Table 1: Angostura Reservoir Monthly Calibrated Adjusted Infow (Kaf)

Angostura Reservoir monthly calibrated adjusted inflow (Kaf)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
1953	1.7	2.8	18.4	3.2	5.6	18.1	1.5	10.1	0.5	0.7	0.5	1.1	64.2
1954	1.0	2.2	3.0	1.6	17.1	2.4	2.7	9.1	0.1	1.3	0.8	1.0	42.3
1955	1.1	1.6	15.1	50.4	18.9	16.1	2.7	27.7	15.2	0.8	0.9	4.2	154.7
1956	2.6	2.8	8.9	2.4	9.7	10.7	-0.7	2.2	-0.3	0.4	1.7	1.8	42.2
1957	1.5	2.4	5.7	6.8	81.0	34.1	7.9	7.9	2.2	1.9	2.1	1.0	154.5
1958	1.2	2.3	5.6	11.1	1.7	6.8	55.1	16.9	-0.5	0.5	0.5	1.0	102.2
1959	1.1	0.9	6.5	2.0	2.0	11.6	7.8	-0.1	1.3	1.2	1.3	1.4	37.0
1960	1.5	1.8	9.6	1.7	1.5	5.4	1.3	0.4	0.7	0.8	1.1	1.4	27.2
1961	1.4	1.3	1.8	1.1	1.5	1.4	4.1	2.4	0.5	1.3	1.2	1.0	19.0
1962	1.2	6.1	7.3	1.1	127.9	168.5	84.2	7.3	0.2	2.8	1.1	1.2	408.9
1963	1.4	9.0	7.9	5.3	9.6	43.8	5.6	0.7	6.4	0.4	0.3	0.6	91.0
1964	1.1	1.6	3.1	6.2	5.0	26.2	3.4	-1.0	0.1	0.3	1.1	1.4	48.5
1965	1.8	2.1	5.9	6.1	26.7	57.5	19.1	2.4	1.6	4.2	1.5	1.4	130.3
1966	1.5	2.0	16.8	6.2	0.5	-0.6	13.8	18.1	1.1	-16.8	2.3	1.5	46.4
1967	2.3	4.9	12.3	5.8	11.8	112.3	19.3	0.5	1.7	0.3	2.0	1.8	175.0
1968	2.0	3.1	8.0	4.8	3.4	30.0	4.9	6.3	2.5	0.9	1.7	1.4	69.0
1969	1.5	1.8	11.1	5.2	6.9	6.1	56.3	0.9	-0.1	1.1	1.7	1.9	94.4
1970	1.3	3.8	7.4	7.6	6.3	-1.3	0.7	1.5	-0.3	1.8	1.8	1.6	32.2
1971	1.3	4.5	8.5	22.8	85.6	57.5	1.8	0.6	1.3	2.6	2.9	1.9	191.3
1972	1.4	6.4	20.0	2.7	3.1	6.3	2.0	2.8	0.5	2.1	2.1	1.5	50.9
1973	1.8	2.5	6.5	7.2	21.8	3.1	8.1	1.7	16.4	3.2	3.2	2.4	77.9
1974	8.9	9.4	7.1	8.1	-0.2	-0.6	0.8	2.2	0.7	1.4	2.7	1.4	41.9
1975	1.5	1.4	11.1	14.8	4.6	7.6	2.7	1.0	-0.7	1.1	1.3	2.4	48.8
1976	1.7	3.2	6.6	3.3	3.8	14.5	3.4	3.3	0.8	1.1	1.2	1.3	44.2
1977	1.3	1.8	4.7	6.5	1.4	2.5	3.8	2.4	4.1	2.6	1.5	1.7	34.3
1978	1.6	1.5	49.2	5.0	155.9	20.2	31.2	18.6	1.2	1.8	1.5	2.0	289.7
