

1993/ 1/18 ( MON ) 11:22:20

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1977

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	85.07	49.75	42.29	29.03	68.10	633.54	119.30	211.16	95.03	183.19	101.50	64.57
2	81.12	48.21	48.21	29.03	57.77	643.19	97.26	164.31	97.26	164.05	91.05	62.83
3	81.12	48.21	46.80	29.03	61.12	271.84	109.87	87.02	87.02	183.17	160.98	62.83
4	79.20	48.21	43.74	29.03	110.24	191.69	122.64	112.47	112.47	158.17	143.78	61.12
5	77.29	46.70	42.29	29.03	68.91	351.19	194.74	164.05	95.17	238.66	166.73	59.43
6	73.55	48.21	40.86	29.03	73.55	708.66	149.42	114.73	83.06	140.86	148.41	57.77
7	73.55	52.99	39.46	29.03	73.55	536.34	145.88	161.40	79.20	126.30	123.95	56.12
8	69.89	51.31	39.46	32.77	64.57	303.57	117.00	186.00	75.41	99.37	110.24	56.12
9	68.10	49.75	39.46	36.71	61.12	233.64	103.66	203.29	114.73	91.05	93.10	52.89
10	66.32	49.75	39.46	35.38	95.17	206.24	89.02	135.93	119.30	87.02	83.06	51.31
11	66.32	49.75	38.07	35.38	69.89	186.00	87.02	133.49	99.37	83.06	77.29	51.31
12	66.32	48.21	36.71	34.06	57.77	131.08	79.20	119.30	81.12	228.30	217.34	51.31
13	64.57	46.70	36.71	34.06	51.31	103.66	73.55	101.50	75.41	112.96	256.02	62.83
14	61.12	45.21	36.71	32.77	43.74	93.10	66.32	172.14	112.47	89.02	158.76	71.71
15	59.43	45.21	35.38	31.50	39.46	119.30	61.12	128.68	97.26	83.06	121.61	77.29
16	59.43	45.21	35.38	29.03	38.07	219.53	85.03	134.56	89.02	81.12	103.66	66.32
17	61.12	49.75	34.06	29.03	36.71	180.40	73.55	99.37	99.93	81.12	93.10	51.31
18	62.83	56.12	34.06	34.06	36.71	188.84	71.71	259.30	149.70	85.03	85.03	51.31
19	66.32	51.31	32.77	36.71	57.77	166.73	66.32	219.37	303.49	83.06	83.06	48.21
20	68.10	48.21	32.77	35.38	49.75	180.40	61.12	140.86	232.66	81.12	133.63	48.21
21	62.83	49.75	32.77	34.06	46.70	224.33	64.57	117.00	140.86	81.12	121.61	49.75
22	61.12	48.21	32.77	32.77	39.46	245.33	123.95	117.00	126.30	93.10	97.26	54.50
23	59.43	45.21	32.77	31.50	34.06	177.62	101.50	101.50	105.83	91.05	83.06	115.33
24	57.77	43.74	31.50	31.50	31.50	138.39	97.26	112.47	211.30	117.00	95.09	83.06
25	57.77	43.74	31.50	46.70	30.26	206.24	91.05	145.88	150.97	89.02	97.26	
26	57.77	40.86	31.50	39.46	39.46	172.14	87.02	148.41	225.58	77.29	89.02	54.50
27	56.12	40.86	31.50	34.06	51.31	166.73	83.06	114.73	318.95	185.51	85.03	52.89
28	56.12	40.86	31.50	31.50	85.03	181.46	85.03	101.50	630.46	134.11	79.20	51.31
29	54.50		30.26	30.26	62.83	156.14	89.02	87.02	328.72	145.88	71.71	56.12
30	52.89		29.03	38.96	93.10	161.40	89.02	79.20	277.28	133.49	66.32	52.89
31	51.31		29.03		265.52		180.40	73.55		126.30		51.31
TOTAL	2018.40	1332.00	1118.78	990.82	1994.51	7478.72	3085.61	4047.70	4805.33	3759.46	3459.83	1786.46
AVERAGE	65.11	47.57	36.09	33.03	64.34	242.29	99.154	139.158	150.18	121.27	115.33	59.55
MAXIMUM	85.07	56.12	48.21	46.70	265.52	708.66	194.74	259.30	630.46	238.66	256.02	115.33
MINIMUM	51.31	40.86	29.03	29.03	30.26	93.10	61.12	73.55	75.41	77.29	66.32	48.21

ANNUAL

TOTAL	35877.62
AVERAGE	99.11
MAXIMUM	705.66
MINIMUM	29.03

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1978

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	52.89	73.55	34.06	27.83	23.27	166.73	158.76	121.61	135.93	253.68	121.61	79.20
2	51.31	56.12	32.77	27.83	23.27	163.42	121.61	101.50	128.68	273.34	121.61	77.29
3	51.31	51.31	32.77	26.66	23.27	135.93	292.65	93.10	365.52	256.02	131.08	73.55
4	51.31	79.20	32.77	26.66	22.18	108.02	161.40	143.36	533.47	312.72	128.68	69.89
5	51.31	68.10	31.50	26.66	22.18	95.17	135.93	236.78	784.81	311.04	121.61	68.10
6	49.75	73.55	31.50	25.50	21.12	111.27	119.30	188.84	1066.44	304.22	119.30	64.57
7	46.70	66.32	30.26	25.50	21.12	257.10	128.68	161.60	507.51	230.52	126.50	61.12
8	46.70	61.12	30.26	24.37	20.09	268.29	123.95	185.72	455.16	215.20	134.71	62.83
9	48.21	54.50	29.03	24.37	20.09	117.00	128.68	180.40	197.45	177.45	117.00	95.17
10	62.83	48.21	29.03	24.37	19.07	97.26	119.30	128.68	239.94	158.76	103.66	130.05
11	52.89	46.70	29.03	23.27	19.07	81.12	194.56	114.73	203.29	138.39	97.26	133.49
12	49.75	43.74	29.03	23.27	19.03	71.71	135.93	103.66	166.73	143.88	91.05	123.95
13	48.21	42.29	29.03	22.18	25.50	69.89	343.50	143.36	148.41	131.08	87.02	128.68
14	45.21	40.86	27.83	22.18	22.18	102.53	275.95	131.08	131.08	191.69	83.06	217.56
15	51.31	40.86	27.83	30.98	22.18	371.70	227.30	226.27	177.62	177.62	81.12	197.45
16	49.75	40.86	27.83	34.06	21.12	222.58	360.80	169.42	108.02	271.51	109.54	140.86
17	49.75	39.46	27.83	25.50	21.12	128.68	294.64	174.87	105.83	143.36	93.10	112.47
18	49.75	39.46	26.66	23.27	20.09	180.40	262.59	224.33	103.66	112.47	85.03	103.66
19	48.21	38.07	48.25	23.27	23.27	130.35	434.18	172.14	131.08	129.14	81.12	93.10
20	48.21	36.71	45.21	22.18	26.66	89.02	305.47	158.39	164.05	307.11	105.83	87.02
21	48.21	36.71	42.29	22.18	57.77	101.50	450.93	126.30	131.08	252.77	103.66	83.06
22	48.21	54.50	39.46	48.48	46.70	147.22	348.72	145.88	145.88	212.19	112.47	77.29
23	46.70	43.74	39.46	85.17	38.07	140.86	388.19	236.78	191.69	180.40	117.00	71.71
24	45.21	39.46	43.74	46.70	100.82	112.47	259.30	272.58	156.14	156.14	169.53	69.89
25	42.29	38.07	36.71	30.26	284.52	95.17	252.77	249.53	224.33	140.86	148.41	68.10
26	40.86	35.38	35.38	26.66	252.54	83.06	203.29	252.77	226.60	131.08	123.95	66.32
27	54.50	34.06	31.50	27.83	143.36	143.36	200.36	372.08	405.56	126.50	101.50	64.57
28	54.50	34.06	34.06	26.66	242.70	133.68	172.14	259.42	351.00	165.48	91.05	61.12
29	103.66	31.50	31.50	24.37	242.44	110.24	143.36	180.40	325.07	133.49	85.03	59.83
30	141.02	30.26	30.26	24.37	161.40	206.24	126.30	153.76	267.02	126.30	81.12	57.77
31	112.47	27.83	27.83	162.26	162.26	131.08	131.08	150.97	126.30	126.30	56.12	56.12
TOTAL	1742.99	1356.97	1024.67	872.59	2178.46	4241.97	7001.62	5268.15	7863.98	6018.51	5273.41	2855.39
AVERAGE	56.23	48.46	33.05	29.09	70.27	141.40	225.86	181.66	280.86	194.15	109.11	92.11
MAXIMUM	141.02	79.20	48.25	85.17	284.52	371.70	450.93	372.08	1046.44	312.72	169.53	217.56
MINIMUM	40.86	34.06	26.66	22.18	19.07	69.89	119.30	93.10	103.66	112.47	81.12	56.12

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 TOTAL AVERAGE MAXIMUM MINIMUM  
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 43698.71 121.05 1046.44 19.07  
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DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1979

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	54.50	35.07	35.38	31.50	58.08	50.02	521.61	105.83	187.48	349.21	121.61	158.76
2	54.50	38.07	34.06	29.03	71.77	50.02	685.94	169.91	201.82	385.87	117.00	131.92
3	54.50	36.71	31.50	27.83	71.62	52.89	613.43	176.30	197.79	356.59	112.47	126.30
4	61.12	36.71	31.50	26.66	47.47	171.10	446.38	193.72	335.77	444.19	105.11	126.30
5	59.43	35.38	30.26	25.50	77.81	204.25	341.30	173.53	316.88	561.49	103.66	128.32
6	57.77	35.38	30.26	24.37	68.72	204.86	482.15	137.22	560.00	623.01	110.24	126.23
7	56.12	35.38	30.26	24.47	61.12	227.15	454.29	116.97	588.07	549.41	119.30	108.77
8	52.89	34.06	31.50	27.83	79.84	434.87	332.19	133.11	466.36	513.92	128.68	103.02
9	52.89	34.06	32.77	24.37	111.50	569.78	302.12	155.12	562.25	623.58	123.95	109.15
10	64.57	45.21	32.77	23.27	76.12	477.00	236.86	236.67	472.53	1248.20	106.95	111.35
11	64.60	59.47	31.50	22.18	65.02	429.90	193.24	179.64	339.69	1189.72	96.22	109.15
12	57.77	51.31	30.26	22.18	72.26	363.90	166.73	180.16	572.38	1125.64	93.10	97.26
13	54.50	49.75	29.03	22.18	82.30	292.58	146.74	157.89	700.59	969.38	101.76	95.17
14	51.31	57.77	29.03	22.18	109.98	283.90	130.28	172.59	499.59	831.57	665.96	99.37
15	49.75	48.21	27.83	22.18	141.04	526.59	117.00	181.68	374.69	585.35	564.97	118.74
16	48.21	43.74	27.83	21.12	119.85	546.82	119.31	209.81	309.07	423.51	273.89	108.02
17	48.21	42.29	27.83	23.27	78.09	279.02	103.66	323.57	260.96	549.30	190.46	97.26
18	46.70	38.46	27.83	27.83	59.46	195.80	100.44	690.71	247.14	310.66	161.40	103.21
19	46.70	38.07	27.83	51.29	51.31	176.75	112.96	480.26	230.67	297.86	148.41	203.17
20	45.21	38.07	27.83	134.40	45.21	202.75	127.94	430.55	239.94	269.85	134.73	180.00
21	45.21	36.71	30.26	98.18	42.29	169.08	136.44	487.82	212.19	227.50	123.95	131.16
22	43.74	36.71	31.50	65.78	40.86	152.81	148.61	424.86	248.12	229.71	119.30	112.47
23	43.74	35.38	31.50	91.85	38.76	261.50	184.16	375.15	249.40	325.31	112.47	101.50
24	43.74	35.38	30.26	112.34	65.41	400.82	187.01	276.29	307.33	288.38	104.74	94.14
25	42.29	35.38	30.26	68.10	68.52	311.19	154.95	222.37	285.53	201.94	101.50	91.05
26	42.29	35.38	27.83	60.30	79.22	223.64	121.61	191.21	341.10	166.73	99.37	103.69
27	42.29	36.71	26.66	49.24	70.80	225.30	117.42	170.35	256.14	148.41	96.74	110.42
28	40.86	36.71	26.66	75.86	67.71	281.15	242.50	174.36	222.12	135.93	91.05	99.39
29	40.86	34.06	34.06	85.80	47.52	281.15	159.48	151.10	266.91	136.95	114.87	89.02
30	39.46	34.06	34.06	78.70	46.09	515.98	139.76	171.79	616.58	131.08	177.62	86.52
31	58.07	34.06	34.06	55.88	55.88	123.56	202.40	202.40	128.68	128.68	81.12	81.12

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 TOTAL | 1543.80 | 1125.53 | 944.17 | 1419.79 | 2209.63 | 8562.57 | 7450.17 | 7467.94 | 110679.06 | 116128.93 | 4721.48 | 3546.95  
 AVERAGE | 49.80 | 40.20 | 30.46 | 47.33 | 71.28 | 285.42 | 240.33 | 260.90 | 355.97 | 455.77 | 157.38 | 114.42  
 MAXIMUM | 64.60 | 59.47 | 35.38 | 134.40 | 141.04 | 569.78 | 685.94 | 690.71 | 700.59 | 1248.20 | 665.96 | 203.17  
 MINIMUM | 38.07 | 34.06 | 26.66 | 21.12 | 38.76 | 50.02 | 100.44 | 105.83 | 187.48 | 128.68 | 91.05 | 81.12  
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 ANNUAL  
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 TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
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 63800.02 | 174.79 | 1248.20 | 21.12  
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1993/ 1/18 ( MON ) 11:22:20

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1980

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	77.29	49.75	35.38	24.37	31.50	54.11	79.20	180.40	83.06	183.19	222.99	97.26
2	77.29	49.75	36.71	24.37	29.03	49.80	91.49	200.36	83.06	247.22	200.14	89.02
3	76.35	49.75	36.71	24.37	32.77	53.76	75.41	172.14	77.29	323.01	164.05	87.02
4	73.55	51.31	43.77	24.37	35.71	152.31	66.32	208.49	98.02	291.19	143.41	97.26
5	81.76	51.34	42.29	24.37	67.50	234.06	4.03	177.62	92.01	240.09	239.05	87.02
6	106.72	49.75	38.76	24.37	66.32	143.48	95.15	227.72	83.06	335.53	384.81	83.06
7	96.23	49.75	36.71	24.37	43.74	143.98	103.66	183.19	81.12	337.08	618.30	83.06
8	87.02	48.21	35.38	24.37	36.71	94.84	99.47	150.87	77.29	307.25	503.06	81.12
9	83.06	48.21	34.06	24.37	30.26	104.49	147.72	181.37	130.34	306.58	303.13	89.02
10	77.29	46.70	32.77	24.37	29.03	94.70	109.43	172.94	213.85	265.90	230.89	83.06
11	75.41	45.21	32.77	24.37	30.26	222.17	79.20	145.88	488.97	231.61	193.38	86.95
12	71.71	45.21	31.50	25.50	26.66	319.81	138.39	150.97	945.03	221.27	169.42	150.97
13	68.10	43.74	31.50	26.66	26.66	613.32	180.65	131.08	1362.45	197.45	156.14	131.90
14	66.32	43.74	31.50	26.66	27.83	776.91	145.85	138.39	765.68	184.90	140.86	128.68
15	66.32	42.29	30.26	26.66	25.50	737.22	143.07	183.68	523.52	275.98	128.68	131.08
16	68.10	40.86	30.26	26.66	24.37	416.81	114.82	121.61	348.26	319.36	121.61	112.47
17	66.32	40.86	30.26	27.83	23.27	268.38	105.21	183.95	304.04	290.89	115.63	99.37
18	63.27	39.46	30.26	29.03	23.27	191.84	97.02	135.93	246.88	221.81	126.30	91.05
19	66.32	39.46	29.03	32.77	23.27	163.29	75.41	147.91	230.52	292.58	110.24	85.03
20	62.83	39.46	29.03	38.07	21.12	203.85	102.84	211.87	201.82	233.43	114.73	81.12
21	62.83	38.07	29.03	42.29	22.16	262.35	135.17	240.59	166.73	300.12	114.73	89.02
22	61.12	38.07	27.83	43.77	22.18	222.44	174.91	270.82	179.78	322.19	108.02	112.47
23	59.43	36.71	27.83	39.46	38.92	170.36	355.14	208.35	166.73	262.41	99.37	126.30
24	59.86	36.71	26.66	34.06	64.47	186.02	390.94	192.77	135.93	225.39	110.24	117.00
25	62.83	35.38	26.66	31.50	42.29	161.40	318.92	161.40	128.68	252.11	117.94	106.78
26	57.77	35.38	26.66	29.03	92.08	145.88	242.66	133.95	151.08	211.34	117.00	176.30
27	54.09	35.38	26.66	27.83	87.02	114.73	222.09	108.02	183.19	289.54	101.50	145.69
28	53.17	35.38	25.50	26.66	57.77	95.17	180.40	176.45	180.40	202.35	97.26	138.39
29	54.50	35.38	25.50	31.50	56.12	114.56	174.56	110.24	224.33	180.40	103.66	117.00
30	52.89	34.06	24.37	31.50	52.89	91.05	226.50	97.26	256.86	172.89	103.66	103.66
31	51.31	34.06	24.37	24.37	61.12	158.76	89.02	89.02	150.97	150.97	93.10	93.10
TOTAL	2141.06	1241.27	969.98	865.51	1252.82	6604.11	4844.69	5090.34	8209.98	7876.03	5465.20	3301.23
AVERAGE	69.07	42.80	31.29	28.85	40.41	220.14	149.93	164.20	273.67	254.07	182.17	106.49
MAXIMUM	106.72	51.34	43.77	43.77	92.08	776.91	390.94	270.82	1362.45	337.08	618.30	176.30
MINIMUM	51.31	35.38	24.37	24.37	21.12	49.80	4.03	89.02	77.29	150.97	97.26	81.12

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 47662.22 \*\*\*\*\*  
 \*\*\*\*\* 130.22 \*\*\*\*\*  
 \*\*\*\*\* 1362.45 \*\*\*\*\*  
 \*\*\*\*\* 4.03 \*\*\*\*\*

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1981

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	85.15	43.74	40.86	26.66	21.12	112.47	265.86	160.26	363.53	259.30	233.52	71.71
2	85.03	45.21	39.46	26.66	21.12	95.17	282.36	150.97	353.59	361.62	183.19	69.89
3	87.02	45.21	39.46	25.50	21.12	103.82	235.57	128.68	326.15	453.19	243.12	69.89
4	83.06	51.31	39.46	25.50	21.12	87.02	177.62	138.39	339.78	300.05	197.45	69.89
5	83.06	52.89	36.71	24.37	22.18	83.73	183.19	121.61	252.77	230.52	166.73	81.12
6	81.12	51.31	36.71	23.27	29.03	159.48	145.88	101.50	206.24	334.43	150.97	145.88
7	81.12	54.50	34.06	23.27	30.26	110.24	126.30	108.02	277.80	318.24	150.97	131.08
8	77.29	52.89	34.06	23.27	27.83	126.30	117.00	174.87	365.57	387.12	166.73	99.37
9	71.71	46.70	35.38	23.27	25.50	341.56	143.36	150.97	452.46	309.95	140.86	108.04
10	69.89	45.21	34.06	22.18	22.18	344.82	172.31	119.30	387.66	305.13	131.08	145.88
11	68.10	42.29	34.06	22.18	21.12	368.84	183.19	110.24	314.13	369.53	126.30	153.71
12	68.10	42.29	35.38	22.18	19.07	206.24	166.73	303.57	544.84	374.31	128.68	121.61
13	73.55	43.74	34.06	22.18	19.07	188.84	257.50	314.24	434.07	259.30	128.68	101.50
14	68.10	45.21	32.77	26.66	20.09	249.53	279.34	311.54	378.59	209.20	117.00	91.05
15	66.32	46.70	34.06	26.66	20.09	303.57	200.36	303.57	526.56	183.19	108.02	87.02
16	62.83	46.70	35.38	31.30	19.07	373.14	169.42	517.98	824.83	186.73	101.50	79.20
17	59.43	43.74	34.06	30.26	19.07	310.55	148.41	479.04	545.56	158.76	99.37	75.41
18	59.43	43.74	34.06	26.66	19.07	300.20	166.73	473.91	377.83	119.30	95.17	71.71
19	57.77	43.74	41.04	29.03	19.07	266.96	234.62	475.97	366.22	177.62	93.10	73.55
20	57.77	56.29	45.21	36.74	20.09	256.34	161.40	337.56	282.74	268.62	89.02	79.20
21	56.12	95.25	38.07	31.50	18.09	479.31	133.49	282.74	282.74	200.36	87.02	103.66
22	54.50	79.86	34.06	31.50	18.09	512.75	217.24	355.87	285.01	212.19	85.03	101.50
23	54.50	66.57	32.77	26.66	18.09	583.85	156.14	518.65	252.72	211.03	83.06	85.03
24	52.89	54.50	31.50	24.37	19.07	604.13	206.24	508.97	282.74	230.52	81.12	75.41
25	51.31	48.21	31.50	23.27	22.18	367.57	226.87	990.27	778.39	297.54	77.29	71.71
26	51.31	45.21	30.26	23.27	31.50	326.19	158.76	969.31	520.81	224.33	75.41	69.89
27	49.75	43.74	29.03	22.18	35.38	282.74	173.38	715.88	389.60	265.81	73.55	66.32
28	48.21	42.29	27.83	22.18	31.50	273.05	131.08	513.39	300.05	317.83	81.12	62.83
29	45.21	26.66	26.66	22.18	44.17	533.40	133.49	452.23	269.23	321.43	73.55	61.12
30	45.21	26.66	26.66	21.12	77.82	370.83	138.24	314.24	311.82	293.17	71.71	61.12
31	43.74	27.83	27.83	27.83	95.17	370.83	121.61	256.02	236.78	236.78	64.57	64.57
TOTAL	1999.60	1417.04	1066.47	766.03	848.33	8692.64	5813.69	10889.76	11574.03	8377.10	3640.32	2749.87
AVERAGE	64.47	50.61	34.40	25.53	27.37	289.75	181.09	350.31	385.80	270.23	121.34	88.71
MAXIMUM	87.02	95.25	45.21	36.74	95.17	604.13	282.36	990.27	824.83	453.19	243.12	153.71
MINIMUM	43.74	42.29	26.66	21.12	18.09	83.73	117.00	101.50	206.24	119.30	71.71	61.12

\*\*\*\*\* ANNUAL \*\*\*\*\*

TOTAL	57603.88	157.82	990.27	18.09	16.09
AVERAGE	157.82	990.27	18.09	16.09	16.09
MAXIMUM	990.27	18.09	16.09	16.09	16.09
MINIMUM	16.09	16.09	16.09	16.09	16.09

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1982

DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	59.43	39.46	32.77	22.18	22.18	114.73	108.02	256.02	230.52	749.79	131.08	61.12
2	59.43	38.07	34.06	22.18	32.77	91.05	91.05	191.69	268.59	398.13	138.39	64.57
3	54.50	38.07	49.78	21.12	31.50	81.12	89.02	207.95	239.18	262.59	131.08	61.12
4	54.50	36.71	43.74	21.12	29.03	124.30	103.66	293.29	253.24	531.65	110.24	59.43
5	52.89	39.46	38.07	21.12	24.37	123.95	241.19	252.77	233.64	467.97	173.64	71.71
6	64.57	36.71	31.50	21.12	22.18	114.73	159.54	236.70	256.02	385.03	209.20	68.10
7	57.77	36.71	27.83	21.12	21.12	131.85	112.47	172.14	226.26	300.05	177.62	61.12
8	54.50	38.07	31.50	21.12	20.09	131.08	121.61	140.86	186.00	243.12	145.88	64.57
9	54.50	40.86	42.29	20.09	19.07	144.65	142.88	136.30	145.88	197.45	126.30	61.12
10	59.43	43.74	39.46	20.09	20.09	156.14	99.37	160.80	128.68	302.25	148.41	57.77
11	54.50	46.70	38.07	20.09	26.66	265.40	99.37	168.88	133.49	293.07	153.55	54.50
12	52.89	42.29	39.46	21.12	27.83	317.99	202.04	131.08	119.30	215.20	133.49	54.50
13	49.75	39.46	36.71	22.18	36.71	775.68	233.24	110.24	143.36	172.14	117.00	52.89
14	48.21	39.46	32.77	21.12	35.38	854.71	153.55	101.50	166.73	213.72	108.02	51.31
15	46.70	38.07	30.26	25.58	25.50	559.59	252.30	133.95	163.30	310.66	99.37	49.75
16	48.21	34.06	27.83	23.27	26.66	362.39	188.84	188.84	188.84	212.19	99.37	48.21
17	46.70	34.06	29.03	21.12	26.66	278.08	158.76	187.13	186.00	183.19	97.26	52.89
18	45.21	32.77	27.83	20.09	38.19	251.93	131.08	153.55	199.46	169.42	89.02	87.06
19	45.21	32.77	26.66	14.37	54.50	230.52	123.95	172.14	221.27	156.14	91.05	71.71
20	46.70	34.06	26.66	23.27	256.76	203.29	117.00	191.69	188.84	145.88	89.02	61.12
21	45.21	45.21	25.50	23.27	235.77	177.62	140.86	174.87	174.87	218.22	81.12	56.12
22	45.21	38.07	25.50	22.18	152.81	158.76	144.66	131.08	150.97	169.42	79.20	56.12
23	43.74	34.06	24.37	19.07	298.66	252.77	190.66	185.61	148.41	148.41	77.29	52.89
24	42.29	32.77	24.37	19.07	319.47	217.91	241.41	145.88	145.88	131.08	75.41	49.75
25	40.86	31.50	24.37	19.07	243.40	172.14	259.50	143.36	158.39	126.30	69.89	49.75
26	40.86	31.50	24.37	20.09	153.55	278.44	180.40	164.05	211.35	117.00	69.89	48.21
27	39.46	30.26	24.37	19.07	114.73	249.87	140.86	246.32	356.81	128.68	69.89	48.21
28	39.46	31.50	23.27	18.09	89.02	169.42	119.30	172.14	361.61	133.49	69.89	49.75
29	39.46	31.50	24.37	19.07	123.95	133.49	140.86	203.29	438.18	126.30	69.89	48.21
30	42.29	32.77	23.27	19.07	147.32	114.73	126.30	239.94	741.94	174.87	64.57	45.21
31	43.74	31.50	22.18	19.07	150.97	190.63	190.63	169.42	152.03	152.03	42.29	42.29
TOTAL	1518.18	1036.43	952.22	621.52	2766.90	7238.33	4804.18	553.48	6742.01	7535.44	3296.03	1761.08
AVERAGE	48.97	37.02	30.72	20.72	89.25	241.28	154.97	178.82	224.73	243.08	109.87	56.81
MAXIMUM	64.57	46.70	49.78	25.58	319.47	854.71	259.50	293.29	741.94	749.79	209.20	87.06
MINIMUM	39.46	30.26	22.18	14.37	19.07	81.12	89.02	101.50	119.30	117.00	64.57	42.29

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 43815.80 120.04 854.71 14.37 \*\*\*\*\*

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1983

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	42.29	32.80	23.27	14.37	17.12	24.37	62.83	126.30	253.25	684.36	224.48	87.02
2	40.86	31.50	23.27	18.09	17.12	58.65	54.50	93.10	211.07	694.88	188.64	127.29
3	40.86	31.50	22.18	23.27	16.18	32.77	79.20	115.15	221.27	455.16	169.42	93.10
4	42.29	31.50	22.18	23.27	14.37	25.50	93.10	174.34	169.42	358.57	166.73	77.29
5	46.70	30.26	22.18	22.18	14.37	22.18	97.26	126.30	140.86	421.96	140.86	69.89
6	45.21	29.03	22.18	18.09	13.50	17.12	117.00	105.83	140.86	417.71	133.49	68.10
7	42.29	29.03	20.09	16.18	12.66	27.83	99.37	150.97	119.30	328.72	119.30	64.57
8	39.46	29.03	19.07	15.26	12.66	16.18	183.43	148.41	117.00	291.10	110.24	61.12
9	39.46	27.83	19.07	18.09	12.66	43.52	410.00	209.20	105.83	318.99	131.08	61.12
10	39.46	27.83	18.09	20.09	12.66	81.31	277.26	256.07	204.67	224.33	103.66	57.77
11	36.71	27.83	18.09	36.86	16.18	71.71	288.40	166.73	161.40	226.37	131.43	54.50
12	39.46	26.66	19.07	34.06	14.37	45.21	155.85	166.73	164.05	210.35	121.61	54.50
13	77.50	29.03	19.07	26.66	13.50	56.12	131.08	126.30	112.47	166.73	105.83	52.89
14	61.12	29.03	18.09	22.18	12.66	51.31	105.83	126.30	97.26	311.36	110.24	51.31
15	52.89	27.83	19.07	19.07	11.84	83.06	128.23	110.24	89.02	233.95	110.24	49.75
16	75.41	26.66	18.09	19.07	11.05	100.37	127.20	95.17	110.24	177.62	99.37	64.57
17	69.89	25.50	18.09	23.27	12.66	106.22	123.95	121.61	84.25	153.55	145.88	64.57
18	57.77	26.66	17.12	32.77	12.66	183.19	108.02	97.26	81.12	206.47	131.08	51.31
19	51.31	26.66	16.18	27.83	13.50	110.44	147.49	89.02	77.29	169.42	134.73	51.31
20	48.21	25.50	16.18	23.27	11.84	114.73	135.93	103.69	71.71	138.39	99.37	51.31
21	43.74	25.50	16.18	19.07	11.84	86.84	188.79	179.50	91.05	138.39	91.05	49.75
22	42.29	25.50	16.18	18.09	11.05	126.46	227.41	246.32	85.03	119.30	97.26	46.70
23	39.46	24.37	16.18	18.09	11.05	98.02	269.23	209.20	188.91	119.30	81.12	45.21
24	36.71	24.37	15.26	17.12	11.05	66.32	239.94	158.76	131.38	166.73	77.29	43.74
25	36.71	24.37	15.26	16.18	11.05	49.75	233.64	128.68	119.30	183.19	71.71	45.21
26	40.86	24.37	15.26	16.18	20.09	77.29	187.27	110.24	138.39	411.60	68.10	57.77
27	42.29	23.27	16.18	16.18	18.09	82.43	135.93	99.37	192.28	357.31	68.10	66.32
28	39.46	23.27	16.18	14.37	14.37	84.87	153.55	218.74	218.22	265.11	62.83	49.75
29	36.71	15.26	13.50	13.50	13.50	59.45	138.39	194.47	369.80	180.40	197.00	49.75
30	36.71	14.37	13.50	13.50	30.26	56.12	105.83	135.93	453.75	153.55	114.73	86.95
31	35.38	14.37	14.37	26.76	26.76	133.49	133.49	165.33	225.49	225.49	159.81	159.81
TOTAL	1419.47	766.69	561.31	616.21	452.67	2059.32	4915.40	4545.26	4720.45	8508.36	3587.07	2013.25
AVERAGE	45.79	27.38	18.11	20.54	14.60	66.64	158.50	146.62	157.35	274.66	119.57	64.94
MAXIMUM	77.50	52.80	23.27	36.86	30.26	183.19	410.00	256.07	453.75	694.88	224.48	158.81
MINIMUM	35.38	23.27	14.37	13.50	11.05	16.18	54.50	89.02	71.71	119.30	62.83	43.74

