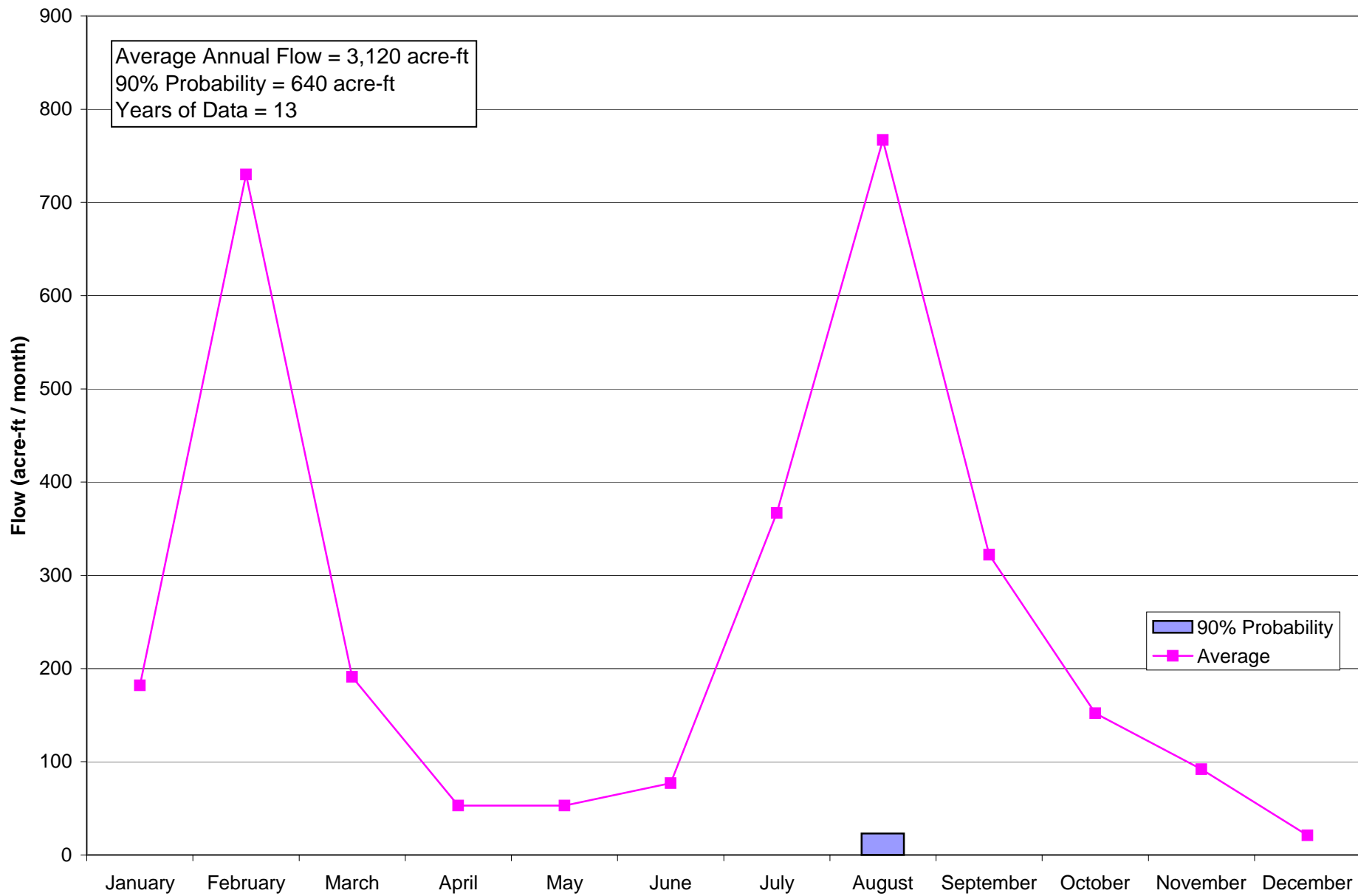
Year	January	February	March	April	May	June	July	August	September	October	November	December
1980	-	-	-	0	0	0	0	0	0.2	0	0	0
1981	0	0	0.45	0	0.13	2.53	2.37	0	0	1.47	0	0
1982	0	0.52	0.17	0	0.074	0	0.15	5.98	3.18	0	0.006	0.14
1983	0.64	0.85	0.17	0	0.023	0	0	0.19	0.11	-	-	-
Average	0.2	0.5	0.3	0	0.1	0.6	0.6	1.5	0.9	0.5	0	0
Max	0.6	0.9	0.5	0	0.1	2.5	2.4	6	3.2	1.5	0	0.1
Min	0	0	0.2	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367678
 USGS Station Name: FAJADA WASH AT CHACO CANYON NATL MON, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1980	-	-	-	0	0	0	0	0	12	0	0	0	-
1981	0	0	28	0	8	151	146	0	0	90	0	0	420
1982	0	29	10	0	5	0	9	368	189	0	0	9	620
1983	39	47	10	0	1	0	0	12	7	-	-	-	-
Average	13	25	16	0	4	38	39	95	52	30	0	3	520
90% Probablility	0	6	10	0	0	0	0	0	2	0	0	0	440

Average Monthly Flow
USGS Station: 9367680
Chaco Wash at Chaco Canyon National Monument, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367680

USGS Station Name: CHACO WASH AT CHACO CANYON NATIONAL MONUMENT, NM

Watershed: CHACO

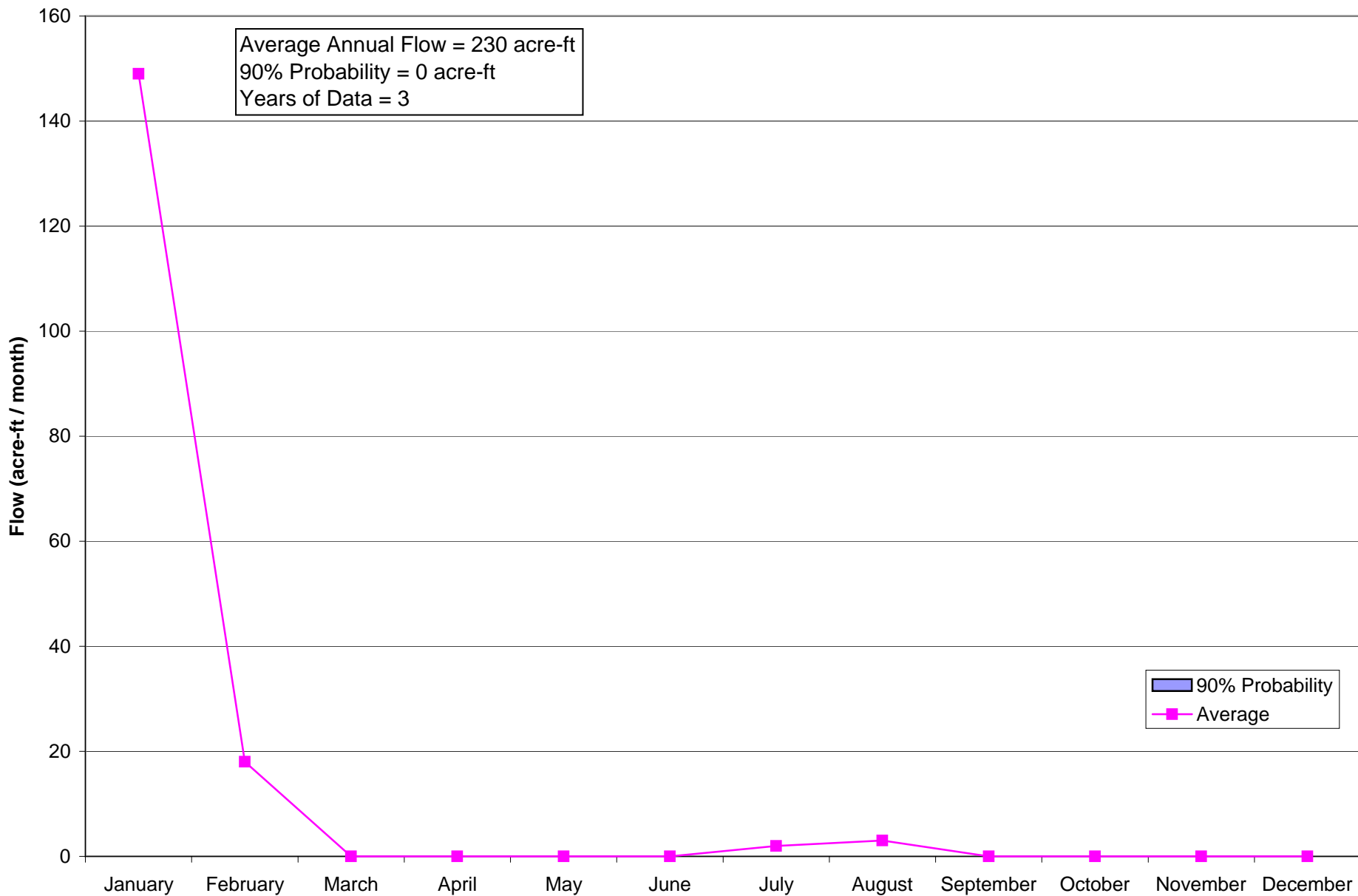
Year	January	February	March	April	May	June	July	August	September	October	November	December
1976	-	-	-	-	0	0	9.72	4.57	11.4	0	0	0
1977	0	0.2	0.041	0	0	0	21.4	29.5	0.14	0.27	0.005	0
1978	0.05	4.25	6.97	0.018	9.27	0	0	0.91	1.93	0.33	3.09	0.48
1979	35.5	130	13	0	1.35	13.4	8.53	3.88	0	0.4	0.9	0
1980	1.85	4.98	0	0	0	0	0	0	0.33	0	0	0
1981	0	0	0.35	0.027	0.19	0.21	8.85	1.89	4.09	9.29	0	0
1982	0	1.87	2.04	0.046	0.12	0	0.26	25.9	2.83	0	0.033	0.17
1983	0.63	9.24	1.84	0.54	0.017	0	0.11	13.2	0.14	2.09	0.077	3.29
1984	3.06	7.21	0.98	0.4	0	0	0	1.39	3.05	13.6	0.035	0.77
1985	0.36	15.4	2.71	11	1.14	0	7.58	9.92	3.39	0.18	0	0
1986	0	0	0.001	0.27	0	3.56	14.9	1.46	7.61	8.49	16.4	0
1987	0	6.43	15.6	0	0	0	0.91	5.71	0	0	1.15	0
1988	0	3.97	0	0	0.001	0.89	10.9	76.1	40.9	0	0	0
1989	0	0	0	0	0	0	0.35	0.14	0	0.038	0	0
1990	0	0	0.001	0.23	-	-	-	-	-	-	-	-
Average	3	13.1	3.1	0.9	0.9	1.3	6	12.5	5.4	2.5	1.5	0.3
Max	35.5	130	15.6	11	9.3	13.4	21.4	76.1	40.9	13.6	16.4	3.3
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367680
 USGS Station Name: CHACO WASH AT CHACO CANYON NATIONAL MONUMENT, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1976	-	-	-	-	0	0	598	281	678	0	0	0	-
1977	0	11	3	0	0	0	1,316	1,814	8	17	0	0	3,170
1978	3	236	429	1	570	0	0	56	115	20	184	30	1,640
1979	2,183	7,220	799	0	83	797	524	239	0	25	54	0	11,920
1980	114	286	0	0	0	0	0	0	20	0	0	0	420
1981	0	0	22	2	12	12	544	116	243	571	0	0	1,520
1982	0	104	125	3	7	0	16	1,593	168	0	2	10	2,030
1983	39	513	113	32	1	0	7	812	8	129	5	202	1,860
1984	188	415	60	24	0	0	0	85	181	836	2	47	1,840
1985	22	855	167	655	70	0	466	610	202	11	0	0	3,060
1986	0	0	0	16	0	212	916	90	453	522	976	0	3,190
1987	0	357	959	0	0	0	56	351	0	0	68	0	1,790
1988	0	228	0	0	0	53	670	4,679	2,434	0	0	0	8,060
1989	0	0	0	0	0	0	22	9	0	2	0	0	30
1990	0	0	0	14	-	-	-	-	-	-	-	-	-
Average	182	730	191	53	53	77	367	767	322	152	92	21	3,120
90% Probablility	0	0	0	0	0	0	0	23	0	0	0	0	640

Average Monthly Flow
USGS Station: 9367682
Gallo Wash at Chaco National Monument, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367682

USGS Station Name: GALLO WASH AT CHACO NATIONAL MONUMENT, NM

Watershed: CHACO

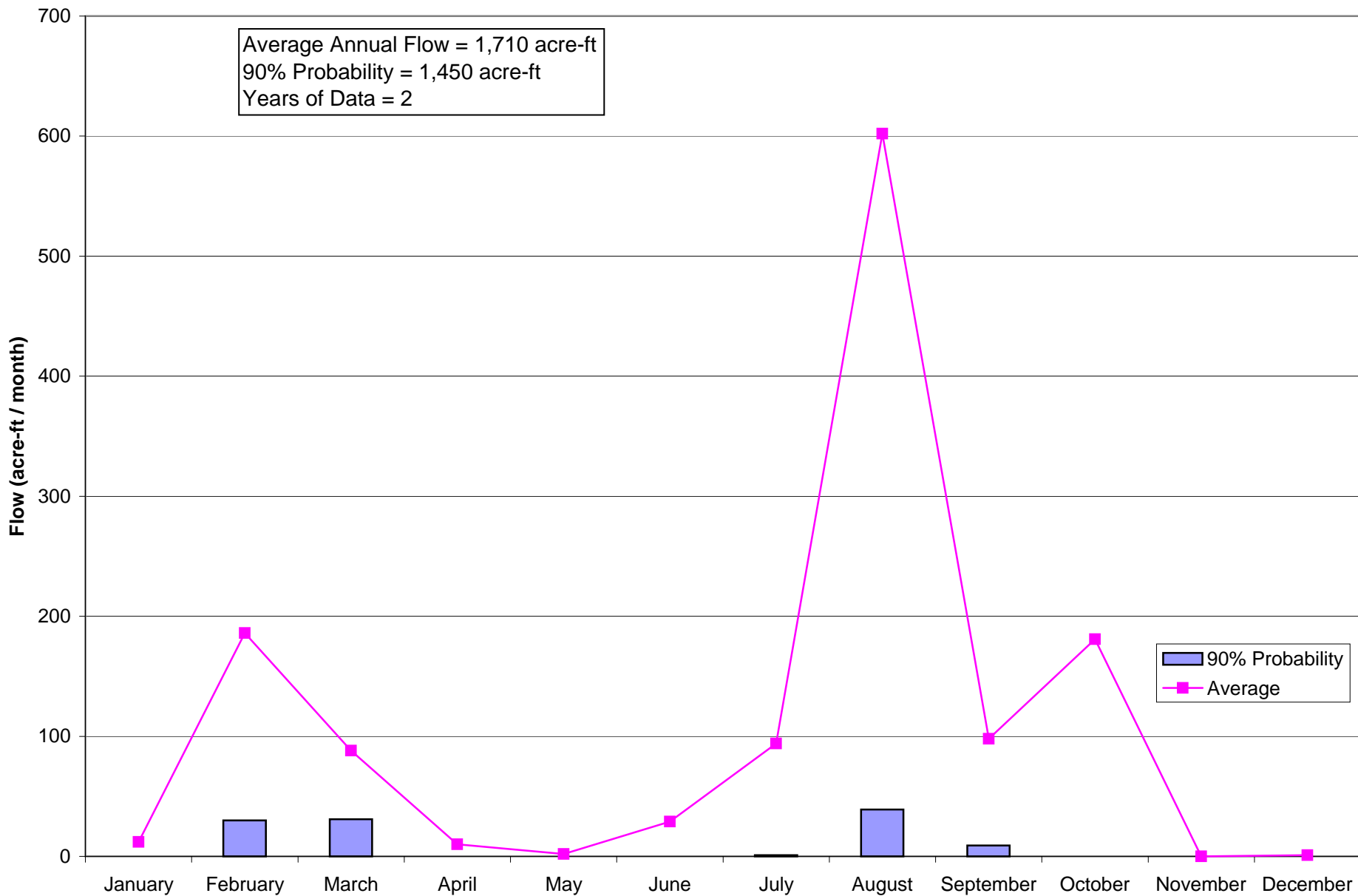
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0	0
1979	9.7	1.31	0.008	0	0	0	0.11	0.19	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	-	-	-
Average	2.4	0.3	0	0	0	0	0	0	0	0	0	0
Max	9.7	1.3	0	0	0	0	0.1	0.2	0	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367682
 USGS Station Name: GALLO WASH AT CHACO NATIONAL MONUMENT, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	0	0	0	-
1978	0	0	0	0	0	0	0	0	0	0	0	0	0
1979	596	73	0	0	0	0	7	12	0	0	0	0	690
1980	0	0	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	-	-	-	-
Average	149	18	0	0	0	0	2	3	0	0	0	0	230
90% Probablility	0	0	0	0	0	0	0	0	0	0	0	0	0

Average Monthly Flow
USGS Station: 9367683
Chaco Wash near Pb at Bridge at Chaco National Monument, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367683

USGS Station Name: CHACO WASH NR PB AT BRIDGE AT CHACO NATL MON, NM

Watershed: CHACO

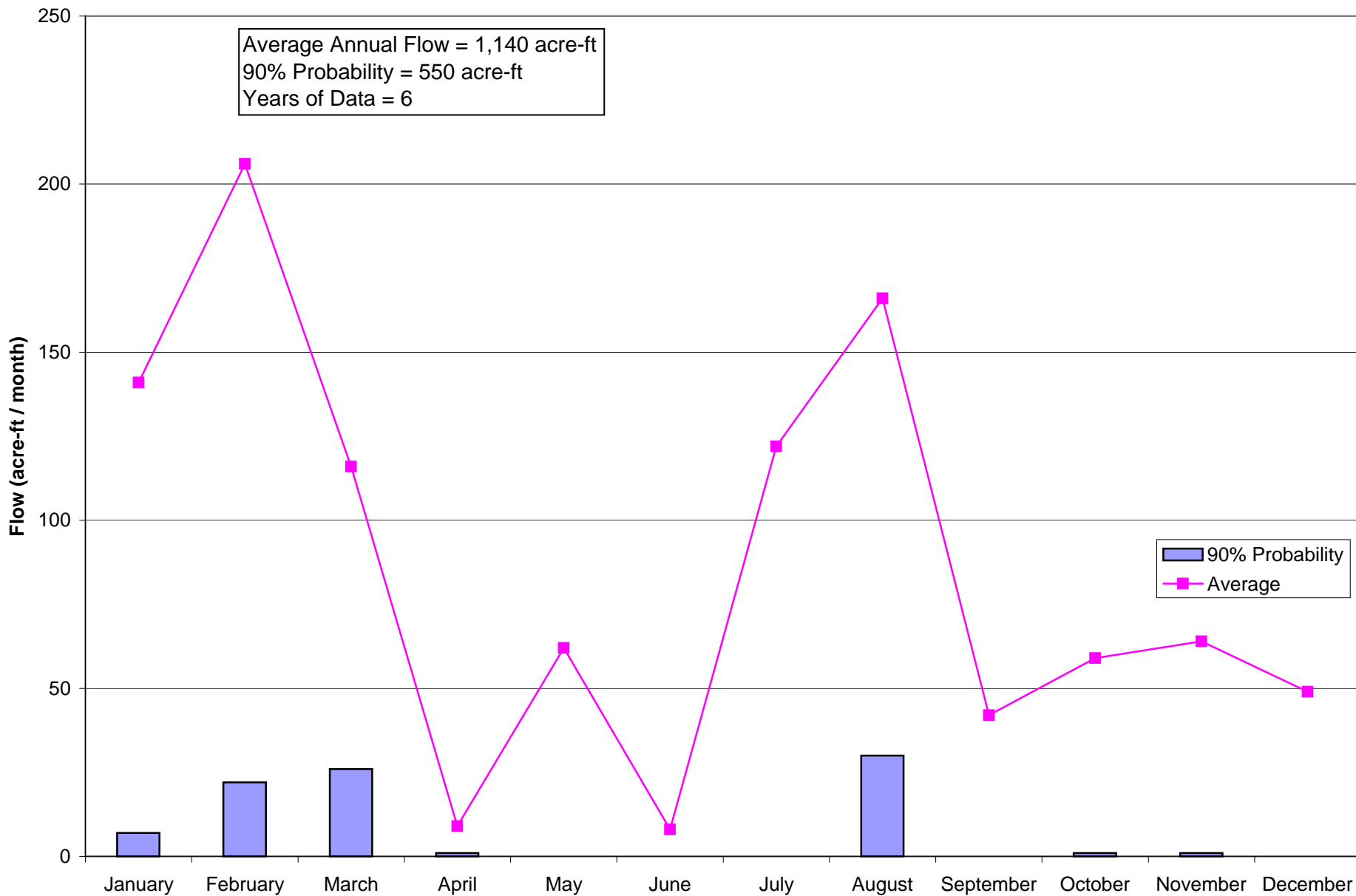
Year	January	February	March	April	May	June	July	August	September	October	November	December
1980	-	-	-	0	0	0	0	0	0.016	0	0	0
1981	0	0	0.15	0.002	0.06	1.93	5.92	2.13	3.67	8.84	0	0
1982	0	2.67	2.16	0.03	0.042	0	0.15	25.7	2.45	0	0	0.034
1983	0.6	7.4	1.97	0.65	0.002	0.005	0.073	11.3	0.44	-	-	-
Average	0.2	3.4	1.4	0.2	0	0.5	1.5	9.8	1.6	2.9	0	0
Max	0.6	7.4	2.2	0.7	0.1	1.9	5.9	25.7	3.7	8.8	0	0
Min	0	0	0.2	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367683
 USGS Station Name: CHACO WASH NR PB AT BRIDGE AT CHACO NATL MON, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1980	-	-	-	0	0	0	0	0	1	0	0	0	-
1981	0	0	9	0	4	115	364	131	218	544	0	0	1,390
1982	0	148	133	2	3	0	9	1,580	146	0	0	2	2,020
1983	37	411	121	39	0	0	4	695	26	-	-	-	-
Average	12	186	88	10	2	29	94	602	98	181	0	1	1,710
90% Probablility	0	30	31	0	0	0	1	39	9	0	0	0	1,450

Average Monthly Flow
USGS Station: 9367685
Ah-Shi-Sle-Pah Wash near Kimbeto, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367685

USGS Station Name: AH-SHI-SLE-PAH WASH NEAR KIMBETO, NM

Watershed: CHACO

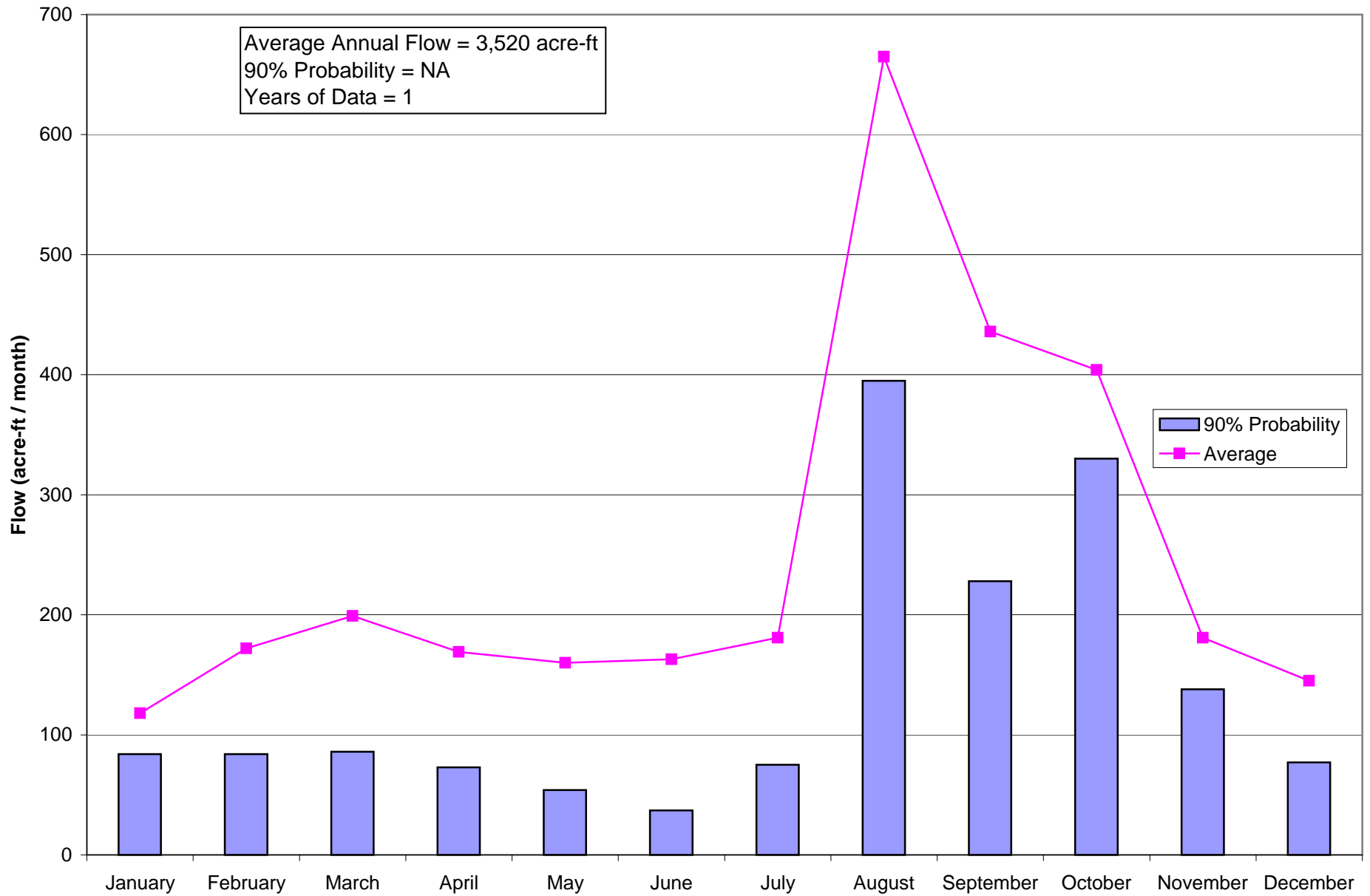
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	0	0	0.14	7.88	3.41	0.04	0.031	0.44	0
1978	0.58	0.85	0.62	0.041	5.69	0	0	0.029	2.67	1.69	4.96	0.92
1979	4.3	9.45	1.03	0.18	1.03	0.062	0.81	1.55	0	1.19	1.39	0.034
1980	2.89	2.25	0.15	0.087	0.025	0	0	0.69	0	0.77	0	0.7
1981	0	0.61	5.12	0.47	0	0.23	1.14	0.98	0.46	1.37	0.032	0.003
1982	0.35	8.55	3.14	0.01	1.06	0	3.7	2.61	1.45	0	0.44	2.79
1983	7.76	4.18	2.04	0.41	0.25	0.64	2.17	11.3	0.68	1.67	0.29	1.17
1984	0.18	0.053	1.16	0.021	0	0.009	0.14	1.06	0.39	-	-	-
Average	2.3	3.7	1.9	0.2	1	0.1	2	2.7	0.7	1	1.1	0.8
Max	7.8	9.5	5.1	0.5	5.7	0.6	7.9	11.3	2.7	1.7	5	2.8
Min	0	0.1	0.2	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367685
 USGS Station Name: AH-SHI-SLE-PAH WASH NEAR KIMBETO, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	0	0	8	485	210	2	2	26	0	-
1978	36	47	38	2	350	0	0	2	159	104	295	57	1,090
1979	264	525	63	11	63	4	50	95	0	73	83	2	1,230
1980	178	129	9	5	2	0	0	42	0	47	0	43	460
1981	0	34	315	28	0	14	70	60	27	84	2	0	630
1982	22	475	193	1	65	0	228	160	86	0	26	172	1,430
1983	477	232	125	24	15	38	133	695	40	103	17	72	1,970
1984	11	3	71	1	0	1	9	65	23	-	-	-	-
Average	141	206	116	9	62	8	122	166	42	59	64	49	1,140
90% Probability	7	22	26	1	0	0	0	30	0	1	1	0	550

Average Monthly Flow
USGS Station: 9367687
Kim-Me-Ni-Oli Wash near Crownpoint, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367687

USGS Station Name: KIM-ME-NI-OLI WASH NR CROWNPOINT, NM

Watershed: CHACO

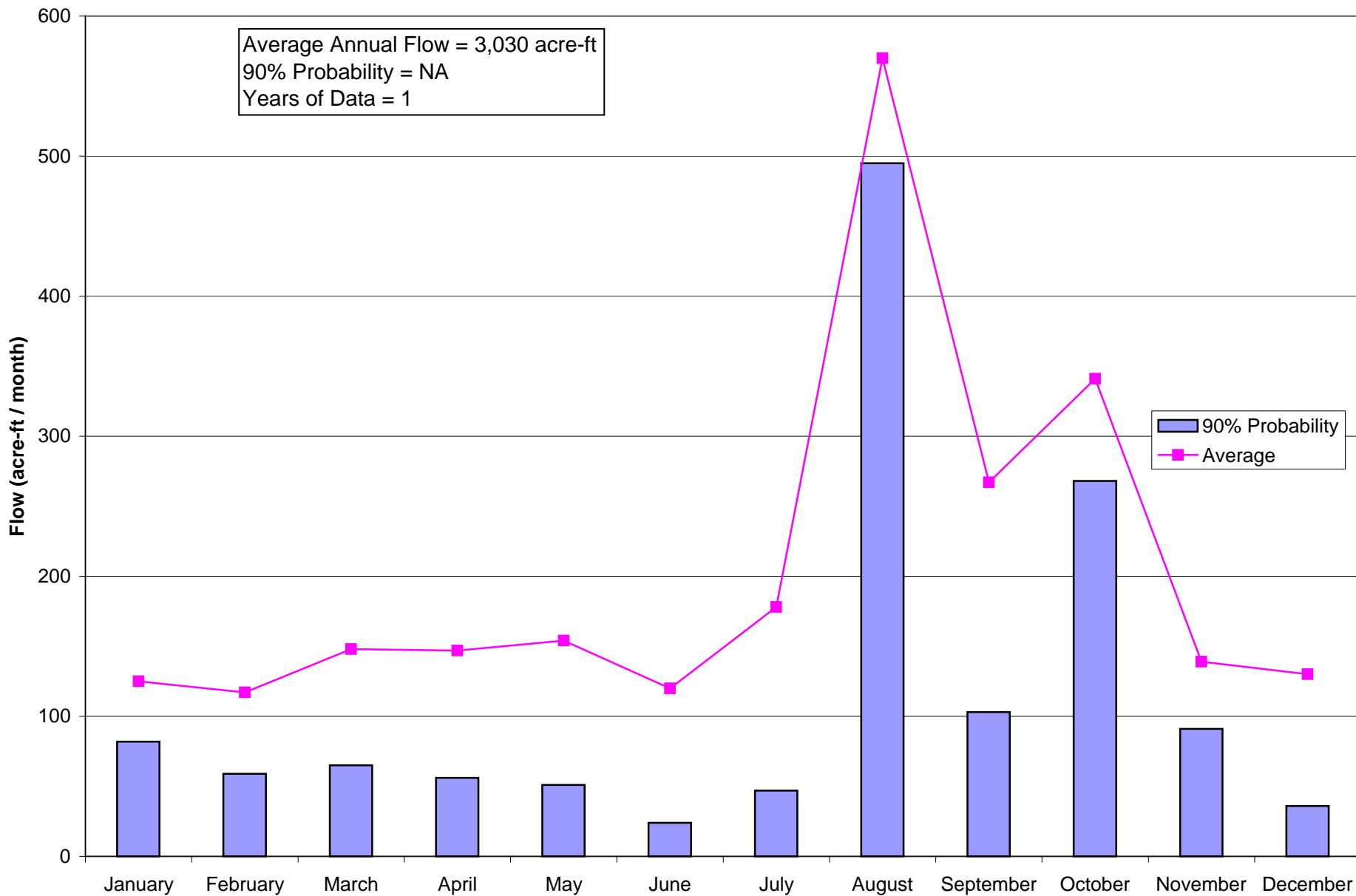
Year	January	February	March	April	May	June	July	August	September	October	November	December
1981	-	-	-	-	-	-	-	-	-	8.07	3.94	3.72
1982	2.58	5.08	5.53	4.86	4.75	5.36	5.07	5.33	11.7	5.07	2.14	0.98
1983	1.23	1.12	0.94	0.82	0.46	0.1	0.8	16.3	2.95	-	-	-
Average	1.9	3.1	3.2	2.8	2.6	2.7	2.9	10.8	7.3	6.6	3	2.4
Max	2.6	5.1	5.5	4.9	4.8	5.4	5.1	16.3	11.7	8.1	3.9	3.7
Min	1.2	1.1	0.9	0.8	0.5	0.1	0.8	5.3	3	5.1	2.1	1

Monthly Flows (acre-feet)

USGS Station ID: 9367687
 USGS Station Name: KIM-ME-NI-OLI WASH NR CROWNPOINT, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1981	-	-	-	-	-	-	-	-	-	496	234	229	-
1982	159	282	340	289	292	319	312	328	696	312	127	60	3,520
1983	76	62	58	49	28	6	49	1,002	176	-	-	-	-
Average	118	172	199	169	160	163	181	665	436	404	181	145	3,520
90% Probablility	84	84	86	73	54	37	75	395	228	330	138	77	3,520

Average Monthly Flow
USGS Station: 9367689
Kim-Me-Ni-Oli Wash near Lake Valley, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367689

USGS Station Name: KIM-ME-NI-OLI WASH NR LAKE VALLEY, NM

Watershed: CHACO

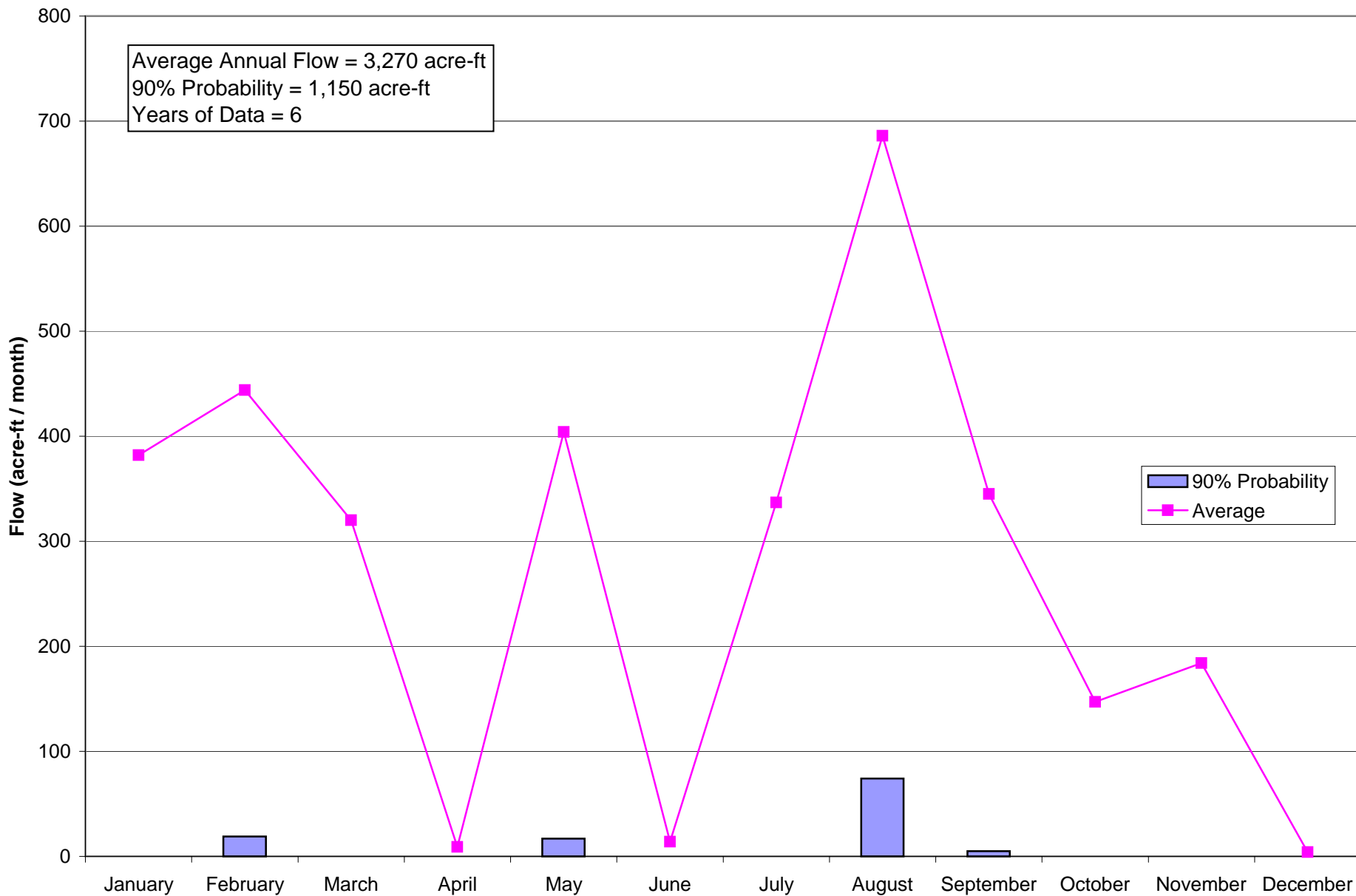
Year	January	February	March	April	May	June	July	August	September	October	November	December
1981	-	-	-	-	-	-	-	-	-	7.03	3.34	4.04
1982	2.91	3.4	4.1	4.39	4.58	4.03	5.55	7.74	7.94	4.06	1.32	0.19
1983	1.16	0.81	0.71	0.56	0.4	0.001	0.23	10.8	1.04	-	-	-
Average	2	2.1	2.4	2.5	2.5	2	2.9	9.3	4.5	5.5	2.3	2.1
Max	2.9	3.4	4.1	4.4	4.6	4	5.6	10.8	7.9	7	3.3	4
Min	1.2	0.8	0.7	0.6	0.4	0	0.2	7.7	1	4.1	1.3	0.2

Monthly Flows (acre-feet)

USGS Station ID: 9367689
 USGS Station Name: KIM-ME-NI-OLI WASH NR LAKE VALLEY, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1981	-	-	-	-	-	-	-	-	-	432	199	248	-
1982	179	189	252	261	282	240	341	476	472	250	79	12	3,030
1983	71	45	44	33	25	0	14	664	62	-	-	-	-
Average	125	117	148	147	154	120	178	570	267	341	139	130	3,030
90% Probablility	82	59	65	56	51	24	47	495	103	268	91	36	3,030

Average Monthly Flow
USGS Station: 9367710
De-Na-Zin Wash near Bisti Trading Post, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367710

USGS Station Name: DE-NA-ZIN WASH NR BISTI TRADING POST, NM

Watershed: CHACO

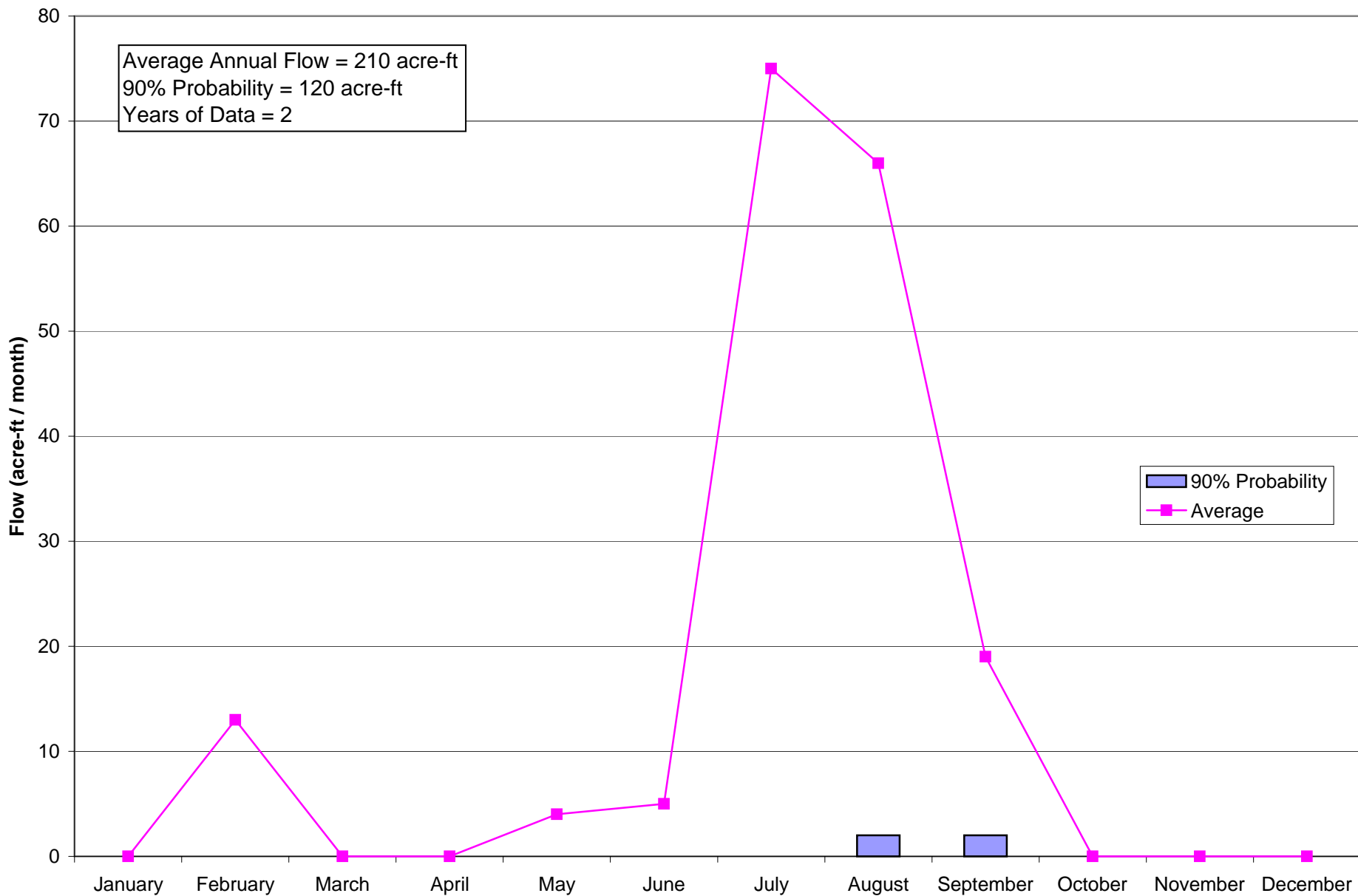
Year	January	February	March	April	May	June	July	August	September	October	November	December
1976	0	1.84	0	0	1.8	0	2.55	8.95	1.68	0	0	0
1977	0.18	0.56	0.088	0	0.6	0	9.17	7.32	0.77	0	2.33	0
1978	0	0.94	2.64	0.25	41.1	0	0.006	0.8	12.4	5.84	13.4	0.35
1979	25.8	28.6	24	0.34	0.35	0	7.7	43.1	0	3.26	2.8	0
1980	17.5	14.4	0.005	0.04	0.15	0	0	1.78	0.15	0.13	0	0.059
1981	0	0.005	7.12	0.44	0.57	1.63	17.6	1.47	5.07	5.11	0	0
1982	0	9.09	2.63	0	1.37	0	1.39	14.7	20.5	-	-	-
Average	6.2	7.9	5.2	0.2	6.6	0.2	5.5	11.2	5.8	2.4	3.1	0.1
Max	25.8	28.6	24	0.4	41.1	1.6	17.6	43.1	20.5	5.8	13.4	0.4
Min	0	0	0	0	0.2	0	0	0.8	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367710
 USGS Station Name: DE-NA-ZIN WASH NR BISTI TRADING POST, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1976	0	106	0	0	111	0	157	550	100	0	0	0	1,020
1977	11	31	5	0	37	0	564	450	46	0	139	0	1,280
1978	0	52	162	15	2,527	0	0	49	738	359	797	22	4,720
1979	1,586	1,588	1,476	20	22	0	473	2,650	0	200	167	0	8,180
1980	1,076	828	0	2	9	0	0	109	9	8	0	4	2,050
1981	0	0	438	26	35	97	1,082	90	302	314	0	0	2,380
1982	0	505	162	0	84	0	85	904	1,220	-	-	-	-
Average	382	444	320	9	404	14	337	686	345	147	184	4	3,270
90% Probablility	0	19	0	0	17	0	0	74	5	0	0	0	1,150

Average Monthly Flow
USGS Station: 9367900
Black Springs Wash near Mexican Springs, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367900

