# 08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM

Rio Grande-Elephant Butte Basin
Rio Grande-Albuquerque Subbasin

LOCATION.--Lat 34°15′23″, long 106°53′27″ referenced to North American Datum of 1983, Socorro County, NM, Hydrologic Unit 13020203, in Sevilleta Grant, on right bank 0.2 mi downstream from San Acacia Diversion Dam, 0.3 mi east of San Acacia, 2.0 mi downstream from Rio Salado, and at mile 1,472.6.

DRAINAGE AREA.--26,770 $mi^2$, approximately, including 2,940 $mi^2$ in closed basin in San Luis Valley, Colorado.

## SURFACE-WATER RECORDS

PERIOD OF RECORD.--April 1936 to September 1958 (prior to construction of conveyance channel), October 1958 to September 1964 (flow in conveyance channel included), October 1964 to current year. Prior to October 1964 published as 08355000 "Rio Grande at San Acacia" and records are not equivalent.

REVISED RECORDS.--WSP 1242: 1951. WSP 1732: 1958(M). WRD 1969: 1967.

GAGE.--Water-stage recorder with satellite telemetry. Datum of gage is 4,654.50 ft above NGVD of 1929. Prior to Mar. 19, 1953, at several sites 0.1 mi upstream at different datums. Mar. 19, 1953, to Aug. 19, 1965, at site 0.4 mi downstream at datum 3.60 ft higher. Aug. 19, 1965, to Aug. 15, 1967, at same site at datum 1.89 ft higher. Datum on Aug. 21, 1987, was lowered 2.00 ft; on April 26, 1996, 10.00 ft was added to gage datum. Floodway is bypassed by Socorro Main Canal North and since Oct. 1958 by conveyance channel.

REMARKS.--Water-discharge records fair except for those estimated, which are poor. Floodway is one of three channels (stations 08354500, 08354800) carrying flow in valley cross section. For combined monthly flow, in acre-feet, of floodway, conveyance channel, and Socorro Main Canal North, see tabulation below. Tabulation no longer computed because conveyance channel and Socorro Main Canal North have been discontinued. Diversions upstream from station for irrigation of about 760,000 acres; this includes Socorro Main Canal North, which bypasses station and irrigates about 8,600 acres. No flow at times.

AVERAGE DISCHARGE FOR PERIOD OF RECORD.--22 years (water years 1937-58), 1,192 $ft^3/s$, 863,000 acre-ft/yr, prior to construction of conveyance channel; does not include Socorro Main Canal North. 15 years (water years 1959-73), 911 $ft^3/s$, 660,000 acre-ft/yr, combined flow of floodway, conveyance channel and Socorro Main Canal North, prior to closure of Cochiti Dam. 30 years (water years 1974-2003), 1,354 $ft^3/s$, 980,970 acre-ft/yr, combined flow of floodway, conveyance channel, and Socorro Main Canal North, since closure of Cochiti Dam.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 27,400 $ft^3/s$, Aug. 5, 1936, gage height, 10.75 ft, site and datum then in use; no flow at times.

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**DISCHARGE, CUBIC FEET PER SECOND**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
**DAILY MEAN VALUES**
[e, estimated]

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 139 | e1,370 | e1,250 | 1,170 | e721 | e739 | 1,420 | 609 | 1,630 | 150 | 153 | 264 |
| 2 | 152 | e1,360 | e1,210 | 1,130 | e798 | e757 | 1,440 | 599 | 1,580 | 108 | 218 | 436 |
| 3 | 169 | e1,350 | e1,150 | 1,100 | e821 | e796 | 1,430 | 822 | 1,340 | 89 | 312 | 451 |
| 4 | 176 | e1,360 | e1,150 | 1,110 | e827 | e840 | 1,280 | 1,180 | 1,100 | 76 | 208 | 454 |
| 5 | 203 | e1,360 | e1,130 | 1,100 | e840 | e857 | 1,300 | 1,680 | 1,040 | 116 | 170 | e287 |
| 6 | 201 | e1,440 | e1,120 | 1,050 | e809 | e826 | 1,090 | 2,060 | 1,160 | 250 | 144 | e162 |
| 7 | 217 | e1,560 | e1,100 | 1,070 | e786 | e761 | 1,060 | 2,360 | 1,310 | 279 | 518 | 154 |
| 8 | 531 | e1,720 | e1,070 | 1,130 | e815 | e682 | 1,110 | 2,170 | 1,150 | 224 | 457 | 196 |
| 9 | 667 | e1,780 | e1,040 | 1,080 | e850 | 605 | 1,320 | 2,100 | e981 | 184 | 316 | 132 |
| 10 | 998 | e1,750 | e1,100 | 987 | e905 | 603 | 1,300 | 2,200 | e971 | 179 | 240 | 132 |
| 11 | 1,370 | e1,620 | e1,160 | 935 | 947 | 651 | 1,390 | 2,040 | e871 | 148 | 210 | 131 |
| 12 | 1,730 | e1,470 | e1,150 | 933 | 964 | 680 | 1,290 | 2,020 | e816 | 115 | 179 | 169 |
| 13 | 1,450 | e1,400 | e1,210 | 945 | 969 | 642 | 1,210 | 1,970 | e736 | 92 | 189 | 92 |
| 14 | 1,530 | e1,360 | e1,260 | 963 | e870 | 613 | 1,520 | 2,010 | 625 | 82 | 60 | 50 |
| 15 | 1,620 | e1,360 | e1,270 | 968 | e866 | 658 | 1,550 | 1,950 | 618 | 81 | 8.5 | 46 |
| 16 | 1,630 | e1,360 | e1,250 | 946 | e853 | 661 | 1,230 | 2,070 | 546 | 73 | e16 | 42 |
| 17 | 1,530 | e1,350 | e1,270 | e866 | e870 | 796 | 1,090 | 2,230 | 549 | 62 | 27 | 33 |
| 18 | 1,360 | e1,210 | e1,310 | e818 | e914 | 947 | 953 | 2,580 | 629 | 55 | 28 | 26 |
| 19 | 1,420 | e1,220 | e1,290 | e774 | 966 | 1,190 | 833 | 2,360 | 624 | 45 | 28 | 34 |
| 20 | 1,490 | e1,340 | 1,350 | e817 | 953 | 1,300 | 725 | 2,800 | 545 | 34 | 27 | 43 |
| 21 | 1,470 | e1,320 | 1,320 | e821 | 946 | 1,490 | 703 | 3,400 | 479 | 25 | 24 | 124 |
| 22 | 1,530 | e1,290 | 1,290 | e813 | 946 | 1,640 | 799 | 3,190 | e351 | 23 | 21 | 192 |
| 23 | 1,650 | e1,300 | 1,260 | e857 | e914 | 1,660 | 835 | 3,000 | e273 | 57 | 18 | 300 |
| 24 | 1,360 | e1,300 | 1,240 | e875 | e875 | 1,680 | 816 | 2,750 | e215 | e123 | 35 | 317 |
| 25 | 1,300 | e1,270 | 1,200 | e914 | e835 | 1,880 | 717 | 2,420 | e203 | 135 | 39 | 306 |
| 26 | 1,320 | e1,240 | 1,190 | 937 | e818 | 1,800 | 678 | 2,380 | 206 | 182 | 29 | 307 |
| 27 | 1,260 | e1,240 | 1,190 | 946 | e805 | 1,660 | 672 | 2,300 | 188 | 263 | 21 | 231 |
| 28 | 1,220 | e1,260 | 1,160 | 938 | e761 | 1,600 | 574 | 2,210 | 172 | 107 | 36 | 175 |
| 29 | 1,350 | e1,300 | 1,040 | e896 | --- | 1,520 | 541 | 2,070 | 150 | 58 | 37 | 157 |
| 30 | e1,300 | e1,270 | 1,020 | e780 | --- | 1,520 | 611 | 1,950 | 131 | 84 | 144 | 147 |
| 31 | e1,310 | --- | 1,060 | e730 | --- | 1,440 | --- | 1,810 | --- | 117 | 236 | --- |
| Total | 33,653 | 41,530 | 36,810 | 29,399 | 24,244 | 33,494 | 31,487 | 65,290 | 21,189 | 3,616 | 4,148.5 | 5,590 |
| Mean | 1,086 | 1,384 | 1,187 | 948 | 866 | 1,080 | 1,050 | 2,106 | 706 | 117 | 134 | 186 |
| Max | 1,730 | 1,780 | 1,350 | 1,170 | 969 | 1,880 | 1,550 | 3,400 | 1,630 | 279 | 518 | 454 |
| Min | 139 | 1,210 | 1,020 | 730 | 721 | 603 | 541 | 599 | 131 | 23 | 8.5 | 26 |
| Ac-ft | 66,750 | 82,370 | 73,010 | 58,310 | 48,090 | 66,440 | 62,450 | 129,500 | 42,030 | 7,170 | 8,230 | 11,090 |

