

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California

[All values rounded to the nearest whole number; because of rounding, all values may not add to totals. See figure 7 for location of the RCHRES. Units in acre-feet. —, no data available]

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for channel reach 1													
1950	978.00	1,810.00	2,450.00	3,620.00	2,750.00	914.00	893.00	316.00	0.00	28.00	55.90	457.00	14,300.00
1951	70.30	1,790.00	91.40	2,810.00	1,530.00	879.00	2,570.00	450.00	0.00	1,560.00	359.00	176.00	12,300.00
1952	1,010.00	942.00	10,200.00	4,860.00	830.00	6,250.00	2,580.00	0.00	49.30	957.00	14.40	63.40	27,800.00
1953	0.00	3,350.00	2,810.00	1,830.00	738.00	1,410.00	1,550.00	633.00	0.00	246.00	626.00	0.00	13,200.00
1954	246.00	929.00	809.00	5,880.00	2,260.00	6,390.00	120.00	14.40	84.70	921.00	134.00	429.00	18,200.00
1955	0.00	1,050.00	1,570.00	4,110.00	3,130.00	35.00	535.00	1,270.00	0.00	929.00	2,550.00	0.00	15,200.00
1956	0.00	1,270.00	2,010.00	5,580.00	858.00	0.00	1,740.00	401.00	0.00	246.00	0.00	0.00	12,100.00
1957	63.30	0.00	795.00	6,300.00	914.00	1,740.00	1,170.00	3,190.00	682.00	91.40	70.30	0.00	15,000.00
1958	2,830.00	1,810.00	2,170.00	2,290.00	4,340.00	8,300.00	4,870.00	183.00	0.00	0.00	0.00	1,390.00	28,200.00
1959	246.00	316.00	6.98	724.00	5,270.00	0.00	253.00	120.00	0.00	91.40	668.00	1,130.00	8,830.00
1960	949.00	949.00	3,580.00	2,250.00	3,980.00	738.00	1,460.00	204.00	0.00	55.90	141.00	802.00	15,100.00
1961	520.00	1,030.00	331.00	963.00	0.00	1,600.00	155.00	302.00	0.00	35.00	830.00	0.00	5,760.00
1962	422.00	1,240.00	2,070.00	2,250.00	5,650.00	1,920.00	0.00	1,230.00	147.00	0.00	0.00	619.00	15,600.00
1963	619.00	77.30	499.00	661.00	3,310.00	2,130.00	2,570.00	0.00	0.00	0.00	218.00	2,750.00	12,800.00
1964	978.00	3,530.00	190.00	3,030.00	710.00	3,590.00	2,600.00	949.00	0.00	485.00	0.00	830.00	16,900.00
1965	260.00	2,090.00	2,950.00	1,050.00	1,340.00	2,320.00	5,300.00	14.40	0.00	781.00	528.00	380.00	17,000.00
1966	70.30	9,560.00	4,230.00	1,130.00	1,880.00	731.00	211.00	14.40	0.00	204.00	55.90	401.00	18,500.00
1967	577.00	1,060.00	12,700.00	2,840.00	0.00	3,120.00	3,470.00	331.00	35.00	1,410.00	1,370.00	1,060.00	28,000.00
1968	0.00	2,050.00	2,680.00	1,160.00	548.00	1,880.00	2,090.00	718.00	0.00	1,740.00	77.30	0.00	12,900.00
1969	253.00	668.00	2,200.00	12,400.00	8,860.00	2,360.00	970.00	753.00	0.00	155.00	0.00	366.00	29,000.00
1970	134.00	1,700.00	302.00	1,600.00	963.00	5,220.00	718.00	0.00	0.00	485.00	2,250.00	35.00	13,400.00
1971	98.30	2,900.00	4,540.00	1,730.00	710.00	619.00	1,330.00	1,460.00	0.00	570.00	105.00	35.00	14,100.00
1972	1,120.00	274.00	6,150.00	35.00	858.00	0.00	450.00	296.00	1,500.00	55.90	865.00	77.30	11,700.00
1973	520.00	2,560.00	3,210.00	2,930.00	4,330.00	5,530.00	331.00	218.00	0.00	0.00	429.00	0.00	20,100.00
1974	253.00	2,180.00	415.00	5,900.00	218.00	2,480.00	1,480.00	63.30	0.00	710.00	302.00	0.00	14,000.00
1975	2,150.00	105.00	1,490.00	105.00	1,870.00	5,040.00	2,340.00	527.00	0.00	98.30	0.00	1,110.00	14,800.00
1976	830.00	1,760.00	352.00	0.00	5,430.00	2,200.00	1,290.00	1,280.00	6.98	464.00	0.00	5,840.00	19,500.00
1977	211.00	640.00	1,770.00	2,460.00	795.00	1,810.00	218.00	3,350.00	176.00	6.98	2,260.00	0.00	13,700.00
1978	126.00	309.00	4,400.00	8,560.00	5,370.00	7,400.00	2,290.00	478.00	0.00	591.00	0.00	598.00	30,100.00
1979	436.00	3,310.00	4,020.00	4,920.00	3,850.00	6,140.00	0.00	239.00	0.00	1,590.00	1,190.00	14.40	25,700.00
1980	1,670.00	126.00	1,090.00	10,100.00	12,300.00	4,660.00	1,610.00	1,130.00	6.98	55.90	0.00	0.00	32,700.00
1981	253.00	0.00	2,040.00	2,240.00	2,260.00	2,370.00	858.00	422.00	0.00	0.00	0.00	724.00	11,200.00
1982	309.00	1,150.00	774.00	8,190.00	3,650.00	5,870.00	1,490.00	134.00	0.00	1,610.00	1,580.00	2,090.00	26,900.00
1983	774.00	5,950.00	3,450.00	5,210.00	5,650.00	8,030.00	5,180.00	654.00	0.00	0.00	2,710.00	352.00	38,000.00
1984	464.00	6,170.00	5,570.00	0.00	28.00	148.00	851.00	42.40	98.30	1,510.00	999.00	675.00	16,600.00
1985	731.00	1,640.00	5,200.00	1,240.00	2,260.00	3,020.00	823.00	0.00	0.00	1,190.00	0.00	1,290.00	17,400.00
1986	1,050.00	4,420.00	1,270.00	1,460.00	4,350.00	4,400.00	225.00	0.00	0.00	1,220.00	401.00	1,580.00	20,400.00
1987	394.00	1,020.00	1,780.00	2,240.00	2,050.00	2,190.00	387.00	70.30	527.00	563.00	563.00	682.00	12,500.00
1988	3,090.00	1,960.00	2,190.00	2,650.00	900.00	633.00	2,300.00	422.00	0.00	0.00	992.00	49.30	15,200.00
1989	0.00	1,480.00	3,400.00	1,770.00	4,580.00	2,290.00	0.00	211.00	0.00	0.00	816.00	450.00	15,000.00
1990	520.00	324.00	281.00	4,230.00	2,380.00	584.00	1,060.00	696.00	183.00	1,240.00	507.00	1,030.00	13,000.00
1991	55.90	999.00	485.00	1,740.00	3,610.00	10,700.00	55.90	281.00	0.00	1,460.00	267.00	507.00	20,100.00
1992	1,060.00	70.30	2,410.00	2,250.00	4,750.00	4,090.00	429.00	134.00	0.00	169.00	1,600.00	0.00	17,000.00
1993	3,070.00	0.00	4,090.00	16,700.00	7,450.00	2,080.00	0.00	591.00	851.00	0.00	0.00	0.00	34,800.00
1994	155.00	2,150.00	731.00	802.00	5,110.00	2,320.00	1,860.00	105.00	0.00	14.40	837.00	0.00	14,100.00
1995	1,260.00	1,140.00	1,210.00	10,600.00	2,540.00	11,800.00	1,270.00	1,740.00	886.00	281.00	872.00	443.00	34,100.00
1996	0.00	28.00	1,220.00	2,490.00	6,390.00	2,570.00	1,080.00	14.40	0.00	70.30	422.00	0.00	14,300.00
1997	352.00	3,520.00	4,290.00	7,030.00	1,410.00	0.00	492.00	211.00	0.00	633.00	0.00	3,280.00	21,200.00
1998	176.00	3,270.00	1,970.00	4,010.00	10,800.00	5,130.00	1,930.00	3,010.00	211.00	98.30	1,260.00	55.90	31,900.00
Mean	640.00	1,770.00	2,540.00	3,650.00	3,180.00	3,180.00	1,380.00	589.00	111.00	502.00	590.00	648.00	18,800.00
Median	394.00	1,240.00	2,040.00	2,460.00	2,380.00	2,320.00	1,080.00	302.00	0.00	246.00	359.00	380.00	15,600.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for channel reach 1													
1950	941.00	1,610.00	1,320.00	1,540.00	2,140.00	2,600.00	2,010.00	481.00	1.97	27.90	55.90	452.00	13,200.00
1951	72.40	1,310.00	492.00	1,230.00	1,700.00	1,970.00	1,470.00	1,720.00	35.30	1,290.00	573.00	195.00	12,100.00
1952	520.00	1,080.00	1,530.00	1,590.00	1,980.00	2,410.00	3,610.00	3,770.00	468.00	898.00	94.20	63.60	18,000.00
1953	0.00	1,300.00	1,660.00	2,120.00	1,640.00	2,030.00	1,290.00	1,460.00	32.70	244.00	606.00	15.50	12,400.00
1954	244.00	854.00	852.00	1,180.00	2,480.00	2,530.00	3,780.00	1,650.00	134.00	897.00	153.00	426.00	15,200.00
1955	0.36	990.00	1,410.00	1,550.00	1,740.00	2,580.00	1,330.00	1,370.00	18.90	867.00	2,420.00	140.00	14,400.00
1956	5.50	936.00	1,680.00	1,020.00	1,690.00	2,640.00	2,280.00	698.00	11.20	245.00	0.00	0.00	11,200.00
1957	63.30	0.00	775.00	1,450.00	2,320.00	2,750.00	2,130.00	3,010.00	1,120.00	124.00	70.30	0.00	13,800.00
1958	1,900.00	1,830.00	1,770.00	1,280.00	2,070.00	2,450.00	3,800.00	3,970.00	493.00	26.30	0.00	1,160.00	20,800.00
1959	458.00	326.00	7.59	707.00	1,460.00	2,680.00	805.00	137.00	0.00	91.30	664.00	1,080.00	8,420.00
1960	534.00	1,360.00	1,240.00	1,580.00	1,830.00	2,970.00	2,090.00	1,130.00	15.10	55.90	141.00	794.00	13,700.00
1961	515.00	824.00	529.00	349.00	599.00	1,030.00	711.00	308.00	0.30	35.00	794.00	31.80	5,730.00
1962	342.00	663.00	1,650.00	1,590.00	1,730.00	2,510.00	2,900.00	1,550.00	204.00	0.85	0.00	552.00	13,700.00
1963	657.00	90.60	419.00	724.00	2,070.00	2,410.00	2,290.00	1,090.00	16.70	0.00	218.00	2,430.00	12,400.00
1964	1,180.00	1,870.00	1,520.00	1,180.00	1,830.00	2,150.00	3,410.00	1,950.00	66.30	407.00	74.70	646.00	16,300.00
1965	434.00	1,350.00	1,050.00	1,970.00	1,880.00	2,230.00	3,710.00	1,600.00	41.20	550.00	743.00	383.00	15,900.00
1966	74.40	1,170.00	1,850.00	1,790.00	1,880.00	2,930.00	2,270.00	209.00	7.15	201.00	59.20	354.00	12,800.00
1967	620.00	1,020.00	1,840.00	2,030.00	2,240.00	2,950.00	2,880.00	3,260.00	439.00	1,370.00	1,360.00	1,050.00	21,000.00
1968	60.70	878.00	1,650.00	1,720.00	1,680.00	1,920.00	2,160.00	798.00	27.50	1,390.00	403.00	5.56	12,700.00
1969	238.00	641.00	756.00	1,980.00	1,820.00	3,030.00	3,480.00	3,580.00	399.00	184.00	0.00	364.00	16,500.00
1970	134.00	1,480.00	498.00	1,320.00	772.00	3,030.00	2,210.00	452.00	5.21	481.00	2,040.00	228.00	12,600.00
1971	104.00	298.00	1,750.00	2,070.00	2,110.00	2,050.00	1,640.00	1,380.00	206.00	548.00	127.00	35.10	12,300.00
1972	982.00	396.00	1,160.00	1,880.00	2,180.00	951.00	438.00	319.00	1,470.00	81.80	474.00	459.00	10,800.00
1973	524.00	1,310.00	1,740.00	1,720.00	2,010.00	2,470.00	3,610.00	2,200.00	70.00	1.52	428.00	0.00	16,100.00
1974	253.00	796.00	1,560.00	1,810.00	2,060.00	2,730.00	2,270.00	320.00	1.15	681.00	327.00	0.00	12,800.00
1975	382.00	1,730.00	1,170.00	456.00	1,650.00	2,450.00	3,120.00	1,850.00	54.30	98.60	0.00	1,080.00	14,100.00
1976	614.00	434.00	1,660.00	218.00	1,970.00	2,840.00	2,520.00	1,640.00	45.90	418.00	44.30	3,510.00	15,900.00
1977	2,170.00	748.00	82.50	1,930.00	1,950.00	1,570.00	1,190.00	2,860.00	603.00	16.20	2,010.00	222.00	15,400.00
1978	134.00	307.00	850.00	1,950.00	2,150.00	3,380.00	3,590.00	3,850.00	613.00	544.00	81.20	589.00	18,000.00
1979	431.00	1,190.00	1,720.00	1,630.00	2,020.00	3,110.00	3,800.00	2,510.00	132.00	1,460.00	1,260.00	54.70	19,300.00
1980	1,030.00	738.00	721.00	1,910.00	2,470.00	2,920.00	4,020.00	3,750.00	1,240.00	133.00	1.39	0.00	18,900.00
1981	249.00	2.67	1,760.00	836.00	2,330.00	2,630.00	1,850.00	462.00	48.80	0.00	0.00	706.00	10,900.00
1982	321.00	251.00	1,000.00	1,830.00	2,260.00	2,840.00	3,790.00	2,850.00	196.00	1,420.00	1,490.00	1,330.00	19,600.00
1983	1,520.00	1,690.00	1,740.00	2,170.00	2,170.00	3,060.00	3,500.00	5,060.00	1,690.00	93.70	2,550.00	434.00	25,700.00
1984	508.00	1,360.00	1,930.00	2,230.00	2,000.00	1,640.00	864.00	134.00	97.90	1,290.00	1,170.00	621.00	13,800.00
1985	769.00	874.00	1,660.00	1,870.00	2,210.00	2,550.00	3,060.00	471.00	5.42	1,130.00	52.70	1,170.00	15,800.00
1986	1,130.00	1,190.00	2,070.00	1,800.00	2,290.00	3,440.00	2,790.00	456.00	6.29	1,090.00	503.00	767.00	17,500.00
1987	1,180.00	829.00	1,540.00	1,720.00	1,190.00	2,740.00	1,390.00	97.70	522.00	442.00	594.00	742.00	13,000.00
1988	2,190.00	2,110.00	1,430.00	1,940.00	2,010.00	1,210.00	1,840.00	891.00	27.80	0.00	952.00	84.90	14,700.00
1989	0.00	796.00	1,390.00	1,920.00	2,140.00	3,290.00	2,190.00	295.00	0.91	0.00	795.00	459.00	13,300.00
1990	499.00	254.00	304.00	1,760.00	2,020.00	2,490.00	1,480.00	496.00	447.00	1,200.00	526.00	984.00	12,500.00
1991	98.60	638.00	773.00	1,600.00	385.00	2,680.00	3,940.00	2,830.00	174.00	660.00	1,050.00	511.00	15,300.00
1992	352.00	765.00	1,150.00	2,040.00	2,370.00	3,000.00	3,330.00	627.00	7.43	169.00	1,550.00	35.80	15,400.00
1993	926.00	1,860.00	1,480.00	1,860.00	2,030.00	3,650.00	3,840.00	2,610.00	984.00	26.90	0.00	0.00	19,300.00
1994	155.00	1,360.00	1,320.00	529.00	1,970.00	3,250.00	2,690.00	1,100.00	14.10	14.40	820.00	12.20	13,200.00
1995	1,220.00	992.00	772.00	1,900.00	2,770.00	3,260.00	3,740.00	3,840.00	1,940.00	394.00	799.00	518.00	22,100.00
1996	2.01	27.90	971.00	1,100.00	2,450.00	3,320.00	3,370.00	604.00	12.30	70.30	390.00	28.90	12,300.00
1997	204.00	895.00	2,040.00	2,040.00	2,220.00	3,290.00	1,850.00	319.00	4.52	593.00	36.30	2,300.00	15,800.00
1998	1,090.00	1,390.00	1,790.00	2,050.00	1,910.00	3,180.00	3,800.00	4,240.00	2,320.00	228.00	1,240.00	77.50	23,300.00
Mean	572.00	955.00	1,270.00	1,560.00	1,940.00	2,610.00	2,570.00	1,680.00	336.00	453.00	607.00	553.00	15,100.00
Median	434.00	895.00	1,410.00	1,720.00	2,010.00	2,680.00	2,520.00	1,380.00	54.30	244.00	428.00	426.00	14,400.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to channel reach 1													
1950	14.80	24.40	30.30	83.80	405.00	234.00	142.00	78.10	40.50	22.40	12.10	8.93	1,100.00
1951	3.65	17.40	4.53	27.10	22.70	46.40	34.80	20.50	8.14	16.20	4.06	1.81	206.00
1952	8.04	7.08	749.00	2,870.00	852.00	2,270.00	1,120.00	666.00	345.00	198.00	103.00	53.90	9,240.00
1953	30.10	64.90	91.30	241.00	121.00	124.00	70.90	36.70	18.10	11.30	10.40	2.84	823.00
1954	1.94	6.72	7.84	264.00	375.00	751.00	708.00	366.00	191.00	112.00	57.10	32.80	2,870.00
1955	16.50	16.80	18.50	110.00	134.00	204.00	97.50	61.80	28.20	23.30	33.90	7.57	753.00
1956	4.25	12.80	36.70	214.00	264.00	147.00	96.90	53.30	26.40	15.30	8.08	4.17	883.00
1957	2.45	1.25	6.74	271.00	250.00	258.00	139.00	115.00	59.70	30.20	16.20	8.35	1,160.00
1958	25.90	35.90	52.40	55.00	401.00	1,690.00	2,730.00	862.00	450.00	251.00	134.00	81.10	6,770.00
1959	40.10	21.30	11.50	11.80	232.00	151.00	77.40	42.90	22.40	12.50	9.71	12.40	644.00
1960	7.56	12.70	49.90	166.00	365.00	361.00	184.00	101.00	52.40	29.20	15.90	12.80	1,360.00
1961	7.47	7.85	2.13	8.64	1.08	10.40	1.52	1.73	0.34	0.19	3.55	0.00	45.50
1962	1.19	10.20	40.20	43.80	329.00	624.00	311.00	181.00	91.70	51.10	27.30	19.00	1,730.00
1963	10.80	4.20	4.75	4.67	49.00	32.80	36.20	15.10	8.01	4.57	2.34	27.40	200.00
1964	11.10	52.70	24.20	62.00	36.90	91.70	195.00	111.00	56.30	35.00	16.90	14.70	708.00
1965	5.57	23.80	45.90	70.90	64.60	61.30	451.00	228.00	119.00	71.50	37.40	19.80	1,200.00
1966	10.40	1,210.00	1,240.00	904.00	924.00	515.00	273.00	152.00	79.50	44.40	23.70	13.70	5,380.00
1967	8.82	13.30	3,880.00	743.00	457.00	477.00	422.00	292.00	153.00	97.30	54.40	30.90	6,630.00
1968	13.70	22.20	79.30	56.30	35.80	38.70	35.50	15.70	5.06	14.30	1.77	0.78	319.00
1969	0.46	5.64	22.60	2,350.00	4,210.00	2,600.00	1,210.00	667.00	346.00	193.00	103.00	55.90	11,800.00
1970	30.20	27.80	11.90	19.80	11.20	395.00	125.00	68.10	35.50	22.10	26.90	5.80	779.00
1971	3.26	29.00	423.00	594.00	263.00	180.00	101.00	62.20	28.30	18.70	8.47	4.26	1,720.00
1972	10.50	3.07	234.00	256.00	152.00	85.50	47.80	25.20	21.60	7.60	9.63	2.29	855.00
1973	1.21	41.10	208.00	223.00	503.00	1,170.00	774.00	426.00	222.00	124.00	67.10	34.60	3,800.00
1974	20.20	31.40	20.90	423.00	169.00	215.00	146.00	74.10	38.70	25.70	11.80	5.96	1,180.00
1975	23.90	16.40	18.20	4.61	19.40	147.00	228.00	132.00	67.30	37.50	20.10	17.10	732.00
1976	10.10	19.80	11.60	4.66	343.00	398.00	181.00	115.00	53.90	31.90	16.20	121.00	1,310.00
1977	59.80	33.20	32.60	157.00	59.80	53.00	23.60	61.10	21.60	12.10	24.80	4.51	543.00
1978	2.39	2.97	93.00	1,990.00	2,010.00	3,950.00	1,500.00	863.00	443.00	252.00	132.00	71.50	11,300.00
1979	40.10	74.20	323.00	701.00	1,290.00	1,540.00	1,060.00	527.00	275.00	167.00	89.40	43.50	6,130.00
1980	39.80	12.70	14.80	920.00	5,890.00	3,310.00	1,230.00	781.00	399.00	223.00	119.00	62.20	13,000.00
1981	35.80	18.30	41.00	29.10	60.20	68.00	44.50	25.00	12.00	6.85	3.69	7.93	352.00
1982	1.90	9.89	7.45	818.00	1,410.00	1,200.00	1,250.00	573.00	299.00	178.00	102.00	63.60	5,920.00
1983	36.00	84.90	624.00	815.00	1,690.00	3,760.00	2,110.00	1,700.00	768.00	429.00	255.00	126.00	12,400.00
1984	71.90	330.00	968.00	659.00	294.00	172.00	93.90	50.20	26.30	22.30	14.10	7.52	2,710.00
1985	8.43	11.30	211.00	246.00	337.00	268.00	197.00	109.00	56.90	40.70	17.50	19.20	1,520.00
1986	11.30	61.00	232.00	108.00	233.00	621.00	357.00	200.00	104.00	67.40	33.80	30.80	2,060.00
1987	13.90	14.80	23.60	43.70	32.90	61.90	37.80	20.30	13.60	10.20	5.91	6.18	285.00
1988	30.50	45.30	42.60	108.00	111.00	69.90	49.50	24.70	12.10	6.71	7.24	2.04	510.00
1989	1.18	12.70	40.40	202.00	600.00	344.00	203.00	113.00	59.00	32.90	23.70	10.50	1,640.00
1990	7.05	4.51	2.02	72.30	152.00	119.00	67.40	40.30	18.20	19.40	8.81	10.40	522.00
1991	1.79	8.65	2.86	16.10	34.60	2,560.00	950.00	482.00	251.00	151.00	76.20	42.50	4,580.00
1992	31.20	11.50	25.80	99.10	297.00	347.00	348.00	185.00	96.30	53.70	41.00	15.30	1,550.00
1993	34.40	33.90	64.30	6,450.00	3,970.00	1,860.00	1,040.00	571.00	302.00	165.00	88.40	46.10	14,600.00
1994	25.80	41.50	20.20	14.70	243.00	213.00	145.00	81.20	42.00	23.70	17.00	6.69	874.00
1995	12.40	7.71	8.57	1,530.00	1,150.00	5,900.00	1,150.00	737.00	382.00	211.00	119.00	59.60	11,300.00
1996	32.90	17.20	19.50	26.50	278.00	739.00	372.00	209.00	109.00	61.10	35.50	17.00	1,920.00
1997	10.90	71.00	416.00	1,530.00	852.00	640.00	326.00	181.00	94.40	56.50	28.30	44.40	4,260.00
1998	14.80	38.90	95.50	296.00	2,610.00	1,980.00	1,760.00	1,060.00	564.00	315.00	175.00	88.20	9,000.00
Mean	17.30	54.80	217.00	549.00	706.00	879.00	495.00	277.00	141.00	81.70	46.00	28.30	3,490.00
Median	11.10	17.40	36.70	166.00	278.00	344.00	197.00	115.00	59.00	35.00	23.70	15.30	1,520.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Land-surface infiltration in the HRUs for channel reach 1													
1950	0.00	0.39	0.91	5.22	30.40	0.58	0.06	0.00	0.00	0.00	0.00	0.00	37.70
1951	0.00	0.39	0.00	1.01	0.07	1.25	0.48	0.00	0.00	0.00	0.00	0.00	3.59
1952	0.00	0.00	76.80	166.00	13.60	205.00	34.90	0.00	0.00	0.00	0.00	0.00	497.00
1953	0.00	3.30	5.94	8.83	0.07	1.06	0.00	0.00	0.00	0.00	0.00	0.00	19.30
1954	0.00	0.00	0.00	33.90	18.40	74.00	0.00	0.00	0.00	0.00	0.00	0.00	126.00
1955	0.00	0.00	0.16	8.85	10.20	0.00	0.00	0.00	0.00	0.00	0.69	0.00	20.00
1956	0.00	0.00	1.38	27.70	8.15	0.00	0.33	0.00	0.00	0.00	0.00	0.00	37.40
1957	0.00	0.00	0.00	37.50	1.65	4.28	0.06	1.77	0.00	0.00	0.00	0.00	45.50
1958	0.39	0.79	0.82	1.32	34.40	135.00	178.00	0.00	0.00	0.00	0.00	0.00	351.00
1959	0.00	0.00	0.00	0.00	27.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.30
1960	0.00	0.16	3.52	11.80	28.20	3.24	0.22	0.00	0.00	0.00	0.00	0.00	47.30
1961	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.16
1962	0.00	0.16	1.72	1.15	39.50	20.80	0.00	0.01	0.00	0.00	0.00	0.00	63.50
1963	0.00	0.00	0.00	0.00	2.57	0.34	0.49	0.00	0.00	0.00	0.00	0.69	3.83
1964	0.00	2.89	0.00	3.67	0.00	5.34	7.62	0.07	0.00	0.00	0.00	0.00	19.80
1965	0.00	0.64	4.04	2.85	0.86	0.51	31.50	0.00	0.00	0.00	0.00	0.00	40.60
1966	0.00	92.60	113.00	17.40	43.90	2.78	0.00	0.00	0.00	0.00	0.00	0.00	270.00
1967	0.00	0.16	170.00	58.20	0.00	19.90	12.20	0.60	0.00	0.00	0.00	0.00	262.00
1968	0.00	0.48	4.89	0.22	0.00	0.22	0.06	0.00	0.00	0.00	0.00	0.00	6.10
1969	0.00	0.00	1.01	200.00	357.00	90.70	24.60	2.89	0.00	0.00	0.00	0.00	677.00
1970	0.00	0.16	0.00	0.48	0.00	34.40	0.00	0.00	0.00	0.00	0.00	0.00	35.10
1971	0.00	4.64	43.90	30.10	0.69	0.12	0.00	0.00	0.00	0.00	0.00	0.00	79.60
1972	0.00	0.00	39.70	0.00	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.60
1973	0.00	2.44	14.40	8.61	38.00	89.30	0.12	0.00	0.00	0.00	0.00	0.00	153.00
1974	0.00	0.80	0.33	38.40	0.00	3.26	0.46	0.00	0.00	0.00	0.00	0.00	43.30
1975	1.73	0.00	0.00	0.00	0.48	12.20	8.14	0.00	0.00	0.00	0.00	0.00	22.70
1976	0.00	0.79	0.00	0.00	32.70	20.10	0.14	0.06	0.00	0.00	0.00	7.54	61.80
1977	0.00	0.00	0.00	13.10	0.00	0.22	0.00	2.44	0.00	0.00	0.06	0.00	16.20
1978	0.00	0.00	14.40	177.00	177.00	276.00	36.40	4.56	0.00	0.00	0.00	0.00	686.00
1979	0.00	4.42	28.30	71.70	84.40	107.00	0.00	0.00	0.00	0.00	0.00	0.00	296.00
1980	0.00	0.00	0.00	111.00	447.00	165.00	15.60	5.88	0.00	0.00	0.00	0.00	745.00
1981	0.00	0.00	1.32	1.01	2.89	1.10	0.00	0.00	0.00	0.00	0.00	0.00	6.32
1982	0.00	0.16	0.00	80.90	79.30	107.00	34.70	0.00	0.00	0.15	0.16	0.48	304.00
1983	0.00	8.64	52.20	88.30	158.00	295.00	143.00	17.20	0.00	0.00	0.85	0.00	763.00
1984	0.00	39.60	74.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	114.00
1985	0.00	0.16	25.30	4.89	12.50	3.70	0.06	0.00	0.00	0.00	0.00	0.00	46.90
1986	0.00	9.32	11.10	0.06	13.30	38.60	0.07	0.00	0.00	0.00	0.00	0.16	73.20
1987	0.00	0.00	0.63	1.55	1.38	1.74	0.00	0.00	0.00	0.00	0.00	0.00	5.42
1988	1.09	1.16	0.28	2.96	1.01	0.06	0.48	0.00	0.00	0.00	0.00	0.00	7.25
1989	0.00	0.00	2.56	16.40	41.40	4.89	0.00	0.00	0.00	0.00	0.00	0.00	65.00
1990	0.00	0.00	0.00	6.11	9.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	15.60
1991	0.00	0.00	0.00	0.22	1.01	226.00	0.00	0.33	0.00	0.00	0.00	0.00	228.00
1992	0.00	0.00	0.22	6.73	21.60	11.00	2.55	0.00	0.00	0.00	0.00	0.00	42.20
1993	2.36	0.00	4.09	497.00	312.00	50.10	0.00	0.39	0.06	0.00	0.00	0.00	866.00
1994	0.00	1.49	0.00	0.00	25.00	3.05	0.51	0.00	0.00	0.00	0.00	0.00	29.90
1995	0.00	0.00	0.16	160.00	60.20	346.00	16.00	9.10	0.27	0.00	0.00	0.00	591.00
1996	0.00	0.00	0.16	0.66	42.50	32.50	0.53	0.00	0.00	0.00	0.00	0.00	76.60
1997	0.00	5.58	43.60	153.00	11.60	0.00	0.33	0.00	0.00	0.00	0.00	1.00	215.00
1998	0.00	1.23	4.61	18.00	244.00	131.00	46.50	21.20	0.12	0.00	0.00	0.00	467.00
Mean	0.11	3.73	15.20	42.30	49.70	51.50	12.20	1.36	0.01	0.00	0.04	0.20	177.00
Median	0.00	0.16	0.91	6.73	12.50	4.28	0.12	0.00	0.00	0.00	0.00	0.00	47.30

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for channel reach 1													
1950	0.28	2.19	5.76	3.27	11.40	1.81	2.22	0.52	0.00	0.02	0.03	0.20	27.70
1951	0.02	1.56	0.02	6.66	1.12	2.05	5.43	0.22	0.00	0.79	0.23	0.04	18.10
1952	0.30	0.99	59.60	51.20	7.93	68.70	29.90	0.00	0.22	2.09	0.02	0.06	221.00
1953	0.00	10.40	4.28	4.46	1.85	4.14	1.48	0.88	0.00	0.15	0.00	0.00	27.60
1954	0.03	0.15	0.00	23.10	9.49	46.20	0.66	0.07	0.15	1.46	0.16	0.37	81.80
1955	0.00	0.54	0.42	5.17	9.68	0.06	0.64	2.11	0.00	0.43	1.03	0.00	20.10
1956	0.00	0.19	2.46	27.20	2.12	0.00	3.23	0.42	0.00	0.14	0.00	0.00	35.80
1957	0.00	0.00	0.23	15.60	1.95	4.91	3.01	7.18	0.72	0.07	0.03	0.00	33.70
1958	1.63	2.05	4.71	7.67	19.60	66.70	57.20	1.96	0.00	0.00	0.00	1.69	163.00
1959	0.25	0.27	0.00	0.76	16.90	0.00	0.33	0.11	0.00	0.06	0.38	0.00	19.00
1960	0.41	0.58	3.76	6.94	11.70	3.07	3.85	0.37	0.00	0.03	0.08	0.08	30.80
1961	0.18	0.43	0.07	2.04	0.00	0.37	0.00	0.05	0.00	0.00	0.26	0.00	3.40
1962	0.02	1.50	2.32	6.37	20.70	12.40	0.00	3.52	0.20	0.00	0.00	0.28	47.30
1963	0.71	0.02	0.08	0.37	4.88	0.69	1.57	0.00	0.00	0.00	0.03	7.69	16.00
1964	1.84	6.91	0.14	9.09	0.64	14.60	6.30	2.44	0.00	0.28	0.00	0.36	42.60
1965	0.02	3.17	9.81	0.79	1.85	2.63	26.60	0.03	0.00	0.65	0.26	0.46	46.20
1966	0.03	63.20	36.20	6.71	17.80	3.66	0.51	0.03	0.00	0.17	0.04	0.23	129.00
1967	0.43	2.51	62.70	15.20	0.00	14.00	15.60	1.04	0.07	1.85	1.32	0.59	115.00
1968	0.00	0.63	5.04	2.78	0.54	4.54	1.18	0.28	0.00	0.46	0.02	0.00	15.50
1969	0.00	0.00	1.60	97.50	104.00	27.80	11.40	7.68	0.00	0.31	0.00	0.43	251.00
1970	0.11	1.35	0.16	2.95	0.51	34.60	1.06	0.00	0.00	0.26	1.17	0.00	42.20
1971	0.00	5.65	13.90	5.50	2.18	1.17	2.95	2.21	0.00	0.04	0.00	0.02	33.70
1972	1.69	0.05	22.30	0.07	2.26	0.00	0.40	0.20	1.75	0.02	0.07	0.00	28.80
1973	0.07	2.67	10.80	3.79	23.80	53.00	2.14	1.20	0.00	0.00	0.42	0.00	98.00
1974	0.17	2.19	0.44	18.70	0.40	6.09	2.46	0.07	0.00	0.59	0.13	0.00	31.30
1975	5.00	0.16	1.71	0.03	2.83	9.63	6.35	0.77	0.00	0.06	0.00	0.51	27.10
1976	0.16	6.19	0.14	0.00	17.70	10.50	2.76	1.95	0.01	0.61	0.00	21.90	61.90
1977	0.21	0.67	0.83	4.61	1.27	2.55	0.18	7.20	0.11	0.00	2.64	0.00	20.30
1978	0.04	0.00	9.08	68.90	62.00	86.90	26.80	5.61	0.00	1.27	0.00	0.78	261.00
1979	0.43	7.65	18.10	26.60	39.50	69.50	0.00	1.79	0.00	3.58	1.95	0.01	169.00
1980	1.13	0.07	0.88	48.70	134.00	54.80	18.90	12.00	0.02	0.11	0.00	0.00	270.00
1981	0.23	0.00	7.22	2.40	1.39	2.73	1.04	0.49	0.00	0.00	0.00	0.20	15.70
1982	0.01	1.94	0.52	32.00	30.70	58.20	17.50	0.96	0.00	2.76	4.34	5.71	155.00
1983	0.52	16.00	12.80	40.50	66.30	94.30	60.80	7.68	0.00	0.00	10.20	0.56	310.00
1984	0.48	17.40	29.30	0.00	0.07	0.28	1.14	0.03	0.05	1.04	0.49	0.10	50.30
1985	0.22	1.38	15.60	2.77	5.33	11.30	1.33	0.00	0.00	2.36	0.00	1.53	41.80
1986	0.46	8.90	3.84	1.72	5.75	23.90	1.07	0.00	0.00	3.14	0.23	4.77	53.80
1987	0.24	0.32	2.90	0.52	7.04	3.01	0.51	0.04	0.56	0.03	0.15	0.07	15.40
1988	7.91	4.20	1.62	6.58	1.22	1.41	3.90	0.30	0.00	0.00	0.53	0.01	27.70
1989	0.00	0.21	0.50	0.95	26.80	8.23	0.00	0.32	0.00	0.00	0.48	0.13	37.60
1990	0.21	0.05	0.04	7.57	8.53	0.85	1.24	0.51	0.10	2.08	0.52	0.31	22.00
1991	0.06	0.11	0.28	4.09	13.20	110.00	0.66	1.43	0.00	2.25	0.35	0.48	133.00
1992	0.65	0.04	4.73	6.88	12.00	9.23	2.46	0.27	0.00	0.17	2.75	0.00	39.10
1993	6.52	0.00	6.18	166.00	87.50	24.40	0.00	3.78	3.44	0.00	0.00	0.00	298.00
1994	0.12	4.86	0.45	0.28	13.60	4.83	3.96	0.14	0.00	0.01	1.34	0.00	29.60
1995	1.17	0.17	2.11	68.10	24.20	137.00	14.90	19.00	3.24	0.62	1.27	0.57	272.00
1996	0.00	0.02	2.42	1.12	29.70	13.60	3.19	0.03	0.00	0.06	0.28	0.00	50.40
1997	0.10	17.40	12.40	62.00	11.20	0.00	1.74	0.44	0.00	1.27	0.00	6.32	113.00
1998	0.09	3.18	5.11	14.50	103.00	60.30	22.60	34.50	1.95	0.24	3.52	0.09	249.00
Mean	0.70	4.08	7.87	18.20	20.00	23.90	7.62	2.69	0.26	0.64	0.75	1.15	87.80
Median	0.18	0.99	2.46	6.37	9.49	8.23	2.22	0.49	0.00	0.17	0.15	0.09	42.20