1979	1.8	1.4	15.8	9.3	3.4	3.8	9.6	19.6	0.8	1.1	1.6	1.3	69.5
1980	1.7	12.2	10.0	4.7	1.8	4.8	-0.5	5.0	0.1	1.3	1.5	2.4	45.0
1981	2.5	2.5	1.9	0.7	2.3	0.7	13.1	9.3	-2.5	2.2	1.6	1.5	35.8
1982	1.5	3.9	5.9	2.4	17.6	42.2	7.9	9.9	5.6	6.5	2.8	2.1	108.3
1983	2.9	8.4	6.4	5.8	8.7	5.3	3.3	4.6	0.1	2.8	2.3	1.8	52.4
1984	2.2	8.2	20.0	8.9	37.7	16.3	1.5	2.4	1.1	2.1	2.2	1.5	104.1
1985	1.7	1.7	8.4	2.4	-0.2	0.1	3.2	3.5	1.5	1.9	1.5	1.5	27.2
1986	1.7	8.4	24.7	21.0	13.0	42.0	8.2	0.5	8.2	13.4	2.5	1.9	145.5
1987	2.4	7.3	32.8	11.7	9.2	7.3	0.4	0.9	1.1	1.1	2.0	1.8	78.0
1988	1.3	2.0	4.6	1.7	2.4	0.8	2.0	2.4	1.6	1.0	1.5	1.6	22.9
1989	1.4	1.5	5.0	2.3	2.9	0.6	1.7	0.8	6.2	1.6	2.1	1.9	28.0
1990	1.9	2.2	7.3	3.7	6.0	1.7	3.4	2.3	1.3	1.9	1.9	1.6	35.2
1991	1.6	2.4	3.1	2.3	101.5	88.2	3.3	0.4	0.9	1.3	2.4	1.8	209.2
1992	1.8	3.0	3.3	1.6	1.3	2.3	3.8	1.8	1.1	1.2	1.5	1.5	24.2
1993	1.6	1.7	26.3	17.0	12.3	19.9	18.0	9.2	2.0	2.8	1.3	1.8	113.9
1994	2.8	7.7	37.4	3.9	3.2	0.6	1.2	2.0	0.8	3.4	1.6	2.3	66.9
1995	3.0	5.7	5.4	3.8	20.0	25.7	2.7	1.3	1.0	2.1	3.0	1.7	75.4
1996	2.0	5.5	14.2	9.7	24.7	14.1	-0.6	3.6	2.6	2.7	3.0	2.4	83.9
1997	5.1	38.7	41.1	22.9	22.3	29.3	10.4	6.8	1.2	2.1	2.2	2.2	184.3
Mean	2.0	4.6	12.0	7.4	20.1	21.5	9.7	5.2	2.0	1.6	1.7	1.7	89.5
Min	1.0	0.9	1.8	0.7	(0.2)	(1.3)	(0.7)	(1.0)	(2.5)	(16.8)	0.3	0.6	19.0
10 pctile	1.2	1.5	3.2	1.6	1.4	0.6	0.7	0.5	(0.2)	0.4	1.0	1.0	27.5
25 pctile	1.4	1.8	5.7	2.4	2.4	2.4	1.8	1.0	0.5	1.1	1.3	1.4	41.9
Median	1.6	2.5	7.9	5.2	6.3	7.6	3.4	2.4	1.1	1.4	1.6	1.6	66.9
75 pctile	2.0	5.7	15.1	8.1	18.9	26.2	8.2	7.3	1.7	2.2	2.2	1.9	108.3
90 pctile	2.7	8.4	25.7	16.1	63.7	52.0	19.2	14.2	6.0	3.0	2.8	2.4	180.6
Max	8.9	38.7	49.2	50.4	155.9	168.5	84.2	27.7	16.4	13.4	3.2	4.2	408.9
cfs	31.7	83.1	195.8	125.0	326.4	360.7	157.6	83.9	34.3	26.1	29.3	27.4	123.6