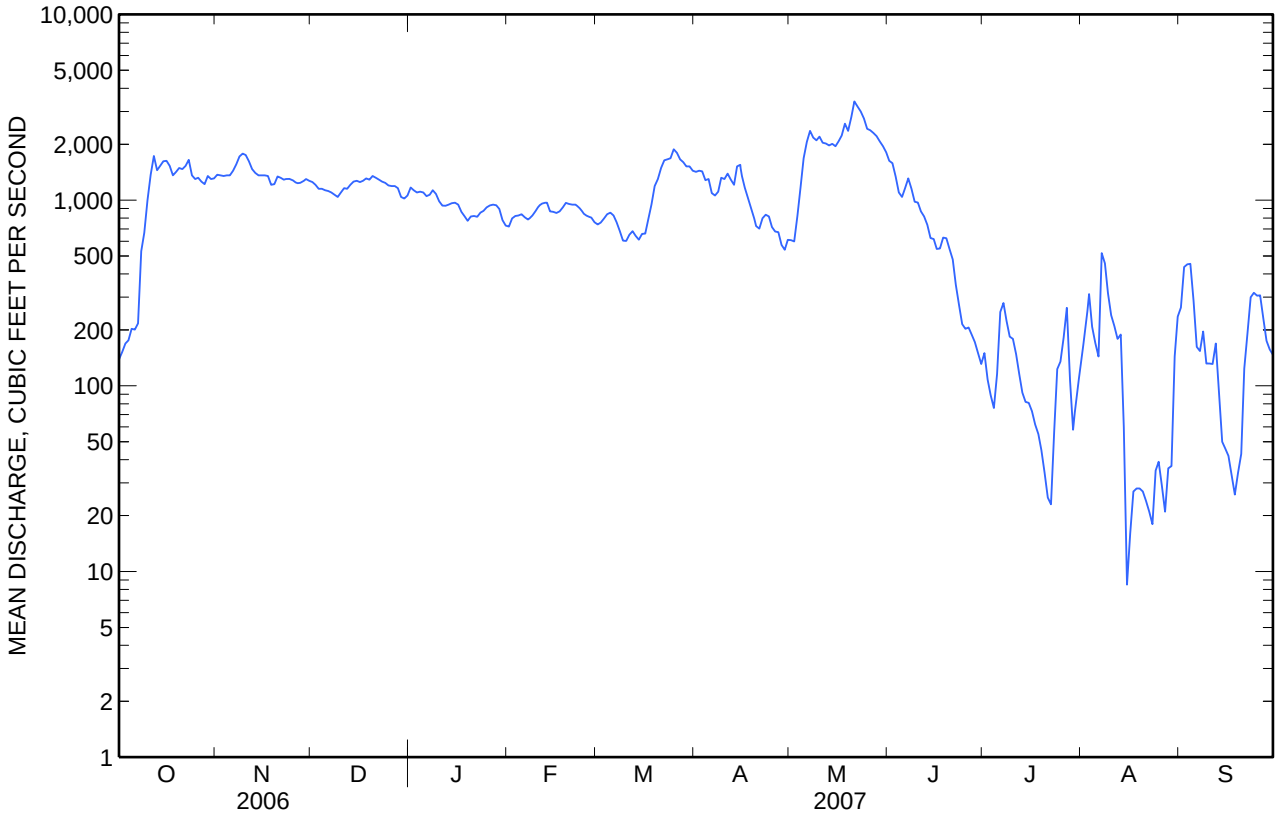
**STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1974 - 2007, BY WATER YEAR (WY)**

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean | 408 | 801 | 742 | 705 | 847 | 857 | 1,367 | 2,303 | 1,916 | 952 | 639 | 511 |
| Max | 1,892 | 2,645 | 2,209 | 2,626 | 3,849 | 3,106 | 5,761 | 6,085 | 5,453 | 4,312 | 3,462 | 2,095 |
| (WY) | (1987) | (1987) | (1987) | (1986) | (1986) | (1986) | (1985) | (1985) | (1983) | (1987) | (1986) | (1982) |
| Min | 4.94 | 1.60 | 0.13 | 0.28 | 0.17 | 5.03 | 15.8 | 12.6 | 6.01 | 6.99 | 4.18 | 2.37 |
| (WY) | (1980) | (1977) | (1979) | (1977) | (1977) | (1981) | (1978) | (1977) | (1977) | (1974) | (2003) | (2004) |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**SUMMARY STATISTICS**

| | Calendar Year 2006 | | Water Year 2007 | | Water Years 1974 - 2007 | |
|---|---|---|---|---|---|---|
| **Annual total** | 277,854 | | 330,450.5 | | | |
| **Annual mean** | 761 | | 905 | | 1,004 | |
| **Highest annual mean** | | | | | 2,523 | 1986 |
| **Lowest annual mean** | | | | | 23.6 | 1974 |
| **Highest daily mean** | 4,630 | Aug 10 | 3,400 | May 21 | 9,420 | May 4, 1985 |
| **Lowest daily mean** | 72 | Jul 25 | 8.5 | Aug 15 | 0.00 | Dec 28, 1976 |
| **Annual seven-day minimum** | 99 | Jul 20 | 23 | Aug 15 | 0.00 | Nov 9, 1978 |
| **Maximum peak flow** | | | 4,220 | Oct 8 | 27,400 | Aug 5, 1936 |
| **Maximum peak stage** | | | 18.05 | Oct 8 | 20.12 | Aug 1, 2006 |
| **Instantaneous low flow** | | | 2.2 | Aug 15 | 0.00 | Dec 28, 1976 |
| **Annual runoff (ac-ft)** | 551,100 | | 655,400 | | 727,200 | |
| **10 percent exceeds** | 1,530 | | 1,650 | | 2,970 | |
| **50 percent exceeds** | 575 | | 905 | | 578 | |
| **90 percent exceeds** | 157 | | 87 | | 5.6 | |



## WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1937-56, 1959 to current year.

PERIOD OF DAILY RECORD.--
SUSPENDED-SEDIMENT DISCHARGE: January 1959 to September 1985, October 1988 to September 1989, October 1996 to current year.