USGS Station Name: BLACK SPRINGS WASH NR MEXICAN SPRINGS, NM

Watershed: CHACO

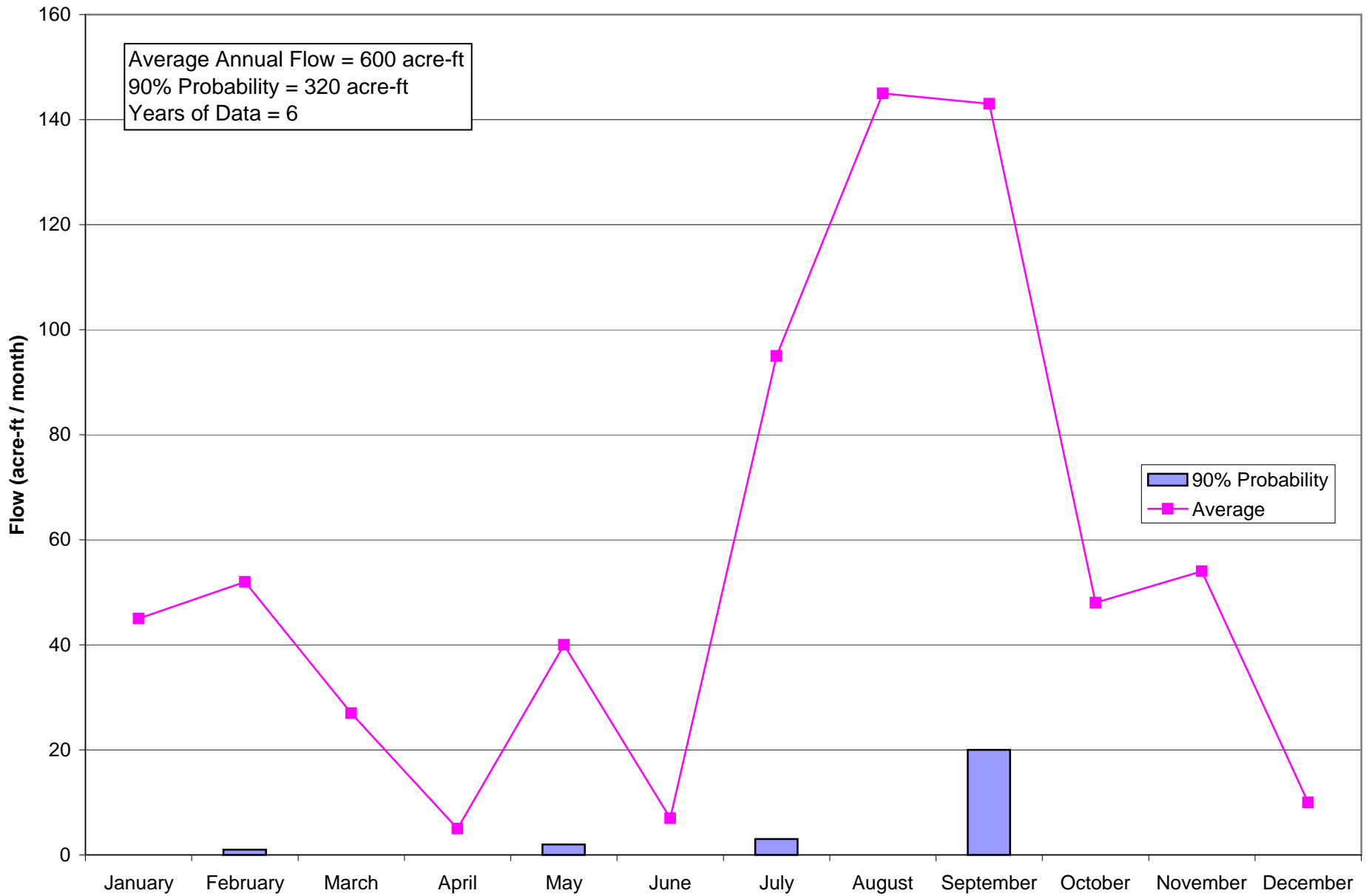
Year	January	February	March	April	May	June	July	August	September	October	November	December
1979	-	-	-	-	0.23	0.31	0	2.21	0	0.007	0	0
1980	0	0.7	0	0	0	0	0	0	1.01	0	0	0
1981	0	0	0	0	0	0	4.89	0.12	0.17	0	0	0
1982	0	0	0	0	0	0	0	1.97	0.1	-	-	-
Average	0	0.2	0	0	0.1	0.1	1.2	1.1	0.3	0	0	0
Max	0	0.7	0	0	0.2	0.3	4.9	2.2	1	0	0	0
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367900
 USGS Station Name: BLACK SPRINGS WASH NR MEXICAN SPRINGS, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1979	-	-	-	-	14	18	0	136	0	0	0	0	-
1980	0	40	0	0	0	0	0	0	60	0	0	0	100
1981	0	0	0	0	0	0	301	7	10	0	0	0	320
1982	0	0	0	0	0	0	0	121	6	-	-	-	-
Average	0	13	0	0	4	5	75	66	19	0	0	0	210
90% Probablility	0	0	0	0	0	0	0	2	2	0	0	0	120

Average Monthly Flow
USGS Station: 9367930
Hunter Wash at Bisti Trading Post, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367930

USGS Station Name: HUNTER WASH AT BISTI TRADING POST, NM

Watershed: CHACO

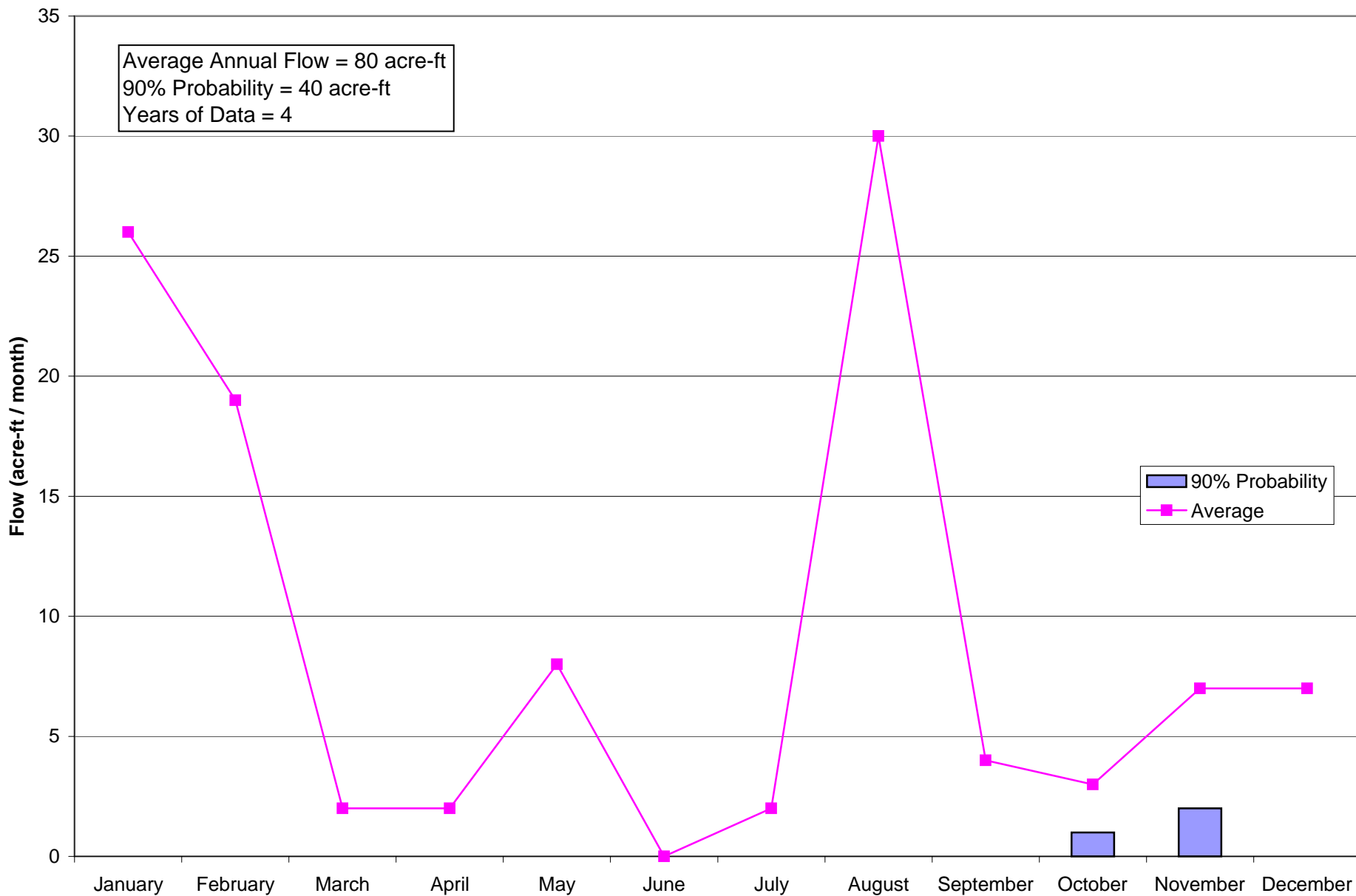
Year	January	February	March	April	May	June	July	August	September	October	November	December
1975	-	-	-	0.33	0.71	0	4.95	0.006	2.86	0	0	0
1976	0.011	0.016	0	0	0.17	0.12	0.22	5.77	2.04	0	0	0
1977	0.27	0.15	0.018	0.05	0.043	0	2	4.17	0.47	0.006	0.4	0
1978	0.16	0.15	0.48	0.2	2.7	0	0	0.23	5.81	0.84	5.43	1.17
1979	2.98	2.24	0.75	0.01	0.042	0	0.11	2.04	0	0.83	0.39	0
1980	1.68	0.56	0	0	0.014	0	0.061	0	0.61	0.005	0.001	0
1981	0	0	0.94	0.019	0.64	0.81	3.63	0.69	3.82	3.84	0.083	0
1982	0	3.41	0.84	0.06	0.87	0	1.41	6.03	3.58	-	-	-
Average	0.7	0.9	0.4	0.1	0.6	0.1	1.5	2.4	2.4	0.8	0.9	0.2
Max	3	3.4	0.9	0.3	2.7	0.8	5	6	5.8	3.8	5.4	1.2
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367930
 USGS Station Name: HUNTER WASH AT BISTI TRADING POST, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1975	-	-	-	20	44	0	304	0	170	0	0	0	-
1976	1	1	0	0	10	7	14	355	121	0	0	0	510
1977	17	8	1	3	3	0	123	256	28	0	24	0	460
1978	10	8	30	12	166	0	0	14	346	52	323	72	1,030
1979	183	124	46	1	3	0	7	125	0	51	23	0	560
1980	103	32	0	0	1	0	4	0	36	0	0	0	180
1981	0	0	58	1	39	48	223	42	227	236	5	0	880
1982	0	189	52	4	53	0	87	371	213	-	-	-	-
Average	45	52	27	5	40	7	95	145	143	48	54	10	600
90% Probability	0	1	0	0	2	0	3	0	20	0	0	0	320

Average Monthly Flow
USGS Station: 9367934
Teec-Ni-Di-Tso Wash near Burnham, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367934

USGS Station Name: TEEC-NI-DI-TSO WASH NR BURNHAM, NM

Watershed: CHACO

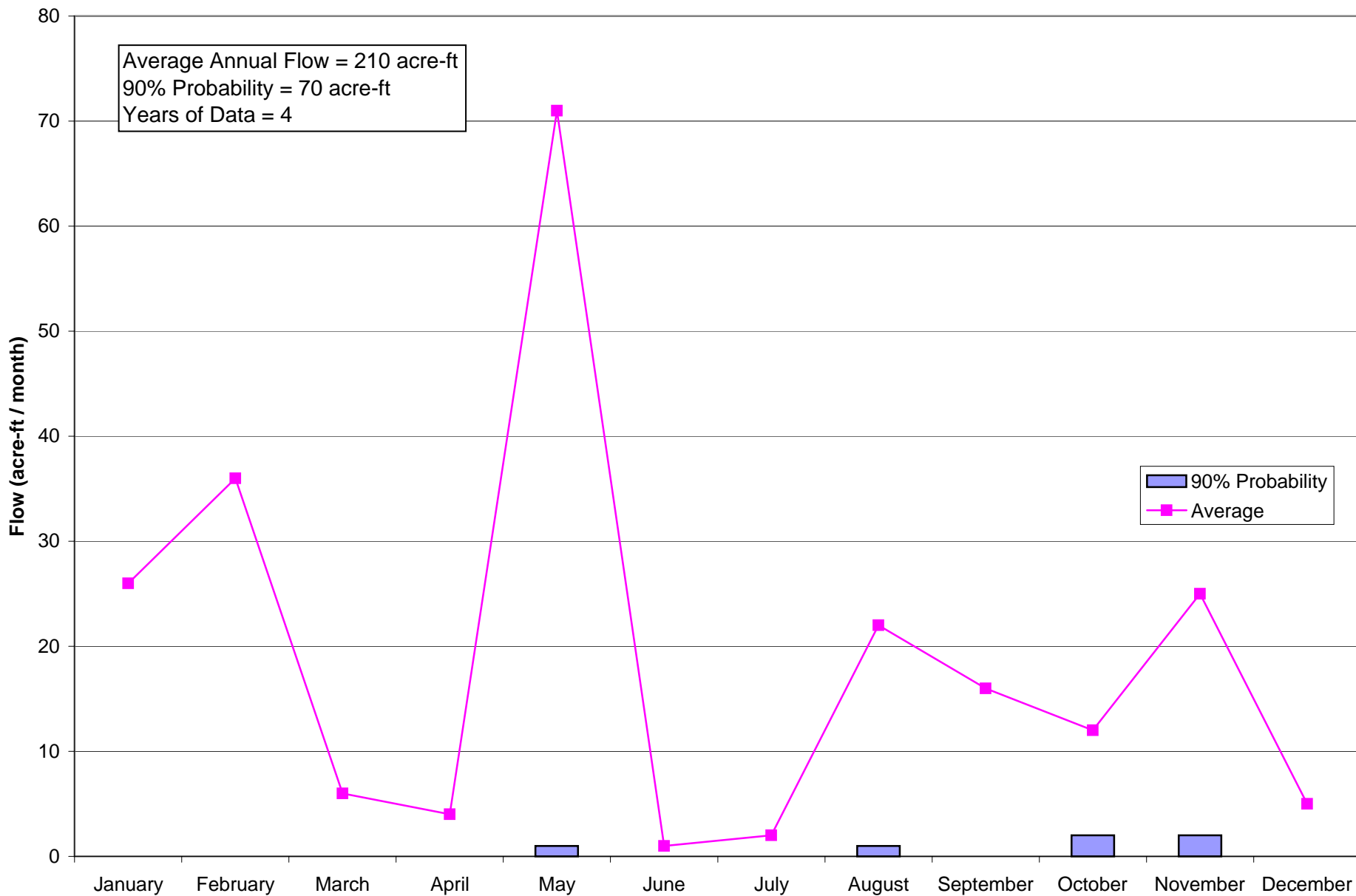
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0.046	0.088	0
1978	0	0	0	0.04	0.35	0	0	0.035	0.3	0.084	0.27	0.6
1979	1.41	0	0.008	0.004	0.019	0.024	0	0.023	0.003	0.071	0.17	0
1980	0.72	0.24	0	0	0.048	0	0	0.19	0.001	0	0	0
1981	0	0	0.12	0.077	0	0.007	0.12	0.006	0.026	0.081	0.064	0
1982	0	1.44	0.077	0.033	0.19	0	0.047	2.18	0.002	-	-	-
Average	0.4	0.3	0	0	0.1	0	0	0.5	0.1	0.1	0.1	0.1
Max	1.4	1.4	0.1	0.1	0.4	0	0.1	2.2	0.3	0.1	0.3	0.6
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367934
 USGS Station Name: TEEC-NI-DI-TSO WASH NR BURNHAM, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	3	5	0	-
1978	0	0	0	2	22	0	0	2	18	5	16	37	100
1979	87	0	0	0	1	1	0	1	0	4	10	0	100
1980	44	14	0	0	3	0	0	12	0	0	0	0	70
1981	0	0	7	5	0	0	7	0	2	5	4	0	30
1982	0	80	5	2	12	0	3	134	0	-	-	-	-
Average	26	19	2	2	8	0	2	30	4	3	7	7	80
90% Probablility	0	0	0	0	0	0	0	0	0	1	2	0	40

Average Monthly Flow
USGS Station: 9367936
Burnham Wash near Burnham, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367936

USGS Station Name: BURNHAM WASH NR BURNHAM, NM

Watershed: CHACO

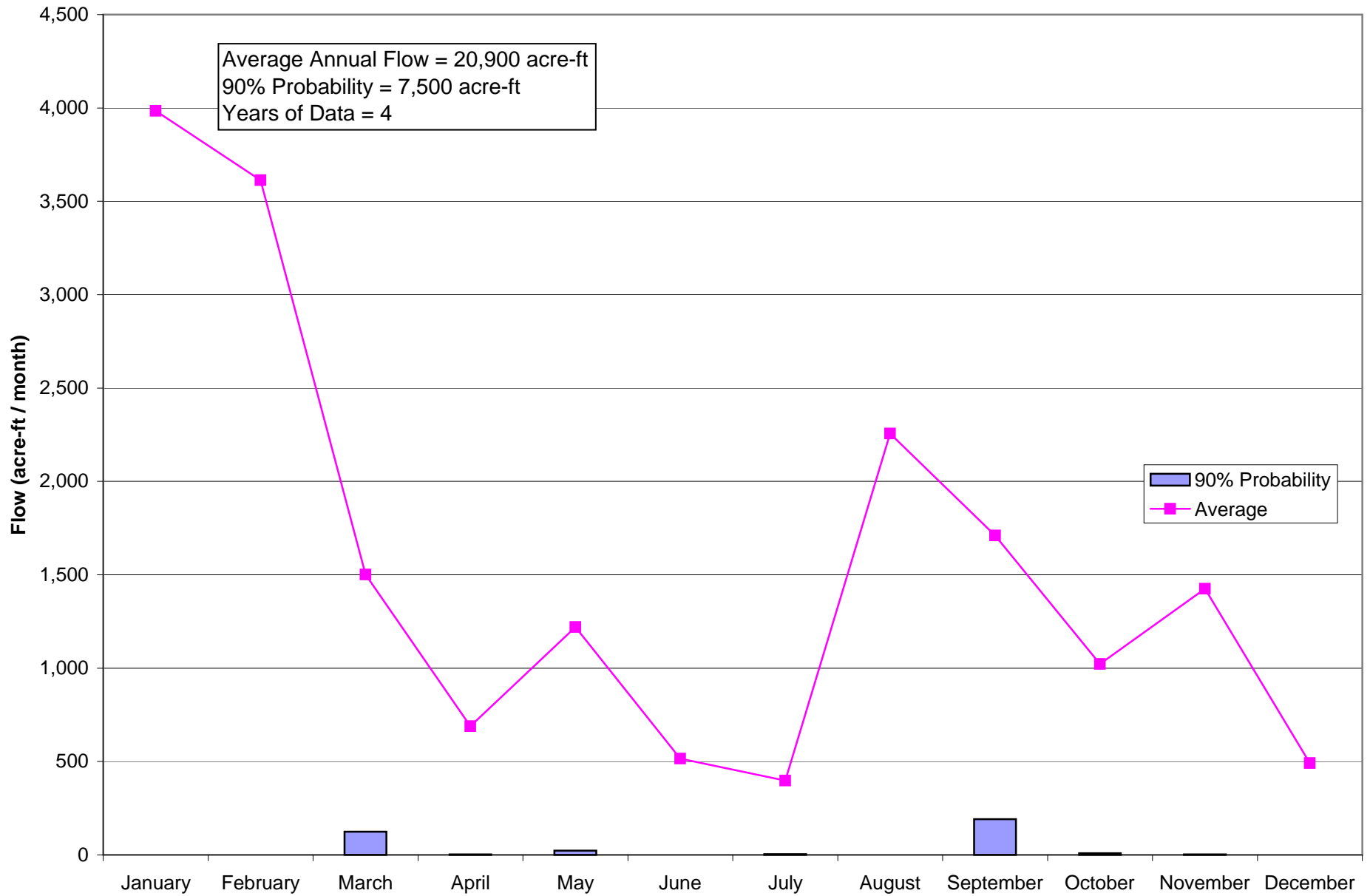
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0.29	0.32	0
1978	0.17	0.068	0.1	0.18	5.48	0	0	0.053	1.13	0.41	1.53	0.37
1979	1.54	0	0.012	0.005	0.029	0.036	0	0.035	0.005	0.071	0.22	0.039
1980	0.42	0.39	0.007	0.006	0.068	0	0.005	0.28	0.087	0.01	0	0
1981	0	0	0.25	0.067	0.009	0.053	0.16	0.004	0.14	0.23	0.059	0
1982	0	2.81	0.12	0.061	0.19	0	0	1.46	0.001	-	-	-
Average	0.4	0.7	0.1	0.1	1.2	0	0	0.4	0.3	0.2	0.4	0.1
Max	1.5	2.8	0.3	0.2	5.5	0.1	0.2	1.5	1.1	0.4	1.5	0.4
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367936
 USGS Station Name: BURNHAM WASH NR BURNHAM, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	18	19	0	-
1978	10	4	6	11	337	0	0	3	67	25	91	23	580
1979	95	0	1	0	2	2	0	2	0	4	13	2	120
1980	26	22	0	0	4	0	0	17	5	1	0	0	80
1981	0	0	15	4	1	3	10	0	8	14	4	0	60
1982	0	156	7	4	12	0	0	90	0	-	-	-	-
Average	26	36	6	4	71	1	2	22	16	12	25	5	210
90% Probablility	0	0	0	0	1	0	0	1	0	2	2	0	70

Average Monthly Flow
USGS Station: 9367938
Chaco River near Burnham, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367938

USGS Station Name: CHACO RIVER NR BURNHAM, NM

Watershed: CHACO

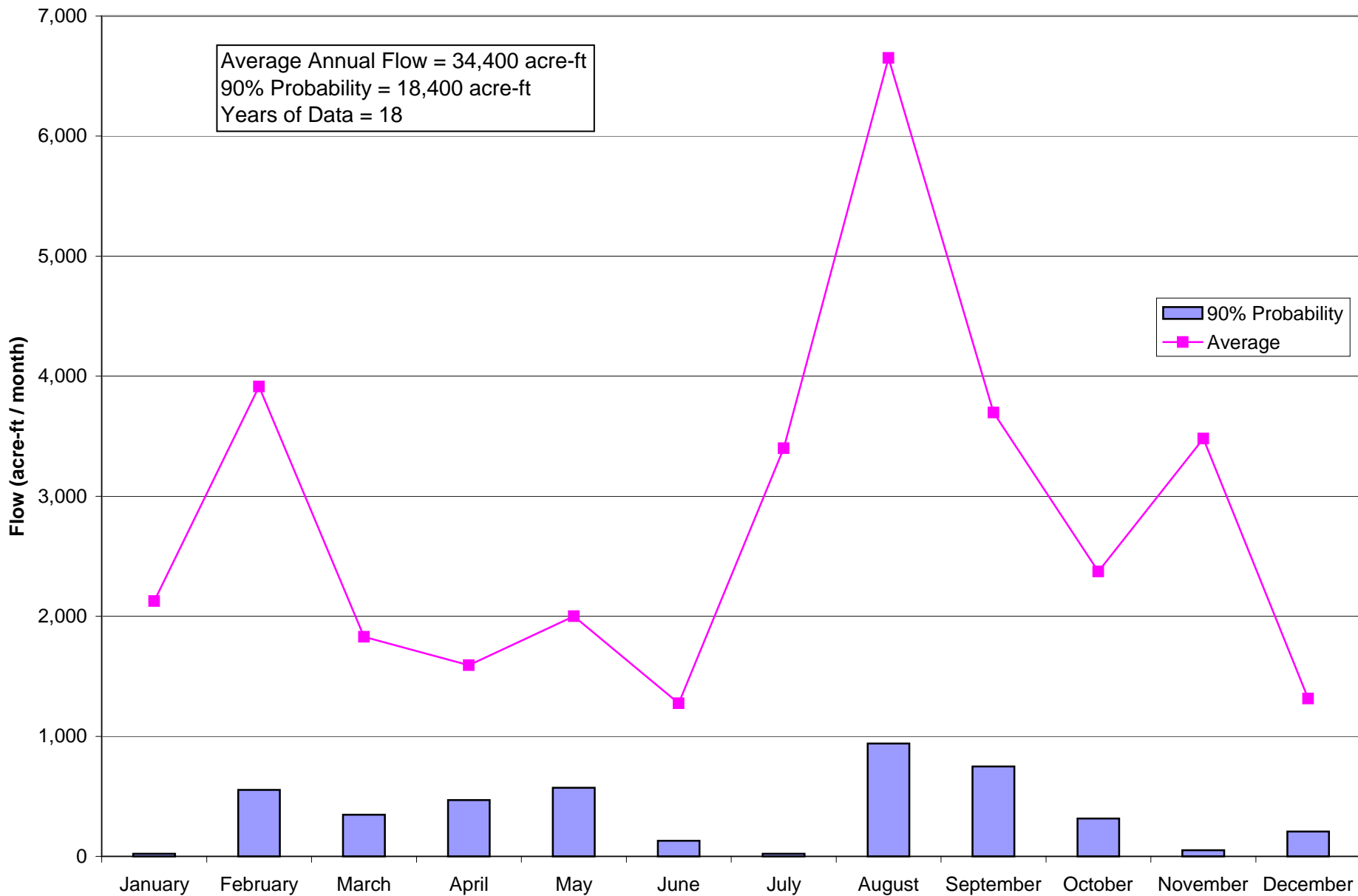
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0	4.84	0
1978	0.081	7.45	14.1	0	50.4	0	0.077	3.28	103	18	110	39.9
1979	309	276	81.6	30.9	20.2	9.06	0.79	51.2	0	8.24	4.85	0
1980	14.9	40.4	0	18	27.7	0	0.055	0	15.4	0.36	0	0
1981	0	0	5.05	0.14	0	34.2	31.1	0	17.3	56.6	0.083	0
1982	0	0	21.3	8.82	0.95	0	0.33	129	8.03	-	-	-
Average	64.8	64.8	24.4	11.6	19.9	8.7	6.5	36.7	28.7	16.6	24	8
Max	309	276	81.6	30.9	50.4	34.2	31.1	129	103	56.6	110	39.9
Min	0	0	0	0	0	0	0.1	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367938
 USGS Station Name: CHACO RIVER NR BURNHAM, NM
 Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	0	288	0	-
1978	5	414	867	0	3,099	0	5	202	6,129	1,107	6,545	2,453	20,800
1979	19,000	15,328	5,017	1,839	1,242	539	49	3,148	0	507	289	0	47,000
1980	916	2,324	0	1,071	1,703	0	3	0	916	22	0	0	7,000
1981	0	0	311	8	0	2,035	1,912	0	1,029	3,480	5	0	8,800
1982	0	0	1,310	525	58	0	20	7,932	478	-	-	-	-
Average	3,984	3,613	1,501	689	1,220	515	398	2,256	1,710	1,023	1,425	491	20,900
90% Probablility	0	0	124	3	23	0	4	0	191	9	2	0	7,500

Average Monthly Flow
USGS Station: 9367950
Chaco River near Waterflow, NM
Watershed: Chaco



Average Monthly Flows (cfs)

USGS Station ID: 9367950

USGS Station Name: CHACO RIVER NEAR WATERFLOW , NM

Watershed: CHACO

Year	January	February	March	April	May	June	July	August	September	October	November	December
1975	-	-	-	-	-	-	-	-	-	-	13.2	14.1
1976	9.95	12.2	13.5	10.9	12	11.1	18.7	53.8	27.4	22.2	25.9	21.6
1977	16.9	10.7	10.6	9.76	11.1	9.23	105	187	14	11.4	19.8	16.8
1978	19.3	32.1	42.5	22.5	82.2	19.8	19.7	16.3	114	56.2	148	57.8
1979	217	277	84.8	56.3	28.2	14.5	21.7	43	32.1	37.3	16.5	4.03
1980	24.4	56	13.8	24.9	52.5	10.2	14.7	18	31.2	19.1	21.1	12
1981	19.7	15.3	15	18.6	19	17.9	51.8	7.09	32.8	97.6	17.9	14
1982	0.21	28.9	49.2	19.6	25	1.81	17	252	86.4	21.4	18.1	21.3
1983	42.3	42.6	30.1	32.4	50.4	19.1	40.4	162	19.8	108	0.97	25.8
1984	13.8	12.5	5.6	22.2	14.9	2.3	20.7	119	53.6	40.8	0.35	0.61
1985	15.6	63.4	21.1	161	65.3	16.3	25.2	54.5	26.6	29	18.6	0.14
1986	0.16	7.06	11.2	30.1	18.7	49	487	54.1	38.4	117	430	38.8
1987	17.9	78.9	177	23.6	21	15.7	0	24.4	15.3	9.43	42.6	13.6
1988	15.2	171	39.9	15	19.9	136	8.65	434	272	0.076	0.36	9.3
1989	12.9	112	8.85	19.6	22.3	0.83	77.1	77.3	6	6.75	6.44	15
1990	10.6	6.35	5.63	8.89	110	5.98	22.9	110	89.9	101	9.19	9.32
1991	16.4	229	4.88	0.13	10	31.1	0.41	63.8	155	8.41	286	107
1992	0.37	134	6.16	9.02	2.26	5.04	105	76.8	6.85	1.36	9.93	5.38
1993	185	14.7	10.6	3.96	6.53	17.7	0.18	291	51.3	7.74	26.4	19.8
1994	19.1	21.3	14.9	19.8	46.6	23.4	14.2	11.3	108	-	-	-
Average	34.6	69.7	29.8	26.8	32.5	21.4	55.3	108.2	62.1	38.6	58.5	21.4
Max	217	277	177	161	110	136	487	434	272	117	430	107
Min	0.2	6.4	4.9	0.1	2.3	0.8	0	7.1	6	0.1	0.4	0.1

Monthly Flows (acre-feet)

USGS Station ID: 9367950
 USGS Station Name: CHACO RIVER NEAR WATERFLOW , NM
 Watershed: CHACO

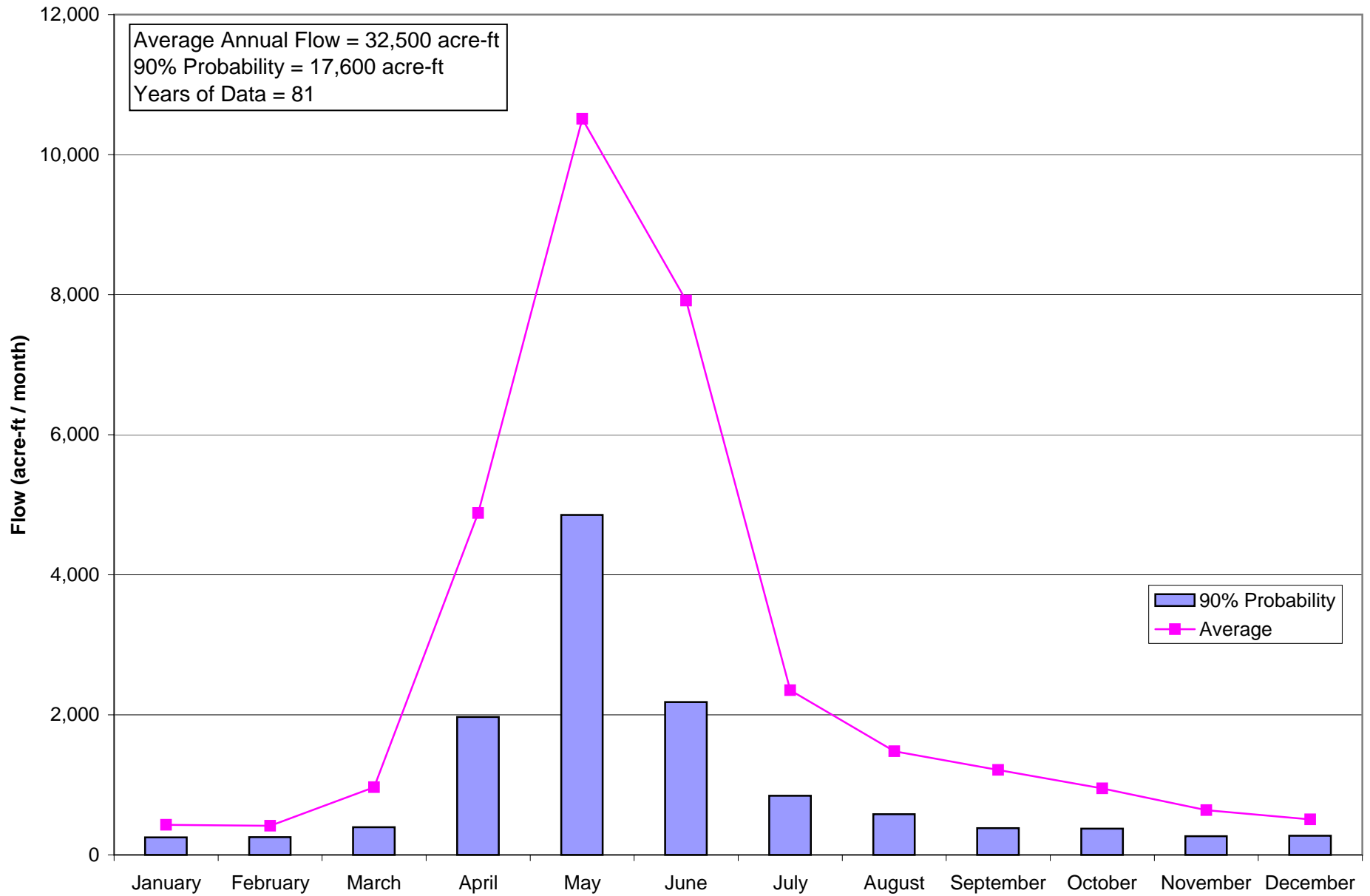
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1975	-	-	-	-	-	-	-	-	-	-	785	867	-
1976	612	702	830	649	738	660	1,150	3,308	1,630	1,365	1,541	1,328	14,500
1977	1,039	594	652	581	683	549	6,456	11,498	833	701	1,178	1,033	25,800
1978	1,187	1,783	2,613	1,339	5,054	1,178	1,211	1,002	6,783	3,456	8,807	3,554	38,000
1979	13,343	15,384	5,214	3,350	1,734	863	1,334	2,644	1,910	2,293	982	248	49,300
1980	1,500	3,221	849	1,482	3,228	607	904	1,107	1,857	1,174	1,256	738	17,900
1981	1,211	850	922	1,107	1,168	1,065	3,185	436	1,952	6,001	1,065	861	19,800
1982	13	1,605	3,025	1,166	1,537	108	1,045	15,495	5,141	1,316	1,077	1,310	32,800
1983	2,601	2,366	1,851	1,928	3,099	1,137	2,484	9,961	1,178	6,641	58	1,586	34,900
1984	849	719	344	1,321	916	137	1,273	7,317	3,189	2,509	21	38	18,600
1985	959	3,521	1,297	9,580	4,015	970	1,549	3,351	1,583	1,783	1,107	9	29,700
1986	10	392	689	1,791	1,150	2,916	29,944	3,326	2,285	7,194	25,587	2,386	77,700
1987	1,101	4,382	10,883	1,404	1,291	934	0	1,500	910	580	2,535	836	26,400
1988	935	9,836	2,453	893	1,224	8,093	532	26,686	16,185	5	21	572	67,400
1989	793	6,220	544	1,166	1,371	49	4,741	4,753	357	415	383	922	21,700
1990	652	353	346	529	6,764	356	1,408	6,764	5,349	6,210	547	573	29,900
1991	1,008	12,718	300	8	615	1,851	25	3,923	9,223	517	17,018	6,579	53,800
1992	23	7,708	379	537	139	300	6,456	4,722	408	84	591	331	21,700
1993	11,375	816	652	236	402	1,053	11	17,893	3,053	476	1,571	1,217	38,800
1994	1,174	1,183	916	1,178	2,865	1,392	873	695	6,426	-	-	-	-
Average	2,126	3,913	1,829	1,592	2,000	1,275	3,399	6,652	3,697	2,373	3,481	1,315	34,400
90% Probablility	21	554	346	470	572	131	22	941	748	316	51	206	18,400

Appendix C-4 USGS Gages in the La Plata Watershed

The USGS Gages included in the La Plata Watershed are:

USGS Station ID	Name	Watershed
9365500	La Plata River at Hesperus, CO	La Plata
9366500	La Plata River at Colorado – New Mexico State Line	La Plata
9367400	La Plata River Tributary near Farmington, NM	La Plata
9367500	La Plata River near Farmington, NM	La Plata

Average Monthly Flow
USGS Station: 9365500
La Plata River at Hesperus, CO
Watershed: La Plata



Average Monthly Flows (cfs)

USGS Station ID: 9365500
 USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
1917	-	-	-	-	-	-	-	-	-	3.36	3.5	3.5
1918	3.5	3.5	9	33.5	128	72.2	23	12.9	18.6	8	9	9
1919	8.85	6.65	8	141	242	82.5	71.2	39	23.1	7.91	12.5	12.9
1920	11	10	17	63	346	338	77	22	8	8	9	8
1921	7	6	33	83.1	207	251	47.4	57.6	20.4	9.15	6.15	6
1922	5	4	6.39	67.4	237	212	31.9	13.7	9	6	5	4
1923	4	5	8	69	305	252	63.5	63.9	20.2	16.6	16.3	14.5
1924	9.9	9	10.7	203	316	102	15.4	7.96	7.34	6.03	4.35	5.4
1925	4.6	5.5	10	63.9	138	73	30.1	26.4	68.6	18.7	18.9	17
1926	15	13	18	127	192	167	45.3	17.2	12	25.2	15.8	16
1927	15	15	21	131	269	168	58.9	16.5	124	26.4	20.7	10.2
1928	7	10	29	69.4	170	81.9	20	10.1	7.4	8.54	8.59	8.5
1929	6.5	6.4	13	85.3	209	121	39.1	67.7	61.9	16.5	5	5
1930	4.5	6.5	15	99.2	105	74	18.1	46.7	9.57	6.48	6.17	6
1931	4	4	5	24.8	89	48.4	22.5	14	22.1	20.8	9.5	7
1932	9	9	20.7	154	243	114	41.1	41.8	20.8	11.2	8.2	7
1933	4.7	5.3	10	34.8	103	112	37.7	10.5	19.6	20.3	5	5
1934	5	10	16.7	63.8	52.8	15.6	10.5	10	9.57	6.65	4.23	5
1935	7	9	14	95.9	149	277	56.2	19.8	13.8	11	5.5	4.4
1936	4.5	6	26.3	167	183	51.9	16.7	37.8	21.2	12.8	9.57	9
1937	8.6	7.4	8	150	265	81.3	45.2	15.1	7.12	8.06	3.11	2.94
1938	2.65	4.06	5.67	178	217	155	41.6	14.8	28.6	12.1	8.23	5.6
1939	6.49	5.29	14.2	66.7	91.4	37.7	8.8	6.58	19.1	6.62	5.62	4.19
1940	4.3	4.8	12.2	74.7	124	48.6	13.7	8.3	19.4	34.1	6.93	8.13
1941	6.98	6.91	11.3	44.6	384	367	117	24.9	70.9	148	54.3	19.5
1942	13.3	12.3	18.5	117	191	132	33.3	13.5	8.68	7.48	7.55	5.49
1943	5.08	5.7	11.7	171	177	93.4	25.9	18.2	9.57	8.06	10.7	7.28
1944	7.47	8.31	8.49	55.8	285	225	46.8	14.2	6.41	8.11	8.21	10.3
1945	5.74	6.38	6.92	51.7	223	104	30.1	14.4	6.14	7.99	6.51	4.95
1946	4.79	6.06	10.3	63.9	60.6	57.4	12.6	14.9	12.5	10.6	7.65	7.96
1947	7.47	8.22	16.7	44.8	165	73.2	26.9	44.1	21.8	30.6	15	11

Average Monthly Flows (cfs)

USGS Station ID: 9365500

USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.

Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
1948	12.7	9	8.39	116	247	105	29.3	17.1	5.87	6.89	5.48	8.11
1949	5.61	5.38	8.13	94.3	180	347	82.5	27.5	8.65	11.5	13	7.71
1950	5.81	6.97	8.57	106	85.2	62	18.1	7.12	6.93	8.21	5.61	5.33
1951	4.25	4.73	7.32	28.4	114	75.8	20.4	13.9	8.21	6.48	6.3	5.87
1952	6.12	6.86	7.6	146	333	290	48.2	17.4	9.17	8.76	6.19	7.85
1953	7.79	7.14	10.4	79.4	101	93.2	19.9	19.3	7.88	5.65	11.5	9.55
1954	7.36	7.99	10.1	60.7	96.5	29.4	34.2	17	17.7	23	8.15	5.94
1955	6.65	5.47	8.24	41.2	99.1	56.2	18.9	49.2	12.3	4.56	4.37	5.56
1956	5.77	6.59	38.6	63.2	118	56.6	13.9	9.45	3.73	3.27	4.17	3.4
1957	3.94	4.37	6.3	55.3	141	409	154	75.4	29.2	12.5	17.1	14.5
1958	10.8	9.96	11.1	114	335	150	18.6	19.7	19.9	10	8.52	7.2
1959	5.4	5.2	6.45	29.7	77.4	37	10.3	14.1	7	10.2	14.9	10.7
1960	9.5	6.5	29.7	169	172	130	18	9.55	5.06	8.02	12.9	7.5
1961	7	6	12.3	100	181	61.5	15.6	16.5	23.7	18.9	13.1	11
1962	10	12	10.6	122	121	69.9	28	7.8	4.61	10.6	10.1	8.55
1963	6.2	8	26.2	76.8	76.8	30.2	12.1	30.2	32.8	10.5	6.53	4.5
1964	3.5	3.7	4.6	24.8	146	49	20	73.4	14.3	5.21	4	3.5
1965	4	8	12	89.8	185	253	118	45.7	40.9	22	15.9	15
1966	11	10	28	108	171	62	18.6	11.3	10.2	4.6	4.24	6
1967	4.5	9	23.8	33	90	51.5	25.2	34.8	29	8.98	4.99	4.5
1968	5.5	6.5	18	54.4	169	186	35.5	39.7	9	7.29	5.89	5.62
1969	5.81	6.57	6.46	118	209	91.4	60.4	22.5	22.8	27.3	21.1	14.2
1970	9.26	8.47	9.01	31.2	140	56.8	26.2	21.2	81.4	16.4	14.1	13.5
1971	11	18	24.5	57.1	77.4	77.4	24.6	24.1	15.9	17.3	18.2	11.4
1972	8.98	9.4	39.3	33.5	48.2	36.6	11.4	7.37	10.5	87.4	31.5	19.6
1973	14.7	12	14.3	60.6	271	319	91.3	27.8	19.1	9.22	6.69	5.53
1974	5.72	5.39	7.88	29.3	85.6	35.1	19.7	12.2	5.45	8.73	12.4	8.56
1975	5.6	6.59	9.38	43.1	193	300	138	25.8	13.1	6.84	4.71	5.56
1976	5.31	6.57	12.8	62.5	117	62.7	19.2	12	12.7	12.3	6.39	4.3
1977	3.95	4.5	3.83	8.4	19.8	20.5	12.1	13.3	9.53	6.46	4.79	4.76
1978	4.31	3.94	5.98	86.6	151	174	36.1	12.8	6.37	4.73	8.56	6.62

Average Monthly Flows (cfs)

USGS Station ID: 9365500

USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.

Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
1979	5.89	5.31	9.06	97.6	301	261	72	24.6	11.4	7.06	6.14	5.37
1980	5.86	5.44	6.45	80.9	213	421	62.1	16.7	31.3	10.2	9.84	7.25
1981	6.71	5.68	6.25	59.1	66.6	56.6	25.3	16.7	14.9	20.9	12	7.99
1982	6.54	6.23	11	61.9	163	152	35.6	48	39.5	15.1	9.72	10.2
1983	8.32	8.76	17.7	45.1	203	305	92.2	29.4	12.5	23	11.1	8.72
1984	7.52	9.4	23.1	70.4	246	88	22.1	22.3	12.7	14.3	14.8	9.48
1985	8.55	7.58	18.9	171	234	195	26.6	12.5	22.6	20.9	13.6	10.2
1986	11	13.3	43	107	229	170	43.1	18.9	32.2	49.1	36.7	20.4
1987	9.58	11.4	21.7	140	188	216	31.3	22.1	11.3	9.9	22.9	10.2
1988	8.27	8.13	22.2	68.5	118	76.3	23.1	24.6	31.3	12	7.29	7.66
1989	6.92	7.76	50.7	97.3	62.8	30.3	18.7	17	6.18	6.82	4.4	3.72
1990	2.89	3.06	5.85	21.7	86	58	31.3	18.2	19	19.4	12.7	8.29
1991	6.94	7.69	11.8	82.4	138	64.6	31.2	15.4	52.8	9.61	7.93	7.94
1992	7.16	8.01	15.5	118	221	120	24.9	22.2	17.8	9.78	8.49	7.05
1993	6.22	5.06	18.6	108	317	212	50.6	28.2	20.5	12.3	9.95	8.11
1994	6.21	6.1	16.6	64.1	157	94.1	17.2	8.27	12.7	11.8	12.5	5.93
1995	7.3	10.6	36.7	60.7	117	310	101	26.3	14.4	10.6	7.55	6.62
1996	5.59	6.47	11	51.2	85.4	29.1	17.1	8.54	15.5	29.9	17.4	12.9
1997	8.63	9.57	54.2	82.9	213	191	52.1	58.2	51.2	24	12.7	10
1998	8.24	7.44	23.4	50.2	151	67.2	22.3	12.3	6.51	-	14.8	7.96
1999	4.46	6.98	25.6	46.2	128	124	36.8	79.1	36.5	11.9	7.36	5.93
2000	4.61	5.07	9.55	89.4	130	36.1	11	10.2	8.59	-	-	-
Average	7	7.4	15.7	82.1	170.9	133.1	38.2	24.1	20.4	15.4	10.7	8.2
Max	15	18	54.2	203	384	421	154	79.1	124	148	54.3	20.4
Min	2.7	3.1	3.8	8.4	19.8	15.6	8.8	6.6	3.7	3.3	3.1	2.9

Monthly Flows (acre-feet)

USGS Station ID: 9365500
 USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1917	-	-	-	-	-	-	-	-	-	207	208	215	-
1918	215	194	553	1,993	7,870	4,296	1,414	793	1,107	492	536	553	20,000
1919	544	369	492	8,390	14,880	4,909	4,378	2,398	1,375	486	744	793	39,800
1920	676	575	1,045	3,749	21,275	20,112	4,735	1,353	476	492	536	492	55,500
1921	430	333	2,029	4,945	12,728	14,936	2,915	3,542	1,214	563	366	369	44,400
1922	307	222	393	4,011	14,573	12,615	1,961	842	536	369	298	246	36,400
1923	246	278	492	4,106	18,754	14,995	3,904	3,929	1,202	1,021	970	892	50,800
1924	609	518	658	12,079	19,430	6,069	947	489	437	371	259	332	42,200
1925	283	305	615	3,802	8,485	4,344	1,851	1,623	4,082	1,150	1,125	1,045	28,700
1926	922	722	1,107	7,557	11,806	9,937	2,785	1,058	714	1,549	940	984	40,100
1927	922	833	1,291	7,795	16,540	9,997	3,622	1,015	7,379	1,623	1,232	627	52,900
1928	430	575	1,783	4,130	10,453	4,873	1,230	621	440	525	511	523	26,100
1929	400	355	799	5,076	12,851	7,200	2,404	4,163	3,683	1,015	298	307	38,600
1930	277	361	922	5,903	6,456	4,403	1,113	2,871	569	398	367	369	24,000
1931	246	222	307	1,476	5,472	2,880	1,383	861	1,315	1,279	565	430	16,400
1932	553	518	1,273	9,164	14,941	6,783	2,527	2,570	1,238	689	488	430	41,200
1933	289	294	615	2,071	6,333	6,664	2,318	646	1,166	1,248	298	307	22,200
1934	307	555	1,027	3,796	3,247	928	646	615	569	409	252	307	12,700
1935	430	500	861	5,706	9,162	16,483	3,456	1,217	821	676	327	271	39,900
1936	277	345	1,617	9,937	11,252	3,088	1,027	2,324	1,261	787	569	553	33,000
1937	529	411	492	8,926	16,294	4,838	2,779	928	424	496	185	181	36,500
1938	163	225	349	10,592	13,343	9,223	2,558	910	1,702	744	490	344	40,600
1939	399	294	873	3,969	5,620	2,243	541	405	1,137	407	334	258	16,500
1940	264	276	750	4,445	7,624	2,892	842	510	1,154	2,097	412	500	21,800
1941	429	384	695	2,654	23,611	21,838	7,194	1,531	4,219	9,100	3,231	1,199	76,100
1942	818	683	1,138	6,962	11,744	7,855	2,048	830	516	460	449	338	33,800
1943	312	317	719	10,175	10,883	5,558	1,593	1,119	569	496	637	448	32,800
1944	459	478	522	3,320	17,524	13,388	2,878	873	381	499	489	633	41,400
1945	353	354	425	3,076	13,712	6,188	1,851	885	365	491	387	304	28,400
1946	295	337	633	3,802	3,726	3,416	775	916	744	652	455	489	16,200
1947	459	457	1,027	2,666	10,145	4,356	1,654	2,712	1,297	1,882	893	676	28,200
1948	781	518	516	6,902	15,187	6,248	1,802	1,051	349	424	326	499	34,600
1949	345	299	500	5,611	11,068	20,648	5,073	1,691	515	707	774	474	47,700
1950	357	387	527	6,307	5,239	3,689	1,113	438	412	505	334	328	19,600
1951	261	263	450	1,690	7,010	4,510	1,254	855	489	398	375	361	17,900
1952	376	395	467	8,688	20,475	17,256	2,964	1,070	546	539	368	483	53,600
1953	479	397	639	4,725	6,210	5,546	1,224	1,187	469	347	684	587	22,500

Monthly Flows (acre-feet)

USGS Station ID: 9365500
 USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.
 Watershed: LA PLATA

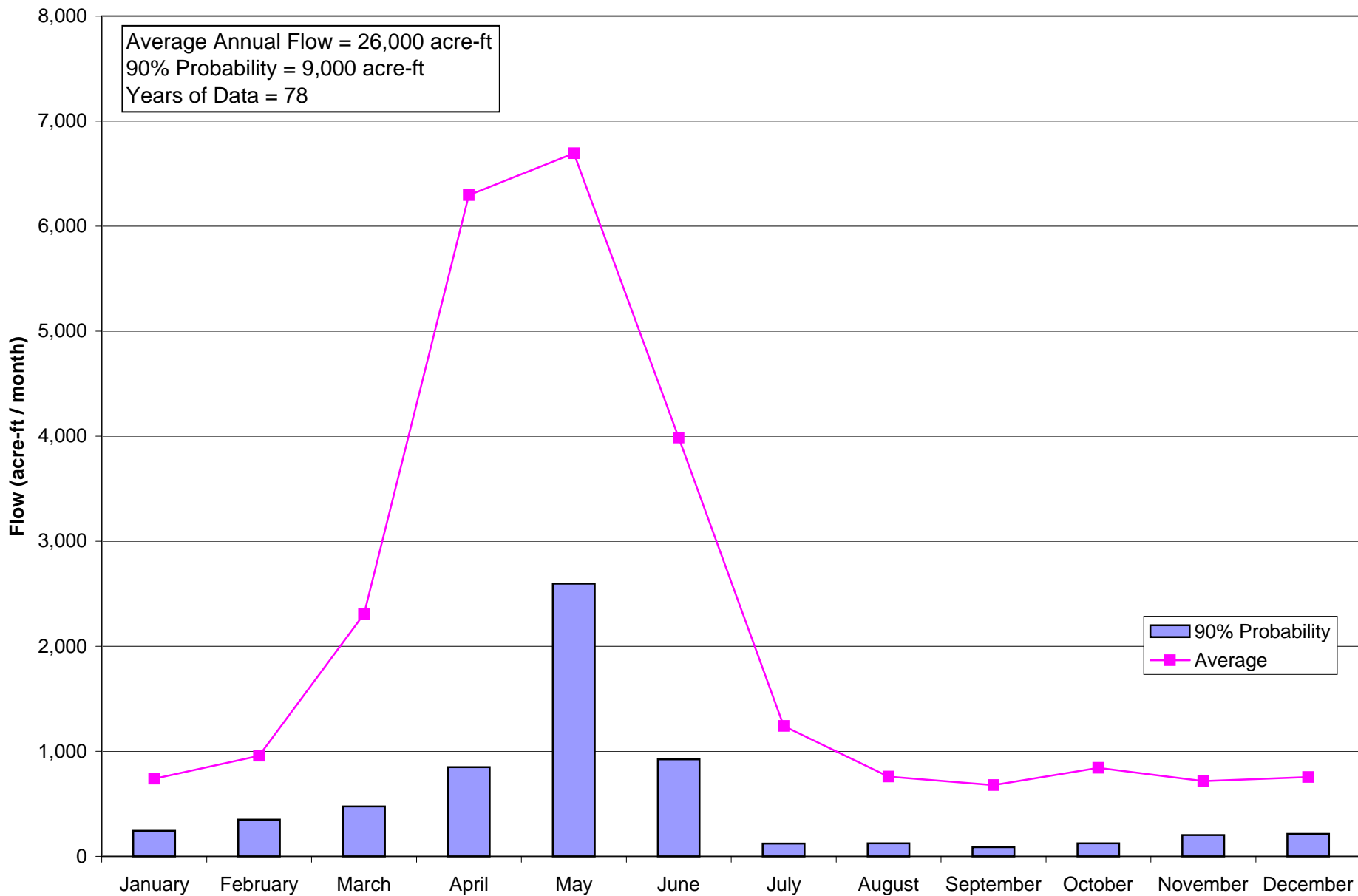
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1954	453	444	621	3,612	5,934	1,749	2,103	1,045	1,053	1,414	485	365	19,300
1955	409	304	507	2,452	6,093	3,344	1,162	3,025	732	280	260	342	18,900
1956	355	379	2,373	3,761	7,256	3,368	855	581	222	201	248	209	19,800
1957	242	243	387	3,291	8,670	24,337	9,469	4,636	1,738	769	1,018	892	55,700
1958	664	553	683	6,783	20,598	8,926	1,144	1,211	1,184	615	507	443	43,300
1959	332	289	397	1,767	4,759	2,202	633	867	417	627	887	658	13,800
1960	584	374	1,826	10,056	10,576	7,736	1,107	587	301	493	768	461	34,900
1961	430	333	756	5,950	11,129	3,660	959	1,015	1,410	1,162	780	676	28,300
1962	615	666	652	7,260	7,440	4,159	1,722	480	274	652	601	526	25,000
1963	381	444	1,611	4,570	4,722	1,797	744	1,857	1,952	646	389	277	19,400
1964	215	213	283	1,476	8,977	2,916	1,230	4,513	851	320	238	215	21,400
1965	246	444	738	5,343	11,375	15,055	7,256	2,810	2,434	1,353	946	922	48,900
1966	676	555	1,722	6,426	10,514	3,689	1,144	695	607	283	252	369	26,900
1967	277	500	1,463	1,964	5,534	3,064	1,549	2,140	1,726	552	297	277	19,300
1968	338	374	1,107	3,237	10,391	11,068	2,183	2,441	536	448	350	346	32,800
1969	357	365	397	7,021	12,851	5,439	3,714	1,383	1,357	1,679	1,256	873	36,700
1970	569	470	554	1,857	8,608	3,380	1,611	1,304	4,844	1,008	839	830	25,900
1971	676	1,000	1,506	3,398	4,759	4,606	1,513	1,482	946	1,064	1,083	701	22,700
1972	552	541	2,416	1,993	2,964	2,178	701	453	625	5,374	1,874	1,205	20,900
1973	904	666	879	3,606	16,663	18,982	5,614	1,709	1,137	567	398	340	51,500
1974	352	299	485	1,743	5,263	2,089	1,211	750	324	537	738	526	14,300
1975	344	366	577	2,565	11,867	17,851	8,485	1,586	780	421	280	342	45,500
1976	326	378	787	3,719	7,194	3,731	1,181	738	756	756	380	264	20,200
1977	243	250	235	500	1,217	1,220	744	818	567	397	285	293	6,800
1978	265	219	368	5,153	9,285	10,354	2,220	787	379	291	509	407	30,200
1979	362	295	557	5,808	18,508	15,531	4,427	1,513	678	434	365	330	48,800
1980	360	313	397	4,814	13,097	25,051	3,818	1,027	1,862	627	586	446	52,400
1981	413	315	384	3,517	4,095	3,368	1,556	1,027	887	1,285	714	491	18,100
1982	402	346	676	3,683	10,022	9,045	2,189	2,951	2,350	928	578	627	33,800
1983	512	487	1,088	2,684	12,482	18,149	5,669	1,808	744	1,414	660	536	46,200
1984	462	541	1,420	4,189	15,126	5,236	1,359	1,371	756	879	881	583	32,800
1985	526	421	1,162	10,175	14,388	11,603	1,636	769	1,345	1,285	809	627	44,700
1986	676	739	2,644	6,367	14,081	10,116	2,650	1,162	1,916	3,019	2,184	1,254	46,800
1987	589	633	1,334	8,331	11,560	12,853	1,925	1,359	672	609	1,363	627	41,900
1988	509	468	1,365	4,076	7,256	4,540	1,420	1,513	1,862	738	434	471	24,700
1989	425	431	3,117	5,790	3,861	1,803	1,150	1,045	368	419	262	229	18,900
1990	178	170	360	1,291	5,288	3,451	1,925	1,119	1,131	1,193	756	510	17,400

Monthly Flows (acre-feet)

USGS Station ID: 9365500
 USGS Station Name: LA PLATA RIVER AT HESPERUS, CO.
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1991	427	427	726	4,903	8,485	3,844	1,918	947	3,142	591	472	488	26,400
1992	440	461	953	7,021	13,589	7,140	1,531	1,365	1,059	601	505	433	35,100
1993	382	281	1,144	6,426	19,492	12,615	3,111	1,734	1,220	756	592	499	48,300
1994	382	339	1,021	3,814	9,654	5,599	1,058	509	756	726	744	365	25,000
1995	449	589	2,257	3,612	7,194	18,446	6,210	1,617	857	652	449	407	42,700
1996	344	372	676	3,047	5,251	1,732	1,051	525	922	1,838	1,035	793	17,600
1997	531	531	3,333	4,933	13,097	11,365	3,204	3,579	3,047	1,476	756	615	46,500
1998	507	413	1,439	2,987	9,285	3,999	1,371	756	387	-	881	489	-
1999	274	388	1,574	2,749	7,870	7,379	2,263	4,864	2,172	732	438	365	31,100
2000	283	292	587	5,320	7,993	2,148	676	627	511	-	-	-	-
Average	430	415	966	4,882	10,509	7,917	2,351	1,481	1,213	948	637	507	32,500
90% Probablility	249	253	394	1,970	4,855	2,183	845	582	382	374	266	272	17,600

Average Monthly Flow
USGS Station: 9366500
La Plata River at Colorado-New Mexico State Line
Watershed: La Plata



Average Monthly Flows (cfs)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1920	-	-	-	-	-	-	-	-	-	14.5	18.3	18
1921	10	19.3	58.6	94.8	113	135	17.2	28.3	9.15	6.39	7.38	13.6
1922	12.7	15	81.7	137	247	36.6	0.019	0.006	0.16	2.03	6.36	8.58
1923	13.6	27.7	19.8	55.5	109	16.7	1.88	24.4	20.3	16.4	22.8	23
1924	15	53.9	42.3	286	181	1.94	0.39	5.34	5.61	7.77	7.93	18
1925	17	16	17.5	20.9	30.5	11.7	6.42	6.04	33.3	35.7	20.3	30
1926	22	18	30.9	185	261	95.4	33.5	5.19	5.97	17	18.4	22.6
1927	21	36	58	161	106	92.7	49.2	56.7	126	34.3	28.2	21
1928	15	30	76.7	72.9	49.7	38.4	9.19	4.42	3.13	6.41	14.9	19.3
1929	20	20	96.7	107	74.4	44.1	50.4	49.5	44.7	27.8	21.3	15.4
1930	0.8	20	24.3	47.3	53.9	25.1	10.3	32.6	8.67	11	15.5	13
1931	15	16	17.7	7.57	49.3	18.7	10.6	7.06	2.27	8.19	8.33	10
1932	14	21	59.2	146	109	48.3	27.1	26.8	14.1	11.9	12	13
1933	11	13	25.9	17.1	55.4	41.6	26.5	0.32	6.6	14.6	13.1	17
1934	18	9	4.55	11.8	23.6	4	4.77	13.2	4.13	0.097	1.33	6
1935	6	11.6	21.5	75.3	67.6	121	36.8	8.26	6.3	10.4	11.5	8.48
1936	8	14.5	76.7	146	63.4	19.6	2.04	33.9	14.4	13.1	18.2	13.2
1937	13	15.6	51.4	350	176	45.4	37	5.69	5.26	6.23	4.7	9.43
1938	18.3	18.2	40.6	207	75.9	46.3	21.6	3.21	12.2	5.64	8.1	9.43
1939	10.2	10.4	36	41.1	42.6	16.8	1.63	0.15	5.11	0.16	0.98	4.52
1940	8.15	10.8	16.4	33.3	45.1	28.7	2.1	12	6.22	7.89	4.45	6.75
1941	10.4	16.4	34.6	157	506	276	45.8	13.2	73.3	260	99.2	33.6
1942	38.3	27.8	57	324	155	63.3	25.5	6.17	3.88	2.09	4.93	14.4
1943	13.8	19.3	29.2	172	78.5	47.8	7.26	5.05	2.69	4.32	8.69	11.8
1944	11.8	12.9	23.1	89.2	203	70.2	32.1	2.9	4.41	6.41	10.7	12.9
1945	12.8	17.1	21.7	97.1	155	51	20.2	6.45	1.25	7.55	6.67	4.14
1946	5.96	12	12.1	29.7	29	28.3	6.93	8.5	10.6	2.71	6.07	6.06
1947	4.21	11	11.5	9.48	71.5	38	11.9	17.8	3.21	15.4	4.94	7.67
1948	7.05	12.7	24.8	141	80	52.9	15	6.25	4.16	4.57	3.7	9.04
1949	12.9	17.3	42.7	142	101	183	44.4	16.4	5.16	5.11	8.71	6.63

Average Monthly Flows (cfs)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1950	8.97	18.5	18.4	51.7	30	40.4	5.62	4.03	18.5	4.76	3.76	3.44
1951	5.38	5.26	1.45	13.3	44.2	43.5	3.12	2.26	1.74	3.16	3.72	2.65
1952	4.54	8.39	14.5	251	243	185	24.5	6.79	3.56	4.03	3.88	14.1
1953	12.8	9.44	8.2	33.5	57	31.9	8.41	3.48	1.65	2.87	4.34	5.19
1954	6.13	6.34	1.54	15.1	51.3	6.36	8.37	1.61	1.84	3.71	3.29	2.52
1955	3.21	3.38	9.55	15.5	54.9	28.3	11.6	16.2	1.49	1.25	2.07	2.3
1956	1.64	4.14	20	32.7	56.1	16.4	1.2	0.4	0	0.68	1.04	2.52
1957	3.39	4.48	7.71	31.6	159	306	99.4	65.1	11	9.65	17.4	14.2
1958	15.3	53.5	57.1	291	264	65.8	1.99	3.3	5.03	5.22	8.11	9.22
1959	9.64	11.7	6.03	14.4	35.8	14.9	1.08	11.6	1.8	2.7	4.12	4.43
1960	5.5	5.5	87.4	156	70.4	43.8	2.09	0.99	0.91	3.21	3.96	5.3
1961	6	7.47	16.9	74.4	73.4	31.2	3.38	13.5	8.81	11.3	10.1	7.23
1962	8	24.3	24.1	108	54.3	47.8	13.8	2.51	2.44	6.04	2.42	2.67
1963	2.58	16.3	22.8	45	44	12.9	2.57	8.41	13.5	3.99	4.5	3.5
1964	3.5	4	6.58	19.9	58.9	31.9	7.83	31.3	3.49	1.52	3.6	4
1965	6	7.91	8.12	151	108	86.5	60.1	13.2	20.3	11.9	14.8	30.3
1966	30.2	22	79.7	90.9	76.1	33.1	4.54	5.34	3.66	2.05	4.21	6.95
1967	5.5	15.3	12.3	16.8	52.5	30.2	5.37	11.9	8.27	2.83	3.41	4.32
1968	5	7.28	16.9	31.5	65.6	75.1	18.4	25.6	2.51	3.02	5.35	6.75
1969	8.21	14.9	27.4	215	85.3	64.8	46.3	10.9	5.8	17.1	12.3	12.3
1970	13.1	13.2	7.17	12	61.3	40.2	12.3	9.11	55.1	12.1	9.25	10.3
1971	15	21.1	19.5	29.8	42.4	48.5	9.11	18.8	6.24	6.87	8.59	11.6
1972	10.2	16.6	20.3	16	34.5	23.9	0.99	0.44	1.09	113	37.3	26
1973	21.6	27.6	51.5	279	413	266	52.4	12.5	9.38	4.74	7.04	12.7
1974	10.3	12.2	15.2	11.7	46.5	15.6	1.23	2.68	1.18	5.88	6.35	6.69
1975	6.05	12.4	40.9	153	249	170	69.7	12	8.99	4.58	3.47	6.42
1976	6.21	12.7	10	24.9	59.1	37.5	5.52	3.21	3.92	2.01	3.54	3.5
1977	2.95	2.96	0.63	3.06	5.32	6.65	15.9	6.16	0.25	0.16	1.84	1.24
1978	2.5	3.27	13.4	92.5	84.1	76.6	19	0.92	0.045	0.53	3.98	3.61
1979	4.4	6.98	49.1	348	357	166	48.8	14.9	2.72	3.37	7.03	9.79

Average Monthly Flows (cfs)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1980	13.9	26.9	43.7	364	373	236	40	7.76	17.9	9.38	10.6	14.5
1981	13.4	11.2	7.73	24.4	42.7	36.7	36.6	4.86	2.85	11.5	8.27	12.2
1982	9.23	12	35	74.4	86.9	74.1	26.8	28.5	18.4	12.2	10.6	16.6
1983	16	27.6	68.4	193	260	154	60.9	16.4	6.22	14.5	17.3	25.3
1984	20.4	22.4	71.8	124	114	55.5	14	11	7.79	12.6	13.5	23.4
1985	19.5	19.5	85.6	247	149	95.1	21.3	7.33	17.5	28.1	27.8	24.4
1986	20.1	30.9	82.4	136	101	79.6	29.2	16.3	27.9	70.5	81.1	53.9
1987	30.2	49.1	106	346	150	94.1	29.5	13.6	9.62	13.6	35.3	24.3
1988	22.4	30.3	46.1	44.5	62.3	52.3	14.1	12.3	15.3	7.25	13.2	13.8
1989	16.8	23.4	67.8	52	40.7	18	6.25	9.17	3.68	4.27	2.33	3.98
1990	4.76	7.57	9.55	12.1	49.8	35.1	12.8	3.73	9.18	10.4	5.07	3.55
1991	4.02	14.2	17.1	48.9	63.3	44.5	12.6	2.08	27	4.91	8.51	9.55
1992	7.87	14.2	41.2	113	131	80.5	20.1	4.92	7.08	4.91	7.28	7.52
1993	14.6	22.7	130	282	246	100	31.9	13.6	14.9	11.6	18.6	19.5
1994	15.3	17.7	38.7	30.5	59	45.1	6.35	3.6	7.71	9.06	14.6	15.4
1995	16.4	24	109	55.8	53.8	155	57	15.5	6.45	8.16	12.6	13.3
1996	14.1	15.9	12.5	21.1	49.2	11.9	2.55	3.45	4.64	12	8.3	12.2
1997	22.9	27.6	139	131	145	112	27.9	30.4	29.8	16.2	28	24.5
1998	22.9	19.8	56.1	70.3	63.7	42.8	14.3	4.5	3.23	-	14.9	14
1999	13.2	12.9	16	21	58.2	68.8	24	49.5	22.9	8.37	8.21	10.9
2000	13	15	31.8	81.6	61	22.1	3.51	3.86	4.23	5.43	6.01	8.37
Average	12	17	38	106	109	67	20	12	11	14	12	12
Max	38	54	139	364	506	306	99	65	126	260	99	54
Min	1	3	1	3	5	2	0	0	0	0	1	1

Monthly Flows (acre-feet)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1920	-	-	-	-	-	-	-	-	-	892	1,089	1,107	-
1921	615	1,072	3,603	5,641	6,948	8,033	1,058	1,740	544	393	439	836	31,000
1922	781	833	5,024	8,152	15,187	2,178	1	0	10	125	378	528	33,000
1923	836	1,538	1,217	3,302	6,702	994	116	1,500	1,208	1,008	1,357	1,414	21,000
1924	922	3,100	2,601	17,018	11,129	115	24	328	334	478	472	1,107	38,000
1925	1,045	889	1,076	1,244	1,875	696	395	371	1,981	2,195	1,208	1,845	15,000
1926	1,353	1,000	1,900	11,008	16,048	5,677	2,060	319	355	1,045	1,095	1,390	43,000
1927	1,291	1,999	3,566	9,580	6,518	5,516	3,025	3,486	7,498	2,109	1,678	1,291	48,000
1928	922	1,726	4,716	4,338	3,056	2,285	565	272	186	394	887	1,187	21,000
1929	1,230	1,111	5,946	6,367	4,575	2,624	3,099	3,044	2,660	1,709	1,267	947	35,000
1930	49	1,111	1,494	2,815	3,314	1,494	633	2,004	516	676	922	799	16,000
1931	922	889	1,088	450	3,031	1,113	652	434	135	504	496	615	10,000
1932	861	1,208	3,640	8,688	6,702	2,874	1,666	1,648	839	732	714	799	30,000
1933	676	722	1,593	1,018	3,406	2,475	1,629	20	393	898	780	1,045	15,000
1934	1,107	500	280	702	1,451	238	293	812	246	6	79	369	6,000
1935	369	644	1,322	4,481	4,157	7,200	2,263	508	375	639	684	521	23,000
1936	492	834	4,716	8,688	3,898	1,166	125	2,084	857	805	1,083	812	26,000
1937	799	866	3,160	20,826	10,822	2,701	2,275	350	313	383	280	580	43,000
1938	1,125	1,011	2,496	12,317	4,667	2,755	1,328	197	726	347	482	580	28,000
1939	627	578	2,214	2,446	2,619	1,000	100	9	304	10	58	278	10,000
1940	501	621	1,008	1,981	2,773	1,708	129	738	370	485	265	415	11,000
1941	639	911	2,127	9,342	31,113	16,423	2,816	812	4,362	15,987	5,903	2,066	93,000
1942	2,355	1,544	3,505	19,279	9,531	3,767	1,568	379	231	129	293	885	43,000
1943	849	1,072	1,795	10,235	4,827	2,844	446	311	160	266	517	726	24,000
1944	726	742	1,420	5,308	12,482	4,177	1,974	178	262	394	637	793	29,000
1945	787	950	1,334	5,778	9,531	3,035	1,242	397	74	464	397	255	24,000
1946	366	666	744	1,767	1,783	1,684	426	523	631	167	361	373	9,000
1947	259	611	707	564	4,396	2,261	732	1,094	191	947	294	472	13,000
1948	433	731	1,525	8,390	4,919	3,148	922	384	248	281	220	556	22,000
1949	793	961	2,626	8,450	6,210	10,889	2,730	1,008	307	314	518	408	35,000
1950	552	1,027	1,131	3,076	1,845	2,404	346	248	1,101	293	224	212	12,000
1951	331	292	89	791	2,718	2,588	192	139	104	194	221	163	8,000
1952	279	483	892	14,936	14,941	11,008	1,506	418	212	248	231	867	46,000
1953	787	524	504	1,993	3,505	1,898	517	214	98	176	258	319	11,000
1954	377	352	95	899	3,154	378	515	99	109	228	196	155	7,000
1955	197	188	587	922	3,376	1,684	713	996	89	77	123	141	9,000
1956	101	238	1,230	1,946	3,449	976	74	25	0	42	62	155	8,000

Monthly Flows (acre-feet)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA

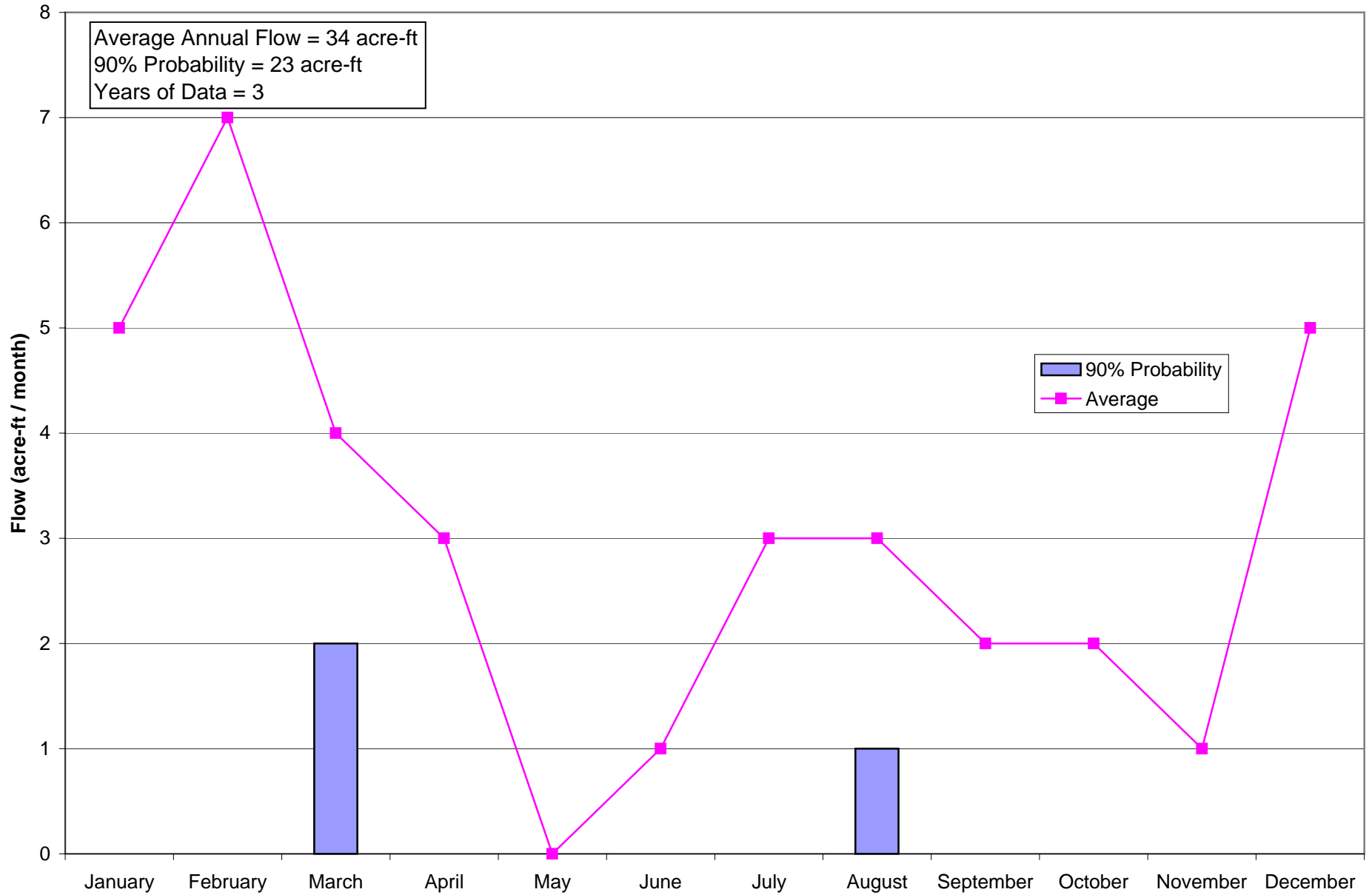
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1957	208	249	474	1,880	9,777	18,208	6,112	4,003	655	593	1,035	873	44,000
1958	941	2,971	3,511	17,316	16,233	3,915	122	203	299	321	483	567	47,000
1959	593	650	371	857	2,201	887	66	713	107	166	245	272	7,000
1960	338	316	5,374	9,283	4,329	2,606	129	61	54	197	236	326	23,000
1961	369	415	1,039	4,427	4,513	1,857	208	830	524	695	601	445	16,000
1962	492	1,350	1,482	6,426	3,339	2,844	849	154	145	371	144	164	18,000
1963	159	905	1,402	2,678	2,705	768	158	517	803	245	268	215	11,000
1964	215	230	405	1,184	3,622	1,898	481	1,925	208	93	214	246	11,000
1965	369	439	499	8,985	6,641	5,147	3,695	812	1,208	732	881	1,863	31,000
1966	1,857	1,222	4,901	5,409	4,679	1,970	279	328	218	126	251	427	22,000
1967	338	850	756	1,000	3,228	1,797	330	732	492	174	203	266	10,000
1968	307	419	1,039	1,874	4,034	4,469	1,131	1,574	149	186	318	415	16,000
1969	505	828	1,685	12,793	5,245	3,856	2,847	670	345	1,051	732	756	31,000
1970	805	733	441	714	3,769	2,392	756	560	3,279	744	550	633	15,000
1971	922	1,172	1,199	1,773	2,607	2,886	560	1,156	371	422	511	713	14,000
1972	627	955	1,248	952	2,121	1,422	61	27	65	6,948	2,220	1,599	18,000
1973	1,328	1,533	3,167	16,602	25,394	15,828	3,222	769	558	291	419	781	70,000
1974	633	678	935	696	2,859	928	76	165	70	362	378	411	8,000
1975	372	689	2,515	9,104	15,310	10,116	4,286	738	535	282	206	395	45,000
1976	382	731	615	1,482	3,634	2,231	339	197	233	124	211	215	10,000
1977	181	164	39	182	327	396	978	379	15	10	109	76	3,000
1978	154	182	824	5,504	5,171	4,558	1,168	57	3	33	237	222	18,000
1979	271	388	3,019	20,707	21,951	9,878	3,001	916	162	207	418	602	62,000
1980	855	1,547	2,687	21,660	22,935	14,043	2,460	477	1,065	577	631	892	70,000
1981	824	622	475	1,452	2,626	2,184	2,250	299	170	707	492	750	13,000
1982	568	666	2,152	4,427	5,343	4,409	1,648	1,752	1,095	750	631	1,021	24,000
1983	984	1,533	4,206	11,484	15,987	9,164	3,745	1,008	370	892	1,029	1,556	52,000
1984	1,254	1,288	4,415	7,379	7,010	3,302	861	676	464	775	803	1,439	30,000
1985	1,199	1,083	5,263	14,698	9,162	5,659	1,310	451	1,041	1,728	1,654	1,500	45,000
1986	1,236	1,716	5,067	8,093	6,210	4,737	1,795	1,002	1,660	4,335	4,826	3,314	44,000
1987	1,857	2,727	6,518	20,588	9,223	5,599	1,814	836	572	836	2,100	1,494	54,000
1988	1,377	1,743	2,835	2,648	3,831	3,112	867	756	910	446	785	849	20,000
1989	1,033	1,300	4,169	3,094	2,503	1,071	384	564	219	263	139	245	15,000
1990	293	420	587	720	3,062	2,089	787	229	546	639	302	218	10,000
1991	247	789	1,051	2,910	3,892	2,648	775	128	1,607	302	506	587	15,000
1992	484	817	2,533	6,724	8,055	4,790	1,236	303	421	302	433	462	27,000
1993	898	1,261	7,993	16,780	15,126	5,950	1,961	836	887	713	1,107	1,199	55,000

Monthly Flows (acre-feet)

USGS Station ID: 9366500
 USGS Station Name: LA PLATA RIVER AT COLORADO-NEW MEXICO STATE LINE
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1994	941	983	2,380	1,815	3,628	2,684	390	221	459	557	869	947	16,000
1995	1,008	1,333	6,702	3,320	3,308	9,223	3,505	953	384	502	750	818	32,000
1996	867	915	769	1,256	3,025	708	157	212	276	738	494	750	10,000
1997	1,408	1,533	8,547	7,795	8,916	6,664	1,716	1,869	1,773	996	1,666	1,506	44,000
1998	1,408	1,100	3,449	4,183	3,917	2,547	879	277	192	-	887	861	-
1999	812	716	984	1,250	3,579	4,094	1,476	3,044	1,363	515	489	670	19,000
2000	799	863	1,955	4,856	3,751	1,315	216	237	252	334	358	515	15,000
Average	738	957	2,308	6,296	6,693	3,986	1,241	759	678	842	716	754	26,000
90% Probability	244	348	475	850	2,597	924	121	125	88	125	203	215	9,000

Average Monthly Flow
USGS Station: 9367400
La Plata River Tributary near Farmington, NM
Watershed: La Plata



Average Monthly Flows (cfs)

USGS Station ID: 9367400

USGS Station Name: LA PLATA RIVER TRIB NR FARMINGTON, NM

Watershed: LA PLATA

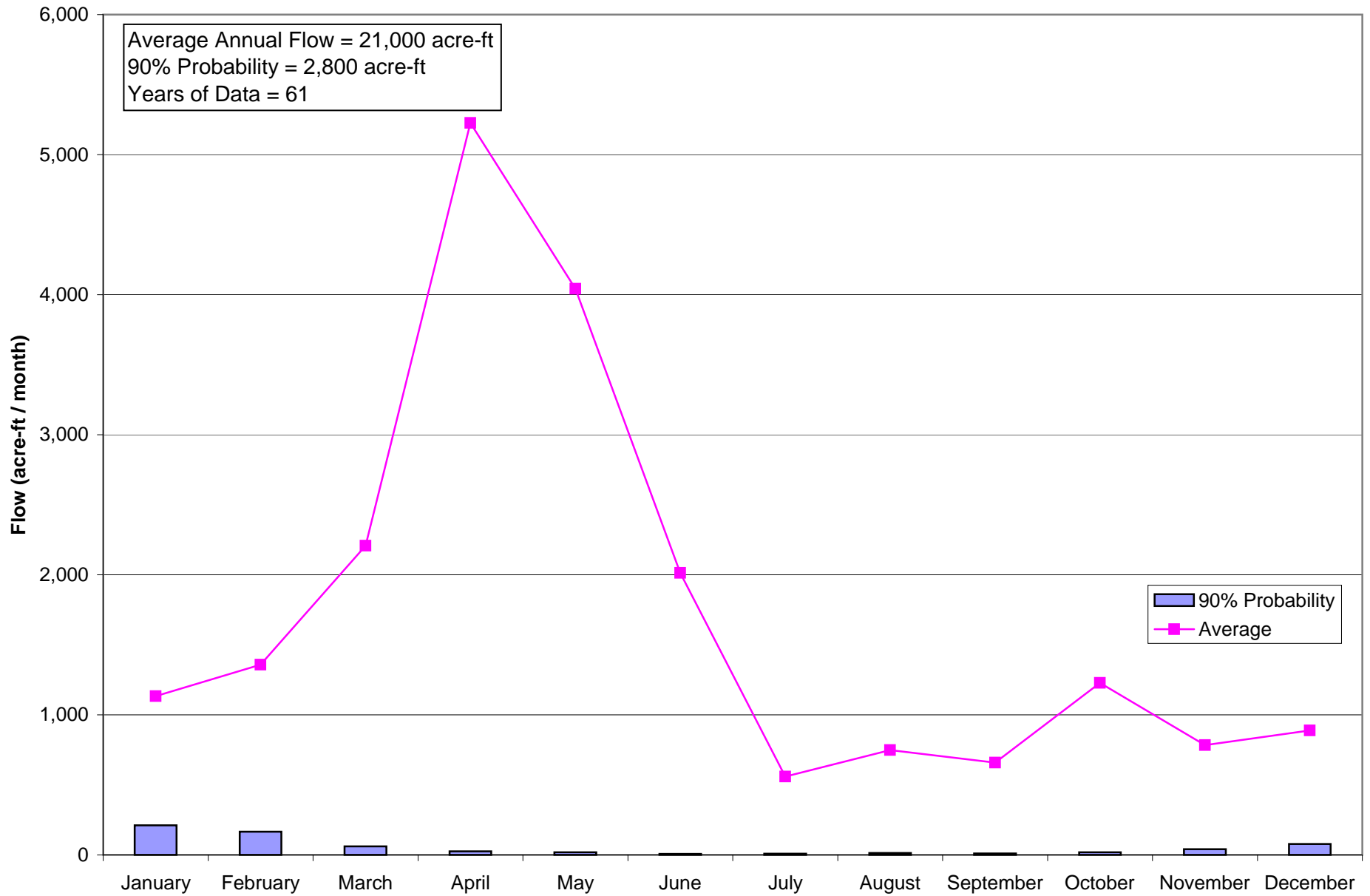
Year	January	February	March	April	May	June	July	August	September	October	November	December
1979	-	-	-	-	-	-	-	-	-	0	0.044	0.28
1980	0.26	0.44	0.058	0	0	0	0	0	0.055	0.045	0	0
1981	0	0	0.011	0.16	0.002	0.032	0.09	0.084	0.002	0.081	0.015	0
1982	0.015	0.075	0.1	0	0	0	0	0.076	0.065	0	0	0.02
1983	0.012	0.003	0.079	0	0	0	0.086	0.042	0.011	-	-	-
Average	0.1	0.1	0.1	0	0	0	0	0.1	0	0	0	0.1
Max	0.3	0.4	0.1	0.2	0	0	0.1	0.1	0.1	0.1	0	0.3
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367400
 USGS Station Name: LA PLATA RIVER TRIB NR FARMINGTON, NM
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1979	-	-	-	-	-	-	-	-	-	0	3	17	-
1980	16	25	4	0	0	0	0	0	3	3	0	0	51
1981	0	0	1	10	0	2	6	5	0	5	1	0	30
1982	1	4	6	0	0	0	0	5	4	0	0	1	21
1983	1	0	5	0	0	0	5	3	1	-	-	-	-
Average	5	7	4	3	0	1	3	3	2	2	1	5	34
90% Probablility	0	0	2	0	0	0	0	1	0	0	0	0	23

Average Monthly Flow
USGS Station: 9367500
La Plata River near Farmington, NM
Watershed: La Plata



Average Monthly Flows (cfs)

USGS Station ID: 9367500

USGS Station Name: LA PLATA RIVER NEAR FARMINGTON, NM

Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
1938	-	-	13.2	254	31.4	3.47	1.16	1.61	23	14.4	10.6	13
1939	13.6	14	36.8	10.8	0	0	0.23	2.52	45.1	1.77	0.6	1.03
1940	11.1	16.5	7.35	0.17	0.13	0.1	0.39	38.4	18.3	9.87	9.53	24.5
1941	22.8	70.7	57.4	166	783	214	29.8	39.8	170	537	116	48.8
1942	44.1	38.9	77.5	358	83.2	0.57	0.97	1.06	2.47	1.35	1.3	25.7
1943	30	29.9	32.5	109	22.6	4.6	1.9	4.06	1.87	6.58	8.73	20.9
1944	14.7	18.6	27.2	79.7	178	31.8	7.87	1.97	6.27	4.1	10.4	14
1945	20.9	29.5	31	88.6	56.8	1.47	3	1.42	0.47	5.48	5.13	9.06
1946	10.8	19.4	5.45	0.067	0	0	0.13	2.45	2.63	0	1.27	4.35
1947	7.81	7.86	0.39	0.4	14.5	1.17	2.16	41.3	1.07	25.6	8.27	3.16
1948	6.58	18.1	33.3	114	1.9	25.4	0	1	5.5	20.6	5.5	6.42
1949	22.4	50.2	56.5	103	22.1	104	24.5	3.71	4.07	3.77	3.73	7.29
1950	23.7	25	10.8	0.63	0.42	4.63	2.45	0.065	16.2	0.97	1.5	2.13
1951	15.2	8.89	2.94	0	0.29	0.77	0.52	3.65	2.73	5.9	0.73	2.84
1952	12.5	16.7	13.3	261	197	181	2.13	1.55	2.87	0.097	3.27	6.84
1953	18.9	6.75	2.74	0.73	0.32	0.6	16.6	2.16	0.067	0.94	2	1.84
1954	1.71	1.46	0.94	0.033	0	3.03	22.4	3.19	2.57	1.29	0	1.42
1955	5.58	17.2	12.9	0	0.032	0.033	5.61	26.9	0	0	0	0
1956	0.74	1.69	0.55	0	0	0	1.55	1.29	0	0	0	0
1957	0.032	1	0.29	1.3	87	252	47.2	64.5	8.93	39.6	30.5	17.9
1958	17.5	73.1	75	302	189	15.9	0	4.48	0.57	2.19	2.8	4.55
1959	6.52	2.93	0.16	0.87	0.48	1.07	0.29	13.1	0.57	9.84	8.17	0.55
1960	3.42	18.5	111	115	13	5.13	0.19	0	0	9.58	0	2.74
1961	3.52	13.4	4.23	28.5	1.52	1.33	0.19	15.6	13.3	5.74	4.03	3.87
1962	4.35	19.3	13.2	53.7	2.77	1.5	0.13	0	1.97	20.2	0.67	1.25
1963	5.55	19.2	9.92	2.3	1.12	0.32	3.18	11.8	5.01	3.01	0.89	0.38
1964	1.81	2.32	1.03	1.45	0.38	0.22	0.61	28.8	1.99	0.43	0.76	1.25
1965	3.7	9.57	8.77	107	62.1	47.5	14.5	30.2	9.47	10.9	21.1	30.8
1966	31.9	29.7	84.6	51.7	4.74	1.81	0.35	7.42	4.11	1.09	1.77	11.3
1967	8.69	13.7	2.56	0.68	1.19	1.73	2.12	15	5.19	1.11	1.67	1.97
1968	6.31	10.9	13.7	15.7	7.21	7.14	10.1	17.9	0.53	4.51	10.5	12

Average Monthly Flows (cfs)