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for channel reach 1													
1950	2.40	2.19	1.75	2.70	10.10	8.13	9.16	7.78	7.08	6.54	3.88	2.42	64.10
1951	1.00	2.04	0.79	1.69	1.78	3.39	4.17	3.85	2.18	7.51	2.00	1.07	31.50
1952	1.28	0.97	3.46	22.20	25.60	35.40	54.60	59.30	24.00	24.60	15.80	8.61	276.00
1953	4.67	3.33	2.97	6.33	3.96	5.56	5.69	4.61	4.35	4.71	4.14	1.10	51.40
1954	0.67	1.09	0.59	4.60	10.40	17.60	41.40	21.90	17.00	17.70	8.59	5.95	148.00
1955	2.63	1.98	1.45	3.31	4.45	7.37	6.32	6.55	5.60	6.40	9.50	2.02	57.60
1956	0.93	1.17	2.02	4.04	5.29	6.58	6.56	6.79	5.98	4.73	2.28	1.48	47.90
1957	0.59	0.34	0.59	5.12	7.10	9.09	8.04	10.50	10.90	8.16	4.95	2.53	67.90
1958	3.06	2.63	2.82	2.81	10.20	27.50	57.60	72.20	35.70	25.10	18.30	11.10	269.00
1959	5.38	2.17	1.53	1.22	5.50	7.05	6.96	5.60	5.85	4.56	4.32	2.87	53.00
1960	1.41	1.39	2.29	3.91	7.00	12.00	10.40	9.61	9.50	8.12	4.53	3.55	73.70
1961	1.35	1.05	0.44	0.92	0.29	1.69	0.71	0.95	0.25	0.13	1.84	0.08	9.69
1962	0.37	1.01	1.93	2.26	7.19	19.80	15.20	12.60	11.90	10.10	7.23	5.07	94.60
1963	2.17	0.86	0.72	0.55	3.10	3.34	4.47	3.31	2.51	2.14	1.32	5.15	29.60
1964	1.99	3.37	1.64	2.76	2.19	5.18	9.31	9.77	8.74	9.37	3.85	3.17	61.30
1965	1.40	2.02	1.69	2.99	3.22	4.20	23.50	14.10	11.40	12.40	8.01	3.58	88.50
1966	2.33	10.30	20.60	19.30	22.80	20.80	14.60	14.20	12.70	10.70	7.36	4.39	160.00
1967	2.21	1.59	23.00	15.20	16.80	19.70	19.20	19.40	15.10	19.00	13.50	6.45	171.00
1968	2.85	2.32	2.85	2.68	2.90	3.47	3.94	3.24	2.00	6.76	1.04	0.54	34.60
1969	0.30	0.69	1.17	10.60	26.60	45.10	56.70	59.90	25.80	25.00	18.40	10.20	281.00
1970	3.84	3.03	1.37	1.96	1.27	11.80	7.61	8.66	7.61	6.98	8.48	1.73	64.30
1971	0.80	1.43	6.61	11.40	7.18	7.87	7.33	8.46	6.36	6.66	3.25	1.63	69.00
1972	1.30	0.67	3.61	5.50	5.75	6.59	5.38	5.03	6.39	3.11	3.71	1.12	48.20
1973	0.59	2.33	4.49	4.94	13.60	30.90	42.90	31.30	22.50	17.70	11.70	5.62	188.00
1974	3.18	2.35	1.64	7.56	5.19	8.30	9.17	8.81	8.12	7.38	3.40	1.89	67.00
1975	1.90	1.64	1.46	0.72	1.88	6.72	9.60	11.70	9.98	8.83	5.34	4.59	64.40
1976	1.71	1.47	1.22	0.78	7.62	10.80	9.47	12.00	9.54	8.33	3.90	11.40	78.30
1977	5.17	2.87	1.41	4.76	3.44	3.79	3.42	6.73	5.69	4.09	7.16	1.48	50.00
1978	0.83	0.65	2.67	22.70	31.10	50.30	54.40	73.80	46.10	29.10	18.00	8.55	338.00
1979	4.51	3.64	5.86	11.90	26.70	44.00	56.60	40.80	25.40	22.80	13.70	8.12	264.00
1980	4.51	1.57	1.95	10.50	33.80	43.10	64.10	62.30	36.30	29.30	17.40	10.20	315.00
1981	5.41	2.28	2.72	2.22	3.74	4.79	5.31	5.21	3.93	2.97	1.88	2.88	43.40
1982	0.64	0.69	0.79	11.80	25.00	32.10	55.40	42.70	21.40	23.40	16.50	8.82	239.00
1983	4.10	3.42	10.90	12.70	32.10	45.00	52.20	93.70	84.40	47.90	28.00	15.20	430.00
1984	6.65	7.27	11.30	18.80	7.70	8.39	7.74	9.13	6.66	8.32	5.11	2.85	99.90
1985	1.37	1.39	4.75	5.56	8.80	9.08	12.20	10.90	10.60	10.60	3.82	3.32	82.40
1986	2.53	2.56	6.06	4.84	9.62	26.30	18.40	15.70	14.70	13.10	8.57	4.36	127.00
1987	2.36	1.76	1.50	2.18	2.15	4.55	5.07	4.55	4.63	3.93	2.92	3.53	39.10
1988	3.45	3.64	2.25	3.98	4.93	5.19	5.62	4.33	3.09	2.95	3.87	1.02	44.30
1989	0.58	1.20	1.31	4.60	13.30	12.60	13.50	11.50	10.40	9.12	6.42	2.88	87.50
1990	1.58	0.94	0.51	2.85	5.54	6.63	6.70	6.59	4.78	8.42	4.01	3.41	51.90
1991	0.89	0.99	0.44	1.49	1.08	33.30	50.40	30.10	21.50	19.80	14.60	8.40	183.00
1992	4.67	1.80	2.09	3.68	9.19	12.60	20.60	15.80	12.60	10.90	10.60	3.88	108.00
1993	4.36	2.82	2.76	23.90	29.80	54.90	68.20	55.40	28.20	20.30	14.90	8.47	314.00
1994	4.21	3.08	1.77	1.58	6.74	9.34	9.67	8.73	9.18	6.94	6.37	1.88	69.50
1995	2.27	0.99	1.04	20.00	36.20	47.40	59.40	59.70	33.20	26.30	19.90	10.20	317.00
1996	4.83	2.41	1.86	1.72	7.98	29.80	19.30	16.60	15.00	13.40	9.35	3.84	126.00
1997	2.36	3.31	8.21	24.20	26.90	33.00	15.70	18.60	13.10	12.10	7.97	9.27	175.00
1998	2.52	2.87	3.40	6.93	23.40	47.40	57.90	68.70	58.20	33.10	24.90	10.70	340.00
Mean	2.49	2.20	3.47	7.16	11.60	18.60	22.70	22.30	15.50	12.90	8.71	4.95	133.00
Median	2.27	1.98	1.93	4.60	7.19	10.80	10.40	11.50	10.40	9.12	7.16	3.58	82.40

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual	
													Simulated	Meas- ured
Streamflow out of channel reach 1														
1950	3.66	9.25	11.30	20.90	73.90	23.50	15.10	6.61	3.01	1.47	0.76	1.75	171.00	—
1951	0.23	6.64	0.34	12.00	6.09	7.62	9.74	3.14	0.52	5.85	0.72	0.27	53.20	—
1952	3.77	3.03	4,660.00	7,240.00	465.00	7,020.00	1,490.00	275.00	41.80	22.00	10.00	5.21	21,200.00	—
1953	2.92	18.20	17.30	29.90	12.90	16.00	10.70	4.04	1.21	1.10	2.73	0.16	117.00	—
1954	0.31	2.98	3.60	56.70	68.50	857.00	276.00	44.30	17.00	11.70	4.83	3.98	1,350.00	—
1955	1.40	4.90	6.88	24.10	24.70	18.70	9.58	8.30	2.00	4.87	11.70	0.53	118.00	—
1956	0.31	5.31	10.90	233.00	31.00	12.90	13.20	5.39	1.87	1.20	0.52	0.25	316.00	—
1957	0.16	0.08	3.07	49.30	25.80	30.50	14.70	20.60	6.92	2.04	1.04	0.55	155.00	—
1958	9.79	8.74	12.70	13.80	88.00	4,680.00	9,620.00	452.00	78.90	24.10	12.50	12.20	15,000.00	—
1959	4.02	2.37	1.07	3.45	42.80	12.90	6.59	3.34	1.51	0.74	1.77	4.64	85.20	—
1960	2.94	4.70	17.20	24.00	51.40	46.50	20.50	8.54	3.95	1.98	1.09	2.87	186.00	—
1961	1.78	3.01	0.49	4.14	0.08	4.85	0.13	0.52	0.01	0.01	1.75	0.01	16.80	—
1962	0.60	4.90	10.60	12.20	80.90	181.00	31.40	18.40	7.43	3.82	1.90	3.47	356.00	—
1963	2.00	0.32	1.43	1.85	16.50	9.26	11.10	1.08	0.46	0.20	0.09	12.40	56.70	—
1964	3.99	18.00	2.21	16.90	4.01	22.40	25.30	11.30	4.01	3.76	1.09	3.65	117.00	—
1965	0.64	9.02	16.00	9.19	10.90	11.20	116.00	18.50	9.34	7.46	3.37	1.95	214.00	—
1966	0.72	3,600.00	695.00	549.00	594.00	129.00	27.20	14.60	7.21	3.75	1.86	1.65	5,620.00	—
1967	1.52	4.89	22,500.00	817.00	148.00	120.00	122.00	44.10	14.70	13.60	8.20	5.63	23,800.00	—
1968	1.18	7.61	18.00	8.37	3.93	9.13	10.80	3.66	0.27	5.69	0.07	0.03	68.80	—
1969	0.02	2.79	9.80	10,800.00	21,900.00	11,000.00	2,900.00	288.00	43.50	20.00	10.30	6.31	46,900.00	—
1970	3.12	7.19	1.98	6.49	3.12	61.00	12.70	5.42	2.58	2.39	8.78	0.39	115.00	—
1971	0.22	13.30	88.10	116.00	26.40	18.60	11.70	9.00	2.13	2.53	0.53	0.28	289.00	—
1972	4.00	0.68	48.00	23.70	17.00	7.18	5.30	2.02	4.98	0.43	3.05	0.16	116.00	—
1973	0.11	12.90	32.70	31.10	181.00	756.00	330.00	70.10	19.80	10.60	5.94	2.91	1,450.00	—
1974	2.05	9.83	2.68	75.90	14.50	28.70	18.80	5.80	2.75	3.50	0.87	0.38	166.00	—
1975	9.84	1.46	6.13	0.36	7.06	30.00	27.80	11.90	5.01	2.54	1.31	4.07	107.00	—
1976	2.27	8.80	1.53	0.36	55.10	50.70	18.80	14.60	4.11	2.95	1.16	34.30	195.00	—
1977	5.17	3.82	7.74	24.90	6.79	11.00	1.79	16.50	1.43	0.71	9.36	0.29	89.40	—
1978	0.16	0.92	25.90	3,680.00	4,470.00	20,900.00	5,060.00	707.00	92.40	27.50	13.20	8.31	35,000.00	—
1979	4.72	18.90	55.10	211.00	2,220.00	3,940.00	1,800.00	140.00	26.10	21.10	11.00	3.78	8,450.00	—
1980	10.30	1.18	4.52	2,050.00	38,300.00	17,500.00	3,350.00	532.00	80.10	23.20	12.20	6.30	61,900.00	—
1981	4.19	1.89	12.40	10.30	13.80	13.40	5.20	2.57	0.73	0.35	0.16	3.06	68.10	—
1982	0.45	4.85	3.12	1,070.00	2,950.00	1,390.00	2,310.00	163.00	29.20	21.30	14.00	12.10	7,970.00	—
1983	5.68	51.10	194.00	1,160.00	3,910.00	15,700.00	8,670.00	5,610.00	407.00	80.70	34.60	12.80	35,800.00	—
1984	8.07	71.60	3,040.00	281.00	27.80	16.00	10.20	4.17	2.01	4.80	3.45	1.83	3,470.00	—
1985	3.30	5.00	40.10	25.70	51.50	36.10	19.90	8.84	4.22	6.54	1.25	5.72	208.00	—
1986	3.32	22.80	26.40	14.40	293.00	226.00	55.90	16.60	8.16	8.98	3.26	8.35	687.00	—
1987	2.18	5.09	8.65	12.00	10.30	12.00	3.66	1.35	2.09	2.40	1.41	2.24	63.50	—
1988	12.00	10.40	10.40	20.20	12.80	7.30	9.41	2.45	0.78	0.34	1.83	0.09	87.90	—
1989	0.05	6.39	15.00	25.60	505.00	42.40	17.90	9.53	4.59	2.30	4.36	1.35	634.00	—
1990	1.33	1.18	0.43	21.80	24.80	10.90	7.96	5.43	1.20	4.86	1.76	3.82	85.40	—
1991	0.14	3.88	1.09	6.91	27.20	6,230.00	587.00	86.90	24.60	17.60	8.32	5.14	7,000.00	—
1992	6.84	1.08	10.50	17.70	62.10	60.50	59.00	15.20	7.56	3.94	8.09	1.06	253.00	—
1993	13.00	3.63	19.80	38,700.00	21,100.00	8,000.00	2,270.00	206.00	37.40	17.90	9.21	4.75	70,400.00	—
1994	2.71	11.50	3.96	3.91	43.40	27.50	17.30	6.53	2.97	1.51	2.91	0.44	125.00	—
1995	4.60	2.99	3.72	2,190.00	1,290.00	42,800.00	2,710.00	459.00	69.90	22.50	15.00	6.43	49,600.00	—
1996	3.32	1.75	5.78	10.20	65.60	221.00	48.90	18.00	8.89	4.57	3.80	1.27	393.00	—
1997	1.46	21.90	58.60	2,280.00	405.00	218.00	35.80	16.90	8.33	6.30	2.18	15.10	3,070.00	¹ 5
1998	1.27	15.10	16.10	48.10	9,350.00	6,390.00	5,760.00	1,600.00	229.00	31.80	19.40	8.47	23,500.00	23,400
Mean	3.22	82.40	648.00	1,470.00	2,230.00	3,040.00	979.00	224.00	27.30	9.62	5.69	4.54	8,720.00	
Median	2.27	5.00	10.60	24.10	51.40	42.40	20.50	14.60	4.98	4.57	3.05	3.06	253.00	

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Channel infiltration for reach 1													
1950	45.80	116.00	141.00	262.00	923.00	294.00	188.00	82.60	37.60	18.40	9.50	21.80	2,140.00
1951	2.93	83.00	4.27	150.00	76.20	95.30	122.00	39.30	6.52	73.10	8.99	3.40	665.00
1952	47.10	37.80	1,630.00	11,100.00	5,460.00	11,900.00	7,790.00	3,440.00	522.00	275.00	125.00	65.20	42,400.00
1953	36.50	228.00	217.00	374.00	161.00	200.00	133.00	50.50	15.10	13.70	34.10	1.95	1,470.00
1954	3.90	37.30	45.00	709.00	856.00	3,030.00	3,350.00	554.00	213.00	146.00	60.30	49.80	9,050.00
1955	17.40	61.30	86.00	301.00	309.00	234.00	120.00	104.00	25.00	60.80	146.00	6.58	1,470.00
1956	3.82	66.30	136.00	1,030.00	387.00	161.00	165.00	67.40	23.30	15.00	6.48	3.06	2,060.00
1957	1.94	0.99	38.40	616.00	323.00	381.00	183.00	258.00	86.50	25.50	13.00	6.83	1,930.00
1958	122.00	109.00	158.00	173.00	1,100.00	7,570.00	13,000.00	5,080.00	986.00	302.00	156.00	152.00	28,900.00
1959	50.20	29.60	13.40	43.10	536.00	161.00	82.30	41.80	18.90	9.23	22.10	58.00	1,070.00
1960	36.80	58.70	215.00	299.00	643.00	582.00	256.00	107.00	49.30	24.80	13.60	35.80	2,320.00
1961	22.20	37.70	6.12	51.70	1.04	60.60	1.65	6.47	0.17	0.10	21.80	0.06	210.00
1962	7.46	61.20	132.00	152.00	1,010.00	2,260.00	393.00	230.00	92.90	47.80	23.70	43.30	4,450.00
1963	25.10	4.04	17.80	23.10	206.00	116.00	138.00	13.50	5.79	2.52	1.18	155.00	708.00
1964	49.90	225.00	27.70	212.00	50.10	280.00	317.00	141.00	50.20	47.00	13.70	45.60	1,460.00
1965	8.03	113.00	201.00	115.00	136.00	140.00	1,450.00	232.00	117.00	93.20	42.20	24.40	2,680.00
1966	8.95	4,060.00	5,070.00	4,320.00	4,930.00	1,610.00	340.00	183.00	90.10	46.90	23.30	20.60	20,700.00
1967	19.00	61.10	9,970.00	2,890.00	1,850.00	1,510.00	1,530.00	551.00	183.00	170.00	103.00	70.30	18,900.00
1968	14.80	95.20	225.00	105.00	49.10	114.00	135.00	45.80	3.42	71.20	0.88	0.37	860.00
1969	0.25	34.80	122.00	5,560.00	13,900.00	14,000.00	8,240.00	3,610.00	544.00	250.00	128.00	78.80	46,500.00
1970	39.10	89.90	24.80	81.20	39.00	762.00	158.00	67.80	32.20	29.80	110.00	4.81	1,440.00
1971	2.78	167.00	1,100.00	1,450.00	330.00	233.00	146.00	112.00	26.70	31.70	6.60	3.49	3,610.00
1972	50.00	8.55	600.00	296.00	213.00	89.80	66.20	25.30	62.30	5.36	38.10	1.96	1,460.00
1973	1.35	161.00	409.00	389.00	2,000.00	5,910.00	4,040.00	876.00	247.00	133.00	74.30	36.40	14,300.00
1974	25.60	123.00	33.50	948.00	182.00	359.00	235.00	72.50	34.30	43.70	10.90	4.70	2,070.00
1975	123.00	18.30	76.60	4.47	88.20	375.00	347.00	149.00	62.60	31.80	16.40	50.90	1,340.00
1976	28.30	110.00	19.10	4.45	689.00	634.00	236.00	182.00	51.30	36.90	14.50	429.00	2,440.00
1977	64.60	47.70	96.80	311.00	84.90	137.00	22.40	206.00	17.90	8.84	117.00	3.60	1,120.00
1978	1.95	11.50	324.00	7,690.00	9,330.00	16,400.00	9,190.00	5,730.00	1,160.00	344.00	165.00	104.00	50,500.00
1979	59.00	237.00	689.00	2,280.00	6,540.00	8,850.00	6,960.00	1,760.00	326.00	264.00	137.00	47.20	28,100.00
1980	128.00	14.80	56.50	2,780.00	14,700.00	16,800.00	8,650.00	5,530.00	1,000.00	290.00	153.00	78.70	50,100.00
1981	52.40	23.70	155.00	129.00	172.00	167.00	65.00	32.10	9.15	4.32	1.98	38.20	851.00
1982	5.68	60.60	39.10	2,970.00	5,460.00	5,430.00	7,490.00	2,040.00	365.00	266.00	175.00	151.00	24,500.00
1983	71.00	355.00	2,010.00	2,610.00	9,200.00	18,500.00	12,500.00	10,500.00	4,780.00	1,010.00	433.00	160.00	62,100.00
1984	101.00	705.00	4,110.00	2,760.00	348.00	200.00	128.00	52.10	25.10	60.00	43.10	22.90	8,560.00
1985	41.30	62.50	501.00	321.00	644.00	451.00	249.00	110.00	52.80	81.80	15.60	71.50	2,600.00
1986	41.50	285.00	329.00	180.00	1,080.00	2,540.00	698.00	208.00	102.00	112.00	40.80	104.00	5,720.00
1987	27.30	63.60	108.00	150.00	129.00	151.00	45.70	16.90	26.10	30.00	17.60	28.00	794.00
1988	150.00	129.00	130.00	252.00	161.00	91.30	118.00	30.70	9.77	4.19	22.90	1.15	1,100.00
1989	0.61	79.80	187.00	320.00	2,420.00	530.00	224.00	119.00	57.40	28.70	54.50	16.80	4,040.00
1990	16.70	14.80	5.43	272.00	309.00	136.00	99.50	67.90	15.00	60.80	21.90	47.80	1,070.00
1991	1.77	48.50	13.60	86.40	166.00	8,790.00	4,880.00	1,090.00	308.00	220.00	104.00	64.30	15,800.00
1992	85.50	13.50	132.00	221.00	776.00	756.00	738.00	190.00	94.60	49.20	101.00	13.30	3,170.00
1993	162.00	45.30	248.00	17,200.00	17,000.00	11,800.00	7,730.00	2,580.00	467.00	223.00	115.00	59.40	57,700.00
1994	33.80	143.00	49.50	48.90	542.00	344.00	216.00	81.60	37.10	18.90	36.40	5.48	1,560.00
1995	57.50	37.40	46.50	5,790.00	5,560.00	16,300.00	8,390.00	5,130.00	873.00	282.00	187.00	80.40	42,700.00
1996	41.60	21.80	72.30	128.00	820.00	2,760.00	611.00	225.00	111.00	57.10	47.50	15.90	4,910.00
1997	18.30	273.00	732.00	6,450.00	4,690.00	2,720.00	447.00	212.00	104.00	78.80	27.20	188.00	15,900.00
1998	15.90	188.00	201.00	601.00	10,700.00	11,100.00	10,400.00	7,580.00	2,860.00	397.00	242.00	106.00	44,300.00
Mean	40.20	185.00	632.00	1,740.00	2,600.00	3,630.00	2,510.00	1,220.00	334.00	120.00	71.10	56.80	13,100.00
Median	28.30	62.50	132.00	301.00	643.00	530.00	256.00	182.00	62.30	57.10	38.10	38.20	2,680.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for channel reach 2													
1950	2,020.00	3,750.00	5,080.00	7,490.00	5,690.00	1,890.00	1,850.00	654.00	0.00	57.90	116.00	945.00	29,500.00
1951	145.00	3,690.00	189.00	5,820.00	3,160.00	1,820.00	5,310.00	931.00	0.00	3,230.00	742.00	363.00	25,400.00
1952	2,080.00	1,950.00	21,200.00	10,100.00	1,720.00	12,900.00	5,340.00	0.00	102.00	1,980.00	29.70	131.00	57,500.00
1953	0.00	6,920.00	5,800.00	3,780.00	1,530.00	2,910.00	3,200.00	1,310.00	0.00	509.00	1,290.00	0.00	27,300.00
1954	509.00	1,920.00	1,670.00	12,200.00	4,670.00	13,200.00	248.00	29.70	175.00	1,910.00	277.00	887.00	37,700.00
1955	0.00	2,170.00	3,240.00	8,510.00	6,470.00	72.90	1,110.00	2,620.00	0.00	1,920.00	5,270.00	0.00	31,400.00
1956	0.00	2,630.00	4,160.00	11,500.00	1,780.00	0.00	3,590.00	829.00	0.00	508.00	0.00	0.00	25,000.00
1957	131.00	0.00	1,640.00	13,000.00	1,890.00	3,590.00	2,410.00	6,600.00	1,410.00	189.00	145.00	0.00	31,100.00
1958	5,850.00	3,740.00	4,480.00	4,730.00	8,980.00	17,200.00	10,100.00	378.00	0.00	0.00	0.00	2,880.00	58,300.00
1959	508.00	654.00	14.50	1,500.00	10,900.00	0.00	524.00	248.00	0.00	189.00	1,380.00	2,340.00	18,300.00
1960	1,960.00	1,960.00	7,400.00	4,650.00	8,230.00	1,530.00	3,020.00	422.00	0.00	116.00	291.00	1,660.00	31,300.00
1961	1,080.00	2,120.00	684.00	1,990.00	0.00	3,300.00	321.00	626.00	0.00	72.40	1,720.00	0.00	11,900.00
1962	873.00	2,570.00	4,290.00	4,650.00	11,700.00	3,970.00	0.00	2,540.00	305.00	0.00	0.00	1,280.00	32,200.00
1963	1,280.00	160.00	1,030.00	1,370.00	6,840.00	4,410.00	5,310.00	0.00	0.00	0.00	451.00	5,690.00	26,500.00
1964	2,020.00	7,300.00	393.00	6,270.00	1,470.00	7,420.00	5,380.00	1,960.00	0.00	1,000.00	0.00	1,720.00	34,900.00
1965	538.00	4,320.00	6,110.00	2,170.00	2,760.00	4,800.00	11,000.00	29.70	0.00	1,610.00	1,090.00	785.00	35,200.00
1966	145.00	19,800.00	8,760.00	2,330.00	3,880.00	1,510.00	436.00	29.70	0.00	422.00	116.00	829.00	38,200.00
1967	1,190.00	2,200.00	26,300.00	5,880.00	0.00	6,440.00	7,190.00	684.00	72.90	2,910.00	2,840.00	2,200.00	57,800.00
1968	0.00	4,230.00	5,540.00	2,400.00	1,130.00	3,880.00	4,320.00	1,480.00	0.00	3,590.00	160.00	0.00	26,800.00
1969	524.00	1,380.00	4,550.00	25,600.00	18,300.00	4,890.00	2,010.00	1,560.00	0.00	321.00	0.00	757.00	59,900.00
1970	277.00	3,520.00	626.00	3,320.00	1,990.00	10,800.00	1,480.00	0.00	0.00	1,000.00	4,650.00	72.90	27,700.00
1971	203.00	6,010.00	9,380.00	3,580.00	1,470.00	1,280.00	2,750.00	3,020.00	0.00	1,180.00	218.00	72.90	29,200.00
1972	2,310.00	567.00	12,700.00	72.90	1,780.00	0.00	931.00	612.00	3,110.00	116.00	1,790.00	160.00	24,200.00
1973	1,080.00	5,290.00	6,650.00	6,050.00	8,960.00	11,400.00	684.00	451.00	0.00	0.00	887.00	0.00	41,500.00
1974	524.00	4,510.00	859.00	12,200.00	451.00	5,130.00	3,050.00	131.00	0.00	1,470.00	626.00	0.00	29,000.00
1975	4,450.00	218.00	3,080.00	218.00	3,870.00	10,400.00	4,830.00	1,090.00	0.00	203.00	0.00	2,300.00	30,700.00
1976	1,720.00	3,640.00	727.00	0.00	11,200.00	4,550.00	2,680.00	2,650.00	14.50	960.00	0.00	12,100.00	40,200.00
1977	436.00	1,320.00	3,670.00	5,090.00	1,640.00	3,740.00	451.00	6,940.00	363.00	14.50	4,680.00	0.00	28,400.00
1978	261.00	640.00	9,090.00	17,700.00	11,100.00	15,300.00	4,730.00	989.00	0.00	1,220.00	0.00	1,240.00	62,300.00
1979	902.00	6,840.00	8,320.00	10,200.00	7,970.00	12,700.00	0.00	494.00	0.00	3,290.00	2,460.00	29.70	53,200.00
1980	3,450.00	261.00	2,250.00	20,900.00	25,400.00	9,640.00	3,330.00	2,330.00	14.50	116.00	0.00	0.00	67,600.00
1981	524.00	0.00	4,220.00	4,640.00	4,680.00	4,900.00	1,780.00	873.00	0.00	0.00	0.00	1,500.00	23,100.00
1982	640.00	2,390.00	1,600.00	16,900.00	7,550.00	12,100.00	3,080.00	277.00	0.00	3,330.00	3,270.00	4,320.00	55,500.00
1983	1,600.00	12,300.00	7,140.00	10,800.00	11,700.00	16,600.00	10,700.00	1,350.00	0.00	0.00	5,620.00	727.00	78,500.00
1984	960.00	12,800.00	11,500.00	0.00	57.90	305.00	1,760.00	87.60	203.00	3,130.00	2,070.00	1,400.00	34,200.00
1985	1,510.00	3,390.00	10,800.00	2,570.00	4,680.00	6,250.00	1,700.00	0.00	0.00	2,460.00	0.00	2,680.00	36,000.00
1986	2,170.00	9,150.00	2,630.00	3,020.00	8,990.00	9,110.00	466.00	0.00	0.00	2,520.00	829.00	3,260.00	42,100.00
1987	815.00	2,110.00	3,680.00	4,630.00	4,250.00	4,540.00	800.00	145.00	1,090.00	1,160.00	1,160.00	1,410.00	25,800.00
1988	6,390.00	4,060.00	4,540.00	5,480.00	1,860.00	1,310.00	4,760.00	873.00	0.00	0.00	2,050.00	102.00	31,400.00
1989	0.00	3,070.00	7,040.00	3,650.00	9,470.00	4,740.00	0.00	436.00	0.00	0.00	1,690.00	931.00	31,000.00
1990	1,080.00	669.00	582.00	8,760.00	4,920.00	1,210.00	2,200.00	1,440.00	378.00	2,560.00	1,050.00	2,120.00	27,000.00
1991	116.00	2,070.00	1,000.00	3,610.00	7,460.00	22,100.00	116.00	582.00	0.00	3,010.00	552.00	1,050.00	41,700.00
1992	2,200.00	145.00	4,990.00	4,650.00	9,830.00	8,450.00	887.00	277.00	0.00	349.00	3,300.00	0.00	35,100.00
1993	6,340.00	0.00	8,450.00	34,500.00	15,400.00	4,310.00	0.00	1,220.00	1,760.00	0.00	0.00	0.00	72,000.00
1994	321.00	4,450.00	1,510.00	1,660.00	10,600.00	4,800.00	3,840.00	218.00	0.00	29.70	1,730.00	0.00	29,100.00
1995	2,600.00	2,360.00	2,500.00	21,900.00	5,250.00	24,500.00	2,620.00	3,610.00	1,830.00	582.00	1,800.00	916.00	70,500.00
1996	0.00	57.90	2,530.00	5,150.00	13,200.00	5,320.00	2,230.00	29.70	0.00	145.00	873.00	0.00	29,500.00
1997	727.00	7,270.00	8,870.00	14,500.00	2,910.00	0.00	1,020.00	436.00	0.00	1,310.00	0.00	6,780.00	43,900.00
1998	363.00	6,760.00	4,070.00	8,290.00	22,300.00	10,600.00	3,990.00	6,230.00	436.00	203.00	2,600.00	116.00	66,000.00
Mean	1,320.00	3,660.00	5,260.00	7,550.00	6,570.00	6,570.00	2,850.00	1,220.00	230.00	1,040.00	1,220.00	1,340.00	38,800.00
Median	815.00	2,570.00	4,220.00	5,090.00	4,920.00	4,800.00	2,230.00	626.00	0.00	508.00	742.00	785.00	32,200.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for channel reach 2													
1950	1,990.00	3,150.00	2,550.00	2,800.00	3,900.00	5,090.00	4,890.00	1,380.00	5.10	57.90	116.00	944.00	26,900.00
1951	146.00	2,480.00	1,250.00	2,320.00	3,170.00	4,110.00	3,390.00	3,790.00	27.80	2,740.00	1,130.00	388.00	25,000.00
1952	1,020.00	2,240.00	2,780.00	2,870.00	3,590.00	4,360.00	6,650.00	8,780.00	581.00	1,840.00	177.00	131.00	35,000.00
1953	0.00	2,410.00	3,030.00	3,880.00	3,190.00	4,240.00	3,330.00	3,360.00	53.60	508.00	1,290.00	6.12	25,300.00
1954	503.00	1,770.00	1,810.00	2,130.00	4,560.00	4,640.00	7,490.00	4,490.00	214.00	1,890.00	286.00	887.00	30,700.00
1955	0.00	2,070.00	2,710.00	2,800.00	3,190.00	5,010.00	3,550.00	3,130.00	28.70	1,880.00	5,090.00	186.00	29,700.00
1956	1.34	1,800.00	3,130.00	2,280.00	3,070.00	5,310.00	5,010.00	2,070.00	11.00	508.00	0.52	0.00	23,200.00
1957	131.00	0.00	1,630.00	2,590.00	4,260.00	5,270.00	4,980.00	6,320.00	2,800.00	206.00	145.00	0.00	28,300.00
1958	3,570.00	3,400.00	3,360.00	2,670.00	3,780.00	4,420.00	6,970.00	9,280.00	816.00	6.49	0.00	2,430.00	40,700.00
1959	942.00	667.00	15.60	1,490.00	2,630.00	5,420.00	2,350.00	281.00	0.00	189.00	1,380.00	2,310.00	17,700.00
1960	996.00	2,900.00	2,310.00	2,880.00	3,330.00	5,670.00	5,080.00	2,780.00	15.30	116.00	291.00	1,660.00	28,000.00
1961	1,070.00	1,680.00	1,130.00	642.00	1,340.00	2,020.00	1,600.00	628.00	0.17	72.40	1,680.00	33.30	11,900.00
1962	693.00	1,260.00	3,040.00	3,040.00	3,150.00	4,580.00	6,610.00	3,770.00	401.00	0.87	0.00	1,190.00	27,700.00
1963	1,350.00	146.00	853.00	1,540.00	3,930.00	4,670.00	4,750.00	2,910.00	22.10	0.00	451.00	5,040.00	25,700.00
1964	2,520.00	3,490.00	2,990.00	2,410.00	3,480.00	4,260.00	6,500.00	4,970.00	256.00	871.00	133.00	1,340.00	33,200.00
1965	909.00	2,510.00	2,270.00	3,630.00	3,580.00	4,410.00	7,000.00	4,460.00	99.20	1,140.00	1,560.00	785.00	32,400.00
1966	150.00	2,100.00	3,340.00	3,250.00	3,420.00	5,940.00	5,550.00	412.00	1.32	403.00	135.00	721.00	25,400.00
1967	1,300.00	2,140.00	3,340.00	3,700.00	4,130.00	5,580.00	5,320.00	7,420.00	907.00	2,890.00	2,820.00	2,100.00	41,700.00
1968	132.00	1,630.00	3,050.00	3,280.00	3,620.00	4,110.00	4,690.00	1,990.00	18.30	2,920.00	827.00	1.34	26,300.00
1969	467.00	1,390.00	1,370.00	3,650.00	3,270.00	5,510.00	6,880.00	8,320.00	324.00	328.00	0.00	757.00	32,300.00
1970	277.00	2,950.00	1,180.00	2,510.00	1,820.00	5,580.00	5,080.00	1,360.00	4.60	1,000.00	4,330.00	396.00	26,500.00
1971	205.00	534.00	3,180.00	3,780.00	3,980.00	4,850.00	3,830.00	3,060.00	437.00	1,160.00	232.00	72.90	25,300.00
1972	1,950.00	923.00	2,210.00	3,430.00	4,320.00	2,910.00	943.00	627.00	3,100.00	130.00	955.00	993.00	22,500.00
1973	1,070.00	2,420.00	3,200.00	3,110.00	3,640.00	4,450.00	7,140.00	5,710.00	80.00	0.00	887.00	0.00	31,700.00
1974	524.00	1,450.00	3,100.00	3,270.00	3,840.00	5,320.00	5,220.00	1,200.00	2.82	1,460.00	637.00	0.00	26,000.00
1975	705.00	3,550.00	2,370.00	1,150.00	3,200.00	4,600.00	5,860.00	4,930.00	93.20	202.00	1.17	2,290.00	28,900.00
1976	1,220.00	862.00	3,210.00	753.00	3,590.00	5,310.00	5,680.00	4,060.00	45.70	850.00	110.00	6,640.00	32,300.00
1977	4,800.00	1,870.00	192.00	3,530.00	3,920.00	3,450.00	2,980.00	5,680.00	1,560.00	18.70	4,250.00	424.00	32,700.00
1978	263.00	640.00	1,540.00	3,510.00	3,890.00	6,140.00	6,590.00	9,000.00	862.00	1,100.00	130.00	1,230.00	34,900.00
1979	895.00	2,150.00	3,130.00	2,940.00	3,670.00	5,640.00	7,470.00	6,140.00	90.90	3,150.00	2,570.00	56.00	37,900.00
1980	1,970.00	1,730.00	1,370.00	3,520.00	4,460.00	5,280.00	7,700.00	8,500.00	2,320.00	137.00	0.15	0.00	37,000.00
1981	522.00	1.78	3,450.00	1,920.00	4,320.00	4,980.00	4,550.00	1,160.00	112.00	0.00	0.00	1,490.00	22,500.00
1982	644.00	458.00	2,130.00	3,300.00	4,110.00	5,150.00	7,190.00	7,020.00	231.00	2,980.00	3,070.00	2,630.00	38,900.00
1983	3,250.00	3,210.00	3,150.00	3,940.00	3,930.00	5,510.00	6,360.00	10,700.00	3,610.00	30.20	5,370.00	809.00	49,900.00
1984	1,080.00	2,450.00	3,500.00	4,070.00	4,160.00	4,250.00	1,840.00	269.00	199.00	2,680.00	2,490.00	1,240.00	28,200.00
1985	1,630.00	1,610.00	3,010.00	3,400.00	4,050.00	4,980.00	6,660.00	1,670.00	5.99	2,420.00	36.50	2,490.00	32,000.00
1986	2,340.00	2,170.00	3,800.00	3,830.00	4,190.00	6,340.00	6,310.00	1,550.00	4.07	2,320.00	1,010.00	1,450.00	35,300.00
1987	2,610.00	1,610.00	2,980.00	3,230.00	2,600.00	5,140.00	3,740.00	238.00	1,090.00	940.00	1,190.00	1,590.00	26,900.00
1988	4,160.00	3,950.00	2,690.00	3,590.00	4,020.00	3,290.00	3,820.00	2,110.00	61.70	0.00	1,980.00	174.00	29,800.00
1989	0.00	1,580.00	2,720.00	3,520.00	3,920.00	6,350.00	5,540.00	689.00	0.61	0.00	1,680.00	932.00	26,900.00
1990	1,030.00	503.00	608.00	3,330.00	3,710.00	5,240.00	3,740.00	1,030.00	956.00	2,540.00	1,060.00	2,030.00	25,800.00
1991	210.00	1,230.00	1,670.00	3,110.00	995.00	4,840.00	7,570.00	6,920.00	164.00	1,320.00	2,240.00	1,050.00	31,300.00
1992	654.00	1,680.00	2,250.00	3,770.00	4,360.00	5,470.00	7,260.00	1,910.00	4.98	349.00	3,280.00	14.80	31,000.00
1993	1,710.00	3,730.00	2,770.00	3,340.00	3,660.00	6,680.00	8,340.00	5,580.00	1,800.00	8.30	0.00	0.00	37,600.00
1994	321.00	2,530.00	2,750.00	1,320.00	3,620.00	6,080.00	5,970.00	2,880.00	17.00	29.70	1,720.00	5.37	27,200.00
1995	2,580.00	1,990.00	1,500.00	3,430.00	5,050.00	5,910.00	7,140.00	8,520.00	3,780.00	630.00	1,710.00	1,010.00	43,300.00
1996	0.37	57.90	1,860.00	2,250.00	4,490.00	6,090.00	7,430.00	1,850.00	6.12	145.00	843.00	30.00	25,100.00
1997	367.00	1,720.00	3,700.00	3,680.00	4,060.00	6,910.00	4,480.00	613.00	1.03	1,260.00	44.00	4,690.00	31,500.00
1998	2,410.00	2,600.00	3,280.00	3,730.00	3,430.00	5,780.00	6,990.00	8,480.00	5,380.00	262.00	2,560.00	154.00	45,100.00
Mean	1,170.00	1,870.00	2,420.00	2,940.00	3,620.00	5,040.00	5,430.00	3,960.00	665.00	932.00	1,260.00	1,120.00	30,400.00
Median	909.00	1,800.00	2,720.00	3,250.00	3,710.00	5,150.00	5,550.00	3,130.00	93.20	508.00	887.00	809.00	29,700.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to channel reach 2													
1950	27.90	18.90	27.30	133.00	828.00	672.00	443.00	261.00	136.00	75.60	40.80	21.40	2,680.00
1951	12.10	12.20	12.10	12.30	35.30	117.00	66.80	53.30	28.00	15.80	9.68	4.68	379.00
1952	3.12	3.87	1,640.00	5,590.00	2,290.00	5,120.00	3,050.00	2,030.00	1,060.00	589.00	315.00	165.00	21,900.00
1953	92.10	81.10	163.00	556.00	344.00	399.00	222.00	131.00	69.40	38.90	20.90	11.00	2,130.00
1954	5.76	3.82	3.36	226.00	766.00	1,600.00	2,000.00	1,090.00	568.00	317.00	170.00	88.70	6,840.00
1955	49.30	25.80	18.50	150.00	286.00	580.00	298.00	177.00	93.10	51.70	35.80	23.70	1,790.00
1956	13.30	8.48	41.90	212.00	509.00	428.00	283.00	176.00	91.80	51.70	27.90	14.40	1,860.00
1957	8.35	4.24	2.76	285.00	576.00	719.00	421.00	291.00	186.00	104.00	56.00	29.00	2,680.00
1958	22.90	75.70	133.00	138.00	843.00	4,020.00	6,330.00	2,460.00	1,280.00	717.00	383.00	200.00	16,600.00
1959	112.00	58.70	33.00	18.00	240.00	358.00	186.00	104.00	54.30	30.40	16.60	9.21	1,220.00
1960	5.19	8.85	29.10	276.00	757.00	964.00	535.00	316.00	165.00	92.00	49.70	25.90	3,220.00
1961	14.70	7.84	4.66	2.80	2.76	1.92	3.31	1.97	0.88	0.47	0.04	0.04	43.20
1962	0.00	1.88	47.70	71.90	571.00	1,580.00	939.00	527.00	277.00	155.00	82.80	43.10	4,290.00
1963	24.50	12.80	7.29	4.06	28.30	47.50	68.70	75.10	39.80	22.30	11.80	12.60	355.00
1964	12.30	41.50	61.80	80.50	107.00	184.00	558.00	427.00	233.00	130.00	69.70	36.10	1,940.00
1965	20.20	20.50	31.30	128.00	161.00	178.00	1,050.00	762.00	398.00	222.00	119.00	62.30	3,150.00
1966	34.80	2,080.00	2,530.00	2,300.00	2,270.00	1,500.00	822.00	460.00	240.00	134.00	71.60	37.10	12,500.00
1967	21.30	13.60	7,730.00	1,810.00	1,360.00	1,350.00	1,320.00	1,070.00	568.00	317.00	170.00	89.00	15,800.00
1968	50.40	28.20	112.00	131.00	114.00	98.40	82.50	48.70	25.50	14.30	8.45	3.81	716.00
1969	2.16	1.10	6.69	4,590.00	8,960.00	5,940.00	3,340.00	1,930.00	1,020.00	567.00	303.00	159.00	26,800.00
1970	88.80	49.70	29.80	22.20	14.30	543.00	305.00	175.00	91.40	51.30	27.80	15.40	1,410.00
1971	8.51	7.04	563.00	1,330.00	721.00	523.00	291.00	166.00	88.40	48.80	26.20	13.40	3,790.00
1972	9.21	5.52	188.00	576.00	389.00	239.00	125.00	70.10	37.90	21.20	11.10	6.03	1,680.00
1973	3.27	27.70	340.00	521.00	1,160.00	2,640.00	2,240.00	1,280.00	669.00	374.00	200.00	104.00	9,560.00
1974	58.40	37.00	45.50	665.00	474.00	652.00	500.00	283.00	148.00	82.50	44.30	23.10	3,010.00
1975	16.20	31.20	19.60	12.60	16.40	203.00	575.00	405.00	213.00	119.00	63.80	32.90	1,710.00
1976	19.20	10.90	21.50	11.70	409.00	859.00	495.00	309.00	163.00	91.30	48.60	125.00	2,560.00
1977	166.00	88.20	49.10	210.00	128.00	100.00	73.70	75.60	57.70	32.30	19.10	13.20	1,010.00
1978	6.86	3.91	51.50	3,750.00	4,460.00	8,940.00	4,060.00	2,560.00	1,330.00	742.00	397.00	207.00	26,500.00
1979	116.00	96.40	510.00	1,460.00	2,910.00	3,940.00	2,940.00	1,530.00	801.00	448.00	241.00	127.00	15,100.00
1980	71.00	37.10	21.30	1,620.00	12,300.00	7,710.00	3,390.00	2,250.00	1,200.00	669.00	358.00	187.00	29,800.00
1981	104.00	55.00	48.10	27.70	77.70	157.00	159.00	93.00	48.50	27.50	14.50	7.92	818.00
1982	4.50	2.49	3.82	1,260.00	3,160.00	2,750.00	3,330.00	1,680.00	879.00	492.00	266.00	143.00	14,000.00
1983	86.50	78.80	1,110.00	1,750.00	3,930.00	8,370.00	5,380.00	4,550.00	2,230.00	1,240.00	677.00	362.00	29,800.00
1984	202.00	408.00	2,190.00	1,670.00	812.00	475.00	249.00	139.00	73.00	40.90	22.60	12.20	6,300.00
1985	6.85	5.11	252.00	594.00	844.00	764.00	690.00	404.00	211.00	119.00	64.40	34.10	3,990.00
1986	20.40	35.30	418.00	248.00	577.00	1,450.00	1,110.00	622.00	325.00	182.00	98.60	53.30	5,140.00
1987	33.50	18.20	20.30	64.30	48.90	163.00	155.00	87.90	46.20	25.90	13.70	7.59	685.00
1988	18.70	97.30	110.00	323.00	409.00	280.00	153.00	94.90	49.60	27.70	15.30	8.12	1,590.00
1989	4.84	1.98	22.00	338.00	1,280.00	949.00	666.00	372.00	194.00	108.00	58.10	29.90	4,030.00
1990	17.20	8.63	4.57	54.80	273.00	337.00	184.00	105.00	54.60	32.00	17.60	9.03	1,100.00
1991	5.17	3.27	2.85	9.67	6.76	4,690.00	2,550.00	1,370.00	719.00	401.00	215.00	112.00	10,100.00
1992	62.50	33.10	20.50	148.00	572.00	947.00	1,100.00	610.00	318.00	178.00	96.20	50.40	4,130.00
1993	31.50	69.90	84.70	13,100.00	8,870.00	4,820.00	3,020.00	1,660.00	866.00	483.00	259.00	135.00	33,400.00
1994	75.40	55.10	41.10	24.20	296.00	526.00	429.00	274.00	143.00	80.30	43.50	22.70	2,010.00
1995	13.30	7.64	5.25	2,570.00	2,750.00	13,500.00	3,150.00	2,130.00	1,150.00	640.00	343.00	179.00	26,400.00
1996	100.00	52.50	31.60	20.30	348.00	1,660.00	1,070.00	636.00	332.00	186.00	99.30	51.90	4,590.00
1997	28.80	50.40	644.00	3,130.00	2,310.00	1,840.00	967.00	541.00	282.00	158.00	84.70	49.10	10,100.00
1998	37.60	27.40	174.00	625.00	5,550.00	4,780.00	4,530.00	3,050.00	1,770.00	991.00	531.00	278.00	22,300.00
Mean	39.80	79.90	401.00	1,080.00	1,550.00	2,050.00	1,350.00	815.00	429.00	240.00	129.00	70.10	8,230.00
Median	20.40	25.80	41.90	248.00	572.00	764.00	575.00	404.00	211.00	119.00	63.80	34.10	3,790.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Land-surface infiltration in the HRUs for channel reach 2													
1950	0.00	0.00	0.54	2.64	12.60	0.07	0.00	0.00	0.00	0.00	0.00	0.00	16.30
1951	0.00	0.00	0.00	0.54	0.00	0.54	0.47	0.00	0.00	0.00	0.00	0.00	2.09
1952	0.00	0.00	59.30	174.00	15.10	216.00	40.40	0.00	0.00	0.00	0.00	0.00	505.00
1953	0.00	1.55	2.56	3.57	0.00	0.54	0.00	0.00	0.00	0.00	0.00	0.00	8.22
1954	0.00	0.00	0.00	14.00	11.10	53.00	0.00	0.00	0.00	0.00	0.00	0.00	78.00
1955	0.00	0.00	0.00	3.57	4.65	0.00	0.00	0.00	0.00	0.00	0.54	0.00	8.77
1956	0.00	0.00	0.54	10.50	3.96	0.00	0.07	0.00	0.00	0.00	0.00	0.00	15.00
1957	0.00	0.00	0.00	15.90	1.48	3.10	0.00	1.08	0.00	0.00	0.00	0.00	21.60
1958	0.00	0.54	0.54	0.54	14.60	108.00	181.00	0.00	0.00	0.00	0.00	0.00	305.00
1959	0.00	0.00	0.00	0.00	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.00
1960	0.00	0.00	1.55	4.58	14.20	1.55	0.00	0.00	0.00	0.00	0.00	0.00	22.40
1961	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	0.00	0.00	0.54	0.54	16.70	11.50	0.00	0.00	0.00	0.00	0.00	0.00	29.30
1963	0.00	0.00	0.00	0.00	1.01	0.07	0.07	0.00	0.00	0.00	0.00	0.54	1.63
1964	0.00	1.55	0.00	1.55	0.00	2.09	3.10	0.00	0.00	0.00	0.00	0.00	8.77
1965	0.00	0.47	1.55	1.01	0.54	0.07	12.70	0.00	0.00	0.00	0.00	0.00	16.80
1966	0.00	73.50	116.00	19.50	44.60	3.10	0.00	0.00	0.00	0.00	0.00	0.00	258.00
1967	0.00	0.00	179.00	75.90	0.00	23.50	11.10	0.54	0.00	0.00	0.00	0.00	290.00
1968	0.00	0.47	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.64
1969	0.00	0.00	0.54	175.00	370.00	93.90	31.50	2.86	0.00	0.00	0.00	0.00	674.00
1970	0.00	0.00	0.00	0.47	0.00	14.40	0.00	0.00	0.00	0.00	0.00	0.00	15.00
1971	0.00	2.02	20.00	19.90	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.90
1972	0.00	0.00	17.90	0.00	1.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.50
1973	0.00	1.01	5.59	4.58	20.20	63.80	0.00	0.00	0.00	0.00	0.00	0.00	96.20
1974	0.00	0.47	0.00	16.00	0.00	2.64	0.07	0.00	0.00	0.00	0.00	0.00	19.20
1975	1.01	0.00	0.00	0.00	0.47	5.05	3.57	0.00	0.00	0.00	0.00	0.00	9.70
1976	0.00	0.47	0.00	0.00	14.00	11.50	0.00	0.00	0.00	0.00	0.00	3.64	29.70
1977	0.00	0.00	0.00	4.97	0.00	0.00	0.00	1.01	0.00	0.00	0.00	0.00	6.06
1978	0.00	0.00	5.51	151.00	181.00	279.00	44.60	5.03	0.00	0.00	0.00	0.00	666.00
1979	0.00	2.02	12.00	45.90	76.40	102.00	0.00	0.00	0.00	0.00	0.00	0.00	238.00
1980	0.00	0.00	0.00	75.00	455.00	165.00	18.20	4.86	0.00	0.00	0.00	0.00	719.00
1981	0.00	0.00	0.54	0.54	1.55	0.54	0.00	0.00	0.00	0.00	0.00	0.00	3.10
1982	0.00	0.00	0.00	46.30	76.10	107.00	34.90	0.00	0.00	0.00	0.00	0.47	265.00
1983	0.00	4.11	25.60	69.00	153.00	288.00	145.00	16.50	0.00	0.00	0.54	0.00	702.00
1984	0.00	16.40	61.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	77.70
1985	0.00	0.00	10.10	2.49	7.53	1.70	0.00	0.00	0.00	0.00	0.00	0.00	22.30
1986	0.00	4.04	4.04	0.00	5.59	17.80	0.00	0.00	0.00	0.00	0.00	0.00	32.00
1987	0.00	0.00	0.47	0.54	0.54	1.01	0.00	0.00	0.00	0.00	0.00	0.00	2.64
1988	0.54	0.54	0.00	1.55	0.54	0.00	0.47	0.00	0.00	0.00	0.00	0.00	3.72
1989	0.00	0.00	1.08	6.06	23.10	3.18	0.00	0.00	0.00	0.00	0.00	0.00	33.40
1990	0.00	0.00	0.00	2.56	4.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.14
1991	0.00	0.00	0.00	0.00	0.54	220.00	0.00	0.07	0.00	0.00	0.00	0.00	221.00
1992	0.00	0.00	0.00	2.56	9.16	6.28	1.08	0.00	0.00	0.00	0.00	0.00	19.60
1993	1.01	0.00	2.02	493.00	312.00	65.60	0.00	0.07	0.00	0.00	0.00	0.00	874.00
1994	0.00	0.54	0.00	0.00	10.10	2.09	0.07	0.00	0.00	0.00	0.00	0.00	13.20
1995	0.00	0.00	0.00	129.00	57.20	350.00	20.40	8.19	0.07	0.00	0.00	0.00	566.00
1996	0.00	0.00	0.00	0.47	18.70	20.00	0.07	0.00	0.00	0.00	0.00	0.00	39.40
1997	0.00	2.49	19.90	133.00	13.00	0.00	0.07	0.00	0.00	0.00	0.00	0.54	169.00
1998	0.00	0.54	2.02	7.68	212.00	134.00	46.20	19.50	0.00	0.00	0.00	0.00	422.00
Mean	0.05	2.30	11.30	35.00	44.40	48.50	12.10	1.22	0.00	0.00	0.02	0.11	155.00
Median	0.00	0.00	0.54	2.64	7.53	3.10	0.00	0.00	0.00	0.00	0.00	0.00	22.40