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 34183.46 93.60 694.88 11.05 \*\*\*\*\*

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1984

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	136.14	45.21	54.50	26.66	20.09	153.55	23.27	89.02	78.04	52.89	23.27	18.09
2	103.66	42.29	45.21	26.66	19.07	191.11	20.09	66.32	66.32	46.21	22.18	17.12
3	89.02	40.86	38.07	26.66	19.07	93.52	21.12	61.12	76.77	46.70	22.18	16.18
4	89.02	40.86	36.71	25.50	19.07	126.30	38.07	42.29	70.05	45.21	18.09	16.18
5	110.24	39.46	36.71	24.37	18.09	166.73	51.31	49.75	54.50	40.86	17.12	15.26
6	119.30	42.29	34.06	24.37	18.09	180.40	39.46	32.77	46.70	38.07	17.12	14.37
7	93.10	52.89	32.77	26.66	18.09	166.73	34.06	36.71	79.89	34.06	16.18	15.26
8	73.55	56.12	52.32	25.50	18.09	112.47	68.54	30.26	56.44	32.77	15.26	19.07
9	66.32	49.75	83.10	24.37	18.09	152.17	42.29	27.83	59.43	30.26	15.26	30.34
10	61.12	46.70	66.32	24.37	18.09	194.56	39.46	25.50	64.57	30.26	14.37	30.26
11	57.77	48.21	56.12	23.27	18.09	183.19	39.46	24.37	51.31	27.83	15.26	24.37
12	61.12	46.70	46.70	22.18	31.50	177.62	30.26	48.21	43.74	26.66	27.35	22.18
13	57.77	45.21	42.29	22.18	31.50	194.56	26.66	63.10	40.86	25.50	23.27	19.07
14	54.50	40.86	42.29	22.18	25.50	197.45	23.27	39.46	39.46	25.50	25.71	17.12
15	51.31	39.46	36.71	22.18	24.37	160.19	20.09	49.75	46.18	24.37	27.83	16.18
16	52.89	39.46	35.38	22.18	24.18	57.77	20.09	34.06	69.15	23.27	22.18	15.26
17	61.12	39.46	34.06	27.83	22.18	46.70	20.09	29.03	43.74	22.18	21.12	14.37
18	56.12	36.71	34.06	25.50	34.06	45.21	19.07	32.77	51.81	21.12	22.18	14.37
19	54.50	36.71	35.38	24.37	40.86	32.77	18.09	31.50	94.98	21.12	20.09	14.37
20	56.12	36.71	36.71	23.27	32.77	64.57	18.09	39.46	79.15	32.61	19.07	13.50
21	54.50	36.71	32.77	22.18	27.83	51.31	26.66	49.75	138.67	22.18	19.07	13.50
22	79.20	34.06	31.50	22.18	24.37	32.77	27.83	35.38	142.79	19.07	27.93	13.50
23	71.71	35.38	31.50	21.12	22.18	27.83	61.12	48.21	109.71	18.09	38.62	12.66
24	66.32	35.38	31.50	20.09	22.18	42.29	43.74	39.46	84.67	18.09	49.39	12.66
25	61.12	34.06	29.03	20.09	24.37	42.29	35.38	32.77	85.01	19.07	34.06	11.84
26	57.77	34.06	39.44	20.09	24.37	31.50	27.83	59.43	69.89	17.12	27.83	11.84
27	51.31	31.50	36.71	21.12	69.89	26.66	25.50	62.78	74.12	19.07	24.37	11.84
28	48.21	39.46	30.26	20.09	85.03	24.37	24.37	51.31	61.12	17.12	22.18	11.05
29	48.21	56.15	29.03	20.09	70.18	25.50	24.37	52.89	60.54	22.26	20.09	11.05
30	46.70	27.83	27.83	20.09	112.47	22.18	39.46	60.96	62.83	34.21	19.07	11.05
31	46.70	26.66	26.66	20.09	108.19	105.92	105.92	57.77	85.01	24.37	11.05	11.05
TOTAL	2136.44	1204.11	1825.70	697.45	1058.85	3024.27	1055.02	1403.99	2102.45	880.10	737.70	494.96
AVERAGE	68.92	41.52	59.54	25.25	34.16	100.81	34.03	45.29	70.08	28.39	24.37	15.97
MAXIMUM	136.14	56.15	83.10	27.83	112.47	197.45	105.92	69.02	142.79	52.89	88.62	30.34
MINIMUM	46.70	31.50	26.66	20.09	18.09	22.18	18.09	24.37	39.46	17.12	14.37	11.05

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 16021.04 \*\*\*\*\*  
 \*\*\*\*\* 43.77 \*\*\*\*\*  
 \*\*\*\*\* 197.45 \*\*\*\*\*  
 \*\*\*\*\* 11.05 \*\*\*\*\*



DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1985

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	10.28	9.54	16.26	43.74	44.72	49.93	80.63	77.89	73.55	88.83	101.50	72.74
2	10.28	9.54	39.46	45.63	44.93	44.77	88.80	85.35	82.56	90.41	88.53	95.37
3	10.28	9.54	36.71	38.77	47.60	53.45	93.59	79.61	74.64	79.59	71.34	100.79
4	18.25	8.82	42.38	34.06	40.86	67.07	91.57	66.32	66.05	79.20	82.49	105.30
5	35.43	6.82	31.76	32.77	34.06	66.45	85.03	69.46	73.55	55.03	83.66	84.45
6	27.83	8.13	41.69	31.50	40.79	70.03	83.06	68.07	73.55	75.41	87.93	71.13
7	21.12	8.82	43.53	34.06	45.62	68.62	70.94	66.54	79.20	81.19	81.19	66.96
8	18.09	8.13	40.75	38.16	47.25	50.84	79.24	78.36	67.63	69.38	85.32	72.17
9	17.12	8.13	28.86	42.28	45.19	49.68	87.92	80.30	67.58	80.15	86.39	78.57
10	16.18	7.47	36.71	45.43	47.54	62.27	88.72	84.25	68.10	88.45	74.35	96.62
11	14.37	7.47	41.37	43.42	41.33	62.81	92.77	60.83	69.89	94.72	89.91	105.01
12	13.50	7.47	42.45	39.46	38.07	63.13	109.13	83.06	69.89	77.71	69.89	107.16
13	13.50	9.54	42.72	38.30	45.83	71.70	108.39	85.57	73.55	72.00	90.24	108.34
14	12.66	11.05	33.32	43.74	50.07	78.72	87.02	93.10	71.71	92.38	66.32	110.14
15	12.66	11.84	32.10	40.86	60.98	51.79	102.51	93.10	57.32	104.13	102.82	90.60
16	11.84	12.56	32.77	39.21	49.75	38.67	100.44	88.16	54.88	103.46	95.52	93.41
17	11.05	10.28	31.55	44.87	52.95	69.30	91.18	93.71	73.64	102.94	81.38	97.11
18	11.05	9.54	28.32	59.02	46.74	82.04	96.02	97.26	69.89	94.62	83.60	94.59
19	10.28	20.07	39.76	56.69	39.46	77.08	114.92	96.28	69.89	79.42	99.63	100.50
20	10.28	10.92	43.39	56.12	82.62	82.69	77.86	91.89	77.97	75.62	100.16	95.05
21	10.28	8.13	41.96	54.50	54.58	82.99	62.68	93.10	77.16	71.83	103.28	84.63
22	11.84	8.13	39.00	59.43	57.72	63.79	81.00	89.02	71.65	86.67	108.93	69.38
23	18.09	7.47	42.29	55.81	61.03	58.59	97.13	89.02	103.32	99.65	85.80	91.80
24	17.12	6.83	42.29	61.12	57.79	62.31	103.27	89.02	106.42	92.49	67.68	98.60
25	14.37	6.83	44.73	57.77	56.18	61.56	93.88	93.06	101.69	93.67	73.83	77.32
26	12.66	6.83	49.02	62.40	43.90	69.24	97.82	93.45	89.30	80.42	94.76	77.78
27	12.66	6.21	45.96	51.34	48.27	70.54	93.65	93.45	96.78	73.28	104.74	93.42
28	11.84	6.21	44.77	44.76	57.43	70.28	87.62	93.70	87.90	88.73	108.38	102.62
29	11.84		42.80	58.26	57.91	60.21	103.08	90.05	87.02	95.51	107.77	92.93
30	10.28		41.37	59.43	57.06	55.94	107.40	84.41	100.64	94.90	96.98	91.34
31	9.54		38.07		54.53		89.90	74.38		110.63		81.24
TOTAL	446.57	254.32	1198.12	1412.91	1520.36	1916.49	2847.17	2618.77	2326.72	2669.29	2697.53	2807.07
AVERAGE	14.41	9.08	38.65	47.10	49.04	63.88	91.84	84.48	77.56	86.11	89.92	90.55
MAXIMUM	25.43	20.07	49.02	62.40	61.03	82.99	114.92	97.26	106.42	110.63	109.28	110.14
MINIMUM	9.54	6.21	16.26	31.50	34.06	38.67	62.68	60.83	54.88	55.03	66.32	66.96

\*\*\*\*\*  
 ANNUAL  
 \*\*\*\*\*  
 TOTAL AVERAGE MAXIMUM MINIMUM  
 \*\*\*\*\*  
 22715.32 62.23 114.92 6.21  
 \*\*\*\*\*

1986/ 1/18 ( MON ) 11:22:20

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1986

#DAY#	1	2	3	4	5	6	7	8	9	10	11	12
1	67.69	97.61	80.71		63.61	47.68	74.62	85.36	45.50	80.93	116.62	61.49
2	79.84	69.36	60.46		78.46	70.99	68.30	68.83	53.95	76.30	108.23	68.43
3	98.55	91.43	88.74		80.07	82.52	83.61	58.13	52.62	53.81	91.63	64.52
4	90.66	105.92	101.36		67.26	84.04	80.05	77.12	53.70	48.99	85.43	77.29
5	81.02	99.17	101.50		85.45	89.81	72.67	76.98	51.22	43.11	80.53	79.02
6	101.91	111.14	102.46		96.76	78.46	71.80	65.51	44.43	54.67	80.03	78.14
7	107.68	112.36	101.56		66.03	71.04	58.84	65.32	39.45	74.63	80.75	62.32
8	100.01	79.62	70.94		88.29	53.42	76.08	63.99	51.65	77.38	64.89	57.62
9	106.81	63.33	51.83		88.45	79.57	78.98	62.36	60.61	74.19	45.00	75.45
10	104.85	71.67	83.46		65.26	79.18	74.55	50.73	63.45	68.77	58.66	79.16
11	77.45	80.99	103.48		53.28	84.43	72.65	68.54	55.70	59.62	66.69	70.78
12	73.55	77.34	86.87		75.42	81.28	77.56	69.28	58.13	44.99	83.15	69.15
13	90.35	79.48	73.60		82.87	84.14	61.73	82.61	49.98	54.77	71.32	68.28
14	103.88	72.45	79.54		85.50	73.82	60.87	78.66	42.77	67.99	64.05	70.36
15	108.70	66.71	78.34		89.67	65.33	65.15	74.78	37.40	76.27	48.51	83.10
16	104.09	52.13	71.95		84.54	79.16	61.65	61.21	55.95	74.42	43.72	105.64
17	101.39	70.05	85.43		80.70	91.76	62.61	52.09	58.95	70.28	53.59	75.79
18	86.62	81.11	87.50		85.06	86.19	59.44	55.70	64.85	57.58	56.04	75.86
19	78.18	92.05	86.61		91.07	87.40	52.07	73.85	77.60	38.60	55.77	82.89
20	89.16	94.63	84.92		104.88	89.27	47.59	70.65	56.37	49.92	56.14	67.56
21	100.33	89.80	82.31		116.82	80.14	72.84	89.23	43.61	42.72	65.94	51.52
22	107.78	67.99	58.98		112.28	70.92	65.52	83.23	61.11	58.36	57.64	55.51
23	108.73	55.38	47.01		87.71	66.70	70.23	61.28	62.84	59.26	60.10	95.91
24	102.29	82.30	53.47		60.60	83.14	85.22	43.08	68.46	62.25	66.16	85.81
25	86.38	102.55	62.81		49.19	103.19	87.36	58.59	74.06	54.82	68.39	57.02
26	85.22	96.63	55.44		63.14	83.98	74.30	73.81	72.68	40.27	67.65	63.68
27	81.96	103.42	39.14		76.28	85.29	59.41	69.76	68.03	59.14	69.36	68.51
28	101.82	105.76	30.29		74.72	97.21	74.64	32.96	49.50	64.27	74.27	56.03
29	104.62		24.10		91.28	83.43	79.47	55.97	69.27	63.67	58.36	73.05
30	101.11		20.61		78.33	74.77	84.46	44.25	70.08	68.00	38.61	82.76
31	111.53		51.05		55.30		87.43	36.15		119.87		76.79
TOTAL	2946.16	2372.38	2206.47		2478.28	2388.26	2201.70	2000.09	1713.93	1961.85	2037.23	2239.44
AVERAGE	94.97	84.73	71.18		79.94	79.61	71.02	65.81	57.15	63.29	67.91	72.24
MAXIMUM	111.93	112.36	103.48		116.82	103.19	87.43	89.23	77.60	119.87	116.62	105.64
MINIMUM	67.69	52.13	20.61		49.19	47.68	47.59	36.15	37.40	38.60	38.61	51.52

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 24583.79 73.38 119.87 \*\*\*\*\*

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1987

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	53.70	50.36	61.70	68.28	69.49	102.41	90.66	162.96	127.47	322.66	80.94	110.14
2	53.04	68.33	92.22	76.61	71.11	123.73	98.69	152.14	105.44	697.57	92.29	112.44
3	55.35	77.65	115.92	80.05	53.11	120.38	106.39	131.15	133.48	412.17	92.25	117.32
4	46.93	87.27	117.13	114.37	96.33	124.18	96.03	157.72	142.26	248.27	89.05	110.60
5	62.41	99.52	102.51	117.57	130.41	105.74	94.62	143.74	163.59	445.34	85.79	101.93
6	58.31	101.61	80.56	76.94	123.43	80.28	81.44	149.99	129.06	168.98	86.25	96.37
7	49.83	93.94	66.81	91.65	128.59	71.96	115.17	166.75	178.05	141.61	76.36	102.31
8	56.10	75.26	59.35	84.37	132.85	98.90	133.39	181.35	165.77	136.09	52.97	105.75
9	90.09	60.79	72.00	81.46	157.96	101.22	127.56	203.82	180.45	128.93	83.68	95.82
10	72.24	64.65	85.97	82.44	93.90	99.14	133.71	171.40	192.43	129.42	102.76	108.33
11	56.31	73.13	88.24	62.65	70.99	101.62	140.11	169.67	176.40	102.27	90.59	105.72
12	57.34	71.26	91.48	50.85	77.57	96.66	153.21	175.54	166.89	107.13	84.14	103.01
13	50.68	70.54	91.40	73.81	66.51	86.49	149.51	166.03	150.63	123.68	99.40	91.21
14	52.10	64.97	74.34	76.75	71.27	78.71	160.29	173.12	158.09	130.88	74.42	110.32
15	53.17	50.50	72.77	71.07	88.87	98.26	149.02	171.71	144.67	132.56	57.37	119.36
16	58.91	79.85	86.09	59.97	69.77	113.46	139.28	166.66	166.07	131.10	75.21	110.41
17	54.32	106.66	109.17	46.34	71.71	108.97	136.36	153.26	164.60	121.12	86.51	95.63
18	42.97	110.62	97.95	45.78	59.72	105.65	152.93	156.54	169.81	121.80	94.49	96.59
19	59.62	113.45	111.74	45.27	115.06	115.25	132.96	157.28	162.74	96.47	96.85	84.19
20	72.53	96.01	100.70	80.28	119.83	89.61	97.90	154.65	135.68	91.49	95.40	71.56
21	68.05	77.36	83.52	93.59	133.93	80.40	138.64	157.15	148.53	77.79	92.83	80.56
22	69.13	62.52	76.43	92.93	100.59	104.73	130.70	149.77	153.09	82.51	100.85	85.15
23	67.15	78.76	95.23	97.84	88.04	118.63	124.97	140.86	171.17	74.90	103.05	85.41
24	65.78	91.57	101.24	90.75	74.93	115.84	132.95	116.90	174.41	64.71	99.49	84.33
25	58.96	92.75	95.96	78.60	89.26	115.53	146.10	144.61	169.80	51.70	91.99	63.01
26	59.77	93.38	98.52	61.15	98.59	118.20	130.79	146.76	165.71	83.74	96.54	62.77
27	66.82	92.33	113.99	93.81	102.29	96.68	121.91	147.56	164.90	99.43	89.49	62.74
28	76.61	77.86	99.75	129.53	100.61	86.79	144.58	135.14	163.85	92.63	72.65	79.58
29	60.32	69.84	69.84	121.39	83.65	99.88	145.68	131.02	179.97	88.91	73.56	88.34
30	59.36	87.22	87.22	152.07	88.23	106.44	129.68	113.36	177.66	111.60	94.41	101.80
31	55.72	78.07	78.07	72.52	72.52	159.90	159.90	94.41	105.29	105.29	52.97	62.74
TOTAL	1862.40	2282.90	2777.82	2467.87	2935.82	3062.74	3995.13	4743.02	4762.67	4893.75	2611.58	2983.61
AVERAGE	60.08	81.53	89.61	82.26	94.70	102.09	128.88	153.00	158.76	157.86	87.05	96.25
MAXIMUM	90.09	113.45	117.13	129.53	157.96	124.18	160.29	203.82	192.43	697.57	103.05	141.11
MINIMUM	42.97	50.36	59.35	45.27	53.11	71.96	81.44	94.41	105.44	51.70	52.97	62.74

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 39379.51 \*\*\*\*\*  
 \*\*\*\*\* 107.89 \*\*\*\*\*  
 \*\*\*\*\* 697.57 \*\*\*\*\*  
 \*\*\*\*\* 42.97 \*\*\*\*\*

DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1988

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	88.61	91.34	109.92	92.59	92.69	142.65	137.53	130.94	174.34	464.87	206.72	122.85
2	73.02	112.08	111.04	88.26	109.59	140.83	96.53	146.48	182.76	482.43	318.15	168.92
3	64.93	115.01	114.64	92.35	129.44	143.89	92.08	134.45	155.08	480.63	152.71	351.44
4	76.97	103.40	118.97	116.17	127.64	124.70	134.41	131.32	120.50	423.67	142.49	218.56
5	76.70	92.68	108.89	126.27	141.79	113.04	142.09	134.25	183.33	229.75	221.57	165.33
6	70.20	126.16	76.34	133.71	145.81	140.15	138.66	105.01	280.41	307.43	293.63	194.11
7	63.59	130.35	91.75	133.89	141.55	163.27	135.29	84.18	456.65	202.92	213.56	178.56
8	65.62	105.67	116.86	139.02	103.62	134.94	134.94	122.57	579.71	329.45	170.48	165.32
9	82.05	99.30	116.54	113.13	131.75	168.57	117.23	125.57	439.25	343.52	176.57	149.11
10	85.33	93.52	129.52	99.51	150.85	141.96	89.49	148.10	462.75	338.98	152.20	126.79
11	90.07	92.58	117.93	112.55	157.82	116.73	128.53	141.57	457.32	374.48	137.73	116.87
12	89.28	100.43	102.80	96.19	159.95	98.78	134.24	154.63	297.19	370.00	132.21	134.00
13	93.99	80.69	94.83	110.90	158.61	123.75	139.28	121.10	574.59	400.58	107.93	137.26
14	98.40	68.68	119.64	98.05	128.31	135.54	146.95	100.92	589.70	350.70	137.10	139.43
15	92.14	95.23	117.53	97.79	144.01	133.93	155.56	136.87	425.39	425.39	138.13	147.14
16	83.59	111.59	110.58	74.39	128.23	142.22	166.51	142.31	558.40	497.92	134.10	143.93
17	86.84	114.78	118.75	93.29	140.19	147.14	118.95	143.99	413.81	418.12	136.29	150.24
18	90.27	115.29	117.77	121.48	142.96	122.73	166.73	147.29	370.48	297.35	140.94	259.41
19	100.50	113.26	101.27	129.99	146.42	120.19	177.45	133.95	368.38	380.32	118.19	270.77
20	107.22	110.20	84.18	134.43	147.49	132.71	207.19	112.93	190.59	470.19	91.80	192.31
21	107.95	97.38	106.54	133.62	131.07	168.68	194.68	88.22	208.92	308.19	123.01	174.17
22	73.92	122.81	110.66	135.98	111.82	172.42	189.78	119.54	374.07	382.52	126.80	157.46
23	64.30	119.12	111.65	122.36	126.52	170.40	167.05	144.04	327.44	272.59	115.92	159.05
24	53.61	108.36	108.49	102.13	140.20	157.37	141.71	131.34	374.41	323.89	116.77	142.03
25	83.06	104.91	108.52	130.13	139.39	133.20	150.36	135.20	384.89	220.04	116.65	118.77
26	104.98	100.46	111.64	135.69	146.00	114.03	150.26	202.90	406.35	230.96	104.04	125.71
27	103.42	90.05	90.47	142.57	147.28	123.31	147.79	138.12	408.64	215.15	88.58	144.55
28	116.70	73.76	98.25	142.43	120.82	135.51	181.76	121.00	509.58	207.22	112.38	137.51
29	110.56		95.41	146.96	90.50	131.80	157.39	141.62	421.17	185.28	120.12	136.63
30	103.48		105.33	125.16	130.18	152.62	142.05	134.58	453.04	200.03	120.13	136.64
31	69.79		105.63	134.38	134.38	118.91	168.48	168.48	254.73	254.73	114.51	114.51
TOTAL	2671.09	2887.09	3332.34	3500.99	4154.88	4182.55	4501.58	4193.47	11252.68	10389.10	4466.90	5079.38
AVERAGE	86.16	103.11	107.49	116.70	134.03	139.42	145.21	135.27	375.09	335.13	148.90	163.85
MAXIMUM	116.70	130.35	129.52	146.96	159.95	172.42	207.19	202.90	589.70	497.92	318.15	351.44
MINIMUM	53.61	66.68	76.34	74.39	90.50	98.78	89.49	84.18	120.59	185.28	86.58	114.51

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*



DAILY RIVER RUNOFF AT LAGUNETAS GAUGING STATION

YEAR : 1990

DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	80.97	134.50	155.25	164.52								
2	123.13	131.59	136.98	217.80								
3	139.07	105.47	122.03	206.37								
4	140.73	79.54	105.04	207.94								
5	145.36	118.18	137.10	183.48								
6	142.57	127.67	149.67	161.52								
7	113.09	147.10	155.16	139.78								
8	140.55	160.49	156.14	114.92								
9	152.12	148.72	155.64	140.62								
10	149.29	116.56	138.26	145.36								
11	137.50	92.58	113.59	135.42								
12	147.97	127.31	149.17	111.23								
13	130.38	131.11	175.15	92.32								
14	110.22	135.19	174.84	97.12								
15	132.01	137.99	171.26	104.22								
16	135.87	144.94	154.90	138.69								
17	140.43	130.34	107.06	150.93								
18	145.52	112.19	87.28	156.62								
19	147.59	141.29	117.87	152.07								
20	141.64	145.64	140.99	151.30								
21	127.69	145.31	145.33	134.37								
22	143.91	150.47	163.42	119.22								
23	142.03	154.12	148.16	150.08								
24	144.28	120.91	126.45	164.84								
25	145.93	179.89	107.64	155.39								
26	122.14	122.57	158.63	158.17								
27	95.47	147.14	181.80									
28	70.16	163.67	174.15	118.69								
29	110.56		155.98	111.55								
30	132.05		161.48	148.59								
31	132.46		198.15									
TOTAL	4060.69	3632.48	4524.57	4233.15								
AVERAGE	130.99	129.73	145.95	145.97								
MAXIMUM	152.12	163.67	198.15	217.80								
MINIMUM	70.16	79.54	87.28	92.32								

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 16450.89 138.24 217.80 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1971

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1				23.00			13.00	77.60	282.00	47.00	42.80	23.60
2				33.60			12.30	60.00	151.00	36.30	42.80	23.00
3				21.10			11.60	104.00	109.00	34.10	50.50	23.00
4				16.60			12.20	75.20	102.00	45.30	52.00	23.60
5				14.70			10.90	44.10	127.00	39.30	92.00	22.30
6				13.80			10.90	33.50	401.00	95.80	65.50	22.30
7				13.00			11.20	30.50	222.00	239.00	49.60	21.10
8				11.60			10.90	25.60	169.00	104.00	46.10	20.50
9				11.60			63.90	24.20	98.40	97.50	41.20	19.90
10				10.90			14.20	21.70	80.40	62.40	37.80	19.90
11				12.40			13.00	19.20	74.10	78.70	37.80	19.20
12				13.00			16.20	18.60	58.60	222.00	37.80	19.20
13				11.90			18.00	16.60	37.10	103.00	35.40	18.60
14				13.40			24.80	15.70	40.40	139.00	34.50	18.00
15				27.20			30.80	15.20	34.60	103.00	32.00	18.00
16				36.20			55.00	14.20	27.90	97.90	30.50	17.10
17				22.10			46.80	17.70	28.60	77.80	29.10	17.50
18				102.00			28.60	40.20	55.80	293.00	27.70	18.00
19				44.50			24.90	63.10	44.70	462.00	27.00	17.10
20				20.20			19.90	27.60	45.80	340.00	27.00	17.10
21				13.80			17.50	23.00	60.20	440.00	29.10	17.10
22				13.00			16.10	36.10	57.70	322.00	35.40	17.10
23				11.60			14.70	45.20	59.80	167.00	38.70	20.50
24				10.50			13.30	17.40	163.00	109.00	39.50	23.00
25				10.20			12.60	56.40	163.00	178.00	37.80	21.10
26				9.80			12.30	73.50	83.40	123.00	36.20	19.20
27				9.80			11.60	36.70	57.00	55.30	34.50	19.20
28				29.00			11.20	240.00	45.20	51.30	29.80	19.90
29				27.20			11.20	171.00	39.60	45.30	26.30	23.00
30				36.40			23.50	228.00	37.90	45.20	24.90	20.50
31				44.80			56.20	330.00	37.90	37.90	18.00	18.00
TOTAL				404.90			712.00	2031.80	2956.20	4291.10	1171.30	617.60
AVERAGE				26.99			22.97	65.54	98.54	138.42	39.04	19.92
MAXIMUM				102.00			63.90	330.00	401.00	462.00	92.00	23.60
MINIMUM				9.80			10.90	14.20	27.90	34.10	24.90	17.10

ANNUAL

TOTAL	12728.20
AVERAGE	55.58
MAXIMUM	462.00
MINIMUM	18.00

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1972

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	17.10	11.20	10.50	8.19	7.07	25.80	10.80	25.20	135.00	44.80	26.40	
2	16.60	11.60	10.20	9.72	7.43	25.20	10.80	21.20	125.00	68.00	25.80	
3	16.60	11.60	9.80	14.10	9.19	17.30	11.10	18.30	130.00	45.80	25.20	
4	18.00	11.20	9.80	9.34	7.79	14.70	10.80	15.70	449.00	46.20	24.00	
5	17.50	10.90	9.80	8.65	26.00	13.10	10.80	14.10	287.00	49.80	23.40	
6	18.60	11.60	9.57	8.65	71.60	12.30	10.80	14.10	309.00	39.60	22.30	
7	17.50	11.60	9.34	8.42	21.80	218.00	9.97	12.70	170.00	38.60	21.70	
8	17.10	11.20	9.34	8.42	12.70	124.00	9.97	15.80	98.80	64.00	22.30	
9	16.60	10.90	9.34	8.19	12.30	82.10	10.40	15.80	86.70	41.10	21.70	
10	16.10	10.50	9.34	8.42	9.58	73.40	11.50	23.80	81.70	55.90	21.70	
11	15.70	11.20	9.34	8.19	14.00	37.50	10.40	57.80	77.70	74.10	21.70	
12	15.20	11.20	9.57	8.65	11.70	27.50	9.97	32.60	74.70	59.10	21.20	
13	15.70	10.90	9.57	8.65	15.90	29.50	11.10	65.70	166.00	56.10	20.60	
14	15.20	11.20	9.34	8.19	10.70	21.70	10.80	30.70	322.00	43.80	20.00	
15	14.70	10.90	9.34	7.96	8.87	47.00	11.10	62.90		41.40	19.40	
16	14.20	10.90	9.34	7.96	9.70	27.00	9.97	35.90		38.20	18.30	
17	14.20	10.50	9.11	7.96	35.30	20.60	9.97	90.80		51.00	17.80	
18	13.30	10.50	8.88	23.20	20.00	17.30	10.80	53.30		47.00	17.80	
19	13.00	10.90	8.88	52.20	18.90	16.20	12.30	57.40		43.80	17.80	
20	13.30	11.90	8.88	24.20	21.40	23.40	11.10	33.10		43.00	20.00	
21	13.00	12.30	8.88	12.20	13.60	17.30	10.80	25.10		45.30	21.70	
22	12.60	11.60	9.11	9.80	10.40	17.80	22.30	32.40		44.60	21.70	
23	12.60	10.90	9.34	9.11	9.19	14.70	25.60	29.80		42.20	20.60	
24	12.60	10.90	9.11	8.88	8.87	12.70	20.60	23.40		40.60	19.40	
25	11.90	10.90	8.65	8.65	21.60	14.10	21.70	21.70		36.30	18.30	
26	11.90	10.90	8.65	8.65	21.50	13.60	33.10	19.40		29.90	17.30	
27	12.60	10.50	8.65	8.42	69.10	12.30	24.60	24.60		61.00	16.70	
28	12.60	10.50	8.65	8.42	50.00	11.50	29.90	19.40		56.00	16.20	
29	12.30	10.50	8.42	8.19	165.00	11.10	22.90	28.40		51.60	15.70	
30	11.90	10.50	8.42	8.19	42.00	11.10	21.20	21.70		47.10	15.20	
31	11.60	11.60	8.42	8.42	29.30		17.60	18.30		45.30	15.20	
TOTAL	451.80	321.40	285.58	339.77	792.49	1009.80	464.95	960.50		2773.60	1315.10	627.10
AVERAGE	14.57	11.08	9.21	11.33	25.156	33.66	15.00	30.98		145.98	45.35	20.23
MINIMUM	18.60	12.30	10.50	52.20	165.00	218.00	33.10	90.80		449.00	74.10	26.40
MINIMUM	11.60	10.50	8.42	7.96	7.07	11.10	9.97	12.70		45.30	28.10	15.20