USGS Station ID: 9367500
 USGS Station Name: LA PLATA RIVER NEAR FARMINGTON, NM
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
1969	14.6	19.5	30.1	191	14.3	7.83	30.7	16.8	9.62	43.1	11.7	17.4
1970	16.2	11	2.03	1.7	1.32	3.96	2.44	9.53	78.1	3.91	8	11.2
1971	17.5	22.3	13.6	1.98	1.35	0.35	0.16	37.7	3.17	7.01	4.63	12.7
1972	17.1	20.5	2.83	1.62	0.97	1.36	0.052	0.98	0.58	129	36.7	31.9
1973	29.4	40.4	71.9	296	356	210	19.4	3.65	2.45	2.16	7.24	15
1974	26.4	13.5	9.45	1.31	1.29	0.52	6.31	2.42	0.01	22	3.82	8.57
1975	8.65	15.6	44.3	136	166	99.9	22.4	1.45	9.23	1.32	2.57	6.14
1976	12.3	10.6	1.13	1.17	2.52	0.34	26.8	6.92	10.4	0.62	0.67	4.38
1977	6.35	2.76	0.43	0.55	0.5	0	13.7	21.1	0.17	0.28	0.74	0.067
1978	0.31	1.17	18.7	38.4	38.7	17.1	0.085	0.03	0.36	0.5	6.78	2.4
1979	100	89.3	99	367	312	131	2.31	0.7	0.027	0.4	1.57	15.3
1980	23.6	45.6	44	408	364	194	2.03	2.01	6.31	2.24	14.6	17.4
1981	11.7	8.26	1.49	3.97	1.72	1.92	22.3	12.1	4.21	16.3	3	10.1
1982	5.42	12.9	24.2	31.4	27.7	5.8	6.41	42.3	34.4	10.2	10.7	28.8
1983	18.2	46.3	77.4	213	211	79.3	13.4	7.21	0.85	12.4	24	34.3
1984	28.6	30.9	74.6	89.4	49.2	7.8	3.5	21.8	3.22	14.3	22.3	34.2
1985	38.8	30.4	90.2	256	130	31.8	1.59	2.93	35.4	22.1	31.1	32.1
1986	25.4	34.1	73.5	188	56.9	82.3	117	37.9	54.6	119	141	73.1
1987	45	76.6	157	402	116	22.7	2.97	4.52	2.14	4.13	58.2	34.1
1988	39.2	54.9	48.6	15.4	5.01	8.39	4.06	10.9	4.27	2.15	6.98	28.3
1989	21.6	33.5	72.7	12	2.09	0.065	0.99	5.73	0.21	0.54	0.28	2.16
1990	2.72	3.36	1.03	0.84	0.61	1.85	4.3	37	10.4	3.5	2.69	6.1
1991	6.89	34.6	22.6	23.2	2.47	3.25	3.16	0.077	15.4	0.17	10.2	10.9
1992	10.7	18.4	18.5	71.3	104	45.2	2.15	0.65	1.49	0.22	7.9	25.7
1993	71.6	51.8	166	318	258	66.5	3.44	3.84	7.23	13.9	28.2	27.5
1994	23.8	27.1	19.7	2.54	11.6	5.12	0.092	0.16	1.48	2.4	16.2	32.1
1995	28.7	30.6	126	29.3	11.9	99.6	17.8	3.5	2.47	2.13	14.7	19.7
1996	29.3	23	4.51	1.13	1.46	5.32	3.37	0.002	5.62	21	11.6	16.2
1997	28	38.9	109	116	117	72.6	4.01	27.6	24.4	13.1	36.1	36.6
1998	29.8	25.9	56	35.1	4.34	3.1	2.84	1.94	7.07	30.2	22	16
1999	14.1	8.2	0.99	1.71	4.18	10	30.4	55.5	4.81	6.11	8.37	12.5

Average Monthly Flows (cfs)

USGS Station ID: 9367500

USGS Station Name: LA PLATA RIVER NEAR FARMINGTON, NM

Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December
2000	15.5	17.4	33.4	52.3	6.44	1.22	0.79	0.4	0.92	-	-	-
Average	18.4	24.3	35.9	87.8	65.8	33.8	9.1	12.2	11.1	20.2	13.3	14.6
Max	100	89.3	166	408	783	252	117	64.5	170	537	141	73.1
Min	0	1	0.2	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367500
 USGS Station Name: LA PLATA RIVER NEAR FARMINGTON, NM
 Watershed: LA PLATA

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1938	-	-	812	15,114	1,931	206	71	99	1,369	885	631	799	-
1939	836	778	2,263	643	0	0	14	155	2,684	109	36	63	7,600
1940	683	949	452	10	8	6	24	2,361	1,089	607	567	1,506	8,300
1941	1,402	3,926	3,529	9,878	48,145	12,734	1,832	2,447	10,116	33,019	6,902	3,001	136,900
1942	2,712	2,160	4,765	21,302	5,116	34	60	65	147	83	77	1,580	38,100
1943	1,845	1,661	1,998	6,486	1,390	274	117	250	111	405	519	1,285	16,300
1944	904	1,070	1,672	4,742	10,945	1,892	484	121	373	252	619	861	23,900
1945	1,285	1,638	1,906	5,272	3,492	87	184	87	28	337	305	557	15,200
1946	664	1,077	335	4	0	0	8	151	156	0	76	267	2,700
1947	480	437	24	24	892	70	133	2,539	64	1,574	492	194	6,900
1948	405	1,041	2,048	6,783	117	1,511	0	61	327	1,267	327	395	14,300
1949	1,377	2,788	3,474	6,129	1,359	6,188	1,506	228	242	232	222	448	24,200
1950	1,457	1,388	664	37	26	276	151	4	964	60	89	131	5,200
1951	935	494	181	0	18	46	32	224	162	363	43	175	2,700
1952	769	961	818	15,531	12,113	10,770	131	95	171	6	195	421	42,000
1953	1,162	375	168	43	20	36	1,021	133	4	58	119	113	3,300
1954	105	81	58	2	0	180	1,377	196	153	79	0	87	2,300
1955	343	955	793	0	2	2	345	1,654	0	0	0	0	4,100
1956	46	97	34	0	0	0	95	79	0	0	0	0	400
1957	2	56	18	77	5,349	14,995	2,902	3,966	531	2,435	1,815	1,101	33,200
1958	1,076	4,060	4,612	17,970	11,621	946	0	275	34	135	167	280	41,200
1959	401	163	10	52	30	64	18	805	34	605	486	34	2,700
1960	210	1,064	6,825	6,843	799	305	12	0	0	589	0	168	16,800
1961	216	744	260	1,696	93	79	12	959	791	353	240	238	5,700
1962	267	1,072	812	3,195	170	89	8	0	117	1,242	40	77	7,100
1963	341	1,066	610	137	69	19	196	726	298	185	53	23	3,700
1964	111	133	63	86	23	13	38	1,771	118	26	45	77	2,500
1965	228	531	539	6,367	3,818	2,826	892	1,857	564	670	1,256	1,894	21,400
1966	1,961	1,649	5,202	3,076	291	108	22	456	245	67	105	695	13,900
1967	534	761	157	40	73	103	130	922	309	68	99	121	3,300
1968	388	627	842	934	443	425	621	1,101	32	277	625	738	7,100
1969	898	1,083	1,851	11,365	879	466	1,888	1,033	572	2,650	696	1,070	24,500
1970	996	611	125	101	81	236	150	586	4,647	240	476	689	8,900
1971	1,076	1,238	836	118	83	21	10	2,318	189	431	276	781	7,400
1972	1,051	1,179	174	96	60	81	3	60	35	7,932	2,184	1,961	14,800
1973	1,808	2,244	4,421	17,613	21,890	12,496	1,193	224	146	133	431	922	63,500
1974	1,623	750	581	78	79	31	388	149	1	1,353	227	527	5,800

Monthly Flows (acre-feet)

USGS Station ID: 9367500
 USGS Station Name: LA PLATA RIVER NEAR FARMINGTON, NM
 Watershed: LA PLATA

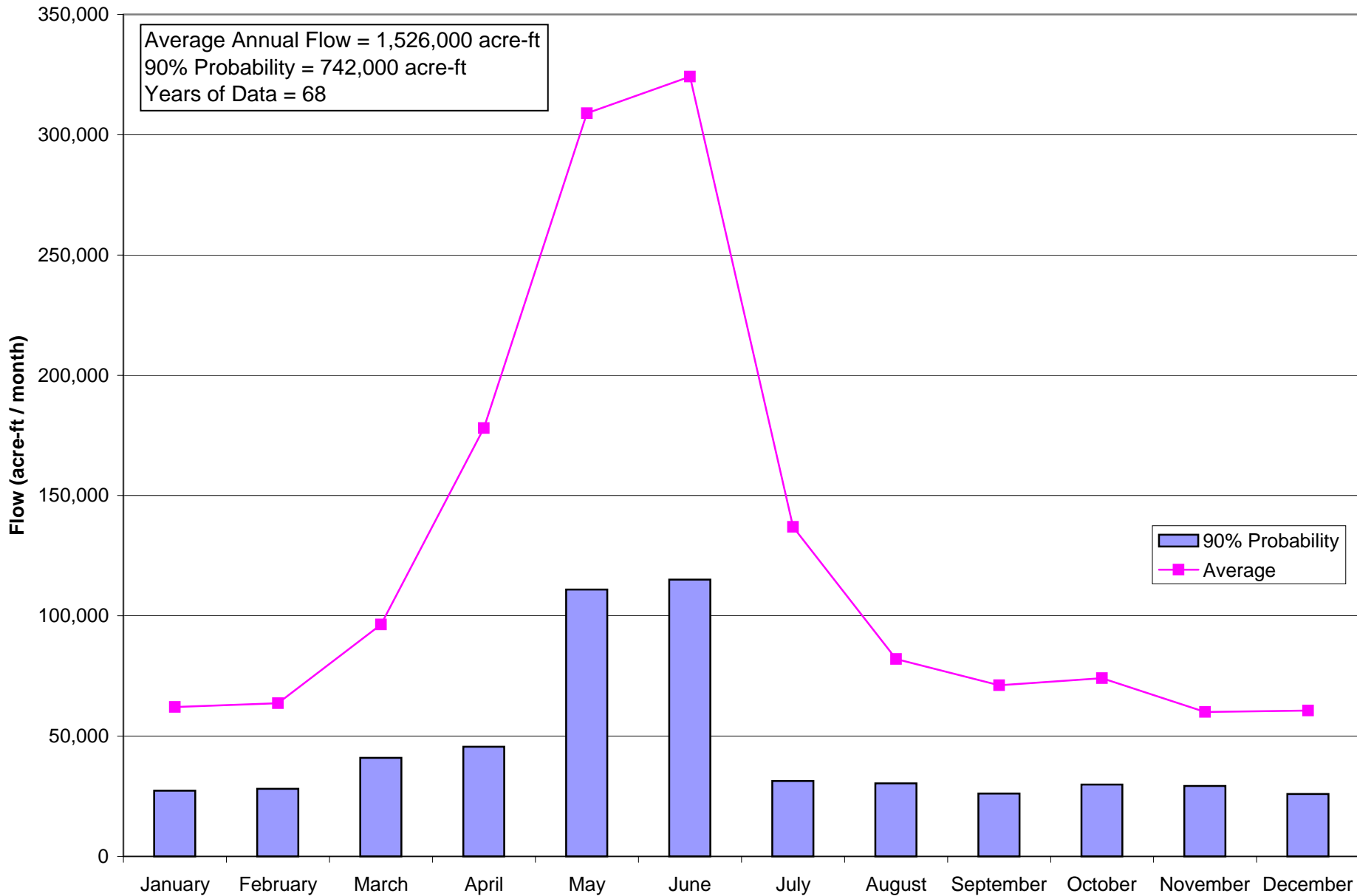
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1975	532	866	2,724	8,093	10,207	5,944	1,377	89	549	81	153	378	31,000
1976	756	610	69	70	155	20	1,648	425	619	38	40	269	4,700
1977	390	153	26	33	31	0	842	1,297	10	17	44	4	2,800
1978	19	65	1,150	2,285	2,380	1,018	5	2	21	31	403	148	7,500
1979	6,149	4,959	6,087	21,838	19,184	7,795	142	43	2	25	93	941	67,300
1980	1,451	2,623	2,705	24,278	22,381	11,544	125	124	375	138	869	1,070	67,700
1981	719	459	92	236	106	114	1,371	744	251	1,002	179	621	5,900
1982	333	716	1,488	1,868	1,703	345	394	2,601	2,047	627	637	1,771	14,500
1983	1,119	2,571	4,759	12,674	12,974	4,719	824	443	51	762	1,428	2,109	44,400
1984	1,759	1,777	4,587	5,320	3,025	464	215	1,340	192	879	1,327	2,103	23,000
1985	2,386	1,688	5,546	15,233	7,993	1,892	98	180	2,106	1,359	1,851	1,974	42,300
1986	1,562	1,894	4,519	11,187	3,499	4,897	7,194	2,330	3,249	7,317	8,390	4,495	60,500
1987	2,767	4,254	9,654	23,921	7,133	1,351	183	278	127	254	3,463	2,097	55,500
1988	2,410	3,158	2,988	916	308	499	250	670	254	132	415	1,740	13,700
1989	1,328	1,860	4,470	714	129	4	61	352	12	33	17	133	9,100
1990	167	187	63	50	38	110	264	2,275	619	215	160	375	4,500
1991	424	1,922	1,390	1,380	152	193	194	5	916	10	607	670	7,900
1992	658	1,058	1,138	4,243	6,395	2,690	132	40	89	14	470	1,580	18,500
1993	4,403	2,877	10,207	18,922	15,864	3,957	212	236	430	855	1,678	1,691	61,300
1994	1,463	1,505	1,211	151	713	305	6	10	88	148	964	1,974	8,500
1995	1,765	1,699	7,747	1,743	732	5,927	1,094	215	147	131	875	1,211	23,300
1996	1,802	1,323	277	67	90	317	207	0	334	1,291	690	996	7,400
1997	1,722	2,160	6,702	6,902	7,194	4,320	247	1,697	1,452	805	2,148	2,250	37,600
1998	1,832	1,438	3,443	2,089	267	184	175	119	421	1,857	1,309	984	14,100
1999	867	455	61	102	257	595	1,869	3,413	286	376	498	769	9,500
2000	953	1,001	2,054	3,112	396	73	49	25	55	266	173	388	8,500
Average	1,134	1,358	2,208	5,227	4,043	2,014	559	748	659	1,228	783	889	20,800
90% Probability	211	165	61	26	18	7	8	13	10	19	40	77	2,900

Appendix C-5 USGS Gages in the Middle San Juan Watershed

The USGS Gages included in the Middle San Juan Watershed are:

USGS Station ID	Name	Watershed
9365000	San Juan River at Farmington, NM	Middle San Juan
9367536	Ojo Amarillo Canyon at NIP near Fruitland, NM	Middle San Juan
9367540	San Juan River near Fruitland, NM	Middle San Juan
9367555	Shumway Arroyo near Fruitland, NM	Middle San Juan
9367561	Shumway Arroyo near Waterflow, NM	Middle San Juan
9368000	San Juan River at Shiprock, NM	Middle San Juan

Average Monthly Flow
USGS Station: 9365000
San Juan River at Farmington, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9365000
 USGS Station Name: SAN JUAN RIVER AT FARMINGTON, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1930	-	-	-	-	-	-	-	-	-	517	509	460
1931	420	594	702	1580	3835	3466	1104	856	996	1763	761	537
1932	571	1931	3718	9133	12550	10600	4485	2693	1018	637	535	479
1933	508	533	978	1095	3405	8139	1890	523	1212	957	555	577
1934	574	573	831	2208	2607	517	192	216	616	355	330	418
1935	426	612	1368	4577	7033	13930	5155	2089	1771	1116	656	449
1936	445	493	2321	4973	7262	2954	739	2053	1500	870	924	637
1937	465	911	2643	8967	10920	5597	1981	501	509	662	492	384
1938	443	733	2282	7163	8707	12200	3629	701	2620	1795	803	600
1939	539	487	2393	3412	5590	2828	284	166	1882	559	572	424
1940	502	652	1185	2232	4821	2112	323	400	835	1564	750	752
1941	725	1558	2574	5585	18830	14990	8508	2108	2485	7271	2728	1403
1942	1121	1064	1656	9088	7752	8862	2411	841	620	516	534	501
1943	558	745	1245	4785	5112	3996	1496	1288	825	818	734	619
1944	526	633	987	2883	9952	11190	4102	874	885	986	634	518
1945	501	776	1019	3105	6816	5943	1806	983	329	761	557	416
1946	454	538	621	1569	2067	3522	954	953	699	769	714	598
1947	481	668	796	1105	5508	4894	1772	2556	1595	2007	1089	752
1948	815	1137	1122	6193	8697	9656	2358	1067	426	771	551	517
1949	548	938	1991	5268	7868	11800	5092	1199	556	739	544	438
1950	604	736	809	2752	3227	3594	1146	327	723	465	315	422
1951	419	444	545	702	2787	3282	477	608	316	433	480	570
1952	831	629	1464	7170	9738	12950	3471	1312	727	480	466	540
1953	546	505	860	1772	2705	4399	861	600	227	577	655	419
1954	432	610	664	2119	3847	1948	1698	933	928	1253	560	429
1955	478	507	775	1142	3260	3753	891	1642	441	390	410	498
1956	591	523	1239	1886	4340	3417	484	496	170	286	398	362
1957	523	968	1080	2745	4989	13469	8639	4938	1944	1897	1878	1298
1958	793	1548	2075	6504	12080	8261	1130	710	963	670	508	411
1959	375	484	453	772	2187	2770	312	886	281	1390	1096	681
1960	573	634	4287	5457	5062	6792	1414	393	451	781	501	467

Average Monthly Flows (cfs)

USGS Station ID: 9365000

USGS Station Name: SAN JUAN RIVER AT FARMINGTON, NM

Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1961	476	481	1013	2681	5352	3985	801	1277	1717	1345	862	614
1962	543	1096	1139	5535	5727	5140	1501	467	415	752	566	406
1963	329	463	633	1090	1890	926	359	586	723	540	585	504
1964	476	374	349	391	2005	2369	1864	1603	556	486	550	773
1965	1864	2032	1159	2597	4614	7291	4603	3178	2735	2785	3532	3381
1966	3184	2037	2595	3893	4249	2150	806	545	478	1560	877	786
1967	718	962	1442	514	1506	1408	535	1712	1033	409	425	546
1968	528	631	667	1376	2553	4252	1254	1668	781	623	548	695
1969	1043	2280	2013	3086	4432	4143	3075	1540	1739	2320	1800	1790
1970	1321	2401	1778	717	2703	2378	1146	887	3331	2238	2092	2391
1971	2562	2473	1553	1081	1525	2434	1064	912	723	925	689	1405
1972	1949	1923	2065	1225	1620	1860	512	656	808	2332	1412	1615
1973	1605	2249	1694	1979	6302	7589	6291	3768	2993	2061	2092	2136
1974	2014	1540	1403	1141	2067	1358	810	562	620	887	877	820
1975	915	841	1375	2230	4752	6680	5184	2209	1945	1618	1671	1889
1976	1519	1306	1214	1035	3063	3182	1019	650	865	728	599	1492
1977	1540	960	583	418	576	983	769	1057	581	641	750	769
1978	897	982	1250	1527	2672	3805	1200	440	719	822	1034	940
1979	983	1262	2541	6844	8840	9803	6856	2184	682	889	733	2005
1980	2034	2259	2733	3066	4817	6407	2044	1261	1489	1301	1587	1566
1981	1804	1246	784	639	1091	1941	1333	893	1136	1598	804	784
1982	925	841	1186	2155	3711	4587	2515	2141	2306	1555	1323	1759
1983	2126	2148	2597	3462	3852	5255	3572	1840	1108	1611	1265	1482
1984	2133	2733	2419	2264	5273	3439	2149	1899	1376	1968	2087	2235
1985	2144	2621	3323	5558	7916	8987	3098	1345	2363	1715	2933	3121
1986	3271	2278	2044	2536	3809	6066	5685	2923	2919	2834	3549	3304
1987	3101	3032	3713	5830	6697	8929	5019	1434	1037	922	1074	984
1988	962	1032	1023	1139	1813	2548	1044	1587	1210	882	862	855
1989	933	1001	1330	1691	1697	1438	852	861	667	841	880	799
1990	726	762	670	599	1726	2393	900	626	854	1276	1021	921
1991	947	1063	928	1661	3652	2711	828	592	1374	853	1085	898

Average Monthly Flows (cfs)

USGS Station ID: 9365000

USGS Station Name: SAN JUAN RIVER AT FARMINGTON, NM

Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1992	796	1009	1029	3197	5986	4733	1399	972	835	776	817	851
1993	1090	1640	5304	5628	6425	7510	1976	1200	1260	1025	1153	1106
1994	1058	843	823	1081	5350	6994	2133	670	1010	1065	1073	1012
1995	963	1108	2463	3287	6395	9478	4198	1707	1229	1158	1230	1218
1996	741	841	817	792	2663	3180	817	650	878	1379	885	752
1997	702	742	2353	2567	5840	8699	2857	2203	2129	1528	1132	1177
1998	1193	1229	1287	2266	7116	4134	1689	905	701	1137	1290	1001
1999	995	919	945	1259	3456	6249	2797	6044	4978	1099	764	827
2000	833	811	861	1432	2387	2056	583	871	891	1030	916	863
Average	1010	1137	1568	2992	5024	5447	2228	1335	1196	1205	1009	987
Max	3271	3032	5304	9133	18830	14990	8639	6044	4978	7271	3549	3381
Min	329	374	349	391	576	517	192	166	170	286	315	362

Monthly Flows (acre-feet)

USGS Station ID: 9365000
 USGS Station Name: SAN JUAN RIVER AT FARMINGTON, NM
 Watershed: MIDDLE SAN JUAN

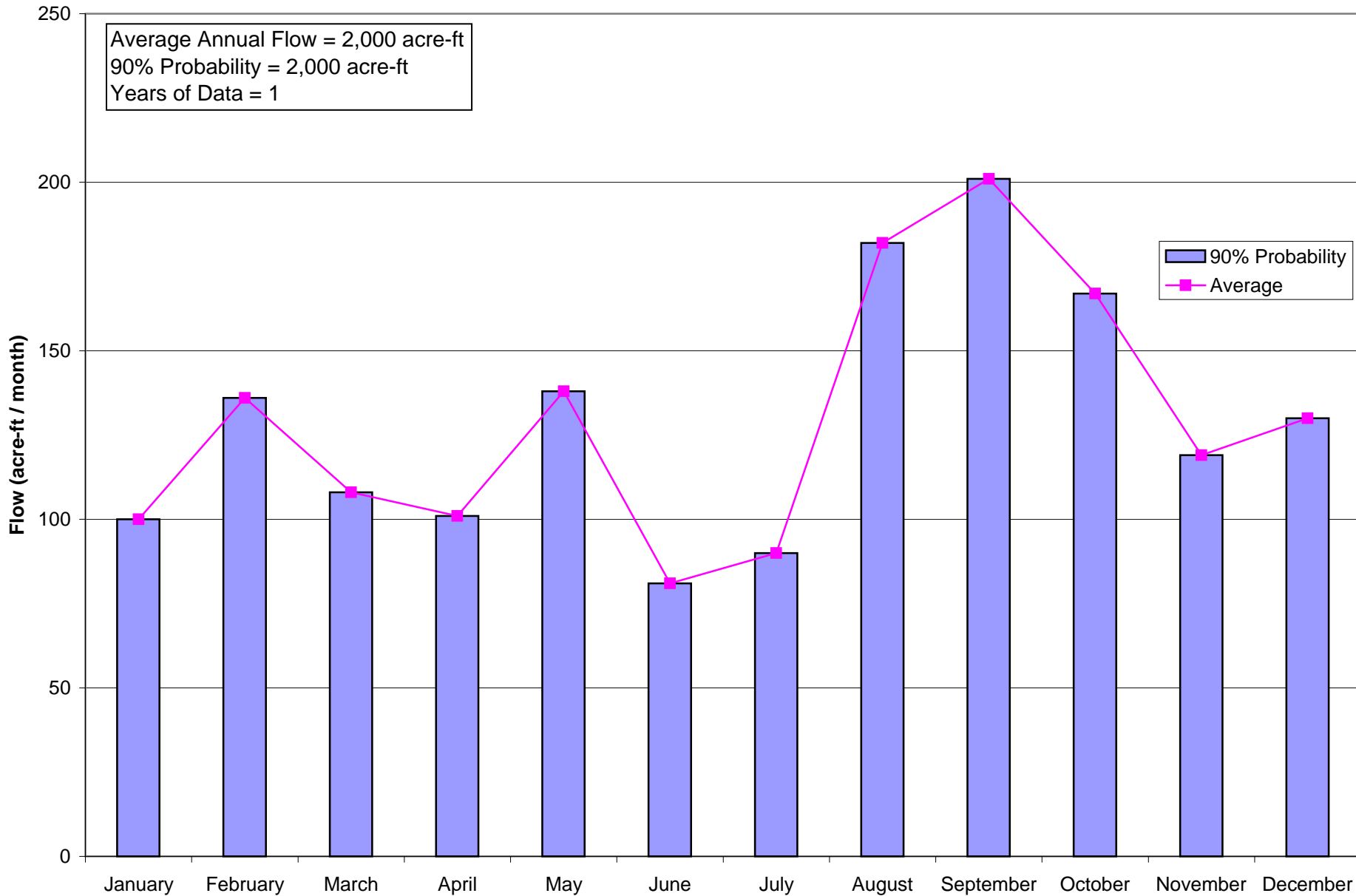
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1930	-	-	-	-	-	-	-	-	-	31,789	30,288	28,284	-
1931	25,825	32,989	43,164	94,017	235,805	206,241	67,882	52,633	59,266	108,403	45,283	33,019	1,005,000
1932	35,109	111,072	228,611	543,451	771,669	630,744	275,772	165,586	60,575	39,168	31,835	29,453	2,923,000
1933	31,236	29,601	60,135	65,157	209,365	484,304	116,212	32,158	72,119	58,844	33,025	35,478	1,228,000
1934	35,294	31,823	51,096	131,385	160,298	30,764	11,806	13,281	36,655	21,828	19,636	25,702	570,000
1935	26,194	33,989	84,115	272,350	432,442	828,893	316,969	128,448	105,382	68,620	39,035	27,608	2,364,000
1936	27,362	28,358	142,713	295,914	446,523	175,775	45,439	126,234	89,256	53,494	54,982	39,168	1,525,000
1937	28,592	50,594	162,512	533,574	671,445	333,045	121,807	30,805	30,288	40,705	29,276	23,611	2,056,000
1938	27,239	40,709	140,315	426,228	535,373	725,950	223,139	43,103	155,901	110,370	47,782	36,893	2,513,000
1939	33,142	27,047	147,140	203,028	343,716	168,278	17,462	10,207	111,987	34,372	34,036	26,071	1,156,000
1940	30,867	37,503	72,863	132,813	296,432	125,673	19,860	24,595	49,686	96,167	44,628	46,239	977,000
1941	44,579	86,527	158,269	332,331	1,157,812	891,967	523,137	129,616	147,868	447,076	162,327	86,267	4,168,000
1942	68,928	59,092	101,823	540,774	476,652	527,326	148,247	51,711	36,893	31,728	31,775	30,805	2,106,000
1943	34,310	41,375	76,552	284,727	314,325	237,779	91,985	79,196	49,091	50,297	43,676	38,061	1,341,000
1944	32,342	36,411	60,688	171,550	611,925	665,851	252,222	53,740	52,661	60,627	37,726	31,851	2,068,000
1945	30,805	43,097	62,656	184,760	419,100	353,633	111,047	60,442	19,577	46,792	33,144	25,579	1,391,000
1946	27,915	29,879	38,184	93,362	127,095	209,574	58,659	58,598	41,593	47,284	42,486	36,770	811,000
1947	29,576	37,099	48,944	65,752	338,674	291,213	108,956	157,162	94,909	123,406	64,800	46,239	1,407,000
1948	50,112	65,401	68,989	368,509	534,758	574,572	144,988	65,607	25,349	47,407	32,787	31,789	2,010,000
1949	33,695	52,094	122,422	313,468	483,784	702,149	313,095	73,724	33,084	45,439	32,370	26,932	2,232,000
1950	37,139	40,875	49,743	163,755	198,420	213,858	70,465	20,106	43,021	28,592	18,744	25,948	911,000
1951	25,763	24,659	33,511	41,772	171,366	195,293	29,330	37,384	18,803	26,624	28,562	35,048	668,000
1952	51,096	36,180	90,018	426,645	598,766	770,579	213,423	80,672	43,260	29,514	27,729	33,203	2,401,000
1953	33,572	28,046	52,879	105,441	166,324	261,759	52,941	36,893	13,507	35,478	38,975	25,763	852,000
1954	26,563	33,878	40,828	126,089	236,543	115,914	104,406	57,368	55,220	77,044	33,322	26,378	934,000
1955	29,391	28,157	47,653	67,954	200,450	223,319	54,785	100,963	26,241	23,980	24,397	30,621	858,000
1956	36,339	30,083	76,183	112,225	266,856	203,326	29,760	30,498	10,116	17,585	23,683	22,259	859,000
1957	32,158	53,760	66,407	163,339	306,762	801,461	531,191	303,626	115,676	116,642	111,749	79,811	2,683,000
1958	48,760	85,972	127,587	387,015	742,770	491,564	69,481	43,656	57,302	41,197	30,228	25,271	2,151,000
1959	23,058	26,880	27,854	45,937	134,473	164,826	19,184	54,478	16,721	85,468	65,217	41,873	706,000
1960	35,232	36,468	263,597	324,714	311,250	404,152	86,943	24,165	26,836	48,022	29,812	28,715	1,620,000
1961	29,268	26,713	62,287	159,531	329,082	237,124	49,252	78,520	102,169	82,701	51,293	37,753	1,246,000
1962	33,388	60,869	70,034	329,355	352,140	305,851	92,293	28,715	24,694	46,239	33,679	24,964	1,402,000
1963	20,229	25,714	38,922	64,860	116,212	55,101	22,074	36,032	43,021	33,203	34,810	30,990	521,000
1964	29,268	21,513	21,459	23,266	123,283	140,965	114,613	98,565	33,084	29,883	32,727	47,530	716,000
1965	114,613	112,852	71,264	154,532	283,704	433,845	283,027	195,408	162,744	171,243	210,169	207,890	2,401,000
1966	195,777	113,129	159,560	231,650	261,261	127,934	49,559	33,511	28,443	95,921	52,185	48,329	1,397,000

Monthly Flows (acre-feet)

USGS Station ID: 9365000
 USGS Station Name: SAN JUAN RIVER AT FARMINGTON, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1967	44,148	53,427	88,665	30,585	92,600	83,782	32,896	105,267	61,468	25,148	25,289	33,572	677,000
1968	32,465	36,296	41,012	81,878	156,978	253,012	77,105	102,561	46,473	38,307	32,608	42,734	941,000
1969	64,132	126,625	123,775	183,630	272,513	246,526	189,074	94,691	103,478	142,651	107,107	110,063	1,764,000
1970	81,225	133,345	109,325	42,664	166,201	141,501	70,465	54,540	198,208	137,609	124,483	147,017	1,407,000
1971	157,531	137,343	95,490	64,324	93,769	144,833	65,423	56,077	43,021	56,876	40,998	86,390	1,042,000
1972	119,839	110,612	126,972	72,893	99,610	110,678	31,482	40,336	48,079	143,389	84,020	99,302	1,087,000
1973	98,688	124,903	104,160	117,759	387,495	451,577	386,819	231,685	178,096	126,726	124,483	131,338	2,464,000
1974	123,836	85,527	86,267	67,894	127,095	80,807	49,805	34,556	36,893	54,540	52,185	50,420	850,000
1975	56,261	46,707	84,545	132,694	292,189	397,488	318,752	135,826	115,736	99,487	99,431	116,150	1,895,000
1976	93,400	75,122	74,646	61,587	188,337	189,342	62,656	39,967	51,471	44,763	35,643	91,740	1,009,000
1977	94,691	53,316	35,847	24,873	35,417	58,493	47,284	64,992	34,572	39,414	44,628	47,284	581,000
1978	55,154	54,538	76,860	90,863	164,295	226,413	73,785	27,055	42,783	50,543	61,527	57,798	982,000
1979	60,442	70,088	156,240	407,246	543,550	583,319	421,559	134,289	40,582	54,662	43,617	123,283	2,639,000
1980	125,066	129,939	168,046	182,440	296,186	381,243	125,681	77,536	88,602	79,995	94,433	96,290	1,845,000
1981	110,924	69,199	48,206	38,023	67,083	115,498	81,963	54,908	67,597	98,257	47,841	48,206	848,000
1982	56,876	46,707	72,924	128,231	228,180	272,945	154,641	131,645	137,217	95,613	78,724	108,157	1,512,000
1983	130,723	119,294	159,683	206,003	236,850	312,694	219,634	113,137	65,931	99,057	75,273	91,125	1,829,000
1984	131,153	157,204	148,739	134,717	324,224	204,635	132,137	116,765	81,878	121,008	124,185	137,425	1,814,000
1985	131,829	145,563	204,323	330,724	486,736	534,764	190,489	82,701	140,608	105,451	174,526	191,903	2,720,000
1986	201,126	126,514	125,681	150,902	234,206	360,952	349,557	179,728	173,693	174,256	211,180	203,155	2,491,000
1987	190,673	168,389	228,303	346,909	411,782	531,312	308,606	88,173	61,706	56,692	63,907	60,504	2,517,000
1988	59,151	59,361	62,902	67,775	111,477	151,617	64,193	97,581	72,000	54,232	51,293	52,572	904,000
1989	57,368	55,593	81,779	100,621	104,344	85,567	52,387	52,941	39,689	51,711	52,364	49,129	783,000
1990	44,640	42,319	41,197	35,643	106,128	142,393	55,339	38,491	50,817	78,458	60,754	56,630	753,000
1991	58,229	59,036	57,060	98,836	224,553	161,316	50,912	36,401	81,759	52,449	64,562	55,216	1,000,000
1992	48,944	58,038	63,271	190,235	368,065	281,633	86,021	59,766	49,686	47,714	48,615	52,326	1,354,000
1993	67,021	91,081	326,130	334,889	395,058	446,876	121,500	73,785	74,975	63,025	68,608	68,005	2,131,000
1994	65,054	46,818	50,604	64,324	328,959	416,172	131,153	41,197	60,099	65,484	63,848	62,225	1,396,000
1995	59,213	61,535	151,444	195,590	393,213	563,980	258,125	104,959	73,131	71,203	73,190	74,892	2,080,000
1996	45,562	48,375	50,235	47,127	163,741	189,223	50,235	39,967	52,245	84,791	52,661	46,239	870,000
1997	43,164	41,209	144,680	152,747	359,088	517,626	175,670	135,457	126,684	93,953	67,359	72,371	1,930,000
1998	73,355	68,255	79,135	134,836	437,546	245,990	103,853	55,646	41,712	69,911	76,760	61,549	1,449,000
1999	61,180	51,039	58,106	74,916	212,501	371,841	171,981	371,631	296,212	67,575	45,461	50,850	1,833,000
2000	51,219	46,649	52,941	85,210	146,771	122,340	35,847	53,556	53,018	63,332	54,506	53,064	818,000
Average	62,129	63,720	96,431	178,012	308,909	324,128	136,978	82,075	71,187	74,105	60,060	60,663	1,520,000
90% Probability	27,350	28,146	40,994	45,610	110,942	115,016	31,310	30,320	26,152	29,883	29,276	25,948	749,000

Average Monthly Flow
USGS Station: 9367536
Ojo Amarillo Canyon at NIIP near Fruitland, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9367536

USGS Station Name: OJO AMARILLO CANYON AT NIIP NR FRUITLAND, NM

Watershed: MIDDLE SAN JUAN

State: New Mexico

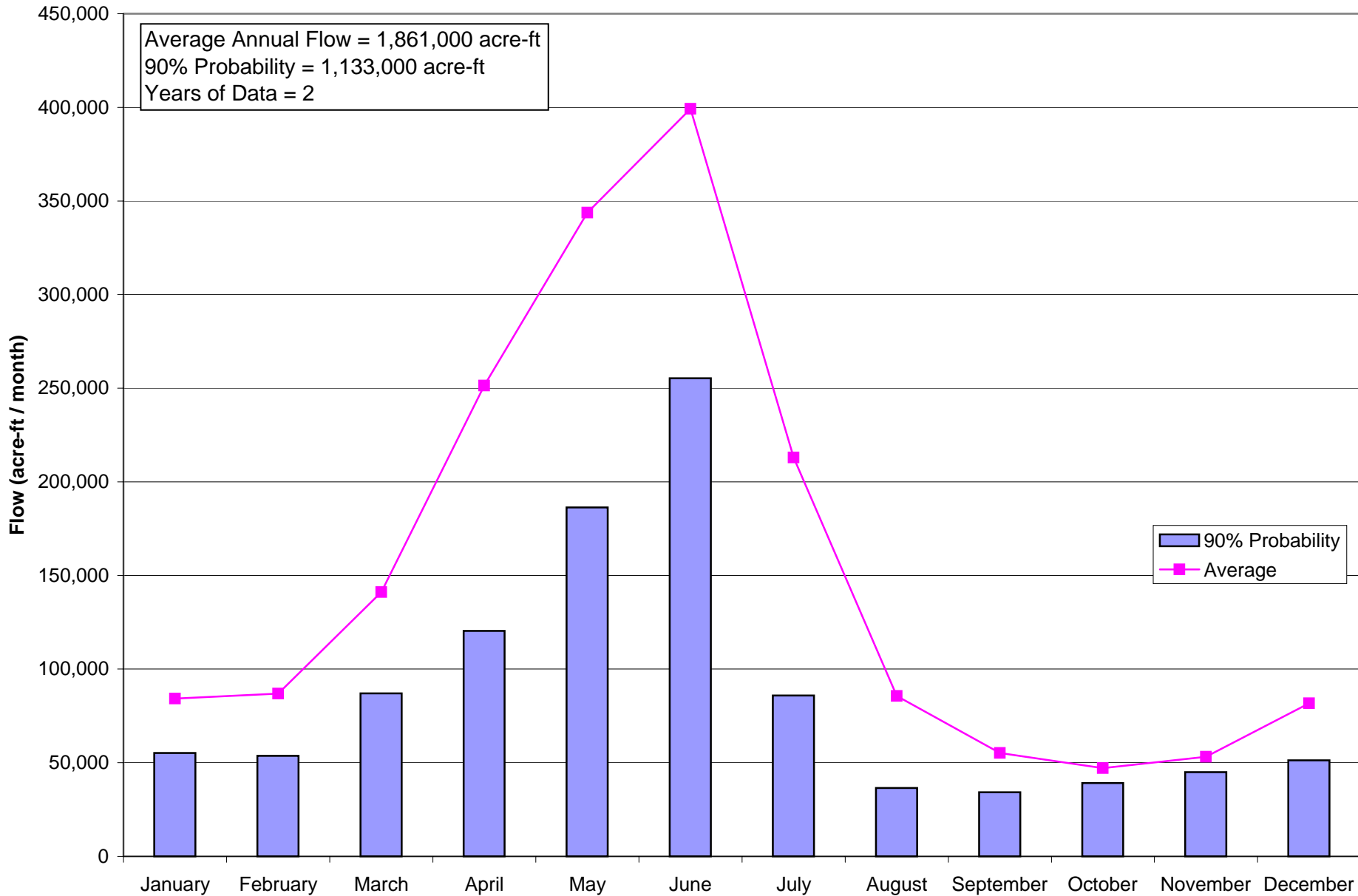
Year	January	February	March	April	May	June	July	August	September	October	November	December
1993	-	-	-	-	-	-	-	-	-	2.72	2	2.12
1994	1.62	2.45	1.76	1.69	2.24	1.36	1.46	2.96	3.38	-	-	-
Average	1.62	2.45	1.76	1.69	2.24	1.36	1.46	2.96	3.38	2.72	2	2.12
Max	1.62	2.45	1.76	1.69	2.24	1.36	1.46	2.96	3.38	2.72	2	2.12
Min	1.62	2.45	1.76	1.69	2.24	1.36	1.46	2.96	3.38	2.72	2	2.12

Monthly Flows (acre-feet)

USGS Station ID: 9367536
 USGS Station Name: OJO AMARILLO CANYON AT NIIP NR FRUITLAND, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1993	-	-	-	-	-	-	-	-	-	167	119	130	-
1994	100	136	108	101	138	81	90	182	201	-	-	-	-
Average	100	136	108	101	138	81	90	182	201	167	119	130	#DIV/0!
90% Probablility	100	136	108	101	138	81	90	182	201	167	119	130	#NUM!