NOTE: Inflows corrected for July 1958, and adjusted for evaporation and Area-Capacity for October 1966 and September 1981
Inflows calibrated to historic EOM Content by AGRAOP model.

Table 2: Angostura Reservoir Monthly Calibrated Adjusted Infow (cfs)

Angostura Reservoir monthly calibrated adjusted inflow (cfs)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
1953	27.4	50.4	299.2	53.8	91.1	304.2	24.4	164.3	8.4	11.4	8.4	17.9	88.4
1954	15.8	39.6	48.8	26.9	278.1	40.3	43.9	148.0	1.7	21.1	13.4	16.3	57.8
1955	18.5	28.8	245.6	847.0	307.4	270.6	43.9	450.5	255.4	13.0	15.1	68.3	213.7
1956	42.3	50.4	144.7	40.3	157.8	179.8	-11.4	35.8	-5.0	6.5	28.6	29.3	58.3
1957	24.7	43.2	92.7	114.3	1317.3	573.1	128.5	128.5	37.0	30.9	35.3	16.3	211.8
1958	18.9	41.4	91.1	186.5	27.6	114.3	896.1	274.9	-8.4	8.1	8.4	16.3	139.6
1959	17.4	16.2	105.7	33.6	32.5	194.9	126.9	-1.6	21.8	19.5	21.8	22.8	51.0
1960	24.1	32.4	156.1	28.6	24.4	90.8	21.1	6.5	11.8	13.0	18.5	22.8	37.5
1961	22.4	23.4	29.3	18.5	24.4	23.5	66.7	39.0	8.4	21.1	20.2	16.3	26.1
1962	19.0	109.8	118.7	18.5	2080.1	2831.7	1369.4	118.7	3.4	45.5	18.5	19.5	562.7
1963	22.9	162.1	128.5	89.1	156.1	736.1	91.1	11.4	107.6	6.5	5.0	9.8	127.2
1964	18.7	28.8	50.4	104.2	81.3	440.3	55.3	-16.3	1.7	4.9	18.5	22.8	67.5
1965	29.4	37.8	96.0	102.5	434.2	966.3	310.6	39.0	26.9	68.3	25.2	22.8	179.9
1966	24.0	36.0	273.2	104.2	8.1	-10.1	224.4	294.4	18.5	-273.2	38.7	24.4	63.6
1967	37.1	88.2	200.0	97.5	191.9	1887.3	313.9	8.1	28.6	4.9	33.6	29.3	243.4
1968	32.2	55.8	130.1	80.7	55.3	504.2	79.7	102.5	42.0	14.6	28.6	22.8	95.7
1969	25.1	32.4	180.5	87.4	112.2	102.5	915.6	14.6	-1.7	17.9	28.6	30.9	128.8
1970	21.9	68.4	120.3	127.7	102.5	-21.8	11.4	24.4	-5.0	29.3	30.3	26.0	44.6
1971	21.9	81.0	138.2	383.2	1392.2	966.3	29.3	9.8	21.8	42.3	48.7	30.9	263.8
1972	22.8	115.2	325.3	45.4	50.4	105.9	32.5	45.5	8.4	34.2	35.3	24.4	70.4
1973	29.3	45.0	105.7	121.0	354.5	52.1	131.7	27.6	275.6	52.0	53.8	39.0	107.3
1974	145.4	169.3	115.5	136.1	-3.3	-10.1	13.0	35.8	11.8	22.8	45.4	22.8	58.7
1975	24.5	25.2	180.5	248.7	74.8	127.7	43.9	16.3	-11.8	17.9	21.8	39.0	67.4
1976	28.3	57.6	107.3	55.5	61.8	243.7	55.3	53.7	13.4	17.9	20.2	21.1	61.3