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for channel reach 2													
1950	0.83	1.27	1.74	6.34	14.90	4.56	4.04	1.16	0.00	0.04	0.05	0.37	35.30
1951	0.04	0.87	0.04	1.69	1.57	1.34	3.66	0.59	0.00	0.88	0.16	0.05	10.90
1952	0.25	0.28	59.50	70.60	9.53	93.60	35.50	0.00	0.39	3.78	0.05	0.11	274.00
1953	0.00	4.53	6.37	7.54	2.58	5.39	3.94	1.25	0.00	0.25	0.45	0.00	32.30
1954	0.10	0.28	0.23	6.75	10.40	57.40	1.02	0.12	0.34	2.84	0.32	0.73	80.40
1955	0.00	0.88	1.06	5.75	11.20	0.17	1.69	3.54	0.00	1.02	2.05	0.00	27.30
1956	0.00	0.55	1.22	7.40	3.46	0.00	5.64	1.03	0.00	0.27	0.00	0.00	19.60
1957	0.03	0.00	0.24	11.90	4.26	9.05	4.62	10.70	1.99	0.17	0.08	0.00	43.00
1958	2.15	2.21	3.66	4.36	21.20	92.50	94.90	2.30	0.00	0.00	0.00	3.07	226.00
1959	0.38	0.41	0.01	0.55	8.24	0.00	0.52	0.22	0.00	0.07	0.42	0.48	11.30
1960	0.33	0.32	2.05	5.52	19.90	4.38	6.17	0.81	0.00	0.08	0.16	0.72	40.50
1961	0.36	0.49	0.13	0.28	0.00	0.31	0.05	0.06	0.00	0.00	0.06	0.00	1.72
1962	0.03	0.15	1.19	2.81	26.20	16.90	0.00	5.57	0.46	0.00	0.00	0.60	54.00
1963	0.50	0.04	0.20	0.22	1.31	2.31	3.78	0.00	0.00	0.00	0.13	1.48	9.97
1964	0.61	2.51	0.27	3.98	1.26	8.11	12.50	4.57	0.00	0.83	0.00	0.78	35.40
1965	0.19	1.43	2.38	1.86	2.62	5.74	28.90	0.08	0.00	1.79	0.94	0.50	46.40
1966	0.07	52.30	42.60	9.87	20.60	6.00	1.15	0.06	0.00	0.32	0.08	0.34	133.00
1967	0.45	0.69	144.00	23.20	0.00	21.80	26.90	2.40	0.17	4.58	2.74	1.74	229.00
1968	0.00	1.64	3.22	2.12	1.04	3.25	3.24	0.93	0.00	1.01	0.04	0.00	16.50
1969	0.06	0.13	0.61	130.00	171.00	48.40	15.50	9.11	0.00	0.61	0.00	0.78	376.00
1970	0.19	1.96	0.28	1.22	0.58	9.59	2.09	0.00	0.00	0.55	1.68	0.02	18.20
1971	0.05	1.20	17.20	11.60	3.86	2.76	4.20	3.14	0.00	0.57	0.08	0.02	44.70
1972	0.54	0.10	9.44	0.15	3.26	0.00	0.81	0.39	1.60	0.03	0.37	0.03	16.70
1973	0.13	1.13	6.12	12.20	32.70	61.10	3.03	1.84	0.00	0.00	1.08	0.00	119.00
1974	0.33	2.07	0.47	14.60	0.96	11.20	6.89	0.21	0.00	1.00	0.36	0.00	38.00
1975	1.42	0.12	1.13	0.06	1.17	9.52	11.10	2.04	0.00	0.15	0.00	1.08	27.80
1976	0.56	1.08	0.26	0.00	8.50	10.00	5.86	4.69	0.02	0.64	0.00	7.76	39.40
1977	0.47	1.05	1.82	4.06	1.47	2.89	0.38	4.64	0.24	0.01	1.54	0.00	18.60
1978	0.05	0.11	2.96	88.30	81.40	166.00	37.30	6.89	0.00	2.62	0.00	1.45	387.00
1979	0.70	5.04	11.50	36.70	51.90	82.90	0.00	2.37	0.00	5.58	2.94	0.03	200.00
1980	2.10	0.13	0.74	46.00	293.00	105.00	23.80	14.20	0.04	0.22	0.00	0.00	485.00
1981	0.41	0.00	2.33	1.78	2.45	4.75	2.25	0.63	0.00	0.00	0.00	0.34	15.00
1982	0.11	0.33	0.23	27.10	33.70	65.40	23.40	1.29	0.00	5.72	3.95	3.86	165.00
1983	1.01	8.38	18.30	53.10	84.20	175.00	90.70	13.50	0.00	0.00	14.20	1.02	460.00
1984	1.22	16.80	65.00	0.00	0.16	0.61	2.17	0.06	0.11	1.32	0.67	0.32	88.40
1985	0.28	0.54	10.10	5.86	12.40	16.30	4.42	0.00	0.00	2.09	0.00	1.26	53.30
1986	0.83	4.42	4.68	3.56	18.80	32.90	1.83	0.00	0.00	2.54	0.60	1.88	72.00
1987	0.38	0.68	1.14	1.82	2.62	5.00	1.13	0.12	0.68	0.40	0.32	0.28	14.60
1988	1.91	2.62	3.85	7.75	3.84	2.44	5.17	0.71	0.00	0.00	0.54	0.02	28.90
1989	0.00	0.36	1.40	4.19	32.50	13.50	0.00	0.81	0.00	0.00	1.03	0.38	54.10
1990	0.32	0.14	0.09	3.21	6.13	2.04	2.58	1.04	0.23	1.12	0.34	0.49	17.70
1991	0.03	0.24	0.14	0.64	1.77	81.00	0.84	2.29	0.00	4.42	0.64	0.93	93.00
1992	1.17	0.06	1.76	2.80	18.70	26.60	3.52	0.73	0.00	0.41	2.65	0.00	58.50
1993	2.87	0.00	6.24	335.00	162.00	34.30	0.00	5.37	6.03	0.00	0.00	0.00	551.00
1994	0.21	2.55	0.75	0.57	8.96	10.30	7.65	0.37	0.00	0.02	0.92	0.00	32.30
1995	0.81	0.53	0.48	71.20	29.70	241.00	18.80	22.10	6.37	1.31	2.52	1.10	395.00
1996	0.00	0.04	1.15	1.63	20.30	21.30	7.24	0.06	0.00	0.13	0.60	0.00	52.50
1997	0.26	3.00	16.90	79.40	13.90	0.00	3.64	0.98	0.00	1.18	0.00	3.63	123.00
1998	0.16	2.61	3.14	15.20	151.00	86.30	37.10	41.00	2.39	0.55	5.53	0.19	345.00
Mean	0.51	2.62	9.39	23.10	28.80	33.90	11.50	3.59	0.43	1.04	1.03	0.77	117.00
Median	0.32	0.68	1.74	5.52	8.96	9.59	3.94	1.03	0.00	0.41	0.32	0.34	46.40