Average Monthly Flow
USGS Station: 9367540
San Juan River near Fruitland, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9367540
 USGS Station Name: SAN JUAN R NR FRUITLAND, NM
 Watershed: MIDDLE SAN JUAN
 State: New Mexico

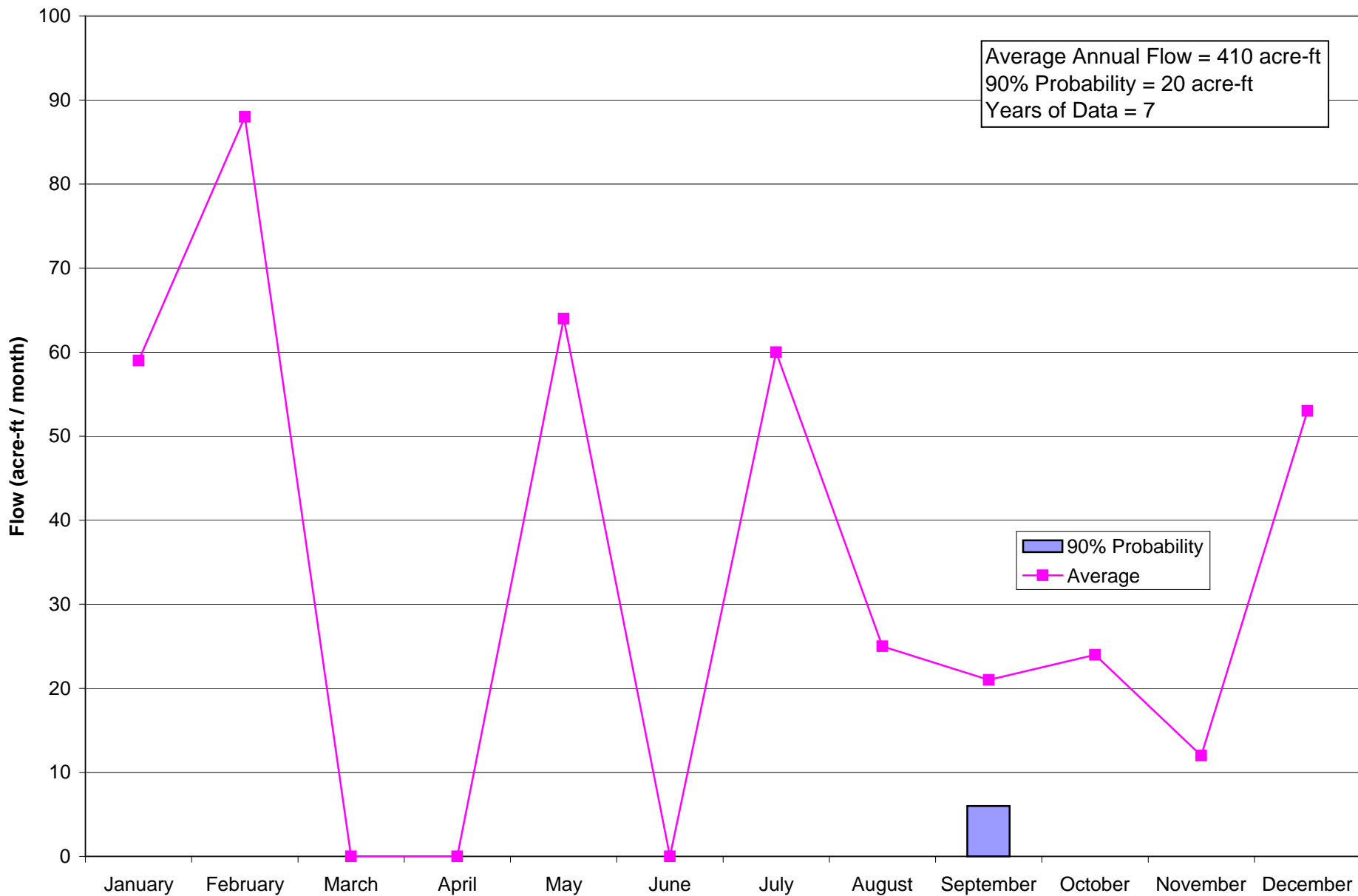
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	606	731	779
1978	857	869	1084	1687	2488	3736	1214	391	548	757	1097	1050
1979	1064	1355	2741	7617	9083	9883	7050	2384	684	934	851	2159
1980	2188	2385	3060	3371	5203	6506	2131	1407	1549	-	-	-
Average	1370	1536	2295	4225	5591	6708	3465	1394	927	766	893	1329
Max	2188	2385	3060	7617	9083	9883	7050	2384	1549	934	1097	2159
Min	857	869	1084	1687	2488	3736	1214	391	548	606	731	779

Monthly Flows (acre-feet)

USGS Station ID: 9367540
 USGS Station Name: SAN JUAN R NR FRUITLAND, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	37,261	43,498	47,899	-
1978	52,695	48,262	66,653	100,383	152,981	222,307	74,646	24,042	32,608	46,546	65,276	64,562	951,000
1979	65,423	75,253	168,538	453,243	558,492	588,079	433,488	146,586	40,701	57,429	50,638	132,752	2,771,000
1980	134,535	137,187	188,152	200,588	319,920	387,134	131,030	86,513	92,172	-	-	-	-
Average	84,218	86,901	141,114	251,405	343,798	399,173	213,055	85,714	55,160	47,079	53,137	81,738	1,861,000
90% Probablility	55,241	53,660	87,030	120,424	186,369	255,272	85,923	36,536	34,227	39,118	44,926	51,232	1,133,000

Average Monthly Flow
USGS Station: 9367555
Shumway Arroyo near Fruitland, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9367555

USGS Station Name: SHUMWAY ARROYO NEAR FRUITLAND, NM

Watershed: MIDDLE SAN JUAN

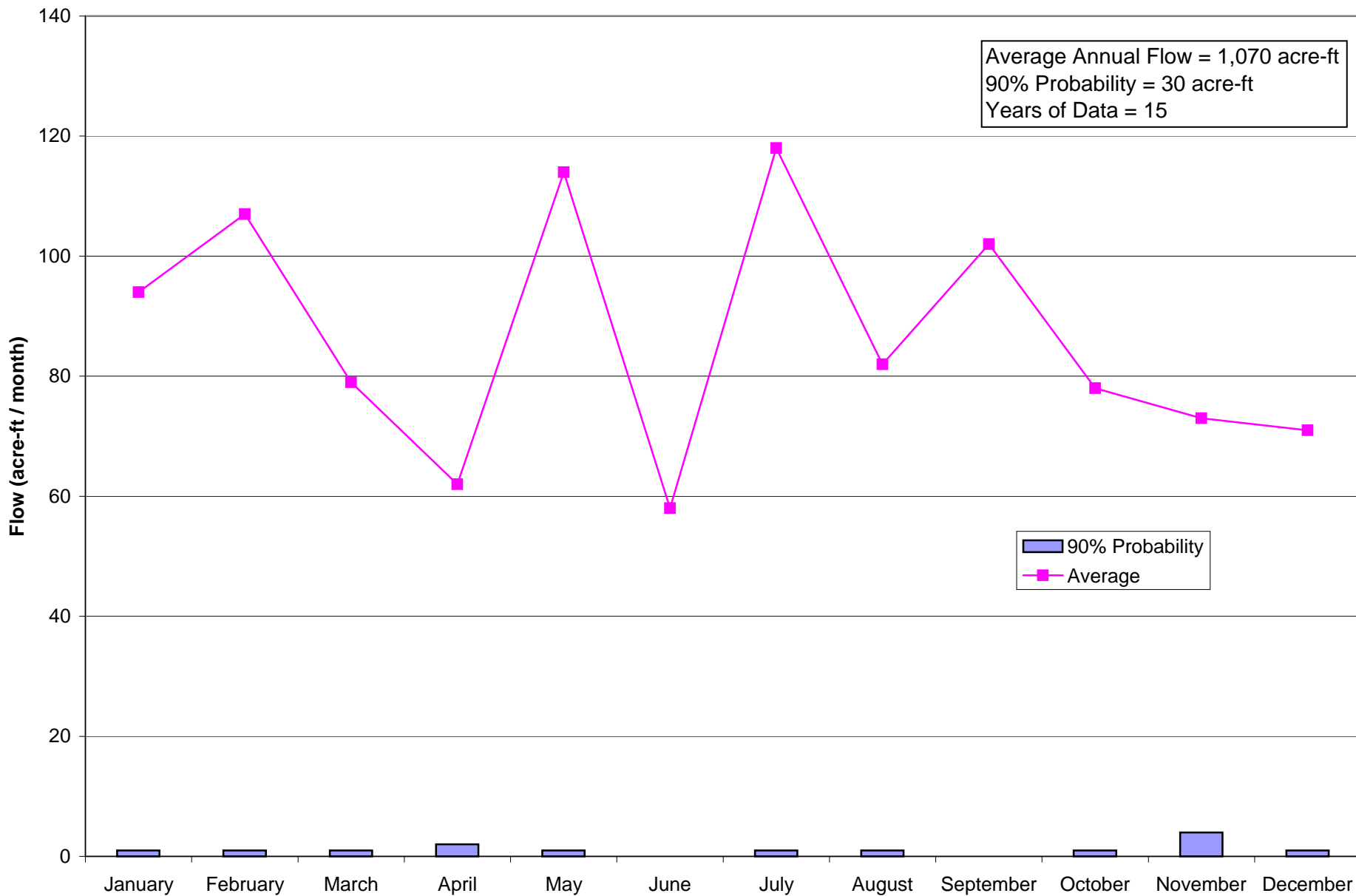
Year	January	February	March	April	May	June	July	August	September	October	November	December
1975	0	0	0	0	0	0.057	0.039	0.098	0.21	0	0	0
1976	0	0	0	0	0	0	5.02	0.21	0.44	0	0	0
1977	0	0	0	0	0	0	0.13	0.13	0	0	0	0
1978	0	0	0.018	0.002	8.26	0	0	0	0.25	0.41	1.45	6.09
1979	7.59	12.3	0	0	0	0	0	0	0.15	0.12	0	0
1980	0.083	0.31	0	0	0	0	0	0	0.18	0.007	0	0
1981	0	0	0	0	0	0	2.39	0.026	0.27	2.23	0	0
1982	0	0.05	0.001	0	0	0	0.26	2.81	1.27	-	-	-
Average	1	1.6	0	0	1	0	1	0.4	0.3	0.4	0.2	0.9
Max	7.6	12.3	0	0	8.3	0.1	5	2.8	1.3	2.2	1.5	6.1
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367555
 USGS Station Name: SHUMWAY ARROYO NEAR FRUITLAND, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1975	0	0	0	0	0	3	2	6	12	0	0	0	20
1976	0	0	0	0	0	0	309	13	26	0	0	0	350
1977	0	0	0	0	0	0	8	8	0	0	0	0	20
1978	0	0	1	0	508	0	0	0	15	25	86	374	1,010
1979	467	683	0	0	0	0	0	0	9	7	0	0	1,170
1980	5	18	0	0	0	0	0	0	11	0	0	0	30
1981	0	0	0	0	0	0	147	2	16	137	0	0	300
1982	0	3	0	0	0	0	16	173	76	-	-	-	-
Average	59	88	0	0	64	0	60	25	21	24	12	53	410
90% Probability	0	0	0	0	0	0	0	0	6	0	0	0	20

Average Monthly Flow
USGS Station: 9367561
Shumway Arroyo near Waterflow, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9367561

USGS Station Name: SHUMWAY ARROYO NEAR WATERFLOW, NM

Watershed: MIDDLE SAN JUAN

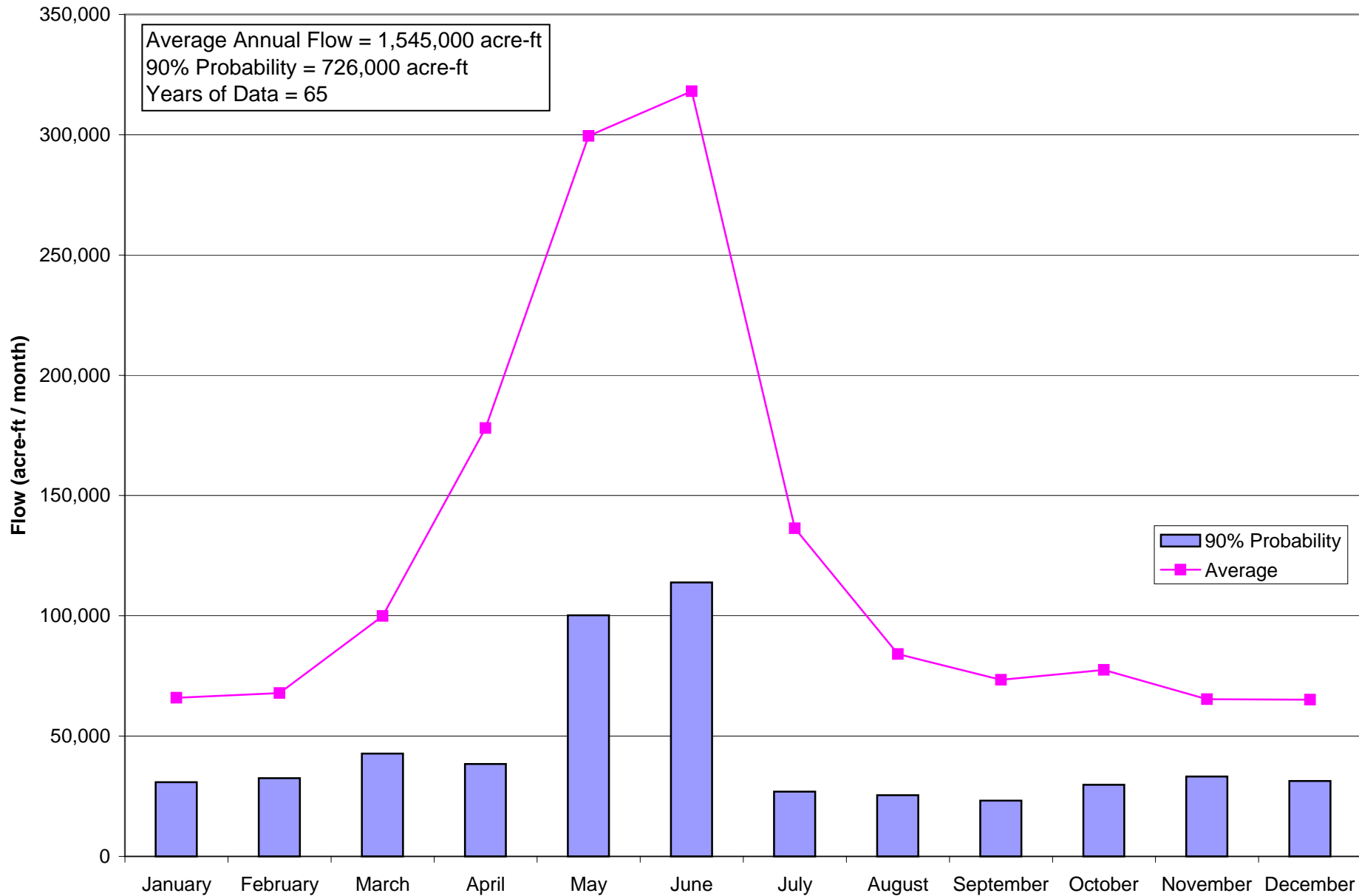
Year	January	February	March	April	May	June	July	August	September	October	November	December
1974	-	-	-	-	-	-	-	-	-	1.05	0.85	0.2
1975	0.1	0.56	0.54	0.59	0.89	0.24	0.19	0.19	4.31	0.32	0.26	0.078
1976	1.26	0.56	0.68	0.53	0.58	0.64	4.68	2.25	1.26	0.71	1.37	0.23
1977	0.72	0.81	1.18	1.35	0.82	1.83	2.04	1.24	0.84	1.32	0.64	0.35
1978	0.26	0.31	1.4	2.49	16.8	3.38	3.49	1.75	2.52	2.53	3.25	3.53
1979	9.2	14.8	1.68	1.03	1.39	1.2	1.96	3.2	4.01	2.14	3.1	2.84
1980	2.19	3.43	5.16	2.47	1.08	2.44	2.14	2.11	3.51	1.97	2.27	3.05
1981	3.22	3.82	2.26	1.97	1.91	2.07	8.4	2.36	3.03	6.84	3.3	4.69
1982	4.52	3.42	4.04	3.21	2.81	2.5	3.5	6.23	4.48	2.18	2.64	2.75
1983	2.52	2.4	3.1	2.54	1.33	0.18	0.055	0.019	0.026	0.016	0.12	0.039
1984	0.013	0.015	0.16	0.096	0.017	0.001	0	0.21	0.004	0.027	0.086	0.11
1985	0.097	0.066	0.08	0.1	0.11	0	0.098	0	1.34	0.14	0.11	0.091
1986	0.075	0.058	0.069	0.041	0.009	0.01	1.92	0.23	0.3	0.99	1.25	0.4
1987	0.31	0.38	0.2	0.14	0.075	0.014	0.18	0.14	0	0.024	0.43	0.054
1988	0.034	0.007	0.004	0.026	0.045	0.007	0.001	0.017	0.004	0	0.053	0.004
1989	0.009	0.025	0.03	0.015	0.007	0	0.1	0.014	0	0.004	0	0
1990	0	0.001	0	0.001	-	-	-	-	-	-	-	-
Average	1.5	1.9	1.3	1	1.9	1	1.9	1.3	1.7	1.3	1.2	1.2
Max	9.2	14.8	5.2	3.2	16.8	3.4	8.4	6.2	4.5	6.8	3.3	4.7
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9367561
 USGS Station Name: SHUMWAY ARROYO NEAR WATERFLOW, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1974	-	-	-	-	-	-	-	-	-	65	51	12	-
1975	6	31	33	35	55	14	12	12	256	20	15	5	490
1976	77	32	42	32	36	38	288	138	75	44	82	14	900
1977	44	45	73	80	50	109	125	76	50	81	38	22	790
1978	16	17	86	148	1,033	201	215	108	150	156	193	217	2,540
1979	566	822	103	61	85	71	121	197	239	132	184	175	2,760
1980	135	197	317	147	66	145	132	130	209	121	135	188	1,920
1981	198	212	139	117	117	123	516	145	180	421	196	288	2,650
1982	278	190	248	191	173	149	215	383	267	134	157	169	2,550
1983	155	133	191	151	82	11	3	1	2	1	7	2	740
1984	1	1	10	6	1	0	0	13	0	2	5	7	50
1985	6	4	5	6	7	0	6	0	80	9	7	6	140
1986	5	3	4	2	1	1	118	14	18	61	74	25	330
1987	19	21	12	8	5	1	11	9	0	1	26	3	120
1988	2	0	0	2	3	0	0	1	0	0	3	0	10
1989	1	1	2	1	0	0	6	1	0	0	0	0	10
1990	0	0	0	0	-	-	-	-	-	-	-	-	-
Average	94	107	79	62	114	58	118	82	102	78	73	71	1,070
90% Probability	1	1	1	2	1	0	1	1	0	1	4	1	30

Average Monthly Flow
USGS Station: 9368000
San Juan River at Shiprock, NM
Watershed: Middle San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9368000
 USGS Station Name: SAN JUAN RIVER AT SHIPROCK, NM
 Watershed: MIDDLE SAN JUAN
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1934	-	-	-	-	-	-	-	-	-	363	365	448
1935	508	887	1365	5076	6424	14349	4955	2362	2554	1166	692	539
1936	619	780	2539	6202	7717	3389	767	2338	2044	954	1025	755
1937	479	1527	3071	9275	11210	5697	2210	611	793	858	576	549
1938	525	836	2572	7068	8507	12030	3543	814	3328	1700	916	682
1939	603	533	2231	3212	5214	2569	263	126	1772	621	599	488
1940	548	668	1114	2287	4783	2060	405	455	1003	1683	810	1022
1941	852	1821	2750	5711	19790	15540	8362	2251	3081	8370	2812	1445
1942	1066	1096	1695	9194	7670	9061	2372	806	611	543	610	596
1943	594	779	1371	4749	4986	3973	1534	1278	849	878	838	681
1944	572	670	1002	3083	9952	11200	4158	836	1017	1070	704	588
1945	538	873	1105	3192	6748	6085	1945	992	358	840	640	473
1946	470	586	622	1519	2038	3424	989	1142	717	780	779	648
1947	504	699	835	1090	5563	4822	1831	3486	1771	2708	1213	905
1948	828	1163	1278	6019	8565	10060	2316	1079	463	902	698	587
1949	640	1026	2133	5145	7907	12420	5171	1228	599	825	707	567
1950	670	835	886	2643	3135	3551	1134	212	773	494	439	475
1951	437	489	559	602	2727	3369	441	662	376	468	475	548
1952	1029	686	1444	7311	10110	13280	3659	1325	778	507	549	563
1953	602	587	923	1796	2663	4591	917	644	149	641	758	521
1954	492	624	691	2002	3690	1922	1997	1014	1243	1255	594	491
1955	501	584	835	1148	3169	3713	1033	2013	466	406	490	550
1956	588	549	1246	1821	4140	3462	442	473	44.4	247	479	386
1957	553	968	1113	2717	5153	13700	8869	5171	2012	1881	1989	1384
1958	817	1632	2118	6670	12030	8343	1081	694	961	738	648	558
1959	478	550	534	689	2085	2722	199	975	156	1512	1271	693
1960	554	645	4443	5511	4910	6622	1375	251	294	771	632	604
1961	519	591	1103	2741	5098	3879	648	1282	1721	1373	1061	652
1962	555	1296	1163	5449	5548	4885	1331	276	359	971	630	469
1963	390	519	637	1009	1644	676	185	538	751	466	588	576

Average Monthly Flows (cfs)

USGS Station ID: 9368000
 USGS Station Name: SAN JUAN RIVER AT SHIPROCK, NM
 Watershed: MIDDLE SAN JUAN
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1964	508	395	359	345	1760	2197	1814	1797	635	464	564	850
1965	1859	1948	1291	2497	4449	7359	4753	3351	2673	2750	3526	3420
1966	3169	2088	2798	3748	3953	1937	685	495	417	1494	987	919
1967	736	1180	1332	362	1275	1379	435	2107	1210	318	488	634
1968	630	753	736	1333	2317	4057	1114	1751	574	657	663	774
1969	981	2208	1971	3197	4344	4022	3065	1479	2116	3058	1975	1904
1970	1319	2475	1813	705	2336	2211	992	698	3237	2232	2134	2286
1971	2575	2541	1552	900	1275	2228	921	1046	678	997	744	1553
1972	1891	1820	2051	1049	1353	1674	222	426	774	2597	1474	1576
1973	1598	2443	1827	2547	6513	7606	6362	3696	2794	1971	2154	2051
1974	2018	1523	1428	1057	2106	1039	752	363	404	1029	912	872
1975	920	849	1400	2447	4509	6324	5346	2228	2007	770	813	1581
1976	1525	1378	1205	862	3071	2950	848	697	824	770	813	1581
1977	1498	883	602	274	268	630	748	894	410	528	740	782
1978	820	946	1233	1650	2293	3458	1064	213	530	652	1171	967
1979	1237	1528	2880	7211	9045	9508	7237	2387	549	952	747	2080
1980	2128	2424	3032	3357	4953	6558	1888	1318	1669	1229	1842	1613
1981	1844	1311	912	542	1012	1905	1443	772	1293	1676	865	796
1982	900	846	1182	2158	3570	4312	2549	2128	2245	1471	1346	1877
1983	2333	2225	2577	3567	4185	5497	3796	1824	1056	1771	1298	1573
1984	2211	2602	2437	2425	5252	3641	2092	1923	1311	2078	2123	2206
1985	2039	2595	3264	5653	7840	8721	2884	1313	2253	1724	2892	2980
1986	3094	2245	2235	2925	3831	5683	5611	2811	3052	3027	3997	3371
1987	3124	3313	3805	5850	6440	8566	4528	1372	956	977	1300	1021
1988	1017	1069	1072	1162	1499	2313	1058	1860	1439	884	840	868
1989	984	1046	1390	1733	1615	1171	705	759	413	748	901	785
1990	727	745	711	601	1656	1998	815	737	843	1342	1132	1019
1991	1074	1215	1029	1750	3515	2443	770	454	1335	683	1442	1138
1992	900	1276	1258	3328	6403	4757	1508	911	935	763	926	907
1993	1218	1429	5099	5970	6387	6816	1611	1059	1089	971	1223	1144

Average Monthly Flows (cfs)

USGS Station ID: 9368000
 USGS Station Name: SAN JUAN RIVER AT SHIPROCK, NM
 Watershed: MIDDLE SAN JUAN
 State: New Mexico

Year	January	February	March	April	May	June	July	August	September	October	November	December
1994	1070	855	886	868	4779	6563	2008	488	957	1005	1003	950
1995	903	1060	2816	3410	5944	9062	4293	1477	1135	978	1061	1024
1996	704	780	700	532	1997	2661	592	402	731	1230	828	605
1997	644	651	2057	2295	5703	8286	2647	2418	2274	1308	1106	1187
1998	1234	1179	1141	1424	5250	3970	1665	959	644	1363	1223	962
1999	921	877	882	1160	3237	5876	3116	5731	4298	1049	790	847
2000	834	803	941	1652	2311	2011	326	602	649	957	952	844
Average	1071	1212	1625	2992	4870	5345	2218	1368	1234	1261	1098	1060
Max	3169	3313	5099	9275	19790	15540	8869	5731	4298	8370	3997	3420
Min	390	395	359	274	268	630	185	126	44	247	365	386

Monthly Flows (acre-feet)

USGS Station ID: 9368000
 USGS Station Name: SAN JUAN RIVER AT SHIPROCK, NM
 Watershed: MIDDLE SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1934	-	-	-	-	-	-	-	-	-	22,320	21,719	27,546	-
1935	31,236	49,261	83,931	302,043	394,996	853,825	304,671	145,234	151,974	71,695	41,177	33,142	2,463,200
1936	38,061	44,866	156,117	369,045	474,500	201,660	47,161	143,758	121,626	58,659	60,992	46,423	1,762,900
1937	29,453	84,805	188,828	551,901	689,276	338,995	135,888	37,569	47,187	52,756	34,274	33,757	2,224,700
1938	32,281	46,429	158,146	420,575	523,075	715,835	217,851	50,051	198,030	104,529	54,506	41,935	2,563,200
1939	37,077	29,601	137,179	191,127	320,596	152,866	16,171	7,747	105,441	38,184	35,643	30,006	1,101,600
1940	33,695	38,424	68,497	136,086	294,095	122,579	24,902	27,977	59,683	103,484	48,198	62,840	1,020,500
1941	52,387	101,133	169,091	339,828	1,216,840	924,694	514,159	138,409	183,332	514,651	167,326	88,850	4,410,700
1942	65,546	60,869	104,221	547,081	471,610	539,167	145,849	49,559	36,357	33,388	36,298	36,647	2,126,600
1943	36,524	43,263	84,300	282,585	306,577	236,410	94,322	78,581	50,519	53,986	49,864	41,873	1,358,800
1944	35,171	38,539	61,611	183,451	611,925	666,446	255,665	51,404	60,516	65,792	41,891	36,155	2,108,600
1945	33,080	48,484	67,944	189,937	414,918	362,083	119,593	60,996	21,302	51,650	38,083	29,084	1,437,200
1946	28,899	32,545	38,245	90,387	125,312	203,742	60,811	70,219	42,664	47,960	46,354	39,844	827,000
1947	30,990	38,820	51,342	64,860	342,056	286,929	112,584	214,346	105,382	166,508	72,179	55,646	1,541,600
1948	50,912	66,897	78,581	358,155	526,641	598,612	142,405	66,345	27,550	55,462	41,534	36,093	2,049,200
1949	39,352	56,981	131,153	306,149	486,182	739,041	317,952	75,507	35,643	50,727	42,069	34,863	2,315,600
1950	41,197	46,374	54,478	157,269	192,764	211,299	69,727	13,035	45,997	30,375	26,122	29,207	917,800
1951	26,870	27,158	34,372	35,821	167,677	200,469	27,116	40,705	22,374	28,776	28,264	33,695	673,300
1952	63,271	39,459	88,788	435,035	621,640	790,215	224,983	81,471	46,294	31,174	32,668	34,618	2,489,600
1953	37,016	32,600	56,753	106,869	163,741	273,183	56,384	39,598	8,866	39,414	45,104	32,035	891,600
1954	30,252	34,655	42,488	119,127	226,889	114,367	122,791	62,348	73,964	77,167	35,345	30,190	969,600
1955	30,805	32,434	51,342	68,311	194,854	220,939	63,517	123,775	27,729	24,964	29,157	33,818	901,600
1956	36,155	31,579	76,614	108,357	254,559	206,003	27,178	29,084	2,642	15,187	28,502	23,734	839,600
1957	34,003	53,760	68,436	161,673	316,846	815,207	545,334	317,952	119,722	115,658	118,354	85,099	2,752,000
1958	50,235	90,637	130,231	396,893	739,696	496,443	66,468	42,672	57,183	45,378	38,559	34,310	2,188,700
1959	29,391	30,545	32,834	40,998	128,202	161,970	12,236	59,950	9,283	92,969	75,630	42,611	716,600
1960	34,064	37,101	273,189	327,927	301,904	394,036	84,545	15,433	17,494	47,407	37,607	37,139	1,607,800
1961	31,912	32,822	67,821	163,101	313,464	230,817	39,844	78,827	102,407	84,422	63,134	40,090	1,248,700
1962	34,126	71,976	71,510	324,238	341,133	290,678	81,840	16,971	21,362	59,704	37,488	28,838	1,379,900
1963	23,980	28,824	39,168	60,040	101,086	40,225	11,375	33,080	44,688	28,653	34,988	35,417	481,500
1964	31,236	22,721	22,074	20,529	108,218	130,731	111,539	110,493	37,785	28,530	33,560	52,264	709,700
1965	114,305	108,186	79,380	148,582	273,558	437,891	292,251	206,045	159,055	169,091	209,812	210,288	2,408,400
1966	194,854	115,962	172,042	223,021	243,060	115,260	42,119	30,436	24,813	91,862	58,731	56,507	1,368,700
1967	45,255	65,534	81,901	21,540	78,397	82,056	26,747	129,554	72,000	19,553	29,038	38,983	690,600
1968	38,737	43,313	45,255	79,319	142,467	241,408	68,497	107,665	34,155	40,397	39,451	47,591	928,300
1969	60,319	122,626	121,192	190,235	267,102	239,326	188,460	90,940	125,911	188,029	117,521	117,072	1,828,700
1970	81,102	137,455	111,477	41,950	143,635	131,564	60,996	42,918	192,615	137,240	126,982	140,561	1,348,500

Monthly Flows (acre-feet)

USGS Station ID: 9368000
 USGS Station Name: SAN JUAN RIVER AT SHIPROCK, NM
 Watershed: MIDDLE SAN JUAN

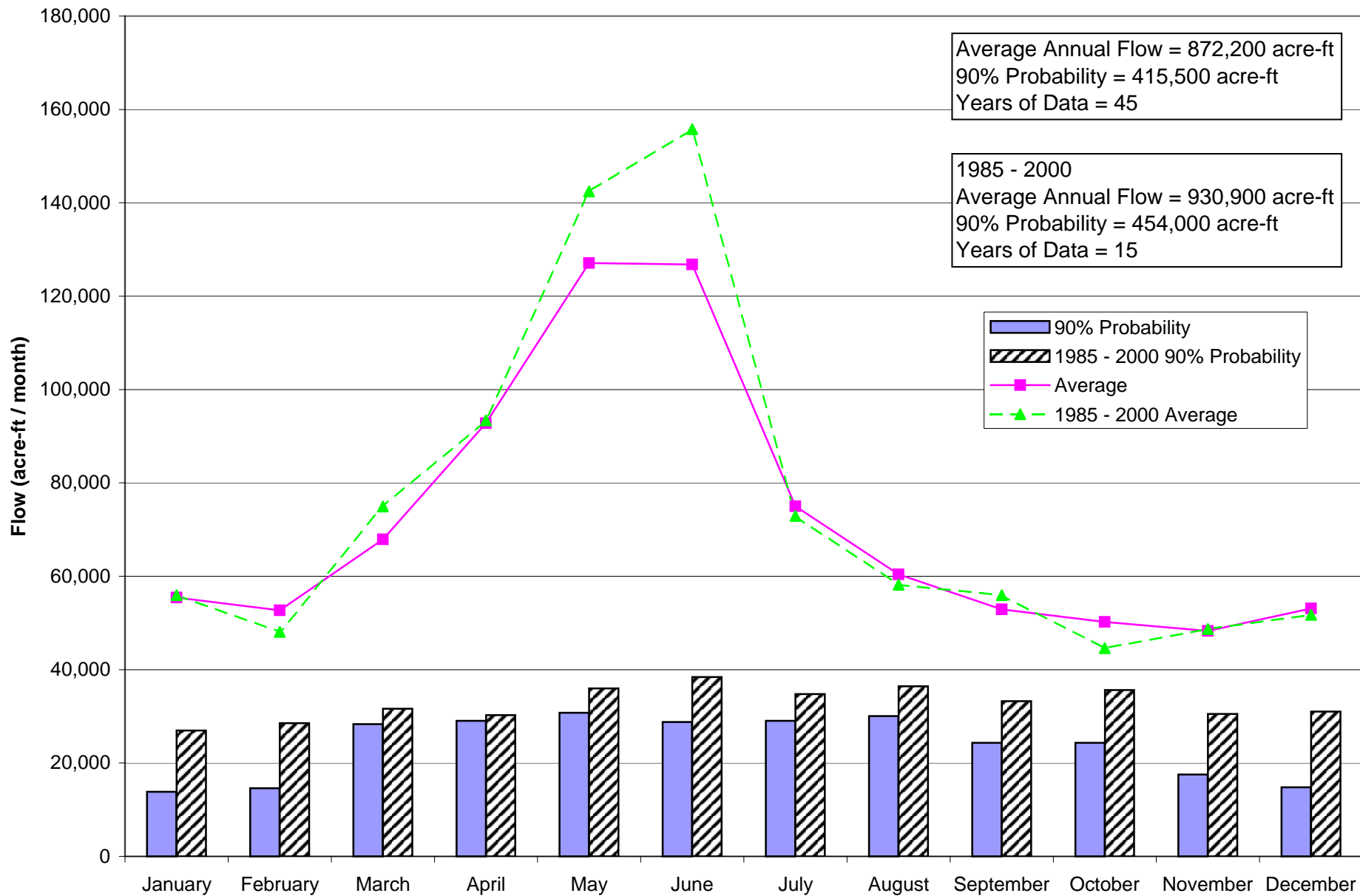
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1971	158,331	141,120	95,429	53,554	78,397	132,575	56,630	64,316	40,344	61,303	44,271	95,490	1,021,800
1972	116,273	104,688	126,111	62,420	83,193	99,610	13,650	26,194	46,056	159,683	87,709	96,904	1,022,500
1973	98,257	135,677	112,338	151,557	400,469	452,588	391,184	227,258	166,255	121,192	128,172	126,111	2,511,100
1974	124,082	84,583	87,804	62,896	129,493	61,825	46,239	22,320	24,040	63,271	54,268	53,617	814,400
1975	56,569	47,151	86,083	145,607	277,248	376,304	328,713	136,994	119,425	47,345	48,377	97,212	1,767,000
1976	93,769	79,263	74,093	51,293	188,828	175,537	52,141	42,857	49,031	47,345	48,377	97,212	999,700
1977	92,108	49,039	37,016	16,304	16,479	37,488	45,993	54,970	24,397	32,465	44,033	48,083	498,400
1978	50,420	52,538	75,814	98,182	140,991	205,765	65,423	13,097	31,537	40,090	69,679	59,459	903,000
1979	76,060	84,861	177,084	429,084	556,155	565,765	444,986	146,771	32,668	58,536	44,450	127,894	2,744,300
1980	130,846	139,430	186,430	199,755	304,548	390,228	116,089	81,041	99,312	75,568	109,607	99,180	1,932,000
1981	113,383	72,809	56,077	32,251	62,225	113,355	88,727	47,468	76,939	103,053	51,471	48,944	866,700
1982	55,339	46,984	72,678	128,410	219,511	256,582	156,732	130,846	133,587	90,448	80,093	115,412	1,486,600
1983	143,451	123,570	158,454	212,251	257,326	327,094	233,407	112,153	62,836	108,895	77,236	96,720	1,913,400
1984	135,949	149,669	149,845	144,298	322,933	216,655	128,632	118,241	78,010	127,771	126,327	135,642	1,834,000
1985	125,373	144,119	200,696	336,377	482,063	518,936	177,330	80,733	134,063	106,005	172,086	183,233	2,661,000
1986	190,243	124,681	137,425	174,050	235,559	338,162	345,007	172,842	181,607	186,123	237,838	207,275	2,530,800
1987	192,087	183,995	233,960	348,099	395,980	509,712	278,416	84,361	56,886	60,073	77,355	62,779	2,483,700
1988	62,533	61,490	65,915	69,144	92,170	137,633	65,054	114,367	85,626	54,355	49,983	53,371	911,600
1989	60,504	58,092	85,468	103,121	99,302	69,679	43,349	46,669	24,575	45,993	53,613	48,268	738,600
1990	44,701	41,375	43,718	35,762	101,823	118,889	50,112	45,316	50,162	82,516	67,359	62,656	744,400
1991	66,038	67,478	63,271	104,132	216,129	145,369	47,345	27,915	79,438	41,996	85,805	69,973	1,014,900
1992	55,339	73,396	77,351	198,030	393,705	283,061	92,723	56,015	55,636	46,915	55,101	55,769	1,443,000
1993	74,892	79,363	313,525	355,240	392,721	405,580	99,057	65,115	64,800	59,704	72,774	70,342	2,053,100
1994	65,792	47,484	54,478	51,650	293,849	390,526	123,467	30,006	56,945	61,795	59,683	58,413	1,294,100
1995	55,523	58,869	173,149	202,909	365,482	539,226	263,966	90,817	67,537	60,135	63,134	62,963	2,003,700
1996	43,287	44,866	43,041	31,656	122,791	158,340	36,401	24,718	43,498	75,630	49,269	37,200	710,700
1997	39,598	36,155	126,480	136,562	350,664	493,051	162,758	148,677	135,312	80,426	65,812	72,986	1,848,500
1998	75,876	65,478	70,157	84,734	322,810	236,231	102,377	58,967	38,321	83,808	72,774	59,151	1,270,700
1999	56,630	48,706	54,232	69,025	199,035	349,646	191,595	352,385	255,749	64,500	47,008	52,080	1,740,600
2000	51,281	46,189	57,860	98,301	142,098	119,663	20,045	37,016	38,618	58,844	56,648	51,896	778,500
Average	65,883	67,875	99,947	178,041	299,446	318,061	136,386	84,108	73,436	77,515	65,350	65,149	1,533,000
90% Probability	30,898	32,490	42,765	38,410	100,194	113,861	26,932	25,456	23,207	29,735	33,203	31,297	728,000

Appendix C-6 USGS Gages in the Upper San Juan Watershed

The USGS Gages included in the Upper San Juan Watershed are:

USGS Station ID	Name	Watershed
9355500	San Juan River near Archuleta, NM	Upper San Juan
9356500	San Juan River near Blanco, NM	Upper San Juan
9357000	San Juan River at Bloomfield, NM	Upper San Juan
9357100	San Juan River at Hammond Bridge near Bloomfield, NM	Upper San Juan
9357245	Gallegos Canyon at NIIP near Carson Trading Post, NM	Upper San Juan
9357250	Gallegos Canyon near Farmington, NM	Upper San Juan
9357255	Gallegos Canyon at NIIP near Farmington, NM	Upper San Juan

Average Monthly Flow
USGS Station: 9355500
San Juan River near Archuleta, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9355500

USGS Station Name: SAN JUAN RIVER NEAR ARCHULETA, NM

Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1954	-	-	-	-	-	-	-	-	-	-	-	203
1955	197	230	446	760	2144	2007	687	1083	472	317	278	247
1956	261	256	778	1323	2823	1964	403	374	188	195	191	143
1957	216	543	742	2018	3612	8064	5311	2669	1125	1095	1135	712
1958	355	924	1247	4688	7476	4541	689	569	674	413	284	220
1959	178	261	293	621	1416	1408	285	560	260	969	648	317
1960	234	272	2849	4034	3140	3895	895	404	379	420	272	232
1961	190	282	702	1900	3130	2044	612	849	983	842	572	295
1962	251	748	836	4061	3708	2768	627	479	316	298	240	162
1963	115	149	238	517	305	316	329	353	338	389	399	390
1964	283	229	207	244	551	1376	1755	780	439	460	346	524
1965	1467	1661	843	1429	2249	3614	1656	2215	1885	2131	3018	2886
1966	2733	1684	1855	3040	2103	458	456	472	454	1481	793	409
1967	409	804	1131	389	279	300	320	1010	986	350	355	344
1968	303	350	292	1015	792	474	492	626	790	570	383	397
1969	645	1985	1525	1852	1901	1980	1603	1167	1283	1561	1366	1459
1970	824	1989	1477	441	469	498	505	634	1320	1806	1729	1907
1971	2290	2164	1101	502	499	492	501	498	502	402	306	1067
1972	1506	1468	1506	818	502	508	498	627	624	518	499	1016
1973	1149	1743	476	500	2170	3066	4321	3508	2674	1950	1971	1947
1974	1681	1177	1021	987	927	641	586	700	702	518	471	492
1975	525	483	508	1380	2405	2423	2449	1833	1550	1458	1428	1566
1976	1251	933	915	702	1428	1379	544	608	666	478	462	1185
1977	1218	663	516	513	556	603	560	572	525	533	512	471
1978	496	522	507	524	526	476	488	554	634	491	507	507
1979	499	579	1605	4768	4960	5169	5125	1858	759	760	549	1686
1980	1639	1719	2358	1532	1958	1198	991	1282	1208	1172	1416	1370
1981	1643	1128	648	445	496	571	800	867	896	885	589	598
1982	670	491	729	1424	1885	1701	1201	1026	1104	1038	901	1479
1983	1830	1739	2073	2667	1722	1293	1592	1042	1102	1117	990	1081
1984	1864	2362	1881	1530	1903	887	869	856	1043	1355	1622	1819

Average Monthly Flows (cfs)

USGS Station ID: 9355500

USGS Station Name: SAN JUAN RIVER NEAR ARCHULETA, NM

Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1985	1810	2150	2617	3671	4962	4695	1835	1186	1476	1123	2434	2625
1986	2768	1729	1411	1377	1227	2249	3106	2415	2022	1620	2468	2745
1987	2741	2382	2909	3957	3442	4849	3559	783	797	651	612	614
1988	592	610	632	622	624	650	689	597	558	591	647	649
1989	651	658	640	640	666	673	620	628	621	618	622	558
1990	509	516	521	527	537	527	509	499	550	568	543	518
1991	533	542	554	942	1922	641	610	604	604	625	635	576
1992	530	581	595	2127	3575	2784	694	622	634	600	527	568
1993	576	841	4216	4445	2871	3299	731	634	625	612	734	765
1994	738	545	522	627	3489	4300	1947	631	611	605	558	532
1995	544	516	1616	2748	4312	4397	1230	812	793	788	776	733
1996	379	494	498	489	621	2173	613	624	622	638	326	265
1997	264	258	1051	971	2955	4036	1100	609	612	620	619	757
1998	855	851	644	933	3978	2537	596	588	560	553	572	547
1999	572	601	570	544	1334	2562	534	3052	3241	740	503	491
2000	498	500	507	487	549	1517	596	850	711	651	523	522
Average	901.8	941.6	1104.5	1559.4	2067.4	2130.5	1220	982.8	889.5	816.8	811.5	863.7
Max	2768	2382	4216	4768	7476	8064	5311	3508	3241	2131	3018	2886
Min	115	149	207	244	279	300	285	353	188	195	191	143
1985 - 2000												
Average	910	860.9	1218.9	1569.2	2316.5	2618.1	1185.6	945.9	939.8	725.2	818.7	841.6
1985 - 2000												
Max	2768	2382	4216	4445	4962	4849	3559	3052	3241	1620	2468	2745
1985 - 2000												
Min	264	258	498	487	537	527	509	499	550	553	326	265

Monthly Flows (acre-feet)

USGS Station ID: 9355500
 USGS Station Name: SAN JUAN RIVER NEAR ARCHULETA, NM
 Watershed: UPPER SAN JUAN

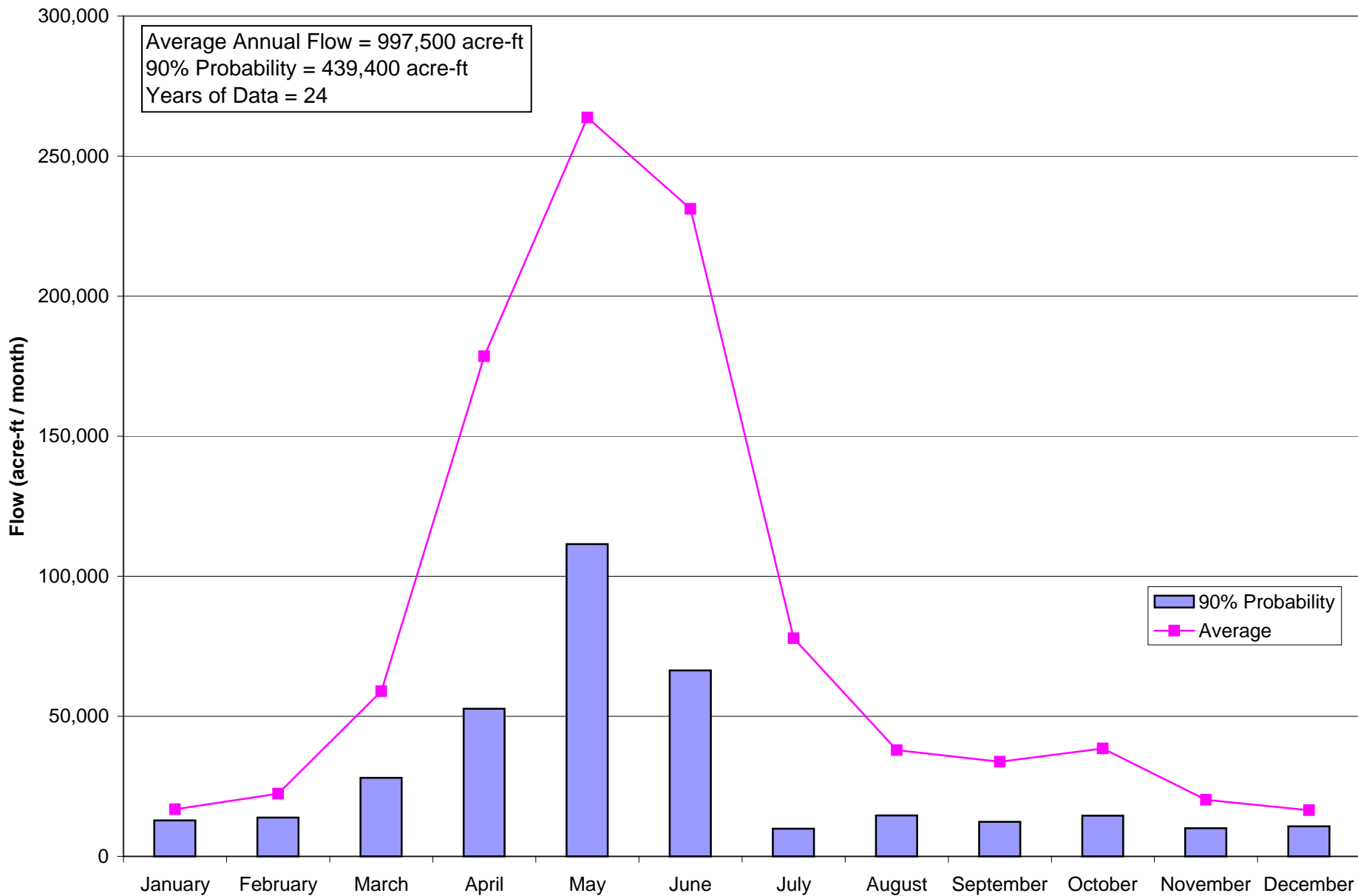
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1954	-	-	-	-	-	-	-	-	-	-	-	12,482	-
1955	12,113	12,774	27,423	45,223	131,829	119,425	42,242	66,591	28,086	19,492	16,542	15,187	536,900
1956	16,048	14,725	47,837	78,724	173,580	116,866	24,780	22,996	11,187	11,990	11,365	8,793	538,900
1957	13,281	30,157	45,624	120,079	222,093	479,841	326,561	164,110	66,942	67,329	67,537	43,779	1,647,300
1958	21,828	51,316	76,675	278,955	459,681	270,208	42,365	34,986	40,106	25,394	16,899	13,527	1,331,900
1959	10,945	14,495	18,016	36,952	87,066	83,782	17,524	34,433	15,471	59,581	38,559	19,492	436,300
1960	14,388	15,646	175,178	240,040	193,071	231,769	55,031	24,841	22,552	25,825	16,185	14,265	1,028,800
1961	11,683	15,661	43,164	113,058	192,456	121,626	37,630	52,203	58,493	51,773	34,036	18,139	749,900
1962	15,433	41,542	51,404	241,646	227,996	164,707	38,553	29,453	18,803	18,323	14,281	9,961	872,100
1963	7,071	8,275	14,634	30,764	18,754	18,803	20,229	21,705	20,112	23,919	23,742	23,980	232,000
1964	17,401	13,172	12,728	14,519	33,880	81,878	107,911	47,960	26,122	28,284	20,588	32,220	436,700
1965	90,202	92,247	51,834	85,031	138,286	215,048	101,823	136,195	112,165	131,030	179,583	177,453	1,510,900
1966	168,046	93,525	114,060	180,893	129,308	27,253	28,038	29,022	27,015	91,063	47,187	25,148	960,600
1967	25,148	44,652	69,542	23,147	17,155	17,851	19,676	62,102	58,671	21,521	21,124	21,152	401,700
1968	18,631	20,132	17,954	60,397	48,698	28,205	30,252	38,491	47,008	35,048	22,790	24,411	392,000
1969	39,660	110,241	93,769	110,202	116,888	117,818	98,565	71,756	76,344	95,982	81,283	89,710	1,102,200
1970	50,666	110,463	90,817	26,241	28,838	29,633	31,051	38,983	78,545	111,047	102,883	117,257	816,400
1971	140,807	120,182	67,698	29,871	30,682	29,276	30,805	30,621	29,871	24,718	18,208	65,607	618,300
1972	92,600	84,440	92,600	48,674	30,867	30,228	30,621	38,553	37,131	31,851	29,693	62,471	609,700
1973	70,649	96,801	29,268	29,752	133,428	182,440	265,688	215,699	159,114	119,901	117,283	119,716	1,539,700
1974	103,361	65,367	62,779	58,731	56,999	38,142	36,032	43,041	41,772	31,851	28,026	30,252	596,400
1975	32,281	26,824	31,236	82,116	147,878	144,179	150,583	112,707	92,231	89,649	84,972	96,290	1,090,900
1976	76,921	53,667	56,261	41,772	87,804	82,056	33,449	37,384	39,630	29,391	27,491	72,863	638,700
1977	74,892	36,821	31,728	30,526	34,187	35,881	34,433	35,171	31,240	32,773	30,466	28,961	437,100
1978	30,498	28,990	31,174	31,180	32,342	28,324	30,006	34,064	37,726	30,190	30,169	31,174	375,800
1979	30,682	32,156	98,688	283,716	304,979	307,577	315,124	114,244	45,164	46,731	32,668	103,668	1,715,400
1980	100,778	98,878	144,988	91,160	120,393	71,286	60,934	78,827	71,881	72,063	84,258	84,238	1,079,700
1981	101,024	62,646	39,844	26,479	30,498	33,977	49,190	53,310	53,316	54,417	35,048	36,770	576,500
1982	41,197	27,269	44,824	84,734	115,904	101,217	73,847	63,086	65,693	63,824	53,613	90,940	826,100
1983	112,522	96,579	127,464	158,698	105,882	76,939	97,888	64,070	65,574	68,682	58,909	66,468	1,099,700
1984	114,613	135,864	115,658	91,041	117,011	52,780	53,433	52,633	62,063	83,316	96,516	111,846	1,086,800
1985	111,293	119,405	160,913	218,440	305,101	279,372	112,830	72,924	87,828	69,051	144,833	161,405	1,843,400
1986	170,198	96,024	86,759	81,937	75,445	133,825	190,980	148,493	120,317	99,610	146,856	168,783	1,519,200
1987	168,538	132,290	178,867	235,458	211,640	288,536	218,834	48,145	47,425	40,028	36,417	37,753	1,643,900
1988	36,401	35,088	38,860	37,012	38,368	38,678	42,365	36,708	33,203	36,339	38,499	39,905	451,400
1989	40,028	36,543	39,352	38,083	40,951	40,046	38,122	38,614	36,952	37,999	37,012	34,310	458,000
1990	31,297	28,657	32,035	31,359	33,019	31,359	31,297	30,682	32,727	34,925	32,311	31,851	381,500