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 9342.09 28.92 449.00 \*\*\*\*\*



DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1973

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	15.20	16.70	11.90	15.70	53.90	19.40	44.60	92.20	65.90	17.30		
2	15.20	17.80	10.00	11.50	35.50	68.90	77.80	49.60	17.30			
3	14.70	18.90	9.60	10.40	38.20	17.30	57.00	61.50	40.60	17.30		
4	14.70	18.30	8.90	9.90	27.00	16.70	65.00	38.20	37.10	17.30		
5	14.70	17.80	8.50	9.60	23.40	15.70	39.80	92.00	35.50	16.70		
6	14.10	17.30	8.20	38.50	21.20	16.20	33.10	155.00	33.90	16.20		
7	14.10	16.70	8.20	16.20	19.40	29.30	249.00	37.40	15.70			
8	14.10	16.20	8.20	12.70	18.30	15.20	25.80	189.00	37.10	16.20		
9	13.60	15.70	7.80	10.40	17.30	14.10	25.20	74.60	34.70	20.00		
10	14.70	15.20	7.80	12.50	16.20	13.10	22.90	65.40	32.30	17.30		
11	14.70	14.70	7.80	11.10	36.10	35.40	21.70	47.10	29.30	16.70		
12	14.70	13.60	7.80	23.40	83.40	21.20	33.90	43.00	27.50	16.20		
13	14.70	13.10	7.80	17.80	95.70	17.80	27.50	38.20	25.80	15.70		
14	14.10	12.30	8.20	12.30	31.20	16.20	23.40	79.40	32.30	14.70		
15	13.60	11.90	13.10	11.50	22.90	16.20	19.40	53.40	120.00	14.70		
16	13.60	11.50	21.90	11.50	32.30	14.10	20.60	76.00	46.60	14.10		
17	14.10	11.50	14.20	31.90	21.20	14.10	38.30	53.80	34.70	13.10		
18	14.70	11.50	11.70	63.20	18.90	17.30	25.20	39.00	29.90	12.70		
19	14.10	11.10	17.90	27.70	177.00	55.00	143.00	33.90	26.40	12.70		
20	14.10	11.10	26.50	19.40	35.10	27.70	136.00	29.90	23.40	12.30		
21	14.70	11.10	29.20	34.00	26.40	17.30	210.00	27.50	23.40	12.30		
22	14.10	11.10	75.70	37.00	27.90	61.00	103.00	31.10	29.90	12.30		
23	13.60	10.80	12.50	21.70	64.40	57.40	68.10	68.10	29.90	11.90		
24	13.60	10.80	44.70	17.30	50.70	37.10	61.40	57.60	29.90	11.90		
25	13.10	10.80	49.40	14.70	73.60	70.40	33.90	41.40	21.70	11.50		
26	13.10	10.80	22.50	31.80	44.60	39.60	42.20	91.30	20.60	11.10		
27	13.10	10.80	15.20	66.60	33.10	29.30	26.40	68.40	18.90	10.80		
28	12.70	10.40	13.10	71.60	28.70	32.30	29.90	54.40	18.30	10.80		
29	12.70		18.60	47.10	24.60	92.70	52.30	278.00	17.80	10.80		
30	12.30		25.60	27.10	24.60	61.00	29.90	181.00	17.80	10.40		
31	13.10		19.40	21.70	58.00			72.90		10.40		
TOTAL	433.60	379.50	551.90	746.10	1244.50	999.60	1547.00	2499.90	1028.20	438.40		
AVERAGE	13.99	13.55	17.80	24.87	40.15	30.95	51.57	80.64	34.87	14.14		
MAXIMUM	15.20	18.90	75.70	71.60	177.00	92.70	210.00	278.00	120.00	20.00		
MINIMUM	12.30	10.40	7.80	9.60	16.20	13.10	19.40	27.50	17.80	10.40		

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 9028.70 \*\*\*\*\* 32.33 \*\*\*\*\* 278.00 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1974

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	9.97	7.79	7.43	5.63	11.20	11.20	123.00	66.90	35.80	90.30	170.00	26.90
2	9.97	7.43	5.99	5.63	11.20	12.10	69.90	29.70	26.90	74.20	99.90	49.40
3	9.97	7.43	5.99	5.63	11.20	35.90	52.80	23.90	23.40	207.00	76.70	39.70
4	11.10	7.43	5.99	5.63	11.20	27.00	36.50	21.40	25.60	589.00	64.70	33.30
5	11.50	7.07	6.35	5.63	11.20	16.10	27.80	23.40	26.10	233.00	57.20	29.60
6	11.90	7.07	6.71	5.63	11.20	13.30	24.30	23.80	29.20	134.00	51.90	27.80
7	11.50	7.07	5.99	5.63	27.60	11.90	21.90	35.50	46.40	100.00	47.00	26.70
8	11.10	7.07	5.63	5.63	16.90	11.20	20.50	23.90	76.90	77.70	43.10	25.60
9	10.80	6.71	5.63	5.63	11.90	11.20	20.90	20.50	36.00	65.30	41.60	24.00
10	10.40	7.43	5.63	5.63	14.10	11.20	33.80	19.10	26.70	57.20	40.10	25.00
11	9.97	9.19	5.63	5.63	12.30	11.20	36.10	20.00	24.50	52.80	38.70	24.00
12	9.58	8.51	5.63	5.63	11.20	11.20	26.40	30.90	31.90	57.00	36.00	22.90
13	9.97	7.79	5.63	5.63	11.20	11.20	26.70	60.00	34.40	132.00	37.30	23.40
14	10.80	7.43	9.97	5.63	17.90	11.20	26.70	27.70	27.60	152.00	36.30	24.00
15	9.97	7.07	11.90	5.63	13.80	15.50	26.70	34.90	30.90	101.00	33.30	22.90
16	9.58	6.91	10.80	5.63	17.00	69.80	27.90	24.00	83.60	127.00	31.40	21.90
17	9.58	6.71	7.43	5.63	58.30	66.60	22.40	24.50	47.80	295.00	34.30	20.90
18	10.40	6.35	6.35	5.63	23.20	53.60	20.50	25.60	94.40	136.00	47.50	20.00
19	10.40	6.35	6.35	5.63	23.00	29.10	34.10	33.50	33.50	112.00	57.70	20.00
20	9.19	6.35	5.99	5.63	38.20	24.00	70.30	27.40	416.00	82.50	70.30	20.00
21	8.87	5.99	5.63	5.63	38.30	30.50	100.00	22.40	240.00	68.60	88.60	20.00
22	8.87	5.99	5.63	5.63	49.70	39.80	112.00	21.40	135.00	63.70	60.20	19.50
23	8.51	5.99	5.63	5.63	35.20	26.40	111.00	40.00	107.00	82.60	44.50	20.50
24	8.51	5.63	5.63	5.63	39.90	20.50	54.90	30.70	119.00	164.00	43.90	20.00
25	8.15	5.63	5.63	5.63	24.70	17.30	32.00	28.70	98.80	155.00	36.60	22.40
26	8.15	5.63	5.63	5.63	17.20	29.50	30.80	37.80	105.00	95.00	34.60	20.50
27	8.15	7.43	5.63	5.63	14.10	124.00	27.20	63.40	76.60	76.00	33.30	19.50
28	8.15	9.19	5.63	5.63	13.00	65.30	26.10	85.10	63.40	84.50	31.40	20.00
29	8.51	5.63	5.63	5.63	12.30	97.60	43.40	42.30	57.20	88.10	29.60	20.00
30	8.15	5.63	5.63	5.63	11.60	80.40	28.40	31.50	59.30	138.00	28.40	19.10
31	8.15	5.63	5.63	5.63	11.20	42.30	42.30	44.50	168.00	168.00	17.70	17.70
TOTAL	299.82	196.64	198.95	168.90	631.00	995.90	1357.30	1024.40	2205.40	4058.50	1546.20	747.20
AVERAGE	9.67	7.02	6.42	5.63	20.35	33.20	43.78	33.05	76.05	130.92	51.54	24.10
MAXIMUM	11.90	9.19	11.90	5.63	58.30	124.00	183.00	85.10	416.00	589.00	170.00	49.40
MINIMUM	8.15	5.63	5.63	5.63	11.20	11.20	20.50	19.10	23.40	52.80	28.40	17.70

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1975

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	17.70	21.90	11.20	7.72	6.49	9.46	27.10	12.00	77.00	164.00		40.10
2	17.30	19.50	11.20	7.46	6.49	8.87	19.00	18.10	26.10	109.00		37.20
3	17.30	17.70	11.60	7.46	6.49	13.30	23.00	16.50	20.00	87.70		35.80
4	17.70	16.90	11.20	7.46	6.49	12.30	15.30	18.30	11.50	81.20	88.70	34.50
5	18.60	16.40	11.20	7.46	6.26	9.15	13.90	11.40	86.20	91.90	92.30	33.20
6	17.70	15.60	11.20	7.46	6.26	8.53	21.70	11.40	175.00	84.70	66.80	32.00
7	18.20	14.80	11.20	7.46	6.26	10.00	28.90	11.40	22.00	75.60	45.00	32.00
8	18.60	14.40	11.20	7.21	6.26	19.60	24.10	11.40	26.90	74.40	42.10	32.00
9	17.30	14.10	11.20	7.21	6.26	13.30	17.10	11.40	31.70	10.30	27.10	31.40
10	16.40	14.10	11.20	7.21	6.26	9.46	12.50	11.70	19.10	96.00	25.90	29.60
11	16.00	13.70	11.20	6.96	6.02	8.58	11.40	13.40	13.40	184.00	17.50	28.40
12	15.60	13.30	11.20	6.96	6.02	8.03	11.40	11.70	14.90	117.00	13.10	27.80
13	15.20	13.00	11.20	6.96	6.02	7.49	11.40	11.40	12.50	162.00	13.60	27.30
14	15.20	12.60	11.20	6.72	6.02	7.49	11.40	11.40	77.70	21.60	12.90	26.20
15	16.00	12.60	11.20	6.72	13.70	7.49	11.40	11.40	56.50	137.00	97.70	25.70
16	14.80	12.30	11.20	6.72	44.70	7.24	13.50	14.90	47.20	94.60	86.50	25.10
17	14.80	11.90	11.20	6.72	26.70	6.98	12.00	29.40	52.60	89.70	79.10	24.60
18	14.40	11.90	11.20	6.72	16.20	6.73	11.40	33.40	63.40	26.30	72.10	25.70
19	14.40	11.60	11.20	6.72	10.10	6.49	11.40	20.40	80.50	45.20	67.80	24.10
20	14.40	11.60	11.20	6.72	8.03	7.08	11.40	15.40	91.10	32.60	63.60	23.60
21	15.20	11.20	11.20	6.49	6.98	17.00	11.40	22.40	123.00	164.00	60.60	24.10
22	18.90	11.20	11.20	6.49	6.73	10.20	13.30	25.80	21.60	111.00	77.70	25.10
23	18.60	11.20	11.20	6.49	6.73	8.58	13.00	21.20	31.70	92.00	77.90	23.10
24	16.40	11.20	11.20	6.49	7.24	8.30	16.90	25.70	44.80	78.50	68.80	22.20
25	16.40	11.90	11.20	6.25	8.30	7.49	13.10	19.40	30.80	98.30	59.70	21.70
26	15.60	12.60	11.20	6.25	10.90	6.73	11.40	15.40	15.70	160.00	52.10	21.20
27	15.60	11.90	11.20	6.05	17.20	6.98	11.40	13.10	10.70	166.00	47.00	20.80
28	18.00	11.20	11.20	6.25	57.60	7.86	11.70	15.20	81.40	107.00	46.20	19.90
29	26.10			6.25	31.50	20.10	11.40	26.70	68.20	115.00	45.40	19.40
30	27.80			6.25	17.40	18.70	11.40	18.80	101.00	139.00	43.10	19.00
31	25.00			11.00	11.00	11.00	11.40	25.80				19.00
TOTAL	541.20	382.30	347.60	205.29	388.61	299.56	455.70	522.60	1533.60	3095.60	1490.30	831.80
AVERAGE	17.46	13.65	11.21	6.64	12.54	9.99	14.70	16.86	51.12	100.19	55.20	26.83
MAXIMUM	27.80	21.90	11.60	7.72	57.60	20.10	28.90	29.40	175.00	184.00	97.70	40.10
MINIMUM	14.40	11.20	11.20	6.05	6.02	6.49	11.40	11.40	10.70	10.30	12.90	19.00

ANNUAL

TOTAL	10004.16	27.71	184.00	6.02
MAXIMUM				6.02
MINIMUM				19.00

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1976

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	19.00	16.60	15.10	15.10	9.35	9.35	113.00	38.20	55.10	31.50	32.60	23.50
2	18.20	15.10	15.10	15.10	9.08	9.08	101.00	36.30	40.00	34.30	33.30	23.60
3	17.80	15.10	15.10	15.10	9.08	9.90	109.00	70.50	54.30	35.20	31.30	26.00
4	17.80	15.10	15.10	15.10	8.85	10.60	82.20	57.60	44.60	39.30	28.60	47.10
5	17.40	15.10	15.10	15.10	8.83	76.00	72.00	55.40	36.10	41.80	27.30	40.00
6	17.40	15.10	15.10	15.10	9.35	73.20	95.40	35.70	50.00	38.20	27.30	30.60
7	17.40	15.10	15.10	15.10	8.63	93.70	127.00	33.90	35.50	117.00	37.80	27.30
8	17.00	15.10	15.10	15.10	8.40	210.00	97.60	34.30	30.70	44.00	68.70	27.30
9	17.00	15.10	15.10	15.10	8.18	194.00	92.20	56.60	27.80	112.00	54.90	28.60
10	17.00	15.10	15.10	15.10	7.95	440.00	73.40	47.40	26.70	71.70	41.00	30.60
11	17.00	15.10	15.10	15.10	7.74	568.00	59.60	31.90	27.30	129.00	34.00	29.30
12	17.80	15.10	15.10	15.10	7.74	192.00	52.10	40.30	27.80	72.20	31.30	29.30
13	17.80	15.10	15.10	15.10	7.74	127.00	49.50	70.00	25.70	57.80	30.60	28.60
14	17.40	15.10	15.10	15.10	8.55	75.50	47.90	45.30	26.60	47.90	30.60	28.00
15	17.40	15.10	15.10	15.10	15.50	47.80	49.50	33.00	45.60	44.60	29.30	27.30
16	17.00	15.10	15.10	15.10	19.60	36.50	41.50	29.00	27.80	50.20	29.90	26.70
17	16.20	15.10	15.10	15.10	10.40	54.60	37.20	28.40	32.00	94.70	26.00	27.30
18	16.60	15.10	15.10	15.10	11.30	200.00	34.50	26.70	30.70	184.00	24.80	29.30
19	16.60	15.10	15.10	15.10	15.60	330.00	33.20	24.60	37.90	149.00	24.80	27.30
20	17.00	15.10	15.10	15.10	11.30	673.00	40.60	23.10	25.40	118.00	24.20	24.80
21	18.70	15.10	15.10	15.10	9.90	415.00	37.90	22.20	22.60	120.00	23.60	24.20
22	29.40	15.10	15.10	15.10	19.90	470.00	32.60	22.20	21.70	58.60	23.60	23.60
23	28.10	15.10	15.10	15.10	17.50	207.00	32.60	21.20	20.80	104.00	23.60	23.00
24	22.30	15.10	15.10	15.10	13.70	225.00	42.10	49.90	21.20	79.60	23.60	22.40
25	19.00	15.10	15.10	16.10	29.00	454.00	37.90	40.00	27.20	65.60	24.80	21.20
26	17.40	15.10	15.10	18.70	19.10	957.00	49.50	37.90	43.40	56.50	23.60	21.20
27	16.60	15.10	15.10	33.20	12.50	316.00	34.20	42.60	86.60	49.90	22.40	20.60
28	16.20	15.10	15.10	32.10	10.70	356.00	31.40	30.80	63.70	45.90	21.20	20.00
29	16.60	15.10	15.10	22.30	9.90	236.00	41.20	32.60	42.90	41.30	20.00	20.00
30	17.40	15.10	15.10	15.80	11.80	147.00	30.50	86.00	27.30	37.60	24.70	19.50
31	17.40	15.10	15.10	15.10	9.90	28.20	28.20	86.60	34.00	34.00	18.40	18.40
TOTAL	565.90	439.40	468.10	500.60	366.89	7214.23	1806.70	1290.20	1085.00	2205.40	899.40	816.60
AVERAGE	18.25	15.15	15.10	16.89	11.84	240.47	58.28	41.62	36.17	71.14	29.98	26.34
MAXIMUM	29.40	16.60	15.10	33.20	29.00	957.00	127.00	86.60	86.60	184.00	68.70	47.10
MINIMUM	16.20	15.10	15.10	15.10	7.74	9.08	28.20	21.20	20.80	31.50	20.00	18.40

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 17658.42 48.25 957.00 7.74 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1977

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	17.80	11.80	8.74	6.42	33.38	328.98	40.49	61.96	24.46	47.97	33.18	23.53
2	17.80	11.30	8.74	6.42	24.07	186.29	36.54	204.15	22.93	29.99	29.99	22.04
3	17.30	11.30	10.00	6.42	86.01	84.91	40.11	74.82	85.55	39.82	65.87	21.75
4	17.30	11.30	10.00	6.42	34.28	61.59	44.06	50.86	38.66	42.63	58.25	20.33
5	16.80	11.30	8.74	6.42	41.09	593.45	75.58	42.95	26.66	55.76	89.37	19.50
6	16.80	11.30	8.74	6.42	27.87	401.46	52.26	41.30	23.84	47.30	48.17	18.96
7	16.20	10.90	8.34	6.42	26.47	166.25	39.83	42.54	22.93	37.13	39.68	17.90
8	16.20	10.90	8.34	6.79	24.25	97.02	45.46	38.88	22.64	31.74	32.82	17.65
9	16.20	10.90	8.34	6.79	69.82	82.48	36.54	35.79	63.57	29.31	26.01	17.39
10	15.70	10.90	8.34	7.16	25.43	145.96	33.91	31.39	26.49	27.96	26.01	16.88
11	15.70	10.90	8.34	7.16	26.44	71.21	36.69	34.34	22.93	27.96	24.14	16.38
12	15.20	10.40	7.94	7.16	25.79	49.94	30.69	37.78	24.14	75.68	31.63	16.38
13	14.70	10.40	7.94	6.79	35.08	41.71	28.97	31.16	41.22	33.26	28.63	19.50
14	14.70	10.40	7.55	6.79	23.42	35.78	27.31	27.65	28.99	27.63	27.31	19.23
15	14.20	10.00	7.55	6.79	19.98	70.82	33.35	28.30	27.63	31.05	25.06	16.63
16	14.20	10.00	7.55	6.79	18.36	145.23	49.16	36.24	25.70	27.31	23.83	16.38
17	13.70	10.00	7.16	7.94	21.04	65.72	35.79	54.19	26.57	34.14	22.34	16.13
18	13.70	10.00	7.16	8.34	28.25	54.59	50.35	54.91	27.96	23.23	22.63	15.64
19	13.70	10.40	7.16	10.40	21.04	62.62	27.76	39.30	54.46	22.34	60.14	23.29
20	13.70	9.58	7.16	7.94	19.35	59.71	27.63	31.04	67.86	22.93	59.54	19.29
21	13.70	9.58	7.16	7.94	21.98	77.25	26.01	27.96	35.93	41.21	33.54	16.63
22	13.70	9.58	7.16	12.00	18.66	80.84	48.61	27.63	28.30	27.81	33.07	72.27
23	13.70	9.58	7.16	9.72	19.02	58.81	51.21	26.01	25.38	57.93	33.56	33.81
24	13.20	9.58	7.16	29.00	19.68	49.49	34.79	68.14	26.01	26.78	61.06	25.38
25	13.20	9.16	4.79	13.10	32.63	51.28	31.74	51.20	80.14	33.55	35.03	22.34
26	12.70	9.16	6.79	7.55	29.63	40.22	28.30	40.82	54.12	23.53	32.85	19.51
27	12.70	8.74	6.79	7.16	53.99	83.97	59.66	32.10	94.58	46.40	28.19	17.90
28	12.70	8.74	6.79	7.47	156.40	77.99	36.96	28.97	180.93	140.05	24.75	18.17
29	12.30		6.42	18.90	78.77	49.46	29.44	27.63	101.85	43.64	23.23	18.17
30	12.30		6.42	31.00	114.30	49.52	43.45	26.01	71.01	51.16	22.93	17.39
31	11.80		6.42		69.59		67.57	25.69		35.29		16.88
TOTAL	453.60	288.10	236.89	285.62	1246.07	3426.55	1230.22	1401.71	1403.64	1212.50	1098.81	653.83
AVERAGE	14.63	10.29	7.64	9.52	40.20	114.15	39.68	45.22	46.78	40.42	36.63	21.09
MAXIMUM	17.80	11.60	10.00	31.00	156.40	593.45	75.58	204.15	180.93	140.05	89.37	72.27
MINIMUM	11.80	8.74	4.79	6.42	18.36	35.78	26.01	25.69	22.64	22.34	22.34	15.64

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 12935.34 35.54 593.45 4.79 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1978

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	16.13	17.91	9.84	8.92	6.39	157.40	56.67	26.34	42.10	81.41	30.97	21.86
2	15.16	16.38	8.74	8.74	5.70	55.33	231.20	24.36	171.50	56.49	110.60	20.67
3	14.92	15.40	9.47	8.39	5.44	30.96	62.01	23.72	325.70	71.78	53.30	20.10
4	14.93	16.38	9.10	8.39	5.19	37.91	47.74	85.38	128.00	88.82	38.16	19.53
5	17.12	15.64	9.10	8.05	4.94	34.10	32.87	84.96	155.70	81.72	32.87	18.97
6	16.38	17.13	11.42	8.22	4.94	34.27	31.35	49.08	191.80	56.48	29.14	18.42
7	16.13	15.64	12.03	8.05	4.94	229.70	28.78	105.40	142.70	48.23	28.07	18.42
8	15.89	14.69	10.80	8.05	4.70	73.46	25.67	53.42	116.40	41.21	26.68	18.42
9	15.40	13.77	9.84	7.72	4.70	30.60	25.01	41.95	74.81	36.49	25.01	21.86
10	14.93	13.10	9.84	7.72	4.70	27.03	30.60	33.64	66.57	30.60	24.69	20.10
11	14.93	12.66	9.84	7.39	4.70	24.69	47.25	28.07	47.73	51.45	23.72	40.69
12	14.46	12.67	9.47	7.39	4.70	23.10	46.54	25.67	41.65	59.84	22.79	50.61
13	13.99	12.24	9.10	7.07	4.70	22.79	39.46	24.04	38.58	31.35	22.47	64.02
14	13.55	11.82	9.10	7.07	4.70	115.10	89.91	29.50	36.48	23.10	22.47	61.03
15	13.55	11.82	8.74	7.72	8.07	228.40	48.00	54.95	33.62	22.47	22.47	48.23
16	13.10	11.41	9.10	7.72	9.33	104.60	82.24	39.89	31.34	89.34	22.47	32.10
17	13.10	11.41	9.47	8.05	5.57	54.71	90.74	47.42	30.23	149.20	22.17	29.14
18	13.10	11.00	8.92	7.55	5.44	36.49	105.30	73.74	29.13	105.90	21.56	25.67
19	13.10	11.00	8.74	7.07	5.19	31.35	92.70	34.42	32.87	78.73	20.67	24.36
20	12.67	10.61	8.74	9.28	76.00	62.65	71.02	28.78	39.02	65.54	20.10	23.10
21	13.99	10.61	11.02	8.05	15.21	34.03	54.34	25.01	49.79	48.72	20.10	21.56
22	13.99	10.61	11.00	39.60	11.23	45.74	57.02	100.90	129.80	43.93	20.10	20.97
23	14.23	11.21	24.17	23.91	22.33	41.21	230.70	70.93	55.11	35.66	19.53	20.39
24	13.55	10.80	14.94	11.82	81.71	33.24	112.30	151.40	142.80	34.00	73.99	19.82
25	13.10	10.22	11.00	15.46	149.00	29.50	68.54	177.50	53.35	30.97	31.17	18.97
26	12.67	10.22	10.80	12.03	153.60	25.01	48.97	161.30	46.35	29.13	28.78	18.42
27	13.80	10.22	14.16	11.00	30.63	22.17	43.48	119.00	241.60	146.90	25.67	18.42
28	13.99	9.84	11.21	10.03	94.64	22.48	33.66	85.08	119.70	60.36	23.41	18.15
29	25.04	9.84	9.84	9.65	90.36	27.18	33.62	60.91	65.72	46.48	21.26	17.88
30	31.40	9.28	9.28	8.92	97.20	41.83	29.14	50.21	133.60	33.24	21.26	17.36
31	22.54	8.74	8.74	8.74	121.60	27.72	27.72	42.10	31.72	31.72	16.84	16.84
TOTAL	480.85	356.41	328.66	309.03	1047.55	1737.03	2026.55	1939.07	2811.75	1811.26	905.65	806.08
AVERAGE	15.51	12.73	10.60	10.30	33.79	57.90	65.37	63.20	93.73	58.43	30.19	26.00
MAXIMUM	31.40	17.91	24.17	39.60	153.60	229.70	231.20	177.50	325.70	149.20	110.60	64.02
MINIMUM	12.67	9.84	8.74	7.07	4.70	22.17	25.01	23.72	29.13	22.47	19.53	16.84

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 14579.89 | 39.94 | 325.70 | 4.70

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1979

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	16.84	11.34	9.44	10.36	27.91	21.91	340.60	36.35	47.74	191.80	59.34	30.29
2	16.33	11.34	9.44	9.08	53.81	26.96	354.10	49.57	55.81	153.80	54.13	30.90
3	16.33	10.94	9.08	17.36	35.81	28.97	245.10	38.95	83.15	171.50	51.41	33.72
4	16.33	10.94	9.08	16.84	24.54	78.25	164.80	49.16	90.26	237.90	45.21	37.35
5	18.15	10.94	9.08	16.33	32.77	200.10	123.10	49.07	82.20	321.20	43.35	53.19
6	16.84	10.55	8.91	20.03		86.53	196.00	41.78	274.10	373.70	43.72	33.40
7	15.83	10.55	9.08	18.44	34.38	135.10	179.70	39.19	238.40	368.10	44.09	29.68
8	15.34	10.17	9.08	16.84		257.40	182.80	38.72	158.70	335.00	41.18	29.39
9	14.86	10.17	9.08	16.33	57.26	153.40	112.50	47.55	265.20	469.20	27.91	27.91
10	14.86	10.17	8.91	16.33	37.38	146.80	87.82	117.30	162.60		37.69	38.42
11	14.86	10.17	8.73	16.33	28.71	173.40	74.54	46.83	107.10	518.80	36.25	30.90
12	14.86	11.55	8.73	16.08	48.30	126.70	68.53	49.40	209.60		34.69	28.21
13	14.39	10.94	8.73	15.83	26.77	229.20	58.90	39.18	263.80	564.40	36.01	28.21
14	14.39	10.94	8.39	15.83	54.01	144.10	53.03	52.27	150.70	421.70	101.80	34.55
15	13.92	10.94	8.39	15.34	72.07	473.90	48.25	43.54		204.40	58.51	39.53
16	13.92	10.94	8.39	15.34	52.89	208.30	45.21	203.10	99.95	155.80	42.75	32.15
17	13.92	10.55	8.39	16.08	36.04	115.60	41.54	161.40	84.13	131.50	39.41	28.21
18	14.39	10.55	8.39	25.10	30.30	85.29	48.72	311.90	99.87	173.50	37.69	27.05
19	13.92	10.17	8.39	130.20	27.33	67.88	73.27	152.00	95.29	122.60	35.68	31.12
20	13.47	10.55	8.39	252.70	25.09	68.49	61.93	106.20	81.74	105.60	33.72	29.89
21	13.47	10.55	10.00	79.29	22.42	70.60	44.49	114.30	97.46		32.46	27.33
22	13.03	10.55	8.56	52.35	21.40	82.38	51.03	90.40	101.90	100.40	33.40	25.64
23	13.03	10.55	8.39	228.10	20.40	73.58	73.58	77.00	86.76	306.60	31.52	24.82
24	12.59	10.17	7.90	91.82	19.67	195.90	71.03	78.26	96.88	120.90	30.29	24.00
25	12.59	9.80	7.74	43.71	20.91	110.90	49.05	61.59	104.00	92.68	29.39	
26	12.59	9.80	7.74	41.67	26.84	110.40	44.83	65.84	103.60	79.51	28.80	28.93
27	12.17	9.80	7.74	31.74	49.16	143.00	40.82	53.03	95.22	72.60	27.91	28.21
28	12.17	9.80	7.74	102.10	26.60	177.80	77.27	49.82	82.62	66.51	27.62	25.09
29	11.75		13.25	55.68	21.74	225.20	45.24	45.72	355.10	60.64	29.40	23.74
30	11.55		12.59	46.22	20.66	417.10	46.04	63.93	333.80	57.19	33.09	23.21
31	11.34		11.76		23.17	38.95	52.92			56.07		22.68
TOTAL	440.03	295.05	279.51	1449.45	978.34	4503.46	3082.17	2427.17	4087.68	6033.60	1220.03	907.72
AVERAGE	14.19	10.54	9.02	48.32	33.74	150.12	99.42	78.30	140.95	215.49	40.67	30.26
MAXIMUM	18.15	11.55	13.25	252.70	72.07	473.90	354.10	311.90	355.10	564.40	101.80	53.19
MINIMUM	11.34	9.80	7.74	9.08	19.67	21.91	38.95	36.35	47.74	56.07	27.62	22.68

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 25704.21 71.80 564.40 7.74 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1980