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for channel reach 2													
1950	3.22	2.46	1.64	3.70	16.20	17.80	20.90	17.60	14.90	13.90	8.68	4.48	125.00
1951	2.64	1.67	1.46	1.11	2.18	6.27	6.12	7.87	6.66	6.42	4.14	2.40	48.90
1952	1.15	0.78	3.61	27.80	26.70	44.70	57.40	69.20	45.00	44.80	27.40	14.00	363.00
1953	7.61	3.16	4.04	11.70	8.31	13.10	11.40	10.40	10.30	10.70	6.30	3.26	100.00
1954	1.60	0.87	0.59	4.20	16.80	23.10	47.90	42.40	34.60	32.00	15.10	9.23	228.00
1955	4.60	2.37	1.40	3.95	6.99	16.80	13.60	13.70	11.80	10.10	8.83	5.50	99.60
1956	2.58	1.24	2.20	4.07	9.12	13.80	13.70	14.20	12.70	10.30	6.14	4.09	94.20
1957	1.72	0.95	0.58	4.43	13.50	18.40	17.70	19.20	24.60	18.20	11.10	5.80	136.00
1958	2.98	3.33	4.78	4.80	15.80	37.30	77.20	78.40	58.60	47.20	32.40	16.00	379.00
1959	8.59	3.37	2.46	1.52	5.34	13.30	12.20	9.48	10.10	9.03	5.18	2.71	83.30
1960	1.56	1.35	1.34	5.65	12.00	23.20	21.90	21.40	19.20	16.30	9.80	5.79	139.00
1961	2.51	1.10	0.70	0.65	0.61	0.68	1.28	1.02	0.78	0.50	0.37	0.23	10.40
1962	0.15	0.26	2.16	2.93	9.02	25.00	32.50	26.00	24.20	19.10	13.80	7.39	162.00
1963	3.53	1.66	1.04	0.64	2.34	3.92	6.10	10.30	8.40	7.69	4.99	3.94	54.50
1964	2.60	2.43	3.00	3.17	4.74	8.49	22.80	27.50	25.50	21.40	13.20	6.57	141.00
1965	3.76	1.87	1.66	4.55	6.05	8.65	34.00	36.00	27.80	26.20	16.90	7.42	175.00
1966	4.88	11.70	21.40	21.30	24.00	30.30	29.20	26.70	21.90	18.10	12.70	6.83	229.00
1967	3.18	1.62	31.90	20.60	22.40	27.30	26.80	39.70	34.10	35.90	22.30	10.20	276.00
1968	5.71	2.67	3.37	4.26	5.77	6.25	7.83	8.16	7.48	6.52	3.84	2.22	64.10
1969	1.09	0.53	0.58	14.10	40.10	63.80	63.60	69.90	47.00	44.60	30.60	15.40	391.00
1970	5.97	3.33	1.91	1.70	1.66	15.90	13.90	15.50	13.40	12.50	8.21	4.05	98.10
1971	1.98	1.04	7.31	17.70	14.30	16.30	13.90	13.30	13.00	11.40	7.75	4.07	122.00
1972	1.93	0.99	2.06	10.40	11.20	13.00	9.16	9.31	8.60	7.39	4.44	2.21	80.60
1973	1.18	1.68	6.75	8.77	17.80	31.50	47.90	53.80	46.20	34.50	21.00	9.85	281.00
1974	5.43	2.67	2.51	10.80	11.20	18.30	21.90	22.30	18.70	14.60	9.21	5.60	143.00
1975	2.58	2.58	1.49	1.37	1.64	8.04	19.40	27.20	22.50	18.30	11.10	6.53	123.00
1976	3.01	1.49	1.71	1.35	9.25	19.50	19.40	23.60	18.80	15.30	8.94	10.20	133.00
1977	10.40	5.08	2.69	5.62	5.44	5.12	7.12	8.06	11.10	9.40	6.35	3.80	80.20
1978	2.07	0.98	1.41	25.80	36.00	77.20	65.90	79.60	71.10	53.40	31.40	13.50	459.00
1979	6.87	3.87	7.87	14.70	29.40	48.60	62.90	57.90	49.50	38.60	21.60	13.50	355.00
1980	5.91	2.58	1.92	13.80	56.00	68.80	73.20	66.40	59.70	53.90	29.90	16.20	448.00
1981	8.42	3.58	2.95	2.08	4.36	7.99	13.00	11.60	12.50	8.98	5.91	3.10	84.50
1982	1.32	0.77	0.83	12.70	30.20	35.40	60.90	56.90	42.10	40.20	25.80	13.30	320.00
1983	6.36	3.24	14.30	19.60	37.20	72.60	72.80	114.00	91.60	77.20	48.30	26.00	583.00
1984	10.40	7.83	19.60	23.70	15.50	15.80	12.90	15.40	11.40	10.50	6.72	4.02	154.00
1985	1.62	0.83	4.37	10.50	16.60	18.20	29.80	27.70	25.20	20.00	11.60	5.55	172.00
1986	3.31	2.05	9.51	8.11	15.40	33.10	34.90	35.50	31.50	21.90	16.00	6.69	218.00
1987	3.82	2.04	1.61	2.87	2.97	8.79	14.50	12.10	10.70	7.44	5.35	2.99	75.10
1988	2.96	4.52	3.41	8.65	13.20	14.10	11.70	11.70	10.00	8.93	5.42	3.02	97.50
1989	1.67	0.74	0.92	7.79	19.20	25.90	31.10	25.50	21.00	18.20	10.40	5.98	168.00
1990	2.93	1.47	0.87	2.31	7.98	14.40	12.90	11.40	11.60	9.74	5.90	3.35	84.70
1991	1.74	0.79	0.55	1.17	1.29	39.20	54.30	47.30	40.60	35.20	21.20	12.50	256.00
1992	6.73	2.87	1.57	4.97	14.00	22.50	39.30	37.40	28.30	22.20	15.80	8.11	204.00
1993	4.32	3.95	2.86	43.00	49.90	73.50	75.50	68.80	51.20	34.50	23.50	13.00	444.00
1994	6.43	3.27	2.34	2.04	7.39	18.40	21.60	21.10	20.40	15.10	10.50	5.25	134.00
1995	2.44	1.04	0.81	20.70	38.50	77.00	66.50	64.90	57.10	49.40	32.80	16.40	428.00
1996	7.75	3.86	2.14	1.73	8.01	35.00	37.90	36.50	31.50	25.70	16.10	7.73	214.00
1997	4.08	2.78	10.60	27.50	28.50	41.00	31.50	36.40	24.00	19.20	14.10	8.35	248.00
1998	4.36	2.42	4.78	11.90	34.00	58.00	70.80	73.20	70.90	66.20	45.70	19.20	461.00
Mean	3.95	2.44	4.32	9.56	16.00	27.30	32.10	33.30	28.00	23.60	15.00	7.91	203.00
Median	3.18	2.05	2.16	5.62	13.20	18.40	22.80	26.00	22.50	18.20	11.10	6.53	154.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Streamflow out of channel reach 2													
1950	0.00	0.00	0.00	0.00	297.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	297.00
1951	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	0.00	0.00	4,970.00	13,500.00	4,730.00	14,700.00	7,510.00	2,840.00	80.90	0.00	0.00	0.00	48,300.00
1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	0.00	0.00	0.00	92.40	292.00	2,410.00	2,690.00	143.00	0.00	0.00	0.00	0.00	5,620.00
1955	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	0.00	0.00	0.00	683.00	45.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	729.00
1957	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	0.00	0.00	0.00	0.00	437.00	9,460.00	18,000.00	4,470.00	474.00	0.00	0.00	0.00	32,900.00
1959	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	0.00	0.00	0.00	0.00	12.80	105.00	0.00	0.00	0.00	0.00	0.00	0.00	117.00
1961	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	0.00	0.00	0.00	0.00	356.00	1,520.00	57.80	0.00	0.00	0.00	0.00	0.00	1,930.00
1963	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	0.00	0.00	0.00	0.00	0.00	0.00	725.00	0.44	0.00	0.00	0.00	0.00	725.00
1966	0.00	5,550.00	3,740.00	3,490.00	3,970.00	1,010.00	0.00	0.00	0.00	0.00	0.00	0.00	17,800.00
1967	0.00	0.00	26,000.00	2,290.00	1,320.00	669.00	806.00	176.00	0.00	0.00	0.00	0.00	31,300.00
1968	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	0.00	0.00	0.00	12,200.00	28,200.00	20,300.00	9,260.00	2,970.00	92.30	0.00	0.00	0.00	72,900.00
1970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	0.00	0.00	367.00	661.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,030.00
1972	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	0.00	0.00	0.00	0.00	1,260.00	4,570.00	3,370.00	407.00	0.00	0.00	0.00	0.00	9,610.00
1974	0.00	0.00	0.00	158.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	158.00
1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	0.00	0.00	0.00	0.00	0.00	40.90	0.00	0.00	0.00	0.00	0.00	0.00	40.90
1977	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	0.00	0.00	0.00	8,070.00	10,300.00	30,200.00	11,800.00	5,280.00	653.00	0.00	0.00	0.00	66,300.00
1979	0.00	0.00	79.10	1,280.00	6,550.00	10,200.00	7,270.00	1,210.00	0.00	0.00	0.00	0.00	26,600.00
1980	0.00	0.00	0.00	3,110.00	41,700.00	28,300.00	10,100.00	4,900.00	521.00	0.00	0.00	0.00	88,600.00
1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	0.00	0.00	0.00	2,490.00	6,220.00	4,620.00	7,890.00	1,460.00	0.00	0.00	0.00	0.00	22,700.00
1983	0.00	33.10	1,080.00	2,280.00	10,300.00	27,100.00	17,400.00	13,400.00	4,240.00	515.00	0.00	0.00	76,300.00
1984	0.00	0.00	5,540.00	2,140.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,680.00
1985	0.00	0.00	0.00	0.00	124.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.00
1986	0.00	0.00	0.00	0.00	859.00	1,700.00	332.00	0.00	0.00	0.00	0.00	0.00	2,890.00
1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	0.00	0.00	0.00	0.00	1,820.00	9.72	0.00	0.00	0.00	0.00	0.00	0.00	1,830.00
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	0.00	0.00	0.00	0.00	0.00	10,700.00	4,180.00	519.00	0.00	0.00	0.00	0.00	15,400.00
1992	0.00	0.00	0.00	0.00	193.00	204.00	346.00	0.00	0.00	0.00	0.00	0.00	743.00
1993	0.00	0.00	0.00	44,000.00	30,700.00	16,500.00	8,410.00	1,990.00	24.70	0.00	0.00	0.00	101,500.00
1994	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	0.00	0.00	0.00	5,200.00	5,040.00	47,900.00	9,330.00	4,480.00	366.00	0.00	0.00	0.00	72,400.00
1996	0.00	0.00	0.00	0.00	146.00	1,820.00	151.00	0.00	0.00	0.00	0.00	0.00	2,120.00
1997	0.00	0.00	6.85	6,010.00	3,920.00	2,050.00	43.00	0.00	0.00	0.00	0.00	0.00	12,000.00
1998	0.00	0.00	0.00	52.50	15,400.00	14,100.00	13,300.00	7,520.00	2,360.00	13.80	0.00	0.00	52,700.00
Mean	0.00	114.00	853.00	2,200.00	3,550.00	5,110.00	2,710.00	1,060.00	180.00	10.80	0.00	0.00	15,800.00
Median	0.00	0.00	0.00	0.00	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	729.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Channel infiltration for reach 2													
1950	34.00	24.60	39.30	254.00	1,810.00	1,410.00	907.00	468.00	185.00	92.80	48.20	25.50	5,300.00
1951	13.90	14.70	15.70	17.00	49.80	181.00	99.60	78.40	38.20	19.70	11.10	5.52	544.00
1952	3.76	4.70	407.00	3,080.00	2,670.00	3,170.00	2,930.00	2,680.00	1,940.00	935.00	420.00	194.00	18,400.00
1953	108.00	105.00	255.00	1,150.00	672.00	839.00	410.00	201.00	92.60	46.20	24.50	12.50	3,920.00
1954	7.36	4.57	3.88	452.00	1,490.00	2,000.00	2,590.00	2,080.00	988.00	465.00	208.00	107.00	10,400.00
1955	59.60	32.30	24.10	286.00	590.00	1,260.00	574.00	295.00	123.00	66.10	44.50	29.20	3,380.00
1956	16.80	10.90	58.60	361.00	1,040.00	786.00	515.00	269.00	118.00	62.40	32.40	15.90	3,290.00
1957	9.50	4.89	3.15	484.00	1,140.00	1,480.00	810.00	577.00	345.00	142.00	72.60	37.80	5,100.00
1958	32.10	111.00	243.00	251.00	1,860.00	2,890.00	3,150.00	2,800.00	2,220.00	1,200.00	546.00	243.00	15,500.00
1959	133.00	70.70	38.60	21.70	406.00	642.00	265.00	132.00	63.10	31.50	16.90	9.55	1,830.00
1960	5.87	10.40	39.00	513.00	1,590.00	1,980.00	1,050.00	570.00	227.00	111.00	58.00	30.30	6,180.00
1961	17.70	9.96	5.91	3.68	3.08	2.53	3.46	1.64	0.51	0.20	0.17	0.11	49.00
1962	0.13	1.75	64.70	111.00	1,070.00	2,580.00	1,900.00	977.00	432.00	190.00	96.30	50.70	7,470.00
1963	29.50	15.60	8.83	5.00	38.50	70.90	116.00	129.00	60.10	30.00	15.10	16.30	534.00
1964	16.30	59.20	93.00	148.00	191.00	396.00	1,350.00	1,020.00	478.00	196.00	91.90	49.10	4,090.00
1965	27.10	28.10	42.60	193.00	304.00	358.00	2,120.00	1,690.00	783.00	355.00	151.00	80.20	6,130.00
1966	43.70	925.00	2,740.00	2,720.00	2,530.00	2,520.00	1,530.00	724.00	303.00	152.00	77.60	40.60	14,300.00
1967	24.00	16.10	2,900.00	2,540.00	2,320.00	2,400.00	2,440.00	2,160.00	1,050.00	485.00	207.00	109.00	16,600.00
1968	59.70	36.00	174.00	192.00	168.00	153.00	143.00	75.80	35.70	18.60	9.59	4.70	1,070.00
1969	2.88	1.77	9.01	1,260.00	3,190.00	3,280.00	2,980.00	2,690.00	1,910.00	891.00	393.00	185.00	16,800.00
1970	106.00	61.20	36.10	28.40	17.80	1,040.00	527.00	241.00	111.00	57.10	30.90	16.60	2,280.00
1971	9.59	7.72	995.00	2,430.00	1,440.00	988.00	489.00	228.00	107.00	55.70	27.60	14.30	6,790.00
1972	10.50	6.36	318.00	1,160.00	740.00	389.00	165.00	87.10	44.40	21.20	11.20	5.83	2,950.00
1973	3.47	35.90	646.00	1,070.00	1,960.00	2,810.00	2,640.00	2,300.00	1,170.00	565.00	246.00	125.00	13,600.00
1974	70.00	46.70	60.00	1,390.00	942.00	1,370.00	1,070.00	521.00	204.00	103.00	53.10	26.60	5,860.00
1975	19.50	40.30	28.20	17.30	22.90	402.00	1,260.00	826.00	357.00	152.00	79.10	41.80	3,240.00
1976	24.10	15.00	27.80	15.00	765.00	1,700.00	951.00	554.00	225.00	112.00	58.40	191.00	4,640.00
1977	275.00	126.00	71.60	334.00	179.00	144.00	107.00	108.00	75.70	38.30	23.20	15.60	1,500.00
1978	8.76	4.81	72.10	2,570.00	2,790.00	3,490.00	3,040.00	2,860.00	2,310.00	1,230.00	563.00	252.00	19,200.00
1979	139.00	123.00	989.00	2,380.00	2,660.00	3,020.00	2,860.00	2,520.00	1,390.00	678.00	301.00	146.00	17,200.00
1980	85.80	44.70	26.00	1,500.00	3,450.00	3,440.00	3,010.00	2,840.00	2,200.00	1,100.00	505.00	221.00	18,400.00
1981	124.00	65.10	61.40	35.60	111.00	285.00	312.00	139.00	63.30	32.90	16.30	9.00	1,250.00
1982	5.42	3.56	5.48	1,290.00	2,520.00	2,790.00	2,890.00	2,570.00	1,580.00	762.00	342.00	173.00	14,900.00
1983	105.00	129.00	2,090.00	2,310.00	2,810.00	3,390.00	3,140.00	3,160.00	2,710.00	2,320.00	1,190.00	513.00	23,900.00
1984	249.00	695.00	2,070.00	2,620.00	1,580.00	801.00	341.00	164.00	81.40	42.40	22.60	12.00	8,670.00
1985	7.67	5.78	473.00	1,210.00	1,760.00	1,600.00	1,490.00	797.00	333.00	149.00	78.30	43.80	7,950.00
1986	27.10	46.80	789.00	424.00	1,170.00	2,270.00	2,200.00	1,180.00	528.00	235.00	116.00	65.90	9,050.00
1987	42.10	23.00	28.20	96.00	75.60	350.00	321.00	132.00	63.30	33.70	16.70	8.99	1,190.00
1988	24.80	144.00	184.00	730.00	926.00	592.00	262.00	133.00	64.50	32.10	17.20	8.79	3,120.00
1989	4.91	3.47	30.50	659.00	2,100.00	1,980.00	1,330.00	652.00	265.00	128.00	68.40	35.00	7,260.00
1990	20.20	10.70	5.97	75.30	508.00	668.00	305.00	141.00	66.70	36.40	19.40	10.30	1,870.00
1991	5.68	3.71	3.44	13.30	8.80	2,760.00	2,700.00	2,370.00	1,230.00	582.00	257.00	130.00	10,100.00
1992	73.10	38.40	25.40	226.00	1,260.00	1,980.00	2,190.00	1,190.00	534.00	232.00	117.00	60.10	7,910.00
1993	40.10	92.50	133.00	3,390.00	3,200.00	3,220.00	2,940.00	2,610.00	1,610.00	726.00	317.00	156.00	18,400.00
1994	87.90	69.00	52.90	30.70	549.00	1,090.00	899.00	536.00	206.00	100.00	52.40	27.30	3,700.00
1995	17.40	10.30	7.21	2,100.00	2,580.00	3,760.00	2,990.00	2,810.00	2,150.00	1,080.00	489.00	215.00	18,200.00
1996	120.00	62.50	39.10	26.00	597.00	2,600.00	2,170.00	1,210.00	545.00	235.00	117.00	61.30	7,780.00
1997	34.70	64.20	1,230.00	2,830.00	2,520.00	2,620.00	1,860.00	900.00	392.00	185.00	94.20	57.90	12,800.00
1998	44.80	36.40	290.00	1,360.00	2,710.00	3,170.00	3,070.00	3,000.00	2,560.00	1,780.00	846.00	376.00	19,200.00
Mean	49.60	71.50	366.00	946.00	1,330.00	1,700.00	1,500.00	1,150.00	705.00	373.00	175.00	87.00	8,440.00
Median	27.10	32.30	58.60	452.00	1,140.00	1,600.00	1,330.00	724.00	333.00	149.00	77.60	41.80	6,790.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for channel reach 3													
1950	417.00	775.00	1,050.00	1,550.00	1,170.00	391.00	381.00	135.00	0.00	12.00	23.90	195.00	6,100.00
1951	30.00	763.00	38.90	1,200.00	652.00	376.00	1,100.00	192.00	0.00	667.00	153.00	74.90	5,250.00
1952	429.00	402.00	4,370.00	2,080.00	354.00	2,670.00	1,100.00	0.00	21.00	409.00	6.10	26.90	11,900.00
1953	0.00	1,430.00	1,200.00	781.00	316.00	601.00	661.00	270.00	0.00	105.00	267.00	0.00	5,630.00
1954	105.00	397.00	345.00	2,510.00	964.00	2,730.00	51.00	6.10	36.10	393.00	57.00	183.00	7,780.00
1955	0.00	447.00	670.00	1,760.00	1,340.00	14.90	228.00	541.00	0.00	397.00	1,090.00	0.00	6,480.00
1956	0.00	544.00	859.00	2,390.00	367.00	0.00	742.00	171.00	0.00	105.00	0.00	0.00	5,170.00
1957	26.90	0.00	339.00	2,690.00	391.00	742.00	499.00	1,360.00	292.00	38.90	30.00	0.00	6,410.00
1958	1,210.00	772.00	925.00	976.00	1,850.00	3,540.00	2,080.00	78.20	0.00	0.00	0.00	595.00	12,000.00
1959	105.00	135.00	2.89	309.00	2,250.00	0.00	108.00	51.20	0.00	38.90	285.00	484.00	3,770.00
1960	405.00	405.00	1,530.00	961.00	1,700.00	316.00	625.00	87.00	0.00	23.90	60.10	342.00	6,460.00
1961	222.00	439.00	141.00	411.00	0.00	682.00	66.20	129.00	0.00	14.90	354.00	0.00	2,460.00
1962	180.00	532.00	886.00	961.00	2,420.00	820.00	0.00	526.00	63.00	0.00	0.00	264.00	6,650.00
1963	264.00	32.90	213.00	282.00	1,410.00	910.00	1,100.00	0.00	0.00	0.00	93.00	1,170.00	5,480.00
1964	418.00	1,510.00	81.00	1,290.00	303.00	1,530.00	1,110.00	405.00	0.00	207.00	0.00	354.00	7,220.00
1965	111.00	892.00	1,260.00	447.00	571.00	991.00	2,270.00	6.10	0.00	333.00	225.00	162.00	7,270.00
1966	30.00	4,080.00	1,810.00	481.00	802.00	312.00	90.10	6.10	0.00	87.00	23.90	171.00	7,890.00
1967	246.00	454.00	5,420.00	1,210.00	0.00	1,330.00	1,480.00	141.00	14.90	601.00	586.00	454.00	11,900.00
1968	0.00	874.00	1,140.00	496.00	234.00	802.00	892.00	307.00	0.00	742.00	32.90	0.00	5,520.00
1969	108.00	285.00	940.00	5,290.00	3,790.00	1,010.00	414.00	321.00	0.00	66.20	0.00	156.00	12,400.00
1970	57.00	727.00	129.00	685.00	411.00	2,230.00	307.00	0.00	0.00	207.00	961.00	14.90	5,730.00
1971	42.00	1,240.00	1,940.00	739.00	303.00	264.00	568.00	625.00	0.00	243.00	45.10	14.90	6,020.00
1972	478.00	117.00	2,630.00	14.90	367.00	0.00	192.00	126.00	643.00	23.90	369.00	32.90	4,990.00
1973	222.00	1,090.00	1,370.00	1,250.00	1,850.00	2,360.00	141.00	93.00	0.00	0.00	183.00	0.00	8,570.00
1974	108.00	931.00	177.00	2,520.00	93.00	1,060.00	631.00	26.90	0.00	303.00	129.00	0.00	5,980.00
1975	919.00	45.10	637.00	44.90	799.00	2,150.00	997.00	225.00	0.00	42.00	0.00	475.00	6,340.00
1976	354.00	751.00	150.00	0.00	2,320.00	940.00	553.00	547.00	2.89	198.00	0.00	2,500.00	8,310.00
1977	90.10	273.00	757.00	1,050.00	339.00	772.00	93.00	1,430.00	74.90	2.89	967.00	0.00	5,850.00
1978	54.00	132.00	1,880.00	3,660.00	2,300.00	3,160.00	976.00	204.00	0.00	252.00	0.00	255.00	12,900.00
1979	186.00	1,410.00	1,720.00	2,100.00	1,650.00	2,620.00	0.00	102.00	0.00	679.00	508.00	6.10	11,000.00
1980	712.00	54.00	465.00	4,310.00	5,240.00	1,990.00	688.00	481.00	2.89	23.90	0.00	0.00	14,000.00
1981	108.00	0.00	871.00	958.00	967.00	1,010.00	367.00	180.00	0.00	0.00	0.00	309.00	4,770.00
1982	132.00	493.00	330.00	3,500.00	1,560.00	2,510.00	637.00	57.00	0.00	688.00	676.00	892.00	11,500.00
1983	330.00	2,540.00	1,470.00	2,230.00	2,420.00	3,430.00	2,210.00	279.00	0.00	0.00	1,160.00	150.00	16,200.00
1984	198.00	2,630.00	2,380.00	0.00	12.00	63.20	363.00	18.10	42.00	646.00	427.00	288.00	7,070.00
1985	312.00	700.00	2,220.00	532.00	967.00	1,290.00	351.00	0.00	0.00	508.00	0.00	553.00	7,440.00
1986	448.00	1,890.00	544.00	625.00	1,860.00	1,880.00	96.20	0.00	0.00	520.00	171.00	673.00	8,700.00
1987	168.00	435.00	760.00	955.00	877.00	937.00	165.00	30.00	225.00	240.00	240.00	291.00	5,330.00
1988	1,320.00	838.00	937.00	1,130.00	384.00	270.00	982.00	180.00	0.00	0.00	423.00	21.00	6,490.00
1989	0.00	634.00	1,450.00	754.00	1,960.00	979.00	0.00	90.10	0.00	0.00	349.00	192.00	6,410.00
1990	222.00	138.00	120.00	1,810.00	1,020.00	249.00	454.00	297.00	78.20	529.00	216.00	439.00	5,570.00
1991	23.90	427.00	207.00	745.00	1,540.00	4,560.00	23.90	120.00	0.00	622.00	114.00	216.00	8,600.00
1992	454.00	30.00	1,030.00	961.00	2,030.00	1,750.00	183.00	57.00	0.00	72.00	682.00	0.00	7,250.00
1993	1,310.00	0.00	1,750.00	7,130.00	3,180.00	889.00	0.00	252.00	363.00	0.00	0.00	0.00	14,900.00
1994	66.20	919.00	312.00	342.00	2,180.00	991.00	793.00	44.90	0.00	6.10	358.00	0.00	6,020.00
1995	538.00	487.00	517.00	4,530.00	1,080.00	5,050.00	541.00	745.00	379.00	120.00	372.00	189.00	14,600.00
1996	0.00	12.00	523.00	1,060.00	2,730.00	1,100.00	459.00	6.10	0.00	30.00	180.00	0.00	6,100.00
1997	150.00	1,500.00	1,830.00	3,000.00	601.00	0.00	210.00	90.10	0.00	270.00	0.00	1,400.00	9,060.00
1998	74.90	1,400.00	841.00	1,710.00	4,610.00	2,190.00	823.00	1,290.00	90.10	42.00	538.00	23.90	13,600.00
Mean	273.00	755.00	1,090.00	1,560.00	1,360.00	1,360.00	588.00	252.00	47.50	214.00	252.00	277.00	8,020.00
Median	168.00	532.00	871.00	1,050.00	1,020.00	991.00	459.00	129.00	0.00	105.00	153.00	162.00	6,650.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for channel reach 3													
1950	350.00	600.00	520.00	600.00	806.00	1,030.00	944.00	218.00	6.77	11.90	23.80	176.00	5,290.00
1951	33.30	501.00	201.00	487.00	652.00	789.00	573.00	649.00	40.60	438.00	276.00	89.70	4,730.00
1952	200.00	413.00	609.00	628.00	750.00	938.00	1,390.00	1,860.00	443.00	350.00	70.20	27.50	7,680.00
1953	0.00	505.00	644.00	811.00	658.00	918.00	489.00	564.00	37.10	97.40	221.00	17.30	4,960.00
1954	99.40	315.00	332.00	477.00	918.00	987.00	1,490.00	968.00	118.00	342.00	80.70	164.00	6,290.00
1955	1.40	358.00	545.00	624.00	668.00	1,010.00	607.00	546.00	25.90	296.00	880.00	124.00	5,690.00
1956	6.77	343.00	632.00	438.00	641.00	1,040.00	1,010.00	270.00	16.60	102.00	0.00	0.00	4,500.00
1957	27.10	0.00	288.00	610.00	867.00	1,080.00	1,020.00	1,140.00	466.00	76.80	29.80	0.00	5,600.00
1958	738.00	717.00	698.00	576.00	793.00	985.00	1,430.00	1,940.00	447.00	37.40	0.00	399.00	8,760.00
1959	219.00	142.00	5.40	263.00	588.00	1,060.00	366.00	75.00	0.00	39.00	264.00	391.00	3,410.00
1960	246.00	497.00	495.00	612.00	702.00	1,140.00	1,040.00	463.00	22.20	23.80	59.60	310.00	5,610.00
1961	202.00	327.00	219.00	141.00	220.00	411.00	280.00	131.00	1.17	15.20	301.00	32.00	2,280.00
1962	140.00	262.00	629.00	634.00	701.00	969.00	1,360.00	648.00	127.00	3.27	0.00	182.00	5,660.00
1963	277.00	56.10	158.00	287.00	768.00	951.00	902.00	419.00	20.30	0.00	92.70	857.00	4,790.00
1964	487.00	720.00	619.00	486.00	704.00	872.00	1,320.00	805.00	55.80	133.00	52.90	218.00	6,480.00
1965	202.00	520.00	425.00	740.00	716.00	953.00	1,440.00	769.00	53.00	192.00	315.00	158.00	6,480.00
1966	37.50	479.00	729.00	667.00	707.00	1,210.00	1,240.00	228.00	14.70	86.70	23.80	136.00	5,560.00
1967	259.00	375.00	710.00	759.00	830.00	1,160.00	1,160.00	1,600.00	407.00	512.00	532.00	431.00	8,740.00
1968	35.60	353.00	627.00	679.00	704.00	719.00	806.00	305.00	30.60	492.00	207.00	7.01	4,960.00
1969	105.00	222.00	315.00	787.00	729.00	1,160.00	1,400.00	1,830.00	422.00	103.00	0.00	144.00	7,210.00
1970	58.30	566.00	207.00	513.00	305.00	1,140.00	990.00	195.00	8.88	191.00	724.00	152.00	5,050.00
1971	48.50	127.00	689.00	772.00	812.00	1,030.00	687.00	545.00	116.00	205.00	68.80	15.20	5,110.00
1972	367.00	172.00	469.00	686.00	865.00	499.00	173.00	150.00	565.00	54.40	174.00	189.00	4,360.00
1973	227.00	504.00	661.00	680.00	786.00	986.00	1,430.00	1,250.00	109.00	5.84	178.00	0.00	6,820.00
1974	103.00	326.00	606.00	709.00	774.00	1,110.00	1,030.00	132.00	4.44	251.00	156.00	0.00	5,200.00
1975	165.00	641.00	460.00	184.00	638.00	981.00	1,210.00	837.00	64.00	43.10	0.00	410.00	5,630.00
1976	259.00	182.00	628.00	87.40	752.00	1,070.00	1,190.00	632.00	50.20	159.00	29.40	1,290.00	6,330.00
1977	900.00	298.00	48.60	744.00	787.00	631.00	450.00	1,070.00	288.00	15.20	698.00	156.00	6,090.00
1978	63.00	121.00	345.00	788.00	857.00	1,320.00	1,390.00	1,890.00	540.00	209.00	62.80	231.00	7,820.00
1979	174.00	482.00	654.00	646.00	775.00	1,220.00	1,490.00	1,410.00	179.00	503.00	530.00	51.30	8,110.00
1980	367.00	294.00	280.00	770.00	957.00	1,150.00	1,590.00	1,730.00	904.00	121.00	3.74	0.00	8,170.00
1981	96.20	4.67	648.00	338.00	869.00	1,030.00	755.00	195.00	32.80	0.00	0.00	259.00	4,230.00
1982	141.00	108.00	370.00	727.00	847.00	1,120.00	1,460.00	1,530.00	234.00	508.00	583.00	571.00	8,210.00
1983	568.00	648.00	676.00	839.00	857.00	1,220.00	1,350.00	2,150.00	1,050.00	105.00	930.00	236.00	10,600.00
1984	211.00	545.00	744.00	816.00	832.00	940.00	399.00	83.30	41.90	482.00	467.00	256.00	5,820.00
1985	289.00	375.00	667.00	716.00	834.00	1,050.00	1,390.00	221.00	12.80	403.00	54.70	409.00	6,420.00
1986	479.00	469.00	783.00	803.00	879.00	1,310.00	1,320.00	252.00	15.40	374.00	236.00	297.00	7,220.00
1987	445.00	306.00	584.00	660.00	513.00	1,040.00	552.00	60.90	204.00	145.00	259.00	281.00	5,050.00
1988	848.00	839.00	587.00	740.00	852.00	466.00	709.00	372.00	23.80	0.00	370.00	54.10	5,860.00
1989	0.00	287.00	561.00	714.00	811.00	1,290.00	1,080.00	174.00	3.50	0.00	294.00	192.00	5,400.00
1990	198.00	105.00	132.00	658.00	765.00	1,070.00	560.00	205.00	201.00	448.00	223.00	376.00	4,940.00
1991	50.60	232.00	304.00	628.00	168.00	1,050.00	1,510.00	1,500.00	201.00	265.00	404.00	206.00	6,520.00
1992	135.00	286.00	450.00	769.00	916.00	1,190.00	1,490.00	335.00	16.60	72.30	572.00	39.50	6,280.00
1993	371.00	713.00	587.00	755.00	822.00	1,380.00	1,660.00	1,470.00	499.00	33.20	0.00	0.00	8,290.00
1994	66.40	520.00	523.00	200.00	761.00	1,230.00	1,190.00	449.00	20.60	6.02	317.00	14.90	5,300.00
1995	450.00	404.00	332.00	782.00	1,030.00	1,260.00	1,460.00	1,770.00	1,120.00	249.00	277.00	248.00	9,380.00
1996	3.74	11.90	368.00	429.00	945.00	1,250.00	1,520.00	355.00	21.70	29.80	134.00	28.60	5,090.00
1997	87.10	343.00	793.00	813.00	831.00	1,380.00	1,010.00	230.00	11.00	212.00	36.20	848.00	6,590.00
1998	449.00	537.00	684.00	797.00	783.00	1,230.00	1,450.00	1,740.00	1,360.00	213.00	490.00	43.90	9,780.00
Mean	230.00	370.00	495.00	614.00	750.00	1,040.00	1,080.00	783.00	217.00	177.00	239.00	219.00	6,210.00
Median	198.00	353.00	561.00	667.00	783.00	1,050.00	1,190.00	546.00	53.00	121.00	178.00	164.00	5,820.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to channel reach 3													
1950	34.30	98.30	116.00	192.00	232.00	45.40	42.00	4.03	0.00	0.00	0.00	15.90	779.00
1951	0.00	72.30	0.00	128.00	57.30	51.90	94.00	21.30	0.00	69.10	6.92	2.58	504.00
1952	43.60	33.40	640.00	1,220.00	100.00	1,240.00	324.00	21.20	0.00	30.40	0.00	0.00	3,650.00
1953	0.00	163.00	137.00	121.00	35.70	74.20	68.00	15.40	0.00	6.84	30.00	0.00	650.00
1954	2.58	34.20	41.20	373.00	192.00	617.00	60.70	0.00	0.00	30.90	0.00	18.00	1,370.00
1955	0.00	48.30	73.60	204.00	177.00	23.60	22.20	46.00	0.00	46.10	130.00	0.00	771.00
1956	0.00	59.40	106.00	335.00	67.30	2.96	67.00	16.30	0.00	3.06	0.00	0.00	653.00
1957	0.00	0.00	35.00	364.00	56.80	106.00	37.00	148.00	33.60	0.00	0.00	0.00	780.00
1958	109.00	75.50	111.00	123.00	297.00	916.00	1,100.00	0.00	0.00	0.00	0.00	65.00	2,800.00
1959	3.94	4.51	0.00	32.50	314.00	2.10	3.86	0.00	0.00	0.00	17.20	52.60	432.00
1960	32.80	50.70	179.00	134.00	272.00	83.50	61.40	2.96	0.00	0.00	0.48	27.90	845.00
1961	16.90	32.90	4.43	45.70	0.08	56.40	0.72	6.04	0.00	0.00	21.40	0.00	185.00
1962	7.16	55.20	98.70	113.00	369.00	173.00	0.31	37.90	0.89	0.00	0.00	29.50	884.00
1963	15.90	0.00	14.60	20.10	169.00	91.90	114.00	0.47	0.00	0.00	0.00	136.00	562.00
1964	42.00	183.00	2.72	155.00	17.20	189.00	128.00	34.90	0.00	21.30	0.00	36.30	809.00
1965	3.94	95.50	159.00	46.40	74.40	89.30	331.00	0.00	0.00	31.00	10.50	6.92	848.00
1966	0.00	793.00	586.00	214.00	388.00	42.90	0.86	0.00	0.00	0.00	0.00	8.13	2,030.00
1967	10.90	50.20	1,610.00	453.00	30.50	295.00	251.00	21.90	0.00	70.90	51.30	41.50	2,890.00
1968	0.24	82.80	150.00	48.60	14.00	79.40	111.00	35.50	0.00	68.80	0.08	0.00	591.00
1969	0.00	32.50	109.00	1,420.00	1,960.00	735.00	174.00	45.60	0.00	0.00	0.00	11.10	4,490.00
1970	0.00	62.60	10.80	63.60	35.70	349.00	27.10	0.08	0.00	13.30	97.20	0.00	660.00
1971	0.00	151.00	341.00	194.00	31.70	33.40	37.40	52.00	0.08	18.40	0.00	0.00	860.00
1972	42.70	6.44	380.00	17.50	49.80	0.00	19.20	1.85	48.00	0.00	34.50	0.56	600.00
1973	0.48	130.00	202.00	165.00	332.00	695.00	45.60	5.75	0.00	0.00	4.75	0.00	1,580.00
1974	4.75	98.00	12.60	385.00	0.70	136.00	88.70	0.00	0.00	24.80	1.37	0.00	751.00
1975	105.00	2.43	62.50	0.16	73.70	240.00	118.00	19.50	0.00	0.00	0.00	40.30	662.00
1976	23.90	91.50	7.75	0.00	354.00	174.00	41.50	70.30	0.00	9.90	0.08	320.00	1,090.00
1977	4.14	15.00	94.10	138.00	25.30	89.80	0.16	155.00	0.00	0.00	105.00	0.00	628.00
1978	0.00	9.90	246.00	1,050.00	935.00	1,630.00	374.00	60.00	0.00	27.80	0.00	15.10	4,350.00
1979	9.02	164.00	287.00	414.00	662.00	773.00	117.00	1.27	0.00	80.30	40.20	0.00	2,550.00
1980	93.10	0.00	44.40	773.00	2,900.00	973.00	141.00	121.00	0.00	0.00	0.00	0.00	5,050.00
1981	7.33	0.00	114.00	106.00	120.00	105.00	23.20	11.10	0.08	0.00	0.00	35.90	523.00
1982	4.75	53.80	34.40	640.00	553.00	742.00	320.00	0.00	0.00	64.60	64.30	83.40	2,560.00
1983	32.90	320.00	348.00	564.00	834.00	1,850.00	764.00	316.00	0.00	0.00	119.00	3.30	5,150.00
1984	11.00	395.00	554.00	44.90	0.00	0.48	23.90	0.16	0.00	45.70	35.20	18.80	1,130.00
1985	36.40	56.00	300.00	62.10	175.00	165.00	41.20	0.00	0.00	50.00	0.00	57.90	945.00
1986	34.10	238.00	93.50	73.50	257.00	352.00	5.80	0.00	0.00	52.60	12.50	78.10	1,200.00
1987	15.40	53.90	89.60	117.00	98.90	95.20	11.30	0.00	17.60	25.60	16.70	26.20	567.00
1988	128.00	84.60	93.70	151.00	53.70	24.90	74.70	9.42	0.08	0.00	20.60	0.00	640.00
1989	0.00	74.10	161.00	123.00	390.00	143.00	2.96	0.48	0.00	0.00	37.20	8.21	940.00
1990	11.20	11.50	3.78	221.00	151.00	14.60	35.10	33.70	0.08	51.40	17.60	44.10	595.00
1991	0.40	44.40	11.60	73.30	195.00	1,390.00	76.90	11.40	0.00	62.00	6.44	19.20	1,890.00
1992	56.40	0.08	111.00	124.00	305.00	213.00	46.20	0.00	0.00	0.00	71.00	0.00	927.00
1993	141.00	7.88	200.00	3,140.00	1,700.00	390.00	62.30	30.10	36.10	0.00	0.00	0.00	5,710.00
1994	0.00	102.00	28.60	36.30	312.00	126.00	68.70	0.47	0.00	0.00	25.30	0.00	699.00
1995	49.90	33.00	40.10	1,059.00	426.00	2,540.00	170.00	133.00	39.40	9.02	43.20	6.52	4,550.00
1996	0.00	0.00	52.50	117.00	415.00	286.00	59.70	0.00	0.00	0.00	17.60	0.00	948.00
1997	8.86	203.00	313.00	951.00	120.00	67.20	17.00	4.75	0.00	22.30	0.00	157.00	1,870.00
1998	1.11	162.00	106.00	253.00	1,560.00	810.00	445.00	320.00	7.32	0.00	37.50	0.00	3,710.00
Mean	23.40	92.60	174.00	343.00	365.00	394.00	128.00	37.00	3.74	19.10	21.90	27.90	1,630.00
Median	7.33	55.20	106.00	138.00	177.00	143.00	61.40	9.42	0.00	3.06	6.44	6.92	884.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Land-surface infiltration in the HRUs for channel reach 3													
1950	0.00	0.39	0.78	5.06	21.50	1.64	0.39	0.00	0.00	0.00	0.00	0.00	29.70
1951	0.00	0.39	0.00	0.70	0.55	1.25	0.39	0.00	0.00	0.00	0.00	0.00	3.50
1952	0.00	0.00	70.10	176.00	18.20	225.00	60.30	0.00	0.00	0.00	0.00	0.00	550.00
1953	0.00	1.95	5.30	7.40	0.70	2.18	0.00	0.00	0.00	0.00	0.00	0.00	17.60
1954	0.00	0.00	0.00	15.70	16.30	87.00	0.00	0.00	0.00	0.00	0.00	0.00	119.00
1955	0.00	0.00	0.00	5.45	10.00	0.00	0.00	0.00	0.00	0.00	0.55	0.00	16.40
1956	0.00	0.00	0.93	11.40	5.92	0.00	0.78	0.00	0.00	0.00	0.00	0.00	19.20
1957	0.00	0.00	0.00	19.90	2.80	7.24	0.23	1.48	0.00	0.00	0.00	0.00	31.90
1958	0.39	1.09	1.32	0.55	19.90	138.00	187.00	0.00	0.00	0.00	0.00	0.00	348.00
1959	0.00	0.00	0.00	0.00	12.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.80
1960	0.00	0.16	2.18	7.24	25.90	3.74	0.39	0.00	0.00	0.00	0.00	0.00	39.60
1961	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16
1962	0.00	0.16	1.25	1.48	30.40	21.10	0.00	0.00	0.00	0.00	0.00	0.00	54.00
1963	0.00	0.00	0.00	0.00	1.09	0.62	0.62	0.00	0.00	0.00	0.00	0.39	2.65
1964	0.00	2.02	0.00	2.02	0.00	2.96	5.22	0.39	0.00	0.00	0.00	0.00	13.20
1965	0.00	0.55	1.64	1.79	1.48	0.93	20.90	0.00	0.00	0.00	0.00	0.00	27.30
1966	0.00	73.90	119.00	26.10	54.20	6.46	0.00	0.00	0.00	0.00	0.00	0.00	280.00
1967	0.00	0.00	157.00	80.20	0.00	40.30	29.70	1.79	0.00	0.00	0.00	0.00	310.00
1968	0.00	0.55	3.19	0.55	0.00	0.39	0.23	0.00	0.00	0.00	0.00	0.00	4.75
1969	0.00	0.00	0.55	192.00	358.00	92.40	32.20	5.76	0.00	0.00	0.00	0.00	682.00
1970	0.00	0.16	0.00	0.39	0.00	16.70	0.00	0.00	0.00	0.00	0.00	0.00	17.20
1971	0.00	1.95	26.30	25.50	2.18	0.93	0.00	0.00	0.00	0.00	0.00	0.00	57.30
1972	0.00	0.00	20.10	0.00	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.10
1973	0.00	1.25	8.49	10.60	41.70	110.00	0.78	0.00	0.00	0.00	0.00	0.00	173.00
1974	0.00	0.55	0.16	19.50	0.00	7.16	1.71	0.00	0.00	0.00	0.00	0.00	29.30
1975	0.70	0.00	0.00	0.00	0.39	7.32	7.79	0.00	0.00	0.00	0.00	0.00	16.20
1976	0.00	0.55	0.00	0.00	15.40	16.00	1.09	0.23	0.00	0.00	0.00	5.06	38.50
1977	0.00	0.00	0.00	5.45	0.16	0.23	0.00	1.25	0.00	0.00	0.23	0.00	7.48
1978	0.00	0.00	6.54	160.00	186.00	284.00	56.40	9.34	0.00	0.00	0.00	0.00	702.00
1979	0.00	2.49	17.90	68.40	95.50	145.00	0.00	0.00	0.00	0.00	0.00	0.00	329.00
1980	0.00	0.00	0.00	87.80	452.00	167.00	28.00	11.40	0.00	0.00	0.00	0.00	747.00
1981	0.00	0.00	0.70	0.55	2.02	2.02	0.16	0.00	0.00	0.00	0.00	0.00	5.53
1982	0.00	0.00	0.00	54.90	81.60	141.00	39.80	0.00	0.00	0.00	0.16	0.39	318.00
1983	0.00	6.77	37.80	98.00	177.00	305.00	176.00	19.90	0.00	0.00	0.55	0.00	821.00
1984	0.00	19.50	73.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	92.90
1985	0.00	0.16	14.80	5.22	14.80	8.88	0.39	0.00	0.00	0.00	0.00	0.00	44.70
1986	0.00	4.98	6.07	0.39	10.30	36.10	0.55	0.00	0.00	0.00	0.00	0.16	58.80
1987	0.00	0.00	0.39	1.09	0.93	1.64	0.00	0.00	0.00	0.00	0.00	0.00	4.28
1988	0.93	1.48	0.78	3.66	1.64	0.23	0.39	0.00	0.00	0.00	0.00	0.00	9.42
1989	0.00	0.00	1.64	7.63	35.40	9.50	0.00	0.00	0.00	0.00	0.00	0.00	54.20
1990	0.00	0.00	0.00	3.58	7.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	11.30
1991	0.00	0.00	0.00	0.39	0.55	218.00	0.00	0.78	0.00	0.00	0.00	0.00	220.00
1992	0.00	0.00	0.39	3.58	16.90	19.40	3.74	0.00	0.00	0.00	0.00	0.00	44.00
1993	1.64	0.00	3.11	488.00	306.00	70.80	0.00	0.70	0.23	0.00	0.00	0.00	869.00
1994	0.00	0.70	0.00	0.00	13.10	5.53	0.78	0.00	0.00	0.00	0.00	0.00	20.10
1995	0.00	0.00	0.00	134.00	65.20	373.00	28.70	17.00	0.23	0.00	0.00	0.00	618.00
1996	0.00	0.00	0.00	0.55	30.50	31.80	2.10	0.00	0.00	0.00	0.00	0.00	65.00
1997	0.00	2.49	28.10	154.00	21.80	0.00	0.78	0.00	0.00	0.00	0.00	0.55	208.00
1998	0.00	1.09	3.58	16.30	260.00	161.00	54.10	45.70	0.62	0.00	0.00	0.00	542.00
Mean	0.07	2.56	12.50	38.80	49.40	56.50	15.10	2.36	0.02	0.00	0.03	0.13	178.00
Median	0.00	0.00	0.78	5.22	12.80	7.24	0.39	0.00	0.00	0.00	0.00	0.00	44.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for channel reach 3													
1950	0.01	0.25	0.32	0.09	0.81	0.04	0.09	0.02	0.00	0.00	0.00	0.00	1.63
1951	0.00	0.08	0.00	0.52	0.06	0.11	0.37	0.01	0.00	0.03	0.01	0.00	1.19
1952	0.02	0.05	8.57	2.34	0.11	3.67	0.41	0.00	0.01	0.09	0.00	0.00	15.30
1953	0.00	0.79	0.14	0.26	0.08	0.19	0.03	0.04	0.00	0.00	0.00	0.00	1.52
1954	0.00	0.01	0.00	2.33	0.45	2.51	0.01	0.00	0.00	0.04	0.01	0.01	5.37
1955	0.00	0.02	0.01	0.29	0.65	0.00	0.01	0.12	0.00	0.01	0.02	0.00	1.13
1956	0.00	0.01	0.14	4.24	0.08	0.00	0.12	0.01	0.00	0.00	0.00	0.00	4.60
1957	0.00	0.00	0.02	1.10	0.05	0.20	0.12	0.43	0.02	0.00	0.00	0.00	1.93
1958	0.09	0.12	0.38	0.65	1.47	1.40	4.06	0.02	0.00	0.00	0.00	0.05	8.25
1959	0.01	0.01	0.00	0.04	1.43	0.00	0.01	0.00	0.00	0.00	0.01	0.01	1.51
1960	0.03	0.03	0.18	0.31	0.53	0.27	0.25	0.01	0.00	0.00	0.00	0.01	1.63
1961	0.00	0.02	0.00	0.11	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.17
1962	0.00	0.08	0.29	0.40	1.26	0.23	0.00	0.14	0.01	0.00	0.00	0.01	2.41
1963	0.03	0.00	0.00	0.02	0.68	0.02	0.05	0.00	0.00	0.00	0.00	0.57	1.38
1964	0.10	0.54	0.00	0.73	0.02	1.23	0.40	0.09	0.00	0.01	0.00	0.01	3.12
1965	0.00	0.17	1.36	0.02	0.12	0.12	1.43	0.00	0.00	0.01	0.01	0.02	3.26
1966	0.00	6.76	1.02	0.12	0.74	0.08	0.02	0.00	0.00	0.01	0.00	0.01	8.75
1967	0.02	0.14	12.50	1.42	0.00	1.08	0.51	0.03	0.00	0.06	0.04	0.02	15.80
1968	0.00	0.03	0.29	0.13	0.02	0.33	0.03	0.01	0.00	0.02	0.00	0.00	0.85
1969	0.00	0.00	0.15	8.57	7.37	1.69	0.24	0.09	0.00	0.01	0.00	0.02	18.10
1970	0.00	0.05	0.01	0.12	0.02	3.49	0.03	0.00	0.00	0.01	0.08	0.00	3.80
1971	0.00	0.60	0.93	0.10	0.08	0.03	0.13	0.10	0.00	0.00	0.00	0.00	1.98
1972	0.10	0.00	1.87	0.00	0.10	0.00	0.01	0.01	0.09	0.00	0.01	0.00	2.19
1973	0.00	0.27	0.78	0.14	1.25	1.27	0.03	0.02	0.00	0.00	0.01	0.00	3.78
1974	0.01	0.19	0.02	1.70	0.01	0.35	0.06	0.00	0.00	0.02	0.01	0.00	2.36
1975	0.50	0.01	0.13	0.00	0.13	0.57	0.24	0.02	0.00	0.00	0.00	0.01	1.59
1976	0.01	0.47	0.00	0.00	1.83	0.82	0.07	0.05	0.00	0.03	0.00	2.60	5.88
1977	0.00	0.02	0.02	0.24	0.05	0.20	0.00	0.77	0.00	0.00	0.14	0.00	1.46
1978	0.00	0.00	0.96	2.57	3.44	8.59	0.56	0.07	0.00	0.04	0.00	0.03	16.30
1979	0.01	0.74	1.48	0.93	2.12	2.74	0.00	0.03	0.00	0.11	0.09	0.00	8.26
1980	0.03	0.00	0.04	4.19	20.00	4.06	0.30	0.25	0.00	0.00	0.00	0.00	28.90
1981	0.01	0.00	0.88	0.23	0.03	0.11	0.03	0.02	0.00	0.00	0.00	0.00	1.30
1982	0.00	0.18	0.04	3.60	2.32	2.48	0.52	0.01	0.00	0.16	0.31	0.52	10.10
1983	0.02	0.85	0.73	1.62	2.91	8.10	2.65	0.75	0.00	0.00	0.58	0.02	18.20
1984	0.00	1.69	2.58	0.00	0.00	0.01	0.03	0.00	0.00	0.04	0.03	0.01	4.40
1985	0.01	0.07	1.10	0.09	0.13	0.89	0.03	0.00	0.00	0.19	0.00	0.16	2.68
1986	0.01	1.05	0.17	0.04	0.37	0.85	0.02	0.00	0.00	0.16	0.01	0.26	2.93
1987	0.01	0.01	0.36	0.01	0.54	0.15	0.02	0.00	0.03	0.01	0.01	0.00	1.12
1988	0.60	0.23	0.04	0.62	0.02	0.06	0.25	0.01	0.00	0.00	0.02	0.00	1.85
1989	0.00	0.01	0.02	0.02	2.21	0.59	0.00	0.01	0.00	0.00	0.01	0.00	2.87
1990	0.01	0.00	0.00	0.63	0.67	0.02	0.04	0.01	0.00	0.10	0.02	0.01	1.51
1991	0.00	0.00	0.02	0.28	0.74	11.70	0.04	0.03	0.00	0.07	0.01	0.02	12.90
1992	0.02	0.00	0.28	0.44	0.78	0.25	0.08	0.01	0.00	0.00	0.13	0.00	2.00
1993	0.36	0.00	0.30	23.70	6.60	1.14	0.00	0.07	0.16	0.00	0.00	0.00	32.40
1994	0.00	0.52	0.01	0.01	1.01	0.19	0.14	0.00	0.00	0.00	0.07	0.00	1.96
1995	0.06	0.01	0.11	3.47	1.24	11.30	0.34	0.33	0.16	0.02	0.05	0.02	17.10
1996	0.00	0.00	0.18	0.04	2.28	0.24	0.08	0.00	0.00	0.00	0.01	0.00	2.83
1997	0.00	2.42	0.48	3.07	0.33	0.00	0.03	0.01	0.00	0.06	0.00	0.65	7.06
1998	0.00	0.29	0.29	1.37	4.64	3.20	0.87	0.99	0.02	0.01	0.14	0.00	11.80
Mean	0.04	0.38	0.80	1.49	1.46	1.56	0.30	0.09	0.01	0.03	0.04	0.10	6.31
Median	0.00	0.05	0.17	0.29	0.54	0.27	0.06	0.01	0.00	0.01	0.01	0.00	2.87

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for channel reach 3													
1950	0.04	0.04	0.03	0.05	0.10	0.08	0.09	0.07	0.07	0.07	0.04	0.04	0.71
1951	0.01	0.04	0.01	0.03	0.03	0.04	0.06	0.05	0.02	0.17	0.03	0.02	0.51
1952	0.03	0.02	0.07	0.20	0.13	0.35	0.32	0.40	0.32	0.38	0.20	0.12	2.54
1953	0.07	0.06	0.05	0.08	0.04	0.06	0.07	0.05	0.04	0.06	0.08	0.01	0.66
1954	0.01	0.02	0.01	0.07	0.10	0.20	0.21	0.23	0.20	0.25	0.09	0.08	1.48
1955	0.03	0.03	0.03	0.06	0.07	0.06	0.07	0.08	0.05	0.10	0.21	0.02	0.80
1956	0.01	0.03	0.03	0.04	0.05	0.06	0.08	0.07	0.06	0.06	0.02	0.02	0.52
1957	0.01	0.00	0.01	0.09	0.07	0.11	0.08	0.15	0.12	0.07	0.04	0.02	0.78
1958	0.06	0.05	0.04	0.04	0.10	0.25	0.44	0.36	0.38	0.34	0.25	0.17	2.48
1959	0.07	0.03	0.02	0.02	0.09	0.06	0.07	0.05	0.06	0.05	0.08	0.06	0.64
1960	0.03	0.03	0.05	0.05	0.08	0.12	0.11	0.09	0.10	0.09	0.05	0.07	0.86
1961	0.02	0.02	0.01	0.02	0.01	0.04	0.01	0.02	0.01	0.01	0.05	0.00	0.21
1962	0.01	0.02	0.03	0.04	0.10	0.13	0.14	0.14	0.11	0.10	0.08	0.08	0.97
1963	0.03	0.01	0.01	0.01	0.06	0.06	0.09	0.03	0.02	0.02	0.01	0.11	0.45
1964	0.04	0.07	0.02	0.05	0.02	0.08	0.10	0.08	0.07	0.11	0.03	0.05	0.70
1965	0.02	0.04	0.03	0.04	0.04	0.06	0.21	0.11	0.10	0.15	0.09	0.04	0.91
1966	0.02	0.14	0.17	0.11	0.14	0.17	0.19	0.19	0.18	0.15	0.11	0.07	1.64
1967	0.04	0.03	0.25	0.16	0.12	0.20	0.18	0.19	0.19	0.28	0.22	0.10	1.94
1968	0.03	0.05	0.05	0.03	0.03	0.05	0.06	0.05	0.02	0.15	0.02	0.01	0.53
1969	0.00	0.02	0.03	0.17	0.36	0.50	0.33	0.34	0.34	0.37	0.28	0.15	2.90
1970	0.06	0.06	0.02	0.03	0.02	0.14	0.08	0.07	0.08	0.10	0.18	0.02	0.85
1971	0.01	0.03	0.08	0.09	0.08	0.08	0.08	0.11	0.07	0.11	0.04	0.02	0.80
1972	0.02	0.01	0.07	0.05	0.06	0.07	0.06	0.05	0.12	0.03	0.07	0.02	0.62
1973	0.01	0.04	0.05	0.07	0.10	0.25	0.21	0.28	0.27	0.22	0.14	0.07	1.70
1974	0.04	0.04	0.02	0.09	0.04	0.09	0.10	0.08	0.08	0.11	0.05	0.02	0.76
1975	0.03	0.02	0.03	0.01	0.03	0.12	0.11	0.11	0.08	0.08	0.05	0.08	0.74
1976	0.03	0.03	0.02	0.01	0.10	0.11	0.10	0.14	0.10	0.11	0.04	0.21	0.98
1977	0.04	0.03	0.01	0.07	0.03	0.06	0.03	0.11	0.04	0.03	0.15	0.02	0.62
1978	0.01	0.01	0.05	0.21	0.27	0.65	0.42	0.42	0.46	0.44	0.24	0.12	3.29
1979	0.06	0.06	0.07	0.11	0.17	0.28	0.25	0.33	0.34	0.34	0.19	0.10	2.30
1980	0.07	0.02	0.04	0.15	0.59	0.56	0.43	0.33	0.39	0.44	0.27	0.16	3.43
1981	0.08	0.03	0.04	0.04	0.06	0.07	0.06	0.06	0.04	0.03	0.02	0.06	0.58
1982	0.01	0.01	0.02	0.13	0.19	0.28	0.28	0.31	0.29	0.35	0.22	0.12	2.21
1983	0.06	0.06	0.12	0.13	0.24	0.64	0.49	0.63	0.43	0.50	0.42	0.22	3.94
1984	0.09	0.12	0.11	0.11	0.09	0.10	0.10	0.10	0.08	0.16	0.10	0.05	1.19
1985	0.03	0.03	0.08	0.06	0.09	0.09	0.12	0.10	0.11	0.15	0.04	0.05	0.97
1986	0.05	0.05	0.06	0.06	0.11	0.18	0.14	0.16	0.16	0.18	0.11	0.07	1.31
1987	0.03	0.03	0.03	0.03	0.03	0.07	0.04	0.03	0.07	0.07	0.05	0.08	0.56
1988	0.07	0.06	0.04	0.05	0.05	0.04	0.07	0.05	0.03	0.02	0.07	0.01	0.56
1989	0.01	0.03	0.03	0.05	0.10	0.13	0.12	0.13	0.12	0.11	0.11	0.05	0.99
1990	0.03	0.02	0.01	0.05	0.08	0.06	0.08	0.07	0.05	0.16	0.07	0.07	0.74
1991	0.02	0.02	0.01	0.03	0.02	0.37	0.26	0.28	0.28	0.25	0.21	0.12	1.86
1992	0.07	0.02	0.04	0.05	0.12	0.14	0.16	0.15	0.13	0.12	0.19	0.04	1.22
1993	0.08	0.03	0.05	0.45	0.43	0.41	0.45	0.40	0.38	0.30	0.23	0.13	3.34
1994	0.07	0.05	0.03	0.03	0.10	0.12	0.11	0.07	0.09	0.07	0.10	0.02	0.84
1995	0.05	0.02	0.02	0.22	0.24	0.70	0.30	0.36	0.38	0.36	0.29	0.14	3.06
1996	0.07	0.04	0.03	0.03	0.12	0.21	0.18	0.17	0.17	0.15	0.13	0.04	1.34
1997	0.03	0.05	0.11	0.25	0.14	0.19	0.17	0.21	0.16	0.17	0.09	0.19	1.77
1998	0.03	0.06	0.05	0.09	0.28	0.34	0.36	0.39	0.34	0.44	0.34	0.14	2.83
Mean	0.04	0.04	0.05	0.08	0.12	0.19	0.17	0.17	0.16	0.17	0.13	0.07	1.38
Median	0.03	0.03	0.03	0.05	0.09	0.12	0.11	0.11	0.11	0.15	0.09	0.07	0.97