Monthly Flows (acre-feet)

USGS Station ID: 9355500
 USGS Station Name: SAN JUAN RIVER NEAR ARCHULETA, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1991	32,773	30,101	34,064	56,053	118,179	38,142	37,507	37,139	35,940	38,430	37,785	35,417	531,500
1992	32,588	33,420	36,585	126,565	219,818	165,660	42,672	38,245	37,726	36,893	31,359	34,925	836,500
1993	35,417	46,707	259,232	264,496	176,531	196,304	44,947	38,983	37,190	37,630	43,676	47,038	1,228,200
1994	45,378	30,268	32,097	37,309	214,530	255,868	119,716	38,799	36,357	37,200	33,203	32,711	913,400
1995	33,449	28,657	99,364	163,517	265,135	261,640	75,630	49,928	47,187	48,452	46,175	45,070	1,164,200
1996	23,304	28,415	30,621	29,098	38,184	129,302	37,692	38,368	37,012	39,229	19,398	16,294	466,900
1997	16,233	14,329	64,623	57,779	181,696	240,159	67,636	37,446	36,417	38,122	36,833	46,546	837,800
1998	52,572	47,262	39,598	55,517	244,598	150,962	36,647	36,155	33,322	34,003	34,036	33,634	798,300
1999	35,171	33,378	35,048	32,370	82,024	152,450	32,834	187,660	192,853	45,501	29,931	30,190	889,400
2000	30,621	28,760	31,174	28,979	33,757	90,268	36,647	52,264	42,307	40,028	31,121	32,097	478,000
Average	55,448	52,713	67,914	92,789	127,118	126,774	75,013	60,430	52,930	50,226	48,290	53,110	863,600
90% Probablility	13,835	14,610	28,346	29,039	30,775	28,800	29,022	30,037	24,337	24,319	17,554	14,818	419,000
1985 - 2000 Average	55,954	48,082	74,950	93,373	142,436	155,786	72,897	58,160	55,923	44,590	48,715	51,746	902,600
1985 - 2000 90% Probablility	26,963	28,536	31,605	30,229	35,971	38,410	34,741	36,432	33,263	35,632	30,526	31,021	454,700

Average Monthly Flow
USGS Station: 9356500
San Juan River near Blanco, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9356500
 USGS Station Name: SAN JUAN R NR BLANCO, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1930	-	-	-	-	-	-	-	-	-	274	224	256
1931	209	319	448	1222	2590	2007	592	322	654	1009	449	297
1932	300	1035	2420	6365	7781	6207	2664	1618	556	334	217	226
1933	274	316	629	811	2293	4336	936	305	878	570	284	265
1934	279	316	612	1511	1365	255	151	127	301	125	139	182
1935	210	370	798	3335	4978	9372	3189	1216	1019	510	307	219
1936	215	231	1485	4092	4462	1624	334	1072	877	459	557	309
1937	264	400	1676	6452	7492	3899	1200	374	207	375	259	207
1938	243	304	1625	4643	5613	6949	1734	375	1477	975	441	295
1939	258	244	1540	2416	3457	1442	116	90	760	267	280	194
1940	217	326	815	1568	2832	1026	164	260	457	931	388	367
1941	343	873	1952	4448	12750	9501	4967	1142	1163	4181	1388	788
1942	681	636	1015	6904	4924	4865	1109	507	368	277	270	237
1943	252	431	896	3125	2909	2070	791	592	363	476	336	311
1944	214	252	631	2237	6230	6392	2105	553	678	601	286	226
1945	227	441	665	2378	4508	3313	999	513	209	403	262	176
1946	210	270	383	1058	1166	1322	389	469	400	472	354	268
1947	215	340	504	732	3038	2302	598	1314	884	1159	556	409
1948	419	563	721	4370	5117	5655	1088	647	284	346	224	207
1949	260	400	1359	3875	5158	6778	3150	807	435	413	256	174
1950	236	397	512	1844	2016	1784	650	229	368	226	119	136
1951	126	174	296	465	1802	1479	160	337	157	144	139	302
1952	447	295	940	5503	6341	7241	2003	897	433	252	212	276
1953	282	281	609	1213	1838	2386	596	381	121	298	295	196
1954	177	358	477	1458	2293	1027	710	644	574	569	252	165
Average	273.3	398.8	958.7	3001	4289.7	3884.7	1266.5	616.3	567.6	625.8	339.8	267.5
Max	681	1035	2420	6904	12750	9501	4967	1618	1477	4181	1388	788
Min	126	174	296	465	1166	255	116	90	121	125	119	136

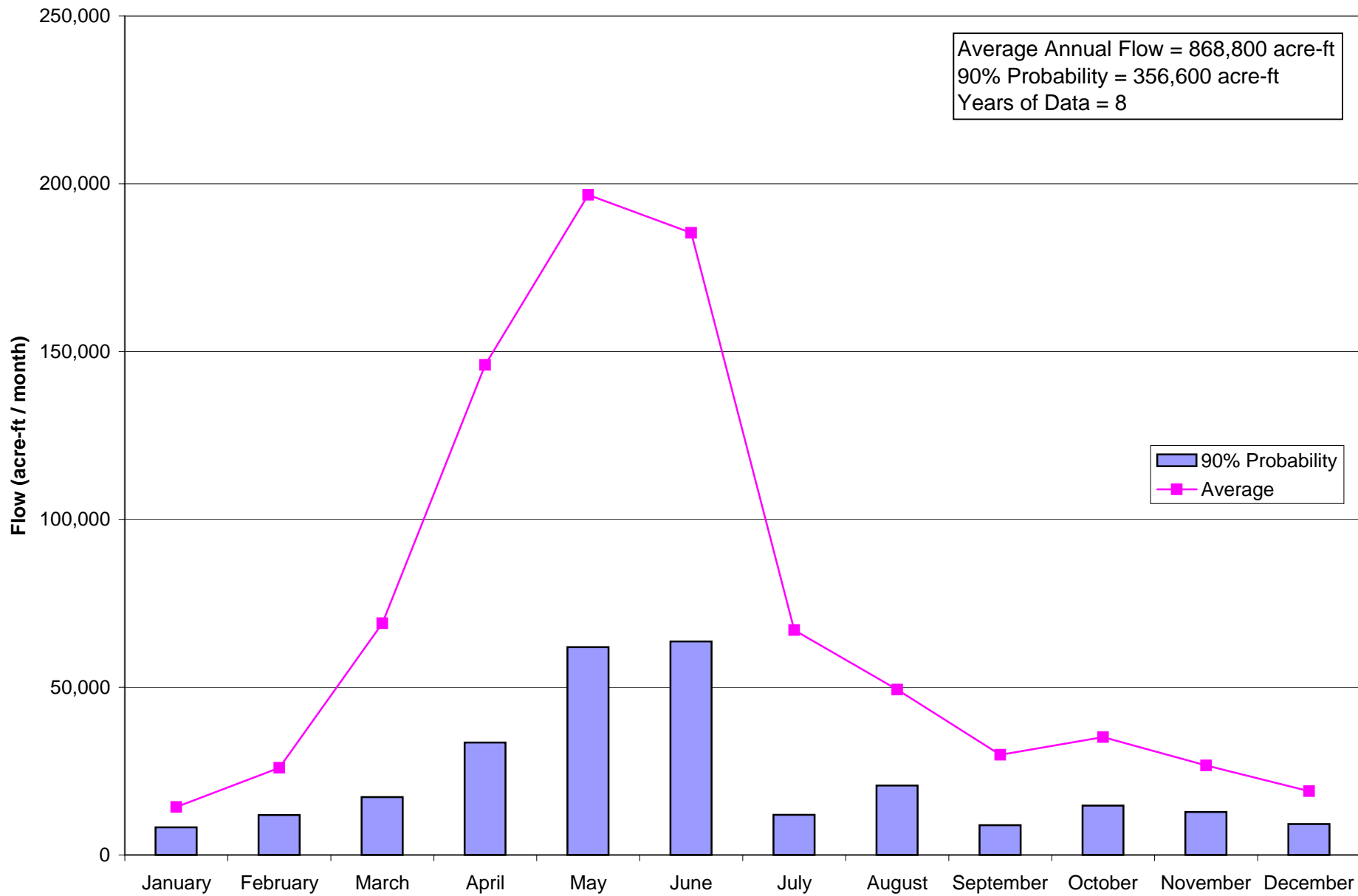
Monthly Flows (acre-feet)

USGS Station ID: 9356500
 USGS Station Name: SAN JUAN R NR BLANCO, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1930	-	-	-	-	-	-	-	-	-	16,848	13,329	15,741	-
1931	12,851	17,716	27,546	72,714	159,253	119,425	36,401	19,799	38,916	62,041	26,717	18,262	611,600
1932	18,446	59,534	148,800	378,744	478,435	369,342	163,803	99,487	33,084	20,537	12,912	13,896	1,797,000
1933	16,848	17,550	38,676	48,258	140,991	258,010	57,552	18,754	52,245	35,048	16,899	16,294	717,100
1934	17,155	17,550	37,630	89,911	83,931	15,174	9,285	7,809	17,911	7,686	8,271	11,191	323,500
1935	12,912	20,549	49,067	198,446	306,085	557,673	196,084	74,769	60,635	31,359	18,268	13,466	1,539,300
1936	13,220	13,287	91,309	243,491	274,358	96,635	20,537	65,915	52,185	28,223	33,144	19,000	951,300
1937	16,233	22,215	103,053	383,921	460,665	232,007	73,785	22,996	12,317	23,058	15,412	12,728	1,378,400
1938	14,941	16,883	99,917	276,278	345,130	413,494	106,620	23,058	87,888	59,950	26,241	18,139	1,488,500
1939	15,864	13,551	94,691	143,762	212,563	85,805	7,133	5,534	45,223	16,417	16,661	11,929	669,100
1940	13,343	18,752	50,112	93,302	174,133	61,051	10,084	15,987	27,193	57,245	23,088	22,566	566,900
1941	21,090	48,484	120,024	264,674	783,967	565,349	305,409	70,219	69,203	257,080	82,592	48,452	2,636,500
1942	41,873	35,322	62,410	410,817	302,765	289,488	68,190	31,174	21,898	17,032	16,066	14,573	1,311,600
1943	15,495	23,937	55,093	185,950	178,867	123,174	48,637	36,401	21,600	29,268	19,993	19,123	757,500
1944	13,158	14,495	38,799	133,111	383,068	380,350	129,431	34,003	40,344	36,954	17,018	13,896	1,234,600
1945	13,958	24,492	40,889	141,501	277,186	197,137	61,426	31,543	12,436	24,780	15,590	10,822	851,800
1946	12,912	14,995	23,550	62,955	71,695	78,664	23,919	28,838	23,802	29,022	21,064	16,479	407,900
1947	13,220	18,883	30,990	43,557	186,799	136,979	36,770	80,795	52,602	71,264	33,084	25,148	730,100
1948	25,763	32,384	44,333	260,033	314,632	336,496	66,899	39,782	16,899	21,275	13,329	12,728	1,184,600
1949	15,987	22,215	83,562	230,579	317,153	403,319	193,686	49,620	25,884	25,394	15,233	10,699	1,393,300
1950	14,511	22,048	31,482	109,726	123,959	106,155	39,967	14,081	21,898	13,896	7,081	8,362	513,200
1951	7,747	9,663	18,200	27,669	110,801	88,007	9,838	20,721	9,342	8,854	8,271	18,569	337,700
1952	27,485	16,969	57,798	327,451	389,893	430,869	123,160	55,154	25,765	15,495	12,615	16,971	1,499,600
1953	17,340	15,606	37,446	72,179	113,014	141,977	36,647	23,427	7,200	18,323	17,554	12,052	512,800
1954	10,883	19,882	29,330	86,757	140,991	61,111	43,656	39,598	34,155	34,986	14,995	10,145	526,500
Average	16,801	22,373	58,946	178,574	263,764	231,154	77,872	37,894	33,776	38,481	20,217	16,449	997,500
90% Probability	12,869	13,834	28,081	52,667	111,465	66,377	9,912	14,653	12,353	14,536	10,009	10,748	439,400

Average Monthly Flow
USGS Station: 9357000
San Juan River at Bloomfield, NM
Watershed: Upper San Juan

Average Annual Flow = 868,800 acre-ft
90% Probability = 356,600 acre-ft
Years of Data = 8



Average Monthly Flows (cfs)

USGS Station ID: 9357000

USGS Station Name: SAN JUAN RIVER AT BLOOMFIELD, NM

Watershed: UPPER SAN JUAN

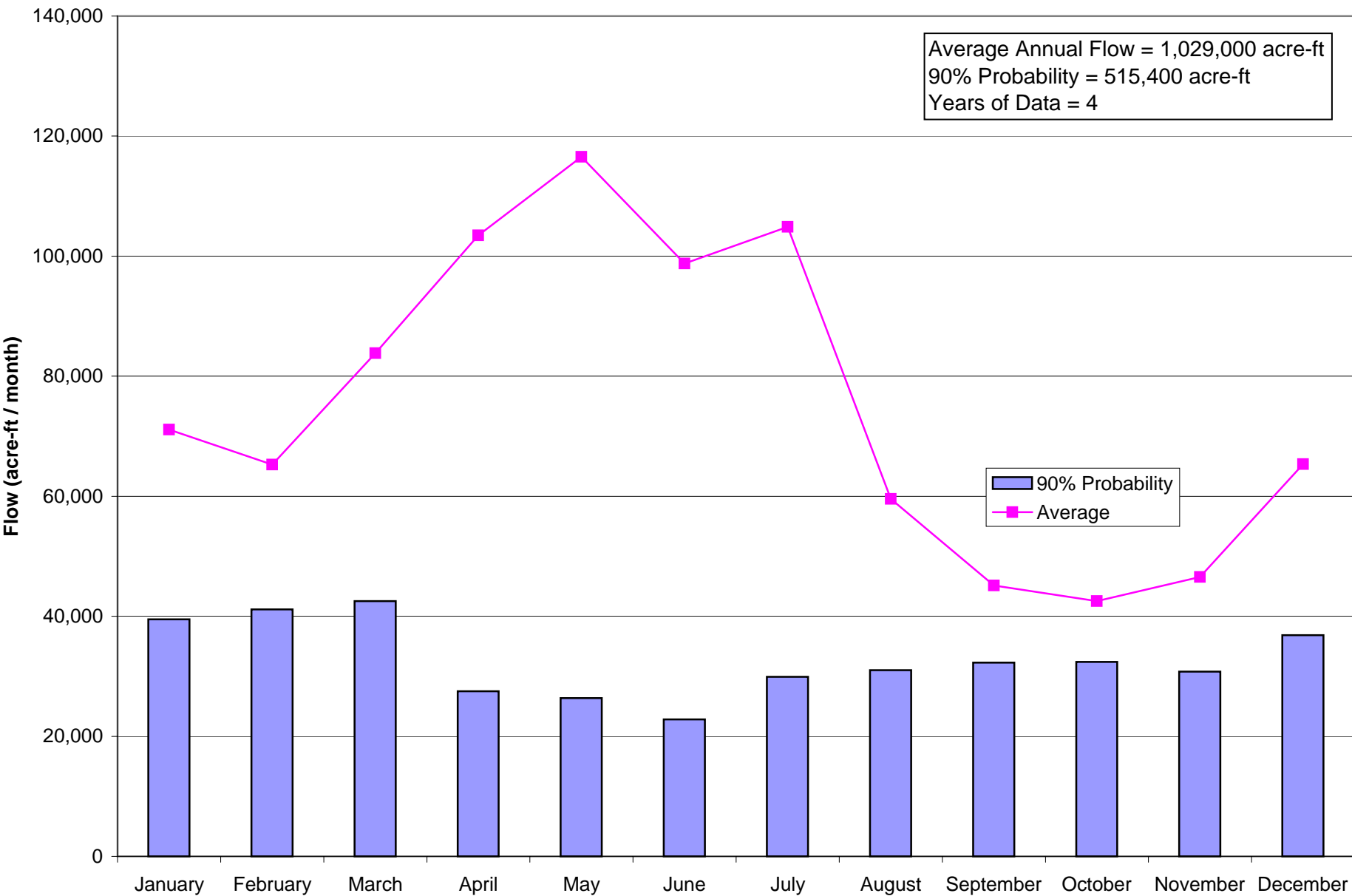
Year	January	February	March	April	May	June	July	August	September	October	November	December
1955	-	-	-	-	-	-	-	-	-	260	250	235
1956	247	258	857	1332	2831	2005	348	411	99.8	158	174	149
1957	237	643	853	2002	3629	8000	5506	3136	1178	1312	1239	763
1958	375	1110	1500	5001	7685	4617	605	515	621	409	295	196
1959	144	240	301	609	1364	1447	176	544	170	1028	638	356
1960	272	281	3691	4094	3178	3961	903	306	280	428	257	236
1961	208	288	692	1902	3027	1981	507	795	1142	859	587	320
1962	267	747	855	4240	3701	2725	474	349	233	312	226	150
1963	109	152	234	457	176	189	202	354	290	371	372	378
Average	232.4	464.9	1122.9	2454.6	3198.9	3115.6	1090.1	801.3	501.7	570.8	448.7	309.2
Max	375	1110	3691	5001	7685	8000	5506	3136	1178	1312	1239	763
Min	109	152	234	457	176	189	176	306	99.8	158	174	149

Monthly Flows (acre-feet)

USGS Station ID: 9357000
 USGS Station Name: SAN JUAN RIVER AT BLOOMFIELD, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1955	-	-	-	-	-	-	-	-	-	15,987	14,876	14,450	-
1956	15,187	14,840	52,695	79,260	174,071	119,306	21,398	25,271	5,939	9,715	10,354	9,162	537,200
1957	14,573	35,710	52,449	119,127	223,139	476,033	338,551	192,825	70,096	80,672	73,726	46,915	1,723,800
1958	23,058	61,646	92,231	297,580	472,532	274,731	37,200	31,666	36,952	25,148	17,554	12,052	1,382,400
1959	8,854	13,329	18,508	36,238	83,869	86,102	10,822	33,449	10,116	63,209	37,964	21,890	424,400
1960	16,725	16,163	226,951	243,610	195,408	235,696	55,523	18,815	16,661	26,317	15,293	14,511	1,081,700
1961	12,789	15,995	42,549	113,177	186,123	117,878	31,174	48,883	67,954	52,818	34,929	19,676	743,900
1962	16,417	41,486	52,572	252,298	227,566	162,149	29,145	21,459	13,864	19,184	13,448	9,223	858,800
1963	6,702	8,442	14,388	27,193	10,822	11,246	12,420	21,767	17,256	22,812	22,136	23,242	198,400
Average	14,288	25,951	69,043	146,060	196,691	185,393	67,029	49,267	29,855	35,096	26,698	19,013	868,800
90% Probablility	8,208	11,863	17,272	33,525	61,955	63,645	11,941	20,666	8,863	14,733	12,829	9,211	356,600

Average Monthly Flow
USGS Station: 9357100
San Juan River at Hammond Bridge near Bloomfield, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9357100

USGS Station Name: SAN JUAN RIVER AT HAMMOND BR NR BLOOMFIELD, NM

Watershed: UPPER SAN JUAN

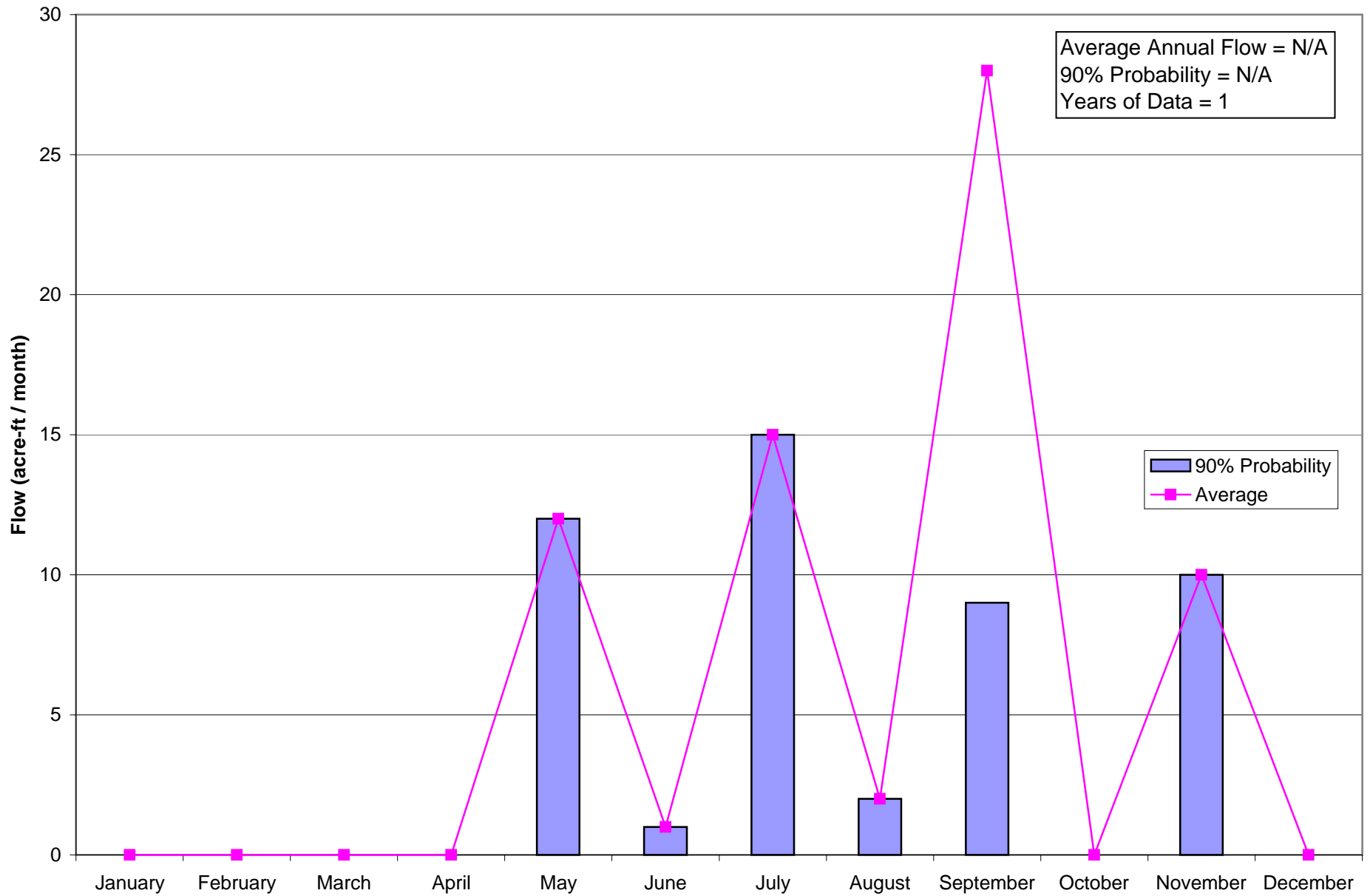
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	510	553	588
1978	609	609	667	552	535	364	381	423	520	566	666	625
1979	720	1048	1723	4518	4897	4824	4889	1723	594	687	502	1640
1980	1696	1870	2315	1462	1767	1024	733	1035	1069	1004	1407	1399
1981	1600	1107	749	424	383	428	820	694	852	-	-	-
Average	1156.3	1158.5	1363.5	1739	1895.5	1660	1705.8	968.8	758.8	691.8	782	1063
Max	1696	1870	2315	4518	4897	4824	4889	1723	1069	1004	1407	1640
Min	609	609	667	424	383	364	381	423	520	510	502	588

Monthly Flows (acre-feet)

USGS Station ID: 9357100
 USGS Station Name: SAN JUAN RIVER AT HAMMOND BR NR BLOOMFIELD, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	31,359	32,906	36,155	-
1978	37,446	33,822	41,012	32,846	32,896	21,660	23,427	26,009	30,942	34,802	39,630	38,430	393,000
1979	44,271	58,203	105,943	268,840	301,105	287,048	300,613	105,943	35,345	42,242	29,871	100,840	1,680,000
1980	104,283	107,564	142,344	86,995	108,649	60,932	45,070	63,640	63,610	61,734	83,722	86,021	1,015,000
1981	98,380	61,480	46,054	25,230	23,550	25,468	50,420	42,672	50,698	-	-	-	-
Average	71,095	65,267	83,838	103,478	116,550	98,777	104,883	59,566	45,149	42,534	46,532	65,362	1,029,000
90% Probablility	39,494	41,136	42,525	27,515	26,354	22,802	29,920	31,008	32,263	32,392	30,782	36,838	517,400

Average Monthly Flow
USGS Station: 9357245
Gallegos Canyon at NIIP near Carson Trading Post, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9357245

USGS Station Name: GALLEGOS CANYON AT NIIP NR CARSON TRADING POST, NM

Watershed: UPPER SAN JUAN

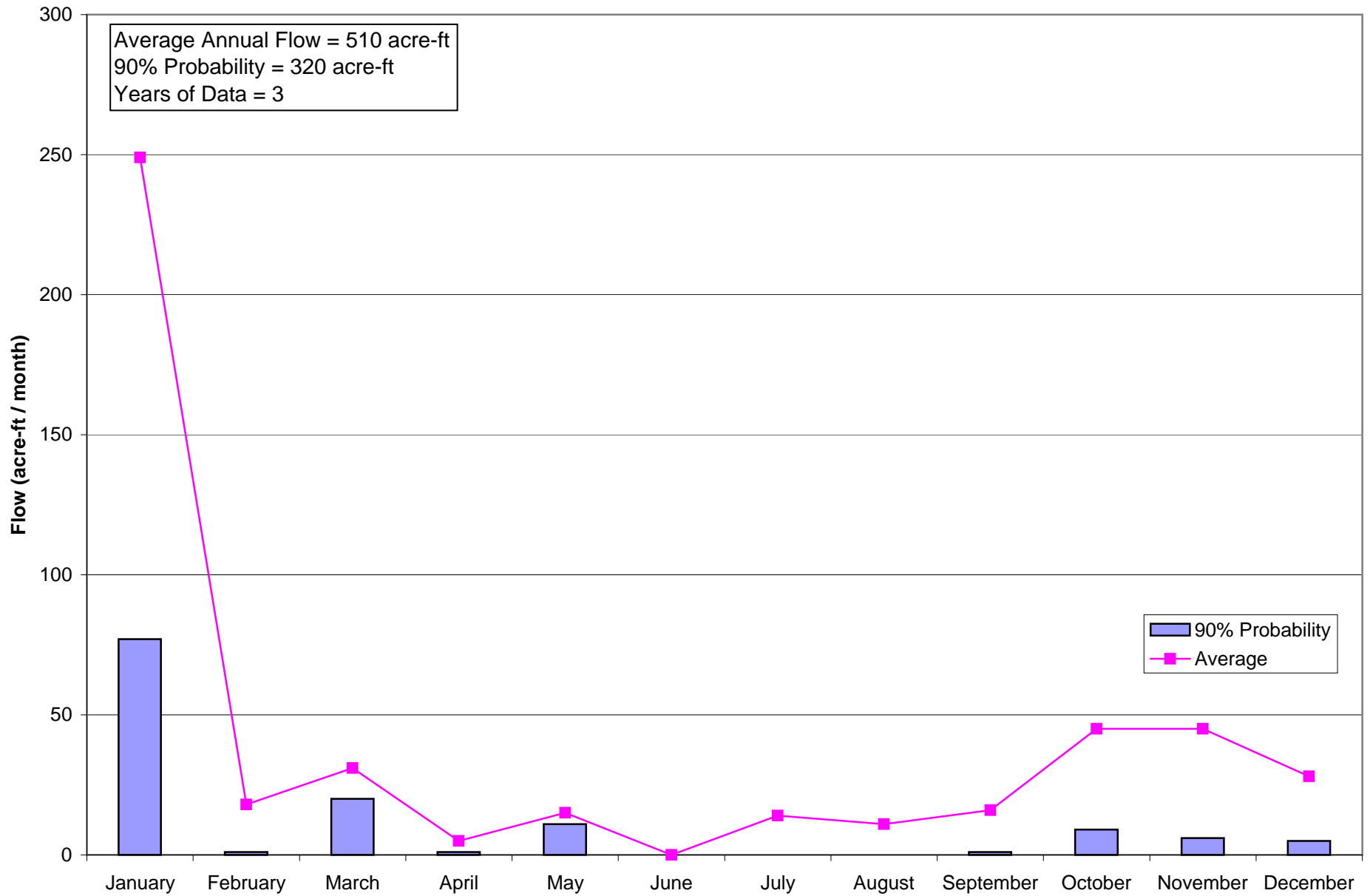
Year	January	February	March	April	May	June	July	August	September	October	November	December
1993	-	-	-	-	-	-	-	-	0.068	0.006	0.16	0
1994	0	0.003	0.002	0	0.19	0.018	0.25	0.025	0.88	-	-	-
Average	0	0	0	0	0.2	0	0.3	0	0.5	0	0.2	0
Max	0	0	0	0	0.2	0	0.3	0	0.9	0	0.2	0
Min	0	0	0	0	0.2	0	0.3	0	0.1	0	0.2	0

Monthly Flows (acre-feet)

USGS Station ID: 9357245
 USGS Station Name: GALLEGOS CANYON AT NIIP NR CARSON TRADING POST, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1993	-	-	-	-	-	-	-	-	4	0	10	0	-
1994	0	0	0	0	12	1	15	2	52	-	-	-	-
Average	0	0	0	0	12	1	15	2	28	0	10	0	#DIV/0!
90% Probablility	0	0	0	0	12	1	15	2	9	0	10	0	#NUM!

Average Monthly Flow
USGS Station: 9357250
Gallegos Canyon near Farmington, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9357250

USGS Station Name: GALLEGOS CANYON NR FARMINGTON, NM

Watershed: UPPER SAN JUAN

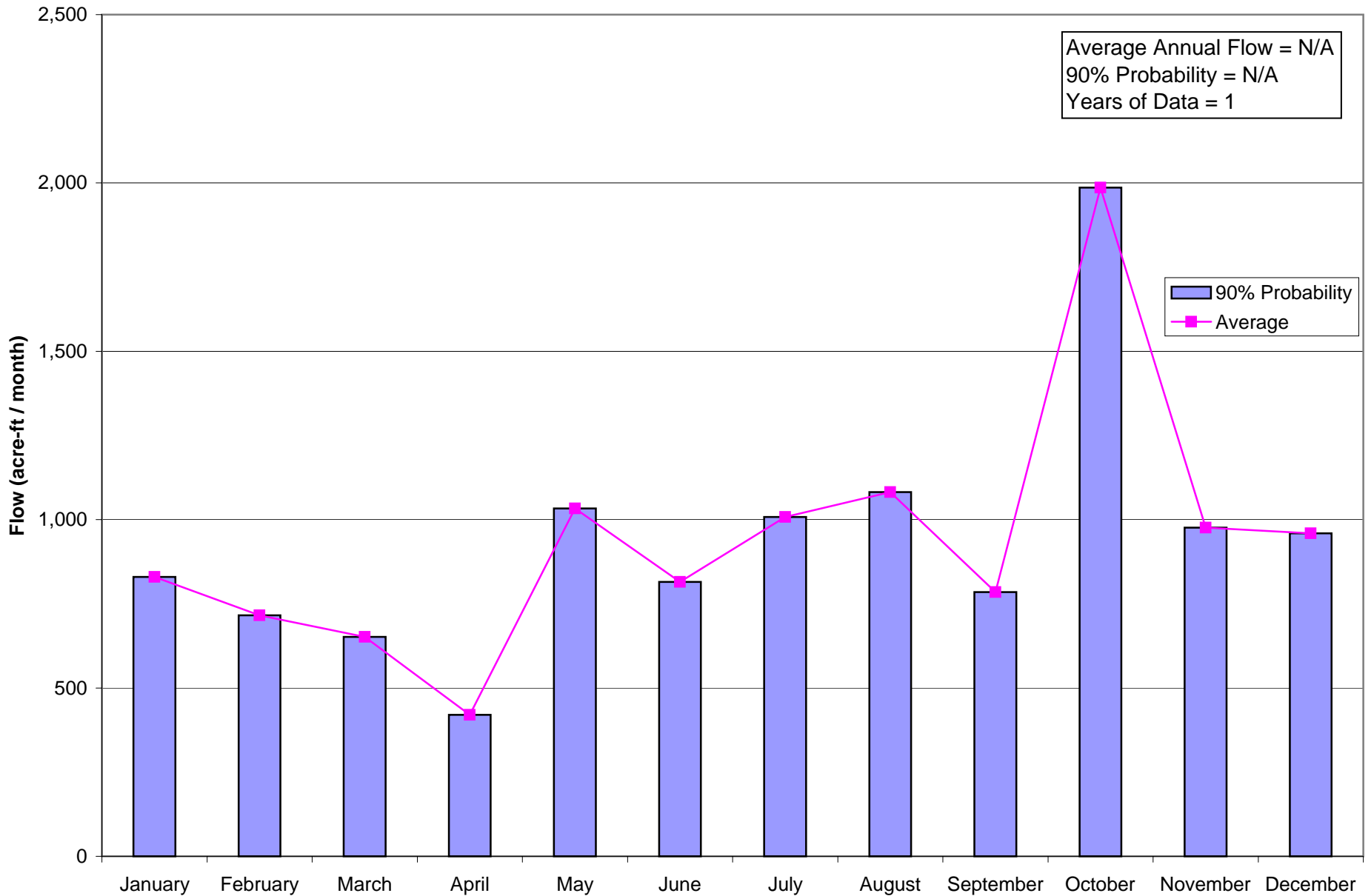
Year	January	February	March	April	May	June	July	August	September	October	November	December
1977	-	-	-	-	-	-	-	-	-	0.007	0.26	0.038
1978	0.45	0.88	0.28	0.025	0.31	0	0	0	0.051	1.03	0.53	0.91
1979	7.26	0	0.69	0.23	0.17	0.024	0	0.56	0	0.5	2.17	0.69
1980	4.43	0.092	0.55	0.009	0.28	0	0.68	0	0.76	1.42	0.039	0.19
1981	0.34	0.17	1.28	1.57	0.29	0.24	4.69	1.47	0.12	-	-	-
Average	3	0	1	0	0	0	1	1	0	1	1	0
Max	7	1	1	2	0	0	5	1	1	1	2	1
Min	0	0	0	0	0	0	0	0	0	0	0	0

Monthly Flows (acre-feet)

USGS Station ID: 9357250
 USGS Station Name: GALLEGOS CANYON NR FARMINGTON, NM
 Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1977	-	-	-	-	-	-	-	-	-	0	15	2	-
1978	28	49	17	1	19	0	0	0	3	63	32	56	270
1979	446	0	42	14	10	1	0	34	0	31	129	42	750
1980	272	5	34	1	17	0	42	0	45	87	2	12	520
Average	249	18	31	5	15	0	14	11	16	45	45	28	510
90% Probablility	77	1	20	1	11	0	0	0	1	9	6	5	320

Average Monthly Flow
USGS Station: 9357255
Gallegos Canyon at NIIP near Farmington, NM
Watershed: Upper San Juan



Average Monthly Flows (cfs)

USGS Station ID: 9357255

USGS Station Name: GALLEGOS CANYON AT NIIP NEAR FARMINGTON, NM

Watershed: UPPER SAN JUAN

Year	January	February	March	April	May	June	July	August	September	October	November	December
1993	-	-	-	-	-	-	-	-	-	32.3	16.4	15.6
1994	13.5	12.9	10.6	7.06	16.8	13.7	16.4	17.6	13.2	-	-	-
Average	13.5	12.9	10.6	7.1	16.8	13.7	16.4	17.6	13.2	32.3	16.4	15.6
Max	13.5	12.9	10.6	7.1	16.8	13.7	16.4	17.6	13.2	32.3	16.4	15.6
Min	13.5	12.9	10.6	7.1	16.8	13.7	16.4	17.6	13.2	32.3	16.4	15.6

Monthly Flows (acre-feet)

USGS Station ID: 9357255
 USGS Station Name: GALLEGOS CANYON AT NIIP NEAR FARMINGTON, NM
 Watershed: UPPER SAN JUAN

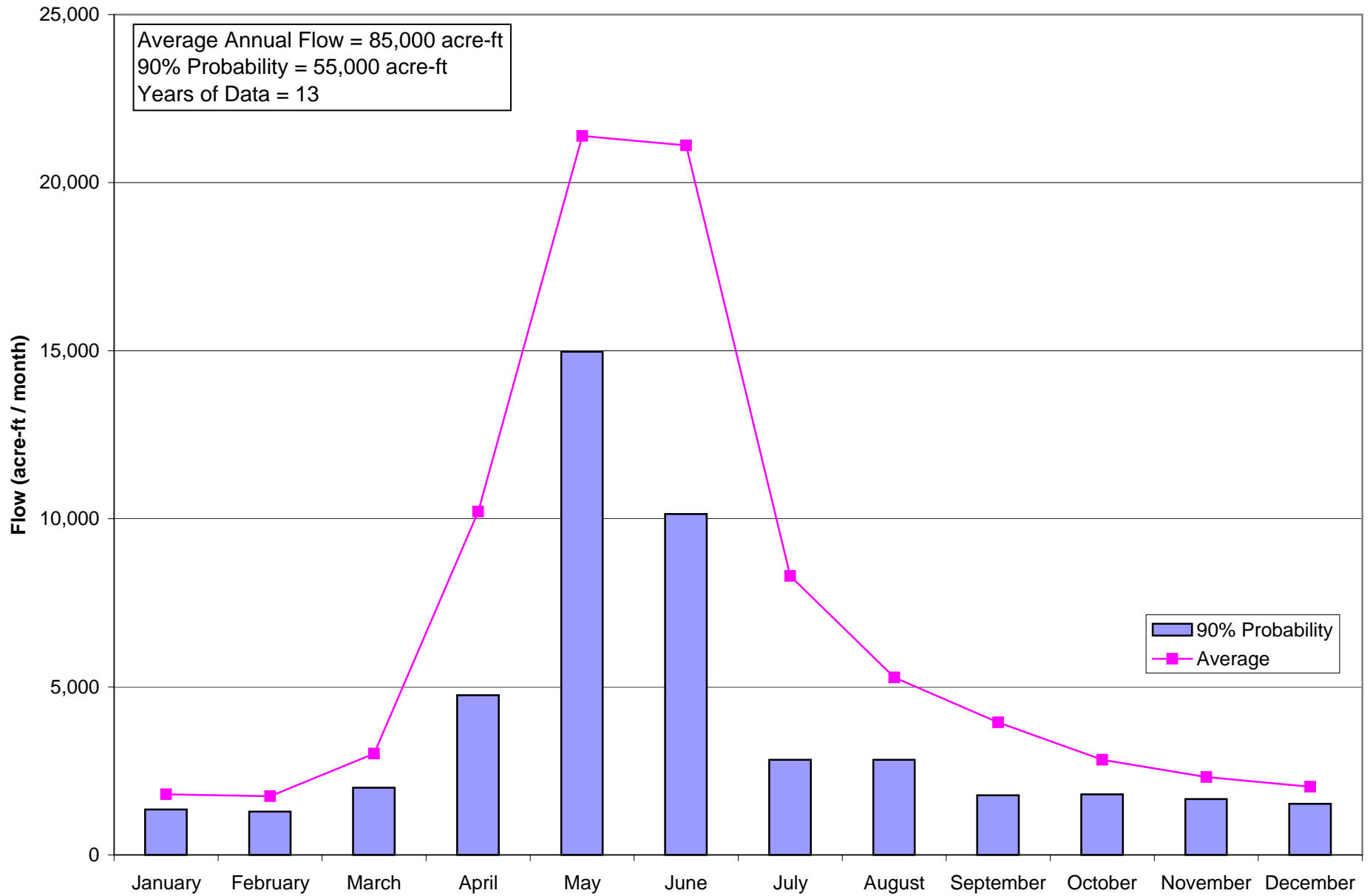
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1993	-	-	-	-	-	-	-	-	-	1,986	976	959	-
1994	830	716	652	420	1,033	815	1,008	1,082	785	-	-	-	-
Average	830	716	652	420	1,033	815	1,008	1,082	785	1,986	976	959	#DIV/0!
90% Probablility	830	716	652	420	1,033	815	1,008	1,082	785	1,986	976	959	#NUM!