INSTRUMENTATION.--Automatic pumping sediment sampler.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SEDIMENT CONCENTRATION: Maximum daily mean, 141,000 mg/L, Aug. 10, 1959; minimum daily mean, no flow on many days.
SEDIMENT LOAD: Maximum daily, 528,000 tons, Aug. 28, 1972; minimum daily, 0 tons on many days.

EXTREMES FOR WATER YEAR 2006.-- SEDIMENT CONCENTRATION: Maximum daily mean, 41,800 mg/L, Aug. 7; minimum daily mean, 67 mg/L, May 9.
SEDIMENT LOAD: Maximum daily 163,000 tons, Aug.7; minimum daily, 94 tons, March 27.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Part 1 of 12

[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Time | Instantaneous discharge, cfs (00061) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Hardness, water, mg/L as CaCO3 (00900) | Bromide, water, unfltrd mg/L (63689) | Calcium water, fltrd, mg/L (00915) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | 1115 | 954 | 110 | 642 | 10.0 | 98 | 8.3 | 688 | 9.5 | 7.0 | 160 | E.150 | 49.7 |
| **31...** | 1115 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | 0920 | 718 | 130 | 648 | 8.4 | 98 | 8.2 | 468 | 18.0 | 15.0 | 130 | <.200 | 40.7 |
| **26...** | 0920 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | 1155 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | 1155 | 644 | 84 | 652 | 8.2 | 115 | 8.4 | 443 | 30.5 | 24.0 | 140 | <.200 | 45.1 |
| **Jul** | | | | | | | | | | | | | |
| **24...** | 1045 | 39 | 180 | 650 | 7.2 | 101 | 8.4 | 671 | 29.5 | 24.0 | 160 | E.160 | 49.2 |
| **24...** | 1045 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 2 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Magnesium, water, fltrd, mg/L (00925) | Potassium, water, fltrd, mg/L (00935) | Sodium adsorption ratio (00931) | Sodium, water, fltrd, mg/L (00930) | Sodium, bed sed <62.5um wet svd fld,tot ug/g (65178) | Alkalinity, wat flt fxd end lab, mg/L as CaCO3 (29801) | Alkalinity, wat flt inc tit field, mg/L as CaCO3 (39086) | Bicarbonate, wat flt incrm. titr., field, mg/L (00453) | Carbonate, wat flt incrm. titr., field, mg/L (00452) | Chloride, water, fltrd, mg/L (00940) | Fluoride, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L (00955) | Sulfate water, fltrd, mg/L (00945) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | 8.63 | 5.19 | 2.0 | 56.9 | -- | 146 | 134 | 162 | -- | 36.2 | .56 | 26.4 | 84.6 |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | 6.55 | 4.83 | 1.4 | 36.6 | -- | 123 | 123 | 147 | 2 | 23.7 | .48 | 22.8 | 57.8 |
| **26...** | -- | -- | -- | -- | 18,000 | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | 7.33 | 4.51 | 1.3 | 34.8 | -- | 127 | 135 | 160 | 2 | 17.3 | .49 | 19.7 | 69.0 |
| **Jul** | | | | | | | | | | | | | |
| **24...** | 8.93 | 4.73 | 1.7 | 49.7 | -- | 172 | 169 | E198 | E4 | 43.1 | .57 | 41.8 | 107 |
| **24...** | -- | -- | -- | -- | 17,000 | -- | -- | -- | -- | -- | -- | -- | -- |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 3 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Sulfur, bed sed <62.5um wet svd field, total, percent (34970) | Residue water, fltrd, sum of constituents mg/L (70301) | Ammonia + org-N, water, fltrd, mg/L as N (00623) | Ammonia + org-N, water, unfltrd mg/L as N (00625) | Ammonia water, fltrd, mg/L as N (00608) | Ammonia water, unfltrd mg/L as N (00610) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Orthophosphate, water, fltrd, mg/L as P (00671) | Phosphorus, water, fltrd, mg/L (00666) | Phosphorus, water, unfltrd mg/L (00665) | Total carbon, sedimnt <62.5um wsv nat field percent (49267) | Inorg. carbon, bed sed <62.5um wsv nat field percent (49269) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | 350 | .14 | .51 | E.010 | .540 | .34 | .003 | .269 | .290 | .46 | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | -- | 270 | .41 | .51 | <.020 | .100 | .45 | .003 | .178 | .194 | .33 | -- | -- |
| **26...** | <.05 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .51 | .39 |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | 281 | .38 | .61 | <.020 | E.072 | .37 | .003 | .133 | .140 | .299 | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | -- | 408 | .36 | .83 | <.020 | .150 | .24 | .006 | .113 | .132 | .357 | -- | -- |
| **24...** | .02 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .43 | .28 |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 4 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Organic carbon, bed sed <62.5um wsv nat field percent (49266) | E coli, m-TEC MF, water, col/ 100 mL (31633) | Alum-inum, water, fltrd, µg/L (01106) | Anti-mony, water, fltrd, µg/L (01095) | Arsenic water, fltrd, µg/L (01000) | Barium, water, fltrd, µg/L (01005) | Beryll-ium, water, fltrd, µg/L (01010) | Boron, water, fltrd, µg/L (01020) | Cadmium water, fltrd, µg/L (01025) | Chrom-ium, water, fltrd, µg/L (01030) | Cobalt water, fltrd, µg/L (01035) | Copper, water, fltrd, µg/L (01040) | Iron, water, fltrd, µg/L (01046) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | 330 | 2.6 | .11 | 5.5 | 84 | <.06 | 114 | E.02 | .18 | .22 | .75 | E3 |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | -- | 46 | 2.5 | .14 | 5.5 | 76 | <.06 | 91 | E.02 | E.11 | .20 | 1.6 | <6 |
| **26...** | .12 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | 150 | 3.6 | .14 | 4.0 | 73 | <.06 | 75 | .05 | E.08 | .17 | 1.7 | <6 |
| **Jul** | | | | | | | | | | | | | |
| **24...** | -- | 300 | 5.3 | .12 | 4.8 | 59 | <.06 | 119 | .04 | E.06 | .29 | 2.5 | E5 |
| **24...