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Streamflow out of channel reach 3													
1950	36.80	100.00	118.00	200.00	292.00	90.60	68.50	18.40	7.30	3.92	2.06	16.90	955.00
1951	0.61	73.10	0.86	129.00	60.20	58.00	96.90	24.10	1.25	69.70	7.53	2.85	524.00
1952	43.70	33.80	669.00	1,760.00	351.00	1,990.00	704.00	260.00	159.00	121.00	48.00	25.00	6,170.00
1953	14.00	174.00	150.00	157.00	55.30	93.80	77.60	20.80	2.70	8.27	30.60	0.39	784.00
1954	2.84	34.50	41.50	391.00	256.00	734.00	245.00	107.00	55.70	61.70	16.50	26.50	1,970.00
1955	4.79	50.80	75.40	214.00	194.00	56.00	37.30	54.70	4.26	48.50	133.00	1.55	873.00
1956	0.85	59.90	109.00	344.00	104.00	32.60	84.70	25.80	4.76	5.62	1.37	0.69	774.00
1957	0.40	0.21	35.20	387.00	102.00	157.00	64.00	166.00	43.90	5.45	2.87	1.50	966.00
1958	111.00	79.80	117.00	127.00	341.00	1,110.00	1,870.00	249.00	170.00	99.30	52.70	92.60	4,430.00
1959	19.30	12.60	4.50	35.10	336.00	29.90	17.90	7.76	3.87	2.06	18.30	53.30	540.00
1960	33.20	51.50	182.00	154.00	326.00	157.00	98.40	23.70	10.40	5.66	3.48	29.40	1,080.00
1961	17.80	33.40	4.75	46.00	0.32	56.50	0.99	6.18	0.06	0.02	21.50	0.04	188.00
1962	7.21	55.40	102.00	117.00	405.00	294.00	68.10	76.00	20.40	10.70	5.60	32.50	1,190.00
1963	17.70	0.92	15.10	20.50	171.00	94.90	116.00	2.75	0.95	0.48	0.24	137.00	578.00
1964	42.90	187.00	7.02	160.00	22.20	198.00	150.00	48.30	6.56	24.90	1.88	37.30	886.00
1965	4.48	96.80	162.00	55.00	83.20	96.30	387.00	35.80	18.40	41.10	15.80	9.76	1,010.00
1966	1.55	857.00	823.00	455.00	629.00	231.00	108.00	59.20	30.50	16.80	8.83	12.70	3,230.00
1967	13.50	51.80	2,570.00	696.00	223.00	490.00	425.00	141.00	59.80	104.00	69.00	50.80	4,900.00
1968	5.45	85.60	159.00	56.60	19.50	83.20	114.00	36.80	0.57	69.10	0.34	0.10	629.00
1969	0.09	32.60	109.00	1,780.00	3,411.00	2,030.00	702.00	302.00	172.00	101.00	53.70	39.20	8,740.00
1970	15.80	71.30	15.80	66.90	37.20	398.00	51.90	13.90	6.95	17.00	99.30	1.26	795.00
1971	0.65	152.00	387.00	318.00	98.60	78.20	61.30	65.30	6.91	22.10	1.91	0.99	1,190.00
1972	43.30	6.93	396.00	67.40	80.60	17.80	28.50	6.85	50.50	1.41	35.20	0.99	736.00
1973	0.71	132.00	227.00	199.00	420.00	910.00	247.00	136.00	67.00	37.10	24.50	10.30	2,410.00
1974	10.50	102.00	16.30	432.00	32.10	175.00	114.00	13.00	6.56	28.40	3.22	0.96	933.00
1975	106.00	4.99	64.10	0.96	75.00	255.00	150.00	39.60	10.30	5.57	2.94	41.80	756.00
1976	24.70	92.40	9.45	0.86	391.00	246.00	79.60	92.30	11.00	15.90	3.26	331.00	1,300.00
1977	15.00	20.50	95.40	156.00	34.10	96.00	3.61	160.00	3.25	1.63	107.00	0.87	694.00
1978	0.42	10.10	251.00	1,300.00	1,470.00	3,162.00	1,010.00	359.00	190.00	147.00	63.70	48.40	8,020.00
1979	27.70	177.00	330.00	543.00	895.00	3,160.00	410.00	184.00	102.00	137.00	70.50	15.80	4,000.00
1980	102.00	4.70	47.20	848.00	5,340.00	2,610.00	700.00	424.00	190.00	119.00	63.60	33.10	10,500.00
1981	25.90	9.72	121.00	111.00	129.00	115.00	29.90	14.50	1.69	0.87	0.44	36.20	594.00
1982	4.90	54.10	34.90	719.00	781.00	1,030.00	671.00	197.00	116.00	129.00	99.20	102.00	3,940.00
1983	44.30	326.00	441.00	701.00	1,170.00	3,150.00	1,690.00	1,070.00	258.00	187.00	230.00	61.20	9,330.00
1984	43.50	437.00	665.00	219.00	88.50	52.10	50.90	14.80	7.51	49.90	37.30	20.00	1,690.00
1985	37.20	56.50	321.00	104.00	237.00	217.00	81.50	21.10	10.70	55.80	3.23	59.70	1,200.00
1986	35.40	241.00	124.00	89.90	284.00	454.00	78.70	40.20	20.60	63.90	18.60	81.60	1,530.00
1987	17.70	55.30	91.50	121.00	101.00	102.00	16.00	2.44	18.80	26.20	17.00	26.50	596.00
1988	130.00	90.30	97.90	162.00	66.50	32.40	79.10	12.30	1.45	0.69	21.10	0.25	694.00
1989	0.13	74.30	163.00	148.00	489.00	223.00	51.70	26.70	13.40	7.28	41.20	10.30	1,250.00
1990	12.40	12.20	4.18	226.00	171.00	33.60	45.00	39.10	2.82	52.90	18.50	44.70	661.00
1991	0.70	44.80	12.00	74.20	193.00	1,700.00	355.00	194.00	102.00	117.00	37.70	34.90	2,860.00
1992	65.20	4.73	114.00	136.00	345.00	275.00	115.00	35.40	18.20	9.98	76.30	2.85	1,200.00
1993	143.00	13.40	205.00	5,400.00	3,450.00	1,470.00	583.00	272.00	202.00	95.60	50.80	26.50	11,900.00
1994	14.80	111.00	34.40	39.50	337.00	162.00	94.10	15.10	7.15	3.88	27.40	1.10	848.00
1995	50.80	33.50	40.50	1,230.00	678.00	5,200.00	650.00	410.00	221.00	118.00	101.00	36.90	8,770.00
1996	17.00	8.87	57.70	119.00	444.00	434.00	150.00	50.30	25.80	14.10	25.00	3.92	1,350.00
1997	11.10	208.00	366.00	1,190.00	333.00	261.00	127.00	65.00	31.20	39.60	9.08	162.00	2,810.00
1998	4.98	165.00	119.00	295.00	2,010.00	1,380.00	1,080.00	648.00	207.00	132.00	108.00	36.80	6,180.00
Mean	28.20	97.00	210.00	455.00	563.00	682.00	291.00	128.00	54.70	49.70	38.60	36.80	2,630.00
Median	15.80	55.40	109.00	160.00	256.00	223.00	108.00	48.30	18.20	28.40	21.50	26.50	1,190.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for channel reach 4													
1950	2,200.00	4,090.00	5,540.00	8,170.00	6,200.00	2,060.00	2,010.00	713.00	0.00	62.90	126.00	1,030.00	32,200.00
1951	159.00	4,030.00	206.00	6,340.00	3,440.00	1,980.00	5,790.00	1,010.00	0.00	3,520.00	809.00	396.00	27,700.00
1952	2,270.00	2,120.00	23,100.00	11,000.00	1,870.00	14,100.00	5,820.00	0.00	111.00	2,160.00	32.70	143.00	62,700.00
1953	0.00	7,550.00	6,330.00	4,120.00	1,660.00	3,170.00	3,490.00	1,430.00	0.00	555.00	1,410.00	0.00	29,700.00
1954	555.00	2,090.00	1,820.00	13,300.00	5,090.00	14,400.00	270.00	32.70	191.00	2,080.00	301.00	967.00	41,100.00
1955	0.00	2,360.00	3,540.00	9,280.00	7,060.00	78.70	1,210.00	2,850.00	0.00	2,090.00	5,740.00	0.00	34,200.00
1956	0.00	2,870.00	4,540.00	12,600.00	1,940.00	0.00	3,920.00	905.00	0.00	555.00	0.00	0.00	27,300.00
1957	143.00	0.00	1,790.00	14,200.00	2,060.00	3,920.00	2,630.00	7,200.00	1,540.00	206.00	159.00	0.00	33,900.00
1958	6,380.00	4,080.00	4,880.00	5,150.00	9,790.00	18,700.00	11,000.00	413.00	0.00	0.00	0.00	3,140.00	63,500.00
1959	555.00	713.00	15.80	1,630.00	11,900.00	0.00	572.00	270.00	0.00	206.00	1,510.00	2,550.00	19,900.00
1960	2,140.00	2,140.00	8,070.00	5,080.00	8,980.00	1,660.00	3,300.00	460.00	0.00	126.00	317.00	1,810.00	34,100.00
1961	1,170.00	2,320.00	746.00	2,170.00	0.00	3,600.00	350.00	682.00	0.00	78.70	1,870.00	0.00	13,000.00
1962	952.00	2,810.00	4,680.00	5,080.00	12,800.00	4,330.00	0.00	2,780.00	333.00	0.00	0.00	1,390.00	35,100.00
1963	1,390.00	174.00	1,130.00	1,490.00	7,450.00	4,810.00	5,790.00	0.00	0.00	0.00	492.00	6,200.00	28,900.00
1964	2,200.00	7,960.00	429.00	6,840.00	1,600.00	8,090.00	5,870.00	2,140.00	0.00	1,090.00	0.00	1,870.00	38,100.00
1965	587.00	4,710.00	6,660.00	2,360.00	3,010.00	5,230.00	12,000.00	32.70	0.00	1,760.00	1,190.00	856.00	38,400.00
1966	159.00	21,600.00	9,550.00	2,540.00	4,240.00	1,650.00	476.00	32.70	0.00	460.00	126.00	905.00	41,700.00
1967	1,300.00	2,390.00	28,600.00	6,410.00	0.00	7,030.00	7,830.00	746.00	78.70	3,170.00	3,090.00	2,390.00	63,100.00
1968	0.00	4,620.00	6,040.00	2,620.00	1,240.00	4,240.00	4,710.00	1,620.00	0.00	3,920.00	174.00	0.00	29,200.00
1969	572.00	1,510.00	4,960.00	27,900.00	20,000.00	5,330.00	2,190.00	1,700.00	0.00	350.00	0.00	826.00	65,300.00
1970	301.00	3,840.00	682.00	3,620.00	2,170.00	11,800.00	1,620.00	0.00	0.00	1,090.00	5,080.00	78.70	30,200.00
1971	222.00	6,550.00	10,200.00	3,900.00	1,600.00	1,390.00	3,000.00	3,300.00	0.00	1,280.00	237.00	78.70	31,800.00
1972	2,520.00	619.00	13,900.00	78.70	1,940.00	0.00	1,010.00	667.00	3,390.00	126.00	1,950.00	174.00	26,400.00
1973	1,170.00	5,770.00	7,250.00	6,600.00	9,770.00	12,500.00	746.00	492.00	0.00	0.00	967.00	0.00	45,300.00
1974	572.00	4,920.00	936.00	13,300.00	492.00	5,600.00	3,330.00	143.00	0.00	1,600.00	682.00	0.00	31,600.00
1975	4,850.00	237.00	3,360.00	237.00	4,220.00	11,400.00	5,270.00	1,190.00	0.00	222.00	0.00	2,510.00	33,500.00
1976	1,870.00	3,970.00	793.00	0.00	12,200.00	4,960.00	2,920.00	2,890.00	15.80	1,050.00	0.00	13,200.00	43,900.00
1977	476.00	1,440.00	4,000.00	5,550.00	1,790.00	4,080.00	492.00	7,570.00	396.00	15.80	5,110.00	0.00	30,900.00
1978	284.00	697.00	9,910.00	19,300.00	12,100.00	16,700.00	5,150.00	1,080.00	0.00	1,330.00	0.00	1,350.00	67,900.00
1979	984.00	7,450.00	9,070.00	11,100.00	8,690.00	13,800.00	0.00	539.00	0.00	3,590.00	2,680.00	32.70	58,000.00
1980	3,760.00	284.00	2,460.00	22,800.00	27,600.00	10,500.00	3,630.00	2,540.00	15.80	126.00	0.00	0.00	73,700.00
1981	572.00	0.00	4,600.00	5,060.00	5,110.00	5,350.00	1,940.00	952.00	0.00	0.00	0.00	1,630.00	25,200.00
1982	697.00	2,600.00	1,740.00	18,500.00	8,230.00	13,200.00	3,360.00	301.00	0.00	3,630.00	3,570.00	4,710.00	60,600.00
1983	1,740.00	13,400.00	7,790.00	11,800.00	12,800.00	18,100.00	11,700.00	1,470.00	0.00	0.00	6,120.00	793.00	85,600.00
1984	1,050.00	13,900.00	12,600.00	0.00	62.90	333.00	1,920.00	95.70	222.00	3,410.00	2,250.00	1,520.00	37,300.00
1985	1,650.00	3,700.00	11,700.00	2,810.00	5,110.00	6,820.00	1,860.00	0.00	0.00	2,680.00	0.00	2,920.00	39,300.00
1986	2,360.00	9,980.00	2,870.00	3,300.00	9,800.00	9,930.00	509.00	0.00	0.00	2,740.00	904.00	3,550.00	45,900.00
1987	889.00	2,300.00	4,010.00	5,040.00	4,630.00	4,950.00	872.00	159.00	1,190.00	1,270.00	1,270.00	1,540.00	28,100.00
1988	6,960.00	4,430.00	4,950.00	5,980.00	2,030.00	1,430.00	5,190.00	952.00	0.00	0.00	2,240.00	111.00	34,300.00
1989	0.00	3,350.00	7,680.00	3,980.00	10,300.00	5,170.00	0.00	476.00	0.00	0.00	1,840.00	1,010.00	33,800.00
1990	1,170.00	730.00	634.00	9,550.00	5,360.00	1,320.00	2,390.00	1,570.00	413.00	2,790.00	1,140.00	2,320.00	29,400.00
1991	126.00	2,250.00	1,090.00	3,930.00	8,140.00	24,100.00	126.00	634.00	0.00	3,280.00	602.00	1,140.00	45,400.00
1992	2,390.00	159.00	5,440.00	5,080.00	10,700.00	9,220.00	967.00	301.00	0.00	380.00	3,600.00	0.00	38,300.00
1993	6,920.00	0.00	9,220.00	37,600.00	16,800.00	4,700.00	0.00	1,330.00	1,920.00	0.00	0.00	0.00	78,500.00
1994	350.00	4,850.00	1,650.00	1,810.00	11,500.00	5,230.00	4,190.00	237.00	0.00	32.70	1,890.00	0.00	31,800.00
1995	2,840.00	2,570.00	2,730.00	23,900.00	5,730.00	26,700.00	2,850.00	3,930.00	2,000.00	634.00	1,970.00	999.00	76,800.00
1996	0.00	62.90	2,760.00	5,610.00	14,400.00	5,810.00	2,430.00	32.70	0.00	159.00	952.00	0.00	32,200.00
1997	793.00	7,930.00	9,680.00	15,900.00	3,170.00	0.00	1,110.00	476.00	0.00	1,430.00	0.00	7,390.00	47,800.00
1998	396.00	7,370.00	4,440.00	9,040.00	24,400.00	11,600.00	4,350.00	6,790.00	476.00	222.00	2,840.00	126.00	72,000.00
Mean	1,440.00	3,990.00	5,730.00	8,240.00	7,170.00	7,160.00	3,110.00	1,330.00	251.00	1,130.00	1,330.00	1,460.00	42,300.00
Median	1,430.00	3,990.00	5,730.00	8,240.00	7,190.00	7,270.00	3,130.00	1,340.00	256.00	1,150.00	1,360.00	1,470.00	42,600.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for channel reach 4													
1950	1,980.00	3,560.00	3,110.00	3,620.00	5,080.00	6,330.00	5,160.00	1,250.00	82.40	62.90	126.00	994.00	31,400.00
1951	195.00	2,830.00	1,210.00	2,760.00	3,890.00	4,630.00	3,230.00	3,810.00	325.00	2,530.00	1,600.00	549.00	27,600.00
1952	1,130.00	2,360.00	3,630.00	3,850.00	4,790.00	5,830.00	8,810.00	12,200.00	3,310.00	2,260.00	456.00	170.00	48,800.00
1953	0.00	2,960.00	3,880.00	5,020.00	4,010.00	5,170.00	2,680.00	3,250.00	277.00	561.00	1,280.00	142.00	29,200.00
1954	541.00	1,780.00	1,960.00	2,850.00	5,860.00	6,040.00	9,490.00	5,300.00	724.00	1,960.00	474.00	943.00	37,900.00
1955	24.30	2,070.00	3,230.00	3,700.00	4,100.00	6,200.00	3,270.00	3,150.00	216.00	1,720.00	5,150.00	857.00	33,700.00
1956	107.00	1,980.00	3,890.00	2,460.00	4,050.00	6,450.00	5,670.00	1,570.00	155.00	556.00	2.12	0.00	26,900.00
1957	143.00	0.00	1,660.00	3,500.00	5,470.00	6,590.00	5,530.00	6,550.00	2,810.00	537.00	180.00	0.00	33,000.00
1958	4,180.00	4,290.00	4,190.00	3,300.00	4,920.00	5,890.00	9,180.00	12,400.00	2,960.00	430.00	36.50	2,300.00	54,000.00
1959	1,280.00	808.00	38.00	1,520.00	3,510.00	6,490.00	2,020.00	445.00	3.30	206.00	1,470.00	2,260.00	20,100.00
1960	1,420.00	2,940.00	2,930.00	3,760.00	4,370.00	7,110.00	5,650.00	2,660.00	205.00	132.00	317.00	1,750.00	33,300.00
1961	1,160.00	1,830.00	1,250.00	839.00	1,290.00	2,300.00	1,640.00	764.00	18.90	78.70	1,660.00	205.00	13,000.00
1962	780.00	1,500.00	3,810.00	3,700.00	4,100.00	6,000.00	7,940.00	3,580.00	763.00	50.90	0.00	1,050.00	33,300.00
1963	1,570.00	337.00	879.00	1,620.00	4,630.00	5,550.00	5,180.00	2,550.00	215.00	6.52	492.00	4,970.00	28,000.00
1964	2,890.00	4,340.00	3,740.00	2,820.00	4,230.00	5,080.00	7,910.00	4,540.00	405.00	802.00	319.00	1,250.00	38,300.00
1965	1,150.00	3,050.00	2,440.00	4,600.00	4,350.00	5,390.00	8,630.00	4,400.00	388.00	1,120.00	1,770.00	906.00	38,200.00
1966	207.00	2,790.00	4,450.00	4,330.00	4,550.00	7,770.00	7,500.00	1,470.00	186.00	468.00	126.00	746.00	34,600.00
1967	1,430.00	2,180.00	4,470.00	4,930.00	5,480.00	7,370.00	7,070.00	9,940.00	2,380.00	3,120.00	3,120.00	2,540.00	54,000.00
1968	269.00	2,010.00	3,780.00	4,060.00	4,000.00	4,170.00	4,790.00	1,870.00	252.00	2,790.00	1,220.00	88.60	29,300.00
1969	553.00	1,290.00	1,860.00	4,580.00	4,390.00	7,360.00	9,130.00	11,900.00	3,470.00	894.00	54.50	807.00	46,300.00
1970	319.00	3,220.00	1,210.00	2,950.00	1,750.00	7,110.00	5,690.00	1,180.00	107.00	1,060.00	4,140.00	955.00	29,700.00
1971	318.00	710.00	4,160.00	4,950.00	5,120.00	5,900.00	3,690.00	3,100.00	721.00	1,190.00	396.00	78.70	30,300.00
1972	2,090.00	983.00	2,650.00	4,470.00	5,340.00	2,660.00	1,030.00	845.00	3,180.00	348.00	965.00	1,100.00	25,700.00
1973	1,230.00	3,020.00	4,100.00	4,100.00	4,800.00	5,920.00	9,130.00	6,820.00	701.00	86.30	968.00	0.00	40,900.00
1974	570.00	1,870.00	3,550.00	4,330.00	4,900.00	6,670.00	5,760.00	774.00	64.80	1,410.00	874.00	3.22	30,800.00
1975	906.00	3,800.00	2,700.00	1,100.00	3,670.00	5,760.00	7,290.00	4,590.00	431.00	264.00	0.00	2,310.00	32,800.00
1976	1,490.00	1,030.00	3,720.00	531.00	4,680.00	6,720.00	6,700.00	3,630.00	391.00	914.00	166.00	7,780.00	37,800.00
1977	5,240.00	1,730.00	333.00	4,570.00	4,570.00	3,630.00	2,620.00	6,280.00	1,720.00	157.00	4,010.00	984.00	35,800.00
1978	398.00	681.00	2,010.00	4,700.00	5,200.00	8,190.00	8,770.00	12,400.00	4,180.00	1,560.00	438.00	1,310.00	49,800.00
1979	980.00	2,830.00	4,060.00	3,920.00	4,860.00	7,480.00	9,710.00	8,380.00	1,270.00	3,000.00	3,090.00	367.00	49,900.00
1980	2,210.00	1,740.00	1,630.00	4,510.00	5,950.00	7,090.00	10,200.00	11,300.00	6,460.00	1,270.00	146.00	1.47	52,500.00
1981	539.00	32.80	3,880.00	1,950.00	5,340.00	6,070.00	4,230.00	1,160.00	222.00	1.83	0.00	1,510.00	24,900.00
1982	810.00	610.00	2,160.00	4,380.00	5,430.00	6,850.00	9,400.00	9,400.00	1,620.00	3,000.00	3,380.00	3,300.00	50,300.00
1983	3,340.00	3,940.00	4,180.00	5,200.00	5,240.00	7,370.00	8,470.00	14,100.00	7,470.00	1,240.00	5,440.00	1,430.00	67,400.00
1984	1,210.00	3,260.00	4,620.00	5,350.00	5,370.00	5,140.00	2,210.00	491.00	242.00	2,670.00	2,670.00	1,480.00	34,700.00
1985	1,690.00	2,130.00	3,890.00	4,450.00	5,230.00	6,300.00	7,760.00	1,220.00	127.00	2,300.00	361.00	2,370.00	37,800.00
1986	2,750.00	2,840.00	4,900.00	4,670.00	5,370.00	8,080.00	7,640.00	1,330.00	145.00	2,130.00	1,370.00	1,730.00	43,000.00
1987	2,630.00	1,840.00	3,550.00	4,020.00	2,880.00	6,200.00	3,150.00	412.00	1,160.00	853.00	1,480.00	1,630.00	29,800.00
1988	4,870.00	5,030.00	3,450.00	4,550.00	5,000.00	2,560.00	4,000.00	2,160.00	190.00	1.47	2,040.00	309.00	34,200.00
1989	1.42	1,680.00	3,180.00	4,540.00	5,100.00	7,980.00	5,950.00	1,030.00	60.60	0.00	1,700.00	1,100.00	32,300.00
1990	1,110.00	598.00	747.00	3,930.00	4,730.00	6,170.00	3,160.00	1,230.00	1,170.00	2,580.00	1,310.00	2,200.00	28,900.00
1991	336.00	1,330.00	1,740.00	3,660.00	965.00	6,430.00	9,850.00	9,240.00	1,420.00	1,580.00	2,380.00	1,220.00	40,200.00
1992	815.00	1,680.00	2,580.00	4,760.00	5,580.00	7,120.00	8,660.00	1,770.00	153.00	386.00	3,280.00	298.00	37,100.00
1993	2,110.00	4,280.00	3,500.00	4,490.00	4,920.00	8,910.00	11,000.00	10,100.00	3,880.00	472.00	43.10	0.00	53,700.00
1994	350.00	3,080.00	3,010.00	1,170.00	4,630.00	7,540.00	6,730.00	2,580.00	200.00	37.90	1,770.00	117.00	31,200.00
1995	2,560.00	2,290.00	1,890.00	4,550.00	6,650.00	7,900.00	9,480.00	11,400.00	7,400.00	1,980.00	1,730.00	1,430.00	59,300.00
1996	56.50	62.90	2,120.00	2,530.00	5,710.00	7,870.00	8,920.00	1,930.00	203.00	166.00	767.00	184.00	30,500.00
1997	474.00	2,070.00	4,870.00	4,910.00	5,360.00	8,870.00	5,710.00	1,390.00	130.00	1,200.00	226.00	4,870.00	40,100.00
1998	2,700.00	3,190.00	4,240.00	4,890.00	4,590.00	7,680.00	9,230.00	11,100.00	8,560.00	1,700.00	2,860.00	302.00	61,100.00
Mean	1,330.00	2,170.00	2,960.00	3,710.00	4,610.00	6,320.00	6,460.00	4,790.00	1,480.00	1,100.00	1,380.00	1,280.00	37,600.00
Median	1,320.00	2,140.00	2,960.00	3,720.00	4,600.00	6,320.00	6,490.00	4,870.00	1,510.00	1,120.00	1,410.00	1,290.00	37,800.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to channel reach 4													
1950	11.80	7.96	11.40	38.40	285.00	211.00	125.00	68.90	35.10	19.70	10.90	6.50	831.00
1951	3.24	4.06	4.33	5.49	12.30	28.50	13.60	14.00	6.54	4.70	3.60	1.07	100.00
1952	1.04	1.44	193.00	2,800.00	1,670.00	3,680.00	2,440.00	1,500.00	762.00	426.00	227.00	119.00	13,800.00
1953	66.30	49.30	63.40	165.00	91.80	91.60	45.00	26.00	13.40	7.80	3.40	2.20	626.00
1954	1.10	1.07	1.52	86.60	301.00	678.00	967.00	504.00	263.00	147.00	78.80	41.50	3,070.00
1955	22.40	11.70	9.30	49.70	77.10	151.00	69.90	40.60	20.90	11.10	11.90	7.59	485.00
1956	4.33	3.60	15.20	42.90	168.00	139.00	82.80	46.00	24.00	13.10	7.61	3.27	547.00
1957	2.17	1.07	1.07	113.00	211.00	238.00	127.00	85.10	50.10	27.20	15.20	7.61	876.00
1958	7.69	19.30	25.80	20.60	206.00	1,180.00	3,760.00	1,620.00	839.00	469.00	251.00	131.00	8,520.00
1959	73.80	37.90	21.10	11.60	98.80	131.00	66.60	37.60	19.40	10.70	6.44	3.21	517.00
1960	2.11	5.05	13.50	92.80	257.00	339.00	174.00	98.30	51.10	28.30	15.20	8.64	1,080.00
1961	4.34	2.17	1.10	1.07	1.07	1.04	1.07	1.04	0.03	0.00	0.00	0.00	15.40
1962	0.00	1.40	17.20	19.80	171.00	566.00	318.00	179.00	93.20	52.00	28.10	14.10	1,460.00
1963	8.68	4.31	2.17	1.10	10.80	13.70	13.30	10.20	5.58	3.33	1.13	4.87	80.20
1964	4.75	19.90	20.30	24.40	25.00	36.90	106.00	63.90	32.80	18.20	9.13	5.60	366.00
1965	2.30	6.95	10.40	40.80	41.10	33.80	263.00	169.00	88.30	49.20	26.80	13.40	743.00
1966	7.83	416.00	1,490.00	1,480.00	1,550.00	955.00	502.00	279.00	145.00	81.20	43.20	22.20	6,970.00
1967	12.70	7.78	3,470.00	1,320.00	1,090.00	1,030.00	862.00	555.00	282.00	158.00	85.60	45.20	8,910.00
1968	25.60	14.20	40.80	37.40	24.80	16.80	12.00	6.02	3.33	2.22	1.10	0.03	185.00
1969	0.03	0.00	2.29	1,580.00	5,530.00	5,410.00	2,970.00	1,670.00	856.00	479.00	256.00	134.00	18,900.00
1970	74.50	40.30	23.10	15.60	8.47	221.00	116.00	65.90	34.40	19.30	11.10	6.41	636.00
1971	4.23	2.51	218.00	582.00	312.00	209.00	111.00	62.60	33.20	18.30	9.68	5.37	1,570.00
1972	3.58	2.14	78.10	233.00	144.00	83.90	44.10	24.80	13.30	7.54	3.24	2.14	640.00
1973	1.07	11.90	115.00	159.00	418.00	1,290.00	1,130.00	611.00	318.00	178.00	94.60	48.90	4,370.00
1974	27.60	16.80	17.90	222.00	147.00	181.00	119.00	62.20	32.20	17.80	9.97	5.53	858.00
1975	3.76	11.40	6.89	4.30	6.52	66.30	153.00	96.30	49.50	27.50	15.40	7.70	448.00
1976	4.38	2.57	8.66	4.30	171.00	340.00	178.00	104.00	52.90	30.20	16.20	52.00	964.00
1977	52.10	25.90	14.00	77.00	41.40	27.70	15.70	23.10	15.50	8.64	6.22	4.30	312.00
1978	2.19	1.07	20.00	1,540.00	2,810.00	6,250.00	3,330.00	1,990.00	1,010.00	562.00	302.00	158.00	18,000.00
1979	88.30	61.20	202.00	615.00	1,470.00	2,010.00	1,850.00	922.00	481.00	269.00	145.00	76.00	8,190.00
1980	43.30	22.20	12.70	413.00	6,890.00	6,590.00	3,110.00	2,030.00	1,010.00	564.00	301.00	158.00	21,100.00
1981	87.20	46.20	33.60	19.40	39.50	46.90	31.40	16.70	8.89	5.50	2.24	1.13	338.00
1982	1.07	0.03	1.44	391.00	1,330.00	1,760.00	2,150.00	1,050.00	546.00	306.00	165.00	88.30	7,780.00
1983	53.50	39.80	425.00	750.00	2,120.00	5,530.00	4,200.00	3,730.00	1,720.00	959.00	518.00	273.00	20,300.00
1984	153.00	197.00	627.00	871.00	413.00	241.00	127.00	70.10	37.20	20.20	10.70	6.37	2,770.00
1985	4.23	3.53	93.10	192.00	288.00	241.00	190.00	101.00	51.90	29.80	15.50	8.81	1,220.00
1986	5.87	14.90	145.00	77.20	128.00	481.00	341.00	190.00	98.50	55.80	30.60	16.80	1,580.00
1987	11.20	6.59	8.11	20.10	11.40	33.50	23.00	12.20	6.63	4.36	1.17	1.10	138.00
1988	7.37	25.40	20.40	54.40	60.50	35.60	19.90	14.10	6.93	4.53	2.27	1.13	253.00
1989	1.07	0.40	9.87	118.00	462.00	375.00	228.00	125.00	65.00	35.80	19.50	9.78	1,450.00
1990	6.47	2.20	1.10	21.60	89.30	89.80	46.70	26.30	14.20	9.07	5.40	3.23	318.00
1991	1.10	1.07	1.07	4.05	2.14	1,670.00	1,780.00	919.00	479.00	267.00	143.00	75.70	5,350.00
1992	42.00	22.10	13.10	56.20	185.00	288.00	321.00	168.00	87.00	48.40	26.80	14.30	1,270.00
1993	9.59	25.30	24.40	6,990.00	6,800.00	4,730.00	2,920.00	1,550.00	810.00	451.00	241.00	126.00	24,700.00
1994	70.30	44.10	26.80	14.80	115.00	172.00	119.00	69.10	35.10	19.70	10.90	6.50	703.00
1995	3.27	2.14	1.47	1,040.00	1,620.00	8,130.00	2,850.00	1,840.00	927.00	516.00	275.00	144.00	17,300.00
1996	80.80	42.00	24.50	15.50	136.00	698.00	423.00	238.00	123.00	68.90	36.60	19.40	1,900.00
1997	10.70	21.80	247.00	1,500.00	1,320.00	1,030.00	514.00	284.00	148.00	82.60	44.50	26.00	5,230.00
1998	19.90	13.70	57.50	194.00	2,200.00	3,110.00	3,270.00	2,170.00	1,120.00	622.00	334.00	174.00	13,300.00
Mean	23.20	27.00	161.00	492.00	848.00	1,240.00	870.00	521.00	264.00	147.00	79.20	42.70	4,720.00
Median	23.40	27.40	164.00	502.00	860.00	1,260.00	886.00	531.00	269.00	150.00	80.60	43.40	4,800.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for channel reach 4													
1950	0.10	0.15	0.19	0.56	1.05	0.39	0.33	0.09	0.00	0.00	0.01	0.04	2.91
1951	0.00	0.09	0.01	0.17	0.15	0.13	0.28	0.05	0.00	0.08	0.02	0.01	0.99
1952	0.03	0.04	3.61	13.90	1.55	21.30	7.20	0.00	0.06	0.56	0.01	0.02	48.20
1953	0.00	0.68	0.67	0.62	0.21	0.40	0.29	0.10	0.00	0.02	0.04	0.00	3.03
1954	0.01	0.02	0.02	0.77	0.96	5.77	0.10	0.01	0.04	0.34	0.04	0.10	8.18
1955	0.00	0.12	0.14	0.59	0.83	0.01	0.13	0.28	0.00	0.09	0.21	0.00	2.39
1956	0.00	0.06	0.15	0.59	0.31	0.00	0.51	0.09	0.00	0.03	0.00	0.00	1.72
1957	0.00	0.00	0.02	1.26	0.39	0.80	0.40	0.91	0.16	0.02	0.01	0.00	3.96
1958	0.21	0.21	0.27	0.27	1.23	8.89	20.10	0.37	0.00	0.00	0.00	0.48	32.00
1959	0.06	0.06	0.00	0.09	1.01	0.00	0.06	0.03	0.00	0.01	0.05	0.06	1.42
1960	0.04	0.04	0.27	0.53	1.67	0.37	0.54	0.07	0.00	0.01	0.02	0.08	3.63
1961	0.04	0.05	0.01	0.03	0.00	0.04	0.01	0.01	0.00	0.00	0.01	0.00	0.19
1962	0.01	0.03	0.15	0.25	1.91	1.38	0.00	0.51	0.05	0.00	0.00	0.07	4.34
1963	0.06	0.01	0.02	0.03	0.14	0.22	0.26	0.00	0.00	0.00	0.01	0.09	0.83
1964	0.06	0.30	0.03	0.36	0.10	0.52	0.73	0.25	0.00	0.06	0.00	0.05	2.46
1965	0.01	0.11	0.22	0.19	0.24	0.40	1.77	0.01	0.00	0.15	0.08	0.04	3.22
1966	0.01	3.86	6.28	1.33	3.46	0.79	0.14	0.01	0.00	0.05	0.01	0.05	16.00
1967	0.07	0.10	23.40	2.55	0.00	2.80	3.21	0.25	0.02	0.56	0.38	0.24	33.60
1968	0.00	0.23	0.38	0.20	0.09	0.25	0.22	0.05	0.00	0.06	0.00	0.00	1.48
1969	0.00	0.01	0.08	22.80	48.00	15.80	3.81	1.70	0.00	0.10	0.00	0.14	92.40
1970	0.03	0.35	0.05	0.19	0.09	0.98	0.22	0.00	0.00	0.07	0.21	0.00	2.19
1971	0.01	0.13	1.56	1.11	0.39	0.28	0.43	0.35	0.00	0.07	0.01	0.00	4.35
1972	0.06	0.01	1.08	0.01	0.32	0.00	0.09	0.04	0.18	0.00	0.05	0.00	1.85
1973	0.02	0.14	0.66	1.03	2.34	7.43	0.32	0.19	0.00	0.00	0.14	0.00	12.30
1974	0.04	0.27	0.06	1.32	0.08	0.93	0.52	0.02	0.00	0.09	0.03	0.00	3.34
1975	0.11	0.02	0.12	0.01	0.12	0.90	0.85	0.15	0.00	0.01	0.00	0.10	2.38
1976	0.05	0.09	0.03	0.00	0.94	0.97	0.56	0.44	0.00	0.07	0.00	0.81	3.95
1977	0.05	0.10	0.18	0.44	0.15	0.27	0.03	0.41	0.02	0.00	0.15	0.00	1.80
1978	0.01	0.01	0.34	11.10	16.60	45.50	8.68	1.35	0.00	0.39	0.00	0.25	84.20
1979	0.12	0.78	1.22	3.31	5.27	11.90	0.00	0.31	0.00	0.77	0.44	0.00	24.20
1980	0.32	0.02	0.11	3.94	102.00	35.20	5.25	2.72	0.01	0.04	0.00	0.00	149.00
1981	0.07	0.00	0.38	0.28	0.33	0.45	0.16	0.05	0.00	0.00	0.00	0.03	1.74
1982	0.01	0.03	0.03	2.43	3.05	10.90	4.99	0.18	0.00	0.80	0.59	0.57	23.60
1983	0.16	1.11	1.55	6.17	13.10	43.80	22.00	3.94	0.00	0.00	1.94	0.17	93.90
1984	0.20	2.20	3.75	0.00	0.02	0.07	0.29	0.01	0.02	0.19	0.10	0.05	6.90
1985	0.04	0.08	1.03	0.50	1.05	1.34	0.34	0.00	0.00	0.19	0.00	0.12	4.69
1986	0.08	0.49	0.46	0.35	1.22	2.57	0.14	0.00	0.00	0.26	0.07	0.19	5.83
1987	0.04	0.08	0.12	0.22	0.21	0.34	0.06	0.01	0.05	0.03	0.02	0.02	1.19
1988	0.17	0.27	0.29	0.42	0.20	0.13	0.31	0.05	0.00	0.00	0.04	0.00	1.87
1989	0.00	0.03	0.17	0.45	1.80	1.26	0.00	0.08	0.00	0.00	0.12	0.04	3.95
1990	0.04	0.02	0.01	0.37	0.57	0.16	0.22	0.10	0.02	0.11	0.03	0.05	1.69
1991	0.00	0.03	0.02	0.07	0.16	11.60	0.20	0.33	0.00	0.67	0.10	0.15	13.30
1992	0.19	0.01	0.26	0.35	1.44	2.13	0.27	0.06	0.00	0.04	0.27	0.00	5.01
1993	0.30	0.00	0.56	94.00	47.80	8.49	0.00	1.04	1.00	0.00	0.00	0.00	153.00
1994	0.04	0.45	0.12	0.09	0.99	0.88	0.60	0.03	0.00	0.00	0.08	0.00	3.28
1995	0.07	0.05	0.05	6.85	3.77	90.90	3.97	4.06	0.92	0.20	0.42	0.19	111.00
1996	0.00	0.01	0.19	0.27	1.91	1.90	0.68	0.01	0.00	0.02	0.07	0.00	5.06
1997	0.03	0.30	1.66	9.16	1.79	0.00	0.40	0.12	0.00	0.17	0.00	0.50	14.10
1998	0.02	0.35	0.32	1.19	22.80	17.20	9.13	7.14	0.36	0.07	0.74	0.03	59.30
Mean	0.06	0.28	1.07	3.93	6.00	7.32	2.06	0.57	0.06	0.13	0.13	0.10	21.70
Median	0.04	0.08	0.19	0.45	0.96	0.90	0.32	0.09	0.00	0.05	0.03	0.04	3.96

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year End	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for channel reach 4													
1950	0.41	0.32	0.20	0.32	1.32	1.52	1.69	1.48	1.41	1.37	0.86	0.45	11.40
1951	0.26	0.18	0.16	0.13	0.24	0.54	0.49	0.71	0.58	0.60	0.44	0.25	4.58
1952	0.12	0.10	0.36	5.74	4.67	10.70	11.90	12.10	6.35	6.62	4.42	2.40	65.40
1953	1.30	0.49	0.46	0.98	0.67	0.94	0.83	0.82	0.84	0.90	0.53	0.28	9.05
1954	0.14	0.08	0.08	0.40	1.59	2.58	5.49	4.48	3.92	3.92	2.02	1.25	25.90
1955	0.62	0.32	0.19	0.37	0.55	1.27	1.05	1.12	1.04	0.91	0.95	0.61	8.98
1956	0.28	0.14	0.24	0.27	0.80	1.27	1.19	1.28	1.22	1.01	0.61	0.41	8.71
1957	0.17	0.09	0.06	0.48	1.28	1.62	1.53	1.62	2.03	1.70	1.06	0.55	12.20
1958	0.30	0.30	0.35	0.30	1.05	4.05	17.70	12.90	7.89	6.48	4.79	2.57	58.70
1959	1.39	0.54	0.40	0.25	0.60	1.32	1.34	1.09	1.20	1.11	0.64	0.34	10.20
1960	0.20	0.19	0.18	0.53	1.06	2.06	1.95	1.95	1.97	1.76	1.07	0.63	13.50
1961	0.27	0.12	0.08	0.07	0.08	0.09	0.18	0.15	0.16	0.12	0.10	0.08	1.48
1962	0.05	0.05	0.24	0.27	0.68	2.11	2.89	2.44	2.47	2.16	1.59	0.85	15.80
1963	0.41	0.19	0.12	0.08	0.28	0.38	0.46	0.64	0.51	0.47	0.31	0.39	4.22
1964	0.31	0.30	0.31	0.29	0.38	0.57	1.39	1.49	1.43	1.38	0.90	0.45	9.19
1965	0.26	0.18	0.18	0.45	0.49	0.58	2.30	2.50	2.03	2.11	1.51	0.66	13.20
1966	0.44	1.14	3.28	3.51	4.16	4.03	3.68	3.64	3.34	2.87	2.05	1.10	33.20
1967	0.50	0.25	7.69	3.43	3.65	4.22	3.39	4.30	3.90	4.47	3.09	1.43	40.30
1968	0.80	0.37	0.37	0.41	0.49	0.46	0.50	0.50	0.46	0.42	0.28	0.16	5.21
1969	0.08	0.05	0.07	3.24	12.80	19.20	14.80	13.40	7.43	7.17	5.37	2.85	86.40
1970	1.10	0.60	0.34	0.28	0.26	1.60	1.44	1.77	1.60	1.54	1.03	0.52	12.10
1971	0.25	0.13	0.72	1.76	1.47	1.65	1.45	1.54	1.55	1.40	0.98	0.52	13.40
1972	0.25	0.13	0.23	1.02	1.08	1.32	1.03	1.07	1.02	0.92	0.55	0.28	8.90
1973	0.15	0.21	0.63	0.74	1.48	4.13	6.03	5.70	5.27	4.21	2.83	1.35	32.70
1974	0.74	0.36	0.30	0.93	0.97	1.45	1.59	1.68	1.61	1.30	0.83	0.51	12.30
1975	0.23	0.31	0.17	0.14	0.19	0.72	1.48	2.03	1.82	1.68	1.03	0.61	10.40
1976	0.28	0.14	0.21	0.16	0.96	1.89	1.84	2.24	2.00	1.69	1.00	1.17	13.60
1977	0.99	0.50	0.27	0.58	0.57	0.50	0.60	0.79	1.08	0.93	0.67	0.41	7.91
1978	0.22	0.10	0.16	3.83	7.92	24.20	15.80	15.10	11.10	7.95	5.01	2.34	93.80
1979	1.20	0.62	0.80	1.41	4.17	7.81	10.40	7.26	6.40	5.33	3.26	2.11	50.80
1980	0.91	0.40	0.30	1.34	19.00	22.90	17.20	13.30	9.67	8.46	5.04	2.99	102.00
1981	1.55	0.66	0.49	0.34	0.57	0.71	0.90	0.87	0.96	0.71	0.47	0.26	8.48
1982	0.11	0.07	0.11	1.18	4.49	6.17	11.10	7.90	5.44	5.58	3.92	2.10	48.10
1983	0.99	0.48	1.18	2.17	6.33	20.10	18.80	27.50	16.60	11.50	7.03	4.14	117.00
1984	1.79	1.05	1.83	2.65	1.74	1.91	1.73	2.20	1.66	1.57	1.03	0.62	19.80
1985	0.25	0.13	0.44	0.92	1.44	1.55	2.33	2.15	2.17	1.91	1.12	0.54	14.90
1986	0.34	0.24	0.89	0.76	0.99	2.64	2.87	3.12	2.97	2.30	1.75	0.73	19.60
1987	0.44	0.23	0.19	0.28	0.26	0.59	0.83	0.78	0.71	0.50	0.37	0.21	5.41
1988	0.32	0.43	0.26	0.51	0.73	0.75	0.71	0.80	0.70	0.63	0.40	0.24	6.47
1989	0.13	0.07	0.12	0.72	1.66	2.47	2.83	2.44	2.27	2.08	1.20	0.69	16.70
1990	0.34	0.17	0.10	0.27	0.73	1.16	1.11	1.06	1.12	0.99	0.62	0.38	8.07
1991	0.19	0.09	0.07	0.14	0.14	5.75	10.40	6.68	5.57	5.22	3.45	2.07	39.80
1992	1.12	0.48	0.25	0.54	1.15	1.80	3.11	3.08	2.50	2.21	1.64	0.84	18.70
1993	0.45	0.45	0.27	14.60	17.60	20.90	17.90	13.50	8.51	5.96	4.46	2.55	107.00
1994	1.26	0.58	0.37	0.31	0.76	1.60	1.73	1.66	1.83	1.43	1.00	0.50	13.00
1995	0.24	0.11	0.09	2.73	6.66	28.90	14.80	12.10	8.83	7.49	5.37	2.93	90.30
1996	1.39	0.69	0.38	0.29	0.85	3.25	3.59	3.53	3.26	3.00	1.95	0.93	23.10
1997	0.49	0.34	1.06	4.06	4.28	5.16	3.62	4.49	3.23	2.79	2.08	1.22	32.80
1998	0.62	0.34	0.47	0.97	5.58	11.90	15.50	13.40	9.76	8.57	6.27	2.84	76.20
Mean	0.54	0.32	0.57	1.37	2.67	5.00	5.05	4.66	3.50	3.01	2.02	1.11	29.80
Median	0.34	0.25	0.27	0.53	1.05	1.80	1.95	2.20	2.03	1.76	1.07	0.63	13.60