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	14.53	11.44	8.42	8.94	32.61	23.58	55.45	23.83	44.21	133.60	27.53	
2	21.66	14.12	8.42	10.60	27.24	28.97	63.60	23.06	63.80	71.70	26.26	
3	21.15	14.12	11.44	15.64	28.73	22.98	56.28	22.30	59.66	59.66	33.54	
4	20.16	14.74	11.44	8.12	23.76	273.10	21.06	70.22	68.50	52.74	30.46	
5	28.32	14.53	11.07	7.82	50.36	114.80	20.09	52.57	69.97	67.84	27.85	
6	25.84	14.12	10.72	7.82	18.02	49.06	58.25	22.05	60.18	68.31	30.50	
7	22.68	13.72	10.38	7.82	14.15	66.20	55.84	21.30	55.54	144.30	26.26	
8	21.66	13.72	10.38	7.82	10.95	51.58	37.92	22.05	90.98	88.58	31.83	
9	20.90	13.32	10.38	7.82	9.75	74.17	76.65	71.38	73.84	64.17	30.12	
10	20.90	13.32	10.38	7.82	10.43	42.70	40.13	121.80	66.04	53.16	27.85	
11	20.40	13.32	10.04	7.82	9.26	278.00	32.52	198.70	54.00	46.97	85.37	
12	19.91	13.32	10.04	8.12	8.78	116.00	65.91	291.30	50.65	43.81	75.06	
13	19.43	13.32	9.70	8.27	10.26	436.40	98.17	595.80	43.81	43.81	50.02	
14	19.43	12.94	9.70	8.42	9.10	279.30	56.80	199.60	124.20	36.69	43.81	
15	18.95	12.94	9.70	7.82	8.47	249.50	64.97	44.17	99.32	35.27	41.51	
16	18.48	12.55	9.70	8.12	8.16	125.10	43.47	79.72	140.30	35.98	35.62	
17	18.02	12.17	9.70	8.42	8.77	88.28	36.05	63.87	85.60	34.56	31.46	
18	17.56	12.17	9.37	9.37	8.16	64.49	31.70	54.85	65.25	31.46	29.14	
19	17.79	11.80	9.37	52.79	7.86	53.11	28.76	62.00	161.40	40.61	28.83	
20	18.25	11.80	9.37	11.80	7.56	100.50	59.50	49.82	74.51	33.14	26.58	
21	18.02	11.80	9.37	10.55	7.56	78.54	69.11	37.34	143.40	34.92	26.48	
22	17.56	11.44	9.37	9.70	7.71	53.69	94.36	48.19	154.40	29.79	28.49	
23	17.11	11.44	9.05	8.89	64.35	47.57	181.60	41.51	135.80	29.14	29.14	
24	16.23	11.44	8.73	8.42	17.14	42.20	185.40	35.98	88.57	37.51	28.17	
25	16.67	11.07	8.73	8.12	58.01	39.00	104.00	33.51	98.32	44.68	28.17	
26	16.23	11.07	8.73	7.82	126.80	37.37	82.96	53.02	95.03	33.66	32.83	
27	15.79	11.07	8.42	7.52	40.12	31.10	81.21	52.38	99.36	30.79	28.49	
28	15.37	11.80	8.42	7.52	25.80	27.63	63.74	59.37	70.25	28.81	28.49	
29	15.37	12.55	8.42	11.26	26.71	29.63	55.27	83.48	66.02	28.81	27.21	
30	14.95	8.42	8.42	10.38	46.86	25.97	46.70	72.68	56.58	28.17	25.03	
31	14.53	8.42	8.42	29.19	29.19	47.06	47.06	58.78	58.78	23.82	23.82	
TOTAL	569.32	370.25	301.12	289.33	709.23	2963.57	1914.73	1354.31	2388.15	2560.61	1512.64	1017.75
AVERAGE	18.98	12.77	9.71	9.98	22.88	98.79	61.77	43.69	85.29	85.35	50.42	33.93
MAXIMUM	28.32	14.74	11.44	32.79	126.80	436.40	185.40	80.63	535.80	161.40	144.30	85.37
MINIMUM	14.53	11.07	8.42	7.52	7.56	25.97	20.09	24.36	24.30	43.81	28.17	23.82

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 15951.01 \*\*\*\*\*  
 \*\*\*\*\* 44.31 \*\*\*\*\*  
 \*\*\*\*\* 535.80 \*\*\*\*\*  
 \*\*\*\*\* 7.52 \*\*\*\*\*



DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1981

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	23.23	14.60	12.72	9.30	0.58	22.95	61.65	46.73	90.09	66.95	49.51	9.33
2	22.05	14.13	12.72	9.30	0.68	19.62	77.08	23.31	108.62	93.75	40.07	9.33
3	22.05	14.13	12.27	9.30	0.58	15.90	40.20	22.61	103.50	87.40	41.88	8.51
4	21.48	14.37	12.27	9.30	0.68	8.15	30.49	24.96	97.68	54.62	30.67	8.51
5	21.20	15.34	12.05	9.30	1.66	4.71	33.28	14.02	64.00	59.98	26.38	13.00
6	21.48	16.35	11.83	9.30	2.03	12.20	25.67	12.02	84.37	101.28	24.27	18.48
7	21.48	14.60	11.83	9.30	1.26	44.48	20.95	16.29	133.40	138.51	24.96	15.61
8	20.35	15.34	12.27	8.91	0.98	136.04	12.31	49.64	148.50	65.61	24.96	11.55
9	19.79	13.89	11.83	9.10	0.68	549.62	32.55	25.04	244.80	49.51	22.25	11.08
10	19.24	13.65	11.61	9.30	0.58	121.75	69.08	15.90	91.95	55.13	19.08	14.02
11	18.70	13.18	12.95	8.91	0.48	217.85	82.72	33.48	107.11	95.00	18.48	13.00
12	18.70	13.18	11.83	9.50	0.48	86.42	75.11	118.55	149.58	71.50	17.89	11.08
13	18.70	13.42	12.28	13.00	0.40	79.92	222.24	90.06	122.53	44.66	17.89	9.33
14	18.70	13.89	11.61	10.75	0.40	108.22	90.74	48.03	186.97	38.31	15.61	8.91
15	18.17	13.89	13.42	21.00	0.40	116.47	49.51	94.30	315.54	34.08	15.07	8.11
16	17.64	13.18	12.72	12.13	0.40	332.17	35.74	279.96	565.59	32.45	15.07	7.72
17	17.11	13.18	11.61	9.91	0.40	239.18	27.84	203.48	201.80	28.58	13.50	7.35
18	17.11	12.95	11.98	10.53	0.32	61.71	116.18	136.37	24.96	13.00	13.00	7.35
19	17.11	12.95	11.83	17.51	0.32	55.75	35.74	276.56	102.07	22.91	13.00	8.11
20	16.60	44.01	10.76	15.64	0.32	78.00	22.91	128.09	94.21	27.84	12.50	12.50
21	16.60	25.66	10.76	13.81	0.25	354.79	18.34	82.84	88.03	24.96	12.50	15.07
22	16.07	23.53	10.53	11.18	0.25	219.67	57.80	158.38	76.40	30.10	12.02	17.89
23	16.09	17.12	10.32	10.32	0.25	274.73	46.48	160.36	93.67	38.31	12.02	10.19
24	15.84	15.09	10.11	9.91	0.32	297.54	47.05	109.24	204.67	49.51	10.63	8.11
25	15.59	14.13	10.11	9.31	0.58	112.85	57.36	384.01	515.49	82.33	10.19	8.51
26	15.59	13.42	10.11	9.10	1.95	70.49	27.84	561.53	162.79	40.07	10.19	8.11
27	15.09	13.42	9.70	8.71	2.22	70.63	20.95	318.21	97.68	40.07	10.19	6.98
28	15.09	12.95	9.70	8.52	2.22	129.87	19.42	229.62	84.06	37.44	10.19	6.63
29	14.85		9.70	8.52	5.30	297.29	22.91	173.25	104.88	84.59	10.19	6.63
30	14.60		9.70	8.52	14.14	83.54	29.34	112.35	75.15	63.90	10.19	6.28
31	14.60		9.30		21.78		22.25	81.46		77.65		6.98
TOTAL	560.90	445.55	352.43	319.19	62.89	4323.52	1477.26	4010.46	4651.51	1761.96	564.55	314.26
AVERAGE	18.09	15.91	11.37	10.64	2.03	144.12	47.65	129.37	155.95	56.84	18.82	10.14
MAXIMUM	23.23	44.01	13.42	21.00	21.78	549.62	222.24	561.53	565.59	138.51	49.51	18.48
MINIMUM	14.60	12.95	9.30	8.52	0.25	4.71	12.31	12.02	64.00	22.91	10.19	6.28

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 18844.48 \*\*\*\*\*  
 \*\*\*\*\* 51.63 \*\*\*\*\*  
 \*\*\*\*\* 565.59 \*\*\*\*\*  
 \*\*\*\*\* 0.25 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUCING STATION

YEAR : 1982

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.28	4.12	2.64	0.79	1.34	20.95	17.30	84.06	77.65	269.39	54.20	10.63
2	5.61	3.59	2.42	0.79	1.34	16.17	17.30	49.51	77.38	114.31	26.38	10.63
3	5.30	3.59	2.64	0.79	1.19	13.50	21.98	61.71	47.08	96.35	22.91	10.19
4	4.99	3.59	2.42	0.79	0.68	20.95	33.70	92.74	79.21	158.25	20.95	10.19
5	7.35	3.59	2.42	0.68	44.71	105.28	74.33		53.12	146.84	31.66	9.75
6	6.98	3.09	1.84	0.79	0.58	27.84	42.79	88.98	67.08	120.09	34.08	10.19
7	6.28	3.09	1.84	0.68	0.48	24.27	26.38	40.07	35.74	71.50	26.38	10.63
8	5.94	3.85	1.66	0.68	0.48	29.72	22.25	30.87	31.66	54.62	22.25	10.19
9	6.98	4.12	2.22	0.68	0.40	56.73	19.70	42.37	22.91	47.54	20.95	10.19
10	8.11	6.28	2.22	0.58	0.92	53.33	16.17	30.10	19.08	128.09	22.91	9.33
11	5.94	6.98	2.86	0.58	1.19	224.61	20.95	25.67	17.30	118.71	20.95	8.91
12	5.30	6.28	2.86	0.68	14.04	287.85	55.75	19.08	15.07	58.56	19.70	8.91
13	4.99	3.34	2.22	0.79	9.76	620.37	40.07	17.89	17.89	49.04	17.89	8.51
14	4.99	3.34	1.84	4.69	2.22	506.85	37.02	19.70	41.11	92.80	17.30	8.11
15	4.69	3.09	1.49	1.05	3.26	233.67	76.75	22.31	56.73	91.26	16.17	8.11
16	4.69	2.86	1.49	1.19	3.34	136.50	44.66	45.98	58.89	54.62	16.17	8.51
17	4.40	2.64	1.49	0.92	4.58	120.62	38.31	22.91	40.07	49.51	15.07	15.95
18	4.40	2.64	1.34	0.68	19.09	83.41	30.88	19.93	40.20	67.57	15.07	19.08
19	4.69	2.64	1.34	0.58	97.81	83.18	46.38	44.02	53.76	47.54	16.73	10.63
20	4.69	2.86	1.19	0.58	229.50	59.98	24.27	39.89	43.27	75.79	16.73	9.33
21	4.40	3.34	1.19	0.58	31.66	47.54	33.26	23.96	37.44	97.81	14.02	8.51
22	4.69	2.64	1.19	0.58	17.69	40.97	44.66	17.70	31.66	54.62	13.00	8.51
23	4.40	2.42	1.05	0.58	90.58	84.06	58.36	33.70	30.87	42.79	12.50	8.11
24	4.12	2.22	1.05	0.48	281.07	42.79	81.64	22.91	25.67	35.74	12.02	8.11
25	3.85	2.42	1.05	0.68	233.43	38.81	93.14	18.48	35.15	31.66	11.55	7.72
26	3.85	2.02	1.05	0.48	59.98	86.11	44.66	18.48	71.52	27.84	11.55	7.35
27	3.59	2.02	1.05	0.40	20.95	59.98	32.86	63.86	223.76	25.67	11.55	8.51
28	3.34	2.42	1.05	0.40	17.89	35.74	54.29	138.70	119.17	31.66	10.19	8.51
29	5.30		0.92	0.40	27.84	26.38	31.66	116.96	132.23	33.26	11.08	7.35
30	6.28		0.92	0.40	55.85	20.95	37.44	81.46	398.62	31.66	11.08	6.98
31	4.69		0.92		44.66		100.09	40.07		24.27		6.63
TOTAL	161.11	95.08	51.68	23.97	1278.38	3148.54	1349.95	1468.40	2011.29	2349.36	572.99	294.26
AVERAGE	5.20	3.40	1.67	0.80	41.11	104.95	43.55	46.72	67.04	75.79	19.10	9.49
MAXIMUM	8.11	6.98	2.86	4.69	281.07	620.37	105.28	138.70	398.62	269.39	54.20	19.08
MINIMUM	3.34	2.02	0.92	0.40	0.40	13.50	16.17	17.70	15.07	24.27	10.19	6.63

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 ANNUAL  
 \*\*\*\*\*  
 TOTAL AVERAGE MAXIMUM MINIMUM  
 \*\*\*\*\*  
 12781.01 35.02 620.37 0.40  
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1993/ 1/18 ( MON ) 11:22:57

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1983

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.28	3.59	2.42	1.49	1.66	8.86	10.85	16.73	49.89	15.07	99.81	13.00
2	6.63	3.59	2.42	1.19	1.19	4.40	35.48	16.76	39.41	169.74	66.77	13.50
3	6.63	3.59	2.42	2.02	1.19	3.34	15.07	51.71	44.67	219.14	103.12	12.50
4	6.98	3.59	2.42	2.42	1.19	2.86	14.09	47.26	35.74	167.84	54.62	12.02
5	8.11	3.59	2.22	2.02	1.05	1.49	13.18	23.58	19.70	282.51	40.07	10.63
6	6.63	3.59	2.22	1.49	1.05	0.79	24.70	17.89	17.30	139.75	35.74	10.18
7	5.94	3.34	1.84	1.49	1.05	0.68	34.77	88.67	13.50	112.41	30.49	9.75
8	5.94	3.34	1.84	1.49	0.92	1.17	14.81	44.83	13.00	128.86	73.01	9.33
9	5.94	3.34	2.02	1.34	1.05	9.57	114.52	93.20	12.50	75.16	38.31	9.75
10	5.61	3.34	2.02	1.34	3.34	15.45	145.94	51.52	15.61	83.32	40.07	8.91
11	5.61	3.09	1.84	2.22	1.49	8.91	41.88	26.06	30.25	114.61	51.85	8.91
12	5.61	3.09	1.84	2.22	1.05	4.60	23.58	30.69	13.50	59.98	32.73	8.11
13	8.11	3.09	1.84	1.84	0.92	3.55	24.27	19.08	11.08	45.37	29.34	7.72
14	6.98	3.34	2.02	1.49	0.92	18.34	14.54	17.89	9.97	86.88	24.27	7.35
15	5.30	3.34	2.02	1.34	0.92	24.52	12.83	15.07	13.00	49.51	20.31	6.98
16	8.11	3.09	2.02	1.34	0.92	21.31	14.02	12.02	19.08	40.07	19.70	6.98
17	7.72	2.86	1.66	1.66	0.79	38.82	13.50	12.02	18.78	44.11	19.08	6.63
18	6.63	2.86	1.66	2.02	1.05	85.86	16.59	23.64	12.02	170.96	18.48	6.63
19	6.28	2.86	1.66	1.84	0.92	22.15	19.70	12.50	8.51	42.79	17.89	6.98
20	5.61	2.86	1.66	1.49	0.79	22.93	17.30	10.59	7.92	37.44	16.73	6.63
21	5.30	2.86	1.66	1.34	0.79	108.21	19.08	34.28	16.11	34.08	15.07	6.28
22	5.30	2.86	1.66	1.34	0.92	37.44	19.70	33.10	9.51	40.74	13.50	6.28
23	4.99	2.86	1.66	1.19	0.92	15.07	25.32	49.69	42.56	157.77	12.50	5.61
24	4.69	2.86	1.66	1.19	0.68	8.11	39.56	22.25	32.83	131.94	12.50	5.94
25	4.69	3.09	1.66	1.05	0.68	6.98	31.27	18.48	30.34	253.66	12.02	6.98
26	4.69	2.86	1.66	1.05	0.79	14.74	39.85	33.79	24.47	421.91	11.55	10.18
27	4.69	2.86	1.66	1.05	3.59	37.27	30.10	67.15	22.86	185.87	11.08	6.98
28	4.40	2.64	1.49	1.19	1.05	17.89	27.84	40.07	54.79	103.62	10.18	9.33
29	4.69	2.86	1.49	1.66	0.92	8.91	24.98	26.38	122.79	63.33	23.58	8.51
30	4.40	2.86	1.49	1.66	1.05	8.92	20.32	31.07	460.26	63.33	23.58	7.72
31	4.12	2.86	1.49	1.49	5.61	23.76	23.76	23.76	153.71	153.71	6.28	6.28
TOTAL	182.61	88.05	57.82	46.94	40.46	582.94	1049.40	987.97	1221.95	3631.75	977.36	262.58
AVERAGE	5.89	3.14	1.87	1.56	1.31	18.76	33.85	32.93	40.73	121.06	32.58	8.47
MAXIMUM	8.11	3.59	2.42	2.42	5.61	108.21	145.94	93.20	460.26	421.91	103.12	13.50
MINIMUM	4.12	2.64	1.49	1.05	0.68	0.68	10.85	10.59	7.92	15.07	10.18	5.61

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 | ANNUAL  
 |\*\*\*\*\*  
 | TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 |\*\*\*\*\*  
 | 9109.83 | 25.10 | 460.26 | 0.68 |  
 |\*\*\*\*\*

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1984

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.98	4.40	3.34	1.66	7.38	67.69	18.40	266.70	604.55	697.88	199.44	22.60
2	6.98	4.12	3.09	1.49	7.29	27.09	18.85	180.93	293.33	591.45	156.82	22.43
3	6.62	3.85	3.09	1.34	7.11	22.23	20.98	110.11	419.45	108.87	156.82	22.43
4	6.62	3.85	2.64	1.34	7.29	134.11	49.55	67.27	319.39	549.26	96.03	22.60
5	6.98	4.40	2.42	1.34	7.02	214.49	34.40	45.20	169.06	380.02	71.97	21.94
6	9.75	8.91	2.42	1.34	6.94	81.17	50.01	44.41	117.96	478.19	61.74	21.29
7	7.35	8.11	2.42	1.49	6.94	33.04	98.01	42.01	86.66	286.83	56.51	20.65
8	6.28	5.61	2.42	1.34	6.94	49.84	56.53	36.95	174.06	288.46	51.18	20.49
9	5.29	4.99	2.42	1.34	6.94	326.15	52.95	35.07	201.02	169.28	45.41	21.62
10	5.29	4.99	2.42	1.34	12.36	106.86	57.85	38.42	234.79	157.05	42.96	21.78
11	4.99	5.61	2.42	1.34	20.76	45.78	71.51	32.44	298.53	127.05	37.44	20.81
12	4.99	5.29	2.64	2.64	11.94	122.14	45.53	60.78	218.00	112.08	39.09	20.49
13	4.69	4.12	2.64	1.34	8.88	81.03	34.92	69.17	115.85	114.15	37.52	20.02
14	4.69	3.85	2.42	1.19	7.57	64.60	29.13	55.17	95.61	98.33	35.55	19.40
15	5.29	3.85	2.22	1.19	8.01	62.35	27.35	45.86		82.69	34.70	18.95
16	5.29	5.29	2.22	7.35	7.56	234.62	23.92	62.05	114.18	73.02	33.03	19.40
17	5.29	3.85	2.02	2.82	7.38	127.24	28.00	74.29	222.13	32.41	32.41	19.10
18	5.29	3.59	2.02	1.66	7.38	114.20	25.89	195.62	338.50	60.58	32.01	18.20
19	6.28	3.34	4.99	1.49	7.29	65.20	23.17	341.19	249.43	58.68	31.40	17.62
20	8.91	3.85	2.64	1.34	7.29	127.52	35.49	162.08	300.51	55.94	30.61	17.04
21	5.29	3.59	2.22	1.34	7.02	66.66	43.58	192.69	259.09	54.30	29.25	16.90
22	5.29	3.34	2.22	1.19	6.94	57.84	39.79	93.12	136.05	47.08	89.20	16.48
23	8.51	3.09	2.02	1.05	6.94	51.06	98.04	80.38	131.16	87.50	45.76	16.06
24	5.94	3.59	2.02	1.05	6.77	44.14	47.71	182.34	170.05	103.16	34.50	15.79
25	5.94	3.59	8.11	1.05	6.60	34.74	33.70	64.71	630.08	126.37	32.01	15.79
26	5.29	3.34	8.91	1.05	8.30	27.93	27.37	60.73	349.13	97.97	28.11	15.39
27	4.99	2.86	4.12	1.05	67.99	28.48	42.19	67.58	672.43	70.10	26.80	15.25
28	4.69	2.86	3.34	1.05	20.96	21.79	70.39	65.55	487.41	64.53	25.18	15.25
29	4.69	2.64	3.34	1.05	148.96	20.28	44.26	117.82	285.04	470.25	24.13	15.25
30	4.40	2.64	2.64	1.05	50.20	18.55	187.46	89.05	285.95	357.62	23.27	17.91
31	4.40	1.66	1.66	1.66	240.58		222.35	149.28		361.56		20.18
TOTAL	183.28	124.77	93.51	46.71	741.53	2478.82	1859.28	3049.02	7981.40	7417.02	1592.90	589.11
AVERAGE	5.91	4.30	3.02	1.56	23.92	82.63	53.53	98.36	275.22	239.26	53.10	19.00
MAXIMUM	9.75	8.91	8.91	7.35	240.58	326.15	222.35	341.19	672.43	846.83	199.44	22.60
MINIMUM	4.40	2.64	1.66	1.05	6.60	18.55	18.40	32.44	86.66	47.08	23.27	15.25

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 TOTAL AVERAGE MAXIMUM MINIMUM  
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 25957.35 71.12 846.83 1.05  
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DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1985

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	18.35	10.53	8.01	5.64	34.97	123.50	12.06	19.48	30.87	105.63	117.02	46.60
2	17.76	10.62	7.74	6.52	21.84	38.24	11.78	18.98	24.23	81.53	94.11	22.36
3	17.19	10.21	7.64	5.95	16.21	124.62	11.43	19.87	19.88	99.42	69.75	25.56
4	16.90	10.21	7.38	5.64	12.63	54.49	12.61	33.04	21.56	104.83	98.22	32.20
5	22.29	10.42	7.29	5.64	11.60	26.95	15.50	23.94	19.61	86.80	87.53	25.40
6	19.87	10.21	7.39	5.41	11.43	20.52	13.91	20.94	24.89	56.76	62.75	20.53
7	17.91	9.79	7.02	5.34	11.70	17.63	13.09	18.36	21.12	120.79	51.12	21.36
8	17.04	9.58	6.94	5.34	69.02	71.34	12.80	16.92	20.94	49.05	44.84	24.04
9	16.48	9.58	7.11	5.12	25.43	64.98	12.80	16.01	39.51	40.92	63.71	22.17
10	15.93	9.58	7.64	5.64	17.12	60.11	13.29	18.44	26.36	51.07	44.89	19.62
11	15.39	9.27	9.49	5.41	14.13	50.39	14.24	17.91	53.65	71.67	41.57	20.00
12	14.85	9.17	10.32	5.56	12.71	31.54	25.96	40.64	56.45	41.74	38.73	19.61
13	14.33	10.64	8.58	5.87	12.24	23.42	20.26	37.16	127.26	34.42	36.55	19.23
14	13.82	9.89	8.01	5.41	15.81	20.01	16.22	30.89	61.32	33.78	31.57	18.36
15	13.44	9.58	7.38	5.34	13.59	18.36	16.25	25.43	77.67	135.27	34.75	17.51
16	13.20	9.38	7.02	5.34	11.88	17.39	15.24	19.63	169.72	77.35	37.31	17.04
17	13.20	6.94	6.94	14.56	39.67	17.39	14.71	17.39	123.63	100.50	33.27	16.46
18	12.83	9.17	6.68	15.29	32.90	16.23	28.62	17.04	47.80	110.13	30.16	16.35
19	12.35	9.17	6.35	12.18	15.45	15.45	26.57	16.01	46.09	80.19	27.46	16.57
20	12.23	9.17	6.27	6.11	14.28	15.48	22.57	14.71	35.97	58.08	26.34	16.57
21	11.88	9.17	6.27	5.79	12.52	14.72	22.02	30.79	30.34	52.72	24.94	18.85
22	11.76	9.17	6.27	5.41	11.78	13.68	18.83	47.50	27.46	50.96	24.69	16.93
23	12.47	9.17	6.27	5.12	11.09	13.29	16.35	88.91	25.41	57.78	22.87	15.90
24	16.23	8.88	6.27	5.05	10.65	18.46	22.08	41.07	276.74	72.27	22.87	15.35
25	13.45	8.78	6.27	10.12	10.99	17.99	18.21	28.34	74.15	93.31	22.30	15.03
26	12.35	8.49	6.03	6.01	11.34	15.28	15.54	30.13	40.26	107.72	22.73	14.81
27	11.88	8.39	5.95	9.97	13.65	13.68	18.12	35.56	45.68	73.21	20.80	16.59
28	11.42	8.11	6.27	51.72	13.89	12.90	15.68	30.07	61.32	129.75	20.39	24.39
29	11.31	6.27	6.27	36.61	17.53	12.33	33.34	25.11	36.68	74.98	19.87	21.20
30	10.97	6.03	6.03	12.90	15.56	12.24	27.35	76.12	71.66	671.20	19.48	19.87
31	10.86	5.72	5.72	29.27	19.81	19.81	19.81	36.67	250.85	250.85	19.48	19.48
TOTAL	449.94	263.07	218.82	286.01	576.98	972.73	557.44	931.86	1738.23	3172.68	1291.86	635.94
AVERAGE	14.51	9.40	7.06	9.53	18.61	32.42	17.98	30.06	57.94	102.34	43.06	20.51
MAXIMUM	22.29	10.64	10.32	51.72	69.02	124.62	33.34	88.91	276.74	671.20	117.02	46.60
MINIMUM	10.86	6.94	5.72	5.05	10.65	12.24	11.43	14.71	19.61	33.78	19.48	14.81

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*

1993/ 1/18 ( MON ) 11:22:57

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1986

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	17.63	14.50	10.08	8.55	6.77	7.58	29.43	19.26	102.34	79.27	36.59	22.72
2	16.80	14.40	10.00	8.20	6.27	7.04	24.60	17.68	203.12	86.67	136.99	27.99
3	16.80	14.40	10.00	8.20	6.27	7.30	23.96	25.92	121.32	120.23	98.65	26.60
4	16.23	14.60	9.92	7.99	137.40	12.32	28.16	22.11	53.34	71.70	51.13	25.92
5	15.79	13.89	9.68	7.92	18.95	29.60	62.20	18.72	37.45	48.99	41.05	25.26
6	15.46	13.58	9.68	8.77	9.07	41.16	27.29	17.17	34.08	41.99	35.74	25.26
7	15.68	13.29	9.45	7.99	7.30	56.09	25.82	33.37	26.60	222.23	32.48	25.26
8	15.35	12.90	9.37	7.92	6.52	31.82	20.94	20.37	167.28	30.17	26.60	26.60
9	14.92	12.52	9.14	7.72	6.03	21.17	44.90	23.38	25.26	111.25	29.43	25.92
10	14.50	12.33	9.07	7.65	16.41	13.49	25.26	21.43	27.29	133.35	101.77	25.26
11	14.40	12.06	9.07	7.65	12.57	11.13	18.72	34.42	46.98	133.34	61.61	23.96
12	14.71	12.06	8.84	7.65	7.04	9.72	26.73	55.55	63.94	110.98	81.54	23.96
13	15.24	11.78	8.77	7.65	6.27	17.55	16.68	47.94	164.16	104.39	65.42	24.60
14	14.50	11.69	8.77	7.65	6.03	13.92	17.68	29.43	122.37	60.38	46.91	23.33
15	14.82	11.69	8.55	7.65	5.57	23.96	16.68	22.72	48.99	74.15	48.99	21.52
16	14.71	11.69	8.48	7.45	8.49	11.88	17.68	21.52	74.33	481.44	74.66	21.52
17	14.40	11.43	8.48	7.39	6.77	9.07	24.50	20.94	52.23	113.83	55.62	20.94
18	15.13	11.08	8.48	7.39	6.03	11.13	19.81	28.29	45.90	74.95	46.91	20.37
19	15.46	11.25	8.27	7.39	7.90	33.60	17.68	24.60	75.76	55.62	41.05	19.81
20	19.50	12.06	8.20	7.39	23.91	12.27	184.13	21.52	69.21	46.91	59.86	19.26
21	22.75	10.91	12.84	7.20	11.13	9.39	53.07	25.26	59.72	42.95	50.06	19.26
22	22.73	10.65	10.63	7.13	65.03	8.45	71.99	33.13	121.50	40.13	95.21	19.26
23	22.03	10.65	9.23	7.13	22.18	94.01	78.99	24.84	175.03	38.33	58.51	18.72
24	20.40	10.40	9.29	7.13	11.13	28.15	263.30	19.81	73.49	34.08	47.94	18.19
25	17.39	10.08	9.07	8.53	19.65	21.52	99.08	92.35	48.99	33.27	41.05	18.19
26	17.04	10.74	9.07	7.79	33.57	30.78	67.11	35.74	144.54	107.11	36.59	17.68
27	16.69	10.65	9.07	18.90	23.50	34.08	51.13	25.26	450.80	47.94	34.90	17.17
28	17.39	10.40	9.07	17.99	17.17	35.74	48.99	21.52	174.30	39.22	32.48	16.68
29	17.04	10.40	9.07	9.84	13.49	51.05	30.93	18.19	98.64	49.62	31.69	16.68
30	15.68	10.40	8.92	8.27	9.39	37.45	19.26	17.68	72.72	47.94	31.69	16.68
31	14.92	10.40	8.77	8.45	8.45	20.94	19.81	19.81	42.95	42.95	16.19	16.19
TOTAL	516.09	337.68	287.33	256.08	536.26	732.42	1477.64	899.93	2792.70	2837.33	1661.85	670.76
AVERAGE	16.65	12.06	9.27	8.54	17.30	24.41	47.67	27.74	96.30	91.53	55.40	21.64
MAXIMUM	22.75	14.60	12.84	18.90	127.40	94.01	263.30	92.35	450.80	481.44	136.99	27.99
MINIMUM	14.40	10.08	8.20	7.13	5.57	7.04	16.68	17.17	25.26	33.27	29.43	16.19