1977	21.6	32.4	76.4	109.2	22.8	42.0	61.8	39.0	68.9	42.3	25.2	27.6	47.4
1978	25.8	27.0	800.2	84.0	2535.5	339.5	507.4	302.5	20.2	29.3	25.2	32.5	394.1
1979	29.7	25.2	257.0	156.3	55.3	63.9	156.1	318.8	13.4	17.9	26.9	21.1	95.1
1980	27.4	219.7	162.6	79.0	29.3	80.7	-8.1	81.3	1.7	21.1	25.2	39.0	63.2
1981	40.6	45.0	30.9	11.8	37.4	11.8	213.1	151.3	-42.0	35.8	26.9	24.4	48.9
1982	24.3	70.2	96.0	40.3	286.2	709.2	128.5	161.0	94.1	105.7	47.1	34.2	149.7
1983	47.8	151.3	104.1	97.5	141.5	89.1	53.7	74.8	1.7	45.5	38.7	29.3	72.9
1984	35.7	147.6	325.3	149.6	613.1	273.9	24.4	39.0	18.5	34.2	37.0	24.4	143.6
1985	28.1	30.6	136.6	40.3	-3.3	1.7	52.0	56.9	25.2	30.9	25.2	24.4	37.4
1986	28.2	151.3	401.7	352.9	211.4	705.8	133.4	8.1	137.8	217.9	42.0	30.9	201.8
1987	39.2	131.4	533.4	196.6	149.6	122.7	6.5	14.6	18.5	17.9	33.6	29.3	107.8
1988	21.3	36.0	74.8	28.6	39.0	13.4	32.5	39.0	26.9	16.3	25.2	26.0	31.6
1989	22.2	27.0	81.3	38.7	47.2	10.1	27.6	13.0	104.2	26.0	35.3	30.9	38.6
1990	31.6	39.6	118.7	62.2	97.6	28.6	55.3	37.4	21.8	30.9	31.9	26.0	48.5
1991	25.5	43.2	50.4	38.7	1650.7	1482.3	53.7	6.5	15.1	21.1	40.3	29.3	288.1
1992	30.1	54.0	53.7	26.9	21.1	38.7	61.8	29.3	18.5	19.5	25.2	24.4	33.6
1993	26.2	30.6	427.7	285.7	200.0	334.4	292.7	149.6	33.6	45.5	21.8	29.3	156.4
1994	45.1	138.6	608.3	65.5	52.0	10.1	19.5	32.5	13.4	55.3	26.9	37.4	92.1
1995	48.5	102.6	87.8	63.9	325.3	431.9	43.9	21.1	16.8	34.2	50.4	27.6	104.5
1996	32.8	99.0	230.9	163.0	401.7	237.0	-9.8	58.5	43.7	43.9	50.4	39.0	115.9
1997	82.7	696.8	668.4	384.8	362.7	492.4	169.1	110.6	20.2	34.2	37.0	35.8	257.9
Mean	31.7	83.1	195.8	125.0	326.4	360.7	157.6	83.9	34.3	26.1	29.3	27.4	123.5
Min	15.8	16.2	29.3	11.8	-3.3	-21.8	-11.4	-16.3	-42.0	-273.2	5.0	9.8	26.1
10 pctile	18.9	27.0	51.7	27.6	23.4	10.1	12.0	8.1	-3.7	7.2	16.5	16.9	38.0
25 pctile	22.4	32.4	92.7	40.3	39.0	40.3	29.3	16.3	8.4	17.9	21.8	22.8	57.8
Median	26.2	45.0	128.5	87.4	102.5	127.7	55.3	39.0	18.5	22.8	26.9	26.0	92.1
75 pctile	32.2	102.6	245.6	136.1	307.4	440.3	133.4	118.7	28.6	35.8	37.0	30.9	149.7
90 pctile	44.0	151.3	417.3	270.9	1035.7	874.2	312.6	230.6	100.2	49.4	46.4	38.4	252.1
Max	145.4	696.8	800.2	847.0	2535.5	2831.7	1369.4	450.5	275.6	217.9	53.8	68.3	562.7