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year End	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual total	
													Simulated	Measured
Streamflow out of channel reach 4														
1950	2.47	1.75	2.46	8.19	60.60	45.20	26.50	14.40	7.36	3.99	2.10	1.11	176.00	0.00
1951	0.62	0.82	0.83	1.02	2.69	6.06	2.84	2.89	1.28	0.77	0.54	0.27	20.60	6.10
1952	0.20	0.37	26.10	527.00	239.00	737.00	341.00	233.00	159.00	90.50	48.20	25.10	2,430.00	2,920.00
1953	14.00	10.60	13.40	35.50	19.60	19.50	9.66	5.50	2.73	1.44	0.78	0.40	133.00	0.80
1954	0.23	0.17	0.29	18.00	64.40	115.00	185.00	108.00	55.90	30.90	16.50	8.62	603.00	349.00
1955	4.82	2.56	1.91	10.50	16.20	32.50	15.00	8.63	4.29	2.38	2.38	1.55	103.00	297.00
1956	0.86	0.60	3.21	8.49	36.20	29.70	17.50	9.53	4.82	2.63	1.39	0.71	116.00	56.00
1957	0.41	0.21	0.14	23.50	45.50	50.80	27.10	18.30	10.30	5.52	2.91	1.52	186.00	3.40
1958	1.45	4.12	5.40	4.23	43.40	186.00	753.00	242.00	170.00	99.60	53.00	27.80	1,590.00	2,600.00
1959	15.50	8.13	4.52	2.49	20.80	27.90	14.10	7.79	3.93	2.10	1.14	0.65	109.00	54.00
1960	0.42	0.88	2.83	19.70	55.00	72.40	37.00	20.90	10.50	5.74	3.05	1.60	230.00	7.30
1961	0.92	0.50	0.31	0.19	0.20	0.19	0.30	0.15	0.07	0.03	0.03	0.04	2.92	2.40
1962	0.03	0.18	3.57	4.03	35.80	121.00	67.90	38.20	19.60	10.80	5.67	2.99	310.00	18.00
1963	1.75	0.93	0.53	0.31	2.38	2.99	2.84	2.24	0.96	0.50	0.26	0.94	16.60	1.80
1964	1.01	4.08	4.40	5.28	5.32	7.83	22.60	13.50	6.62	3.59	1.88	1.00	77.10	14.00
1965	0.57	1.31	2.31	8.60	8.78	7.24	55.90	35.90	18.50	10.20	5.37	2.83	157.00	14.00
1966	1.57	61.70	234.00	235.00	230.00	188.00	107.00	59.40	30.70	16.90	8.94	4.67	1,180.00	362.00
1967	2.65	1.67	956.00	235.00	191.00	194.00	175.00	119.00	60.00	33.30	17.70	9.44	2,000.00	747.00
1968	5.22	3.03	8.60	7.92	5.40	3.74	2.57	1.26	0.59	0.34	0.22	0.11	39.00	16.00
1969	0.07	0.06	0.67	360.00	1,450.00	1,290.00	504.00	246.00	173.00	102.00	54.00	28.20	4,210.00	1,580.00
1970	15.80	8.68	4.95	3.32	1.83	46.90	25.00	13.80	7.03	3.81	2.16	1.20	135.00	379.00
1971	0.66	0.50	46.20	124.00	66.90	44.90	23.70	13.30	6.82	3.71	1.94	1.01	333.00	132.00
1972	0.74	0.47	16.00	50.00	30.80	17.80	9.27	5.08	2.74	1.44	0.77	0.41	136.00	75.00
1973	0.24	2.59	24.80	33.90	88.60	210.00	201.00	131.00	67.30	37.30	19.80	10.40	827.00	662.00
1974	5.81	3.63	3.73	47.20	31.50	38.70	25.40	13.00	6.64	3.65	1.92	0.98	182.00	417.00
1975	0.79	2.55	1.52	0.80	1.30	13.90	32.70	20.30	10.40	5.65	2.99	1.60	94.40	398.00
1976	0.92	0.62	1.82	0.87	36.40	72.40	38.20	22.10	11.10	6.09	3.24	10.80	204.00	143.00
1977	11.00	5.48	3.08	16.30	8.78	6.14	3.41	4.74	3.17	1.67	1.17	0.81	65.80	563.00
1978	0.43	0.23	4.11	240.00	521.00	1,530.00	621.00	276.00	190.00	120.00	63.90	33.50	3,600.00	7,410.00
1979	18.70	13.20	42.90	129.00	218.00	322.00	280.00	183.00	102.00	57.00	30.50	15.90	1,410.00	321.00
1980	9.01	4.71	2.71	73.60	2,440.00	1,630.00	537.00	278.00	190.00	120.00	63.90	33.30	5,380.00	12,200.00
1981	18.60	9.75	7.39	4.07	8.35	9.89	6.52	3.42	1.68	0.90	0.46	0.28	71.30	708.00
1982	0.16	0.14	0.40	77.70	220.00	274.00	333.00	197.00	117.00	64.90	34.90	18.80	1,340.00	1,230.00
1983	11.30	8.57	89.50	134.00	318.00	1,300.00	924.00	736.00	245.00	187.00	111.00	58.00	4,120.00	3,330.00
1984	32.60	41.70	109.00	174.00	88.60	51.60	26.90	14.80	7.59	4.17	2.33	1.26	554.00	873.00
1985	0.79	0.57	19.70	41.30	61.40	51.60	40.40	21.20	10.80	6.04	3.27	1.81	259.00	592.00
1986	1.26	3.00	30.70	16.40	27.20	101.00	73.10	40.30	20.70	11.60	6.15	3.48	335.00	985.00
1987	2.42	1.32	1.81	4.14	2.46	6.91	4.71	2.47	1.24	0.68	0.36	0.20	28.70	225.00
1988	1.53	5.53	4.34	11.60	12.90	7.49	4.27	2.79	1.37	0.71	0.41	0.24	53.10	72.00
1989	0.13	0.18	2.08	25.00	97.60	80.20	48.80	26.30	13.50	7.38	3.99	2.08	307.00	0.00
1990	1.19	0.63	0.37	4.76	19.00	19.20	9.98	5.46	2.77	1.68	0.95	0.58	66.60	0.00
1991	0.32	0.24	0.25	0.87	0.44	295.00	263.00	183.00	102.00	56.70	30.30	15.80	948.00	747.00
1992	8.85	4.67	2.85	11.80	39.40	61.40	68.60	35.60	18.40	10.10	5.53	2.88	270.00	45.00
1993	1.96	5.35	5.09	2,250.00	1,740.00	1,080.00	493.00	237.00	166.00	96.00	51.00	26.60	6,160.00	3,150.00
1994	14.90	9.41	5.87	3.15	24.40	36.70	25.40	14.50	7.23	3.95	2.11	1.11	149.00	36.00
1995	0.74	0.48	0.41	161.00	241.00	2,660.00	452.00	260.00	182.00	110.00	58.30	30.40	4,150.00	2,510.00
1996	17.00	8.90	5.28	3.21	27.90	147.00	90.30	50.40	25.90	14.20	7.55	3.95	402.00	129.00
1997	2.22	4.53	52.40	228.00	208.00	194.00	110.00	60.50	31.30	17.40	9.16	5.48	923.00	99.00
1998	4.01	3.05	12.00	41.20	434.00	542.00	614.00	300.00	200.00	132.00	70.60	36.90	2,390.00	1,570.00
Mean	4.87	5.19	36.20	111.00	195.00	285.00	158.00	88.50	50.90	30.80	16.70	8.97	991.00	980.00
Median	1.45	2.55	4.11	16.40	36.40	51.60	38.20	21.20	10.80	6.04	3.24	1.81	259.00	297.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Channel infiltration for reach 4													
1950	9.07	6.40	9.03	30.00	222.00	166.00	97.30	52.80	27.00	14.60	7.72	4.08	646.00
1951	2.26	2.99	3.05	3.74	9.86	22.20	10.40	10.60	4.68	2.80	1.97	0.98	75.60
1952	0.75	1.36	136.00	2,300.00	1,440.00	2,940.00	2,100.00	1,270.00	602.00	332.00	177.00	92.10	11,400.00
1953	51.50	38.80	49.20	130.00	71.80	71.70	35.40	20.20	10.00	5.28	2.85	1.48	488.00
1954	0.85	0.61	1.06	66.00	236.00	551.00	790.00	395.00	205.00	113.00	60.70	31.60	2,450.00
1955	17.70	9.40	6.99	38.60	59.30	119.00	54.90	31.70	15.70	8.73	8.74	5.67	377.00
1956	3.15	2.21	11.80	31.10	133.00	109.00	64.30	35.00	17.70	9.64	5.09	2.58	424.00
1957	1.49	0.77	0.51	86.10	167.00	186.00	99.30	66.90	37.80	20.20	10.70	5.58	682.00
1958	5.32	15.10	19.80	15.50	159.00	978.00	3,010.00	1,370.00	666.00	365.00	194.00	102.00	6,900.00
1959	56.80	29.80	16.60	9.12	76.40	102.00	51.60	28.60	14.40	7.71	4.18	2.38	400.00
1960	1.54	3.23	10.40	72.10	202.00	266.00	136.00	76.60	38.60	21.10	11.20	5.88	844.00
1961	3.37	1.84	1.14	0.70	0.75	0.68	1.10	0.55	0.24	0.11	0.12	0.14	10.70
1962	0.13	0.67	13.10	14.80	131.00	445.00	249.00	140.00	72.00	39.60	20.80	11.00	1,140.00
1963	6.40	3.40	1.93	1.14	8.73	11.00	10.40	8.20	3.53	1.82	0.94	3.46	60.90
1964	3.70	15.00	16.10	19.40	19.50	28.70	82.80	49.70	24.30	13.20	6.91	3.68	283.00
1965	2.09	4.81	8.47	31.50	32.20	26.50	205.00	131.00	67.80	37.20	19.70	10.40	577.00
1966	5.75	344.00	1,240.00	1,250.00	1,330.00	769.00	394.00	218.00	113.00	62.10	32.80	17.10	5,780.00
1967	9.72	6.11	2,520.00	1,080.00	909.00	833.00	687.00	436.00	220.00	122.00	64.90	34.60	6,910.00
1968	19.10	11.10	31.50	29.00	19.80	13.70	9.44	4.60	2.17	1.23	0.82	0.41	143.00
1969	0.24	0.22	2.46	1,200.00	4,050.00	4,190.00	2,470.00	1,430.00	682.00	372.00	198.00	103.00	14,700.00
1970	58.10	31.80	18.10	12.20	6.72	172.00	91.60	50.70	25.80	14.00	7.91	4.42	493.00
1971	2.42	1.83	169.00	457.00	245.00	164.00	87.10	48.70	25.00	13.60	7.13	3.71	1,230.00
1972	2.73	1.72	58.80	183.00	113.00	65.40	34.00	18.60	10.00	5.29	2.81	1.52	497.00
1973	0.86	9.51	90.90	124.00	328.00	1,070.00	931.00	479.00	247.00	137.00	72.80	38.00	3,530.00
1974	21.30	13.30	13.70	173.00	116.00	142.00	93.00	47.80	24.40	13.40	7.05	3.61	668.00
1975	2.89	9.35	5.57	2.93	4.78	50.80	120.00	74.30	38.00	20.70	11.00	5.85	346.00
1976	3.38	2.27	6.66	3.19	133.00	265.00	140.00	81.00	40.70	22.30	11.90	39.40	750.00
1977	40.20	20.10	11.30	59.90	32.20	22.50	12.50	17.40	11.60	6.11	4.29	2.96	241.00
1978	1.58	0.86	15.10	1,290.00	2,300.00	4,730.00	2,710.00	1,720.00	814.00	439.00	234.00	123.00	14,400.00
1979	68.70	48.40	157.00	484.00	1,240.00	1,680.00	1,580.00	737.00	375.00	209.00	112.00	58.10	6,750.00
1980	33.00	17.30	9.95	322.00	4,490.00	5,000.00	2,570.00	1,750.00	818.00	439.00	234.00	122.00	15,800.00
1981	68.30	35.70	27.10	14.90	30.60	36.30	23.90	12.50	6.16	3.30	1.69	1.02	262.00
1982	0.59	0.52	1.46	307.00	1,100.00	1,470.00	1,830.00	849.00	427.00	238.00	128.00	69.00	6,420.00
1983	41.30	31.40	332.00	603.00	1,790.00	4,250.00	3,270.00	3,000.00	1,470.00	767.00	406.00	213.00	16,200.00
1984	119.00	153.00	508.00	704.00	325.00	189.00	98.80	54.10	27.80	15.30	8.56	4.60	2,210.00
1985	2.89	2.08	72.10	151.00	225.00	189.00	148.00	77.60	39.60	22.10	12.00	6.65	949.00
1986	4.63	11.00	113.00	60.30	99.70	377.00	268.00	148.00	76.10	42.40	22.60	12.80	1,240.00
1987	8.88	4.85	6.65	15.20	9.03	25.30	17.30	9.07	4.56	2.49	1.31	0.73	105.00
1988	5.62	20.30	15.90	42.50	47.20	27.50	15.70	10.20	5.04	2.62	1.51	0.87	195.00
1989	0.48	0.66	7.61	91.60	361.00	294.00	179.00	96.60	49.60	27.10	14.60	7.63	1,130.00
1990	4.35	2.32	1.34	17.50	69.70	70.40	36.60	20.00	10.10	6.16	3.48	2.12	244.00
1991	1.16	0.89	0.91	3.17	1.59	1,350.00	1,530.00	736.00	375.00	208.00	111.00	57.80	4,370.00
1992	32.50	17.10	10.50	43.40	145.00	225.00	251.00	130.00	67.30	37.00	20.30	10.60	990.00
1993	7.18	19.60	18.70	4,770.00	5,070.00	3,660.00	2,430.00	1,320.00	642.00	352.00	187.00	97.50	18,600.00
1994	54.60	34.50	21.50	11.50	89.60	135.00	93.00	53.30	26.50	14.50	7.75	4.09	546.00
1995	2.72	1.75	1.52	862.00	1,370.00	5,520.00	2,400.00	1,580.00	744.00	402.00	214.00	112.00	13,200.00
1996	62.50	32.60	19.30	11.80	102.00	551.00	331.00	185.00	95.00	52.20	27.70	14.50	1,480.00
1997	8.15	16.60	192.00	1,250.00	1,110.00	844.00	403.00	222.00	115.00	63.60	33.60	20.10	4,290.00
1998	14.70	11.20	44.10	151.00	1,740.00	2,570.00	2,670.00	1,870.00	917.00	485.00	259.00	135.00	10,900.00
Mean	17.90	21.40	123.00	380.00	652.00	959.00	713.00	432.00	211.00	114.00	61.10	32.90	3,720.00
Median	5.32	9.35	15.10	60.30	133.00	189.00	140.00	77.60	39.60	22.10	11.90	6.65	949.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for channel reach 5													
1950	4,850.00	9,000.00	12,200.00	18,000.00	13,600.00	4,540.00	4,430.00	1,570.00	0.00	139.00	279.00	2,270.00	70,900.00
1951	349.00	8,860.00	454.00	14,000.00	7,570.00	4,360.00	12,700.00	2,230.00	0.00	7,750.00	1,780.00	872.00	60,900.00
1952	4,990.00	4,680.00	50,800.00	24,100.00	4,120.00	31,000.00	12,800.00	0.00	245.00	4,750.00	70.50	315.00	137,900.00
1953	0.00	16,600.00	13,900.00	9,070.00	3,670.00	6,980.00	7,680.00	3,140.00	0.00	1,220.00	3,110.00	0.00	65,400.00
1954	1,220.00	4,610.00	4,010.00	29,200.00	11,200.00	31,700.00	594.00	70.50	419.00	4,570.00	664.00	2,130.00	90,400.00
1955	0.00	5,200.00	7,780.00	20,400.00	15,500.00	175.00	2,650.00	6,280.00	0.00	4,610.00	12,600.00	0.00	75,300.00
1956	0.00	6,320.00	9,980.00	27,700.00	4,260.00	0.00	8,620.00	1,990.00	0.00	1,220.00	0.00	0.00	60,100.00
1957	314.00	0.00	3,940.00	31,300.00	4,540.00	8,620.00	5,790.00	15,800.00	3,390.00	454.00	349.00	0.00	74,500.00
1958	14,000.00	8,970.00	10,700.00	11,300.00	21,500.00	41,200.00	24,200.00	908.00	0.00	0.00	0.00	6,910.00	139,800.00
1959	1,220.00	1,570.00	35.10	3,600.00	26,100.00	0.00	1,260.00	594.00	0.00	454.00	3,320.00	5,620.00	43,800.00
1960	4,710.00	4,710.00	17,800.00	11,200.00	19,800.00	3,670.00	7,260.00	1,010.00	0.00	279.00	698.00	3,980.00	75,000.00
1961	2,580.00	5,100.00	1,640.00	4,780.00	0.00	7,920.00	768.00	1,500.00	0.00	174.00	4,120.00	0.00	28,600.00
1962	2,090.00	6,180.00	10,300.00	11,200.00	28,100.00	9,530.00	0.00	6,110.00	732.00	0.00	0.00	3,070.00	77,200.00
1963	3,070.00	384.00	2,480.00	3,280.00	16,400.00	10,600.00	12,700.00	0.00	0.00	0.00	1,080.00	13,600.00	63,700.00
1964	4,850.00	17,500.00	942.00	15,000.00	3,530.00	17,800.00	12,900.00	4,710.00	0.00	2,410.00	0.00	4,120.00	83,800.00
1965	1,290.00	10,400.00	14,700.00	5,200.00	6,630.00	11,500.00	26,300.00	70.50	0.00	3,870.00	2,620.00	1,880.00	84,400.00
1966	349.00	47,400.00	21,000.00	5,580.00	9,320.00	3,630.00	1,050.00	70.50	0.00	1,010.00	279.00	1,990.00	91,700.00
1967	2,860.00	5,270.00	63,000.00	14,100.00	0.00	15,500.00	17,200.00	1,640.00	175.00	6,980.00	6,810.00	5,270.00	138,800.00
1968	0.00	10,200.00	13,300.00	5,760.00	2,720.00	9,320.00	10,400.00	3,560.00	0.00	8,620.00	384.00	0.00	64,200.00
1969	1,260.00	3,320.00	10,900.00	61,500.00	44,000.00	11,700.00	4,820.00	3,730.00	0.00	768.00	0.00	1,820.00	143,800.00
1970	664.00	8,450.00	1,500.00	7,960.00	4,780.00	25,900.00	3,560.00	0.00	0.00	2,410.00	11,200.00	175.00	66,600.00
1971	488.00	14,400.00	22,500.00	8,590.00	3,530.00	3,070.00	6,600.00	7,260.00	0.00	2,830.00	524.00	175.00	70,000.00
1972	5,550.00	1,360.00	30,500.00	175.00	4,260.00	0.00	2,230.00	1,470.00	7,470.00	279.00	4,290.00	384.00	58,000.00
1973	2,580.00	12,700.00	16,000.00	14,500.00	21,500.00	27,500.00	1,640.00	1,080.00	0.00	0.00	2,130.00	0.00	99,600.00
1974	1,260.00	10,800.00	2,060.00	29,300.00	1,080.00	12,300.00	7,330.00	314.00	0.00	3,530.00	1,500.00	0.00	69,500.00
1975	10,700.00	524.00	7,400.00	523.00	9,280.00	25,000.00	11,600.00	2,620.00	0.00	488.00	0.00	5,510.00	73,600.00
1976	4,120.00	8,730.00	1,750.00	0.00	26,900.00	10,900.00	6,420.00	6,350.00	35.10	2,300.00	0.00	29,000.00	96,600.00
1977	1,050.00	3,180.00	8,800.00	12,200.00	3,940.00	8,970.00	1,080.00	16,600.00	872.00	35.10	11,200.00	0.00	68,000.00
1978	628.00	1,540.00	21,800.00	42,500.00	26,700.00	36,700.00	11,300.00	2,370.00	0.00	2,930.00	0.00	2,970.00	149,400.00
1979	2,160.00	16,400.00	20,000.00	24,400.00	19,100.00	30,500.00	0.00	1,190.00	0.00	7,890.00	5,900.00	70.50	127,600.00
1980	8,270.00	628.00	5,410.00	50,100.00	60,800.00	23,100.00	7,990.00	5,580.00	35.10	279.00	0.00	0.00	162,300.00
1981	1,260.00	0.00	10,100.00	11,100.00	11,200.00	11,800.00	4,260.00	2,090.00	0.00	0.00	0.00	3,600.00	55,500.00
1982	1,540.00	5,720.00	3,840.00	40,700.00	18,100.00	29,100.00	7,400.00	664.00	0.00	7,990.00	7,850.00	10,400.00	133,300.00
1983	3,840.00	29,500.00	17,100.00	25,900.00	28,100.00	39,900.00	25,700.00	3,250.00	0.00	0.00	13,500.00	1,750.00	188,400.00
1984	2,300.00	30,600.00	27,600.00	0.00	139.00	732.00	4,220.00	210.00	488.00	7,500.00	4,960.00	3,350.00	82,200.00
1985	3,630.00	8,130.00	25,800.00	6,180.00	11,200.00	15,000.00	4,080.00	0.00	0.00	5,900.00	0.00	6,420.00	86,400.00
1986	5,200.00	22,000.00	6,320.00	7,260.00	21,600.00	21,800.00	1,120.00	0.00	0.00	6,040.00	1,990.00	7,820.00	101,100.00
1987	1,950.00	5,060.00	8,830.00	11,100.00	10,200.00	10,900.00	1,920.00	349.00	2,620.00	2,790.00	2,790.00	3,390.00	61,900.00
1988	15,300.00	9,740.00	10,900.00	13,200.00	4,470.00	3,140.00	11,400.00	2,090.00	0.00	0.00	4,920.00	245.00	75,400.00
1989	0.00	7,360.00	16,900.00	8,760.00	22,700.00	11,400.00	0.00	1,050.00	0.00	0.00	4,050.00	2,230.00	74,400.00
1990	2,580.00	1,610.00	1,400.00	21,000.00	11,800.00	2,900.00	5,270.00	3,460.00	908.00	6,140.00	2,510.00	5,100.00	64,700.00
1991	279.00	4,960.00	2,410.00	8,650.00	17,900.00	53,000.00	279.00	1,400.00	0.00	7,230.00	1,330.00	2,510.00	100,000.00
1992	5,270.00	349.00	12,000.00	11,200.00	23,600.00	20,300.00	2,130.00	664.00	0.00	837.00	7,920.00	0.00	84,200.00
1993	15,200.00	0.00	20,300.00	82,800.00	37,000.00	10,300.00	0.00	2,930.00	4,220.00	0.00	0.00	0.00	172,700.00
1994	768.00	10,700.00	3,630.00	3,980.00	25,400.00	11,500.00	9,210.00	523.00	0.00	70.50	4,150.00	0.00	69,900.00
1995	6,250.00	5,650.00	6,000.00	52,600.00	12,600.00	58,700.00	6,280.00	8,650.00	4,400.00	1,400.00	4,330.00	2,200.00	169,100.00
1996	0.00	139.00	6,070.00	12,400.00	31,700.00	12,800.00	5,340.00	70.50	0.00	349.00	2,090.00	0.00	70,900.00
1997	1,750.00	17,500.00	21,300.00	34,900.00	6,980.00	0.00	2,440.00	1,050.00	0.00	3,140.00	0.00	16,300.00	105,300.00
1998	872.00	16,200.00	9,770.00	19,900.00	53,600.00	25,500.00	9,560.00	14,900.00	1,050.00	488.00	6,250.00	279.00	158,400.00
Mean	3,170.00	8,780.00	12,600.00	18,100.00	15,800.00	15,800.00	6,830.00	2,920.00	552.00	2,490.00	2,930.00	3,220.00	93,200.00
Median	3,140.00	8,780.00	12,600.00	18,100.00	15,800.00	16,000.00	6,880.00	2,950.00	564.00	2,540.00	2,980.00	3,240.00	93,600.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for channel reach 5													
1950	4,240.00	6,800.00	5,660.00	5,870.00	8,190.00	10,800.00	12,500.00	5,820.00	330.00	164.00	290.00	2,250.00	62,900.00
1951	377.00	5,040.00	3,730.00	4,940.00	6,600.00	9,310.00	8,600.00	9,820.00	814.00	5,150.00	3,880.00	1,130.00	59,400.00
1952	2,110.00	5,030.00	5,830.00	6,070.00	7,570.00	9,210.00	14,000.00	20,100.00	7,260.00	4,710.00	1,460.00	454.00	83,800.00
1953	74.60	4,990.00	6,340.00	8,150.00	6,840.00	9,730.00	8,810.00	9,250.00	1,140.00	1,230.00	2,930.00	192.00	59,700.00
1954	1,100.00	3,700.00	4,520.00	4,840.00	9,520.00	9,740.00	15,600.00	13,700.00	2,270.00	4,470.00	1,070.00	2,160.00	72,700.00
1955	35.40	4,270.00	5,820.00	5,900.00	6,690.00	10,700.00	9,450.00	9,100.00	829.00	3,810.00	11,200.00	2,160.00	69,900.00
1956	52.90	3,580.00	6,510.00	5,700.00	6,470.00	11,100.00	11,800.00	7,530.00	474.00	1,230.00	15.90	2.97	54,400.00
1957	316.00	0.74	3,660.00	5,600.00	8,900.00	11,000.00	11,900.00	14,300.00	9,720.00	1,080.00	370.00	7.43	66,900.00
1958	7,320.00	7,170.00	7,210.00	6,480.00	7,930.00	9,350.00	14,600.00	20,500.00	7,660.00	1,070.00	302.00	4,930.00	94,500.00
1959	3,200.00	1,790.00	102.00	3,410.00	5,650.00	11,400.00	7,400.00	1,290.00	21.20	464.00	3,250.00	4,980.00	42,900.00
1960	2,870.00	6,470.00	5,220.00	6,040.00	7,010.00	11,900.00	12,600.00	9,230.00	671.00	319.00	713.00	3,950.00	66,900.00
1961	2,520.00	3,790.00	2,940.00	1,420.00	3,290.00	4,470.00	4,270.00	1,590.00	12.10	174.00	3,560.00	556.00	28,600.00
1962	1,630.00	2,710.00	6,310.00	6,490.00	6,640.00	9,640.00	15,000.00	11,300.00	2,750.00	120.00	26.70	2,200.00	64,800.00
1963	3,570.00	685.00	1,770.00	3,640.00	8,060.00	9,960.00	10,700.00	9,300.00	659.00	7.65	1,080.00	10,100.00	59,600.00
1964	6,980.00	7,570.00	6,640.00	5,750.00	7,340.00	9,420.00	13,700.00	13,200.00	2,770.00	1,620.00	885.00	2,460.00	78,300.00
1965	2,900.00	5,190.00	5,310.00	7,550.00	7,520.00	9,810.00	14,600.00	12,900.00	1,970.00	2,250.00	4,250.00	1,840.00	76,000.00
1966	528.00	4,430.00	7,050.00	6,850.00	7,220.00	12,400.00	14,300.00	5,140.00	420.00	1,070.00	361.00	1,510.00	61,300.00
1967	3,340.00	4,600.00	7,160.00	7,790.00	8,680.00	11,700.00	11,200.00	17,300.00	7,710.00	7,230.00	6,810.00	5,610.00	99,200.00
1968	550.00	3,470.00	6,320.00	6,980.00	8,430.00	9,320.00	11,100.00	6,720.00	558.00	5,750.00	3,200.00	48.00	62,400.00
1969	1,140.00	2,810.00	3,340.00	7,550.00	6,910.00	11,600.00	14,400.00	19,600.00	6,680.00	1,870.00	295.00	1,940.00	78,200.00
1970	752.00	6,170.00	3,590.00	5,310.00	4,720.00	11,600.00	11,600.00	5,780.00	234.00	2,400.00	8,890.00	2,420.00	63,500.00
1971	538.00	1,130.00	6,680.00	7,940.00	8,330.00	11,100.00	10,200.00	8,710.00	2,140.00	2,480.00	929.00	180.00	60,300.00
1972	3,910.00	2,900.00	4,620.00	7,190.00	9,020.00	8,900.00	2,780.00	1,880.00	7,110.00	720.00	1,890.00	2,760.00	53,700.00
1973	2,570.00	5,050.00	6,680.00	6,560.00	7,680.00	9,410.00	15,000.00	16,900.00	2,730.00	305.00	2,230.00	54.30	75,100.00
1974	1,280.00	3,060.00	6,640.00	6,900.00	8,030.00	11,300.00	12,800.00	5,730.00	250.00	3,140.00	1,920.00	6.81	61,100.00
1975	1,540.00	7,540.00	5,350.00	3,730.00	6,690.00	9,820.00	12,300.00	13,400.00	1,950.00	553.00	14.90	5,190.00	68,000.00
1976	3,090.00	2,100.00	6,690.00	2,800.00	7,570.00	11,100.00	12,800.00	11,900.00	1,120.00	1,800.00	565.00	13,500.00	75,100.00
1977	11,500.00	5,520.00	1,540.00	7,380.00	8,300.00	8,010.00	8,380.00	12,200.00	5,930.00	188.00	8,310.00	2,840.00	80,100.00
1978	690.00	1,530.00	3,240.00	7,420.00	8,210.00	12,900.00	13,900.00	20,000.00	9,040.00	3,130.00	1,350.00	3,010.00	84,400.00
1979	2,150.00	4,700.00	6,560.00	6,210.00	7,740.00	11,900.00	15,600.00	17,100.00	3,700.00	6,690.00	7,070.00	847.00	90,300.00
1980	3,950.00	4,690.00	3,050.00	7,410.00	9,410.00	11,200.00	16,100.00	17,900.00	12,100.00	2,400.00	436.00	177.00	88,800.00
1981	1,290.00	118.00	7,090.00	5,040.00	8,920.00	10,500.00	11,500.00	4,620.00	653.00	6.06	2.23	3,460.00	53,200.00
1982	1,660.00	995.00	4,900.00	6,950.00	8,650.00	10,900.00	15,100.00	17,700.00	4,880.00	6,350.00	7,650.00	7,050.00	92,700.00
1983	7,670.00	6,850.00	6,650.00	8,300.00	8,290.00	11,600.00	13,400.00	22,400.00	14,800.00	2,550.00	11,800.00	3,780.00	118,200.00
1984	2,860.00	5,200.00	7,360.00	8,560.00	8,700.00	10,900.00	6,530.00	1,520.00	542.00	5,640.00	6,250.00	3,050.00	67,100.00
1985	3,820.00	3,880.00	6,330.00	7,140.00	8,510.00	10,600.00	15,400.00	7,650.00	454.00	5,100.00	845.00	4,920.00	74,600.00
1986	6,420.00	4,700.00	7,950.00	8,510.00	8,790.00	13,300.00	14,600.00	7,290.00	491.00	4,570.00	3,350.00	3,110.00	83,000.00
1987	6,500.00	3,460.00	6,300.00	6,820.00	6,430.00	10,700.00	10,400.00	1,950.00	2,610.00	1,630.00	3,440.00	3,560.00	63,800.00
1988	8,730.00	8,440.00	5,830.00	7,540.00	9,100.00	9,040.00	9,230.00	6,600.00	472.00	6.43	4,280.00	883.00	70,100.00
1989	1.72	3,120.00	5,890.00	7,350.00	8,230.00	13,300.00	14,600.00	3,970.00	181.00	39.40	3,910.00	2,260.00	62,800.00
1990	2,290.00	1,320.00	1,600.00	6,730.00	7,750.00	11,600.00	9,910.00	3,670.00	2,920.00	5,760.00	2,850.00	4,800.00	61,200.00
1991	645.00	2,410.00	3,980.00	6,640.00	3,520.00	10,200.00	15,800.00	16,900.00	4,100.00	3,420.00	5,680.00	2,670.00	76,000.00
1992	1,390.00	4,210.00	4,720.00	7,840.00	9,140.00	11,500.00	16,400.00	8,450.00	458.00	897.00	7,470.00	484.00	73,000.00
1993	3,530.00	8,040.00	5,930.00	7,070.00	7,740.00	14,000.00	17,400.00	17,000.00	7,940.00	979.00	267.00	131.00	90,000.00
1994	842.00	5,230.00	6,140.00	3,970.00	7,530.00	12,600.00	13,800.00	9,390.00	682.00	99.20	3,990.00	176.00	64,400.00
1995	5,620.00	4,730.00	3,830.00	7,230.00	10,600.00	12,500.00	14,900.00	18,000.00	14,600.00	4,350.00	3,790.00	3,450.00	103,700.00
1996	125.00	192.00	3,800.00	5,230.00	9,370.00	12,800.00	16,400.00	8,550.00	497.00	424.00	1,650.00	503.00	59,500.00
1997	796.00	3,790.00	7,790.00	7,770.00	8,540.00	14,500.00	12,900.00	4,740.00	339.00	2,610.00	669.00	10,100.00	74,500.00
1998	6,680.00	5,490.00	6,870.00	7,860.00	7,240.00	12,200.00	14,700.00	17,800.00	16,800.00	4,240.00	6,530.00	776.00	107,100.00
Mean	2,810.00	4,100.00	5,290.00	6,380.00	7,720.00	10,900.00	12,500.00	10,800.00	3,560.00	2,370.00	3,140.00	2,750.00	72,200.00
Median	2,780.00	4,040.00	5,280.00	6,390.00	7,710.00	10,900.00	12,500.00	10,900.00	3,630.00	2,420.00	3,200.00	2,760.00	72,400.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to channel reach 5													
1950	61.70	45.70	88.70	521.00	2,590.00	1,880.00	1,300.00	771.00	397.00	219.00	116.00	60.40	8,050.00
1951	33.60	29.80	34.30	32.10	109.00	420.00	248.00	226.00	121.00	68.60	42.20	21.90	1,390.00
1952	12.00	10.80	4,830.00	13,400.00	6,030.00	12,800.00	7,810.00	4,810.00	2,280.00	1,110.00	580.00	297.00	53,900.00
1953	163.00	164.00	447.00	1,580.00	972.00	1,250.00	699.00	446.00	235.00	130.00	69.50	35.30	6,190.00
1954	20.20	10.80	9.99	696.00	2,140.00	4,410.00	5,070.00	2,590.00	1,240.00	676.00	356.00	184.00	17,400.00
1955	102.00	53.60	43.70	488.00	945.00	1,750.00	892.00	570.00	297.00	164.00	111.00	77.90	5,490.00
1956	43.50	24.60	128.00	1,250.00	1,410.00	1,070.00	800.00	522.00	272.00	150.00	79.30	41.10	5,800.00
1957	22.80	11.60	6.03	662.00	1,470.00	1,920.00	1,130.00	924.00	679.00	378.00	200.00	103.00	7,510.00
1958	73.80	266.00	510.00	540.00	2,830.00	11,300.00	15,900.00	6,030.00	2,820.00	1,400.00	715.00	365.00	42,700.00
1959	201.00	103.00	57.80	32.00	535.00	919.00	472.00	261.00	134.00	73.90	39.90	21.00	2,850.00
1960	13.30	20.10	75.30	786.00	2,060.00	2,540.00	1,400.00	876.00	450.00	248.00	132.00	68.50	8,660.00
1961	37.80	19.80	12.50	7.34	6.88	5.18	9.66	5.18	2.53	1.34	0.83	0.00	109.00
1962	0.00	2.65	132.00	241.00	1,760.00	4,240.00	2,380.00	1,280.00	671.00	369.00	195.00	102.00	11,400.00
1963	56.90	30.10	16.30	9.43	83.90	184.00	323.00	400.00	206.00	114.00	59.70	47.80	1,530.00
1964	45.10	137.00	229.00	310.00	460.00	772.00	1,990.00	1,600.00	864.00	476.00	252.00	131.00	7,270.00
1965	72.70	58.90	87.90	427.00	584.00	695.00	3,320.00	2,270.00	1,160.00	636.00	336.00	174.00	9,830.00
1966	97.10	5,710.00	5,890.00	5,780.00	5,550.00	3,560.00	1,810.00	909.00	461.00	253.00	134.00	68.30	30,200.00
1967	39.20	24.50	18,900.00	4,550.00	3,660.00	3,330.00	3,530.00	2,780.00	1,360.00	726.00	379.00	197.00	39,400.00
1968	108.00	60.70	309.00	404.00	387.00	381.00	404.00	241.00	128.00	70.90	40.40	21.30	2,560.00
1969	11.60	6.35	16.50	11,000.00	20,800.00	15,700.00	8,800.00	4,620.00	2,200.00	1,080.00	559.00	287.00	65,100.00
1970	157.00	89.70	56.20	45.00	33.50	1,390.00	779.00	457.00	236.00	130.00	71.20	41.30	3,480.00
1971	23.20	15.80	1,590.00	3,380.00	1,790.00	1,300.00	722.00	424.00	225.00	124.00	66.00	33.50	9,700.00
1972	21.50	13.60	386.00	1,520.00	1,040.00	639.00	329.00	181.00	97.30	55.40	29.10	15.50	4,330.00
1973	8.56	64.80	934.00	1,460.00	3,460.00	6,770.00	5,630.00	3,000.00	1,440.00	780.00	410.00	211.00	24,200.00
1974	118.00	74.30	115.00	1,980.00	1,270.00	1,840.00	1,530.00	848.00	435.00	240.00	127.00	65.70	8,630.00
1975	41.10	77.50	60.20	42.80	52.90	673.00	1,760.00	1,230.00	645.00	357.00	189.00	98.30	5,230.00
1976	55.50	31.40	54.70	31.60	998.00	2,160.00	1,280.00	855.00	451.00	248.00	132.00	350.00	6,640.00
1977	547.00	291.00	164.00	544.00	356.00	317.00	277.00	254.00	203.00	112.00	65.40	47.40	3,180.00
1978	26.20	13.20	106.00	9,390.00	11,000.00	22,000.00	10,400.00	6,150.00	2,820.00	1,410.00	721.00	369.00	64,400.00
1979	204.00	189.00	1,410.00	3,860.00	7,610.00	10,100.00	7,590.00	3,520.00	1,630.00	857.00	452.00	234.00	37,600.00
1980	129.00	67.50	39.70	4,600.00	27,500.00	20,700.00	9,210.00	5,860.00	2,720.00	1,320.00	678.00	346.00	73,200.00
1981	190.00	98.30	94.30	59.60	246.00	587.00	638.00	377.00	195.00	108.00	57.40	29.90	2,680.00
1982	16.30	9.02	11.70	3,810.00	7,820.00	6,630.00	8,500.00	3,910.00	1,840.00	940.00	501.00	268.00	34,300.00
1983	167.00	309.00	3,570.00	4,670.00	10,100.00	20,800.00	14,300.00	11,600.00	5,120.00	2,540.00	1,260.00	663.00	75,200.00
1984	365.00	863.00	6,300.00	4,110.00	1,890.00	1,010.00	500.00	274.00	142.00	78.70	44.30	24.60	15,600.00
1985	13.70	10.30	654.00	1,620.00	2,320.00	2,060.00	2,010.00	1,180.00	605.00	335.00	179.00	95.10	11,100.00
1986	59.60	86.70	1,110.00	679.00	2,500.00	4,160.00	2,940.00	1,550.00	789.00	434.00	232.00	122.00	14,700.00
1987	80.40	42.70	58.50	235.00	190.00	712.00	671.00	376.00	195.00	108.00	58.50	31.30	2,760.00
1988	54.20	341.00	434.00	1,180.00	1,390.00	979.00	532.00	340.00	177.00	97.30	52.30	27.60	5,610.00
1989	15.50	8.68	69.40	989.00	4,200.00	2,480.00	1,740.00	941.00	481.00	265.00	140.00	72.50	11,400.00
1990	40.10	21.10	12.00	151.00	795.00	1,020.00	564.00	322.00	167.00	96.60	53.80	28.80	3,270.00
1991	15.50	8.68	7.70	29.60	19.80	11,800.00	6,260.00	3,110.00	1,430.00	749.00	392.00	200.00	24,000.00
1992	111.00	58.30	36.30	427.00	1,890.00	2,690.00	2,970.00	1,580.00	808.00	444.00	238.00	125.00	11,400.00
1993	76.00	187.00	292.00	31,100.00	22,100.00	13,500.00	8,080.00	3,800.00	1,750.00	883.00	459.00	235.00	82,500.00
1994	129.00	102.00	91.40	55.70	779.00	1,520.00	1,310.00	895.00	460.00	254.00	136.00	71.00	5,800.00
1995	41.30	23.60	16.00	6,610.00	6,830.00	31,500.00	9,000.00	5,800.00	2,690.00	1,330.00	677.00	346.00	64,800.00
1996	189.00	96.80	58.40	40.20	1,010.00	4,510.00	2,740.00	1,580.00	808.00	444.00	234.00	121.00	11,800.00
1997	67.90	107.00	1,550.00	8,000.00	5,930.00	4,430.00	2,230.00	1,130.00	575.00	316.00	168.00	97.40	24,600.00
1998	83.30	64.40	523.00	1,890.00	14,300.00	12,400.00	11,700.00	7,820.00	4,200.00	2,070.00	1,050.00	536.00	56,700.00
Mean	87.00	207.00	1,050.00	2,760.00	3,960.00	5,300.00	3,560.00	2,070.00	1,010.00	520.00	271.00	147.00	20,900.00
Median	87.50	211.00	1,070.00	2,810.00	3,980.00	5,370.00	3,610.00	2,100.00	1,020.00	526.00	274.00	149.00	21,200.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for channel reach 5													
1950	0.60	0.89	1.28	5.23	6.38	2.00	1.85	0.60	0.00	0.03	0.04	0.31	19.20
1951	0.03	0.64	0.04	1.18	1.27	1.10	3.07	0.53	0.00	0.89	0.16	0.06	8.96
1952	0.24	0.23	23.20	15.60	2.41	21.10	8.09	0.00	0.13	1.79	0.03	0.08	72.80
1953	0.00	2.87	4.30	3.66	1.37	2.72	2.65	1.01	0.00	0.22	0.41	0.00	19.20
1954	0.08	0.24	0.19	4.59	4.64	17.10	0.32	0.04	0.16	1.61	0.22	0.53	29.70
1955	0.00	0.62	0.75	4.32	5.97	0.08	0.97	2.21	0.00	0.88	1.89	0.00	17.70
1956	0.00	0.47	0.94	5.05	1.67	0.00	3.13	0.69	0.00	0.22	0.00	0.00	12.20
1957	0.02	0.00	0.18	6.57	1.91	3.85	2.26	5.90	1.23	0.15	0.08	0.00	22.10
1958	1.80	1.79	3.05	3.51	9.73	23.70	19.60	0.55	0.00	0.00	0.00	2.04	65.80
1959	0.25	0.27	0.00	0.35	4.87	0.00	0.40	0.17	0.00	0.06	0.34	0.40	7.10
1960	0.26	0.24	1.55	3.50	8.73	1.77	2.90	0.40	0.00	0.06	0.13	0.58	20.10
1961	0.27	0.37	0.10	0.19	0.00	0.24	0.04	0.05	0.00	0.00	0.04	0.00	1.30
1962	0.02	0.11	0.86	2.14	11.90	5.16	0.00	2.50	0.26	0.00	0.00	0.45	23.40
1963	0.37	0.03	0.15	0.16	0.90	2.02	3.52	0.00	0.00	0.00	0.13	1.30	8.58
1964	0.50	2.04	0.23	3.29	1.12	6.10	5.79	2.09	0.00	0.74	0.00	0.68	22.60
1965	0.17	1.13	1.67	1.57	2.16	4.00	12.10	0.03	0.00	1.30	0.76	0.39	25.30
1966	0.05	17.90	11.70	3.02	5.31	1.94	0.47	0.03	0.00	0.22	0.06	0.24	40.90
1967	0.31	0.43	45.10	7.60	0.00	7.99	9.11	0.86	0.08	2.52	2.02	1.27	77.30
1968	0.00	1.19	2.39	1.63	0.86	2.63	2.90	0.88	0.00	1.04	0.04	0.00	13.60
1969	0.06	0.13	0.48	36.90	40.80	10.70	3.34	2.24	0.00	0.29	0.00	0.53	95.40
1970	0.13	1.29	0.19	0.78	0.43	4.73	1.25	0.00	0.00	0.44	1.38	0.02	10.60
1971	0.04	0.85	8.40	4.42	1.60	1.26	2.36	2.25	0.00	0.46	0.06	0.02	21.70
1972	0.39	0.08	5.07	0.07	1.63	0.00	0.62	0.30	1.24	0.03	0.31	0.03	9.76
1973	0.11	0.73	4.13	5.91	11.00	15.70	0.89	0.58	0.00	0.00	0.71	0.00	39.80
1974	0.23	1.38	0.34	8.29	0.44	5.12	3.12	0.12	0.00	0.82	0.30	0.00	20.20
1975	0.99	0.09	0.86	0.05	0.93	6.20	5.05	1.03	0.00	0.13	0.00	0.90	16.20
1976	0.47	0.73	0.20	0.00	5.17	4.52	2.65	2.41	0.01	0.50	0.00	5.63	22.30
1977	0.35	0.87	1.52	2.91	1.12	2.31	0.32	3.80	0.22	0.01	1.31	0.00	14.70
1978	0.05	0.10	2.01	23.60	17.70	37.40	8.03	1.54	0.00	1.16	0.00	0.94	92.60
1979	0.46	3.23	7.00	12.50	12.20	19.40	0.00	0.66	0.00	2.87	1.94	0.02	60.30
1980	1.41	0.09	0.49	17.70	77.70	23.80	5.36	3.40	0.02	0.11	0.00	0.00	130.00
1981	0.27	0.00	1.41	1.27	1.93	3.70	1.50	0.57	0.00	0.00	0.00	0.33	11.00
1982	0.11	0.26	0.18	13.20	9.90	16.70	5.00	0.37	0.00	2.91	2.56	2.53	53.70
1983	0.70	5.98	7.74	14.70	18.70	37.40	19.60	2.91	0.00	0.00	6.00	0.60	114.00
1984	0.77	9.11	18.50	0.00	0.07	0.29	1.39	0.05	0.08	0.95	0.49	0.24	31.90
1985	0.20	0.38	6.28	2.63	5.20	6.82	1.89	0.00	0.00	1.66	0.00	0.98	26.00
1986	0.67	3.22	2.39	2.45	8.73	11.30	0.60	0.00	0.00	1.86	0.46	1.29	32.90
1987	0.28	0.51	0.81	1.58	2.11	3.72	0.70	0.11	0.64	0.40	0.33	0.30	11.50
1988	1.49	2.10	3.22	4.77	1.87	1.24	3.84	0.61	0.00	0.00	0.50	0.02	19.70
1989	0.00	0.31	1.24	2.73	10.90	5.43	0.00	0.40	0.00	0.00	0.80	0.29	22.10
1990	0.24	0.11	0.07	2.35	4.05	1.09	1.79	0.86	0.20	0.95	0.30	0.44	12.40
1991	0.02	0.21	0.10	0.46	1.24	22.80	0.18	0.74	0.00	2.51	0.43	0.63	29.30
1992	0.78	0.04	1.10	1.92	9.18	10.20	1.13	0.31	0.00	0.28	2.03	0.00	27.00
1993	2.04	0.00	4.77	91.80	35.20	7.47	0.00	1.60	2.20	0.00	0.00	0.00	145.00
1994	0.14	1.58	0.53	0.42	5.41	4.80	3.72	0.20	0.00	0.02	0.77	0.00	17.60
1995	0.65	0.44	0.36	21.90	7.46	66.40	4.18	5.30	2.29	0.57	1.49	0.73	112.00
1996	0.00	0.03	0.74	1.15	10.30	6.83	2.73	0.03	0.00	0.10	0.46	0.00	22.30
1997	0.20	1.83	8.14	20.50	3.87	0.00	1.28	0.43	0.00	0.82	0.00	2.48	39.60
1998	0.12	1.89	2.34	7.80	36.40	19.20	7.75	9.40	0.61	0.22	2.48	0.10	88.30
Mean	0.37	1.41	3.84	7.71	8.46	9.39	3.46	1.24	0.19	0.65	0.64	0.56	37.90
Median	0.24	0.47	1.24	3.29	4.64	4.80	2.36	0.58	0.00	0.28	0.30	0.29	22.30