** | .15 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 5 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Lead, water, fltrd, µg/L (01049) | Mangan-ese, water, fltrd, µg/L (01056) | Mercury water, unfltrd recover -able, µg/L (71900) | Molyb-denum, water, fltrd, µg/L (01060) | Nickel, water, fltrd, µg/L (01065) | Selen-ium, water, fltrd, µg/L (01145) | Selen-ium, water, unfltrd µg/L (01147) | Silver, water, fltrd, µg/L (01075) | Zinc, water, fltrd, µg/L (01090) | Alum-inum, bed sed <62.5um wet svd fld,tot ug/g (65170) | Anti-mony, bed sed <62.5um wet svd fld,tot ug/g (34795) | Arsenic bed sed <62.5um wet svd field, total, ug/g (34800) | Barium, bed sed <62.5um wet svd field, total, ug/g (34805) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | <.12 | 13.2 | .019 | 5.9 | .84 | .23 | .26 | <.1 | 4.0 | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | <.12 | 2.3 | <.010 | 4.4 | .91 | .28 | .30 | <.1 | 1.6 | -- | -- | -- | -- |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 57,000 | .5 | 3.2 | 820 |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | .14 | .8 | .017 | 4.1 | .82 | .23 | .28 | <.1 | 4.3 | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | .17 | 20.2 | .014 | 5.2 | 1.3 | .20 | .26 | <.1 | 10.7 | -- | -- | -- | -- |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | 52,000 | .5 | 3.9 | 840 |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 6 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Beryll-ium, bed sed <62.5um wet svd fld,tot ug/g (34810) | Bismuth bed sed <177um wet svd field, total, ug/g (34816) | Cadmium bed sed <62.5um wet svd field, total, ug/g (34825) | Calcium bed sed <62.5um wet svd fld,tot ug/g (65171) | Cerium, bed sed <62.5um wet svd field, total, ug/g (34835) | Cesium, bed sed <62.5um wet svd fld,tot ug/g (65172) | Chrom-ium, bed sed <62.5um wet svd fld,tot ug/g (34840) | Cobalt, bed sed <62.5um wet svd field, total, ug/g (34845) | Copper, bed sed <62.5um wet svd field, total, ug/g (34850) | Gallium bed sed <62.5um wet svd field, total, ug/g (34860) | Iron, bed sed <62.5um wet svd fld,tot ug/g (65173) | Lantha-num, bed sed <62.5um wet svd fld,tot ug/g (34885) | Lead, bed sed <62.5um wet svd field, total, ug/g (34890) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **26...** | 1.2 | M | .1 | 22,000 | 40 | 2.40 | 25 | 7 | 10 | 11 | 20,000 | 22 | 13 |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **24...** | 1.1 | M | .1 | 25,000 | 42 | 2.30 | 38 | 8 | 12 | 11 | 23,000 | 23 | 13 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 7 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Lithium bed sed <62.5um wet svd field, total, ug/g (34895) | Mag-nesium, bed sed <62.5um wet svd fld,tot ug/g (65174) | Mangan-ese, bed sed <62.5um wet svd fld,tot ug/g (34905) | Molyb-denum, bed sed <62.5um wet svd fld,tot ug/g (34915) | Nickel, bed sed <62.5um wet svd field, total, ug/g (34925) | Niobium bed sed <62.5um wet svd field, total, ug/g (34930) | Phos-phorus, bed sed <62.5um wet svd fld,tot ug/g (65175) | Potas-sium, bed sed <62.5um wet svd fld,tot ug/g (65176) | Rubid-ium, bed sed <62.5um wet svd fld,tot ug/g (65177) | Scand-ium, bed sed <62.5um wet svd fld,tot ug/g (34945) | Selen-ium, bed sed <62.5um wet svd fld,tot ug/g (34950) | Silver, bed sed <62.5um wet svd field, total, ug/g (34955) | Stront-ium, bed sed <62.5um wet svd fld,tot ug/g (34965) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | .1 | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **26...** | 14 | 4,800 | 330 | .3 | 11 | 10 | 360 | 18,000 | 66.6 | 4 | 1.5 | <1.0 | 540 |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | <.1 | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **24...** | 14 | 4,800 | 430 | .4 | 13 | 11 | 470 | 19,000 | 64.7 | 6 | <.1 | <1.0 | 480 |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 8 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Thallium, bed sed <62.5um dry svd total, ug/g (04064) | Thorium bed sed <62.5um wet svd field, total, ug/g (34980) | Titanium, bed sed <62.5um wet svd fld,tot ug/g (65179) | Vanadium, bed sed <62.5um wet svd fld,tot ug/g (35005) | Yttrium bed sed <62.5um wet svd field, total, ug/g (35010) | Zinc, bed sed <62.5um wet svd field, total, ug/g (35020) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | CIAT, water, fltrd, µg/L (04040) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-HCH, water, fltrd, µg/L (34253) | Atrazine, water, fltrd, µg/L (39632) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | -- | -- | -- | -- | -- | -- | <.002 | <.014 | <.006 | <.005 | <.002 | <.007 | <.080 |
| **26...** | M | 5 | 2,700 | 59 | 16 | 38 | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | -- | -- | -- | -- | -- | -- | <.002 | <.014 | <.006 | <.005 | <.002 | <.007 | <.080 |
| **24...** | M | 6 | 3,000 | 67 | 17 | 44 | -- | -- | -- | -- | -- | -- | -- |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 9 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Butylate, water, fltrd, µg/L (04028) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | Cyanazine, water, fltrd, µg/L (04041) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dieldrin, water, fltrd, µg/L (39381) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | EPTC, water, fltrd 0.7u GF µg/L (82668) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | <.006 | <.002 | <.060 | <.020 | <.005 | <.010 | <.018 | <.003 | <.012 | <.005 | <.009 | <.02 | <.002 |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | <.006 | <.002 | <.060 | <.020 | <.005 | <.010 | <.018 | <.003 | <.012 | <.005 | <.009 | <.02 | <.002 |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 10 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Ethalflur-alin, water, fltrd 0.7u GF µg/L (82663) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Desulfinyl-fipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Lindane water, fltrd, µg/L (39341) | Linuron water, fltrd 0.7u GF µg/L (82666) | Malathion, water, fltrd, µg/L (39532) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | <.009 | <.012 | <.029 | <.013 | <.024 | <.016 | <.006 | <.004 | <.060 | <.016 | <.008 | <.010 | <.012 |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | <.009 | <.012 | <.029 | <.013 | <.024 | <.016 | <.006 | <.004 | <.060 | <.016 | <.008 | <.010 | <.012 |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 11 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Molinate, water, fltrd 0.7u GF µg/L (82671) | Napropamide, water, fltrd 0.7u GF µg/L (82684) | p,p'-DDE, water, fltrd, µg/L (34653) | Parathion, water, fltrd, µg/L (39542) | Pebulate, water, fltrd 0.7u GF µg/L (82669) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate water, fltrd 0.7u GF µg/L (82664) | Prometon, water, fltrd, µg/L (04037) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propachlor, water, fltrd, µg/L (04024) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **26...** | <.002 | <.018 | <.003 | <.010 | <.004 | <.020 | <.020 | <.01 | <.004 | <.010 | <.011 | <.02 | <.006 |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jul** | | | | | | | | | | | | | |
| **24...** | <.002 | <.018 | <.003 | <.010 | <.004 | <.020 | <.020 | E.01 | <.004 | <.010 | <.011 | <.02 | <.006 |
| **24...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**
Part 12 of 12
[Remark codes: <, less than; E, estimated; M, presence verified but not quantified.]