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TOTAL	12966.07	35.62	481.44	5.57
AVERAGE	35.62	481.44	5.57	16.19
MAXIMUM	481.44	5.57	16.19	16.19
MINIMUM	5.57	16.19	16.19	16.19

DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1987

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	15.72	12.67	9.07	8.45	4.10	35.83	82.44	50.43	164.28	256.08	25.55	
2	15.72	13.49	8.76	8.15	4.35	16.69	89.50	46.13	165.31	114.28	23.75	
3	15.72	12.27	9.07	8.15	4.74	14.70	90.95	48.78	263.71	168.37	22.03	
4	15.25	12.27	8.76	8.15	5.30	11.66	83.35	45.13	728.26	225.46	21.37	
5	15.25	11.50	9.07	8.15	5.90	34.35	49.66	85.90	791.26	103.87	20.23	
6	14.80	11.50	9.07	7.86	5.53	53.57	41.11	153.71	487.16	77.59	20.07	
7	14.80	11.88	10.06	7.58	4.61	30.06	37.54	143.22	343.79	62.81	18.98	
8	14.80	11.13	9.72	7.58	4.35	15.81	37.56	360.73	181.29	58.17	18.82	
9	14.35	11.88	9.39	11.50	4.10	11.86	45.13	159.29	184.66	52.67	18.82	
10	13.92	11.13	9.72	8.45	4.10	28.33	354.66	93.77	427.66	49.05	18.82	
11	13.92	11.13	9.72	42.97	4.10	89.10	148.19	70.30	137.71	47.19	19.22	
12	13.92	10.76	11.13	20.93	9.56	64.85	131.48	58.53	97.13	41.34	18.22	
13	13.92	10.76	9.39	10.76	7.42	32.50	251.07	52.66	80.03	39.89	19.29	
14	13.92	10.41	10.06	9.39	5.03	20.10	147.30	46.67	75.72	38.01	18.82	
15	13.49	10.41	9.72	8.76	4.61	15.52	97.60	43.07	80.46	35.50	18.22	
16	13.49	10.06	9.72	8.76	4.35	14.17	87.95	40.85	191.11	35.10	17.19	
17	13.07	10.06	8.76	8.45	4.55	14.58	57.49	39.89	93.97	31.82	17.04	
18	12.67	10.06	8.76	8.76	4.35	32.78	158.39	61.59	66.68	30.38	18.07	
19	12.67	10.06	8.76	7.86	54.82	32.01	242.39	101.21	107.83	29.37	18.22	
20	12.67	9.72	8.45	7.86	120.23	17.95	140.05	83.01	158.74	28.58	48.67	
21	12.67	9.72	8.45	7.58	41.32	13.04	225.28	72.99	1609.82	27.80	46.19	
22	12.27	9.39	8.45	7.58	86.83	11.16	236.44	130.78	415.40	27.80	32.06	
23	13.49	9.39	8.15	7.30	32.42	9.87	190.80	206.06	188.53	27.04	25.77	
24	14.35	9.39	8.15	7.30	13.58	16.03	294.44	121.85	132.82	26.66	22.88	
25	12.67	9.39	7.86	7.50	18.30	14.04	163.05	198.38	142.31	25.00	22.03	
26	12.27	9.07	7.86	7.30	14.46	23.61	184.01	146.26	111.02	24.82	20.39	
27	12.27	9.07	7.86	7.04	10.85	964.00	142.76	140.86	107.81	24.82	17.49	
28	12.27	9.07	7.86	7.04	8.66	205.24	97.19	93.95	84.83	25.36	17.62	
29	12.27		7.58	7.30	31.27	78.06	97.37	89.72	73.28	29.97	17.62	
30	12.27		7.86	7.58	60.26	65.71	70.71	112.15	70.89	26.66	17.04	
31	11.88		7.86		80.79		58.29	75.09		26.29		
TOTAL	422.75	297.64	275.10	250.94	664.84	1987.18	4114.15	3172.96	7763.47	1815.75	659.49	
AVERAGE	13.64	10.63	8.87	9.70	21.45	66.24	132.71	102.35	258.78	58.57	21.98	
MAXIMUM	15.72	13.49	11.13	42.97	120.23	964.00	354.66	360.73	1609.82	256.08	48.67	
MINIMUM	11.88	9.07	7.58	7.04	4.10	9.87	37.54	39.89	66.68	24.82	17.04	

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 | TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 |\*\*\*\*\*  
 | 21464.27 | 64.26 | 1609.82 |  
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DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1988

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	12.79	10.94	8.85	6.05	2.50	69.93	43.32	74.25	245.84	147.22	74.43	30.18
2	13.79	11.38	8.47	6.05	2.11	42.94	134.84	44.22	26.70	102.97	71.10	27.77
3	13.92	10.94	8.47	6.05	2.11	81.10	15.30	31.84	288.11	84.18	61.63	27.77
4	19.47	10.94	8.47	6.05	2.11	36.03	171.15	38.57	205.07	71.76	54.58	27.77
5	16.34	11.73	8.09	6.05	2.11	21.20	86.46	60.73	114.67	116.51	54.58	27.77
6	15.37	11.84	8.09	5.74	2.11	140.56	59.17	40.85	81.32	71.14	53.45	31.00
7	14.83	12.31	8.09	5.74	2.11	32.88	48.00	69.72	82.61	59.73	49.07	28.56
8	17.49	11.16	8.09	5.74	1.92	16.76	56.84	54.36	167.50	216.72	64.45	26.23
9	15.77	10.50	8.09	5.74	1.92	10.92	40.68	65.70	151.00	128.45	46.13	25.49
10	14.30	10.50	7.73	6.37	1.92	8.71	37.13	139.22	211.96	105.67	59.62	24.73
11	13.28	10.07	7.37	6.69	1.92	11.58	78.98	82.04		165.94	44.96	24.00
12	12.79	11.27	7.37	7.03	1.92	179.05	97.61	113.10		97.90	73.59	23.29
13	12.55	10.94	7.37	7.73	1.92		71.57	171.92	323.27	104.17	61.31	22.58
14	12.08	11.63	7.37	6.86	2.11	182.58	46.76	129.92	179.54	173.54	58.46	22.58
15	11.84	12.80	7.03	6.37	1.92	28.97	39.00	84.86	129.02	109.00	42.09	21.89
16	12.31	11.84	7.03	11.45	13.34	54.66	34.87	52.34	134.72	109.18	37.13	21.89
17	12.31	11.38	8.52	15.03	42.70	69.34	31.00	42.87	115.71	81.97	35.32	21.20
18	11.84	10.94	8.09	10.20	13.82	55.54	37.61	35.32	100.84	75.78	54.03	30.82
19	11.38	10.50	7.37	8.09	23.67	32.06	30.18	31.00	78.58	64.08	40.60	32.69
20	10.94	10.07	7.03	19.60	9.26	22.58	26.99	34.43	66.59	67.86	36.22	26.99
21	10.94	9.65	7.03	13.31	29.53	133.71	61.55	47.52	100.89	59.23	35.32	24.00
22	10.50	9.55	7.03	10.94	13.06	131.50	32.98	157.06	227.15	49.07	31.84	23.29
23	10.07	9.98	8.28	8.02	7.13		42.98	119.85	190.44	73.83	39.80	22.23
24	10.07	10.18	7.73	7.03	4.21	20.04	32.03	239.60	109.85	255.69	34.43	21.20
25	10.07	9.65	7.03	6.69	3.42	87.49	27.77	253.64	83.23	147.99	31.84	21.89
26	10.07	9.45	6.69	5.82	2.94	57.59	21.89	26.40	134.99	134.10	29.36	21.20
27	11.27	9.65	6.69	5.74	5.97	43.87	69.28	263.37	266.78	189.42	28.56	20.87
28	11.38	9.25	6.69	5.74	4.21	112.70	35.89	157.60	223.65	132.39	26.99	20.53
29	11.84	9.25	6.69	5.74	52.64	65.56	41.73	142.48	275.59	195.03	48.02	24.37
30	11.05		6.69	5.45	39.89	75.90	43.87	258.06	252.64	151.60	38.06	24.73
31	11.38		6.69		46.71		144.61	333.04		90.56		25.47
TOTAL	394.03	310.29	234.23	233.11	343.01	1885.75	1742.04	3395.88	4573.26	3628.68	1416.97	774.98
AVERAGE	12.71	10.70	7.56	7.77	11.06	67.35	56.19	109.54	143.33	117.05	47.23	25.00
MAXIMUM	19.47	12.80	8.85	19.60	52.64	182.58	171.15	333.04	328.27	255.69	74.43	32.69
MINIMUM	10.07	9.25	6.69	5.45	1.92	8.71	15.30	26.40	26.70	49.07	26.99	20.53

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 18932.23 \*\*\*\*\*  
 \*\*\*\*\* 52.30 \*\*\*\*\*  
 \*\*\*\*\* 333.04 \*\*\*\*\*  
 \*\*\*\*\* 1.92 \*\*\*\*\*



DAILY RIVER RUNOFF AT EL SARRO GAUGING STATION

YEAR : 1989

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	22.58	19.23	13.14	9.13								
2	21.20	19.23	12.88	9.13								
3	19.88	20.53	12.63	9.13								
4	19.23	19.88	12.38	9.13								
5	18.60	19.23	12.38	8.71								
6	17.67	18.60	12.38	8.30								
7	17.36	17.97	11.88	9.13								
8	17.36	17.36	11.88	8.71								
9	17.36	17.36	11.88	8.71								
10	17.36	16.76	11.88	8.71								
11	17.36	16.47	11.88	8.71								
12	16.76	16.17	11.39	8.71								
13	16.47	16.17	11.39	8.71								
14	16.17	15.60	11.39	8.71								
15	19.23	15.60	11.39	8.30								
16	19.23	15.03	10.92	8.30								
17	18.28	15.03	10.92	8.30								
18	17.36	14.75	10.92	8.30								
19	20.20	14.48	10.92	7.90								
20	19.23	14.48	10.45	7.90								
21	17.97	14.20	10.45	7.90								
22	18.60	13.93	10.00	7.90								
23	17.97	15.31	10.00	7.90								
24	17.97	15.60	10.45	7.90								
25	19.23	15.03	10.45	7.90								
26	23.30	14.48	10.45	7.90								
27	21.89	13.93	10.00	7.90								
28	23.29	13.40	9.56	8.71								
29	20.53		9.56	10.92								
30	19.55		9.13	8.50								
31	19.23		9.13									
TOTAL	588.42	455.81	344.06	256.06								
AVERAGE	18.98	16.28	11.10	8.54								
MAXIMUM	23.30	20.53	13.14	10.92								
MINIMUM	16.17	13.40	9.13	7.90								

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 1644.35 13.70 23.30 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1968

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	1.88	414.00	28.30	37.80	37.00	61.90	49.10	21.50				
2	1.88	99.90	26.60	30.40	56.80	66.50	55.80	20.00				
3	1.88	107.00	30.30	29.10	49.90	127.00	80.30	18.60				
4	1.88	106.00	150.00	23.60	36.10	118.00	89.50	17.90				
5	1.88	76.90	280.00	20.70	36.10	75.40	206.00	17.30				
6	2.35	40.70	83.30	18.60	37.00	60.50	149.00	17.30				
7	2.59	39.30	61.30	19.30	43.90	51.30	81.20	16.10				
8	4.47	30.70	72.90	24.20	91.20	44.80	65.30	17.30				
9	5.53	30.70	52.40	32.90	67.00	40.80	57.00	21.50				
10	9.85	44.30	38.90	20.70	48.60	38.00	52.30	26.60				
11	17.10	70.80	38.00	19.30	36.00	45.90	45.90	25.80				
12	10.60	293.00	45.90	24.00	48.20	39.40	41.80	22.90				
13	9.17	512.00	37.00	59.90	45.90	34.20	38.00	20.70				
14	8.23	541.00	30.70	69.80	37.00	40.80	33.20	20.00				
15	7.76	262.00	29.70	40.50	41.00	44.50	30.70	26.60				
16	6.94	128.00	30.70	28.30	92.90	43.10	29.10	28.30				
17	6.94	117.00	28.30	23.60	61.50	96.60	27.50	25.80				
18	5.88	126.00	29.70	20.70	58.50	126.00	28.30	22.90				
19	5.88	66.00	25.00	21.50	96.10	108.00	29.10	20.00				
20	21.40	84.20	22.90	20.70	178.00	243.00	26.60	18.60				
21	24.70	255.00	26.60	20.00	222.00	106.00	26.60	17.30				
22	20.40	124.00	25.80	17.90	383.00	86.90	27.50	16.10				
23	13.20	72.20	24.30	16.10	353.00	72.00	29.10	15.50				
24	9.65	54.40	23.60	16.70	176.00	142.00	28.30	18.60				
25	9.17	41.00	23.60	20.00	105.00	497.00	28.30	20.70				
26	10.10	36.10	30.70	26.60	121.00	219.00	29.10	19.30				
27	10.60	31.60	25.80	25.00	95.10	115.00	26.60	18.60				
28	12.80	29.90	22.90	20.70	71.60	85.20	24.30	16.70				
29	42.30	29.90	29.90	17.30	65.70	70.50	24.30	15.50				
30	122.00	29.10	25.00	18.60	98.20	60.50	22.20	15.50				
31	343.00	25.00	25.00	29.30	52.30	15.00	15.00	15.00				
TOTAL	751.99	392.70	1425.10	813.80	2903.30	3012.10	1482.00	614.50				
AVERAGE	24.26	129.76	45.97	26.25	96.78	97.16	49.40	19.82				
MAXIMUM	343.00	541.00	280.00	69.80	383.00	497.00	206.00	28.30				
MINIMUM	1.88	29.10	22.90	16.10	36.10	34.20	22.20	15.00				

\*\*\*\*\*  
 ANNUAL  
 \*\*\*\*\*  
 TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 \*\*\*\*\*  
 14895.49 | 60.80 | 541.00 | \*\*\*\*\*  
 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1969

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	14.40	7.76	4.83	4.12	4.20	41.40	133.00	24.40	62.20	206.00	49.00	27.90
2	15.00	7.29	4.47	3.77	3.20	126.00	124.00	23.70	61.70	104.00	47.00	27.90
3	15.50	7.76	4.47	3.77	9.30	92.50	160.00	27.20	299.00	174.00	44.00	26.50
4	16.10	10.10	5.16	4.12	13.00	55.00	262.00	24.40	350.00	176.00	37.20	24.40
5	15.00	8.70	5.88	3.77	9.50	71.40	169.00	23.00	216.00	252.00	33.20	23.70
6	15.50	8.23	5.53	3.20	8.00	247.00	99.90	28.00	141.00	243.00	30.80	21.60
7	15.50	7.76	5.53	3.30	7.50	165.00	71.40	27.20	342.00	264.00	33.20	20.00
8	16.10	7.29	5.18	3.30	7.50	73.40	69.80	29.70	214.00	183.00	34.00	19.40
9	15.00	6.94	4.47	2.83	8.00	103.00	79.60	78.60	232.00	122.00	30.80	18.80
10	14.40	6.94	4.47	2.83	7.00	530.00	72.60	85.10	150.00	130.00	29.30	18.80
11	13.20	6.94	4.83	2.83	8.00	276.00	61.40	132.00	95.90	177.00	27.20	18.20
12	12.60	6.59	4.83	2.83	7.50	101.00	72.40	140.00	82.90	144.00	26.50	18.20
13	13.20	6.23	4.83	3.06	8.91	67.50	119.00	106.00	67.00	106.00	25.10	18.20
14	12.60	6.23	4.47	3.06	18.90	90.50	59.60	81.00	55.00	507.00	24.40	18.20
15	12.60	5.88	4.12	4.47	10.50	180.00	47.80	136.00	52.00	67.80	23.00	16.50
16	12.00	5.53	3.77	7.29	12.50	281.00	39.00	275.00	70.00	75.00	22.40	16.00
17	11.50	5.88	3.77	5.18	17.10	211.00	75.00	159.00	85.20	191.00	23.00	16.00
18	10.60	5.88	3.53	3.77	18.70	195.00	47.50	106.00	90.20	161.00	25.10	18.20
19	10.10	5.53	3.53	3.53	24.70	112.00	35.60	81.80	102.00	224.00	28.60	21.80
20	11.10	5.53	3.50	3.30	16.00	75.10	35.60	67.80	164.00	161.00	32.00	23.00
21	14.40	5.53	3.77	3.53	12.00	52.10	31.60	57.00	349.00	86.00	41.00	21.20
22	12.60	5.53	5.03	5.18	24.10	47.00	32.50	66.60	581.00	79.00	33.20	19.40
23	11.50	5.53	3.53	4.12	31.70	38.00	34.80	73.10	566.00	78.40	29.30	18.20
24	10.60	5.18	3.50	4.47	39.00	45.40	30.00	148.00	320.00	68.90	27.90	17.60
25	9.65	5.18	3.30	5.18	22.40	103.00	25.80	258.00	146.00	56.00	26.50	16.50
26	9.17	5.18	3.30	7.29	16.50	97.70	23.70	120.00	122.00	55.00	25.80	16.00
27	9.17	4.83	3.53	5.53	23.00	167.00	22.40	79.80	82.80	61.10	28.60	17.00
28	8.70	4.83	3.53	9.65	51.00	151.00	21.20	80.40	80.40	72.80	30.00	16.00
29	8.70	4.12	4.12	9.17	42.80	209.00	21.20	91.20	80.70	57.00	27.90	15.00
30	8.23	4.47	4.47	7.29	26.60	112.00	21.80	83.60	234.00	52.00	25.80	14.50
31	7.76	4.47	4.47	22.20	22.20	22.20	22.40	62.20	50.00	50.00	22.60	14.00
TOTAL	382.48	180.78	133.34	135.84	531.31	4119.00	2121.60	2777.80	5552.00	4326.00	921.80	598.90
AVERAGE	12.34	6.46	4.30	4.53	17.14	137.30	68.44	89.61	185.07	141.48	30.73	19.32
MAXIMUM	16.10	10.10	5.88	9.65	51.00	530.00	262.00	275.00	581.00	507.00	49.00	27.90
MINIMUM	7.76	4.83	3.30	2.83	3.20	38.00	21.20	23.00	52.00	50.00	22.60	14.00

\*\*\*\*\*  
 | ANNUAL  
 | \*\*\*\*\*  
 | TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 | \*\*\*\*\*  
 | 21640.85 | 59.84 | 581.00 | 2.63 |  
 | \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1970

DAY#	1	2	3	4	5	6	7	8	9	10	11	12
1	14.00	9.50	7.00	5.25	7.05	11.80	21.80	199.00	120.00	208.00	54.90	18.40
2	14.00	9.50	7.00	4.90	7.05	13.50	33.50	96.40	119.00	332.00	44.10	17.80
3	13.50	8.50	6.65	6.27	12.30	25.70	71.60	71.60	104.00	305.00	44.10	16.70
4	13.00	8.50	6.30	4.55	5.74	10.70	28.00	54.90	97.90	329.00	39.80	16.10
5	13.00	8.50	5.95	4.20	4.96	14.70	19.00	47.30	88.40	651.00	37.60	15.00
6	12.50	8.00	5.95	4.20	4.51	14.10	17.80	65.10	107.00	166.00	35.80	15.00
7	13.00	7.50	5.95	3.85	4.51	10.70	25.00	65.40	160.00	111.00	34.00	18.40
8	14.50	7.50	5.95	3.85	4.51	11.00	26.20	103.00	115.00	92.50	31.30	22.80
9	14.00	7.50	5.95	3.85	4.51	9.62	21.00	134.00	114.00	96.80	29.50	20.10
10	14.00	7.50	5.60	3.85	4.32	9.08	14.60	70.60	171.00	128.00	28.60	18.40
11	14.00	8.00	5.25	4.20	4.32	7.69	13.10	67.60	124.00	97.00	27.90	17.20
12	13.50	8.00	5.60	4.20	4.94	9.03	48.40	133.00	78.70	74.30	28.60	16.10
13	12.50	8.50	5.25	4.55	7.46	10.50	40.20	47.00	61.30	62.80	32.20	16.10
14	12.00	8.00	5.95	5.88	11.30	9.74	52.70	53.20	51.00	100.00	30.40	17.20
15	12.00	7.50	6.30	12.40	7.47	14.80	36.40	44.10	44.10	86.90	33.10	16.70
16	11.50	8.00	5.95	15.00	8.07	11.80	41.20	41.90	40.80	76.40	38.70	16.70
17	11.50	12.00	5.60	13.00	23.30	13.70	34.30	50.80	41.30	56.10	36.70	22.40
18	11.50	11.00	5.60	11.50	19.10	29.90	38.60	42.00	53.20	68.80	34.00	29.90
19	11.00	10.00	5.25	10.50	10.50	46.70	40.50	33.10	214.00	87.40	30.40	22.80
20	10.00	9.00	5.25	1.00	8.36	53.10	108.00	32.20	168.00	69.40	27.90	20.10
21	10.00	8.00	4.90	9.50	7.05	40.80	48.80	35.40	290.00	54.90	25.70	19.00
22	9.50	7.50	4.90	9.00	6.27	32.90	34.00	25.00	176.00	48.40	24.20	17.80
23	9.50	8.00	4.90	8.50	5.74	22.40	28.40	26.70	147.00	45.20	23.50	16.70
24	9.50	8.50	4.90	8.00	5.48	17.60	22.80	24.80	177.00	43.70	25.00	15.50
25	9.50	7.50	4.55	7.50	12.10	15.50	22.00	69.40	111.00	45.40	25.70	14.60
26	9.50	7.50	4.55	7.50	17.20	14.60	28.80	136.00	100.00	43.00	25.00	14.10
27	9.50	8.50	4.90	7.50	22.80	12.70	72.80	188.00	120.00	46.60	23.50	14.10
28	9.50	8.00	4.90	7.00	39.70	10.80	160.00	474.00	230.00	48.20	22.00	13.60
29	9.00	9.00	4.90	7.00	20.00	12.10	100.00	215.00	407.00	42.70	21.30	13.60
30	9.00	9.00	5.60	6.65	21.20	21.20	98.30	145.00	376.00	39.70	19.60	12.70
31	9.50	9.50	5.25	19.00	19.00	462.00	462.00	194.00	56.50	12.20	12.20	12.20
TOTAL	358.00	236.00	172.55	203.43	334.79	525.06	1763.90	2955.50	4205.70	3712.70	935.10	537.80
AVERAGE	11.55	8.43	5.57	6.78	10.80	17.50	56.90	95.34	140.19	119.76	31.17	17.35
MAXIMUM	14.50	12.00	7.00	15.00	39.70	53.10	662.00	474.00	407.00	651.00	54.90	29.90
MINIMUM	8.50	7.50	4.55	1.00	4.32	7.69	13.10	24.80	40.80	39.70	19.60	12.20

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 15940.53 \*\*\*\*\*  
 \*\*\*\*\* 43.67 \*\*\*\*\*  
 \*\*\*\*\* 651.00 \*\*\*\*\*  
 \*\*\*\*\* 1.00 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1971

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	12.20	7.05	5.74	4.70	3.49	20.80	5.38	54.50	186.00	56.00	24.00	14.20
2	11.70	6.79	6.01	4.51	3.49	15.90	5.71	46.50	118.00	48.10	24.40	13.90
3	11.50	7.05	5.48	4.51	5.38	12.60	5.38	42.20	122.00	38.50	25.70	20.20
4	11.30	7.05	5.74	4.70	5.71	11.60	4.73	41.90	111.00	31.70	24.40	14.80
5	11.70	6.79	6.01	4.96	4.17	11.10	4.73	30.10	96.20	29.30	33.00	13.70
6	11.70	6.79	6.01	7.06	3.95	10.70	4.73	21.70	194.00	33.30	27.60	12.60
7	11.70	6.79	5.74	9.75	3.95	10.70	4.17	24.50	142.00	43.40	26.00	12.00
8	11.30	6.53	5.74	8.71	4.17	8.97	5.01	21.90	102.00	67.60	23.70	11.60
9	10.80	6.79	5.48	9.75	4.17	8.97	5.71	16.50	695.00	94.70	21.70	10.70
10	10.10	7.31	5.48	9.40	5.71	8.10	7.90	14.80	57.80	53.00	20.30	10.30
11	10.10	7.31	5.48	8.36	5.05	12.30	7.46	12.60	51.70	38.50	20.30	9.84
12	10.50	7.66	5.22	6.27	6.28	17.90	10.30	11.10	45.20	40.40	20.30	9.40
13	10.50	7.19	5.48	5.74	15.20	17.50	7.02	10.30	38.10	39.20	21.70	9.40
14	10.50	10.10	5.48	5.48	14.20	13.70	7.67	9.84	34.40	35.30	20.30	9.84
15	9.75	8.71	5.22	5.22	29.70	15.70	8.54	8.97	30.90	27.60	19.00	8.97
16	9.40	7.66	5.22	5.22	19.60	25.40	15.30	15.30	28.50	64.10	17.60	8.97
17	9.40	7.31	5.22	4.96	32.20	21.00	16.50	13.60	23.40	35.70	17.60	8.97
18	9.06	8.71	5.22	4.51	48.20	16.50	20.70	17.10	54.40	151.00	15.40	8.54
19	9.06	8.36	4.96	4.51	21.70	14.80	14.20	36.90	36.70	191.00	14.80	8.10
20	9.06	7.66	5.74	4.52	15.90	13.10	10.70	18.90	39.10	116.00	13.70	8.10
21	9.40	7.31	5.48	4.13	17.60	12.00	9.40	16.50	47.20	128.00	14.20	8.10
22	9.40	7.05	5.48	4.13	18.70	11.10	9.40	16.40	71.40	87.60	17.00	8.10
23	9.40	7.05	5.22	3.94	13.10	10.30	11.80	33.80	55.00	61.90	22.60	9.40
24	9.06	6.79	5.22	3.75	11.10	9.40	13.00	75.00	76.10	49.50	24.40	12.00
25	9.06	6.53	5.22	3.94	10.30	8.10	11.40	91.90	99.80	47.40	26.50	11.60
26	8.71	6.27	4.96	3.94	7.47	6.04	16.90	94.00	77.60	46.30	20.30	11.10
27	8.01	6.27	4.96	4.02	9.81	5.71	17.60	135.00	54.30	40.00	19.00	10.70
28	7.66	6.01	4.96	4.57	18.90	5.38	15.00	123.00	44.10	34.40	17.60	11.10
29	7.66		4.96	4.65	25.90	5.38	16.00	521.00	52.10	32.50	15.90	12.00
30	7.31		6.22	4.13	22.50	5.71	17.00	275.00	62.90	34.40	14.80	10.30
31	7.31		4.96		17.60		28.70	297.00		29.30		9.40
TOTAL	304.11	202.89	168.31	163.82	425.20	366.46	338.04	1741.66	2866.90	1825.70	621.80	337.93
AVERAGE	9.81	7.25	5.43	5.46	13.72	12.22	10.90	56.18	94.90	58.89	20.73	10.90
MAXIMUM	12.20	10.10	6.22	9.75	48.20	25.40	28.70	297.00	695.00	191.00	33.00	20.20
MINIMUM	7.31	6.01	4.96	3.75	3.49	5.38	4.17	8.95	23.40	27.60	13.70	8.10

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 9342.62 25.60 695.00 3.49 \*\*\*\*\*



DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1973

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	5.79	4.76	3.85	2.21	2.21	19.90	35.30	13.10	83.00	101.00	41.50	11.60
2	5.45	4.76	3.38	2.21	2.21	11.60	23.00	21.40	131.00	73.10	35.10	11.60
3	5.11	5.11	3.14	2.21	2.21	13.80	20.40	20.00	75.90	57.00	28.40	11.60
4	4.42	7.50	2.91	1.97	2.21	27.20	15.90	13.60	56.40	47.70	28.40	11.60
5	5.11	7.95	3.14	2.76	2.21	17.60	13.10	17.00	51.80	60.20	27.60	11.10
6	4.76	6.40	3.14	5.50	2.21	13.10	11.60	15.90	38.10	88.20	25.20	10.70
7	4.42	7.16	3.14	2.44	2.21	9.75	10.70	14.80	30.70	157.00	24.40	10.20
8	4.42	6.82	3.14	2.21	2.44	7.95	9.30	13.10	26.00	187.00	24.40	12.50
9	4.76	6.47	2.91	2.44	2.21	7.52	8.40	14.20	25.00	105.00	22.40	12.60
10	4.76	6.13	2.91	2.91	2.68	6.47	7.50	15.30	24.40	102.00	20.30	12.60
11	4.42	5.79	2.91	4.42	2.68	7.16	7.83	15.90	22.30	97.70	20.30	11.60
12	4.42	5.79	2.91	3.14	3.36	6.82	13.90	12.60	22.00	139.00	19.60	11.10
13	5.11	5.45	2.91	2.91	3.38	7.95	17.60	13.10	36.40	213.00	18.30	11.10
14	5.45	5.11	2.68	2.68	2.21	18.90	10.70	13.90	56.60	111.00	17.00	10.70
15	5.79	5.11	2.44	2.68	3.61	54.00	8.85	19.00	47.20	85.70	21.00	10.20
16	5.79	4.76	2.44	2.44	5.44	17.00	8.85	13.70	82.80	64.20	19.60	9.75
17	6.82	4.42	2.44	2.21	4.08	74.40	7.95	10.70	43.10	50.40	17.40	9.30
18	6.82	4.42	2.44	2.21	4.08	81.70	16.10	9.30	30.20	43.60	15.90	8.85
19	6.47	4.42	2.68	1.97	5.33	57.50	27.30	26.30	49.20	41.60	15.90	8.40
20	6.13	4.42	2.68	1.97	22.10	34.90	18.90	19.60	96.70	36.90	14.80	7.95
21	5.11	4.08	2.44	2.21	29.80	35.70	18.10	17.60	105.00	31.50	13.70	8.40
22	5.11	4.08	2.21	4.97	63.70	27.60	25.70	17.90	76.30	30.70	20.00	8.40
23	5.11	4.08	2.21	4.76	84.10	20.30	29.00	26.20	52.80	126.00	15.90	7.50
24	5.45	3.85	2.21	3.58	42.60	15.40	35.70	33.50	41.50	80.10	14.20	7.95
25	5.11	3.85	1.97	2.68	17.40	13.10	84.40	46.70	46.80	52.50	13.10	7.50
26	5.11	3.61	1.97	2.21	11.60	19.40	48.10	85.40	33.80	131.00	13.10	7.16
27	5.11	3.61	2.21	2.21	8.85	32.00	29.90	48.60	27.30	72.40	11.60	6.82
28	5.11	5.45	2.21	16.30	7.95	37.60	23.70	83.60	36.70	52.80	11.60	6.82
29	5.45	5.45	2.21	9.27	10.80	25.70	19.60	202.00	36.00	87.20	11.60	6.47
30	5.79	5.79	2.21	9.96	13.10	54.90	17.00	112.00	37.80	64.90	11.10	6.13
31	5.11	5.11	2.21	2.21	21.90	15.40	15.40	116.00	49.70	49.70	11.10	6.13
TOTAL	163.79	147.36	82.25	111.21	391.10	936.92	639.78	1108.00	1523.80	2660.10	593.40	294.33
AVERAGE	5.28	5.26	2.65	3.71	12.62	31.23	20.64	35.74	50.79	65.16	19.78	9.49
MAXIMUM	6.82	9.40	3.85	16.30	84.10	177.00	84.40	202.00	131.00	213.00	41.50	12.60
MINIMUM	4.42	3.61	1.97	1.97	2.21	6.47	7.50	9.30	22.00	30.70	11.10	6.13