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for channel reach 5													
1950	2.08	1.63	1.17	2.38	5.34	6.69	8.68	9.25	10.30	10.10	6.38	3.28	67.30
1951	1.94	1.15	1.03	0.73	1.54	4.56	4.68	6.45	5.65	5.64	3.76	2.21	39.30
1952	1.00	0.59	1.86	5.37	5.77	8.61	11.50	17.00	14.90	17.70	14.00	8.33	107.00
1953	4.49	1.87	2.48	4.62	3.63	5.66	6.10	7.28	7.83	8.44	4.98	2.59	60.00
1954	1.25	0.66	0.46	1.69	5.86	6.48	11.70	14.00	13.70	16.00	9.43	5.80	87.00
1955	2.88	1.47	0.92	2.12	3.36	6.55	6.49	8.50	8.75	7.56	6.61	4.28	59.50
1956	1.97	0.91	1.56	1.79	3.54	5.95	6.71	8.97	9.23	7.58	4.54	3.08	55.80
1957	1.26	0.70	0.41	2.08	5.13	6.80	7.49	9.23	14.30	14.00	8.76	4.55	74.70
1958	2.21	2.46	3.16	3.18	5.19	7.97	14.60	17.60	18.10	17.50	15.00	9.35	116.00
1959	5.07	1.97	1.44	0.89	2.36	6.07	7.46	6.39	7.01	6.46	3.71	1.93	50.80
1960	1.12	0.89	0.90	2.75	4.33	7.89	8.60	10.30	12.50	11.60	6.97	4.12	71.90
1961	1.76	0.76	0.49	0.45	0.42	0.47	0.97	0.82	0.86	0.66	0.42	0.22	8.29
1962	0.13	0.15	1.47	2.01	3.60	6.74	11.00	10.40	12.60	12.60	9.31	4.96	75.10
1963	2.34	1.10	0.68	0.42	1.66	3.01	4.83	8.59	7.43	7.07	4.68	3.34	45.10
1964	2.07	1.79	2.28	2.10	3.37	4.96	8.87	11.60	13.30	15.30	10.40	5.12	81.10
1965	2.94	1.33	1.15	3.21	3.61	4.98	10.30	13.10	12.10	14.80	12.00	5.24	84.80
1966	3.46	3.34	5.05	4.97	5.36	8.71	10.30	11.40	12.50	11.10	7.86	4.19	88.30
1967	1.94	0.98	7.28	5.50	6.09	8.04	7.72	13.10	13.50	17.80	14.30	6.60	103.00
1968	3.68	1.68	2.02	2.95	4.20	4.75	6.27	7.01	6.70	6.00	3.68	2.17	51.10
1969	1.03	0.47	0.41	3.93	8.17	12.20	12.50	17.20	15.60	17.90	15.90	9.16	115.00
1970	3.50	1.95	1.15	1.04	1.09	6.29	6.68	9.96	9.30	8.88	5.86	3.01	58.70
1971	1.45	0.74	3.00	5.39	5.14	6.61	6.77	8.66	8.94	8.00	5.57	2.93	63.20
1972	1.34	0.68	0.90	4.04	4.82	7.01	6.22	6.44	6.05	5.50	3.31	1.66	48.00
1973	0.86	1.09	3.08	3.56	5.11	6.98	11.30	16.60	17.50	16.10	12.70	6.12	101.00
1974	3.36	1.63	1.68	3.91	4.46	6.92	8.77	11.10	12.80	10.60	6.75	4.15	76.10
1975	1.84	1.73	1.06	1.04	1.20	4.17	7.50	11.80	12.60	13.30	8.17	4.78	69.20
1976	2.19	1.06	1.15	0.95	3.75	6.95	7.87	11.40	12.40	10.80	6.36	6.42	71.30
1977	6.45	3.73	1.98	3.15	3.69	3.67	5.50	5.99	8.68	7.56	5.07	3.10	58.60
1978	1.68	0.78	0.84	5.68	6.94	15.30	12.50	17.40	21.10	19.80	14.30	7.77	124.00
1979	4.00	2.28	3.42	4.17	6.10	10.00	13.00	16.30	17.80	17.00	12.20	8.16	114.00
1980	3.51	1.52	1.13	4.12	12.60	13.60	14.30	14.60	18.50	20.70	14.20	9.67	128.00
1981	5.01	2.10	1.78	1.30	3.12	4.99	7.94	9.12	10.40	7.62	5.15	2.66	61.20
1982	1.10	0.63	0.59	3.81	6.79	8.03	12.40	15.40	14.70	17.00	14.20	8.00	103.00
1983	3.85	2.05	4.36	5.69	7.25	13.70	14.00	22.00	20.60	23.60	18.10	12.10	147.00
1984	6.05	3.66	5.41	6.13	5.43	6.63	7.09	9.52	7.13	6.70	4.37	2.68	70.80
1985	1.04	0.52	1.98	4.05	5.58	6.61	11.00	12.10	14.60	14.30	8.32	3.93	84.00
1986	2.36	1.36	4.11	4.30	5.34	9.20	11.10	13.80	15.20	13.80	10.70	4.40	95.80
1987	2.53	1.34	1.11	2.16	2.26	5.23	8.74	9.69	8.95	6.30	4.69	2.61	55.60
1988	2.17	3.31	2.46	4.00	5.50	6.89	7.37	8.95	7.88	7.30	4.41	2.51	62.80
1989	1.38	0.58	0.70	3.62	5.58	8.91	11.60	11.60	13.00	12.40	7.09	4.09	80.60
1990	1.97	0.99	0.59	1.57	3.86	6.63	7.70	8.26	8.69	7.43	4.58	2.61	54.90
1991	1.35	0.59	0.41	0.83	0.97	8.44	12.10	14.30	14.90	16.00	12.30	7.42	89.60
1992	3.98	1.69	0.91	3.15	5.32	7.53	12.60	14.50	13.60	14.30	10.80	5.55	93.90
1993	2.89	2.69	2.02	9.51	9.81	14.20	15.20	17.90	17.90	14.60	12.90	7.62	127.00
1994	3.74	1.91	1.48	1.33	3.30	7.33	9.05	10.60	14.10	11.40	8.00	3.99	76.30
1995	1.81	0.77	0.59	4.66	8.15	17.00	13.10	14.70	18.00	19.10	15.90	9.92	124.00
1996	4.67	2.31	1.27	1.05	4.25	9.13	12.40	13.90	14.90	16.30	10.90	5.17	96.30
1997	2.72	1.75	4.12	5.94	6.37	10.60	10.80	14.80	12.60	12.00	8.88	5.18	95.70
1998	2.84	1.56	2.82	4.57	6.92	11.20	13.60	14.90	17.90	22.70	18.70	9.92	128.00
Mean	2.58	1.49	1.88	3.22	4.76	7.69	9.49	11.70	12.40	12.40	8.92	5.07	81.60
Median	2.19	1.36	1.44	3.18	5.11	6.92	8.87	11.40	12.60	12.40	8.17	4.40	76.30

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year End	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual total	
													Simulated	Measured
Streamflow out of channel reach 5														
1950	8.65	6.45	12.50	128.00	1,280.00	747.00	476.00	220.00	61.90	30.10	15.80	8.26	3,000.00	1,490.00
1951	4.56	4.12	4.77	4.38	15.30	68.40	35.40	31.70	16.80	9.19	5.52	2.82	203.00	54.00
1952	1.65	1.59	3,870.00	10,800.00	5,110.00	12,700.00	7,400.00	3,540.00	993.00	379.00	127.00	41.60	45,000.00	24,800.00
1953	22.90	23.30	92.90	602.00	331.00	447.00	193.00	75.90	32.80	17.60	9.31	4.81	1,850.00	2,720.00
1954	2.72	1.55	1.40	330.00	1,030.00	2,800.00	3,310.00	1,170.00	447.00	173.00	51.00	25.70	9,330.00	6,560.00
1955	14.30	7.57	6.24	139.00	313.00	686.00	284.00	126.00	41.50	22.70	15.20	10.70	1,670.00	1,110.00
1956	5.94	3.50	18.10	861.00	562.00	365.00	239.00	104.00	37.80	20.60	10.80	5.50	2,230.00	1,730.00
1957	3.12	1.62	0.95	211.00	567.00	766.00	397.00	293.00	178.00	54.70	27.50	14.20	2,510.00	1,030.00
1958	10.50	37.40	112.00	116.00	1,470.00	8,290.00	14,800.00	4,880.00	1,460.00	515.00	191.00	54.20	31,900.00	31,900.00
1959	28.30	14.70	8.08	4.49	173.00	292.00	88.30	36.70	18.40	9.85	5.27	2.90	682.00	1,760.00
1960	1.80	2.70	10.40	244.00	848.00	1,130.00	523.00	269.00	78.50	34.10	18.00	9.34	3,170.00	1,390.00
1961	5.28	2.83	1.74	1.02	0.89	0.69	1.21	0.64	0.27	0.12	0.07	0.04	14.80	64.00
1962	0.03	0.34	18.50	41.00	867.00	2,530.00	1,040.00	463.00	175.00	53.20	26.80	13.90	5,220.00	2,510.00
1963	7.90	4.16	2.33	1.33	11.60	25.70	50.00	62.10	28.60	15.40	8.06	6.47	224.00	265.00
1964	6.24	19.00	32.70	68.60	86.60	220.00	806.00	609.00	266.00	84.50	34.90	18.20	2,250.00	1,490.00
1965	10.10	8.36	12.00	68.50	147.00	185.00	1,820.00	952.00	407.00	154.00	46.90	24.40	3,830.00	3,840.00
1966	13.50	4,400.00	3,940.00	3,890.00	4,230.00	2,050.00	719.00	284.00	82.30	34.90	18.10	9.37	19,700.00	12,500.00
1967	5.42	3.51	21,100.00	3,010.00	2,280.00	1,720.00	1,930.00	1,300.00	503.00	195.00	55.40	27.70	32,200.00	27,000.00
1968	15.20	8.62	65.00	63.70	58.00	57.60	64.50	33.80	17.40	9.53	5.34	2.72	401.00	1,390.00
1969	1.55	0.84	2.27	8,800.00	22,400.00	17,500.00	8,920.00	3,780.00	1,020.00	361.00	117.00	40.00	62,900.00	59,200.00
1970	22.20	12.80	7.95	6.45	4.66	512.00	230.00	79.70	32.60	17.60	9.58	5.57	941.00	2,290.00
1971	3.12	2.02	809.00	1,760.00	719.00	472.00	203.00	69.20	31.10	16.80	8.68	4.50	4,100.00	974.00
1972	2.93	1.83	141.00	579.00	357.00	158.00	46.80	25.40	13.30	7.15	3.79	1.98	1,340.00	1,580.00
1973	1.13	8.97	312.00	550.00	2,050.00	4,730.00	3,800.00	1,470.00	540.00	221.00	63.70	29.50	13,800.00	12,800.00
1974	16.40	10.50	16.30	897.00	471.00	724.00	582.00	255.00	73.30	33.20	17.40	8.93	3,110.00	2,390.00
1975	5.57	11.00	8.65	6.07	7.43	205.00	692.00	439.00	163.00	50.40	26.10	13.60	1,630.00	2,870.00
1976	7.73	4.34	7.70	4.45	365.00	899.00	465.00	260.00	78.70	34.30	18.10	71.80	2,220.00	3,090.00
1977	116.00	41.50	23.40	127.00	53.30	45.10	39.10	35.90	28.20	15.10	8.84	6.31	539.00	852.00
1978	3.50	1.84	25.60	6,860.00	8,640.00	24,600.00	10,800.00	5,630.00	1,690.00	528.00	194.00	55.20	59,000.00	47,400.00
1979	28.80	26.70	568.00	2,210.00	6,270.00	9,310.00	7,170.00	2,250.00	629.00	258.00	76.80	32.60	28,800.00	45,000.00
1980	18.30	9.56	5.53	3,030.00	32,600.00	24,000.00	9,750.00	5,520.00	1,570.00	477.00	173.00	49.30	77,200.00	112,900.00
1981	26.70	13.80	13.40	8.41	35.60	134.00	162.00	55.80	26.70	14.50	7.56	4.01	503.00	1,120.00
1982	2.29	1.29	1.70	2,540.00	5,590.00	4,650.00	7,470.00	2,390.00	732.00	298.00	94.30	37.80	23,800.00	21,500.00
1983	23.60	108.00	2,060.00	2,830.00	9,190.00	22,000.00	15,100.00	12,000.00	4,790.00	1,650.00	537.00	172.00	70,500.00	69,200.00
1984	53.90	294.00	5,400.00	3,090.00	766.00	334.00	99.70	38.30	19.40	10.50	5.82	3.22	10,100.00	14,800.00
1985	1.91	1.38	231.00	622.00	1,050.00	841.00	814.00	414.00	143.00	46.50	24.70	13.20	4,200.00	8,160.00
1986	8.39	12.40	380.00	179.00	1,460.00	2,530.00	1,450.00	588.00	230.00	70.50	31.90	17.20	6,950.00	11,600.00
1987	11.30	6.06	8.19	33.20	27.90	193.00	177.00	55.40	26.90	14.80	7.78	4.16	566.00	1,850.00
1988	7.41	49.40	75.40	414.00	525.00	319.00	113.00	47.90	24.30	13.00	6.96	3.67	1,600.00	681.00
1989	2.04	1.22	9.45	329.00	2,640.00	1,050.00	683.00	300.00	89.80	36.40	19.30	9.94	5,180.00	2,010.00
1990	5.60	2.95	1.65	21.10	244.00	338.00	128.00	45.40	22.90	13.00	7.12	3.76	833.00	305.00
1991	2.09	1.21	1.12	4.15	2.75	8,780.00	4,350.00	1,550.00	537.00	208.00	59.10	28.00	15,500.00	10,300.00
1992	15.50	8.08	5.19	80.90	889.00	1,240.00	1,470.00	602.00	240.00	74.00	33.10	17.20	4,670.00	—
1993	10.60	26.40	48.80	34,100.00	24,900.00	14,900.00	8,370.00	2,990.00	800.00	271.00	79.40	32.80	86,500.00	—
1994	18.10	14.50	13.00	7.96	263.00	574.00	479.00	278.00	81.70	35.00	18.50	9.64	1,790.00	—
1995	5.77	3.39	2.28	4,720.00	4,870.00	38,100.00	9,190.00	5,180.00	1,410.00	479.00	173.00	49.40	64,100.00	—
1996	26.60	13.70	8.34	5.80	411.00	2,770.00	1,260.00	603.00	239.00	73.00	32.30	16.80	5,460.00	—
1997	9.34	14.90	607.00	5,680.00	4,140.00	2,860.00	956.00	387.00	130.00	44.00	22.90	13.50	14,900.00	6,580.00
1998	11.60	9.03	120.00	793.00	12,500.00	12,500.00	11,800.00	7,490.00	3,210.00	850.00	348.00	114.00	49,700.00	54,600.00
Mean for 1950–91, 1997–98	12.80	118.00	912.00	1,410.00	2,990.00	3,970.00	2,730.00	1,360.00	470.00	161.00	58.20	23.30	14,200.00	14,000.00
Median for 1950–91, 1997–98	7.57	7.01	17.20	287.00	643.00	757.00	633.00	289.00	86.10	35.70	18.70	12.00	3,500.00	2,620.00
Mean for 1950–98	13.00	107.40	820.90	2,060.00	3,320.00	4,740.00	2,880.00	1,410.00	478.90	163.90	59.10	23.50	16,100.00	—
Median for 1950–98	7.90	8.08	13.40	244.00	719.00	841.00	692.00	300.00	130.00	44.00	22.90	13.50	4,100.00	—