| Date | Tebu-thiuron water, fltrd 0.7u GF µg/L (82670) | Terba-cil, water, fltrd 0.7u GF µg/L (82665) | Terbu-fos, water, fltrd 0.7u GF µg/L (82675) | Thio-bencarb water, fltrd 0.7u GF µg/L (82681) | Tri-allate, water, fltrd 0.7u GF µg/L (82678) | Tri-flur-alin, water, fltrd 0.7u GF µg/L (82661) | Uranium natural water, fltrd, µg/L (22703) | Uranium bed sed <62.5um wet svd field, total, ug/g (35000) | Suspnd. sedi-ment, sieve diametr percent <.063mm (70331) | Sus-pended sedi-ment concen-tration mg/L (80154) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Jan** | | | | | | | | | | |
| **31...** | -- | -- | -- | -- | -- | -- | 2.45 | -- | 31 | 704 |
| **31...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | |
| **26...** | <.02 | <.040 | <.01 | <.010 | <.006 | <.006 | 2.06 | -- | 93 | 175 |
| **26...** | -- | -- | -- | -- | -- | -- | -- | 1.3 | -- | -- |
| **Jun** | | | | | | | | | | |
| **19...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | -- | -- | -- | -- | 1.72 | -- | 90 | 168 |
| **Jul** | | | | | | | | | | |
| **24...** | <.02 | <.040 | <.01 | <.010 | <.006 | <.006 | 1.78 | -- | 100 | 347 |
| **24...** | -- | -- | -- | -- | -- | -- | -- | 1.5 | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 1 of 6

| Date | Time | Medium code | Agency analyzing sample, code (00028) | Gage height, feet (00065) | Mean stream depth, feet (00064) | Instantaneous discharge, cfs (00061) | Stream velocity, ft/s (00055) | Stream width, feet (00004) | Turbdty white light, det ang 90+/-30 corrctd NTRU (63676) | Turbidity, IR LED light, det ang 90 deg, FNU (63680) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **11...** | 1545 | 9 | 1028 | 16.05 | 2.1 | 1,650 | 4.80 | 165 | -- | -- | 645 | 8.2 | 100 |
| **11...** | 1600 | 9 | 80020 | 16.05 | 2.1 | 1,650 | 4.80 | 165 | 9,250 | -- | 645 | 8.2 | 100 |
| **11...** | 1615 | H | 1028 | 16.05 | 2.1 | 1,650 | 4.80 | 165 | -- | -- | -- | -- | -- |
| **Nov** | | | | | | | | | | | | | |
| **28...** | 1510 | 9 | 80020 | 16.11 | 3.8 | 1,400 | 4.68 | 78.0 | 200 | 180 | 635 | 10.8 | |
| **28...** | 1530 | 9 | -- | 16.11 | 3.8 | 1,400 | 4.68 | 78.0 | -- | 180 | 635 | 10.8 | 114 |
| **28...** | 1600 | H | -- | 16.11 | 3.8 | 1,400 | 4.68 | 78.0 | -- | -- | -- | -- | -- |
| **Dec** | | | | | | | | | | | | | |
| **20...** | 1530 | 9 | 80020 | 15.37 | 3.5 | 1,310 | 3.20 | 116 | 190 | 140 | 637 | 11.0 | 102 |
| **20...** | 1540 | 9 | -- | 15.37 | 3.5 | 1,310 | 3.20 | 116 | -- | 140 | 637 | 11.0 | 102 |
| **20...** | 1635 | H | -- | 15.37 | 3.5 | 1,310 | 3.20 | 116 | -- | -- | -- | -- | -- |
| **Mar** | | | | | | | | | | | | | |
| **08...** | 1415 | H | -- | 14.12 | 2.1 | 627 | 2.19 | 134 | -- | -- | -- | -- | -- |
| **08...** | 1430 | 9 | -- | 14.12 | 2.1 | 627 | 2.19 | 134 | 110 | -- | 645 | 9.0 | 101 |
| **08...** | 1445 | 9 | -- | 14.12 | 2.1 | 627 | 2.19 | 134 | -- | -- | 645 | 9.0 | 101 |
| **Apr** | | | | | | | | | | | | | |
| **19...** | 0900 | H | -- | 13.92 | 2.7 | 874 | 2.32 | 139 | -- | -- | -- | -- | -- |
| **19...** | 0915 | 9 | -- | 13.92 | 2.7 | 874 | 2.32 | 139 | 440 | -- | 644 | 8.3 | 96 |
| **19...** | 0935 | 9 | -- | 13.92 | 2.7 | 874 | 2.32 | 139 | -- | -- | 644 | 8.3 | 96 |
| **May** | | | | | | | | | | | | | |
| **11...** | 0830 | 9 | -- | 15.41 | -- | 2,030 | -- | 124 | 1,190 | -- | 652 | 8.5 | 108 |
| **11...** | 1010 | 9 | -- | 15.41 | 5.2 | 2,030 | 3.16 | 124 | -- | -- | 652 | 8.5 | 108 |
| **11...** | 1030 | H | -- | 15.41 | 5.2 | 2,030 | 3.16 | 124 | -- | -- | -- | -- | -- |
| **23...** | 1000 | 9 | -- | 15.93 | 6.0 | 2,990 | 3.72 | 134 | 950 | -- | 645 | 7.8 | 100 |
| **23...** | 1015 | 9 | -- | 15.93 | 6.0 | 2,990 | 3.72 | 134 | -- | -- | 645 | 7.8 | 100 |
| **23...** | 1120 | H | -- | 15.93 | 6.0 | 2,990 | 3.72 | 134 | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **13...** | 1130 | 9 | -- | 12.19 | 2.4 | 711 | 1.94 | 150 | 110 | -- | 648 | 8.2 | 109 |
| **13...** | 1200 | H | -- | 12.19 | 2.4 | 711 | 1.94 | 150 | -- | -- | -- | -- | -- |
| **13...** | 1230 | 9 | -- | 12.19 | 2.4 | 711 | 1.94 | 150 | -- | -- | 648 | 8.2 | 109 |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 2 of 6