Appendix C-7 USGS Gages in the Upper San Juan Watershed above Navajo Dam

The USGS Gages included in the Upper San Juan Watershed above Navajo Dam are:

USGS Station ID	Name	Watershed
9344300	Navajo River above Chromo, CO	San Juan above Navajo Dam
9344400	Navajo River below Oso Diversion Dam near Chromo, CO	San Juan above Navajo Dam
9345500	Little Navajo River at Chromo, CO	San Juan above Navajo Dam
9346000	Navajo River at Edith, CO.	San Juan above Navajo Dam
9346400	San Juan River near Carracas, CO	San Juan above Navajo Dam
9354500	Los Pinos River at La Boca, CO	San Juan above Navajo Dam
9355000	Spring Creek at La Boca, CO	San Juan above Navajo Dam

Average Monthly Flow
USGS Station: 9344300
Navajo River above Chromo, CO
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9344300
 USGS Station Name: NAVAJO RIVER ABOVE CHROMO, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

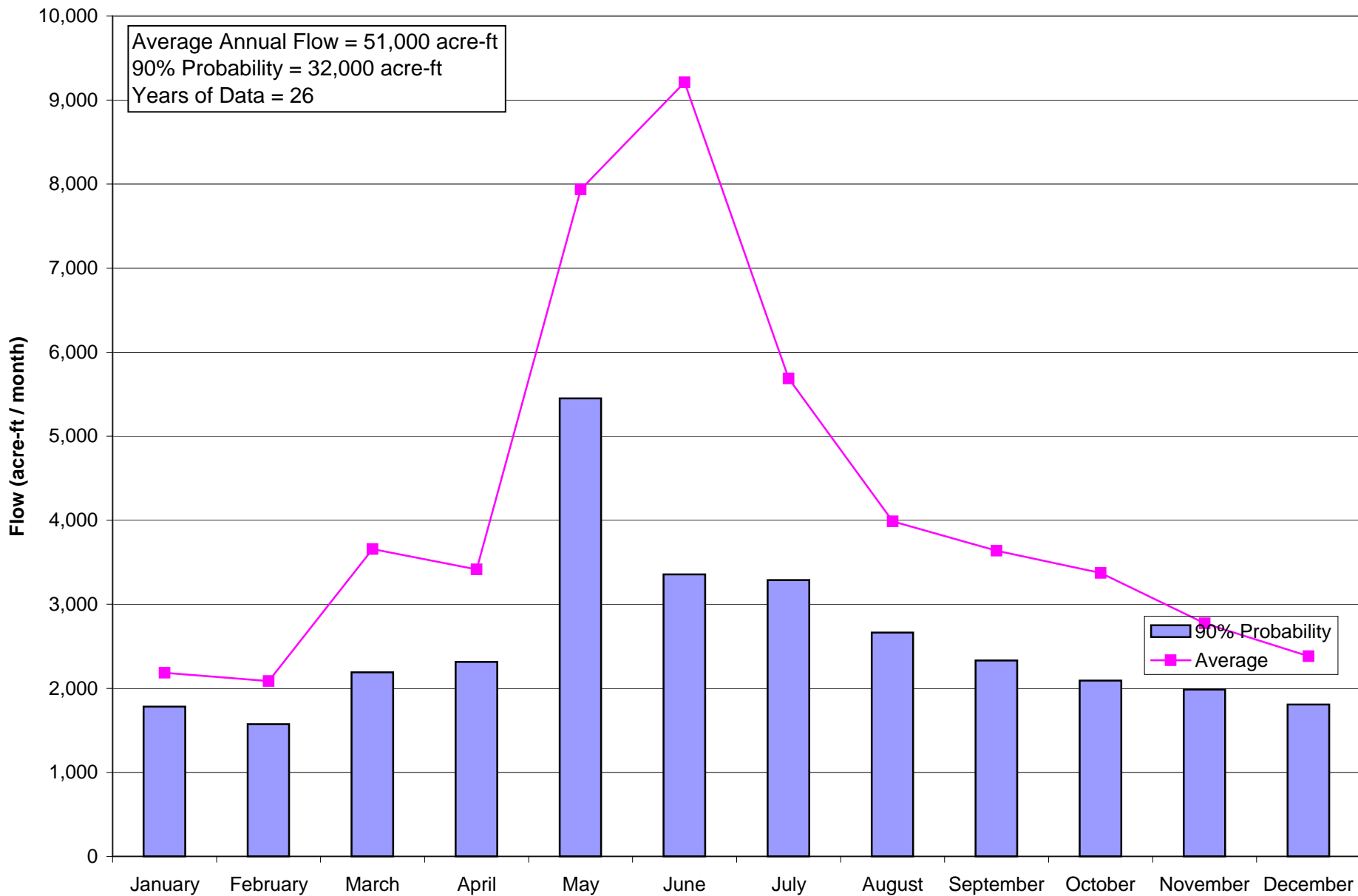
Year	January	February	March	April	May	June	July	August	September	October	November	December
1956	-	-	-	-	-	-	-	-	-	22.2	22.9	21.7
1957	23.8	26.3	34.5	130	275	862	509	201	80.5	59.4	60.3	49.7
1958	46.2	42.3	44.1	226	645	484	85.2	59.5	70.2	40.5	36.3	35.9
1959	28.9	27.2	37.3	84.2	201	202	42.6	55.7	28.8	67.2	52.2	25.9
1960	21.8	21.7	72.4	319	316	409	90.4	37.9	28.8	33.4	28.9	24.8
1961	21.9	24.1	38	168	342	224	67.2	73.7	74	54.1	45.2	34.4
1962	35	44.6	45.2	311	385	332	99.2	45.5	37.8	43.9	38.3	29.1
1963	24.8	35.2	70.1	154	298	113	42.6	49.9	41.4	29.1	29.4	24.6
1964	22	22	27	78	337	157	53.9	93.2	36.1	30.5	27.5	26.6
1965	27.2	28.3	31.8	206	401	601	303	88.8	94.3	73.1	47.7	45.9
1966	40.6	36.6	108	240	390	258	81.9	47.1	32.1	29.7	29.2	42.9
1967	29.9	34	63.4	99	230	270	106	116	77.3	42.1	31.9	29.5
1968	28.6	31.8	42.3	85.1	294	403	121	169	45.5	41.7	35.7	29.8
1969	28.1	28.9	34.1	229	429	368	174	97.6	92.2	77.8	58.8	41.5
1970	30.7	34	37	74.3	327	283	114	66.3	189	-	-	-
Average	29	31	49	172	348	355	135	86	66	46	39	33
Max	46	45	108	319	645	862	509	201	189	78	60	50
Min	22	22	27	74	201	113	43	38	29	22	23	22

Monthly Flows (acre-feet)

USGS Station ID: 9344300
 USGS Station Name: NAVAJO RIVER ABOVE CHROMO, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1956	-	-	-	-	-	-	-	-	-	1,365	1,363	1,334	-
1957	1,463	1,461	2,121	7,736	16,909	51,293	31,297	12,359	4,790	3,652	3,588	3,056	140,000
1958	2,841	2,349	2,712	13,448	39,660	28,800	5,239	3,659	4,177	2,490	2,160	2,207	110,000
1959	1,777	1,511	2,293	5,010	12,359	12,020	2,619	3,425	1,714	4,132	3,106	1,593	52,000
1960	1,340	1,248	4,452	18,982	19,430	24,337	5,558	2,330	1,714	2,054	1,720	1,525	85,000
1961	1,347	1,338	2,337	9,997	21,029	13,329	4,132	4,532	4,403	3,326	2,690	2,115	71,000
1962	2,152	2,477	2,779	18,506	23,673	19,755	6,100	2,798	2,249	2,699	2,279	1,789	87,000
1963	1,525	1,955	4,310	9,164	18,323	6,724	2,619	3,068	2,463	1,789	1,749	1,513	55,000
1964	1,353	1,265	1,660	4,641	20,721	9,342	3,314	5,731	2,148	1,875	1,636	1,636	55,000
1965	1,672	1,572	1,955	12,258	24,657	35,762	18,631	5,460	5,611	4,495	2,838	2,822	118,000
1966	2,496	2,033	6,641	14,281	23,980	15,352	5,036	2,896	1,910	1,826	1,738	2,638	81,000
1967	1,838	1,888	3,898	5,891	14,142	16,066	6,518	7,133	4,600	2,589	1,898	1,814	68,000
1968	1,759	1,829	2,601	5,064	18,077	23,980	7,440	10,391	2,707	2,564	2,124	1,832	80,000
1969	1,728	1,605	2,097	13,626	26,378	21,898	10,699	6,001	5,486	4,784	3,499	2,552	100,000
1970	1,888	1,888	2,275	4,421	20,106	16,840	7,010	4,077	11,246	-	-	-	-
Average	1,799	1,744	3,009	10,216	21,389	21,107	8,301	5,276	3,944	2,831	2,313	2,030	85,000
90% Probablility	1,349	1,287	1,998	4,752	14,972	10,145	2,828	2,827	1,773	1,800	1,661	1,517	55,000

Average Monthly Flow
USGS Station: 9344400
Navajo River below Oso Diversion Dam near Chromo, CO
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9344400

USGS Station Name: NAVAJO RIVER BL OSO DIVERSION DAM NR CHROMO, CO.

Watershed: SAN JUAN ABOVE NAVAJO DAM

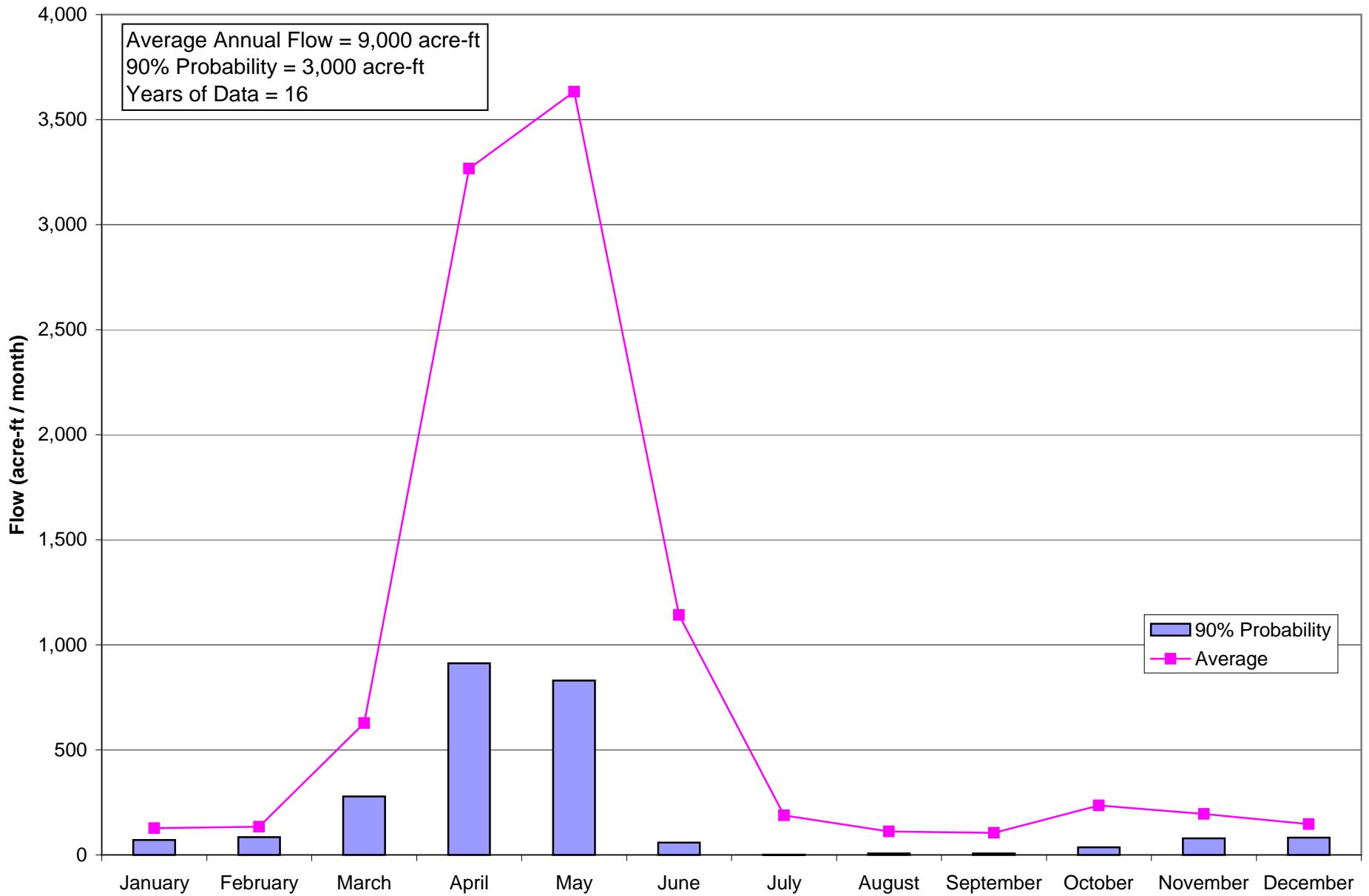
Year	January	February	March	April	May	June	July	August	September	October	November	December
1971	-	-	58.9	52.8	89.1	56.2	55	53.8	48.1	42.2	37.7	38.9
1972	35.9	35	39.1	38.9	90.2	56.1	40.2	28.1	40.3	53.2	37.1	38.9
1973	38	34.2	38.3	37.5	252	259	75.9	58.1	54.6	38.5	37.5	39
1974	33.7	37	38.7	39	108	61.3	60	47.1	32.1	36.5	37.9	30
1975	30.4	30.6	35.7	42.8	108	131	62	58.6	61.8	38.3	34.8	30.1
1976	28.6	33.8	52.5	39.7	93.6	60.1	59	46.8	49.6	39.1	31.3	21.3
1977	29.3	28.1	32	40.2	88.5	44.7	42	51.5	48.5	33.9	29.6	28.5
1978	26.7	26.1	37.1	38.7	93.5	65.9	56.4	39.8	28.4	32.7	38.4	35.7
1979	37.2	35.8	38.7	40.5	139	168	79	57.3	40.4	38.5	38.6	34.7
1980	33.7	34.6	35.9	41	98.8	174	59.1	60.7	52.9	26.3	38.9	38.5
1981	32	28.5	33.2	40.5	92.2	57.7	54.9	44.8	50.5	95.9	44.3	33.3
1982	29.2	32.1	50.5	50.9	119	61.2	159	124	146	43.1	61.7	53.7
1983	46.7	46.6	67.2	47.1	131	168	71.2	58.4	53.6	77.7	42.4	42.2
1984	42.1	46.6	72.4	47.7	271	108	86.8	72.8	60.3	93.7	74	54.2
1985	51.3	44.7	103	77.1	266	720	219	102	88.3	111	60.5	48.3
1986	48.3	52.7	107	117	197	262	194	71	115	161	132	71.9
1987	51.1	46.9	68.8	99.9	215	117	96.1	63	42.9	41.7	57.4	39.5
1988	33.7	37.6	58.7	81.3	87.8	56.5	56.3	56.1	55.6	38.5	34.7	33.8
1989	32.4	36.9	135	58.4	90.2	57.2	56.5	50.2	36.5	43.1	27.4	21.8
1990	19.8	24.4	35.4	38.8	88.7	69.5	56.3	54.2	55.9	41.1	50.6	37.9
1991	32.3	41.6	55.1	40.8	89.9	65.9	59.4	96.2	76.5	38.5	46.5	47
1992	32.3	34.3	43.3	41.6	124	268	80.3	84.4	54	37.5	41.6	35.6
1993	33.9	36	91.9	183	188	238	168	110	77.5	56.9	40	36.8
1994	32.6	30.9	84	60.4	110	354	67	50.6	62.7	50.8	50.7	44.5
1995	39.4	52.1	129	87.8	108	432	406	121	77.7	48.9	41.1	33.4
1996	31.2	41	41.6	39.5	86.9	57.9	50.2	33.5	40.3	34.1	36.9	31.7
1997	36.4	38	39.5	40.9	96.7	103	61.9	62	113	88.2	55.3	44.6
1998	41.6	38	43.3	43	91.4	62.3	57.8	59.6	47.8	-	-	-
Average	36	37	59	57	129	155	92	65	61	55	47	39
Max	51	53	135	183	271	720	406	124	146	161	132	72
Min	20	24	32	38	87	45	40	28	28	26	27	21

Monthly Flows (acre-feet)

USGS Station ID: 9344400
 USGS Station Name: NAVAJO RIVER BL OSO DIVERSION DAM NR CHROMO, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1971	-	-	3,622	3,142	5,479	3,344	3,382	3,308	2,862	2,595	2,243	2,392	-
1972	2,207	2,013	2,404	2,315	5,546	3,338	2,472	1,728	2,398	3,271	2,208	2,392	32,000
1973	2,337	1,899	2,355	2,231	15,495	15,412	4,667	3,572	3,249	2,367	2,231	2,398	58,000
1974	2,072	2,055	2,380	2,321	6,641	3,648	3,689	2,896	1,910	2,244	2,255	1,845	34,000
1975	1,869	1,699	2,195	2,547	6,641	7,795	3,812	3,603	3,677	2,355	2,071	1,851	40,000
1976	1,759	1,944	3,228	2,362	5,755	3,576	3,628	2,878	2,951	2,404	1,862	1,310	34,000
1977	1,802	1,561	1,968	2,392	5,442	2,660	2,582	3,167	2,886	2,084	1,761	1,752	30,000
1978	1,642	1,450	2,281	2,303	5,749	3,921	3,468	2,447	1,690	2,011	2,285	2,195	31,000
1979	2,287	1,988	2,380	2,410	8,547	9,997	4,858	3,523	2,404	2,367	2,297	2,134	45,000
1980	2,072	1,990	2,207	2,440	6,075	10,354	3,634	3,732	3,148	1,617	2,315	2,367	42,000
1981	1,968	1,583	2,041	2,410	5,669	3,433	3,376	2,755	3,005	5,897	2,636	2,048	37,000
1982	1,795	1,783	3,105	3,029	7,317	3,642	9,777	7,624	8,688	2,650	3,671	3,302	56,000
1983	2,871	2,588	4,132	2,803	8,055	9,997	4,378	3,591	3,189	4,778	5,523	2,595	52,000
1984	2,589	2,680	4,452	2,838	16,663	6,426	5,337	4,476	3,588	5,761	4,403	3,333	63,000
1985	3,154	2,483	6,333	4,588	16,356	42,843	13,466	6,272	5,254	6,825	3,600	2,970	114,000
1986	2,970	2,927	6,579	6,962	12,113	15,590	11,929	4,366	6,843	9,900	7,855	4,421	92,000
1987	3,142	2,605	4,230	5,944	13,220	6,962	5,909	3,874	2,553	2,564	3,416	2,429	57,000
1988	2,072	2,163	3,609	4,838	5,399	3,362	3,462	3,449	3,308	2,367	2,065	2,078	38,000
1989	1,992	2,049	8,301	3,475	5,546	3,404	3,474	3,087	2,172	2,650	1,630	1,340	39,000
1990	1,217	1,355	2,177	2,309	5,454	4,136	3,462	3,333	3,326	2,527	3,011	2,330	35,000
1991	1,986	2,310	3,388	2,428	5,528	3,921	3,652	5,915	4,552	2,367	2,767	2,890	42,000
1992	1,986	1,973	2,662	2,475	7,624	15,947	4,937	5,190	3,213	2,306	2,475	2,189	53,000
1993	2,084	1,999	5,651	10,889	11,560	14,162	10,330	6,764	4,612	3,499	2,380	2,263	76,000
1994	2,004	1,716	5,165	3,594	6,764	21,064	4,120	3,111	3,731	3,124	3,017	2,736	60,000
1995	2,423	2,893	7,932	5,224	6,641	25,706	24,964	7,440	4,623	3,007	2,446	2,054	95,000
1996	1,918	2,358	2,558	2,350	5,343	3,445	3,087	2,060	2,398	2,097	2,196	1,949	32,000
1997	2,238	2,110	2,429	2,434	5,946	6,129	3,806	3,812	6,724	5,423	3,291	2,742	47,000
1998	2,558	2,110	2,662	2,559	5,620	3,707	3,554	3,665	2,844	-	-	-	-
Average	2,186	2,085	3,658	3,415	7,935	9,211	5,686	3,987	3,636	3,372	2,774	2,382	51,000
90% Probablility	1,781	1,574	2,190	2,313	5,450	3,357	3,289	2,663	2,330	2,092	1,984	1,808	32,000

Average Monthly Flow
USGS Station: 9345500
Little Navajo River at Chromo, CO
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9345500

USGS Station Name: LITTLE NAVAJO RIVER AT CHROMO, CO.

Watershed: SAN JUAN ABOVE NAVAJO DAM

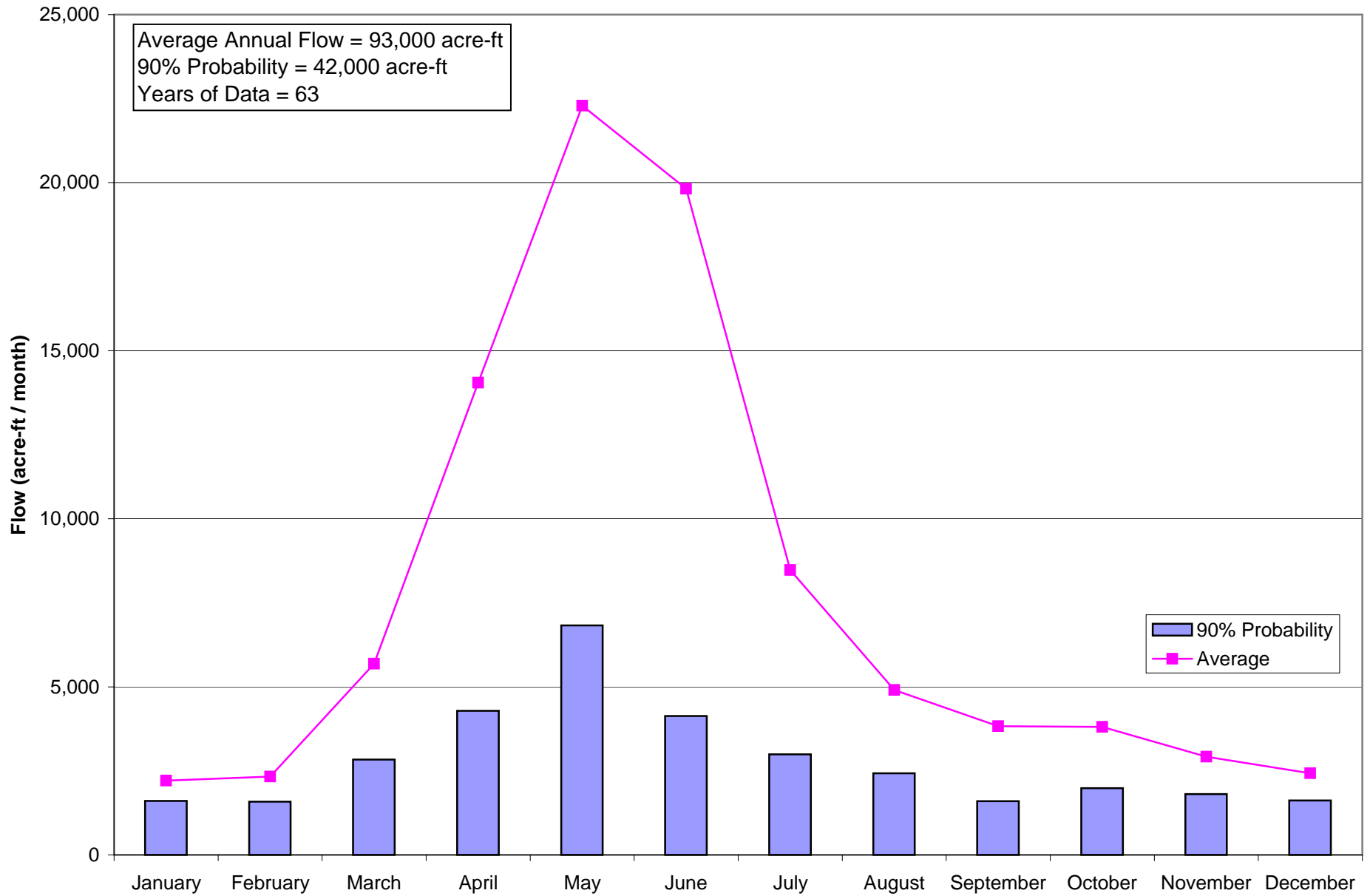
Year	January	February	March	April	May	June	July	August	September	October	November	December
1935	-	-	-	-	-	68.8	5.69	4.42	5.42	4.17	2.01	2.15
1936	2.03	2.5	19.5	88.3	34.9	1.95	0.21	2.82	2.69	5.28	7.97	3.9
1937	2.48	2.82	7.92	112	93.9	14.6	2.71	1.25	0.61	1.73	1.98	1.72
1938	1.95	2.42	16.4	70.3	74.1	27.3	6.59	1.24	5.3	2.91	3.57	2.28
1939	2.24	1.7	21.2	47.9	27.4	2.79	0.15	0.18	1.82	1.74	1.98	1.42
1940	1.42	1.33	10.3	25.6	21	1.22	0.1	0.1	0.13	1.72	2.44	2.9
1941	3.15	3.55	15	66.5	213	78.4	21	5.11	6.74	33.8	15.4	8
1942	4.5	5	19.9	136	89.7	26	2.87	1.84	1.6	2.16	2.82	3.05
1943	3.2	3.2	12.1	48.6	24	2.63	0.17	0.58	0.72	1.85	2.3	1.92
1944	1.67	1.54	5.98	29.4	63.2	17.2	3.07	0.2	0.26	0.95	1.29	1.52
1945	1.75	2.59	5.8	56.4	77.1	11.5	1.47	1.46	0.92	1.52	2.64	1.79
1946	2.12	2	3.77	19	3.16	0	0	0.3	0.7	0.87	2.24	2.51
1947	1.8	2.3	6.43	8.6	24.4	1.12	0	9.54	3.45	3.41	2.2	1.72
1948	1.78	2	4.51	54.1	59.5	16.7	0.98	0.36	0.19	0.85	1.76	1.04
1949	0.95	1.5	4.53	50.7	69.7	27.8	6.54	1.62	0.33	1.78	2.55	1.87
1950	1.71	2.96	7.44	31.8	5.54	1.5	0.6	0.12	0.04	0.11	1.35	1.34
1951	1.09	1.54	5.17	9.8	18.8	0.66	0.019	0.11	0.1	0.21	1.07	1.31
1952	1.2	1.81	7.37	78.4	105	45.3	2.82	1.58	0.78	-	-	-
Average	2	2	10	55	59	19	3	2	2	4	3	2
Max	5	5	21	136	213	78	21	10	7	34	15	8
Min	1	1	4	9	3	0	0	0	0	0	1	1

Monthly Flows (acre-feet)

USGS Station ID: 9345500
 USGS Station Name: LITTLE NAVAJO RIVER AT CHROMO, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1935	-	-	-	-	-	4,094	350	272	323	256	120	132	-
1936	125	144	1,199	5,254	2,146	116	13	173	160	325	474	240	10,000
1937	152	157	487	6,664	5,774	869	167	77	36	106	118	106	15,000
1938	120	134	1,008	4,183	4,556	1,624	405	76	315	179	212	140	13,000
1939	138	94	1,304	2,850	1,685	166	9	11	108	107	118	87	7,000
1940	87	77	633	1,523	1,291	73	6	6	8	106	145	178	4,000
1941	194	197	922	3,957	13,097	4,665	1,291	314	401	2,078	916	492	29,000
1942	277	278	1,224	8,093	5,515	1,547	176	113	95	133	168	188	18,000
1943	197	178	744	2,892	1,476	156	10	36	43	114	137	118	6,000
1944	103	89	368	1,749	3,886	1,023	189	12	15	58	77	93	8,000
1945	108	144	357	3,356	4,741	684	90	90	55	93	157	110	10,000
1946	130	111	232	1,131	194	0	0	18	42	53	133	154	2,000
1947	111	128	395	512	1,500	67	0	587	205	210	131	106	4,000
1948	109	115	277	3,219	3,659	994	60	22	11	52	105	64	9,000
1949	58	83	279	3,017	4,286	1,654	402	100	20	109	152	115	10,000
1950	105	164	457	1,892	341	89	37	7	2	7	80	82	3,000
1951	67	86	318	583	1,156	39	1	7	6	13	64	81	2,000
1952	74	104	453	4,665	6,456	2,696	173	97	46	-	-	-	-
Average	127	134	627	3,267	3,633	1,142	188	112	105	235	195	146	9,000
90% Probablility	71	85	278	912	830	59	1	7	7	36	79	82	3,000

Average Monthly Flow
USGS Station: 9346000
Navajo River at Edith, CO
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1912	-	-	-	-	-	-	-	-	-	52.3	48.9	42.7
1913	35	30	60	271	328	251	86.5	45.9	41.3	-	-	-
1914	-	-	-	-	-	-	-	-	-	142	62.1	40.5
1915	35.3	48.2	111	424	564	645	337	101	51.5	43	40.4	39
1916	41.1	66.3	346	541	590	561	328	208	77.9	196	56.1	52.1
1917	61.8	51	70	345	523	916	500	82	56.5	45.9	34.3	30
1918	31	39	121	157	305	366	137	71.1	54.6	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	44	55	42.4
1921	45	45	130	163	524	782	248	233	89.3	57.7	43.8	43.1
1922	38.7	55.3	117	447	919	600	153	56.6	35.1	31.4	34.4	32
1923	40	55	75	238	540	492	183	129	106	-	-	-
1924	-	-	-	-	-	-	-	-	-	31	31	28
1925	18.4	47.8	128	327	375	297	139	85.7	79.1	-	-	-
1926	-	-	-	-	-	-	-	-	-	45.7	36	35
1927	38	51	103	427	658	410	256	105	283	106	95.8	63.5
1928	56	65	110	158	446	227	87.3	61.6	26.5	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	73.9	44	33.3
1936	34.5	39	154	548	513	182	71.9	115	98.2	79.8	83	49.4
1937	51.3	59.3	117	781	874	454	162	59.8	40.4	55.1	36.9	30.5
1938	34.4	38.1	111	489	576	657	169	62.1	103	73.5	41.7	39.5
1939	36.6	35.1	136	315	408	193	43.4	35.5	68.5	34.4	30.3	23.5
1940	26.1	33.4	98.6	210	372	189	49.8	49.2	47.6	65	43.9	43.6
1941	36.6	43	83.1	355	1195	925	532	152	130	310	141	104

Average Monthly Flows (cfs)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1942	60.8	48.6	92.4	866	668	603	157	70.1	50.3	46.7	48.4	41.8
1943	35	35	75.8	381	337	311	113	58.3	30.4	40.3	34.2	26.3
1944	24.9	27.2	46.1	202	547	659	209	62.7	39.3	48.4	40	41.4
1945	35.9	42.1	49.5	265	711	478	150	74	33.9	46.1	39.1	26.5
1946	27.7	34.3	56.4	167	172	182	48.6	54.2	47.6	57.9	54.2	40.4
1947	31.7	44.4	61.8	116	363	255	84.1	97.8	74.4	68.2	46.7	37.3
1948	36.6	38.2	54.1	303	437	479	129	53.6	26.1	35.5	39	31.9
1949	31.7	29.7	57.5	312	485	606	257	85.4	48.2	40.7	39.7	28
1950	32.6	55	65.2	226	263	210	69.6	30.1	36.6	33.5	27.8	26.4
1951	23.7	24.6	41.1	85.5	272	219	40.4	44.6	24.5	26.4	30.1	29.5
1952	29.9	34.3	47.7	447	697	860	246	103	40.2	34.8	28.6	35.6
1953	35.3	38.8	66.9	149	228	329	83.9	36	15.7	29.4	32.5	26.4
1954	27.6	43	51.5	206	301	155	70	55.9	35.9	31.4	25.9	24.9
1955	28.1	28.4	35.7	99.1	244	259	64.1	66.3	25.7	25.8	26.1	33.2
1956	26.5	24.2	102	170	308	234	42.2	37.3	18.6	22.3	24.7	24.3
1957	29.7	34.3	75.1	232	455	949	534	224	82	70.6	79.6	54.7
1958	51	53.1	86.1	420	779	527	90.9	67.2	75.1	46.4	39.3	43.7
1959	44.9	45.1	47.5	97.7	198	167	43.2	62.8	28.1	80.3	61.7	36.1
1960	30.3	30.3	171	427	352	426	94.5	35.7	26.9	36.3	31.1	28.9
1961	26.5	29.5	60.2	205	375	253	71.4	68.1	77.2	59.2	50.6	37.8
1962	40.3	51.8	60.3	421	435	344	109	39.5	41.1	51.8	44.8	37.6
1963	34.6	53	108	192	288	121	43	56.7	48.3	33	31.9	26.9
1964	24	23.6	36.8	110	363	162	56.8	113	37.1	32.7	34.4	30.7
1965	31.2	32.7	46.8	350	513	644	324	96	98.5	88.2	60.9	54.8
1966	46.5	42.6	170	296	421	270	86.4	51.5	33.3	32.2	33.3	58.4
1967	38.5	46.1	86.1	114	242	294	110	118	82.4	43.3	36.3	33.2
1968	30.6	34.3	52.9	112	318	418	128	187	42.4	41.9	39.4	33.7
1969	33.7	36.6	51.2	361	488	381	179	98.1	100	94	68.1	53
1970	39.1	42.3	47.9	96.3	358	289	115	66	199	67.8	52.3	41.5
1971	37.9	41.7	72.3	71.1	97.5	53.7	51.8	58.2	51.5	51.3	46.3	43.2

Average Monthly Flows (cfs)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1972	41	41.7	51.6	45.6	82	55.7	37.5	26.4	39	71.5	51.9	39.6
1973	38.8	43.7	64.4	156	419	304	93.7	60.9	55.6	40.9	40.6	36.3
1974	35	35.2	67.1	58.3	111	63.2	58.7	46.2	27.1	37.8	42.3	30.9
1975	28.1	29.9	45.4	169	161	138	76.4	53.7	54.1	37.2	36.2	37.5
1976	32.2	40.2	71.5	60.4	96.9	63.7	59.2	46.5	49.8	40.5	29.8	18.1
1977	17.8	21.6	31.1	38.3	78.9	42.7	42.2	56.6	53.7	41.5	31.3	21.3
1978	19.6	22.5	61.2	80.5	120	73.2	54.8	35.4	26.9	33.4	39.8	24.5
1979	29.5	31.1	54.6	171	219	212	80.8	56	40.3	36.5	33	30.3
1980	30.1	36.9	46.1	182	177	214	68	73.1	79.6	45.4	45.8	42.8
1981	35.4	32.5	38.8	48.5	106	64	58.5	44.7	58.8	116	56.9	38.4
1982	30.8	33.4	82.3	152	175	81.6	169	139	165	49.5	65.7	52.4
1983	33.8	47.4	101	157	219	202	80.2	58.7	58.2	90	49.7	46.4
1984	46.5	50	134	128	317	114	92.5	86.7	68.8	112	84	67.6
1985	59.5	52.8	214	225	334	648	202	111	98.7	121	70.7	61.6
1986	56.4	71.5	178	248	258	290	222	86	140	204	179	81.7
1987	53.9	63.1	128	202	259	139	101	65.5	47	45.1	65.6	46.7
1988	40.2	45.4	88.5	127	116	72.8	63	70.2	68.4	48.7	48.9	38.1
1989	34.5	42.9	205	108	103	62.4	62.3	56.1	43.6	52	33.4	20.4
1990	20.1	22.4	47.3	58.9	104	69.4	70.4	62.9	58.7	57	60.7	36.6
1991	35	46	91.1	130	115	80.8	60.6	101	71.9	42.1	53.2	45.7
1992	34.5	35	90.5	111	164	261	82.2	98.8	54.4	43	44.5	34
1993	34.8	50.5	182	319	241	245	168	125	88.1	65.7	51.4	43.3
1994	35	32.1	147	119	155	347	75.5	54	68.1	60.2	57.9	44.4
1995	41.5	76.4	243	154	180	520	426	124	90.9	62.9	52.7	41.3
1996	36.9	48.1	52.8	50.2	-	-	-	-	-	-	-	-
Average	36	42	93	236	362	333	138	80	64	62	49	39
Max	62	76	346	866	1195	949	534	233	283	310	179	104
Min	18	22	31	38	79	43	38	26	16	22	25	18

Monthly Flows (acre-feet)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1912	-	-	-	-	-	-	-	-	-	3,216	2,910	2,626	-
1913	2,152	1,666	3,689	16,126	20,168	14,936	5,319	2,822	2,458	-	-	-	-
1914	-	-	-	-	-	-	-	-	-	8,731	3,695	2,490	-
1915	2,171	2,677	6,825	25,230	34,679	38,380	20,721	6,210	3,064	2,644	2,404	2,398	147,400
1916	2,527	3,814	21,275	32,192	36,278	33,382	20,168	12,789	4,635	12,052	3,338	3,204	185,700
1917	3,800	2,832	4,304	20,529	32,158	54,506	30,744	5,042	3,362	2,822	2,041	1,845	164,000
1918	1,906	2,166	7,440	9,342	18,754	21,779	8,424	4,372	3,249	-	-	-	-
1919	-	-	-	-	-	-	-	-	-	-	-	-	-
1920	-	-	-	-	-	-	-	-	-	2,705	3,273	2,607	-
1921	2,767	2,499	7,993	9,699	32,220	46,532	15,249	14,327	5,314	3,548	2,606	2,650	145,400
1922	2,380	3,071	7,194	26,598	56,507	35,702	9,408	3,480	2,089	1,931	2,047	1,968	152,400
1923	2,460	3,055	4,612	14,162	33,203	29,276	11,252	7,932	6,307	-	-	-	-
1924	-	-	-	-	-	-	-	-	-	1,906	1,845	1,722	-
1925	1,131	2,655	7,870	19,458	23,058	17,673	8,547	5,269	4,707	-	-	-	-
1926	-	-	-	-	-	-	-	-	-	2,810	2,142	2,152	-
1927	2,337	2,832	6,333	25,408	40,459	24,397	15,741	6,456	16,840	6,518	5,700	3,904	156,900
1928	3,443	3,739	6,764	9,402	27,423	13,507	5,368	3,788	1,577	-	-	-	-
1929	-	-	-	-	-	-	-	-	-	-	-	-	-
1930	-	-	-	-	-	-	-	-	-	-	-	-	-
1931	-	-	-	-	-	-	-	-	-	-	-	-	-
1932	-	-	-	-	-	-	-	-	-	-	-	-	-
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	-	-	-	-	-	-	-	-	-	-
1935	-	-	-	-	-	-	-	-	-	4,544	2,618	2,048	-
1936	2,121	2,243	9,469	32,608	31,543	10,830	4,421	7,071	5,843	4,907	4,939	3,037	119,000
1937	3,154	3,293	7,194	46,473	53,740	27,015	9,961	3,677	2,404	3,388	2,196	1,875	164,400
1938	2,115	2,116	6,825	29,098	35,417	39,094	10,391	3,818	6,129	4,519	2,481	2,429	144,400
1939	2,250	1,949	8,362	18,744	25,087	11,484	2,669	2,183	4,076	2,115	1,803	1,445	82,200
1940	1,605	1,921	6,063	12,496	22,873	11,246	3,062	3,025	2,832	3,997	2,612	2,681	74,400
1941	2,250	2,388	5,110	21,124	73,478	55,041	32,711	9,346	7,736	19,061	8,390	6,395	243,000
1942	3,738	2,699	5,681	51,531	41,074	35,881	9,654	4,310	2,993	2,871	2,880	2,570	165,900
1943	2,152	1,944	4,661	22,671	20,721	18,506	6,948	3,585	1,809	2,478	2,035	1,617	89,100
1944	1,531	1,565	2,835	12,020	33,634	39,213	12,851	3,855	2,339	2,976	2,380	2,546	117,700
1945	2,207	2,338	3,044	15,769	43,718	28,443	9,223	4,550	2,017	2,835	2,327	1,629	118,100
1946	1,703	1,905	3,468	9,937	10,576	10,830	2,988	3,333	2,832	3,560	3,225	2,484	56,800
1947	1,949	2,466	3,800	6,902	22,320	15,174	5,171	6,013	4,427	4,193	2,779	2,293	77,500
1948	2,250	2,197	3,326	18,030	26,870	28,502	7,932	3,296	1,553	2,183	2,321	1,961	100,400

Monthly Flows (acre-feet)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

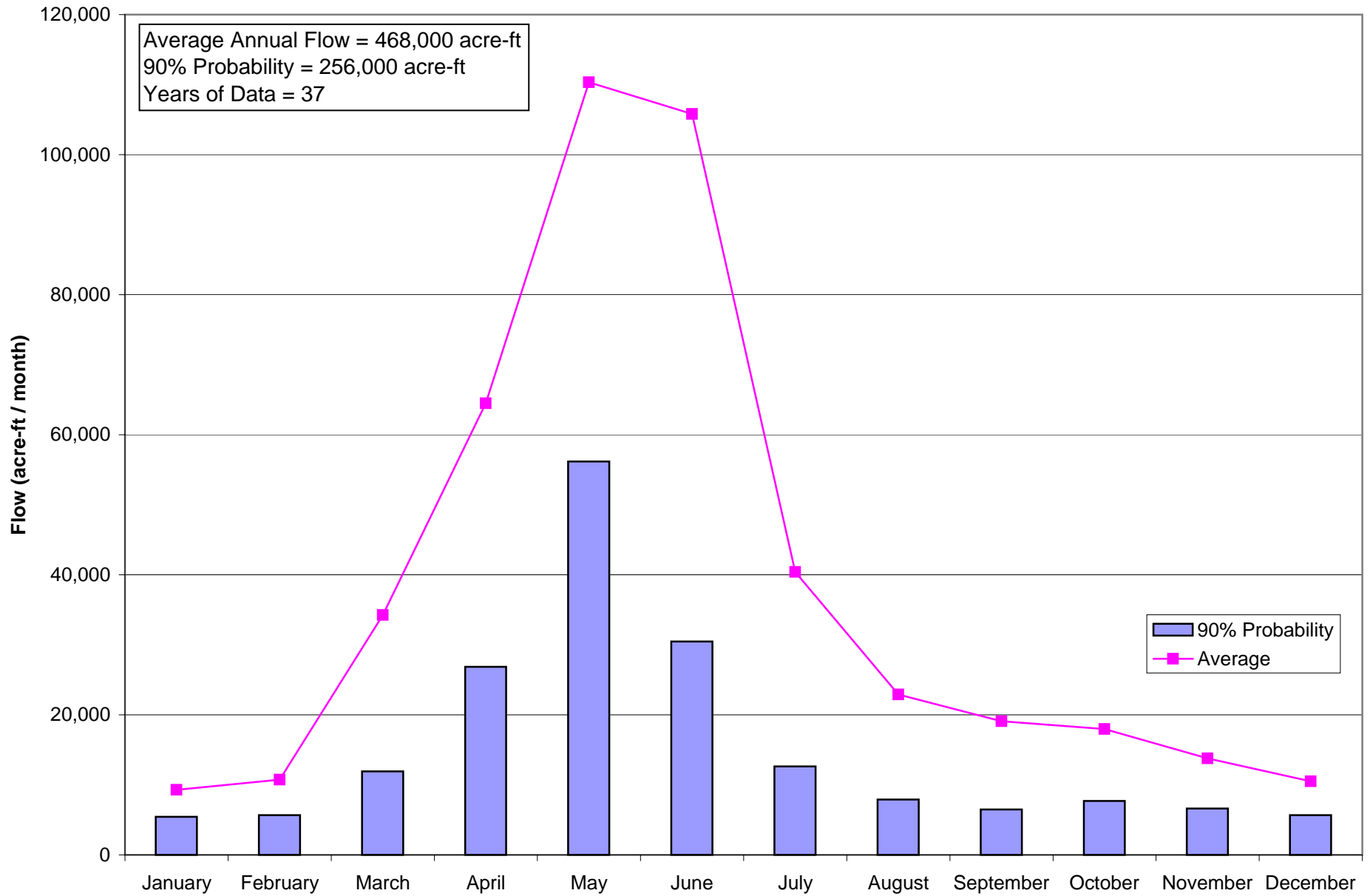
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1949	1,949	1,649	3,536	18,565	29,821	36,060	15,802	5,251	2,868	2,503	2,362	1,722	122,100
1950	2,004	3,055	4,009	13,448	16,171	12,496	4,280	1,851	2,178	2,060	1,654	1,623	64,800
1951	1,457	1,366	2,527	5,088	16,725	13,031	2,484	2,742	1,458	1,623	1,791	1,814	52,100
1952	1,838	1,973	2,933	26,598	42,857	51,174	15,126	6,333	2,392	2,140	1,702	2,189	157,300
1953	2,171	2,155	4,114	8,866	14,019	19,577	5,159	2,214	934	1,808	1,934	1,623	64,600
1954	1,697	2,388	3,167	12,258	18,508	9,223	4,304	3,437	2,136	1,931	1,541	1,531	62,100
1955	1,728	1,577	2,195	5,897	15,003	15,412	3,941	4,077	1,529	1,586	1,553	2,041	56,500
1956	1,629	1,392	6,272	10,116	18,938	13,924	2,595	2,293	1,107	1,371	1,470	1,494	62,600
1957	1,826	1,905	4,618	13,805	27,977	56,469	32,834	13,773	4,879	4,341	4,737	3,363	170,500
1958	3,136	2,949	5,294	24,992	47,899	31,359	5,589	4,132	4,469	2,853	2,339	2,687	137,700
1959	2,761	2,505	2,921	5,814	12,175	9,937	2,656	3,861	1,672	4,937	3,671	2,220	55,100
1960	1,863	1,743	10,514	25,408	21,644	25,349	5,811	2,195	1,601	2,232	1,851	1,777	102,000
1961	1,629	1,638	3,702	12,198	23,058	15,055	4,390	4,187	4,594	3,640	3,011	2,324	79,400
1962	2,478	2,877	3,708	25,051	26,747	20,469	6,702	2,429	2,446	3,185	2,666	2,312	101,100
1963	2,127	2,943	6,641	11,425	17,708	7,200	2,644	3,486	2,874	2,029	1,898	1,654	62,600
1964	1,476	1,357	2,263	6,545	22,320	9,640	3,492	6,948	2,208	2,011	2,047	1,888	62,200
1965	1,918	1,816	2,878	20,826	31,543	38,321	19,922	5,903	5,861	5,423	3,624	3,370	141,400
1966	2,859	2,366	10,453	17,613	25,886	16,066	5,313	3,167	1,981	1,980	1,981	3,591	93,300
1967	2,367	2,560	5,294	6,783	14,880	17,494	6,764	7,256	4,903	2,662	2,160	2,041	75,200
1968	1,882	1,973	3,253	6,664	19,553	24,873	7,870	11,498	2,523	2,576	2,344	2,072	87,100
1969	2,072	2,033	3,148	21,481	30,006	22,671	11,006	6,032	5,950	5,780	4,052	3,259	117,500
1970	2,404	2,349	2,945	5,730	22,013	17,197	7,071	4,058	11,841	4,169	3,112	2,552	85,400
1971	2,330	2,316	4,446	4,231	5,995	3,195	3,185	3,579	3,064	3,154	2,755	2,656	40,900
1972	2,521	2,399	3,173	2,713	5,042	3,314	2,306	1,623	2,321	4,396	3,088	2,435	35,300
1973	2,386	2,427	3,960	9,283	25,763	18,089	5,761	3,745	3,308	2,515	2,416	2,232	81,900
1974	2,152	1,955	4,126	3,469	6,825	3,761	3,609	2,841	1,613	2,324	2,517	1,900	37,100
1975	1,728	1,661	2,792	10,056	9,900	8,212	4,698	3,302	3,219	2,287	2,154	2,306	52,300
1976	1,980	2,312	4,396	3,594	5,958	3,790	3,640	2,859	2,963	2,490	1,773	1,113	36,900
1977	1,094	1,200	1,912	2,279	4,851	2,541	2,595	3,480	3,195	2,552	1,862	1,310	28,900
1978	1,205	1,250	3,763	4,790	7,379	4,356	3,370	2,177	1,601	2,054	2,368	1,506	35,800
1979	1,814	1,727	3,357	10,175	13,466	12,615	4,968	3,443	2,398	2,244	1,964	1,863	60,000
1980	1,851	2,123	2,835	10,830	10,883	12,734	4,181	4,495	4,737	2,792	2,725	2,632	62,800
1981	2,177	1,805	2,386	2,886	6,518	3,808	3,597	2,748	3,499	7,133	3,386	2,361	42,300
1982	1,894	1,855	5,060	9,045	10,760	4,856	10,391	8,547	9,818	3,044	3,909	3,222	72,400
1983	2,078	2,632	6,210	9,342	13,466	12,020	4,931	3,609	3,463	5,534	2,957	2,853	69,100
1984	2,859	2,876	8,239	7,617	19,492	6,783	5,688	5,331	4,094	6,887	4,998	4,157	79,000
1985	3,659	2,932	13,158	13,388	20,537	38,559	12,420	6,825	5,873	7,440	4,207	3,788	132,800