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Channel infiltration for reach 5													
1950	51.90	38.70	75.10	383.00	1,300.00	1,140.00	823.00	546.00	328.00	181.00	95.00	49.60	5,010.00
1951	27.40	24.70	28.60	26.30	91.80	347.00	212.00	190.00	101.00	55.10	33.10	16.90	1,150.00
1952	9.91	9.52	875.00	3,510.00	1,990.00	4,040.00	2,550.00	1,850.00	1,300.00	724.00	442.00	250.00	17,500.00
1953	138.00	140.00	350.00	973.00	641.00	800.00	506.00	367.00	197.00	106.00	55.90	28.90	4,300.00
1954	16.30	9.27	8.39	353.00	1,110.00	1,600.00	1,780.00	1,420.00	790.00	493.00	299.00	154.00	8,030.00
1955	85.50	45.40	37.50	342.00	621.00	1,070.00	607.00	440.00	249.00	136.00	91.00	64.10	3,790.00
1956	35.70	21.00	109.00	369.00	861.00	708.00	558.00	412.00	227.00	123.00	64.80	33.00	3,520.00
1957	18.70	9.71	5.68	436.00	905.00	1,160.00	734.00	628.00	490.00	312.00	165.00	85.20	4,950.00
1958	62.80	224.00	394.00	421.00	1,350.00	2,970.00	4,500.00	2,060.00	1,470.00	876.00	513.00	307.00	15,200.00
1959	170.00	88.30	48.50	26.90	353.00	627.00	380.00	220.00	111.00	59.10	31.60	17.40	2,130.00
1960	10.80	16.20	62.20	536.00	1,200.00	1,410.00	875.00	601.00	362.00	205.00	108.00	56.00	5,440.00
1961	31.70	17.00	10.50	6.11	5.34	4.11	7.25	3.85	1.59	0.72	0.40	0.25	88.70
1962	0.18	2.05	111.00	195.00	875.00	1,720.00	1,340.00	818.00	486.00	306.00	161.00	83.60	6,100.00
1963	47.40	25.00	14.00	7.99	69.70	154.00	269.00	332.00	172.00	92.40	48.30	38.80	1,270.00
1964	37.40	114.00	196.00	237.00	373.00	546.00	1,180.00	981.00	588.00	380.00	209.00	109.00	4,960.00
1965	60.60	50.20	72.30	356.00	436.00	507.00	1,490.00	1,320.00	746.00	472.00	281.00	146.00	5,930.00
1966	80.70	1,300.00	1,930.00	1,910.00	1,820.00	1,660.00	1,090.00	618.00	369.00	209.00	109.00	56.20	11,200.00
1967	32.50	21.10	4,770.00	1,820.00	1,550.00	1,600.00	1,600.00	1,480.00	853.00	519.00	314.00	166.00	14,700.00
1968	90.90	51.70	239.00	339.00	328.00	322.00	336.00	203.00	104.00	57.20	32.00	16.30	2,120.00
1969	9.30	5.06	13.60	2,190.00	5,600.00	5,300.00	2,970.00	1,880.00	1,290.00	704.00	429.00	240.00	20,600.00
1970	133.00	76.50	47.70	38.70	28.00	861.00	548.00	371.00	196.00	105.00	57.50	33.40	2,500.00
1971	18.70	12.10	769.00	1,620.00	1,070.00	828.00	517.00	352.00	187.00	101.00	52.10	27.00	5,550.00
1972	17.60	11.00	229.00	947.00	680.00	477.00	279.00	152.00	80.10	42.90	22.70	11.90	2,950.00
1973	6.77	53.80	615.00	908.00	1,400.00	2,030.00	1,840.00	1,530.00	894.00	547.00	337.00	177.00	10,400.00
1974	98.30	63.30	97.90	1,070.00	798.00	1,110.00	941.00	586.00	352.00	199.00	105.00	53.60	5,480.00
1975	33.40	65.90	51.90	36.40	44.60	458.00	1,060.00	791.00	473.00	296.00	156.00	81.90	3,550.00
1976	46.40	26.00	46.20	26.70	624.00	1,250.00	810.00	590.00	362.00	206.00	108.00	269.00	4,370.00
1977	428.00	249.00	141.00	414.00	301.00	271.00	235.00	215.00	169.00	90.80	53.10	37.90	2,600.00
1978	21.00	11.00	71.70	2,520.00	2,890.00	6,560.00	3,480.00	2,220.00	1,540.00	890.00	517.00	310.00	21,000.00
1979	173.00	160.00	832.00	1,630.00	2,290.00	2,990.00	2,550.00	1,680.00	994.00	589.00	367.00	196.00	14,500.00
1980	110.00	57.40	33.20	1,470.00	6,830.00	6,660.00	3,210.00	2,170.00	1,480.00	833.00	494.00	289.00	23,600.00
1981	160.00	82.70	80.40	50.40	206.00	447.00	472.00	316.00	160.00	87.00	45.30	24.10	2,130.00
1982	13.70	7.74	10.20	1,260.00	2,230.00	2,080.00	2,620.00	1,700.00	1,110.00	634.00	398.00	227.00	12,300.00
1983	142.00	163.00	1,530.00	1,820.00	3,020.00	6,490.00	4,690.00	3,860.00	2,000.00	1,570.00	901.00	483.00	26,700.00
1984	309.00	558.00	2,320.00	1,810.00	1,130.00	674.00	397.00	230.00	116.00	62.90	34.90	19.30	7,670.00
1985	11.50	8.26	411.00	996.00	1,270.00	1,220.00	1,200.00	763.00	451.00	279.00	148.00	79.40	6,840.00
1986	50.30	69.50	725.00	500.00	1,040.00	1,620.00	1,500.00	957.00	547.00	354.00	192.00	103.00	7,660.00
1987	67.50	36.30	49.20	199.00	158.00	515.00	489.00	314.00	161.00	88.60	46.70	25.00	2,150.00
1988	44.50	288.00	356.00	763.00	867.00	657.00	417.00	286.00	146.00	78.20	41.80	22.00	3,970.00
1989	12.20	7.34	56.70	654.00	1,550.00	1,430.00	1,050.00	635.00	382.00	218.00	116.00	59.60	6,170.00
1990	33.60	17.70	9.90	126.00	542.00	678.00	433.00	272.00	137.00	77.80	42.70	22.50	2,390.00
1991	12.50	7.28	6.69	24.90	16.50	2,970.00	1,930.00	1,560.00	891.00	532.00	324.00	168.00	8,440.00
1992	93.10	48.50	31.20	341.00	993.00	1,440.00	1,500.00	973.00	559.00	359.00	198.00	103.00	6,650.00
1993	63.40	159.00	240.00	7,750.00	6,600.00	4,660.00	2,830.00	1,780.00	1,120.00	603.00	370.00	197.00	26,400.00
1994	109.00	87.20	78.00	47.80	505.00	941.00	826.00	611.00	367.00	210.00	111.00	57.80	3,950.00
1995	34.60	20.30	13.70	1,870.00	1,970.00	7,670.00	3,050.00	2,100.00	1,440.00	836.00	494.00	290.00	19,800.00
1996	160.00	82.10	50.00	34.80	579.00	1,750.00	1,480.00	975.00	558.00	358.00	194.00	101.00	6,320.00
1997	56.10	89.20	931.00	2,320.00	1,800.00	1,760.00	1,290.00	733.00	436.00	264.00	137.00	81.20	9,890.00
1998	69.60	54.20	397.00	1,090.00	3,860.00	3,940.00	3,770.00	2,620.00	1,760.00	1,220.00	690.00	416.00	19,900.00
Mean	72.40	97.70	400.00	955.00	1,360.00	1,880.00	1,410.00	974.00	598.00	362.00	209.00	120.00	8,450.00
Median	47.40	48.50	78.00	436.00	905.00	1,220.00	1,060.00	635.00	436.00	264.00	137.00	81.20	5,930.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for the HRUs for reservoir segment 6													
1950	3,490.00	6,470.00	8,760.00	12,900.00	9,810.00	3,260.00	3,190.00	1,130.00	0.00	99.80	200.00	1,630.00	51,000.00
1951	251.00	6,370.00	326.00	10,000.00	5,450.00	3,140.00	9,160.00	1,610.00	0.00	5,570.00	1,280.00	628.00	43,800.00
1952	3,590.00	3,360.00	36,500.00	17,300.00	2,960.00	22,300.00	9,210.00	0.00	177.00	3,410.00	51.30	226.00	99,200.00
1953	0.00	11,900.00	10,000.00	6,520.00	2,640.00	5,020.00	5,520.00	2,260.00	0.00	879.00	2,230.00	0.00	47,000.00
1954	879.00	3,310.00	2,890.00	21,000.00	8,060.00	22,800.00	428.00	51.30	302.00	3,290.00	477.00	1,530.00	65,000.00
1955	0.00	3,740.00	5,600.00	14,700.00	11,200.00	126.00	1,910.00	4,520.00	0.00	3,310.00	9,090.00	0.00	54,100.00
1956	0.00	4,540.00	7,180.00	19,900.00	3,060.00	0.00	6,200.00	1,430.00	0.00	878.00	0.00	0.00	43,200.00
1957	225.00	0.00	2,840.00	22,500.00	3,260.00	6,200.00	4,170.00	11,400.00	2,440.00	326.00	251.00	0.00	53,600.00
1958	10,100.00	6,450.00	7,730.00	8,160.00	15,500.00	29,600.00	17,400.00	653.00	0.00	0.00	0.00	4,970.00	100,500.00
1959	878.00	1,130.00	25.80	2,580.00	18,800.00	0.00	904.00	428.00	0.00	326.00	2,380.00	4,040.00	31,500.00
1960	3,390.00	3,390.00	12,800.00	8,030.00	14,200.00	2,640.00	5,220.00	728.00	0.00	200.00	502.00	2,860.00	53,900.00
1961	1,860.00	3,660.00	1,180.00	3,440.00	0.00	5,700.00	553.00	1,080.00	0.00	126.00	2,960.00	0.00	20,600.00
1962	1,510.00	4,440.00	7,400.00	8,030.00	20,200.00	6,850.00	0.00	4,390.00	527.00	0.00	0.00	2,210.00	55,500.00
1963	2,210.00	277.00	1,780.00	2,360.00	11,800.00	7,600.00	9,160.00	0.00	0.00	0.00	779.00	9,810.00	45,800.00
1964	3,490.00	12,600.00	678.00	10,800.00	2,540.00	12,800.00	9,290.00	3,390.00	0.00	1,730.00	0.00	2,960.00	60,300.00
1965	930.00	7,450.00	10,500.00	3,740.00	4,770.00	8,280.00	18,900.00	51.30	0.00	2,790.00	1,880.00	1,350.00	60,700.00
1966	251.00	34,100.00	15,100.00	4,020.00	6,700.00	2,610.00	753.00	51.30	0.00	728.00	200.00	1,430.00	65,900.00
1967	2,060.00	3,790.00	45,300.00	10,100.00	0.00	11,100.00	12,400.00	1,180.00	126.00	5,020.00	4,890.00	3,790.00	99,800.00
1968	0.00	7,300.00	9,560.00	4,140.00	1,960.00	6,700.00	7,450.00	2,560.00	0.00	6,200.00	277.00	0.00	46,200.00
1969	904.00	2,380.00	7,850.00	44,200.00	31,600.00	8,430.00	3,460.00	2,690.00	0.00	553.00	0.00	1,310.00	103,400.00
1970	477.00	6,070.00	1,080.00	5,720.00	3,440.00	18,600.00	2,560.00	0.00	0.00	1,730.00	8,030.00	126.00	47,900.00
1971	351.00	10,400.00	16,200.00	6,170.00	2,540.00	2,210.00	4,740.00	5,220.00	0.00	2,030.00	377.00	126.00	50,300.00
1972	3,990.00	978.00	22,000.00	126.00	3,060.00	0.00	1,610.00	1,060.00	5,370.00	200.00	3,090.00	277.00	41,700.00
1973	1,860.00	9,130.00	11,500.00	10,400.00	15,500.00	19,800.00	1,180.00	779.00	0.00	0.00	1,530.00	0.00	71,600.00
1974	904.00	7,780.00	1,480.00	21,100.00	779.00	8,860.00	5,270.00	225.00	0.00	2,540.00	1,080.00	0.00	50,000.00
1975	7,680.00	377.00	5,320.00	376.00	6,680.00	18,000.00	8,330.00	1,880.00	0.00	351.00	0.00	3,960.00	52,900.00
1976	2,960.00	6,270.00	1,250.00	0.00	19,400.00	7,850.00	4,620.00	4,570.00	25.80	1,660.00	0.00	20,900.00	69,400.00
1977	753.00	2,280.00	6,330.00	8,780.00	2,840.00	6,450.00	779.00	12,000.00	628.00	25.80	8,080.00	0.00	48,900.00
1978	451.00	1,100.00	15,700.00	30,500.00	19,200.00	26,400.00	8,160.00	1,710.00	0.00	2,110.00	0.00	2,130.00	107,500.00
1979	1,560.00	11,800.00	14,400.00	17,600.00	13,800.00	21,900.00	0.00	853.00	0.00	5,670.00	4,240.00	51.30	91,700.00
1980	5,950.00	451.00	3,890.00	36,000.00	43,700.00	16,600.00	5,750.00	4,020.00	25.80	200.00	0.00	0.00	116,700.00
1981	904.00	0.00	7,280.00	8,010.00	8,080.00	8,460.00	3,060.00	1,510.00	0.00	0.00	0.00	2,580.00	39,900.00
1982	1,100.00	4,120.00	2,760.00	29,200.00	13,000.00	20,900.00	5,320.00	477.00	0.00	5,750.00	5,650.00	7,450.00	95,800.00
1983	2,760.00	21,200.00	12,300.00	18,600.00	20,200.00	28,700.00	18,500.00	2,330.00	0.00	0.00	9,690.00	1,250.00	135,500.00
1984	1,660.00	22,000.00	19,900.00	0.00	99.80	527.00	3,040.00	151.00	351.00	5,400.00	3,560.00	2,410.00	59,100.00
1985	2,610.00	5,850.00	18,600.00	4,440.00	8,080.00	10,800.00	2,940.00	0.00	0.00	4,240.00	0.00	4,620.00	62,100.00
1986	3,740.00	15,800.00	4,540.00	5,220.00	15,500.00	15,700.00	804.00	0.00	0.00	4,340.00	1,430.00	5,620.00	72,700.00
1987	1,410.00	3,640.00	6,350.00	7,980.00	7,330.00	7,830.00	1,380.00	251.00	1,880.00	2,010.00	2,010.00	2,440.00	44,500.00
1988	11,000.00	7,000.00	7,830.00	9,460.00	3,210.00	2,260.00	8,210.00	1,510.00	0.00	0.00	3,540.00	177.00	54,200.00
1989	0.00	5,290.00	12,100.00	6,300.00	16,300.00	8,180.00	0.00	753.00	0.00	0.00	2,910.00	1,610.00	53,500.00
1990	1,860.00	1,150.00	1,000.00	15,100.00	8,480.00	2,080.00	3,790.00	2,480.00	653.00	4,420.00	1,810.00	3,660.00	46,500.00
1991	200.00	3,560.00	1,730.00	6,220.00	12,900.00	38,100.00	200.00	1,000.00	0.00	5,200.00	953.00	1,810.00	71,900.00
1992	3,790.00	251.00	8,610.00	8,030.00	17,000.00	14,600.00	1,530.00	477.00	0.00	602.00	5,700.00	0.00	60,500.00
1993	10,900.00	0.00	14,600.00	59,500.00	26,600.00	7,430.00	0.00	2,110.00	3,040.00	0.00	0.00	0.00	124,200.00
1994	553.00	7,680.00	2,610.00	2,860.00	18,200.00	8,280.00	6,620.00	376.00	0.00	51.30	2,990.00	0.00	50,300.00
1995	4,490.00	4,070.00	4,320.00	37,800.00	9,060.00	42,200.00	4,520.00	6,220.00	3,160.00	1,000.00	3,110.00	1,580.00	121,600.00
1996	0.00	99.80	4,370.00	8,880.00	22,800.00	9,190.00	3,840.00	51.30	0.00	251.00	1,510.00	0.00	51,000.00
1997	1,250.00	12,500.00	15,300.00	25,100.00	5,020.00	0.00	1,760.00	753.00	0.00	2,260.00	0.00	11,700.00	75,700.00
1998	628.00	11,700.00	7,030.00	14,300.00	38,500.00	18,300.00	6,880.00	10,700.00	753.00	351.00	4,490.00	200.00	113,900.00
Mean	2,280.00	6,310.00	9,070.00	13,000.00	11,300.00	11,300.00	4,910.00	2,100.00	397.00	1,790.00	2,110.00	2,310.00	67,000.00
Median	2,260.00	6,310.00	9,080.00	13,000.00	11,400.00	11,500.00	4,950.00	2,120.00	405.00	1,830.00	2,150.00	2,330.00	67,300.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evapotranspiration in the HRUs for reservoir segment 6													
1950	3,270.00	5,700.00	4,500.00	5,090.00	7,110.00	9,290.00	8,070.00	2,010.00	52.90	99.90	200.00	1,620.00	47,000.00
1951	263.00	4,430.00	2,000.00	4,170.00	5,740.00	7,480.00	5,160.00	6,310.00	231.00	4,520.00	2,150.00	713.00	43,200.00
1952	1,740.00	3,810.00	5,060.00	5,250.00	6,550.00	7,960.00	12,100.00	13,100.00	5,860.00	3,840.00	482.00	226.00	66,000.00
1953	0.00	4,330.00	5,500.00	7,060.00	5,890.00	7,990.00	4,730.00	5,340.00	238.00	876.00	2,140.00	95.60	44,200.00
1954	851.00	3,010.00	3,090.00	3,950.00	8,270.00	8,430.00	13,600.00	6,900.00	1,130.00	3,170.00	621.00	1,530.00	54,500.00
1955	1.54	3,470.00	4,940.00	5,110.00	5,800.00	9,250.00	5,440.00	5,010.00	168.00	2,970.00	8,590.00	771.00	51,500.00
1956	17.30	3,170.00	5,670.00	4,020.00	5,600.00	9,560.00	8,480.00	2,590.00	106.00	875.00	3.05	0.00	40,100.00
1957	225.00	0.00	2,740.00	4,770.00	7,730.00	9,560.00	8,500.00	10,600.00	4,350.00	535.00	251.00	0.00	49,300.00
1958	6,400.00	6,220.00	6,230.00	5,080.00	6,870.00	8,080.00	12,700.00	13,800.00	5,540.00	645.00	11.90	4,060.00	75,600.00
1959	1,710.00	1,190.00	37.10	2,510.00	4,840.00	9,750.00	2,990.00	591.00	0.07	325.00	2,360.00	3,800.00	30,100.00
1960	1,960.00	4,890.00	4,190.00	5,230.00	6,080.00	10,300.00	8,220.00	4,560.00	153.00	200.00	502.00	2,840.00	49,100.00
1961	1,830.00	2,900.00	1,960.00	1,170.00	2,230.00	3,550.00	2,700.00	1,120.00	4.44	126.00	2,750.00	212.00	20,600.00
1962	1,210.00	2,240.00	5,490.00	5,630.00	5,750.00	8,360.00	11,100.00	6,120.00	1,010.00	16.10	0.00	1,880.00	48,800.00
1963	2,380.00	395.00	1,460.00	2,590.00	6,970.00	8,610.00	8,440.00	4,190.00	113.00	0.05	778.00	8,510.00	44,400.00
1964	4,320.00	6,280.00	5,650.00	4,260.00	6,340.00	7,820.00	11,800.00	7,560.00	466.00	1,420.00	318.00	2,260.00	58,500.00
1965	1,610.00	4,520.00	3,990.00	6,560.00	6,530.00	8,350.00	12,700.00	6,440.00	453.00	1,970.00	2,650.00	1,360.00	57,100.00
1966	306.00	3,830.00	6,090.00	5,930.00	6,250.00	10,800.00	7,820.00	3,270.00	204.00	723.00	204.00	1,260.00	46,700.00
1967	2,210.00	3,600.00	6,090.00	6,750.00	7,540.00	10,200.00	9,740.00	12,100.00	5,020.00	5,370.00	4,880.00	3,880.00	77,300.00
1968	239.00	2,940.00	5,510.00	6,050.00	6,580.00	6,950.00	7,760.00	2,870.00	174.00	4,930.00	1,520.00	23.80	45,500.00
1969	855.00	2,220.00	2,590.00	6,580.00	5,970.00	10,000.00	12,500.00	11,900.00	6,020.00	1,470.00	28.00	1,300.00	61,500.00
1970	479.00	5,190.00	1,890.00	4,530.00	2,890.00	10,100.00	8,530.00	1,820.00	46.40	1,720.00	7,150.00	994.00	45,400.00
1971	371.00	978.00	5,790.00	6,900.00	7,220.00	8,120.00	6,240.00	5,200.00	844.00	1,890.00	533.00	126.00	44,200.00
1972	3,420.00	1,510.00	3,940.00	6,240.00	7,800.00	3,980.00	1,640.00	1,210.00	5,190.00	386.00	1,650.00	1,700.00	38,700.00
1973	1,870.00	4,370.00	5,800.00	5,680.00	6,650.00	8,140.00	13,000.00	9,360.00	1,350.00	58.40	1,530.00	0.00	57,800.00
1974	903.00	2,640.00	5,670.00	5,980.00	6,950.00	9,730.00	8,920.00	1,410.00	42.70	2,360.00	1,250.00	0.01	45,900.00
1975	1,270.00	6,230.00	4,170.00	1,730.00	5,750.00	8,210.00	10,600.00	7,440.00	466.00	355.00	0.06	3,820.00	50,100.00
1976	2,210.00	1,550.00	5,830.00	965.00	6,520.00	9,610.00	9,760.00	6,080.00	320.00	1,480.00	181.00	11,900.00	56,400.00
1977	8,410.00	2,690.00	354.00	6,400.00	7,160.00	5,900.00	4,310.00	10,000.00	2,420.00	74.40	7,040.00	1,010.00	55,800.00
1978	480.00	1,100.00	2,800.00	6,420.00	7,100.00	11,200.00	12,000.00	13,100.00	7,330.00	2,570.00	404.00	2,080.00	66,600.00
1979	1,530.00	3,960.00	5,700.00	5,380.00	6,700.00	10,300.00	13,600.00	9,760.00	2,940.00	5,180.00	4,630.00	321.00	70,000.00
1980	3,470.00	2,870.00	2,460.00	6,400.00	8,140.00	9,650.00	14,000.00	12,800.00	8,600.00	2,420.00	101.00	0.00	70,900.00
1981	877.00	27.00	6,170.00	3,040.00	7,770.00	9,140.00	7,370.00	1,780.00	201.00	0.00	0.00	2,510.00	38,900.00
1982	1,170.00	831.00	3,600.00	6,020.00	7,490.00	9,410.00	13,100.00	10,600.00	3,650.00	5,190.00	5,370.00	4,670.00	71,200.00
1983	5,540.00	5,690.00	5,760.00	7,190.00	7,170.00	10,100.00	11,600.00	18,000.00	8,870.00	3,150.00	9,030.00	1,780.00	93,800.00
1984	1,850.00	4,470.00	6,370.00	7,430.00	7,500.00	5,510.00	4,280.00	685.00	352.00	4,570.00	4,130.00	2,320.00	49,500.00
1985	2,690.00	3,010.00	5,480.00	6,180.00	7,380.00	9,100.00	11,900.00	2,220.00	106.00	3,890.00	341.00	4,070.00	56,300.00
1986	4,160.00	3,990.00	6,900.00	7,010.00	7,610.00	11,500.00	10,700.00	2,370.00	131.00	3,760.00	1,910.00	2,620.00	62,700.00
1987	4,350.00	2,910.00	5,300.00	5,900.00	4,740.00	9,270.00	5,540.00	473.00	1,870.00	1,560.00	2,160.00	2,600.00	46,700.00
1988	7,510.00	7,300.00	5,010.00	6,530.00	7,720.00	4,680.00	6,410.00	3,460.00	137.00	0.00	3,320.00	395.00	52,500.00
1989	0.01	2,700.00	4,830.00	6,380.00	7,150.00	11,500.00	8,770.00	1,600.00	29.00	0.00	2,830.00	1,640.00	47,400.00
1990	1,770.00	928.00	1,090.00	5,920.00	6,730.00	9,530.00	5,290.00	1,920.00	1,680.00	4,230.00	1,960.00	3,520.00	44,600.00
1991	387.00	2,140.00	2,840.00	5,640.00	1,490.00	8,820.00	13,800.00	9,940.00	2,950.00	2,440.00	3,830.00	1,860.00	56,100.00
1992	1,170.00	2,830.00	4,010.00	6,820.00	7,940.00	9,970.00	12,700.00	2,870.00	120.00	602.00	5,470.00	224.00	54,800.00
1993	3,070.00	6,780.00	4,980.00	6,100.00	6,690.00	12,200.00	13,700.00	10,200.00	7,470.00	628.00	11.90	0.00	71,800.00
1994	553.00	4,550.00	4,960.00	1,910.00	6,560.00	11,000.00	10,300.00	4,300.00	134.00	51.40	2,900.00	84.80	47,300.00
1995	4,260.00	3,540.00	2,720.00	6,250.00	9,230.00	10,800.00	13,000.00	13,000.00	10,700.00	3,790.00	2,880.00	2,000.00	82,100.00
1996	9.93	99.80	3,320.00	3,830.00	8,130.00	11,100.00	12,800.00	2,970.00	149.00	251.00	1,320.00	186.00	44,200.00
1997	679.00	3,040.00	6,760.00	6,720.00	7,420.00	12,300.00	6,910.00	2,880.00	116.00	2,020.00	235.00	7,990.00	57,100.00
1998	4,170.00	4,700.00	5,950.00	6,800.00	6,260.00	10,500.00	12,800.00	15,300.00	9,900.00	3,850.00	4,550.00	334.00	85,200.00
Mean	2,040.00	3,300.00	4,350.00	5,310.00	6,580.00	9,050.00	9,350.00	6,310.00	2,230.00	1,890.00	2,190.00	1,980.00	54,600.00
Median	2,020.00	3,250.00	4,350.00	5,310.00	6,570.00	9,050.00	9,380.00	6,400.00	2,280.00	1,930.00	2,230.00	1,990.00	54,800.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total runoff from HRUs flowing to reservoir segment 6													
1950	314.00	250.00	222.00	267.00	806.00	750.00	587.00	478.00	366.00	302.00	242.00	190.00	4,770.00
1951	161.00	132.00	118.00	101.00	96.30	148.00	118.00	110.00	87.30	74.40	61.90	49.40	1,260.00
1952	43.30	36.40	1,900.00	7,920.00	2,750.00	5,640.00	3,890.00	2,580.00	1,810.00	1,420.00	1,090.00	824.00	29,900.00
1953	669.00	539.00	536.00	768.00	595.00	599.00	466.00	390.00	307.00	260.00	213.00	170.00	5,510.00
1954	147.00	119.00	104.00	438.00	837.00	1,410.00	1,820.00	1,370.00	1,010.00	809.00	630.00	481.00	9,180.00
1955	396.00	307.00	260.00	302.00	365.00	595.00	448.00	371.00	288.00	242.00	201.00	164.00	3,940.00
1956	139.00	112.00	126.00	462.00	689.00	491.00	379.00	308.00	236.00	193.00	154.00	120.00	3,410.00
1957	100.00	79.80	67.10	284.00	567.00	692.00	544.00	463.00	374.00	306.00	245.00	191.00	3,910.00
1958	164.00	170.00	185.00	179.00	690.00	4,050.00	6,910.00	2,890.00	2,030.00	1,590.00	1,220.00	912.00	21,000.00
1959	740.00	566.00	466.00	375.00	461.00	631.00	482.00	399.00	310.00	260.00	211.00	168.00	5,070.00
1960	143.00	120.00	120.00	303.00	672.00	927.00	697.00	570.00	434.00	356.00	284.00	222.00	4,850.00
1961	187.00	147.00	126.00	104.00	80.20	74.70	61.90	53.20	44.40	37.70	32.40	26.30	975.00
1962	22.80	19.40	56.00	69.20	397.00	1,210.00	968.00	771.00	581.00	471.00	372.00	287.00	5,220.00
1963	239.00	188.00	158.00	131.00	121.00	132.00	119.00	111.00	87.30	74.40	61.00	54.00	1,480.00
1964	51.00	65.00	91.90	96.60	115.00	144.00	361.00	320.00	246.00	202.00	162.00	127.00	1,980.00
1965	108.00	92.80	92.10	166.00	179.00	185.00	696.00	674.00	507.00	412.00	325.00	254.00	3,690.00
1966	212.00	3,480.00	2,750.00	2,600.00	2,530.00	1,940.00	1,390.00	1,110.00	830.00	672.00	530.00	410.00	18,500.00
1967	341.00	269.00	11,900.00	2,010.00	1,760.00	1,450.00	1,340.00	1,130.00	826.00	655.00	506.00	386.00	22,600.00
1968	317.00	249.00	277.00	285.00	234.00	212.00	173.00	147.00	118.00	101.00	84.00	67.60	2,260.00
1969	58.40	48.20	46.00	5,420.00	10,300.00	8,720.00	4,910.00	3,010.00	2,040.00	1,600.00	1,220.00	921.00	38,300.00
1970	748.00	576.00	479.00	389.00	291.00	857.00	579.00	474.00	366.00	305.00	246.00	194.00	5,500.00
1971	165.00	133.00	730.00	1,290.00	880.00	783.00	593.00	483.00	370.00	305.00	245.00	191.00	6,160.00
1972	162.00	129.00	249.00	649.00	509.00	438.00	333.00	274.00	213.00	179.00	144.00	114.00	3,390.00
1973	96.60	98.40	345.00	492.00	1,030.00	2,080.00	2,190.00	1,690.00	1,250.00	1,000.00	781.00	598.00	11,700.00
1974	492.00	387.00	347.00	892.00	653.00	729.00	611.00	499.00	385.00	320.00	260.00	206.00	5,780.00
1975	176.00	164.00	140.00	117.00	94.40	218.00	481.00	452.00	345.00	285.00	228.00	179.00	2,880.00
1976	150.00	121.00	117.00	95.90	526.00	828.00	637.00	519.00	395.00	323.00	256.00	279.00	4,250.00
1977	297.00	229.00	191.00	332.00	267.00	243.00	195.00	192.00	168.00	141.00	116.00	93.90	2,460.00
1978	79.40	64.20	87.80	4,490.00	4,620.00	10,900.00	5,590.00	3,660.00	2,440.00	1,920.00	1,480.00	1,110.00	36,400.00
1979	906.00	724.00	1,030.00	1,640.00	2,990.00	3,970.00	3,920.00	2,410.00	1,780.00	1,430.00	1,110.00	852.00	22,800.00
1980	703.00	547.00	459.00	2,110.00	14,100.00	11,500.00	5,540.00	3,720.00	2,320.00	1,800.00	1,380.00	1,040.00	45,200.00
1981	840.00	645.00	550.00	445.00	383.00	412.00	355.00	300.00	238.00	204.00	169.00	136.00	4,680.00
1982	118.00	95.80	86.20	1,870.00	3,620.00	2,520.00	3,390.00	2,150.00	1,580.00	1,250.00	963.00	732.00	18,400.00
1983	603.00	519.00	1,610.00	1,770.00	4,100.00	9,250.00	7,170.00	6,220.00	3,650.00	2,810.00	2,160.00	1,630.00	41,500.00
1984	1,320.00	1,250.00	3,170.00	2,580.00	1,530.00	1,280.00	975.00	802.00	621.00	519.00	421.00	334.00	14,800.00
1985	284.00	228.00	387.00	677.00	857.00	848.00	756.00	616.00	471.00	389.00	314.00	247.00	6,070.00
1986	210.00	185.00	490.00	415.00	658.00	1,190.00	1,100.00	875.00	658.00	536.00	424.00	330.00	7,080.00
1987	280.00	220.00	194.00	193.00	152.00	198.00	186.00	158.00	125.00	106.00	87.80	71.60	1,970.00
1988	72.70	113.00	118.00	211.00	280.00	248.00	196.00	172.00	136.00	116.00	95.00	77.40	1,830.00
1989	66.40	54.10	60.50	338.00	1,380.00	909.00	735.00	584.00	439.00	356.00	281.00	218.00	5,420.00
1990	182.00	143.00	121.00	139.00	275.00	374.00	287.00	238.00	185.00	155.00	127.00	100.00	2,330.00
1991	86.70	68.70	60.30	56.40	43.10	6,530.00	2,530.00	1,600.00	1,160.00	911.00	695.00	520.00	14,300.00
1992	421.00	322.00	266.00	321.00	671.00	851.00	1,000.00	800.00	606.00	496.00	394.00	308.00	6,460.00
1993	260.00	252.00	233.00	16,300.00	10,800.00	7,780.00	4,980.00	2,970.00	2,100.00	1,650.00	1,270.00	960.00	49,600.00
1994	782.00	615.00	520.00	420.00	530.00	737.00	639.00	537.00	415.00	348.00	282.00	224.00	6,050.00
1995	191.00	154.00	133.00	3,150.00	2,570.00	16,400.00	5,030.00	3,370.00	2,050.00	1,590.00	1,210.00	905.00	36,700.00
1996	733.00	560.00	463.00	374.00	552.00	1,600.00	1,250.00	1,010.00	762.00	622.00	493.00	382.00	8,810.00
1997	319.00	282.00	714.00	2,870.00	2,510.00	2,170.00	1,580.00	1,260.00	949.00	771.00	609.00	475.00	14,500.00
1998	407.00	324.00	394.00	742.00	6,010.00	5,380.00	5,540.00	3,790.00	2,510.00	1,970.00	1,510.00	1,140.00	29,700.00
Mean	320.00	330.00	681.00	1,380.00	1,780.00	2,470.00	1,730.00	1,210.00	841.00	670.00	522.00	401.00	12,300.00
Median	210.00	185.00	233.00	415.00	658.00	851.00	697.00	584.00	439.00	356.00	284.00	247.00	5,780.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Measured rainfall for reservoir segment 6													
1950	2.70	60.30	81.00	119.00	90.80	30.80	30.10	10.70	0.00	0.93	1.83	14.80	473.00
1951	2.24	56.30	2.84	86.80	46.70	26.90	77.10	13.40	0.00	44.00	9.86	4.73	371.00
1952	26.70	24.70	270.00	174.00	31.40	237.00	97.80	0.00	1.86	35.90	0.53	2.32	901.00
1953	0.00	120.00	99.70	64.80	26.10	49.60	54.00	21.90	0.00	8.30	20.70	0.00	465.00
1954	7.94	29.70	25.70	185.00	73.10	213.00	4.21	0.50	3.00	32.70	4.72	15.00	594.00
1955	0.00	35.80	53.20	138.00	105.00	1.18	17.90	42.40	0.00	30.40	82.50	0.00	507.00
1956	0.00	39.60	62.40	171.00	27.70	0.00	56.50	13.00	0.00	7.79	0.00	0.00	378.00
1957	1.88	0.00	23.20	182.00	27.40	52.70	36.70	101.00	21.70	2.89	2.18	0.00	452.00
1958	85.50	54.60	65.20	68.40	132.00	273.00	178.00	6.93	0.00	0.00	0.00	51.50	915.00
1959	8.97	11.40	0.25	25.60	184.00	0.00	8.76	4.12	0.00	3.04	22.00	36.70	305.00
1960	30.40	30.30	113.00	70.90	127.00	24.30	48.70	6.81	0.00	1.84	4.59	26.00	484.00
1961	16.60	32.50	10.40	29.80	0.00	48.20	4.63	8.86	0.00	0.97	22.20	0.00	174.00
1962	10.90	31.50	52.50	56.30	142.00	50.90	0.00	36.80	4.52	0.00	0.00	18.70	404.00
1963	18.70	2.31	14.80	19.60	97.10	62.20	74.30	0.00	0.00	0.00	5.86	72.20	367.00
1964	25.20	90.40	4.85	76.70	17.90	90.40	66.20	24.50	0.00	12.30	0.00	20.50	429.00
1965	6.37	50.80	71.40	25.40	32.50	56.80	131.00	0.37	0.00	21.10	14.30	10.20	420.00
1966	1.89	261.00	148.00	41.80	70.40	27.70	7.92	0.53	0.00	7.35	2.02	14.00	582.00
1967	20.10	36.50	440.00	107.00	0.00	117.00	130.00	12.40	1.31	51.30	48.90	37.40	1,002.00
1968	0.00	69.80	90.90	39.00	18.40	62.40	68.90	23.40	0.00	54.00	2.38	0.00	429.00
1969	7.35	19.10	62.00	359.00	335.00	89.70	36.80	28.50	0.00	5.81	0.00	13.60	957.00
1970	4.88	61.50	10.80	56.70	33.60	182.00	25.00	0.00	0.00	16.40	74.40	1.15	466.00
1971	3.20	92.90	146.00	57.10	24.20	21.20	45.60	50.00	0.00	19.00	3.47	1.14	463.00
1972	35.90	8.73	194.00	1.14	27.90	0.00	14.70	9.58	48.50	1.75	26.40	2.35	371.00
1973	15.40	75.10	94.10	87.40	134.00	183.00	11.80	7.81	0.00	0.00	15.40	0.00	625.00
1974	8.90	75.70	14.40	203.00	7.58	86.30	51.40	2.19	0.00	23.80	10.10	0.00	483.00
1975	69.50	3.41	47.70	3.33	58.90	157.00	73.50	16.80	0.00	3.08	0.00	33.90	468.00
1976	25.00	52.20	10.40	0.00	158.00	66.20	40.90	41.00	0.23	14.70	0.00	182.00	591.00
1977	6.60	19.90	54.80	76.50	24.80	56.40	6.82	104.00	5.39	0.21	65.60	0.00	421.00
1978	3.54	8.58	120.00	248.00	192.00	281.00	86.60	18.10	0.00	22.30	0.00	22.40	1,000.00
1979	16.20	121.00	147.00	182.00	145.00	233.00	0.00	9.05	0.00	59.60	44.40	0.52	958.00
1980	60.50	4.57	38.60	358.00	466.00	177.00	61.00	42.60	0.27	2.11	0.00	0.00	1,210.00
1981	9.33	0.00	73.60	79.40	79.80	82.90	29.80	14.30	0.00	0.00	0.00	23.20	392.00
1982	9.76	35.50	23.50	253.00	123.00	218.00	56.50	5.06	0.00	60.20	58.60	76.10	920.00
1983	27.80	212.00	124.00	192.00	214.00	305.00	196.00	24.80	0.00	0.00	103.00	13.20	1,410.00
1984	17.40	231.00	210.00	0.00	1.06	5.54	31.80	1.54	3.54	53.60	34.90	23.20	613.00
1985	24.90	55.10	174.00	42.00	76.80	104.00	28.50	0.00	0.00	40.00	0.00	42.60	588.00
1986	34.30	144.00	41.50	47.90	143.00	147.00	7.71	0.00	0.00	41.50	13.50	52.60	673.00
1987	13.10	33.60	58.40	73.10	66.60	71.00	12.50	2.23	16.50	16.90	16.60	19.80	400.00
1988	87.50	55.40	61.50	74.10	25.30	17.80	64.50	11.80	0.00	0.00	26.00	1.28	425.00
1989	0.00	37.10	84.40	43.90	117.00	66.20	0.00	6.44	0.00	0.00	24.70	13.40	393.00
1990	15.30	9.44	8.12	122.00	68.70	17.10	31.10	20.20	5.28	35.00	14.00	28.00	374.00
1991	1.52	26.30	12.70	45.40	92.00	327.00	2.01	10.50	0.00	53.50	9.73	18.20	599.00
1992	37.20	2.45	82.90	77.10	162.00	141.00	14.90	4.65	0.00	5.80	54.20	0.00	581.00
1993	101.00	0.00	134.00	595.00	283.00	78.90	0.00	22.40	32.20	0.00	0.00	0.00	1,250.00
1994	5.68	78.10	26.20	28.30	180.00	81.60	65.10	3.68	0.00	0.48	28.00	0.00	497.00
1995	41.10	37.00	38.90	349.00	91.60	447.00	48.00	66.10	33.60	10.60	32.60	16.50	1,210.00
1996	0.00	1.02	43.60	87.40	223.00	90.90	38.70	0.51	0.00	2.47	14.70	0.00	503.00
1997	11.90	118.00	145.00	244.00	52.90	0.00	18.60	7.92	0.00	23.10	0.00	116.00	737.00
1998	6.15	113.00	67.90	138.00	388.00	193.00	72.70	114.00	7.94	3.71	47.30	2.11	1,150.00
Mean	20.40	56.50	81.20	118.00	107.00	109.00	46.20	19.90	3.79	17.00	19.60	21.00	620.00
Median	11.90	37.00	62.00	76.70	79.80	78.90	36.80	10.50	0.00	7.79	10.10	13.40	497.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Total simulated evaporation for reservoir segment 6													
1950	113.00	101.00	57.00	50.90	71.10	99.00	142.00	174.00	224.00	291.00	253.00	172.00	1,750.00
1951	138.00	86.10	70.60	54.10	56.30	89.40	112.00	167.00	192.00	256.00	212.00	168.00	1,600.00
1952	99.10	58.50	40.10	56.10	73.90	89.80	138.00	232.00	232.00	339.00	307.00	223.00	1,890.00
1953	161.00	70.80	59.90	75.90	65.70	99.00	120.00	158.00	225.00	324.00	260.00	180.00	1,800.00
1954	116.00	79.60	59.30	57.10	81.60	84.80	147.00	200.00	241.00	325.00	225.00	187.00	1,800.00
1955	126.00	86.40	59.50	51.60	59.40	99.50	116.00	168.00	213.00	252.00	266.00	194.00	1,690.00
1956	121.00	71.70	55.30	59.90	53.90	99.80	119.00	175.00	230.00	257.00	206.00	188.00	1,640.00
1957	101.00	77.10	59.80	47.80	70.10	91.10	118.00	156.00	258.00	294.00	248.00	174.00	1,700.00
1958	99.80	58.80	60.20	57.30	63.50	79.60	144.00	231.00	269.00	316.00	317.00	228.00	1,920.00
1959	165.00	86.80	85.60	71.40	62.70	113.00	159.00	175.00	264.00	331.00	252.00	172.00	1,940.00
1960	129.00	82.00	60.70	49.80	58.60	105.00	135.00	186.00	259.00	316.00	255.00	204.00	1,840.00
1961	117.00	66.80	56.30	67.30	63.00	85.30	125.00	145.00	234.00	256.00	213.00	135.00	1,560.00
1962	94.30	51.70	42.90	45.70	43.80	67.70	129.00	152.00	220.00	263.00	264.00	189.00	1,560.00
1963	120.00	75.20	63.40	52.20	76.40	84.40	100.00	161.00	186.00	239.00	211.00	169.00	1,540.00
1964	102.00	59.90	49.00	44.40	51.60	69.40	97.00	139.00	186.00	242.00	210.00	140.00	1,390.00
1965	108.00	53.70	44.50	49.20	50.90	68.80	101.00	144.00	163.00	231.00	226.00	134.00	1,370.00
1966	121.00	64.90	62.50	64.60	70.30	125.00	171.00	229.00	287.00	330.00	313.00	226.00	2,060.00
1967	139.00	84.30	71.90	76.20	85.60	116.00	110.00	194.00	243.00	365.00	340.00	207.00	2,030.00
1968	157.00	92.70	58.40	65.00	89.10	105.00	133.00	192.00	246.00	293.00	233.00	183.00	1,850.00
1969	116.00	69.60	47.60	59.30	66.70	114.00	144.00	234.00	244.00	347.00	351.00	250.00	2,040.00
1970	129.00	92.70	69.30	69.00	81.20	108.00	128.00	215.00	265.00	341.00	301.00	196.00	2,000.00
1971	126.00	85.00	56.10	69.30	75.30	112.00	129.00	190.00	259.00	316.00	296.00	209.00	1,920.00
1972	121.00	74.90	48.00	60.90	80.50	132.00	141.00	202.00	253.00	312.00	250.00	167.00	1,840.00
1973	115.00	62.90	52.30	51.00	62.10	80.20	141.00	235.00	301.00	321.00	292.00	188.00	1,900.00
1974	140.00	83.80	68.80	61.80	74.20	107.00	141.00	209.00	275.00	299.00	256.00	213.00	1,930.00
1975	124.00	79.60	55.20	65.30	63.60	87.80	105.00	188.00	230.00	287.00	235.00	186.00	1,710.00
1976	112.00	72.60	58.70	64.40	66.40	91.20	122.00	199.00	250.00	282.00	228.00	168.00	1,710.00
1977	119.00	84.20	60.60	60.60	75.10	82.60	131.00	148.00	238.00	281.00	239.00	164.00	1,680.00
1978	119.00	75.10	58.30	58.40	76.90	127.00	137.00	223.00	308.00	358.00	301.00	189.00	2,030.00
1979	132.00	81.80	63.00	59.10	75.50	117.00	158.00	232.00	307.00	347.00	283.00	248.00	2,100.00
1980	141.00	83.50	82.30	73.00	91.70	109.00	161.00	187.00	275.00	382.00	302.00	245.00	2,130.00
1981	168.00	96.30	85.40	76.90	85.80	103.00	158.00	209.00	321.00	316.00	294.00	199.00	2,110.00
1982	110.00	81.30	66.40	56.30	78.60	104.00	151.00	218.00	244.00	339.00	318.00	222.00	1,990.00
1983	137.00	76.30	61.80	78.90	80.70	113.00	131.00	236.00	268.00	345.00	324.00	257.00	2,110.00
1984	152.00	88.50	71.70	84.30	87.50	130.00	159.00	278.00	282.00	352.00	305.00	241.00	2,230.00
1985	122.00	74.40	55.90	62.70	76.30	97.60	161.00	209.00	289.00	338.00	270.00	168.00	1,920.00
1986	127.00	70.10	68.60	80.20	76.50	119.00	149.00	224.00	290.00	299.00	308.00	165.00	1,980.00
1987	120.00	84.70	63.20	61.70	67.70	96.00	160.00	203.00	253.00	240.00	238.00	174.00	1,760.00
1988	121.00	65.10	44.50	56.30	73.10	103.00	122.00	176.00	210.00	264.00	213.00	157.00	1,610.00
1989	117.00	61.50	47.20	48.80	58.30	103.00	153.00	188.00	244.00	303.00	232.00	183.00	1,740.00
1990	117.00	79.00	63.50	58.80	59.70	102.00	133.00	172.00	251.00	279.00	226.00	170.00	1,710.00
1991	119.00	67.80	47.70	52.00	70.60	87.10	154.00	207.00	262.00	330.00	294.00	236.00	1,930.00
1992	168.00	96.20	67.00	72.00	82.80	104.00	170.00	234.00	258.00	310.00	304.00	213.00	2,080.00
1993	143.00	80.90	53.40	66.30	75.20	138.00	178.00	248.00	300.00	296.00	300.00	231.00	2,110.00
1994	153.00	87.70	70.70	80.40	70.90	121.00	154.00	199.00	304.00	316.00	296.00	200.00	2,050.00
1995	118.00	63.70	61.60	63.00	100.00	121.00	150.00	192.00	271.00	351.00	339.00	247.00	2,080.00
1996	157.00	107.00	74.70	75.00	87.40	119.00	176.00	231.00	290.00	365.00	321.00	204.00	2,210.00
1997	142.00	87.20	68.30	69.80	82.70	148.00	170.00	283.00	274.00	317.00	317.00	235.00	2,190.00
1998	139.00	89.10	62.50	70.30	66.90	119.00	145.00	179.00	245.00	365.00	362.00	218.00	2,060.00
Mean	128.00	77.80	60.60	62.50	71.80	103.00	139.00	198.00	254.00	309.00	274.00	196.00	1,870.00
Median	121.00	79.60	60.20	61.70	73.10	103.00	141.00	199.00	253.00	316.00	270.00	189.00	1,920.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Streamflow out of reservoir segment 6													
1950	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1951	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1952	0.00	0.00	0.00	885.00	1,050.00	3,970.00	2,130.00	576.00	19.90	0.00	0.00	0.00	8,630.00
1953	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1954	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1955	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1956	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1957	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1958	0.00	0.00	0.00	0.00	0.00	0.00	3,440.00	895.00	114.00	0.00	0.00	0.00	4,450.00
1959	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1960	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1961	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1962	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1963	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1964	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1965	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1966	0.00	0.00	0.00	0.00	493.00	135.00	0.00	0.00	0.00	0.00	0.00	0.00	628.00
1967	0.00	0.00	7,010.00	292.00	168.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,470.00
1968	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1969	0.00	0.00	0.00	0.00	7,200.00	7,040.00	3,080.00	1,030.00	122.00	0.00	0.00	0.00	18,500.00
1970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1971	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1972	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1973	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1974	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1975	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1976	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1977	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1978	0.00	0.00	0.00	0.00	559.00	9,190.00	3,830.00	1,690.00	414.00	15.30	0.00	0.00	15,700.00
1979	0.00	0.00	0.00	0.00	938.00	2,240.00	2,090.00	410.00	1.89	0.00	0.00	0.00	5,680.00
1980	0.00	0.00	0.00	0.00	11,900.00	9,820.00	3,730.00	1,810.00	338.00	0.00	0.00	0.00	27,600.00
1981	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1982	0.00	0.00	0.00	0.00	0.00	117.00	1,580.00	186.00	0.00	0.00	0.00	0.00	1,880.00
1983	0.00	0.00	0.00	0.00	2,110.00	7,630.00	5,490.00	4,260.00	1,670.00	688.00	187.00	0.00	22,000.00
1984	0.00	0.00	1,450.00	756.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,210.00
1985	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1986	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1988	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1989	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1990	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1991	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1992	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1993	0.00	0.00	0.00	10,800.00	9,360.00	5,980.00	3,100.00	973.00	167.00	0.00	0.00	0.00	30,300.00
1994	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1995	0.00	0.00	0.00	0.00	0.00	14,300.00	3,220.00	1,470.00	159.00	0.00	0.00	0.00	19,100.00
1996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1997	0.00	0.00	0.00	0.00	0.00	187.00	7.74	0.00	0.00	0.00	0.00	0.00	195.00
1998	0.00	0.00	0.00	0.00	2,100.00	4,010.00	3,790.00	2,290.00	772.00	6.39	0.00	0.00	13,000.00
Mean	0.00	0.00	173.00	260.00	732.00	1,320.00	724.00	318.00	77.10	14.50	3.82	0.00	3,620.00
Median	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Table 6. Flows in and out of the land surfaces [hydrologic response units (HRUs)] and the channel reach and reservoir segments (RCHRESs) in the long-term (1950–98) model of the eastern part of the San Jacinto River Basin, Riverside County, California—Continued

Year end	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Annual
Channel (reservoir) infiltration for reservoir segment 6													
1950	434.00	387.00	369.00	351.00	362.00	466.00	471.00	473.00	416.00	367.00	307.00	248.00	4,650.00
1951	241.00	227.00	230.00	225.00	200.00	218.00	206.00	208.00	192.00	187.00	177.00	162.00	2,470.00
1952	159.00	149.00	154.00	1,050.00	1,670.00	1,790.00	1,730.00	1,790.00	1,680.00	1,410.00	1,200.00	1,060.00	13,900.00
1953	977.00	854.00	824.00	802.00	705.00	753.00	677.00	638.00	542.00	465.00	380.00	301.00	7,920.00
1954	261.00	235.00	237.00	234.00	264.00	409.00	651.00	799.00	802.00	797.00	737.00	651.00	6,080.00
1955	606.00	532.00	503.00	469.00	411.00	468.00	444.00	436.00	374.00	329.00	275.00	235.00	5,080.00
1956	234.00	221.00	226.00	222.00	232.00	279.00	284.00	281.00	242.00	237.00	227.00	211.00	2,900.00
1957	210.00	196.00	197.00	196.00	187.00	221.00	224.00	239.00	232.00	234.00	227.00	213.00	2,580.00
1958	215.00	207.00	213.00	211.00	200.00	423.00	1,610.00	1,790.00	1,710.00	1,540.00	1,230.00	1,110.00	10,500.00
1959	1,040.00	903.00	831.00	750.00	629.00	684.00	619.00	580.00	489.00	417.00	338.00	272.00	7,560.00
1960	247.00	232.00	235.00	235.00	236.00	344.00	392.00	426.00	389.00	352.00	296.00	247.00	3,630.00
1961	241.00	229.00	233.00	227.00	200.00	215.00	201.00	199.00	182.00	175.00	163.00	149.00	2,420.00
1962	147.00	136.00	139.00	135.00	124.00	164.00	186.00	210.00	213.00	222.00	220.00	209.00	2,110.00
1963	214.00	204.00	207.00	204.00	183.00	199.00	190.00	191.00	176.00	172.00	162.00	149.00	2,250.00
1964	148.00	140.00	142.00	140.00	130.00	138.00	139.00	147.00	142.00	142.00	136.00	127.00	1,670.00
1965	128.00	121.00	124.00	125.00	114.00	127.00	133.00	154.00	158.00	166.00	166.00	159.00	1,680.00
1966	163.00	186.00	649.00	1,060.00	1,470.00	1,770.00	1,490.00	1,230.00	1,090.00	975.00	826.00	696.00	11,600.00
1967	635.00	547.00	1,560.00	1,740.00	1,600.00	1,580.00	1,400.00	1,270.00	1,110.00	997.00	840.00	708.00	14,000.00
1968	637.00	541.00	513.00	474.00	406.00	393.00	341.00	297.00	238.00	231.00	219.00	200.00	4,490.00
1969	198.00	184.00	185.00	265.00	1,520.00	1,800.00	1,730.00	1,790.00	1,720.00	1,540.00	1,220.00	1,100.00	13,300.00
1970	1,030.00	906.00	842.00	765.00	621.00	698.00	658.00	629.00	535.00	464.00	383.00	311.00	7,850.00
1971	271.00	236.00	264.00	430.00	479.00	576.00	560.00	555.00	483.00	425.00	346.00	272.00	4,900.00
1972	246.00	232.00	236.00	261.00	285.00	317.00	298.00	281.00	240.00	235.00	223.00	207.00	3,060.00
1973	206.00	195.00	203.00	210.00	208.00	395.00	708.00	924.00	955.00	946.00	866.00	767.00	6,580.00
1974	724.00	639.00	609.00	626.00	594.00	666.00	637.00	612.00	526.00	464.00	388.00	312.00	6,800.00
1975	273.00	244.00	243.00	238.00	210.00	231.00	229.00	241.00	232.00	233.00	225.00	212.00	2,810.00
1976	213.00	201.00	205.00	200.00	191.00	222.00	229.00	244.00	237.00	239.00	233.00	223.00	2,640.00
1977	231.00	222.00	227.00	229.00	209.00	231.00	221.00	225.00	212.00	208.00	197.00	183.00	2,590.00
1978	181.00	170.00	171.00	317.00	1,050.00	1,810.00	1,740.00	1,790.00	1,730.00	1,720.00	1,410.00	1,180.00	13,300.00
1979	1,160.00	1,040.00	1,040.00	1,130.00	1,560.00	1,790.00	1,730.00	1,790.00	1,650.00	1,380.00	1,200.00	1,080.00	16,600.00
1980	1,000.00	875.00	814.00	823.00	1,640.00	1,810.00	1,740.00	1,790.00	1,730.00	1,650.00	1,290.00	1,150.00	16,300.00
1981	1,100.00	962.00	903.00	811.00	681.00	695.00	610.00	549.00	444.00	363.00	282.00	233.00	7,630.00
1982	233.00	219.00	220.00	260.00	658.00	1,250.00	1,730.00	1,780.00	1,570.00	1,270.00	1,160.00	1,010.00	11,400.00
1983	938.00	822.00	936.00	1,070.00	1,560.00	1,800.00	1,740.00	1,800.00	1,730.00	1,790.00	1,780.00	1,570.00	17,500.00
1984	1,380.00	1,240.00	1,570.00	1,790.00	1,590.00	1,400.00	1,170.00	1,110.00	929.00	815.00	707.00	587.00	14,300.00
1985	532.00	459.00	448.00	481.00	484.00	591.00	601.00	605.00	535.00	479.00	412.00	343.00	5,970.00
1986	317.00	280.00	310.00	326.00	327.00	467.00	573.00	629.00	588.00	557.00	497.00	425.00	5,300.00
1987	403.00	352.00	336.00	313.00	257.00	270.00	241.00	237.00	220.00	216.00	204.00	188.00	3,240.00
1988	187.00	178.00	182.00	181.00	172.00	185.00	177.00	180.00	168.00	164.00	155.00	142.00	2,070.00
1989	140.00	131.00	133.00	137.00	148.00	193.00	204.00	220.00	216.00	219.00	214.00	202.00	2,160.00
1990	204.00	194.00	196.00	194.00	177.00	200.00	195.00	199.00	187.00	184.00	175.00	162.00	2,270.00
1991	161.00	151.00	152.00	149.00	131.00	494.00	1,050.00	1,210.00	1,160.00	1,120.00	983.00	822.00	7,580.00
1992	747.00	646.00	596.00	552.00	507.00	594.00	635.00	663.00	607.00	568.00	498.00	421.00	7,040.00
1993	380.00	345.00	337.00	1,310.00	1,640.00	1,800.00	1,730.00	1,790.00	1,720.00	1,590.00	1,260.00	1,130.00	15,000.00
1994	1,070.00	938.00	876.00	789.00	674.00	739.00	697.00	678.00	582.00	510.00	425.00	346.00	8,320.00
1995	310.00	269.00	251.00	483.00	891.00	1,740.00	1,740.00	1,790.00	1,720.00	1,540.00	1,220.00	1,110.00	13,000.00
1996	1,030.00	886.00	823.00	746.00	659.00	804.00	884.00	919.00	829.00	771.00	674.00	570.00	9,590.00
1997	520.00	457.00	483.00	700.00	1,150.00	1,780.00	1,630.00	1,310.00	1,130.00	1,040.00	890.00	760.00	11,800.00
1998	706.00	615.00	597.00	597.00	949.00	1,680.00	1,560.00	1,490.00	1,540.00	1,610.00	1,410.00	1,170.00	13,900.00
Mean	470.00	419.00	448.00	515.00	623.00	773.00	797.00	804.00	745.00	688.00	593.00	516.00	7,390.00
Median	271.00	236.00	251.00	326.00	411.00	494.00	619.00	612.00	535.00	464.00	383.00	311.00	6,580.00