| Date | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, air, deg C (00020) | Temper-ature, water, deg C (00010) | Suspnd. sedi-ment, falldia dst wat percent <.002mm (70337) | Suspnd. sedi-ment, falldia dst wat percent <.004mm (70338) | Suspnd. sedi-ment, falldia dst wat percent <.008mm (70339) | Suspnd. sedi-ment, falldia dst wat percent <.016mm (70340) | Suspnd. sedi-ment, falldia dst wat percent <.063mm (70342) | Suspnd. sedi-ment, falldia dst wat percent <.125mm (70343) | Suspnd. sedi-ment, falldia dst wat percent <.25mm (70344) | Suspnd. sedi-ment, falldia dst wat percent <.5 mm (70345) | Suspnd. sedi-ment, sieve diametr percent <.063mm (70331) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **11...** | 8.0 | 767 | 23.5 | 16.8 | 38 | 46 | 56 | 63 | 76 | 90 | 94 | 96 | -- |
| **11...** | 8.0 | 767 | 23.5 | 16.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | -- | -- | 23.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Nov** | | | | | | | | | | | | | |
| **28...** | 8.1 | 646 | 12.9 | 9.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **28...** | 8.1 | 646 | 12.9 | 9.4 | 10 | 12 | 14 | 18 | 26 | 44 | 85 | 99 | -- |
| **28...** | -- | -- | 12.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Dec** | | | | | | | | | | | | | |
| **20...** | 8.3 | 535 | -- | 4.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **20...** | 8.3 | 535 | -- | 4.5 | -- | -- | -- | -- | 18 | 28 | 46 | 85 | -- |
| **20...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Mar** | | | | | | | | | | | | | |
| **08...** | -- | -- | 19.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **08...** | 7.6 | 483 | 19.0 | 13.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **08...** | 7.6 | 483 | 19.0 | 13.0 | -- | -- | -- | -- | 76 | 83 | 90 | 100 | -- |
| **Apr** | | | | | | | | | | | | | |
| **19...** | -- | -- | 9.8 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | 7.4 | 445 | 9.8 | 14.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | 7.4 | 445 | 9.8 | 14.0 | 66 | 80 | 82 | 88 | 92 | 94 | 98 | 100 | -- |
| **May** | | | | | | | | | | | | | |
| **11...** | -- | 393 | 20.0 | 19.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | -- | 393 | 20.0 | 19.0 | 34 | 42 | 46 | 51 | 58 | 60 | 63 | 77 | -- |
| **11...** | -- | -- | 20.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **23...** | 7.6 | 402 | 26.6 | 19.0 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **23...** | 7.6 | 402 | 26.6 | 19.0 | 44 | 53 | 63 | 69 | 82 | 92 | 96 | 100 | -- |
| **23...** | -- | -- | 26.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Jun** | | | | | | | | | | | | | |
| **13...** | 8.2 | 422 | 30.4 | 21.1 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **13...** | -- | -- | 30.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **13...** | 8.2 | 422 | 30.4 | 21.1 | -- | -- | -- | -- | 86 | 92 | 100 | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 3 of 6

| Date | Suspnd. sedi-ment, sieve diametr percent <1 mm (70335) | Suspnd. sedi-ment, sieve diametr percent <2 mm (70336) | Sus-pended sedi-ment concen-tration mg/L (80154) | Bed sedi-ment, dry svd sve dia percent <.063mm (80164) | Bed sedi-ment, dry svd sve dia percent <.125mm (80165) | Bed sedi-ment, dry svd sve dia percent <.25mm (80166) | Bed sedi-ment, dry svd sve dia percent <.5 mm (80167) | Bed sedi-ment, dry svd sve dia percent <1 mm (80168) | Bed sedi-ment, dry svd sve dia percent <2 mm (80169) | Bed sedi-ment, dry svd sve dia percent <4 mm (80170) | Bed sedi-ment, dry svd sve dia percent <8 mm (80171) | Bed sedi-ment, dry svd sve dia percent <16 mm (80172) | Bed sedi-ment, dry svd sve dia percent <63mm (69046) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Oct** | | | | | | | | | | | | | |
| **11...** | 100 | -- | 15,700 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | -- | -- | 16,500 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | -- | -- | -- | 1 | 17 | 75 | 97 | 100 | -- | -- | -- | -- | -- |
| **Nov** | | | | | | | | | | | | | |
| **28...** | -- | -- | 1,210 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **28...** | 100 | -- | 1,370 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **28...** | -- | -- | -- | 0 | 1 | 16 | 83 | 97 | 99 | 100 | -- | -- | -- |
| **Dec** | | | | | | | | | | | | | |
| **20...** | -- | -- | 1,730 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **20...** | 100 | -- | 2,370 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **20...** | -- | -- | -- | 0 | 2 | 25 | 84 | 96 | 97 | 97 | 98 | 100 | -- |
| **Mar** | | | | | | | | | | | | | |
| **08...** | -- | -- | -- | 0 | 0 | 14 | 56 | 83 | 91 | 94 | 97 | 100 | -- |
| **08...** | -- | -- | 273 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **08...** | -- | -- | 305 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **Apr** | | | | | | | | | | | | | |
| **19...** | -- | -- | -- | 0 | 1 | 13 | 51 | 72 | 84 | 93 | 99 | 100 | -- |
| **19...** | -- | -- | 615 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **19...** | -- | -- | 606 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **May** | | | | | | | | | | | | | |
| **11...** | -- | -- | 1,400 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | 92 | 99 | 2,250 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **11...** | -- | -- | -- | 0 | 3 | 15 | 40 | 61 | 68 | 75 | 83 | 100 | -- |
| **23...** | -- | -- | 1,940 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **23...** | -- | -- | 1,840 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **23...** | -- | -- | -- | 0 | 3 | 22 | 62 | 75 | 78 | 81 | 84 | 88 | 100 |
| **Jun** | | | | | | | | | | | | | |
| **13...** | -- | -- | 214 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **13...** | -- | -- | -- | 0 | 2 | 14 | 51 | 75 | 84 | 90 | 95 | 100 | -- |
| **13...** | -- | -- | 225 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 4 of 6

| Date | Time | Medium code | Gage height, feet (00065) | Mean stream depth, feet (00064) | Instantaneous discharge, cfs (00061) | Stream velocity, ft/s (00055) | Stream width, feet (00004) | Turbdty white light, det ang 90+/-30 corrctd NTRU (63676) | Barometric pressure, mm Hg (00025) | Dissolved oxygen, mg/L (00300) | Dissolved oxygen, percent of saturation (00301) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | | | | | | |
| **05...** | 1330 | 9 | 9.55 | .99 | 112 | 2.37 | 48.0 | 180 | 651 | 7.5 | 110 | 8.5 | 545 |
| **05...** | 1340 | 9 | 9.55 | .99 | 112 | 2.37 | 48.0 | -- | 651 | 7.5 | 110 | 8.5 | 545 |
| **05...** | 1345 | H | 9.55 | .99 | 112 | 2.37 | 48.0 | -- | -- | -- | -- | -- | -- |
| **16...** | 1615 | 9 | 9.37 | .94 | 69 | 1.08 | 68.0 | 470 | 653 | 6.8 | 104 | 8.5 | 748 |
| **16...** | 1625 | H | 9.37 | .94 | 69 | 1.08 | 68.0 | -- | -- | -- | -- | -- | -- |
| **16...** | 1635 | 9 | 9.37 | .94 | 69 | 1.08 | 68.0 | -- | 653 | 6.8 | 104 | 8.5 | 748 |
| **Aug** | | | | | | | | | | | | | |
| **15...** | 1545 | 9 | 8.45 | .44 | 4.7 | .53 | 20.0 | 1,210 | 654 | 6.1 | 90 | 8.2 | 1,060 |
| **15...** | 1615 | 9 | 8.45 | .44 | 4.7 | .53 | 20.0 | -- | 654 | 6.1 | 90 | 8.2 | 1,060 |
| **15...** | 1645 | H | 8.45 | .44 | 4.7 | .53 | 20.0 | -- | -- | -- | -- | -- | -- |
| **Sep** | | | | | | | | | | | | | |
| **06...** | 1710 | 9 | 9.75 | 1.5 | 152 | 1.49 | 67.0 | 6,180 | 654 | 7.3 | 97 | 8.1 | 672 |
| **06...** | 1720 | 9 | 9.75 | 1.5 | 152 | 1.49 | 67.0 | -- | 654 | 7.3 | 97 | 8.1 | 672 |
| **06...** | 1735 | H | 9.75 | 1.5 | 152 | 1.49 | 67.0 | -- | -- | -- | -- | -- | -- |
| **26...** | 1105 | 9 | 10.40 | -- | 310 | -- | 90.0 | -- | -- | -- | -- | -- | -- |
| **26...** | 1115 | 9 | 10.40 | -- | 310 | -- | 90.0 | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 5 of 6