\*\*\*\*\* ANNUAL \*\*\*\*\*

\*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*

\*\*\*\*\* 8632.04 23.65 213.00 1.97 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1974

DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.13	4.08	4.76	2.21	3.04	19.30	81.80	17.00	31.70	98.00	92.50	18.30
2	6.24	4.08	4.42	2.21	2.81	101.00	55.00	14.80	26.80	68.10	62.80	26.80
3	7.81	4.08	4.42	1.97	2.58	85.80	64.00	13.10	24.40	107.00	56.30	25.20
4	6.47	4.08	4.76	1.97	3.13	31.10	39.30	15.80	28.20	392.00	47.40	22.40
5	6.30	3.85	4.42	1.97	2.49	17.00	28.50	18.70	23.00	204.00	40.00	21.00
6	7.76	3.85	4.42	1.97	3.95	13.10	23.00	20.40	20.30	126.00	47.60	19.60
7	6.82	3.41	4.08	2.21	7.28	10.70	19.60	22.80	43.50	103.00	33.40	17.60
8	7.36	3.61	4.08	2.44	7.02	8.97	17.00	15.40	109.00	79.20	30.90	17.00
9	5.79	3.85	4.08	2.21	4.73	7.67	16.80	12.60	124.00	66.70	28.50	16.50
10	5.45	5.56	4.08	2.44	3.72	7.67	17.10	14.00	72.90	57.80	26.80	16.50
11	5.45	5.79	4.08	2.68	3.27	7.34	18.00	13.20	59.10	51.70	26.90	15.90
12	5.79	4.76	4.08	2.91	3.04	6.69	15.90	27.90	107.00	51.10	24.40	15.40
13	5.45	4.42	3.85	2.68	3.04	7.02	14.20	32.70	72.70	60.40	24.40	15.90
14	5.79	4.08	3.61	2.68	8.90	11.40	14.20	25.70	70.20	65.30	23.70	15.40
15	5.65	4.08	4.42	2.44	7.29	36.00	18.60	30.50	53.30	62.30	22.40	14.20
16	5.45	4.08	3.61	2.21	7.05	38.80	15.00	33.20	47.80	70.20	21.00	14.20
17	5.45	4.08	3.61	1.97	6.80	114.00	11.60	29.90	34.40	136.00	20.30	14.20
18	5.79	4.08	4.08	2.21	24.40	75.20	11.30	30.80	117.00	75.80	22.50	13.70
19	5.79	3.85	4.08	2.21	20.50	38.00	26.00	28.10	366.00	64.10	27.90	13.10
20	5.11	3.85	3.85	2.21	19.50	30.70	32.20	26.80	469.00	55.30	31.70	12.60
21	5.11	3.61	3.85	2.44	50.00	61.20	43.10	21.00	554.00	48.40	31.90	12.00
22	5.11	3.61	3.38	2.68	64.70	69.30	31.40	17.00	173.00	46.30	29.30	12.60
23	4.66	3.38	3.14	2.44	51.80	43.50	115.00	21.00	171.00	54.90	25.20	12.60
24	4.42	3.38	2.91	2.21	72.00	30.50	62.70	20.80	124.00	75.20	23.00	12.60
25	4.42	3.61	3.14	2.21	25.30	22.40	38.10	32.50	92.20	72.30	21.70	12.00
26	5.11	3.85	2.91	2.21	14.20	20.60	30.10	129.00	107.00	61.60	21.70	12.00
27	5.11	6.82	2.91	2.21	10.30	39.20	23.00	112.00	233.00	52.80	20.30	11.60
28	4.76	5.79	2.68	2.21	8.54	98.70	19.00	101.00	102.00	46.30	19.60	11.10
29	4.42	6.07	2.44	2.91	7.34	60.70	19.30	82.70	83.40	51.30	19.00	11.10
30	4.62	6.69	2.21	2.91	6.69	62.70	19.50	46.30	98.90	95.50	17.60	11.10
31	4.42	6.69	2.21	1.97	2.13	6.69	11.50	12.60	20.30	46.30	17.60	11.10
TOTAL	174.01	117.57	114.57	70.23	454.41	1174.26	956.80	1047.30	3638.80	2709.60	940.70	475.30
AVERAGE	5.61	4.20	3.70	2.34	15.15	39.14	30.86	33.78	121.29	87.41	31.36	15.33
MAXIMUM	7.81	6.82	4.76	2.91	72.00	114.00	115.00	129.00	554.00	392.00	92.50	26.80
MINIMUM	4.42	3.38	2.21	1.97	2.13	6.69	11.50	12.60	20.30	46.30	17.60	11.10

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 11873.55 \*\*\*\*\*  
 \*\*\*\*\* 32.62 \*\*\*\*\*  
 \*\*\*\*\* 554.00 \*\*\*\*\*  
 \*\*\*\*\* 1.97 \*\*\*\*\*



DAILY RIVER RUNOFF AT GUADAMAYA GAUGING STATION

YEAR : 1975

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	10.30	12.60	6.69	3.72	3.04	10.30	8.10	7.40	41.60	116.00	585.00	30.90
2	10.30	12.00	6.69	3.49	3.27	10.80	10.40	8.50	96.50	119.00	346.00	30.10
3	11.10	11.10	6.69	3.27	3.27	29.80	11.10	7.34	60.30	97.40	425.00	29.30
4	14.90	10.70	6.69	3.49	3.49	19.30	10.30	5.71	74.80	86.50	418.00	28.50
5	13.20	10.30	6.69	3.27	3.49	15.80	9.22	5.05	205.00	87.20	258.00	27.60
6	10.70	9.40	6.36	3.27	3.49	15.60	16.20	4.40	76.50	70.80	171.00	27.60
7	10.70	6.97	6.36	3.49	3.27	33.20	9.60	5.70	145.00	61.60	146.00	27.80
8	10.30	6.10	6.04	3.48	3.27	42.80	10.30	5.60	341.00	56.60	140.00	28.50
9	9.40	8.10	6.36	3.49	3.27	25.40	8.10	8.33	311.00	56.30	228.00	26.80
10	8.97	8.10	6.36	3.27	3.04	15.90	6.69	7.84	200.00	51.70	131.00	25.20
11	8.54	8.10	6.04	3.27	3.04	12.60	6.04	6.04	164.00	99.40	112.00	24.40
12	8.54	8.10	6.04	3.27	3.04	10.70	5.38	5.84	179.00	78.00	88.00	23.70
13	8.54	7.67	5.71	3.27	3.27	10.30	4.73	6.04	144.00	113.00	75.00	21.70
14	10.70	7.67	5.71	3.27	4.22	8.54	4.73	4.73	81.60	128.00	68.10	21.00
15	10.30	7.34	5.71	3.27	8.02	8.54	4.73	4.17	61.60	92.40	60.30	20.30
16	9.84	7.02	5.38	3.27	26.10	8.54	4.40	8.36	61.80	84.90	54.10	19.60
17	9.40	7.02	5.05	3.27	22.00	8.40	5.88	7.69	61.00	75.60	51.70	19.00
18	9.40	7.02	5.05	3.27	11.50	6.04	4.17	11.70	57.80	117.00	49.50	18.30
19	9.40	6.69	5.05	3.27	10.30	5.05	3.72	9.84	64.80	185.00	45.20	17.60
20	9.40	6.69	5.05	3.04	7.34	8.01	3.49	9.40	57.80	123.00	46.30	17.60
21	9.84	6.36	4.73	3.04	6.69	14.20	3.75	8.54	63.60	84.80	43.00	18.30
22	9.40	6.36	4.40	3.04	6.04	6.36	4.78	9.40	358.00	66.70	47.40	19.60
23	9.40	6.36	4.40	3.04	7.04	7.67	5.13	18.10	609.00	56.60	45.20	19.00
24	10.30	6.36	4.17	3.27	8.54	6.04	17.90	13.00	800.00	49.50	45.20	17.60
25	9.40	7.34	4.17	3.04	9.29	7.01	30.90	9.84	360.00	46.20	41.90	18.30
26	8.97	7.02	4.17	3.27	1.31	10.30	21.40	9.84	230.00	54.80	39.10	17.00
27	10.30	6.69	4.17	3.27	22.60	7.17	10.70	7.02	172.00	60.30	37.20	15.90
28	8.97	6.69	3.95	3.04	40.60	13.30	9.09	10.30	105.00	51.00	37.20	14.80
29	9.40	6.69	4.17	3.04	34.80	13.70	6.69	11.30	75.00	59.10	35.30	14.80
30	8.97	6.69	3.95	3.04	23.30	9.84	5.71	11.80	74.10	121.00	32.50	14.20
31	13.70	6.10	3.72	3.04	1.31	5.05	5.05	11.80	299.00	299.00	14.80	14.80
TOTAL	312.58	221.87	165.72	97.58	305.04	401.21	268.38	260.62	5331.80	2848.40	3922.20	669.80
AVERAGE	10.08	7.92	5.35	3.25	9.84	13.37	8.66	8.41	177.73	91.88	130.74	21.61
MAXIMUM	14.90	12.60	6.69	3.72	40.60	42.80	30.90	18.10	800.00	299.00	585.00	30.90
MINIMUM	8.54	6.10	3.72	3.04	1.31	5.05	3.49	4.17	41.60	46.20	32.50	14.20

ANNUAL

TOTAL	14805.20
AVERAGE	40.56
MAXIMUM	800.00
MINIMUM	1.31

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1976

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	13.70	12.00	8.10	5.05	12.40	13.00	81.70	19.30	33.70	51.00	29.90	16.90
2	13.70	11.60	7.69	4.73	12.50	14.10	72.80	28.30	37.10	192.00	28.30	17.50
3	13.10	11.60	7.34	5.05	12.50	21.20	68.70	30.80	35.10	70.00	26.60	19.00
4	12.60	10.70	7.67	4.73	10.10	65.30	58.10	29.90	30.50	61.90	23.60	32.50
5	11.60	10.70	7.34	4.73	11.00	231.00	54.40	27.40	35.20	55.60	22.20	28.30
6	12.00	10.70	7.34	4.73	9.66	183.00	94.20	23.60	36.20	54.70	20.80	27.40
7	12.60	10.30	7.34	4.40	8.01	161.00	110.00	20.80	27.40	107.00	22.40	24.30
8	12.60	9.84	7.34	5.38	7.25	344.00	81.80	19.40	23.60	178.00	40.10	21.50
9	11.60	10.30	7.02	9.40	7.25	222.00	64.50	22.20	21.50	121.00	39.10	24.30
10	11.60	9.84	6.69	8.97	6.54	386.00	55.60	21.00	21.50	404.00	33.40	26.60
11	12.60	9.84	6.69	6.04	6.20	478.00	53.20	19.20	20.10	140.00	30.80	27.40
12	12.00	8.97	6.69	18.20	5.87	466.00	49.70	80.30	19.40	95.00	28.30	26.60
13	12.60	9.40	6.69	10.20	5.87	392.00	45.30	37.30	18.10	71.40	25.90	25.90
14	11.60	8.97	6.69	6.36	5.24	150.00	42.10	35.50	24.60	60.60	25.10	24.30
15	11.60	9.40	6.69	6.04	6.93	95.30	41.10	29.10	23.90	55.60	31.50	24.30
16	11.10	9.84	6.36	5.71	7.63	67.60	39.10	24.30	19.40	55.60	25.90	22.20
17	10.70	8.97	6.04	5.71	10.10	55.20	32.50	22.90	17.80	172.00	22.90	22.20
18	10.70	8.97	6.04	5.71	19.10	93.10	28.30	19.40	22.30	205.00	20.80	21.50
19	11.60	8.54	6.04	2.77	50.60	304.00	30.00	18.80	22.30	127.00	20.80	21.50
20	11.60	8.10	5.71	14.40	15.40	251.00	30.80	18.80	18.10	86.70	19.40	20.80
21	12.60	8.10	5.38	9.84	11.00	223.00	28.30	17.50	15.20	90.40	18.80	20.10
22	19.00	8.10	5.71	8.97	12.00	286.00	26.60	16.70	18.30	66.30	18.10	22.20
23	23.00	8.10	5.71	8.10	17.70	164.00	26.90	20.10	14.00	74.20	18.10	20.80
24	19.60	8.10	5.71	7.60	18.80	127.00	27.30	22.70	22.70	67.20	18.10	18.80
25	17.00	8.54	5.38	7.47	11.00	294.00	29.70	24.40	21.60	59.30	18.10	20.80
26	15.90	8.54	5.38	7.80	20.80	315.00	25.80	24.20	39.60	56.80	17.50	20.10
27	14.20	8.97	5.38	9.39	17.90	315.00	22.90	26.90	43.80	50.50	16.90	20.80
28	12.60	8.97	5.38	14.40	12.00	183.00	23.50	25.80	24.00	40.10	15.20	19.40
29	12.60	8.97	5.38	9.40	16.20	124.00	22.20	55.20	25.50	37.10	15.20	18.80
30	12.60	8.97	5.38	7.67	14.20	93.60	19.40	78.00	42.30	33.40	15.20	16.90
31	12.60	8.10	5.05	18.50	18.50	18.50	18.10	52.90	16.90	31.60	15.20	16.90
TOTAL	412.90	274.97	197.35	288.95	380.25	6117.40	1404.60	912.70	774.80	2991.00	709.00	690.60
AVERAGE	13.32	9.48	6.37	7.63	12.27	203.91	45.31	29.44	25.83	96.48	23.63	22.28
MAXIMUM	23.00	12.00	8.10	18.20	30.60	478.00	110.00	80.30	43.80	404.00	40.10	32.50
MINIMUM	10.70	8.10	5.05	2.77	5.24	13.00	18.10	16.70	14.00	31.60	15.20	16.90

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 15094.52 \*\*\*\*\*  
 \*\*\*\*\* 41.34 \*\*\*\*\*  
 \*\*\*\*\* 478.00 \*\*\*\*\*  
 \*\*\*\*\* 2.77 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1977

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	15.70	7.25	6.54	4.11	5.63	487.00	16.20	30.30	13.00	33.30		
2	15.70	7.25	7.25	4.38	7.02	259.00	19.90	29.50	16.50	26.70		
3	15.20	6.89	6.89	4.38	9.11	72.20	18.50	19.80	17.70	26.20		
4	14.00	6.89	5.87	4.66	8.51	49.50	31.60	16.20	20.50	42.30		
5	13.00	6.89	5.55	4.11	10.80	109.00	36.60	16.70	16.20	37.60		
6	12.00	6.89	5.55	3.60	11.20	425.00	24.90	16.10	13.10	22.40		
7	11.50	7.25	5.55	4.11	8.51	216.00	20.60	14.50	12.20	18.60		8.15
8	11.00	7.25	5.55	4.94	10.30	99.10	20.60	15.20	17.70	16.20		8.15
9	11.00	6.89	5.55	5.55	12.70	92.20	14.60	16.90	25.30	14.60		7.80
10	10.50	6.89	5.55	5.55	15.70	59.00	13.10	22.50	15.70	13.60		8.01
11	10.50	6.89	5.24	5.55	10.50	47.20	12.20	21.80	13.10	22.70		8.15
12	10.10	6.54	5.24	5.24	8.65	40.90	11.30	18.00	12.70	41.70		12.80
13	10.10	6.89	5.24	5.24	10.00	31.60	10.50	16.20	12.90	17.40		12.30
14	9.66	7.25	5.24	4.94	7.66	28.70	10.00	15.90	10.50	17.40		9.25
15	9.66	6.54	4.94	4.66	6.50	46.60	17.90	14.60	9.64	14.60		8.51
16	10.10	6.54	4.38	4.38	5.63	45.00	19.20	14.10	11.10	13.10		8.15
17	10.50	7.25	4.38	6.32	9.82	37.90	16.20	21.50	14.60	12.70		7.80
18	11.00	7.25	4.38	8.40	8.57	31.60	12.20	16.90	15.70	11.70		7.46
19	11.50	6.89	4.38	6.89	7.13	31.60	11.90	14.10	45.00	10.90		7.80
20	10.50	7.25	4.38	6.89	10.30	29.30	10.50	12.70	30.70	12.10		7.46
21	9.66	7.25	4.38	5.55	6.81	28.70	18.00	11.30	22.60	12.20		6.81
22	10.10	7.25	4.66	4.94	5.63	26.00	24.40	10.90	17.40	11.00		13.10
23	9.23	6.54	4.38	5.24	5.36	22.40	19.30	10.90	15.40	11.30		10.50
24	8.81	6.20	4.38	7.37	5.09	39.40	15.50	14.80	44.90	11.70		9.25
25	8.81	5.87	4.11	6.20	4.84	21.30	14.10	26.80	90.20	10.50		8.87
26	8.81	5.87	4.38	6.20	7.30	23.40	13.70	23.10	60.60	16.10		8.51
27	9.23	5.87	4.11	5.55	6.01	31.60	16.30	18.00	44.30	27.30		7.80
28	8.81	5.87	4.38	4.66	12.00	32.00	16.30	15.20	77.60	57.70		8.15
29	8.01		4.38	4.66	17.70	23.10	20.20	15.20	99.20	20.40		7.80
30	7.63		4.11	6.11	59.60	19.20	23.70	12.20	49.50	21.90		7.46
31	7.63		4.11		108.00		34.40	12.10		18.60		7.13
TOTAL	329.95	190.35	154.68	160.38	423.38	2505.150	564.40	534.00	865.34	644.50		217.17
AVERAGE	10.64	6.80	4.99	5.35	13.63	83.52	18.21	17.23	28.84	20.79		8.69
MAXIMUM	15.70	7.25	7.25	8.40	108.00	487.00	36.60	30.30	99.20	57.70		13.10
MINIMUM	7.63	5.87	4.11	3.60	4.84	19.20	10.00	10.90	9.64	10.50		6.81

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 658.65 20.03 487.00 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

*DAY*	YEAR : 1978											
	1	2	3	4	5	6	7	8	9	10	11	12
1	6.81	13.60	5.36	5.36	48.34	43.01	29.32	16.89	35.23	77.92	27.99	13.21
2	6.81	11.70	5.09	5.09	24.49	44.60	55.67	24.91	62.46	74.76	39.12	12.08
3	8.30	10.50	4.84	5.09	9.30	33.33	33.76	43.44	88.67	62.45	28.10	11.26
4	23.30	12.20	4.84	4.84	7.18	40.00	26.40	35.19	201.90	48.20	24.80	10.73
5	10.50	12.70	4.84	4.84	6.75	28.57	23.10	38.78	256.40	37.04	22.88	10.22
6	9.25	13.10	5.36	4.84	6.35	49.41	18.21	35.02	223.60	79.76	21.38	9.71
7	8.87	12.70	5.09	4.84	7.67	57.79	17.88	35.78	138.50	36.62	19.95	9.46
8	8.51	10.50	4.84	4.59	8.06	43.78	20.86	30.61	105.50	31.09	25.96	9.22
9	8.87	9.25	5.36	4.35	14.53	54.83	19.24	28.47	88.92	26.45	19.61	11.63
10	9.25	8.51	5.09	4.35	12.43	31.17	19.53	22.50	62.59	22.51	17.23	11.52
11	8.51	8.15	4.84	4.35	10.31	71.40	18.55	19.24	49.50	29.09	16.24	12.65
12	7.80	7.80	4.84	4.12	15.93	16.25	17.21	17.88	42.02	24.90	15.92	15.66
13	7.46	7.80	5.09	4.12	14.20	18.55	16.56	17.21	37.99	25.39	15.60	18.92
14	8.15	7.13	4.84	4.12	9.96	20.30	19.94	24.97	34.26	29.41	15.29	25.23
15	8.51	7.13	4.59	4.84	24.24	56.31	19.94	21.39	30.19	66.22	19.79	22.91
16	8.15	6.50	4.35	4.59	22.31	56.85	28.89	24.80	27.24	127.40	17.60	19.61
17	7.46	6.50	4.35	4.35	18.07	31.06	36.66	25.59	24.42	282.60	14.69	17.88
18	6.81	5.91	4.84	3.90	12.95	24.75	168.70	26.00	22.50	99.92	13.21	16.57
19	6.20	5.91	5.09	3.68	10.25	28.05	81.04	24.80	21.28	68.85	12.92	14.69
20	6.50	6.20	6.50	3.48	8.52	24.03	50.51	23.64	25.18	56.92	14.09	13.21
21	6.81	6.20	6.50	3.68	7.40	28.05	50.51	27.43	29.35	47.38	16.26	12.35
22	7.46	7.80	5.91	12.20	6.35	23.64	89.51	38.78	29.84	40.01	16.89	11.53
23	7.13	7.13	5.63	11.70	5.75	22.50	67.68	70.16	25.08	34.70	37.93	10.73
24	6.81	6.20	5.63	7.80	7.42	18.90	51.65	61.24	32.97	30.64	30.41	10.47
25	6.50	5.91	5.36	6.20	5.01	16.67	36.85	68.91	27.64	27.24	20.67	10.47
26	6.81	5.91	5.36	5.36	5.20	14.98	40.58	63.22	69.66	30.18	18.24	10.22
27	8.15	6.20	5.36	5.36	5.38	14.68	29.75	59.08	106.40	38.97	16.88	9.71
28	7.46	5.91	5.63	5.09	4.84	13.49	25.99	44.41	88.37	28.94	15.93	8.98
29	9.28		5.36	4.59	14.10	21.04	23.25	47.57	55.05	24.44	14.98	8.51
30	23.20		4.84	4.35	15.93	22.87	21.75	37.84	80.52	21.75	14.38	8.28
31	17.40		4.84		73.05		22.50	44.43		23.30		8.05
TOTAL	283.03	235.05	160.46	156.07	442.27	970.86	1181.99	1100.08	2123.13	1634.55	604.94	395.67
AVERAGE	9.13	8.39	5.18	5.20	14.27	32.36	38.13	35.49	70.77	52.73	20.16	12.76
MAXIMUM	23.30	13.60	6.50	12.20	73.05	71.40	168.70	70.16	256.40	262.60	39.12	25.23
MINIMUM	6.20	5.91	4.35	3.48	4.84	13.49	16.56	16.89	21.38	21.75	12.92	8.05

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 |\*\*\*\*\* AVERAGE | MAXIMUM | MINIMUM |  
 |\*\*\*\*\* TOTAL | 9289.10 | 25.45 | 202.60 | 3.48 |  
 |\*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGINGS STATION

YEAR : 1979

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	8.28	4.15	3.99	3.83	9.81	10.70	167.40	42.56	58.73	104.90	29.29	20.45
2	8.05	3.49	3.67	3.67	16.38	10.85	154.30	40.47	52.41	98.28	27.98	20.82
3	7.82	3.85	3.58	3.58	10.54	66.44	123.70	39.98	40.83	124.80	27.57	25.20
4	8.05	3.83	3.53	3.23	8.07	68.23	83.00	48.33	47.62	133.90	25.09	27.71
5	8.05	3.83	3.83	3.23	7.61	66.52	96.91	40.19	61.48	111.90	23.88	29.55
6	7.61	3.83	3.83	7.95	6.95	59.97	158.30	32.02	105.60	84.14	22.70	23.90
7	6.96	3.83	2.67	2.80	7.94	65.21	154.10	27.14	148.20	102.00	24.69	21.20
8	6.96	3.67	3.83	2.80	8.00	73.89	88.74	27.99	125.40	83.60	25.48	20.08
9	6.96	3.52	3.67	2.80	18.11	96.45	69.00	29.73	151.10	130.20	23.90	20.08
10	6.96	5.17	3.38	2.42	13.45	81.57	57.10	38.79	136.70	208.20	21.56	20.08
11	7.17	4.83	3.23	2.17	11.17	79.82	48.68	29.53	109.40	281.90	20.45	18.65
12	6.96	5.01	3.38	2.29	22.71	68.55	42.19	25.80	172.10	322.50	20.45	17.95
13	6.54	5.19	3.38	2.54	14.68	52.42	39.86	30.12	195.40	277.80	23.62	18.65
14	6.34	5.38	3.23	2.67	104.00	60.37	33.96	32.12	117.50	304.20	32.66	29.90
15	6.34	5.19	3.23	2.54	25.09	174.00	28.31	43.48	86.52	164.90	33.64	28.73
16	6.14	4.33	3.23	2.42	27.16	93.47	24.29	34.60	71.35	117.80	29.31	23.49
17	5.94	3.83	3.38	6.26	19.42	59.39	23.11	258.00	64.52	92.45	26.31	21.56
18	5.94	3.99	3.38	7.94	14.36	42.63	24.20	130.10	67.85	80.25	24.68	20.08
19	5.75	4.31	3.73	38.10	11.71	41.64	34.37	70.43	57.99	70.58	23.09	29.88
20	5.38	4.83	3.23	18.43	9.30	45.42	35.14	86.70	47.56	66.44	21.56	28.04
21	5.19	5.01	6.62	8.61	8.56	37.01	63.85	114.60	43.21	80.88	20.08	23.49
22	5.19	4.65	6.55	10.87	7.39	44.42	90.17	98.90	56.68	72.11	19.00	21.20
23	5.19	4.15	5.21	33.00	6.30	48.01	61.10	81.85	61.51	199.60	18.30	19.37
24	4.83	3.83	4.15	28.79	8.28	63.52	76.37	62.91	81.27	61.21	17.61	18.30
25	4.48	3.83	3.67	16.40	5.30	57.17	55.88	50.22	79.81	61.21	16.93	17.95
26	4.31	4.15	3.38	11.58	5.30	43.26	43.62	45.04	60.86	51.63	16.27	19.13
27	3.99	4.31	3.08	10.74	6.10	37.87	62.86	48.40	42.22	46.43	15.95	18.65
28	3.99	4.15	3.23	18.39	6.68	35.23	79.99	42.53	37.15	41.66	14.35	16.93
29	4.31	4.31	3.83	22.45	6.47	40.43	46.94	45.36	64.82	37.15	18.63	15.95
30	4.48	4.48	5.36	19.59	10.99	78.56	38.67	54.27	80.19	33.80	19.36	14.98
31	4.31	4.31	4.51	11.25	11.25	33.19	33.19	60.71	60.71	31.50	14.35	14.67
TOTAL	188.47	120.12	119.93	301.94	449.88	1803.02	2139.30	1862.87	2525.78	3697.92	684.39	666.62
AVERAGE	6.08	4.29	3.87	10.06	14.51	60.10	69.01	60.09	84.19	119.29	22.81	21.50
MAXIMUM	8.28	5.38	6.62	38.10	104.00	174.00	167.40	258.00	195.40	322.50	33.64	29.90
MINIMUM	3.99	3.49	3.08	2.17	5.30	10.70	23.11	25.80	37.15	31.50	14.35	14.67

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 14560.24 39.89 322.50 2.17 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1980

DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	14.04	6.73	4.39	3.40	3.97	12.13	99.92	33.09	15.36	104.90	68.16	17.64
2	14.35	6.73	4.21	3.09	3.84	81.11	50.34	30.64	14.76	159.10	42.99	16.97
3	13.44	7.83	5.14	3.24	3.71	49.53	17.31	43.96	13.57	210.00	35.15	15.99
4	12.55	9.06	4.75	3.83	4.96	76.08	15.07	45.18	12.45	158.80	32.09	17.10
5	13.65	8.30	4.21	4.04	4.84	80.59	36.84	65.85	12.17	100.30	39.05	15.99
6	15.30	7.39	4.21	3.71	5.17	50.62	34.82	85.82	19.99	88.62	44.02	15.99
7	14.98	6.95	4.05	3.39	4.54	32.95	30.96	38.92	13.11	83.75	52.30	15.68
8	14.04	6.52	3.71	3.24	3.84	22.82	45.86	51.20	27.91	105.30	50.99	16.97
9	13.44	6.10	3.88	3.09	4.27	20.25	34.89	50.61	51.06	101.60	41.76	18.33
10	12.55	6.31	4.04	3.09	3.58	16.67	22.82	42.92	58.44	90.15	36.20	16.99
11	11.98	6.52	3.55	3.74	3.71	68.17	24.55	48.32	335.50	104.80	31.62	24.19
12	11.70	6.10	3.24	6.15	3.71	118.50	122.10	41.22	694.30	78.04	28.34	32.22
13	11.42	5.90	3.09	5.50	3.33	292.90	84.17	52.92	564.60	64.20	25.68	30.71
14	11.14	5.70	3.09	5.12	2.97	349.90	45.81	29.81	362.20	73.52	23.60	28.33
15	10.60	5.31	3.09	4.93	3.09	447.10	37.55	25.25	238.40	92.04	21.62	26.55
16	10.60	5.11	3.09	4.56	2.98	205.00	24.86	33.09	147.20	90.97	21.24	23.61
17	10.07	5.11	3.39	4.75	7.65	104.90	20.54	31.20	187.40	72.83	20.11	20.87
18	9.55	5.31	3.39	5.64	2.86	63.63	16.99	26.58	109.90	68.86	20.11	18.68
19	0.95	5.50	3.39	10.44	3.09	55.12	30.15	56.06	118.50	61.28	19.38	16.97
20	1.03	5.11	3.24	7.83	2.76	66.42	34.83	44.78	84.09	59.51	22.22	15.99
21	9.81	4.93	3.09	7.17	2.54	61.85	26.63	61.56	62.84	108.80	21.62	16.64
22	9.55	4.74	3.09	6.31	39.51	53.44	92.25	65.00	55.58	76.90	20.87	15.99
23	8.81	4.56	3.09	5.71	31.86	54.64	166.10	42.66	47.17	59.62	21.55	15.99
24	8.56	4.39	3.24	4.56	9.80	107.90	234.40	34.26	49.28	74.08	48.87	16.64
25	8.30	4.56	3.24	4.05	15.76	66.55	144.30	27.08	42.87	75.77	39.83	20.74
26	7.83	4.39	3.09	3.40	33.32	66.59	74.85	22.41	48.71	72.20	25.14	25.25
27	7.83	4.21	3.24	3.24	15.65	36.81	59.92	58.52	67.58	59.99	18.68	23.60
28	8.03	5.43	3.09	8.76	17.35	30.21	48.42	36.85	68.71	42.87	17.98	21.63
29	7.62	4.93	2.80	6.22	17.85	26.13	49.22	20.15	116.30	37.79	17.98	20.12
30	7.18	2.96	2.96	4.39	11.93	23.20	43.46	17.31	81.07	41.23	17.98	18.33
31	6.73	4.21	3.55	3.09	11.15	12.13	33.68	16.00	12.17	88.85	17.98	16.97
TOTAL	317.63	169.73	109.63	146.59	285.59	2721.71	1803.81	1279.02	3721.02	2706.67	927.25	617.67
AVERAGE	10.25	5.85	3.54	4.89	9.21	90.72	58.18	41.26	124.03	87.31	30.91	19.92
MAXIMUM	15.30	9.06	5.14	10.44	39.51	447.10	234.40	85.62	694.30	210.00	68.18	32.22
MINIMUM	0.95	4.21	2.80	3.09	2.54	12.13	15.07	16.00	12.17	37.79	17.98	15.68