NOTE: Inflows corrected for July 1958, and adjusted for evaporation and Area-Capacity for October 1966 and September 1981
Inflows calibrated to historic EOM Content by AGRAOP model.

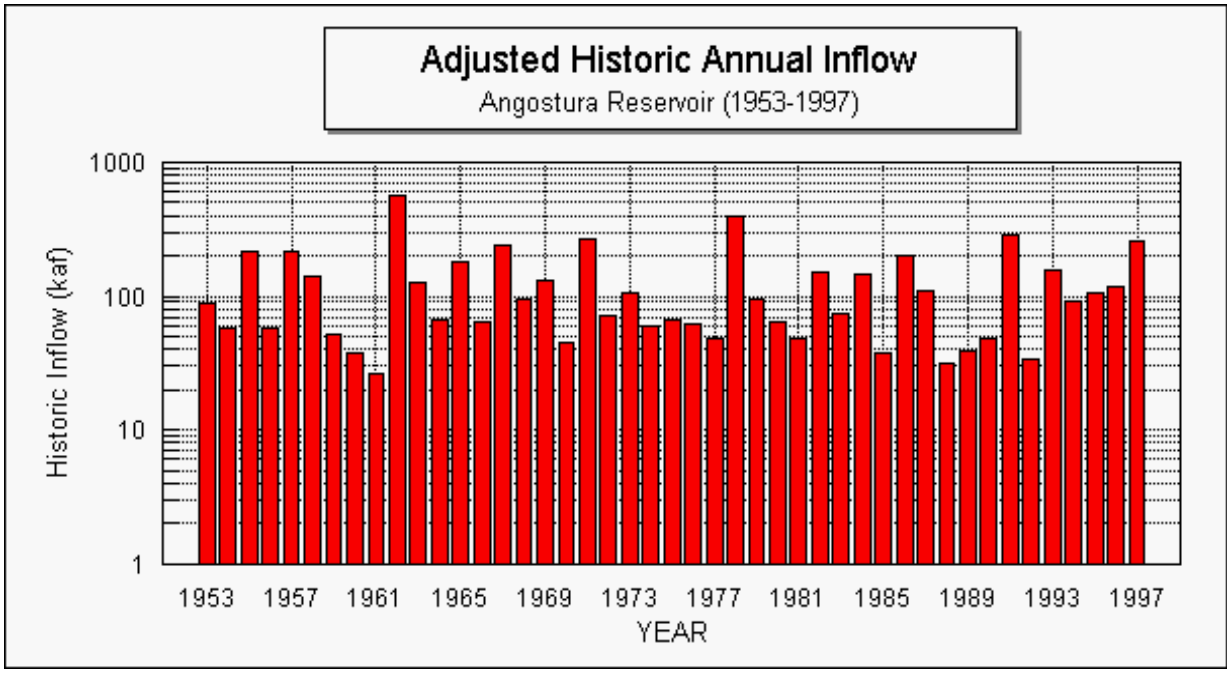

Figure 1