| Date | Temperature, air, deg C (00020) | Temperature, water, deg C (00010) | Suspnd. sediment, falldia dst wat percent <.002mm (70337) | Suspnd. sediment, falldia dst wat percent <.004mm (70338) | Suspnd. sediment, falldia dst wat percent <.008mm (70339) | Suspnd. sediment, falldia dst wat percent <.016mm (70340) | Suspnd. sediment, falldia dst wat percent <.063mm (70342) | Suspnd. sediment, falldia dst wat percent <.125mm (70343) | Suspnd. sediment, falldia dst wat percent <.25mm (70344) | Suspnd. sediment, sieve diametr percent <.063mm (70331) | Suspended sediment concentration mg/L (80154) | Bed sediment, dry svd sve dia percent <.063mm (80164) | Bed sediment, dry svd sve dia percent <.125mm (80165) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | | | | | | |
| **05...** | 27.5 | 26.5 | -- | -- | -- | -- | -- | -- | -- | -- | 120 | -- | -- |
| **05...** | 27.5 | 26.5 | -- | -- | -- | -- | 98 | 99 | 100 | -- | 179 | -- | -- |
| **05...** | 27.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 1 |
| **16...** | -- | 28.8 | -- | -- | -- | -- | -- | -- | -- | -- | 437 | -- | -- |
| **16...** | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 1 | 1 |
| **16...** | -- | 28.8 | 90 | 93 | 97 | 99 | 99 | 100 | -- | -- | 416 | -- | -- |
| **Aug** | | | | | | | | | | | | | |
| **15...** | 35.9 | 27.0 | -- | -- | -- | -- | -- | -- | -- | -- | 1,080 | -- | -- |
| **15...** | 35.9 | 27.0 | 82 | 95 | 97 | 99 | 100 | -- | -- | -- | 1,140 | -- | -- |
| **15...** | 35.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 0 | 1 |
| **Sep** | | | | | | | | | | | | | |
| **06...** | 23.5 | 21.5 | -- | -- | -- | -- | -- | -- | -- | -- | 8,420 | -- | -- |
| **06...** | 23.5 | 21.5 | 73 | 79 | 94 | 96 | 100 | -- | -- | -- | 7,140 | -- | -- |
| **06...** | 23.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 6 | 23 |
| **26...** | 21.9 | 20.2 | -- | -- | -- | -- | -- | -- | -- | -- | 1,550 | -- | -- |
| **26...** | 21.9 | 20.2 | -- | -- | -- | -- | -- | -- | -- | -- | 1,530 | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Part 6 of 6

| Date | Bed sedi-ment, dry svd sve dia percent <.25mm (80166) | Bed sedi-ment, dry svd sve dia percent <.5 mm (80167) | Bed sedi-ment, dry svd sve dia percent <1 mm (80168) | Bed sedi-ment, dry svd sve dia percent <2 mm (80169) | Bed sedi-ment, dry svd sve dia percent <4 mm (80170) | Bed sedi-ment, dry svd sve dia percent <8 mm (80171) | Bed sedi-ment, dry svd sve dia percent <16 mm (80172) | Bed sedi-ment, dry svd sve dia percent <63mm (69046) |
|---|---|---|---|---|---|---|---|---|
| **Jul** | | | | | | | | |
| **05...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **05...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **05...** | 5 | 20 | 28 | 33 | 40 | 51 | 64 | 100 |
| **16...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **16...** | 9 | 26 | 34 | 40 | 46 | 56 | 69 | 100 |
| **16...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **Aug** | | | | | | | | |
| **15...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **15...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **15...** | 2 | 6 | 12 | 18 | 25 | 36 | 53 | 100 |
| **Sep** | | | | | | | | |
| **06...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **06...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **06...** | 45 | 62 | 67 | 71 | 75 | 81 | 100 | -- |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- |
| **26...** | -- | -- | -- | -- | -- | -- | -- | -- |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**SUSPENDED-SEDIMENT**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

| Day | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | October | | November | | December | | January | | February | | March | |
| 1 | 11,700 | 43,600 | 4,560 | 5,770 | 1,030 | 2,730 | 236 | 544 | 147 | 236 | 179 | 253 |
| 2 | 16,800 | 58,300 | 7,410 | 12,100 | 1,680 | 4,240 | 217 | 467 | 152 | 251 | 167 | 214 |
| 3 | 5,160 | 13,200 | 5,700 | 10,700 | 1,510 | 3,850 | 222 | 471 | 171 | 293 | 222 | 247 |
| 4 | 1,640 | 2,260 | 5,880 | 11,800 | 1,210 | 2,900 | 205 | 436 | 166 | 290 | 187 | 196 |
| 5 | 1,260 | 1,260 | 7,660 | 15,800 | 836 | 1,970 | 229 | 483 | 172 | 302 | 266 | 306 |
| 6 | 824 | 744 | 6,760 | 13,900 | 658 | 1,490 | 210 | 469 | 166 | 288 | 1,060 | 1,230 |
| 7 | 547 | 567 | 5,510 | 10,600 | 573 | 1,270 | 224 | 519 | 140 | 250 | 757 | 856 |
| 8 | 404 | 379 | 5,520 | 10,700 | 580 | 1,370 | 240 | 527 | 133 | 238 | 935 | 940 |
| 9 | 367 | 307 | 5,790 | 11,300 | 554 | 1,310 | 215 | 401 | 130 | 233 | 1,050 | 972 |
| 10 | 1,190 | 1,090 | 4,350 | 8,490 | 392 | 829 | 204 | 365 | 136 | 245 | 950 | 805 |
| 11 | 709 | 848 | 4,830 | 9,520 | 298 | 527 | 197 | 346 | 134 | 238 | 808 | 676 |
| 12 | 418 | 526 | 3,800 | 7,600 | 306 | 506 | 177 | 304 | 134 | 237 | 666 | 632 |
| 13 | 616 | 743 | 3,400 | 6,930 | 267 | 430 | 172 | 290 | 133 | 233 | 525 | 489 |
| 14 | 519 | 563 | 3,130 | 6,820 | 220 | 348 | 161 | 255 | 142 | 251 | 383 | 289 |
| 15 | 441 | 414 | 3,030 | 6,730 | 312 | 676 | 166 | 261 | 151 | 264 | 241 | 142 |
| 16 | 807 | 726 | 2,820 | 6,370 | 424 | 1,080 | 174 | 258 | 139 | 226 | 107 | 52 |
| 17 | 736 | 896 | 2,670 | 6,610 | 335 | 808 | 153 | 221 | 139 | 220 | 48 | 23 |
| 18 | 963 | 1,200 | 3,020 | 7,690 | 269 | 619 | 141 | 204 | 141 | 233 | 34 | 16 |
| 19 | 1,180 | 1,170 | 2,820 | 7,590 | 229 | 458 | 136 | 195 | 141 | 236 | 31 | 15 |
| 20 | 767 | 863 | 2,510 | 6,830 | 216 | 422 | 145 | 210 | 132 | 221 | 33 | 16 |
| 21 | 647 | 798 | 2,240 | 6,010 | 200 | 391 | 129 | 187 | 129 | 216 | 28 | 13 |
| 22 | 872 | 1,090 | 1,890 | 5,110 | 215 | 419 | 132 | 194 | 129 | 217 | 24 | 11 |
| 23 | 1,090 | 1,070 | 1,680 | 4,550 | 207 | 406 | 152 | 236 | 121 | 204 | 21 | 9.9 |
| 24 | 749 | 598 | 1,480 | 4,070 | 215 | 425 | 143 | 230 | 162 | 268 | 17 | 7.9 |
| 25 | 518 | 369 | 1,310 | 3,520 | 226 | 468 | 134 | 218 | 400 | 669 | 16 | 7.4 |
| 26 | 442 | 250 | 1,250 | 3,340 | 207 | 433 | 134 | 207 | 234 | 397 | 19 | 9.1 |
| 27 | 390 | 207 | 1,230 | 3,290 | 201 | 413 | 136 | 212 | 186 | 317 | 20 | 9.1 |
| 28 | 313 | 131 | 1,270 | 3,320 | 198 | 410 | 170 | 266 | 179 | 289 | 18 | 7.9 |
| 29 | 304 | 109 | 1,150 | 2,990 | 198 | 417 | 172 | 266 | --- | --- | 17 | 7.5 |
| 30 | 272 | 94 | 1,140 | 3,050 | 246 | 572 | 163 | 255 | --- | --- | 21 | 9.1 |
| 31 | 612 | 288 | --- | --- | 232 | 548 | 155 | 242 | --- | --- | 31 | 12 |
| Total | --- | 134,660 | --- | 223,100 | --- | 32,735 | --- | 9,739 | --- | 7,562 | --- | 8,472.9 |