Monthly Flows (acre-feet)

USGS Station ID: 9346000
 USGS Station Name: NAVAJO RIVER AT EDITH, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1986	3,468	3,971	10,945	14,757	15,864	17,256	13,650	5,288	8,331	12,543	10,651	5,024	121,700
1987	3,314	3,504	7,870	12,020	15,925	8,271	6,210	4,027	2,797	2,773	3,903	2,871	73,500
1988	2,472	2,611	5,442	7,557	7,133	4,332	3,874	4,316	4,070	2,994	2,910	2,343	50,100
1989	2,121	2,383	12,605	6,426	6,333	3,713	3,831	3,449	2,594	3,197	1,987	1,254	49,900
1990	1,236	1,244	2,908	3,505	6,395	4,130	4,329	3,868	3,493	3,505	3,612	2,250	40,500
1991	2,152	2,555	5,602	7,736	7,071	4,808	3,726	6,210	4,278	2,589	3,166	2,810	52,700
1992	2,121	2,013	5,565	6,605	10,084	15,531	5,054	6,075	3,237	2,644	2,648	2,091	63,700
1993	2,140	2,805	11,191	18,982	14,819	14,579	10,330	7,686	5,242	4,040	3,059	2,662	97,500
1994	2,152	1,783	9,039	7,081	9,531	20,648	4,642	3,320	4,052	3,702	3,445	2,730	72,100
1995	2,552	4,243	14,941	9,164	11,068	30,942	26,194	7,624	5,409	3,868	3,136	2,539	121,700
1996	2,269	2,767	3,247	2,987	-	-	-	-	-	-	-	-	-
Average	2,210	2,333	5,690	14,045	22,288	19,819	8,477	4,903	3,826	3,806	2,918	2,425	93,000
90% Probablility	1,607	1,583	2,839	4,287	6,825	4,130	2,988	2,429	1,601	1,983	1,807	1,618	41,600

Average Monthly Flow
USGS Station: 9346400
San Juan River near Carracas, CO
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9346400
 USGS Station Name: SAN JUAN RIVER NEAR CARRACAS, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1961	-	-	-	-	-	-	-	-	-	-	240	119
1962	112	292	377	2069	2133	1830	475	131	124	232	180	131
1963	103	289	551	912	1531	493	146	163	200	125	112	75.8
1964	74.2	67.1	174	530	1691	849	258	616	198	137	108	140
1965	193	152	320	1925	2902	3608	1958	538	551	434	288	238
1966	174	148	1150	1513	2404	1325	341	205	96.3	91.5	106	246
1967	104	221	371	477	1305	1409	640	714	408	148	105	84.4
1968	88.8	107	238	544	1728	2434	647	1036	170	140	125	99.9
1969	98.3	118	300	1656	2382	1942	1003	469	431	440	265	185
1970	129	145	163	422	1867	1419	486	286	1377	301	222	146
1971	131	147	364	649	815	883	240	200	177	329	226	168
1972	112	231	400	503	873	591	132	69	112	836	368	153
1973	184	187	688	1665	3195	3489	1288	292	229	152	118	103
1974	90.6	95	454	459	1093	517	226	183	74.6	168	175	94.6
1975	86.4	104	491	1409	2360	3018	1417	311	217	125	121	103
1976	112	152	392	648	1626	1440	347	206	248	200	117	80.8
1977	79	94.4	134	233	395	251	210	367	235	192	128	97.3
1978	93.5	116	452	792	1448	1779	393	100	61.2	106	165	116
1979	138	148	767	2524	2969	3479	1676	403	130	115	115	123
1980	121	193	355	1663	2011	2864	780	234	258	158	167	146
1981	115	119	144	391	836	811	339	221	233	526	224	139
1982	140	153	634	1147	1691	1700	798	708	880	453	320	250
1983	195	232	630	1024	1757	2658	932	469	203	436	187	175
1984	190	207	683	922	2821	1579	471	374	297	558	379	290
1985	220	207	1319	2332	2814	4039	1145	453	526	591	359	303
1986	291	481	997	1712	2569	3076	1325	353	555	932	983	406
1987	296	330	682	1678	2061	2141	605	308	183	151	263	160
1988	144	182	468	875	1110	1034	308	321	259	162	156	191
1989	176	225	1019	1333	1266	805	230	227	137	191	104	72.9
1990	74.7	85	199	553	1209	1240	386	259	306	394	326	185

Average Monthly Flows (cfs)

USGS Station ID: 9346400
 USGS Station Name: SAN JUAN RIVER NEAR CARRACAS, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM
 State: Colorado

Year	January	February	March	April	May	June	July	August	September	October	November	December
1991	196	240	475	1371	1776	1407	434	413	469	158	253	258
1992	203	227	625	1212	1905	1575	528	548	325	162	178	145
1993	185	249	1160	1576	2594	2495	856	733	546	278	221	288
1994	227	223	898	1063	1976	2165	265	160	349	289	423	259
1995	212	424	1369	973	1592	3305	2427	536	310	195	147	130
1996	128	194	199	421	1164	329	188	120	169	180	176	150
1997	162	193	898	771	1911	2214	530	424	585	527	332	251
1998	205	182	625	829	1769	1118	444	285	146	-	425	244
1999	174	182	341	815	1514	1744	653	1004	647	206	126	128
2000	135	147	216	679	924	287	97	89.3	77.2	-	-	-
Average	151	192	557	1084	1795	1778	657	373	320	292	232	171
Max	296	481	1369	2524	3195	4039	2427	1036	1377	932	983	406
Min	74	67	134	233	395	251	97	69	61	92	104	73

Monthly Flows (acre-feet)

USGS Station ID: 9346400
 USGS Station Name: SAN JUAN RIVER NEAR CARRACAS, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

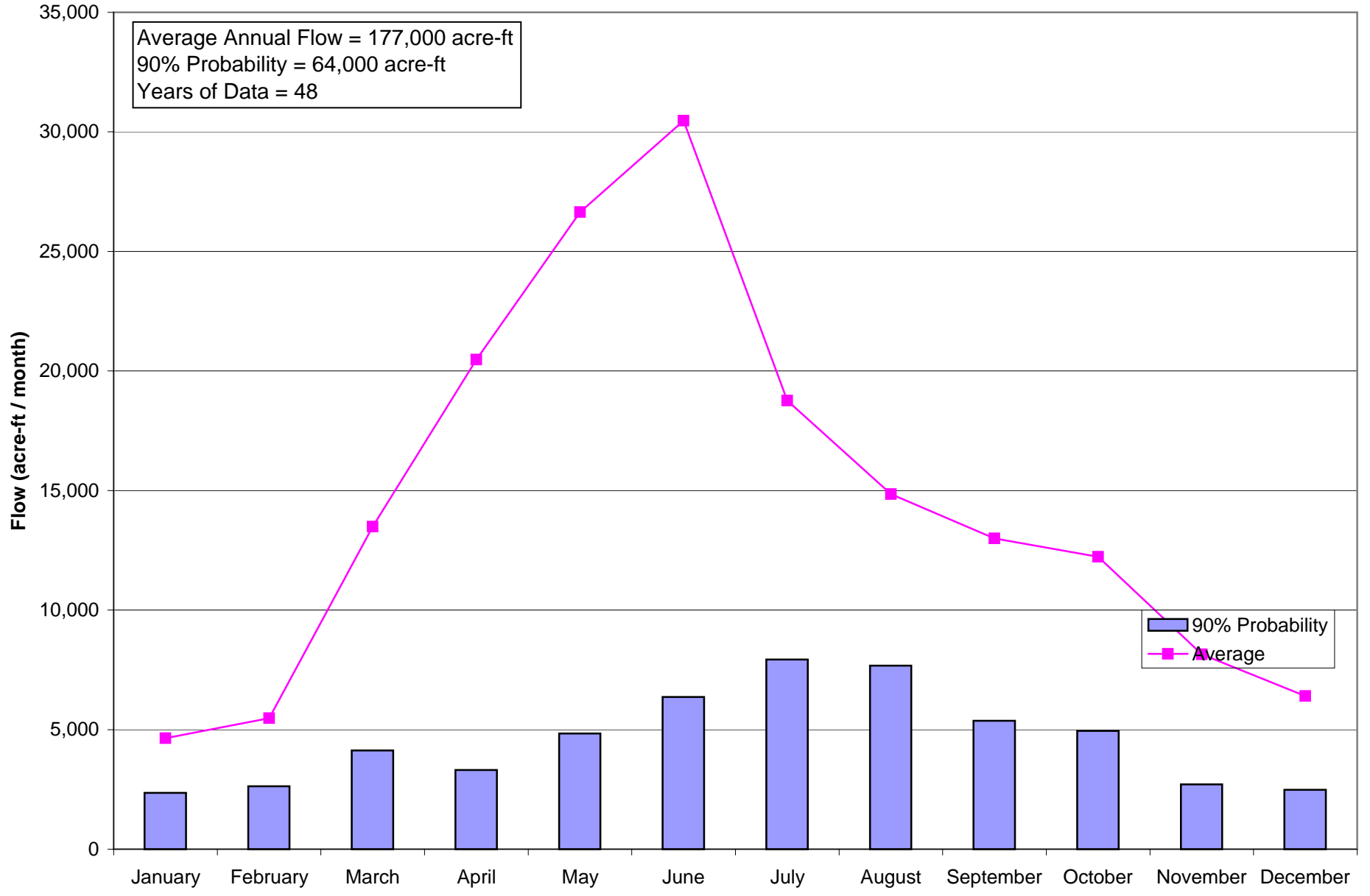
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1961	-	-	-	-	-	-	-	-	-	-	14,281	7,317	-
1962	6,887	16,217	23,181	123,114	131,153	108,893	29,207	8,055	7,379	14,265	10,711	8,055	487,000
1963	6,333	16,050	33,880	54,268	94,138	29,336	8,977	10,022	11,901	7,686	6,664	4,661	284,000
1964	4,562	3,860	10,699	31,537	103,976	50,519	15,864	37,876	11,782	8,424	6,426	8,608	294,000
1965	11,867	8,442	19,676	114,545	178,437	214,691	120,393	33,080	32,787	26,686	17,137	14,634	792,000
1966	10,699	8,220	70,711	90,030	147,816	78,843	20,967	12,605	5,730	5,626	6,307	15,126	473,000
1967	6,395	12,274	22,812	28,383	80,241	83,841	39,352	43,902	24,278	9,100	6,248	5,190	362,000
1968	5,460	6,155	14,634	32,370	106,251	144,833	39,782	63,701	10,116	8,608	7,438	6,143	445,000
1969	6,044	6,553	18,446	98,539	146,463	115,557	61,672	28,838	25,646	27,055	15,769	11,375	562,000
1970	7,932	8,053	10,022	25,111	114,797	84,436	29,883	17,585	81,937	18,508	13,210	8,977	420,000
1971	8,055	8,164	22,381	38,618	50,112	52,542	14,757	12,298	10,532	20,229	13,448	10,330	261,000
1972	6,887	13,287	24,595	29,931	53,679	35,167	8,116	4,243	6,664	51,404	21,898	9,408	265,000
1973	11,314	10,385	42,303	99,074	196,453	207,610	79,196	17,954	13,626	9,346	7,021	6,333	701,000
1974	5,571	5,276	27,915	27,312	67,206	30,764	13,896	11,252	4,439	10,330	10,413	5,817	220,000
1975	5,313	5,776	30,190	83,841	145,111	179,583	87,128	19,123	12,912	7,686	7,200	6,333	590,000
1976	6,887	8,743	24,103	38,559	99,979	85,686	21,336	12,666	14,757	12,298	6,962	4,968	337,000
1977	4,858	5,243	8,239	13,864	24,288	14,936	12,912	22,566	13,983	11,806	7,617	5,983	146,000
1978	5,749	6,442	27,792	47,127	89,034	105,858	24,165	6,149	3,642	6,518	9,818	7,133	339,000
1979	8,485	8,220	47,161	150,188	182,557	207,015	103,053	24,780	7,736	7,071	6,843	7,563	761,000
1980	7,440	11,101	21,828	98,955	123,652	170,420	47,960	14,388	15,352	9,715	9,937	8,977	540,000
1981	7,071	6,609	8,854	23,266	51,404	48,258	20,844	13,589	13,864	32,342	13,329	8,547	248,000
1982	8,608	8,497	38,983	68,251	103,976	101,157	49,067	43,533	52,364	27,854	19,041	15,372	537,000
1983	11,990	12,885	38,737	60,932	108,034	158,162	57,306	28,838	12,079	26,809	11,127	10,760	538,000
1984	11,683	11,907	41,996	54,863	173,457	93,957	28,961	22,996	17,673	34,310	22,552	17,831	532,000
1985	13,527	11,496	81,102	138,764	173,026	240,337	70,403	27,854	31,299	36,339	21,362	18,631	864,000
1986	17,893	26,713	61,303	101,871	157,962	183,035	81,471	21,705	33,025	57,306	58,493	24,964	826,000
1987	18,200	18,327	41,935	99,848	126,726	127,398	37,200	18,938	10,889	9,285	15,650	9,838	534,000
1988	8,854	10,469	28,776	52,066	68,251	61,527	18,938	19,738	15,412	9,961	9,283	11,744	315,000
1989	10,822	12,496	62,656	79,319	77,843	47,901	14,142	13,958	8,152	11,744	6,188	4,482	350,000
1990	4,593	4,721	12,236	32,906	74,339	73,785	23,734	15,925	18,208	24,226	19,398	11,375	315,000
1991	12,052	13,329	29,207	81,580	109,202	83,722	26,686	25,394	27,907	9,715	15,055	15,864	450,000
1992	12,482	13,057	38,430	72,119	117,134	93,719	32,465	33,695	19,339	9,961	10,592	8,916	462,000
1993	11,375	13,829	71,326	93,779	159,499	148,463	52,633	45,070	32,489	17,094	13,150	17,708	676,000
1994	13,958	12,385	55,216	63,253	121,500	128,826	16,294	9,838	20,767	17,770	25,170	15,925	501,000
1995	13,035	23,548	84,177	57,898	97,888	196,661	149,230	32,957	18,446	11,990	8,747	7,993	703,000
1996	7,870	11,159	12,236	25,051	71,572	19,577	11,560	7,379	10,056	11,068	10,473	9,223	207,000
1997	9,961	10,719	55,216	45,878	117,503	131,742	32,588	26,071	34,810	32,404	19,755	15,433	532,000

Monthly Flows (acre-feet)

USGS Station ID: 9346400
 USGS Station Name: SAN JUAN RIVER NEAR CARRACAS, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1998	12,605	10,108	38,430	49,329	108,772	66,526	27,300	17,524	8,688	-	25,289	15,003	-
1999	10,699	10,108	20,967	48,496	93,092	103,775	40,151	61,734	38,499	12,666	7,498	7,870	456,000
2000	8,301	8,456	13,281	40,403	56,815	17,078	5,964	5,491	4,594	-	-	-	-
Average	9,290	10,751	34,247	64,493	110,342	105,798	40,399	22,905	19,071	17,979	13,782	10,523	468,000
90% Probablility	5,431	5,676	11,929	26,872	56,188	30,478	12,642	7,920	6,477	7,686	6,616	5,692	256,000

Average Monthly Flow
USGS Station: 9354500
Los Pinos River at La Boca, CO.
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9354500

USGS Station Name: LOS PINOS RIVER AT LA BOCA, CO.

Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December
1951	45.1	45.4	51.4	22.8	44.3	78.9	83.2	100	58.3	62.7	41.1	54.4
1952	66.3	45.9	260	1061	1165	1078	467	239	127	73.1	61.3	66.6
1953	73.9	70.6	90.1	62.1	68.9	95.4	136	143	86.8	102	46.7	48.5
1954	46.5	71.1	71.5	62	79.2	98	176	136	123	138	64.7	56.7
1955	56.6	57	88.7	61.3	157	107	184	202	151	92.8	75.2	73.5
1956	68.5	74.9	110	80.8	102	122	129	137	89.4	77.2	55.3	40.8
1957	54	96.8	135	211	666	1351	1381	878	385	371	408	323
1958	86.4	203	258	748	1719	738	173	194	187	106	73.3	61.4
1959	55.5	65	54.2	52	72.6	117	81.6	113	75	88	32.1	53.4
1960	50.2	53.8	402	672	215	352	141	145	137	112	58.3	61.2
1961	56.9	85.3	176	250	171	268	185	149	173	168	122	103
1962	49.8	84.1	243	839	354	131	147	131	155	158	69.1	70.4
1963	56.5	152	154	119	106	112	134	139	90.4	96.2	41.8	33.8
1964	37.8	40.2	64.1	84.8	74.3	106	128	157	102	65.7	53.2	48.8
1965	58.2	79	117	348	1001	917	739	239	316	314	208	98.2
1966	76.3	82.1	378	269	386	413	190	186	142	146	45.6	108
1967	62.1	66.5	71.3	65.9	129	146	163	160	139	125	50.4	38.4
1968	35.1	58.7	77.5	91.2	158	576	205	200	159	157	45.6	42.6
1969	55.5	61	175	249	849	407	357	231	332	435	331	142
1970	109	72	54.5	63.4	157	298	157	168	706	388	140	131
1971	99.9	91.2	69.2	56	120	130	177	174	141	136	89.3	216
1972	140	102	82.7	48.6	104	129	129	124	112	251	163	112
1973	144	157	494	1004	1699	1468	854	251	372	81.8	68.6	81.3
1974	72.8	80.9	153	58.2	88.1	140	196	125	131	123	78.2	50.6
1975	42	56	265	696	728	1088	1044	219	230	173	72.9	57.4
1976	67.9	135	111	108	180	428	205	205	243	209	142	54
1977	36	39.9	45.1	30.5	52.3	74.5	104	80.4	67.4	47.9	47.5	36.5
1978	33.9	38.6	193	162	106	295	148	161	153	111	99.5	56.6
1979	62.5	66.1	485	1339	1475	1555	749	278	361	257	68.5	65.5
1980	69.4	153	230	1065	991	1166	399	205	171	211	86.1	105
1981	93.3	56.2	67.5	58.9	93.1	124	181	158	165	155	146	85.6

Average Monthly Flows (cfs)

USGS Station ID: 9354500

USGS Station Name: LOS PINOS RIVER AT LA BOCA, CO.

Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December
1982	76.7	133	223	166	659	288	232	274	283	342	414	396
1983	156	196	311	429	517	839	397	327	243	274	82.1	94.6
1984	76.8	93.5	260	354	806	603	379	455	209	381	349	298
1985	182	116	293	817	952	1438	269	264	334	522	366	181
1986	87.1	113	192	512	910	949	729	358	532	672	709	265
1987	130	186	336	802	913	1157	388	292	193	212	289	137
1988	114	122	167	146	132	190	176	248	178	152	123	113
1989	117	146	426	318	179	163	168	198	163	88.6	42.7	37.7
1990	37	46.1	70.6	86.8	88.4	273	231	180	233	335	233	139
1991	105	126	217	437	181	214	194	196	218	124	144	68.7
1992	59.6	97	190	409	280	486	288	225	212	152	86.6	73.4
1993	78.1	362	972	574	417	936	249	311	201	187	145	134
1994	91.2	113	168	192	519	549	163	188	170	138	112	104
1995	78.4	181	755	797	425	911	603	205	173	138	50.2	46.3
1996	48.5	59.9	103	42.9	85.6	138	148	115	123	95	56	52.7
1997	52.9	69.6	637	461	550	1162	308	547	725	476	242	142
1998	111	80.5	255	345	161	151	179	170	151	-	138	211
1999	71.5	69.8	74.2	110	462	910	482	1349	593	226	47.2	34.8
2000	38.3	47.3	90.7	167	118	134	132	149	103	-	-	-
Average	75	98	219	344	433	512	305	242	218	199	137	104
Max	182	362	972	1339	1719	1555	1381	1349	725	672	709	396
Min	34	39	45	23	44	75	82	80	58	48	32	34

Monthly Flows (acre-feet)

USGS Station ID: 9354500
 USGS Station Name: LOS PINOS RIVER AT LA BOCA, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

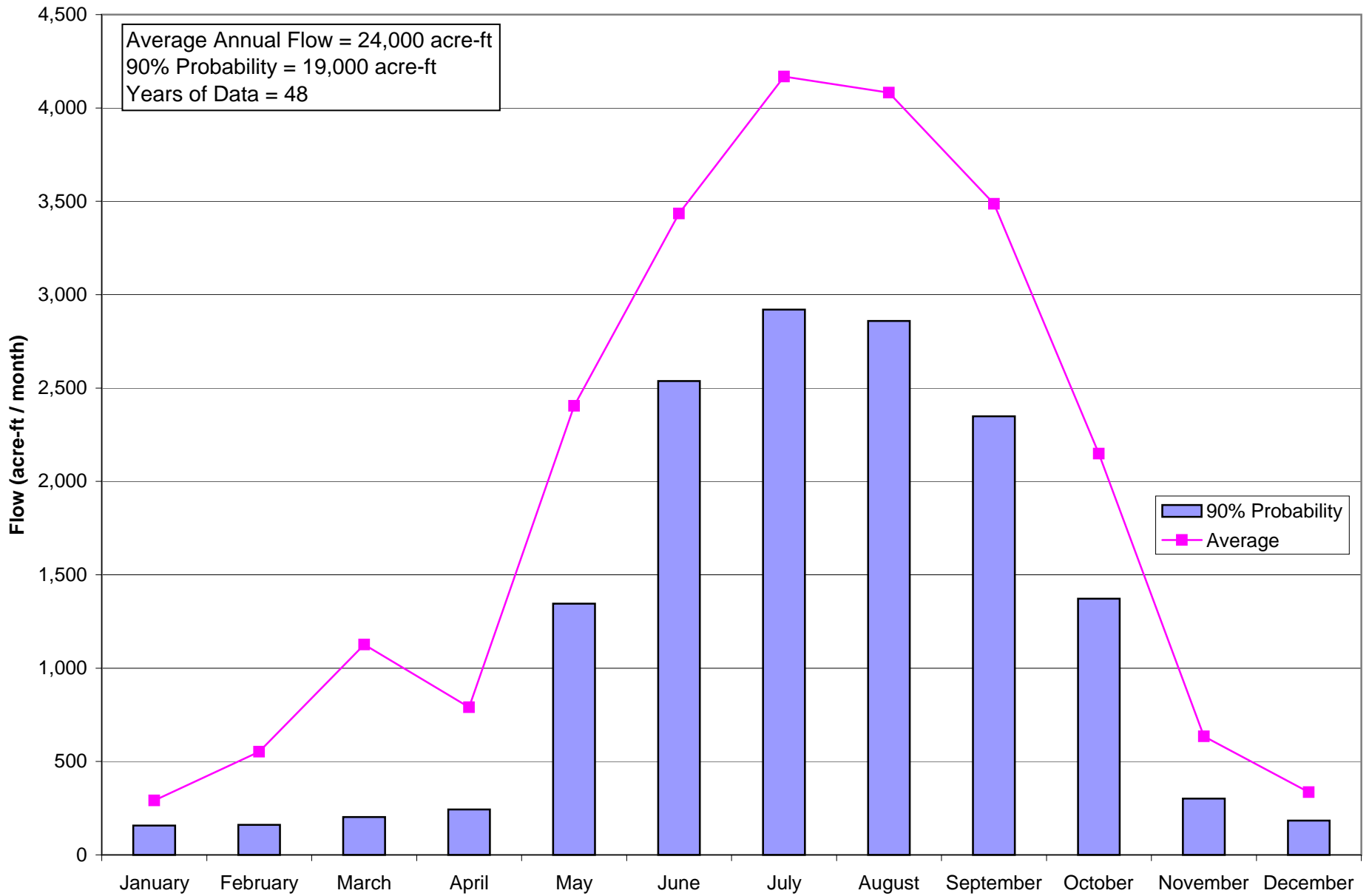
Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1951	2,773	2,521	3,160	1,357	2,724	4,695	5,116	6,149	3,469	3,855	2,446	3,345	42,000
1952	4,077	2,640	15,987	63,134	71,633	64,145	28,715	14,696	7,557	4,495	3,648	4,095	285,000
1953	4,544	3,921	5,540	3,695	4,236	5,677	8,362	8,793	5,165	6,272	2,779	2,982	62,000
1954	2,859	3,949	4,396	3,689	4,870	5,831	10,822	8,362	7,319	8,485	3,850	3,486	68,000
1955	3,480	3,166	5,454	3,648	9,654	6,367	11,314	12,420	8,985	5,706	4,475	4,519	79,000
1956	4,212	4,308	6,764	4,808	6,272	7,260	7,932	8,424	5,320	4,747	3,291	2,509	66,000
1957	3,320	5,376	8,301	12,555	40,951	80,390	84,914	53,986	22,909	22,812	24,278	19,860	380,000
1958	5,313	11,274	15,864	44,509	105,697	43,914	10,637	11,929	11,127	6,518	4,362	3,775	275,000
1959	3,413	3,610	3,333	3,094	4,464	6,962	5,017	6,948	4,463	5,411	1,910	3,283	52,000
1960	3,087	3,095	24,718	39,987	13,220	20,945	8,670	8,916	8,152	6,887	3,469	3,763	145,000
1961	3,499	4,737	10,822	14,876	10,514	15,947	11,375	9,162	10,294	10,330	7,260	6,333	115,000
1962	3,062	4,671	14,941	49,924	21,767	7,795	9,039	8,055	9,223	9,715	4,112	4,329	147,000
1963	3,474	8,442	9,469	7,081	6,518	6,664	8,239	8,547	5,379	5,915	2,487	2,078	74,000
1964	2,324	2,312	3,941	5,046	4,569	6,307	7,870	9,654	6,069	4,040	3,166	3,001	58,000
1965	3,579	4,387	7,194	20,707	61,549	54,565	45,439	14,696	18,803	19,307	12,377	6,038	269,000
1966	4,692	4,560	23,242	16,007	23,734	24,575	11,683	11,437	8,450	8,977	2,713	6,641	147,000
1967	3,818	3,693	4,384	3,921	7,932	8,688	10,022	9,838	8,271	7,686	2,999	2,361	74,000
1968	2,158	3,376	4,765	5,427	9,715	34,274	12,605	12,298	9,461	9,654	2,713	2,619	109,000
1969	3,413	3,388	10,760	14,817	52,203	24,218	21,951	14,204	19,755	26,747	19,696	8,731	220,000
1970	6,702	3,999	3,351	3,773	9,654	17,732	9,654	10,330	42,010	23,857	8,331	8,055	147,000
1971	6,143	5,065	4,255	3,332	7,379	7,736	10,883	10,699	8,390	8,362	5,314	13,281	91,000
1972	8,608	5,867	5,085	2,892	6,395	7,676	7,932	7,624	6,664	15,433	9,699	6,887	91,000
1973	8,854	8,719	30,375	59,742	104,467	87,352	52,510	15,433	22,136	5,030	4,082	4,999	404,000
1974	4,476	4,493	9,408	3,463	5,417	8,331	12,052	7,686	7,795	7,563	4,653	3,111	78,000
1975	2,582	3,110	16,294	41,415	44,763	64,740	64,193	13,466	13,686	10,637	4,338	3,529	283,000
1976	4,175	7,765	6,825	6,426	11,068	25,468	12,605	12,605	14,460	12,851	8,450	3,320	126,000
1977	2,214	2,216	2,773	1,815	3,216	4,433	6,395	4,944	4,011	2,945	2,826	2,244	40,000
1978	2,084	2,144	11,867	9,640	6,518	17,554	9,100	9,900	9,104	6,825	5,921	3,480	94,000
1979	3,843	3,671	29,821	79,676	90,694	92,529	46,054	17,094	21,481	15,802	4,076	4,027	409,000
1980	4,267	8,801	14,142	63,372	60,934	69,382	24,534	12,605	10,175	12,974	5,123	6,456	293,000
1981	5,737	3,121	4,150	3,505	5,724	7,379	11,129	9,715	9,818	9,531	8,688	5,263	84,000
1982	4,716	7,386	13,712	9,878	40,520	17,137	14,265	16,848	16,840	21,029	24,635	24,349	211,000
1983	9,592	10,885	19,123	25,527	31,789	49,924	24,411	20,106	14,460	16,848	4,885	5,817	233,000
1984	4,722	5,378	15,987	21,064	49,559	35,881	23,304	27,977	12,436	23,427	20,767	18,323	259,000
1985	11,191	6,442	18,016	48,615	58,536	85,567	16,540	16,233	19,874	32,097	21,779	11,129	346,000
1986	5,356	6,276	11,806	30,466	55,954	56,469	44,824	22,013	31,656	41,320	42,188	16,294	365,000
1987	7,993	10,330	20,660	47,722	56,138	68,846	23,857	17,954	11,484	13,035	17,197	8,424	304,000

Monthly Flows (acre-feet)

USGS Station ID: 9354500
 USGS Station Name: LOS PINOS RIVER AT LA BOCA, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1988	7,010	7,018	10,268	8,688	8,116	11,306	10,822	15,249	10,592	9,346	7,319	6,948	113,000
1989	7,194	8,108	26,194	18,922	11,006	9,699	10,330	12,175	9,699	5,448	2,541	2,318	124,000
1990	2,275	2,560	4,341	5,165	5,436	16,245	14,204	11,068	13,864	20,598	13,864	8,547	118,000
1991	6,456	6,998	13,343	26,003	11,129	12,734	11,929	12,052	12,972	7,624	8,569	4,224	134,000
1992	3,665	5,580	11,683	24,337	17,217	28,919	17,708	13,835	12,615	9,346	5,153	4,513	155,000
1993	4,802	20,104	59,766	34,155	25,640	55,696	15,310	19,123	11,960	11,498	8,628	8,239	275,000
1994	5,608	6,276	10,330	11,425	31,912	32,668	10,022	11,560	10,116	8,485	6,664	6,395	151,000
1995	4,821	10,052	46,423	47,425	26,132	54,208	37,077	12,605	10,294	8,485	2,987	2,847	263,000
1996	2,982	3,445	6,333	2,553	5,263	8,212	9,100	7,071	7,319	5,841	3,332	3,240	65,000
1997	3,253	3,865	39,168	27,431	33,818	69,144	18,938	33,634	43,140	29,268	14,400	8,731	325,000
1998	6,825	4,471	15,679	20,529	9,900	8,985	11,006	10,453	8,985	-	8,212	12,974	-
1999	4,396	3,876	4,562	6,545	28,407	54,149	29,637	82,947	35,286	13,896	2,809	2,140	269,000
2000	2,355	2,721	5,577	9,937	7,256	7,974	8,116	9,162	6,129	-	-	-	-
Average	4,640	5,483	13,487	20,474	26,644	30,466	18,763	14,854	12,992	12,228	8,152	6,405	177,000
90% Probablility	2,352	2,632	4,129	3,308	4,840	6,361	7,932	7,680	5,373	4,945	2,713	2,479	64,000

Average Monthly Flow
USGS Station: 9355000
Spring Creek at La Boca, CO.
Watershed: San Juan above Navajo Dam



Average Monthly Flows (cfs)

USGS Station ID: 9355000
 USGS Station Name: SPRING CREEK AT LA BOCA, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December
1951	2.85	4.54	3.13	7.01	19.3	31.9	42.8	43.7	26.5	25	6.91	6.35
1952	6.16	4.14	25.5	23.7	20.4	62.8	66.1	57.4	61.2	32.6	26.9	4
1953	3.45	5.14	5.66	14.2	35.7	42.8	65.7	66.5	52.4	49.9	18.2	4.29
1954	3.73	5.79	9.12	5.79	40.6	58.6	85.8	54.4	64.1	36.4	24.8	3.9
1955	3.76	3.96	6.05	12	32.2	54.5	68	72.5	50.6	46	29.6	6.37
1956	6.31	6.03	4.31	9.57	38.8	49.5	63.3	51.7	37.5	26.7	6.15	5
1957	5.9	43.5	8.84	7.19	28	32.7	80.9	34.2	39.7	52.9	19.9	4.81
1958	2.65	28.7	15	26.9	36.8	51.6	45.5	56.4	50.3	38.1	6.61	3
1959	4	7.04	4.02	6.46	22	41.1	36.8	50.5	32.1	29.3	11.6	1.74
1960	3.1	2.55	25.1	9.84	38.9	58.1	51.6	58.3	54.6	41	7.3	3.86
1961	2.29	9.82	17.8	17.4	25.8	50.9	62.2	73.2	63.1	43.6	8.56	3
1962	2.26	9.02	3.57	9.91	41.6	50.9	55.1	50.8	56.3	31.9	8.04	5.79
1963	3.36	18.8	7.01	8.37	35.4	43.6	53.7	48.6	36.6	31.3	8.19	4.15
1964	2.97	2.82	4.35	5.2	16.5	36.1	41.3	32.5	42.5	23.4	12.3	5.43
1965	7.92	9.07	6.92	17	30.4	64.8	60.2	60.9	78.1	30.9	13.6	5.13
1966	3.42	4.36	29	9.2	38.7	47.2	55	52.3	45.2	28.5	10.6	10.2
1967	4.76	6.56	4.74	10	37.5	54.9	47.7	61.7	54.6	32.9	6.83	4.27
1968	3.53	12.7	5.38	4.09	34.4	50.5	60.9	67.9	51	42	12.6	4.75
1969	5.84	7.21	26.7	12.3	54.6	72.2	84.4	63.3	82.8	43.5	10.6	6.84
1970	6.81	4.76	3.97	9.54	42.2	70.8	68.2	71.5	82.6	33.6	6.43	5.21
1971	3.95	4.59	3.3	12.6	47.6	56.7	69.2	80.7	62.4	35.7	6.77	3.4
1972	3.08	4.86	3.03	19	50.5	70.9	73.5	48.8	44.1	87.9	13.9	4.39
1973	2.04	13.2	68.1	37.9	55.5	65.7	72.6	72	70.7	15.4	4.9	4.5
1974	2.83	3.03	8.62	6.85	39.3	60.9	69.5	46.8	40.1	19.8	6.04	4.01
1975	2.83	2.68	34.8	25.6	44.6	65.3	69.9	70	72	41.2	6.63	4.12
1976	3.24	4.6	4.13	14.2	54.5	68.3	83.6	86.1	82.8	28.3	4.67	2.58
1977	2.3	2.71	3.99	5.43	28.3	24.4	21.2	32.1	30.8	5.25	3.68	3.08
1978	3.07	4.26	28.7	3.77	15.7	45.7	61	66.8	60.6	29.2	12.5	4.81
1979	3.99	4.46	89.7	41.1	41.3	60.7	66.9	74.3	72.2	55	6.25	5.29
1980	19.3	54.8	36.8	32.5	44.2	58.9	70.7	75.3	72.4	48	5.52	5.14
1981	3.84	3.63	5.84	3.92	43.1	63.6	76.1	77.5	72.4	40.9	4.76	3.67

Average Monthly Flows (cfs)

USGS Station ID: 9355000

USGS Station Name: SPRING CREEK AT LA BOCA, CO.

Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December
1982	3.28	12.4	37.3	8.47	42	60.2	68.9	85.9	61.9	27.5	5.67	8.96
1983	7.11	18.8	26.5	16.2	44.3	69.7	86.5	80.6	92	34.6	6	8.68
1984	5.86	7.28	18.4	7.94	47.1	66.2	75.1	100	62.7	46.1	6.45	20.4
1985	7.29	8.42	35.3	25.5	37.9	63.1	81.4	80.8	84.3	29.1	10.8	8.44
1986	4.99	15	6.72	15.9	49.9	79.3	86.5	81.8	69.3	34.5	29.4	10.3
1987	4.95	7.53	53	29.5	56.9	76.7	90.1	105	70.2	43.6	12.7	5.08
1988	4.66	7.84	18.6	8.23	38.8	65.9	60.7	78.5	67.1	29.1	5.1	4.52
1989	4.17	5.09	15.9	15.4	58.3	61.5	75.2	75.7	46.2	19.3	5.52	3.17
1990	2.59	3.39	6.03	4.01	20.9	49.6	71.9	64.3	56	29.4	7.7	4.37
1991	4.26	9.05	13.2	8	49.3	77.9	72.2	64.6	55.8	30.5	18.8	7.28
1992	5.47	27.8	15.4	17.5	64.5	62.9	70.3	75	60.2	39.3	8.7	5.99
1993	6.9	20	58.2	20.7	57.2	63.1	60.7	93.3	52.2	36.1	9.32	6.62
1994	4.51	5.62	8.57	8.01	44.6	70.6	74.7	50.5	62.2	27.8	24.4	7.9
1995	12.3	22.8	56.8	7.66	37.7	59.2	77.4	77.3	69.3	34.6	4.32	2.78
1996	2.2	2.24	2.52	6.4	35.8	63.9	111	132	80.1	13.4	7.87	7.01
1997	7.55	8.66	30.8	18.4	55.1	68.8	84.9	42.6	59.2	33.5	6.37	5.67
1998	5.07	4.61	3.57	3.96	23.5	45.5	66.4	55.8	52.7	-	16.9	5.44
1999	6.18	3.6	2.36	4.02	26.9	70	92.6	51.3	42	43.4	5.37	2.29
2000	2.85	2.06	3.28	9.81	30.1	44.5	53.4	66	44.3	-	-	-
Average	5	10	18	13	39	58	68	66	59	35	11	5
Max	19	55	90	41	65	79	111	132	92	88	30	20
Min	2	2	2	4	16	24	21	32	27	5	4	2

Monthly Flows (acre-feet)

USGS Station ID: 9355000
 USGS Station Name: SPRING CREEK AT LA BOCA, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1951	175	252	192	417	1,187	1,898	2,632	2,687	1,577	1,537	411	390	13,000
1952	379	238	1,568	1,410	1,254	3,737	4,064	3,529	3,642	2,004	1,601	246	24,000
1953	212	285	348	845	2,195	2,547	4,040	4,089	3,118	3,068	1,083	264	22,000
1954	229	322	561	345	2,496	3,487	5,276	3,345	3,814	2,238	1,476	240	24,000
1955	231	220	372	714	1,980	3,243	4,181	4,458	3,011	2,828	1,761	392	23,000
1956	388	347	265	569	2,386	2,945	3,892	3,179	2,231	1,642	366	307	19,000
1957	363	2,416	544	428	1,722	1,946	4,974	2,103	2,362	3,253	1,184	296	22,000
1958	163	1,594	922	1,601	2,263	3,070	2,798	3,468	2,993	2,343	393	184	22,000
1959	246	391	247	384	1,353	2,446	2,263	3,105	1,910	1,802	690	107	15,000
1960	191	147	1,543	586	2,392	3,457	3,173	3,585	3,249	2,521	434	237	22,000
1961	141	545	1,094	1,035	1,586	3,029	3,825	4,501	3,755	2,681	509	184	23,000
1962	139	501	220	590	2,558	3,029	3,388	3,124	3,350	1,961	478	356	20,000
1963	207	1,044	431	498	2,177	2,594	3,302	2,988	2,178	1,925	487	255	18,000
1964	183	162	267	309	1,015	2,148	2,539	1,998	2,529	1,439	732	334	14,000
1965	487	504	425	1,012	1,869	3,856	3,702	3,745	4,647	1,900	809	315	23,000
1966	210	242	1,783	547	2,380	2,809	3,382	3,216	2,690	1,752	631	627	20,000
1967	293	364	291	595	2,306	3,267	2,933	3,794	3,249	2,023	406	263	20,000
1968	217	731	331	243	2,115	3,005	3,745	4,175	3,035	2,582	750	292	21,000
1969	359	400	1,642	732	3,357	4,296	5,190	3,892	4,927	2,675	631	421	29,000
1970	419	264	244	568	2,595	4,213	4,193	4,396	4,915	2,066	383	320	25,000
1971	243	255	203	750	2,927	3,374	4,255	4,962	3,713	2,195	403	209	23,000
1972	189	280	186	1,131	3,105	4,219	4,519	3,001	2,624	5,405	827	270	26,000
1973	125	733	4,187	2,255	3,413	3,909	4,464	4,427	4,207	947	292	277	29,000
1974	174	168	530	408	2,416	3,624	4,273	2,878	2,386	1,217	359	247	19,000
1975	174	149	2,140	1,523	2,742	3,886	4,298	4,304	4,284	2,533	395	253	27,000
1976	199	265	254	845	3,351	4,064	5,140	5,294	4,927	1,740	278	159	27,000
1977	141	151	245	323	1,740	1,452	1,304	1,974	1,833	323	219	189	10,000
1978	189	237	1,765	224	965	2,719	3,751	4,107	3,606	1,795	744	296	20,000
1979	245	248	5,515	2,446	2,539	3,612	4,114	4,569	4,296	3,382	372	325	32,000
1980	1,187	3,152	2,263	1,934	2,718	3,505	4,347	4,630	4,308	2,951	328	316	32,000
1981	236	202	359	233	2,650	3,784	4,679	4,765	4,308	2,515	283	226	24,000
1982	202	689	2,293	504	2,582	3,582	4,236	5,282	3,683	1,691	337	551	26,000
1983	437	1,044	1,629	964	2,724	4,147	5,319	4,956	5,474	2,127	357	534	30,000
1984	360	419	1,131	472	2,896	3,939	4,618	6,149	3,731	2,835	384	1,254	28,000
1985	448	468	2,171	1,517	2,330	3,755	5,005	4,968	5,016	1,789	643	519	29,000
1986	307	833	413	946	3,068	4,719	5,319	5,030	4,124	2,121	1,749	633	29,000
1987	304	418	3,259	1,755	3,499	4,564	5,540	6,456	4,177	2,681	756	312	34,000

Monthly Flows (acre-feet)

USGS Station ID: 9355000
 USGS Station Name: SPRING CREEK AT LA BOCA, CO.
 Watershed: SAN JUAN ABOVE NAVAJO DAM

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1988	287	451	1,144	490	2,386	3,921	3,732	4,827	3,993	1,789	303	278	24,000
1989	256	283	978	916	3,585	3,660	4,624	4,655	2,749	1,187	328	195	23,000
1990	159	188	371	239	1,285	2,951	4,421	3,954	3,332	1,808	458	269	19,000
1991	262	503	812	476	3,031	4,635	4,439	3,972	3,320	1,875	1,119	448	25,000
1992	336	1,599	947	1,041	3,966	3,743	4,323	4,612	3,582	2,416	518	368	27,000
1993	424	1,111	3,579	1,232	3,517	3,755	3,732	5,737	3,106	2,220	555	407	29,000
1994	277	312	527	477	2,742	4,201	4,593	3,105	3,701	1,709	1,452	486	24,000
1995	756	1,266	3,492	456	2,318	3,523	4,759	4,753	4,124	2,127	257	171	28,000
1996	135	129	155	381	2,201	3,802	6,825	8,116	4,766	824	468	431	28,000
1997	464	481	1,894	1,095	3,388	4,094	5,220	2,619	3,523	2,060	379	349	26,000
1998	312	256	220	236	1,445	2,707	4,083	3,431	3,136	-	1,006	334	-
1999	380	200	145	239	1,654	4,165	5,694	3,154	2,499	2,669	320	141	21,000
2000	175	118	202	584	1,851	2,648	3,283	4,058	2,636	-	-	-	-
Average	292	552	1,126	790	2,404	3,434	4,168	4,082	3,487	2,149	635	336	24,000
90% Probablility	157	161	203	243	1,346	2,537	2,920	2,859	2,349	1,372	301	184	19,000