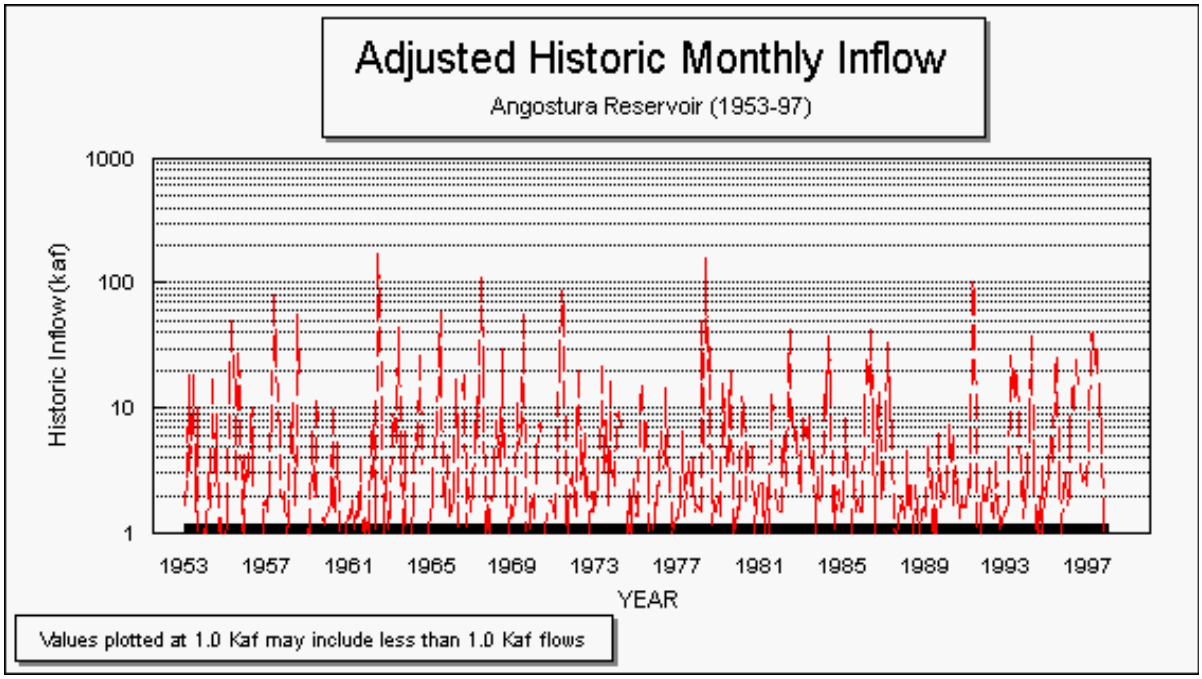

Figure 2

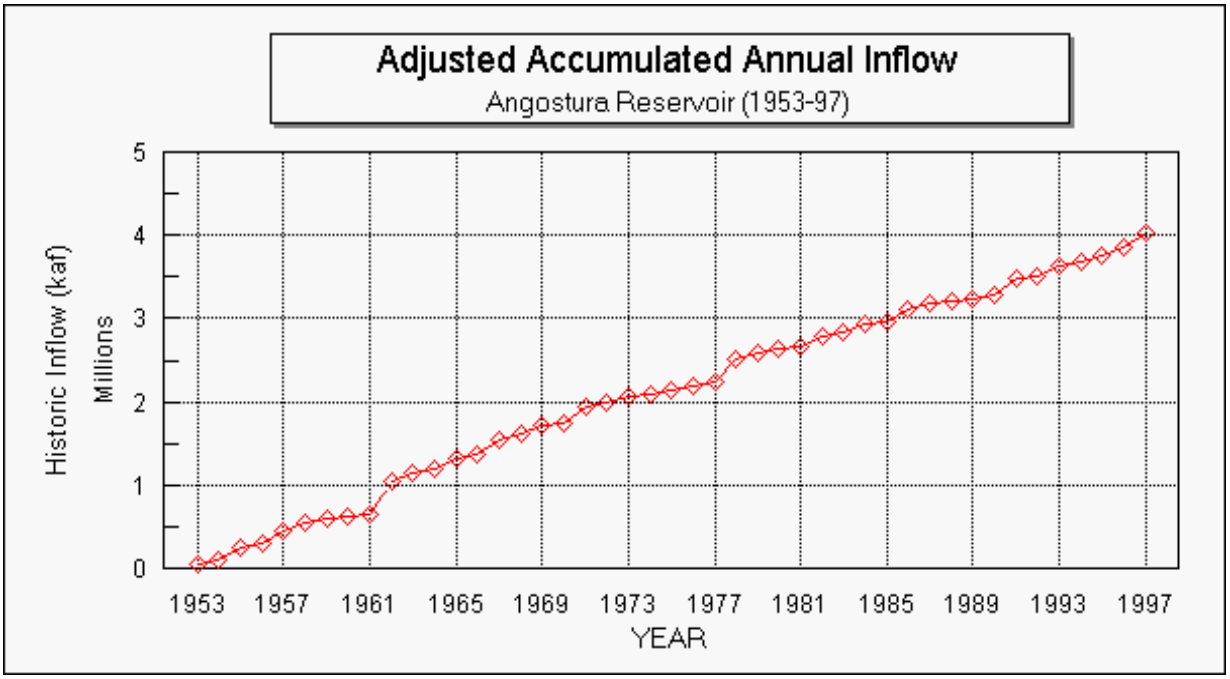
Adjusted Accumulated Annual Inflow
Angostura Reservoir (1953-97)
Historic Inflow (kaf)
Millions
0
1
2
3
4
5
1953
1957
1961
1965
1969
1973
1977
1981
1985
1989
1993
1997
YEAR

Figure 3