**08354900 RIO GRANDE FLOODWAY AT SAN ACACIA, NM—Continued**

**SUSPENDED-SEDIMENT**
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

| Day | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) | Mean concen-tration (mg/L) | Sediment discharge (tons/day) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | April | | May | | June | | July | | August | | September | |
| 1 | 23 | 9.6 | 31 | 15 | 64 | 33 | 551 | 525 | 48,500 | 451,000 | 16,400 | 25,500 |
| 2 | 22 | 9.4 | 31 | 15 | 59 | 30 | 261 | 199 | 39,100 | 295,000 | 13,200 | 17,800 |
| 3 | 26 | 11 | 33 | 15 | 63 | 33 | 225 | 127 | 36,300 | 219,000 | 10,100 | 9,890 |
| 4 | 25 | 11 | 30 | 14 | 63 | 32 | 133 | 60 | 42,300 | 433,000 | 6,920 | 6,790 |
| 5 | 29 | 12 | 31 | 14 | 66 | 34 | 190 | 116 | 28,600 | 283,000 | 3,790 | 1,770 |
| 6 | 33 | 13 | 31 | 14 | 80 | 41 | 1,910 | 16,000 | 20,800 | 122,000 | 2,570 | 1,340 |
| 7 | 26 | 9.9 | 35 | 16 | 75 | 38 | 19,400 | 35,200 | 36,600 | 400,000 | 2,700 | 1,930 |
| 8 | 26 | 10 | 34 | 16 | 59 | 30 | 21,100 | 52,400 | 23,500 | 278,000 | 2,830 | 2,640 |
| 9 | 25 | 10 | 34 | 16 | 59 | 30 | 24,100 | 94,800 | 26,700 | 245,000 | 3,540 | 3,470 |
| 10 | 30 | 12 | 33 | 15 | 59 | 31 | 20,400 | 55,100 | 22,600 | 282,000 | 9,070 | 17,000 |
| 11 | 38 | 15 | 46 | 21 | 61 | 31 | 12,000 | 24,400 | 21,200 | 240,000 | 8,810 | 16,100 |
| 12 | 31 | 13 | 41 | 20 | 63 | 32 | 13,700 | 22,100 | 14,200 | 92,400 | 7,000 | 10,900 |
| 13 | 26 | 12 | 40 | 20 | 64 | 32 | 15,100 | 29,500 | 14,600 | 49,400 | 5,230 | 7,230 |
| 14 | 35 | 16 | 41 | 21 | 83 | 42 | 17,000 | 18,500 | 15,800 | 61,900 | 4,080 | 3,970 |
| 15 | 45 | 22 | 57 | 29 | 83 | 42 | 15,700 | 10,200 | 16,500 | 85,600 | 5,800 | 3,730 |
| 16 | 45 | 22 | 73 | 35 | 74 | 36 | 15,400 | 8,430 | 35,600 | 250,000 | 13,300 | 6,750 |
| 17 | 53 | 26 | 89 | 42 | 69 | 34 | 15,300 | 5,620 | 28,500 | 212,000 | 10,000 | 4,510 |
| 18 | 78 | 43 | 60 | 28 | 66 | 32 | 15,700 | 4,890 | 27,800 | 206,000 | 20,000 | 6,430 |
| 19 | 105 | 50 | 62 | 29 | 68 | 32 | 18,100 | 8,250 | 26,700 | 154,000 | 11,300 | 2,980 |
| 20 | 80 | 40 | 47 | 21 | 69 | 31 | 17,000 | 4,990 | 41,800 | 288,000 | 5,170 | 1,450 |
| 21 | 71 | 33 | 71 | 31 | 73 | 31 | 16,600 | 4,210 | 24,100 | 109,000 | 3,580 | 1,110 |
| 22 | 56 | 26 | 58 | 25 | 63 | 25 | 16,300 | 3,830 | 36,200 | 218,000 | 2,720 | 995 |
| 23 | 55 | 26 | 56 | 22 | 56 | 21 | 16,100 | 3,890 | 21,000 | 152,000 | 2,300 | 862 |
| 24 | 43 | 20 | 54 | 21 | 58 | 21 | 15,900 | 3,600 | 27,700 | 238,000 | 2,140 | 907 |
| 25 | 43 | 20 | 57 | 24 | 67 | 22 | 15,600 | 3,040 | 24,000 | 192,000 | 2,720 | 1,490 |
| 26 | 39 | 19 | 50 | 22 | 71 | 23 | 21,500 | 9,530 | 35,100 | 259,000 | 2,450 | 1,280 |
| 27 | 47 | 22 | 57 | 25 | 157 | 82 | 27,300 | 24,300 | 63,700 | 359,000 | 1,630 | 843 |
| 28 | 59 | 28 | 71 | 33 | 243 | 174 | 47,400 | 77,700 | 42,400 | 202,000 | 2,410 | 1,330 |
| 29 | 39 | 18 | 61 | 28 | 566 | 1,140 | 41,800 | 88,300 | 25,600 | 100,000 | 1,880 | 1,040 |
| 30 | 31 | 15 | 58 | 27 | 768 | 1,210 | 40,500 | 97,800 | 22,600 | 73,600 | 1,910 | 1,030 |
| 31 | --- | --- | 59 | 29 | --- | --- | 42,700 | 130,000 | 19,500 | 48,800 | --- | --- |
| Total | --- | 593.9 | --- | 703 | --- | 3,425 | --- | 837,607 | --- | 6,598,700 | --- | 163,067 |