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 14806.12 40.45 694.30 0.95 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1981

DAY#	1	2	3	4	5	6	7	8	9	10	11	12
1	16.64	7.28	7.28	4.53	3.80	21.13	73.29	30.52	224.57	105.92	52.42	13.41
2	15.99	7.28	6.89	4.25	3.80	19.06	76.01	25.50	121.37	282.75	46.29	12.36
3	15.36	7.28	6.70	4.11	3.80	14.47	49.95	23.91	103.23	345.65	41.72	11.85
4	14.45	8.12	6.52	3.97	4.86	12.26	35.42	20.93	131.10	132.61	36.43	12.36
5	14.75	8.96	5.98	3.70	4.86	47.72	29.76	17.54	74.83	109.86	31.58	13.41
6	15.68	9.66	5.81	3.70	7.12	27.09	25.50	16.29	74.95	119.84	29.76	18.85
7	15.37	10.26	5.81	3.70	7.87	27.04	24.70	18.04	83.79	100.31	28.01	16.91
8	13.86	8.09	5.81	3.70	6.09	18.85	22.99	32.14	70.49	226.27	27.15	15.69
9	13.56	7.69	5.81	5.16	5.15	71.30	22.93	23.14	89.01	122.17	25.50	15.69
10	12.44	6.90	4.68	4.11	4.31	84.81	25.79	18.19	63.68	98.86	23.91	17.54
11	12.44	6.34	5.81	3.97	4.05	43.64	26.74	20.34	61.57	118.71	23.14	18.19
12	12.44	6.16	5.81	4.39	3.80	44.27	23.14	41.25	94.59	94.11	23.14	16.29
13	12.44	6.16	5.48	5.17	3.80	42.58	91.55	45.75	67.08	67.66	20.93	15.10
14	11.90	6.52	4.99	4.39	3.56	46.96	70.59	37.37	91.84	57.68	20.22	15.10
15	11.12	6.70	4.83	6.09	3.80	65.81	43.39	96.29	136.78	53.71	18.85	14.52
16	10.36	7.28	5.15	5.32	3.33	47.58	38.49	184.51	323.19	52.42	18.85	13.41
17	10.36	6.52	5.31	4.83	3.33	38.53	31.58	86.59	160.81	52.42	18.19	18.19
18	10.36	6.52	36.19	6.80	3.56	47.89	30.02	60.43	103.99	51.16	16.91	11.36
19	9.88	7.10	32.09	6.72	3.56	59.54	76.28	76.28	78.66	51.16	16.91	11.36
20	9.65	15.50	11.44	5.81	3.56	56.96	23.91	55.05	43.26	44.97	15.10	11.85
21	9.19	18.43	8.55	5.15	4.05	60.10	26.06	51.16	53.71	34.44	15.10	15.69
22	8.96	14.18	6.90	4.53	3.56	90.54	29.47	159.82	46.29	35.42	14.52	14.52
23	8.96	11.93	6.52	4.25	3.11	110.60	43.38	131.21	46.29	40.79	14.52	12.88
24	8.52	10.37	6.16	3.97	3.52	126.24	40.36	160.27	161.47	48.68	14.52	11.85
25	8.74	9.65	5.64	3.97	6.76	83.46	53.50	326.90	357.82	71.33	12.88	11.36
26	8.74	8.76	5.31	3.84	7.96	51.56	34.40	260.38	215.76	54.97	12.36	11.36
27	8.09	7.48	4.83	3.97	6.09	42.84	32.51	175.72	143.06	63.88	12.36	10.41
28	8.09	7.48	4.83	3.70	9.74	80.15	25.50	177.22	92.82	97.73	11.85	10.41
29	7.68		4.83	3.58	22.03	306.21	34.98	129.82	86.49	139.51	13.41	10.41
30	7.28		4.83	3.45	17.12	94.91	32.98	82.16	125.04	82.73	13.96	14.20
31	7.28		4.53		14.14		28.77	84.44		64.70		10.88
TOTAL	350.58	244.60	241.32	134.83	186.09	1883.50	1173.98	2669.16	3547.54	3022.82	670.49	427.41
AVERAGE	11.31	8.74	7.78	4.49	6.00	62.78	37.85	86.10	118.25	97.49	22.35	13.79
MAXIMUM	16.64	18.43	36.19	6.80	22.03	306.21	91.55	326.90	357.82	345.65	52.42	18.85
MINIMUM	7.28	6.16	4.53	3.45	3.11	12.26	22.39	16.29	46.29	34.44	11.85	10.41

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 14551.22 \*\*\*\*\*  
 \*\*\*\*\* 39.87 \*\*\*\*\*  
 \*\*\*\*\* 357.82 \*\*\*\*\*  
 \*\*\*\*\* 5.11 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1982

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	9.52	7.12	5.76	3.80	12.32	32.49	24.96	49.21	114.81		32.84	12.16
2	9.52	7.12	6.77	3.80	15.21	26.53	27.67	62.47	74.66		25.74	13.20
3	9.52	6.77	6.42	3.80	12.16	29.89	32.60	58.37	54.66		22.70	12.16
4	9.52	12.70	5.76	3.56	9.75	53.74	41.21	44.14	85.17		23.67	11.65
5	21.54	7.12	5.45	3.80	7.26	48.81	30.72	28.34	91.77		34.17	11.65
6	12.88	7.94	5.15	3.80	6.52	55.41	25.74	32.21	74.40		30.12	11.16
7	11.36	10.20	5.15	3.80	5.50	48.51	23.44	23.51	77.60		27.34	12.67
8	10.88	7.87	5.76	3.80	5.50	36.09	21.26	21.58	53.45		24.96	12.63
9	10.41	11.48	6.09	4.05	5.83	42.38	20.56	19.21	42.22		24.19	11.65
10	9.52	8.67	6.42	3.80	7.85	42.09	21.12	17.90	44.19		23.57	11.16
11	9.52	8.67	6.77	4.05	8.72	84.50	30.55	16.65	90.12		25.74	10.68
12	9.09	7.87	6.09	4.05	9.59	131.14	24.96	15.45	51.08		22.70	10.21
13	8.67	7.12	5.76	3.80	7.26	252.16	24.98	17.53	38.15		21.26	10.81
14	8.27	6.77	5.45	4.05	6.17	237.62	28.10	34.27	50.21		19.88	10.21
15	7.87	6.42	5.45	5.45	6.87	131.26	24.19	23.50	108.49		19.21	10.68
16	7.49	6.09	5.15	3.80	7.65	89.26	21.26	24.78	64.88		19.21	11.16
17	7.49	5.76	4.86	3.80	8.48	67.66	20.14	25.67	54.66		17.90	14.30
18	8.27	5.76	4.58	3.80	9.68	53.45	21.26	33.07	51.74		22.34	14.30
19	9.09	5.76	4.58	6.25	37.24	49.36	18.55	60.85	53.45		20.56	12.67
20	8.67	10.09	4.58	5.15	189.02	56.15	17.27	43.28	56.15		17.90	12.16
21	8.27	7.49	4.58	4.31	89.67	46.65	23.87	42.22	47.66		17.27	12.16
22	7.49	6.77	4.58	4.05	51.20	42.33	24.11	33.40	40.54		17.27	11.65
23	7.12	6.42	4.58	3.56	132.02	75.60	51.42	28.90	36.21		16.65	10.68
24	7.12	6.09	4.58	3.56	119.11	53.45	53.09	44.67	33.40		16.04	10.21
25	7.12	5.76	4.58	3.56	59.07	64.83	41.18	30.72	31.60		15.45	9.75
26	7.12	9.09	4.31	3.80	51.67	59.66	35.26	34.69	29.00		15.01	10.68
27	6.77	5.15	4.31	4.05	37.20	46.53	39.11	36.21	28.17		14.30	11.16
28	7.12	5.76	4.05	4.31	37.16	39.15	35.26	117.34	25.74		13.20	10.21
29	8.27		4.05	4.31	36.34	32.09	33.33	113.30	27.34		13.20	9.75
30	7.49		4.05	4.05	36.72	27.34	63.64	147.11	26.92		13.20	8.87
31	7.12		4.05		44.49	66.13					8.45	
TOTAL	280.11	209.83	160.00	121.77	1073.23	2056.13	966.94	1330.55	1638.42		627.59	350.24
AVERAGE	9.04	7.49	5.16	4.06	34.62	68.54	31.19	44.35	54.61		20.92	11.30
MAXIMUM	21.54	12.70	6.77	6.25	189.02	252.16	66.13	147.11	114.81		34.17	14.30
MINIMUM	6.77	5.15	4.05	3.56	5.50	26.53	17.27	15.45	25.74		13.20	8.45

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 8814.81 26.47 252.16 \*\*\*\*\*



DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1993

#DAY#	1	2	3	4	5	6	7	8	9	10	11	12
1	8.45	6.17	4.58	4.01	5.50	7.47	12.67	16.04	116.87	186.51	50.78	26.84
2	8.45	5.83	4.88	4.29	4.58	12.31	12.16	14.91	71.37	105.27	38.15	24.96
3	9.31	5.83	4.58	5.18	4.29	6.09	11.16	18.42	92.33	103.90	39.15	22.70
4	11.16	5.83	4.58	4.58	3.75	9.81	10.93	25.35	62.34	96.15	38.15	19.88
5	11.16	5.83	4.29	4.01	3.75	6.52	13.33	27.34	57.16	106.41	34.32	19.88
6	9.75	5.50	4.01	4.01	3.25	5.70	17.78	18.55	60.22	80.26	31.60	18.55
7	9.31	5.50	4.01	4.29	3.25	6.38	15.91	17.90	54.53	89.01	39.00	17.90
8	8.45	5.50	4.01	4.01	3.25	6.54	25.97	28.60	40.76	82.54	33.15	17.90
9	7.65	5.50	4.01	3.75	3.79	12.60	61.97	27.73	48.92	62.30	30.72	16.65
10	7.65	5.50	4.01	3.75	3.93	24.68	32.53	51.18	73.85	64.59	32.48	16.04
11	7.65	5.18	3.75	3.75	4.29	17.78	24.91	39.33	47.10	91.85	31.09	15.45
12	9.75	5.18	4.01	7.26	4.29	12.67	23.15	27.34	36.21	52.90	30.72	14.87
13	10.68	5.50	4.01	6.17	4.02	12.23	20.23	21.26	27.34	55.60	27.34	14.87
14	8.87	5.18	4.01	5.18	4.02	15.87	18.24	18.55	27.45	135.80	41.79	13.75
15	8.45	5.18	4.29	4.88	3.50	14.30	14.92	16.65	28.11	71.32	36.66	14.13
16	8.87	4.01	4.88	4.88	3.50	10.70	19.69	14.30	24.99	53.45	36.77	22.91
17	9.31	3.75	3.75	5.83	3.25	10.33	27.03	15.45	20.91	48.33	40.16	20.99
18	9.75	5.18	3.75	5.30	2.79	19.97	24.62	12.16	20.53	59.81	38.15	15.45
19	9.31	5.18	3.50	4.88	3.01	53.24	21.04	11.16	21.66	45.43	34.32	15.45
20	8.04	5.18	3.75	4.58	2.79	46.93	22.26	9.75	20.13	41.72	30.72	14.87
21	7.26	5.10	3.50	4.01	2.58	34.57	33.36	11.10	22.26	40.46	29.00	13.75
22	7.26	5.10	3.75	3.75	2.58	39.34	34.24	14.22	50.92	35.26	26.53	12.67
23	6.88	5.18	3.75	3.50	2.58	29.66	35.21	29.08	88.54	38.15	24.96	12.16
24	7.26	5.10	4.01	3.50	2.69	21.26	38.63	16.36	47.08	40.16	21.97	11.65
25	7.65	5.18	4.88	3.50	3.43	36.92	36.92	14.87	50.28	42.53	19.88	11.65
26	8.04	4.58	4.01	3.50	2.79	18.77	29.85	16.07	59.08	75.53	18.55	14.33
27	7.65	4.58	4.01	3.50	2.58	17.60	25.52	20.58	72.60	64.26	17.90	14.87
28	6.88	4.58	4.01	3.75	2.58	17.27	26.16	28.93	79.76	52.29	18.75	14.30
29	6.88	4.01	3.50	3.50	2.37	13.20	26.25	24.37	258.88	44.91	102.78	14.30
30	6.88	3.75	3.25	3.25	2.56	15.45	24.93	17.27	191.75	40.16	32.49	10.51
31	6.88	3.75	3.75	3.75	3.90	18.55	18.55	16.04	41.71	41.71	17.90	12.03
TOTAL	261.54	138.15	125.22	123.98	105.74	519.24	760.12	640.86	1867.93	2128.57	1028.03	506.26
AVERAGE	8.44	5.31	4.04	4.41	3.41	17.90	24.52	20.67	62.26	68.66	34.27	16.33
MAXIMUM	11.16	6.17	4.88	7.26	5.50	53.24	61.97	51.18	252.88	186.51	102.78	26.84
MINIMUM	6.88	4.58	3.50	3.25	2.37	5.70	10.93	9.75	20.13	35.26	17.90	10.51

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 | ANNUAL  
 | \*\*\*\*\*  
 | TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 | \*\*\*\*\*  
 | 8205.04 | 22.79 | 252.88 | 2.37 |  
 | \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1984

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	14.30	10.68	4.88	5.83	3.59	29.40	10.73	101.37	126.41	147.85	61.23	12.73
2	14.30	9.75	4.58	5.83	3.34	15.53	11.36	95.68	191.92	242.18	56.66	12.21
3	14.30	9.31	4.29	5.83	3.34	16.57	15.69	97.74	283.32	273.45	45.20	13.00
4	14.30	8.87	4.02	5.50	3.11	29.99	34.05	56.86	225.78	249.67	39.80	12.73
5	14.30	8.87	4.02	5.18	2.89	44.75	20.03	45.20	152.42	152.16	35.77	11.71
6	14.30	10.22	4.02	5.50	3.94	27.90	28.58	36.75	128.42	159.97	32.92	11.21
7	13.20	9.75	6.88	5.18	3.72	16.32	70.30	30.20	88.37	137.60	30.20	10.73
8	12.16	9.75	8.04	5.18	3.11	38.25	117.79	25.99	84.75	96.20	28.47	11.22
9	12.16	9.75	9.75	5.18	3.11	48.32	252.91	22.88	138.75	75.52	24.41	14.09
10	12.16	10.21	10.68	5.18	3.11	30.33	97.95	20.07	244.59	69.57	22.88	13.81
11	11.65	11.55	8.87	4.88	3.59	21.22	100.41	28.88	198.94	59.86	23.26	15.10
12	11.65	9.75	8.04	4.88	4.46	46.28	58.16	28.11	123.29	53.45	25.19	14.37
13	11.16	9.75	7.65	4.88	3.75	42.99	40.84	51.17	87.57	47.47	23.64	12.21
14	11.16	9.31	7.26	4.58	4.37	61.29	32.00	32.07	79.94	44.08	21.42	11.21
15	10.28	9.75	7.26	4.58	4.37	83.31	26.80	28.16	133.73	41.38	22.14	11.21
16	10.68	8.87	6.88	4.88	6.83	141.75	31.92	40.60	183.65	38.77	20.71	11.71
17	11.65	8.45	6.52	6.23	6.24	76.59	25.59	66.96	150.26	38.00	19.33	11.21
18	12.16	8.45	6.52	5.83	8.94	47.12	22.14	61.27	200.19	38.72	18.66	10.26
19	11.65	8.04	6.52	5.83	6.24	41.27	31.70	128.82	132.82	34.59	20.01	10.26
20	12.67	7.65	6.52	5.50	4.95	48.18	37.70	82.38	113.35	31.09	20.71	9.80
21	11.16	7.26	6.52	5.18	4.37	31.02	36.41	90.87	77.05	28.90	19.33	9.36
22	10.68	7.26	6.52	5.18	3.84	25.19	32.99	61.88	63.25	26.80	18.66	9.36
23	14.02	7.26	6.52	5.18	3.84	24.20	45.70	50.34	92.33	30.65	22.14	8.93
24	14.30	7.26	7.04	4.88	3.59	25.70	28.47	50.75	205.24	32.19	20.36	8.93
25	13.20	6.89	16.39	4.88	4.57	21.42	22.14	43.46	422.96	41.48	18.66	8.51
26	11.65	6.89	8.87	4.88	30.89	16.74	20.89	67.99	253.25	30.66	17.37	8.51
27	11.16	6.89	7.26	4.88	23.86	14.37	20.83	74.73	327.59	25.99	16.13	8.51
28	12.16	8.04	6.52	4.88	17.61	11.71	23.80	80.12	212.29	26.46	14.66	8.51
29	11.16	6.17	6.17	4.88	15.43	11.71	37.05	99.82	192.74	39.32	13.81	8.51
30	11.65	6.17	6.17	4.88	14.86	10.73	47.91	76.02	185.70	101.63	13.27	8.10
31	11.16	6.17	6.17	4.88	83.95	61.80	61.80	76.50	109.71	109.71	13.27	8.10
TOTAL	382.49	246.48	217.35	156.16	293.81	1100.15	1444.64	1833.64	5021.87	2525.37	767.00	336.11
AVERAGE	12.34	8.80	7.01	5.21	9.48	36.67	46.60	59.79	167.40	81.46	25.57	10.84
MAXIMUM	14.30	11.55	16.39	6.23	83.95	141.75	252.91	128.82	422.96	273.45	61.23	15.10
MINIMUM	10.28	6.89	6.02	4.58	2.89	10.73	10.73	20.07	63.25	25.99	13.27	8.10

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 | ANNUAL  
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TOTAL	AVERAGE	MAXIMUM	MINIMUM
\*\*\*\*\*	\*\*\*\*\*	\*\*\*\*\*	\*\*\*\*\*
14345.07	39.30	422.96	2.89
\*\*\*\*\*	\*\*\*\*\*	\*\*\*\*\*	\*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1985

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	8.10						6.67	19.38	17.19	58.88	70.57	12.60
2	7.71						6.60	22.30	16.53	88.80	54.66	13.57
3	7.71						6.78	21.57	17.95	99.34	44.22	13.86
4	8.98						7.88	21.88	19.34	78.26	57.00	14.85
5	10.03						7.35	17.19	16.45	82.83	49.97	12.60
6	9.58						6.97	14.52	18.41	59.90	43.95	11.57
7	9.14						7.16	13.60	15.67	87.61	38.85	13.90
8	8.51						7.30	13.44	49.39	47.29	36.78	13.67
9	8.93						24.11	11.08	23.09	46.73	35.02	14.00
10	8.51						14.12	12.99	17.83	43.04	25.56	13.67
11	8.10						15.46	21.03	30.11	40.80	37.59	14.23
12	7.71					55.85	26.87	40.39	26.83	31.41	35.20	12.78
13	7.32					38.78	21.73	34.89	39.50	34.07	28.85	12.08
14	7.32					35.15	18.98	34.47	42.85	37.29	26.41	11.57
15	6.95					47.97	13.67	23.05	36.76	59.47	25.62	11.57
16	6.95					34.02	11.40	17.19	73.91	37.40	23.57	12.35
17	6.59					28.08	12.55	15.48	50.19	34.10	26.01	12.60
18	6.59					20.48	19.67	13.67	40.16	33.97	24.85	12.73
19	6.24					16.58	23.48	12.35	29.69	35.00	22.60	12.60
20	6.24					13.67	20.83	11.08	49.11	30.02	20.48	12.08
21	6.59					12.08	15.97	13.04	43.77	24.85	17.83	11.08
22	6.77					10.59	13.67	43.62	35.07	21.88	17.19	10.59
23	12.21					11.34	13.06	39.95	47.91	23.37	15.97	11.08
24	9.36					11.57	13.14	28.85	179.52	29.46	15.97	11.08
25	8.10					10.59	13.27	30.32	56.04	50.06	17.83	11.08
26	7.32					9.66	10.12	24.33	47.56	88.10	16.58	10.73
27	6.77					8.78	10.12	32.94	50.44	52.41	15.38	16.71
28	6.59					8.36	15.83	25.72	64.67	38.85	14.23	17.83
29	6.24					7.95	35.60	20.73	44.44	34.75	13.13	14.23
30	6.24					7.35	30.36	44.96	42.66	108.05	12.60	14.25
31	5.90						20.03	21.17		87.74		14.05
TOTAL	239.30					388.85	470.75	719.18	1283.04	1635.73	882.47	401.59
AVERAGE	7.72					20.47	15.19	23.20	41.83	53.44	29.42	12.95
MAXIMUM	12.21					55.85	35.60	44.96	179.52	108.05	70.57	17.83
MINIMUM	5.90					7.35	6.60	11.08	15.67	21.88	12.60	10.59

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL AVERAGE MAXIMUM MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 5970.91 25.52 179.52 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1986

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	12.60	11.08	6.06	5.06	3.77	5.23	10.73	7.38	10.27	33.42	22.34	13.26
2	12.08	11.08	6.41	4.75	4.83	4.94	9.81	7.02	31.37	36.86	36.77	12.21
3	11.08	11.57	6.24	4.45	7.63	4.39	8.95	7.02	27.53	65.10	43.56	11.70
4	11.08	10.12	6.06	4.45	7.98	5.10	8.54	9.84	20.13	48.49	32.28	10.73
5	11.08	9.66	5.72	4.31	9.07	20.77	9.38	12.04	34.91	35.06	26.17	10.73
6	10.12	8.78	5.72	4.45	6.00	9.87	10.73	17.04	25.75	29.00	20.16	11.21
7	10.12	8.36	6.78	4.17	5.08	21.26	11.84	14.72	25.88	36.20	17.41	11.70
8	9.66	8.36	5.38	3.89	4.26	21.78	13.00	12.21	24.62	30.87	15.54	11.70
9	9.22	7.95	5.06	3.62	4.01	14.07	14.28	10.73	19.04	29.91	17.41	13.26
10	8.78	7.95	5.22	3.62	3.77	14.33	11.70	9.81	16.78	29.91	21.13	11.70
11	9.66	7.55	5.06	3.62	3.54	13.58	10.67	22.60	19.09	29.00	23.11	10.27
12	10.12	7.16	4.95	3.62	2.89	10.43	9.81	20.72	24.42	22.34	22.34	10.27
13	10.12	7.16	4.45	3.62	2.51	10.27	8.54	17.41	61.74	24.70	20.85	10.27
14	10.12	6.78	4.17	3.36	2.51	9.72	7.75	18.74	42.51	20.50	20.13	9.38
15	10.36	6.78	4.17	3.36	2.51	8.76	7.45	15.54	28.10	18.74	21.59	9.38
16	10.12	6.41	4.17	3.24	2.70	8.14	10.01	14.37	46.44	59.74	23.11	9.81
17	9.44	6.41	3.99	3.62	2.89	6.84	16.15	13.29	35.18	34.26	21.59	8.54
18	9.55	6.78	4.45	3.62	3.31	8.04	20.48	13.34	25.53	24.70	18.74	8.54
19	10.84	6.06	4.24	3.62	3.45	8.82	16.47	11.02	33.25	22.34	18.07	7.75
20	13.29	6.41	4.17	3.62	10.24	6.66	19.12	11.00	53.65	20.85	18.07	7.75
21	15.40	6.06	4.17	3.73	6.50	5.82	12.99	13.44	38.37	19.43	15.54	7.75
22	15.97	6.41	5.38	4.17	16.61	17.33	14.07	25.75	51.00	22.34	25.84	7.75
23	14.80	6.06	4.75	3.62	11.40	18.34	27.21	14.37	49.62	19.43	23.90	7.75
24	13.45	6.41	5.07	3.62	9.87	14.59	30.67	17.10	31.64	16.78	22.34	7.38
25	13.13	6.41	5.38	3.62	11.22	11.49	23.15	41.69	24.70	26.67	16.78	7.02
26	12.08	6.41	5.38	3.82	10.76	13.04	19.43	32.39	25.53	23.23	15.54	7.02
27	13.70	6.41	5.72	6.91	8.75	14.78	16.78	21.95	112.40	23.61	13.26	6.66
28	14.23	6.06	5.72	9.28	7.38	16.10	12.73	16.78	101.46	20.85	13.26	6.33
29	13.13		5.72	6.78	7.02	14.37	11.21	14.86	65.59	18.74	15.54	6.33
30	12.60		5.72	6.36	6.66	13.26	9.81	16.97	40.97	22.34	14.37	7.02
31	11.82		5.38		5.85		8.75	11.21		23.90		6.66
TOTAL	359.75	212.64	160.86	159.98	194.97	352.12	422.21	492.36	1127.47	889.31	636.74	297.83
AVERAGE	11.60	7.59	5.19	4.33	6.29	11.74	13.62	15.88	37.58	28.69	21.22	9.28
MAXIMUM	15.97	11.57	6.78	9.28	16.61	21.78	30.67	41.69	112.40	65.10	43.56	13.26
MINIMUM	8.78	6.06	3.99	3.24	2.51	4.39	7.45	7.02	10.27	16.78	13.26	6.33

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\* AVERAGE \*\*\*\*\* MAXIMUM \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 5266.24 \*\*\*\*\* 14.43 \*\*\*\*\* 112.40 \*\*\*\*\* 2.51 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1987

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.00	5.08	3.10	3.54	1.25	6.12	34.47	27.03	54.85	28.53	9.27	7.39
2	6.66	4.53	3.10	2.89	1.63	3.96	36.82	25.74	81.06	29.71	8.77	16.30
3	6.33	5.08	3.31	3.10	2.05	5.90	45.11	25.31	74.90	27.03	8.30	16.49
4	5.68	4.80	3.10	3.31	8.01	7.56	33.49	26.16	93.59	24.07	7.83	10.83
5	5.68	4.80	3.10	3.10	4.29	12.22	29.25	29.31	120.49	23.66	7.39	10.29
6	6.66	4.26	3.54	2.89	3.06	14.95	28.11	51.87	86.34	22.06	6.95	11.37
7	6.33	4.01	3.31	3.10	2.79	7.61	22.85	39.12	68.07	20.52	6.53	10.29
8	5.38	4.53	3.10	3.31	2.53	5.73	19.78	64.52	54.71	18.33	8.77	7.83
9	5.38	4.26	3.10	2.70	2.29	5.35	20.52	84.54	132.41	16.93	6.53	7.83
10	5.08	4.80	4.01	2.70	2.05	61.87	60.36	54.00	117.32	16.93	6.53	7.39
11	5.08	4.80	3.77	6.11	1.83	61.16	49.29	37.51	82.73	15.60	9.77	6.95
12	4.80	4.53	3.10	4.01	4.81	37.88	77.05	29.71	59.18	14.95	9.27	6.53
13	6.33	4.01	3.10	4.53	2.49	31.57	82.31	25.31	42.87	14.32	9.77	6.12
14	6.00	4.01	3.54	3.77	1.83	16.25	75.45	21.29	37.51	13.70	8.77	6.12
15	5.68	3.77	3.10	3.31	1.83	10.82	57.65	19.04	40.68	13.10	7.83	5.73
16	5.38	4.01	3.77	3.31	1.83	13.10	41.76	17.97	37.51	11.93	7.39	5.35
17	4.53	4.01	3.54	3.10	1.83	21.39	32.52	16.26	31.57	11.37	6.95	4.98
18	4.53	4.01	2.89	3.10	1.63	49.79	64.86	16.93	28.60	10.82	8.77	5.35
19	4.53	3.77	2.89	3.10	19.09	63.93	94.86	22.01	27.47	10.29	6.95	5.35
20	5.08	3.31	3.10	2.70	5.54	35.57	68.04	36.85	50.68	10.29	19.90	5.35
21	5.08	3.10	2.70	2.70	9.04	22.85	84.47	28.71	230.52	9.77	19.41	4.98
22	5.08	3.54	2.70	2.70	24.14	15.92	74.65	29.71	181.98	9.52	19.04	4.98
23	6.66	3.54	2.70	2.51	8.77	13.70	69.49	29.71	84.97	9.77	15.60	4.63
24	5.68	3.10	3.10	2.51	5.35	27.82	79.84	33.49	70.93	9.27	13.70	4.63
25	5.08	3.10	2.70	2.51	3.65	20.52	64.18	44.31	70.96	8.77	11.93	4.29
26	5.08	3.10	2.51	2.51	3.35	39.13	65.99	49.79	55.66	10.29	10.82	4.63
27	5.08	3.31	2.70	2.51	4.29	157.10	52.89	46.84	48.01	9.77	9.77	4.63
28	5.38	3.10	3.10	2.70	3.35	77.59	41.76	35.47	37.60	11.37	8.77	4.29
29	5.08	2.70	2.70	2.70	5.73	50.45	45.11	36.48	31.57	9.77	7.83	4.29
30	4.80	2.70	2.51	2.51	5.73	36.31	36.48	38.03	28.80	9.27	7.83	3.96
31	4.80	2.70	2.70	2.70	9.56	30.65	30.65	41.76	8.77	8.77	4.98	4.98
TOTAL	168.92	112.27	95.88	93.54	155.62	934.12	1619.44	1084.78	2163.74	460.48	294.70	215.07
AVERAGE	5.45	4.01	3.09	3.12	5.02	31.14	52.24	34.99	72.12	14.85	9.82	6.94
MAXIMUM	6.66	5.08	4.01	6.11	24.14	157.10	94.86	84.54	230.52	29.71	19.90	16.49
MINIMUM	4.53	3.10	2.51	2.51	1.25	3.96	19.78	16.26	27.47	8.77	6.53	3.96

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\*  
 TOTAL AVERAGE MAXIMUM MINIMUM  
 \*\*\*\*\*  
 7398.56 20.27 230.52 1.25  
 \*\*\*\*\*

1993/ 1/18 ( MON ) 11:33:36

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1988

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	6.95	5.35	3.65	2.05	1.58	15.90	29.57	22.73	149.50	91.15	57.92	16.11
2	7.39	4.98	3.35	2.17	1.58	12.09	152.94	25.40	96.54	70.97	51.92	16.75
3	8.30	4.29	3.06	2.05	1.98	19.84	394.96	23.06	73.75	61.69	46.81	24.92
4	8.30	6.32	2.79	2.05	2.09	16.92	179.31	24.61	60.42	54.28	43.03	24.61
5	6.95	5.35	3.06	1.83	1.98	11.48	86.76	24.61	50.76	53.09	39.42	20.48
6	6.53	4.98	2.74	2.29	1.98	13.21	57.78	22.31	44.63	47.37	41.98	19.42
7	6.95	4.63	2.53	1.83	1.78	14.88	47.37	22.31	43.03	41.98	37.92	18.06
8	6.53	4.80	2.53	1.63	1.78	12.84	43.03	25.42	123.61	188.82	36.94	16.46
9	6.12	4.80	2.53	1.43	1.78	9.01	35.49	31.74	115.47	95.24	34.07	16.11
10	5.35	4.63	2.29	1.63	1.58	9.01	30.45	43.40	124.04	68.25	31.33	16.11
11	4.98	4.29	2.05	1.63	1.78	26.81	30.01	62.93	639.71	64.27	28.71	14.88
12	4.98	3.65	2.05	1.83	1.58	70.41	34.07	95.65	527.43	57.92	35.02	14.88
13	5.35	8.63	2.05	1.94	1.58	204.83	36.94	102.28	223.49	66.61	29.57	14.28
14	5.35	8.30	2.05	1.83	1.40	89.49	133.00	65.37	156.54	66.91	31.33	14.28
15	5.35	6.12	1.83	1.63	1.24	74.45	72.09	51.34	119.02	70.97	26.21	13.69
16	6.95	5.35	4.29	3.06	1.24	47.80	48.57	46.26	341.35	68.25	24.61	13.12
17	5.73	4.98	3.06	3.65	6.76	56.69	56.76	41.98	162.31	63.62	23.06	13.12
18	4.98	4.29	2.53	2.53	4.03	62.04	44.61	34.54	106.05	56.69	23.06	17.40
19	4.98	3.96	2.29	2.63	8.02	42.61	34.07	36.94	78.49	53.09	20.12	19.42
20	4.46	3.65	2.79	2.53	3.96	59.15	38.90	80.98	76.34	61.69	20.12	17.73
21	3.96	3.65	3.35	4.32	3.73	86.94	42.62	157.30	193.28	59.16	20.84	17.73
22	3.96	4.98	4.29	4.29	5.52	59.92	28.71	93.33	145.66	51.92	20.84	16.75
23	3.96	4.96	3.65	2.53	4.66	119.53	26.21	107.88	107.88	62.44	22.51	16.11
24	3.35	4.29	3.06	2.53	4.03	127.90	22.31	144.07	83.91	144.48	19.42	14.28
25	3.35	3.96	2.53	2.53	2.91	60.94	22.31	201.20	92.62	110.68	18.06	14.28
26	4.29	3.65	2.53	2.29	3.73	46.26	19.42	27.38	125.43	134.71	17.40	13.69
27	4.29	3.65	2.29	2.29	2.66	49.16	23.83	185.33	143.96	138.87	16.75	13.69
28	4.29	3.96	2.29	1.63	2.42	63.13	23.06	205.77	113.14	148.91	16.75	13.69
29	4.29	3.96	2.29	1.43	9.50	43.17	22.31	207.01	108.66	111.60	17.40	18.73
30	5.35	4.29	2.05	1.25	8.11	31.78	23.83	131.18	131.75	82.70	17.07	18.73
31	5.85		2.05		12.56		30.26	130.79		70.97		16.11
TOTAL	169.42	140.41	83.90	65.09	109.53	1558.09	1871.57	2706.03	4568.77	2519.30	869.99	515.82
AVERAGE	5.47	4.84	2.71	2.17	3.53	51.94	60.37	87.23	152.29	91.27	29.00	16.63
MAXIMUM	8.30	8.63	4.29	4.32	12.56	204.83	394.96	267.98	639.71	188.82	57.92	24.92
MINIMUM	3.35	3.65	1.83	1.25	1.24	9.01	19.42	22.31	43.03	41.98	16.75	13.12

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* 15175.72 \*\*\*\*\*  
 \*\*\*\*\* 41.46 \*\*\*\*\*  
 \*\*\*\*\* 639.71 \*\*\*\*\*  
 \*\*\*\*\* 1.24 \*\*\*\*\*

DAILY RIVER RUNOFF AT GUACAMAYA GAUGING STATION

YEAR : 1989

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	14.28	9.72	6.07	3.73								
2	13.69	10.46	5.70	3.44								
3	13.69	10.46	4.99	3.17								
4	12.56	10.46	4.66	3.44								
5	13.02	9.96	4.66	3.44								
6	11.48	9.48	4.66	3.44								
7	10.46	9.48	4.66	3.17								
8	9.96	9.96	5.70	3.44								
9	9.96	9.96	5.70	3.31								
10	10.96	9.01	6.07	3.17								
11	9.96	8.55	6.07	3.73								
12	9.48	8.11	6.07	3.17								
13	9.96	7.67	6.07	3.17								
14	14.44	7.67	5.34	3.17								
15	11.48	7.67	4.99	2.91								
16	10.96	7.67	4.66	2.91								
17	10.46	7.25	4.66	3.17								
18	10.96	6.84	4.66	3.17								
19	10.46	6.45	4.66	2.91								
20	9.96	6.84	4.66	2.91								
21	9.48	6.45	4.34	2.91								
22	9.01	6.07	4.34	2.91								
23	12.25	7.67	4.34	2.66								
24	17.40	7.67	4.34	2.66								
25	16.75	7.67	4.03	2.91								
26	15.80	6.84	4.03	3.44								
27	15.49	6.84	4.03	7.18								
28	14.88	6.45	3.73	7.67								
29	12.56		4.03	7.67								
30	11.48		4.03	4.99								
31	10.96		3.73									
TOTAL	373.24	229.33	149.68	109.97								
AVERAGE	12.04	8.19	4.83	3.67								
MAXIMUM	17.40	10.46	6.07	7.67								
MINIMUM	9.01	6.07	3.73	2.66								

\*\*\*\*\* ANNUAL \*\*\*\*\*  
 \*\*\*\*\* AVERAGE \*\*\*\*\*  
 \*\*\*\*\* MAXIMUM \*\*\*\*\*  
 \*\*\*\*\* MINIMUM \*\*\*\*\*  
 \*\*\*\*\* TOTAL \*\*\*\*\*  
 \*\*\*\*\* 862.22 \*\*\*\*\*  
 \*\*\*\*\* 7.19 \*\*\*\*\*  
 \*\*\*\*\* 17.40 \*\*\*\*\*

DAILY RIVER RUNOFF AT EL CAJON GAUGING STATION  
 COMPENSATED BY LAGUNETAS GAUGING STATION

1993/ 1/18 ( MON ) 17:43:49

YEAR : 1970

DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	43.94	43.94	39.30	25.30	23.10	38.20	98.20	725.00	302.00	581.00	219.00	100.00
2	43.94	39.58	38.20	24.90	22.80	36.00	197.00	672.00	315.00	632.00	235.00	95.00
3	43.19	38.89	37.10	24.60	23.80	51.70	330.00	423.00	293.00	697.00	275.00	90.00
4	43.19	38.89	36.00	24.60	23.50	39.90	287.00	263.00	278.00	649.00	235.00	87.00
5	42.45	39.58	35.00	24.20	22.20	126.00	206.00	260.00	339.00	628.00	278.00	85.00
6	42.45	37.53	34.00	23.80	21.60	92.80	144.00	318.00	299.00	564.00	260.00	81.00
7	45.47	36.86	33.00	23.80	20.90	92.80	106.00	293.00	354.00	516.00	201.00	51.00
8	53.68	36.20	32.50	23.50	21.30	91.60	269.00	330.00	430.00	383.00	182.00	113.00
9	59.10	36.20	32.00	23.10	20.90	79.10	214.00	327.00	478.00	413.00	160.00	100.00
10	56.33	37.53	31.50	23.10	20.90	84.50	103.00	312.00	618.00	390.00	171.00	91.00
11	51.96	48.90	31.00	23.10	20.90	74.00	110.00	235.00	451.00	434.00	166.00	86.00
12	49.45	43.94	30.10	24.20	21.60	59.90	140.00	255.00	369.00	437.00	192.00	81.00
13	47.03	40.28	30.10	23.50	24.20	51.70	353.00	284.00	312.00	334.00	201.00	97.00
14	44.70	39.58	30.10	31.00	33.00	51.70	350.00	214.00	238.00	321.00	180.00	97.00
15	43.19	38.89	32.50	67.40	28.70	80.10	272.00	196.00	238.00	518.00	227.00	90.00
16	41.72	41.00	31.00	53.10	39.30	117.00	287.00	144.00	192.00	383.00	266.00	90.00
17	41.00	47.12	30.50	37.70	25.70	101.00	315.00	92.70	164.00	383.00	211.00	87.00
18	40.28	50.40	30.10	33.00	72.00	230.00	201.00	88.70	158.00	464.00	171.00	194.00
19	39.58	43.19	29.20	29.60	42.80	324.00	235.00	112.00	318.00	652.00	156.00	134.00
20	38.89	39.58	28.70	27.40	30.50	232.00	379.00	100.00	625.00	543.00	142.00	109.00
21	38.20	37.53	28.30	27.00	27.00	189.00	305.00	100.00	1051.00	347.00	152.00	93.00
22	37.53	37.53	27.80	26.50	24.60	180.00	201.00	77.00	751.00	343.00	129.00	86.00
23	37.53	35.55	27.40	25.70	22.80	120.00	156.00	162.00	560.00	276.00	113.00	82.00
24	37.53	35.55	27.40	24.90	22.10	87.40	134.00	192.00	556.00	272.00	109.00	79.00
25	37.53	34.91	27.00	24.90	24.20	69.00	138.00	530.00	412.00	302.00	152.00	74.00
26	36.86	35.55	26.50	24.60	48.40	58.00	272.00	939.00	420.00	255.00	140.00	72.00
27	36.86	38.89	26.10	23.80	76.00	51.00	211.00	985.00	533.00	249.00	129.00	71.00
28	36.20	37.53	25.70	23.80	150.00	47.30	386.00	1038.00	662.00	269.00	115.00	69.00
29	36.20	36.20	25.70	23.80	64.00	67.00	296.00	530.00	564.00	235.00	112.00	68.00
30	38.89	35.55	25.70	23.50	56.80	60.30	337.00	379.00	672.00	238.00	107.00	67.00
31	43.19	43.19	25.70	49.00	49.00	1074.00	318.00	318.00	217.00	217.00	66.00	66.00
TOTAL	1328.06	111.12	945.20	839.40	1128.60	2983.00	8108.20	130894.40	12849.00	12725.00	5366.00	2815.00
AVERAGE	42.84	39.68	30.49	27.98	36.41	99.43	261.55	351.11	428.30	410.48	178.87	90.81
MAXIMUM	59.10	50.40	39.30	67.40	150.00	324.00	1074.00	1038.00	1051.00	697.00	278.00	194.00
MINIMUM	36.20	34.91	25.70	23.10	20.90	36.00	98.20	77.00	158.00	217.00	107.00	66.00

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 ANNUAL  
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 TOTAL AVERAGE MAXIMUM MINIMUM  
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 61082.98 187.35 1074.00 20.90  
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DAILY RIVER RUNOFF AT EL CAJON GAUGING STATION  
 COMPENSATED BY LAGUNETAS GAUGING STATION

YEAR : 1971

#DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	66.00	39.00	30.10	21.10	19.20	62.30	34.50	241.00	598.00	164.00	103.00	54.00
2	64.00	42.00	29.60	21.10	19.00	58.30	37.00	241.00	389.00	158.00	94.00	52.40
3	61.00	38.00	28.30	20.60	19.00	57.50	41.00	290.00	305.00	133.00	92.00	63.10
4	59.00	37.00	30.60	21.30	19.20	49.00	35.50	261.00	305.00	174.00	94.10	64.00
5	59.00	36.00	32.10	27.80	23.10	42.20	43.00	168.00	299.00	156.00	143.00	55.30
6	63.00	36.00	30.60	24.30	22.40	39.30	53.10	120.00	1010.00	403.00	140.00	49.70
7	69.00	35.00	30.00	29.80	20.60	36.00	37.10	105.00	389.00	406.00	109.00	48.40
8	68.00	34.00	28.70	27.40	19.20	32.50	36.00	103.00	324.00	346.00	97.90	47.10
9	61.00	34.00	28.30	27.00	18.80	36.00	45.00	96.60	252.00	356.00	84.50	45.80
10	59.00	37.00	27.80	26.00	19.00	30.50	42.20	79.10	207.00	296.00	81.20	44.50
11	58.00	44.00	27.00	27.40	19.20	51.70	41.60	133.00	195.00	269.00	79.10	44.00
12	56.00	39.00	26.80	26.00	20.00	64.80	70.20	90.40	174.00	269.00	88.76	43.40
13	56.00	35.00	25.40	23.60	20.60	64.80	64.80	72.00	160.00	200.00	88.76	42.80
14	55.00	53.00	25.00	22.00	59.10	52.40	60.00	63.10	140.00	200.00	88.76	41.60
15	53.00	48.00	24.70	20.10	37.00	57.00	61.50	76.00	123.00	272.00	87.04	40.40
16	52.00	40.00	24.30	19.80	38.20	140.00	108.00	67.40	110.00	243.00	75.46	39.30
17	51.00	39.00	24.00	19.70	43.40	145.80	137.00	101.00	101.00	202.00	70.78	39.30
18	50.00	41.00	24.00	19.50	78.00	79.10	103.00	90.40	142.00	376.00	63.31	40.00
19	49.00	41.00	24.00	19.00	137.00	120.00	68.30	138.00	137.00	491.00	61.86	39.30
20	48.00	39.00	23.30	18.30	61.40	63.10	61.00	106.00	117.00	403.00	62.44	39.00
21	64.00	37.00	24.30	18.00	43.00	41.60	61.00	81.20	131.00	399.00	78.68	39.20
22	57.00	35.00	24.00	17.30	37.10	37.10	64.80	82.30	159.00	366.00	83.64	37.70
23	49.00	34.00	23.60	17.30	42.20	43.40	45.00	105.00	143.00	278.00	94.05	42.80
24	48.00	34.00	23.00	17.00	37.00	34.00	97.90	137.00	177.00	210.00	95.85	51.10
25	47.00	33.00	23.00	16.40	31.50	28.30	73.00	186.00	275.00	111.00	92.27	48.40
26	46.00	37.00	22.40	17.00	30.10	30.10	63.10	222.00	159.00	225.00	83.64	43.40
27	45.00	31.00	22.10	17.00	28.70	26.50	86.80	284.00	151.00	190.00	77.06	41.00
28	41.00	31.00	21.80	16.40	30.10	26.50	85.60	327.00	130.00	174.00	70.78	41.00
29	41.00	31.00	21.80	17.00	38.20	30.50	109.00	308.00	126.00	142.00	61.88	48.40
30	40.00	31.00	21.30	17.00	62.30	33.50	81.20	420.00	134.00	142.00	57.65	45.00
31	39.00	31.00	21.30	16.40	75.00	75.00	195.00	618.00	110.00	110.00	40.40	40.40
TOTAL	1674.00	1059.00	792.60	632.20	1168.50	1813.80	2142.20	5414.50	7062.00	7894.00	2600.49	1410.80
AVERAGE	54.00	37.82	25.57	21.07	37.69	53.79	69.10	174.66	235.40	254.65	86.68	45.51
MAXIMUM	69.00	53.00	32.10	29.80	137.00	145.80	195.00	618.00	1010.00	491.00	143.00	64.00
MINIMUM	39.00	31.00	21.30	16.40	18.80	26.50	34.50	63.10	101.00	110.00	57.65	37.70

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 ANNUAL  
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 TOTAL | AVERAGE | MAXIMUM | MINIMUM  
 | 33664.09 | 91.68 | 1010.00 | 16.40  
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DAILY RIVER RUNOFF AT EL CAJON GAUGING STATION  
 COMPENSATED BY LAGUNETAS GAUGING STATION

YEAR : 1972

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	38.20	25.30	23.80	17.60	18.80	42.80	25.30	89.20	74.00	217.00	113.00	42.10
2	37.10	24.90	23.10	17.60	19.60	36.60	24.90	62.30	146.00	356.00	114.00	41.30
3	37.00	24.90	22.80	18.40	18.40	30.10	29.60	48.40	185.00	225.00	94.00	44.00
4	37.00	24.90	22.10	23.10	19.00	27.00	23.80	41.00	199.00	484.00	84.50	41.30
5	37.00	27.00	21.80	20.90	18.40	26.50	23.10	39.30	179.00	392.00	116.50	40.60
6	37.00	27.80	21.60	19.20	59.10	26.10	23.10	39.90	447.00	440.00	86.90	38.50
7	37.00	26.50	21.60	18.50	41.00	146.00	32.50	32.50	230.00	302.00	74.50	37.00
8	36.00	25.70	20.90	18.40	26.50	190.00	23.50	32.00	140.00	185.00	75.60	36.00
9	35.50	24.90	20.60	18.20	26.50	118.00	28.30	60.70	181.00	133.00	85.70	35.40
10	35.00	24.90	20.60	18.60	27.80	88.00	29.20	92.80	113.00	107.00	92.80	35.40
11	34.00	25.70	20.90	18.20	22.10	64.00	24.20	188.00	129.00	92.80	162.00	34.20
12	34.00	26.10	21.80	17.60	38.20	49.70	24.60	185.00	99.20	92.80	127.00	35.40
13	36.00	25.30	20.90	19.50	27.00	42.80	22.40	170.00	114.00	122.00	101.00	35.40
14	35.50	24.60	20.60	18.80	25.70	40.00	22.20	113.00	99.20	120.00	85.70	37.00
15	32.00	24.20	20.60	17.80	23.50	58.30	24.80	138.00	77.00	187.00	78.90	35.00
16	31.00	23.80	20.00	17.60	27.00	44.00	22.80	131.00	72.00	261.00	72.40	37.00
17	30.50	23.10	20.00	17.40	36.60	34.00	21.80	246.00	93.00	205.00	69.20	92.00
18	30.10	22.80	20.00	18.20	55.30	29.20	27.00	190.00	78.00	205.00	64.10	78.90
19	30.10	24.90	19.40	59.00	35.50	27.80	49.00	237.00	90.40	277.00	57.30	56.40
20	31.50	29.60	19.20	48.40	32.00	27.00	60.70	138.00	120.00	330.00	62.10	48.00
21	30.50	28.70	19.20	26.10	30.10	73.00	45.80	100.00	168.00	357.00	61.20	42.80
22	29.60	26.50	19.00	21.80	25.00	46.50	118.00	124.00	92.80	354.00	82.30	39.90
23	29.10	25.30	19.20	20.60	22.10	42.80	168.00	149.00	106.00	266.00	61.20	38.00
24	28.30	25.30	19.00	19.50	21.30	37.10	79.10	157.00	118.00	195.00	56.40	37.20
25	27.00	24.90	18.60	18.80	25.00	36.60	91.60	85.60	123.00	163.00	52.80	36.00
26	26.50	24.20	18.40	18.20	40.00	33.00	133.00	72.00	101.00	139.00	50.10	35.00
27	26.10	23.50	18.40	18.00	47.10	31.50	110.00	79.00	272.00	125.00	47.60	38.00
28	27.80	24.90	18.40	17.80	47.10	28.30	86.80	64.80	302.00	117.00	45.10	38.00
29	27.80	25.30	18.20	17.60	117.00	28.30	77.00	102.00	162.00	109.00	44.60	35.00
30	26.50	24.90	18.00	17.60	68.30	28.30	77.00	78.00	214.00	96.40	42.80	33.10
31	25.70	24.90	17.80	17.80	41.60	81.20	65.70	81.20	117.00	117.00	33.10	33.10
TOTAL	994.40	735.50	626.50	646.60	1081.60	1533.30	1529.70	3373.20	4524.60	6772.00	2360.60	1287.00
AVERAGE	52.08	25.36	20.21	21.55	34.89	51.11	52.57	108.81	150.82	218.45	78.69	41.52
MAXIMUM	38.20	29.60	23.80	59.00	117.00	190.00	168.00	257.00	447.00	484.00	162.00	92.00
MINIMUM	25.70	22.80	17.80	17.40	18.40	26.10	21.80	32.00	72.00	92.80	42.80	33.10

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 ANNUAL  
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 TOTAL AVERAGE MAXIMUM MINIMUM  
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 25565.00 69.85 484.00 17.40  
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DAILY RIVER RUNOFF AT EL CAJON GAUGING STATION  
 COMPENSATED BY LAGUNETAS GAUGING STATION

YEAR : 1973

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	31.70	27.00	20.50	12.10	22.60	36.00	189.00	69.20	205.00	237.00	147.00	43.60
2	30.50	26.00	19.80	12.10	20.00	32.70	121.00	59.20	209.00	269.00	122.00	42.80
3	30.50	26.10	19.20	13.10	19.00	30.50	95.20	86.00	197.00	242.00	110.00	41.50
4	29.70	48.00	19.10	11.20	18.40	61.80	69.20	68.20	168.00	174.00	100.00	40.60
5	29.40	40.30	19.00	10.30	15.80	44.40	61.20	67.20	143.00	148.00	97.70	38.50
6	29.10	38.50	19.00	15.00	12.10	44.00	60.20	85.70	117.00	274.00	90.40	37.20
7	29.10	31.00	19.00	11.20	13.00	53.00	52.00	62.20	101.00	249.00	88.00	51.90
8	28.60	29.10	18.90	17.00	12.10	31.30	47.60	58.30	92.00	243.00	91.60	46.00
9	28.40	28.20	19.00	18.40	11.20	28.60	44.40	56.40	88.00	261.00	85.70	50.10
10	28.20	28.00	18.60	19.80	12.10	68.20	42.10	53.70	83.40	233.00	78.90	48.40
11	28.00	27.70	18.40	19.60	11.20	64.10	39.20	110.00	80.00	233.00	73.50	44.40
12	28.60	27.00	18.10	28.60	10.30	201.00	80.00	73.50	83.40	287.00	70.30	42.80
13	30.50	26.10	18.00	20.00	12.10	54.50	178.00	67.20	127.00	294.00	66.10	39.90
14	29.10	25.00	18.00	19.10	18.10	39.90	88.00	77.00	139.00	261.00	64.10	38.50
15	28.60	24.40	17.20	18.40	22.00	495.00	60.20	70.30	195.00	261.00	101.00	36.00
16	28.60	23.20	17.20	17.20	32.70	233.00	55.50	59.20	229.00	178.00	106.00	33.70
17	28.60	22.60	18.00	14.00	33.20	165.00	60.20	60.20	168.00	172.00	81.10	33.70
18	28.80	22.00	18.00	14.10	26.00	226.00	52.00	49.30	131.00	142.00	68.20	33.20
19	28.40	21.00	18.60	15.00	29.10	153.00	80.00	73.50	172.00	127.00	63.10	32.70
20	28.00	21.00	18.60	15.00	57.30	109.00	120.00	88.00	226.00	115.00	68.20	31.30
21	27.90	20.50	18.40	15.00	82.30	155.00	95.20	68.20	235.00	115.00	56.40	31.30
22	28.00	20.50	18.00	20.00	211.00	126.00	142.00	106.00	271.00	106.00	55.40	32.20
23	27.00	20.50	17.20	19.00	325.00	73.50	122.00	174.00	195.00	155.00	67.10	31.70
24	26.50	20.20	17.20	18.10	164.00	64.10	217.00	209.00	150.00	203.00	65.10	31.30
25	26.10	19.80	17.20	15.80	103.00	56.40	306.00	156.00	126.00	140.00	54.60	30.10
26	26.10	19.80	15.80	14.10	68.20	53.70	191.00	185.00	117.00	195.00	50.10	29.10
27	26.00	19.80	14.10	11.20	44.00	82.30	127.00	147.00	102.00	185.00	47.60	28.60
28	26.00	19.80	14.10	52.80	33.00	134.00	100.00	145.00	110.00	155.00	44.40	28.20
29	26.50		14.10	39.90	35.40	137.00	87.00	428.00	163.00	176.00	43.60	28.00
30	26.40		13.10	28.20	44.40	237.00	70.30	322.00	151.00	287.00	41.50	27.90
31	27.80		12.10		41.30		87.00	261.00	191.00		27.80	
TOTAL	878.90	723.10	543.50	555.10	1558.10	3990.00	3139.50	3595.50	4473.80	6307.00	2298.50	1132.80
AVERAGE	28.35	25.83	17.53	18.50	50.26	109.67	101.27	115.98	149.13	203.45	76.62	36.54
MAXIMUM	31.70	48.00	20.50	52.80	325.00	495.00	306.00	428.00	271.00	294.00	147.00	51.90
MINIMUM	26.00	19.80	12.10	10.30	10.30	28.60	39.20	49.30	80.00	106.00	41.30	27.80

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 ANNUAL  
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 TOTAL AVERAGE MAXIMUM MINIMUM  
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 28495.80 78.07 495.00 10.30  
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DAILY RIVER RUNOFF AT EL CAJON GAUGING STATION  
 COMPENSATED BY LAGUNETAS GAUGING STATION

YEAR : 1974

*DAY*	1	2	3	4	5	6	7	8	9	10	11	12
1	27.80	21.00	27.80	20.50	12.60	25.00	278.00	107.00	129.00	299.00	245.00	53.40
2	27.80	21.00	22.60	20.20	13.00	49.90	206.00	85.80	102.00	221.00	169.00	51.60
3	33.20	20.50	20.20	20.20	12.30	131.00	171.00	72.40	92.50	555.00	135.00	51.00
4	29.70	19.80	19.40	20.00	12.30	86.70	134.00	62.40	86.90	1011.00	94.60	49.20
5	29.70	19.80	19.40	20.00	12.00	45.20	94.90	140.00	82.50	693.00	73.20	47.30
6	29.10	19.80	19.20	19.70	14.90	34.00	74.30	97.30	90.30	552.00	97.80	45.50
7	28.20	19.40	19.00	19.70	32.50	28.30	63.30	94.90	93.70	350.00	76.80	43.60
8	28.00	19.20	18.80	19.70	27.00	25.40	55.10	69.50	227.00	237.00	66.00	41.80
9	28.00	19.10	18.80	19.70	22.70	22.60	51.40	60.70	255.00	221.00	57.50	39.90
10	27.90	21.50	20.20	19.00	20.60	18.20	54.30	57.40	197.00	214.00	66.00	36.70
11	27.80	26.10	22.60	19.20	21.40	20.60	70.50	81.50	128.00	264.00	60.50	30.60
12	27.70	22.60	19.00	19.20	18.20	24.60	77.30	93.70	134.00	324.00	63.50	31.80
13	26.80	21.00	19.00	19.50	17.00	22.90	66.80	171.00	159.00	319.00	59.30	28.90
14	26.50	20.50	18.90	19.50	24.10	34.00	60.70	98.50	162.00	402.00	59.30	26.70
15	26.50	19.80	19.00	19.20	33.50	46.50	59.90	114.00	157.00	297.00	60.50	26.70
16	26.50	19.40	23.80	19.20	23.70	89.10	71.40	86.90	287.00	763.00	56.30	27.70
17	26.80	19.20	20.20	19.20	34.00	199.00	53.60	89.10	458.00	675.00	64.10	39.90
18	26.50	18.90	18.90	19.20	58.20	151.00	48.50	102.00	2214.00	327.00	54.60	38.00
19	25.60	18.90	19.00	19.50	67.70	103.00	49.20	119.00	2639.00	261.00	56.90	27.70
20	25.60	18.80	18.40	19.20	57.40	94.90	102.00	115.00	1360.00	227.00	56.90	33.00
21	25.60	18.60	17.70	19.00	89.10	84.70	146.00	81.50	1226.00	118.00	50.40	31.80
22	25.60	18.40	17.20	19.00	159.00	119.00	182.00	85.90	686.00	102.00	49.20	30.00
23	27.90	18.10	16.60	18.70	84.70	92.50	282.00	98.50	417.00	125.00	66.00	29.40
24	24.40	18.40	15.80	18.70	123.00	65.90	210.00	99.70	347.00	419.00	59.30	27.70
25	23.20	18.40	15.00	18.50	77.30	52.10	134.00	90.30	575.00	305.00	51.00	31.20
26	23.20	19.90	16.60	18.50	60.70	50.60	98.50	212.00	512.00	218.00	52.80	30.60
27	25.00	33.70	14.00	18.30	39.20	154.00	80.40	225.00	509.00	148.00	49.80	30.60
28	24.40	28.60	14.10	18.70	34.00	259.00	67.70	299.00	414.00	102.00	49.20	30.00
29	23.20		13.00	18.50	27.80	271.00	68.60	197.00	297.00	486.00	49.20	30.60
30	22.00		14.10	18.30	26.40	229.00	65.90	156.00	223.00	167.00	54.00	30.00
31	22.00		13.10		25.40		79.40	141.00		320.00		29.40
TOTAL	825.20	580.30	571.20	578.00	1272.70	2627.70	3256.70	3594.00	14259.90	110662.00	2203.70	1102.30
AVERAGE	26.62	20.73	18.43	19.27	41.05	87.59	105.05	115.61	475.33	343.94	73.46	35.56
MAXIMUM	33.20	33.70	27.80	20.50	150.00	271.00	282.00	299.00	2639.00	1011.00	245.00	53.40
MINIMUM	22.00	18.10	13.00	18.30	12.00	18.20	48.50	57.40	82.50	102.00	49.20	26.70

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 | ANNUAL  
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 | TOTAL | AVERAGE | MAXIMUM | MINIMUM |  
 |\*\*\*\*\*  
 | 41523.70 | 113.76 | 2639.00 | 12.00  
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