

Gobernadora Pre-developed Flow

	501 POC 1 Predeveloped flow	502 POC 2 Predeveloped flow	505 POC 5 Predeveloped flow	504 POC 4 Predeveloped flow	505 POC 5 Predeveloped flow	506 POC 6 Predeveloped flow	507 POC 7 Predeveloped flow
10/1/1958	0.49	3.34	10.25	10.02	0.59	8.93	0.41
10/1/1959	1.48	10.05	31.43	29.68	1.92	26.74	1.75
10/1/1960	0.00	0.03	0.08	0.06	0.01	0.06	0.02
10/1/1961	4.98	37.06	112.32	107.58	7.28	95.09	13.75
10/1/1962	0.49	3.12	9.98	9.04	0.58	8.50	0.46
10/1/1963	0.29	1.66	5.69	4.56	0.34	4.64	0.31
10/1/1964	1.47	10.60	32.36	31.40	2.03	27.57	2.50
10/1/1965	5.92	44.77	135.51	128.31	8.99	114.02	19.22
10/1/1966	6.42	47.79	145.64	137.03	9.62	122.35	19.66
10/1/1967	1.54	10.50	32.74	31.00	2.00	27.86	1.82
10/1/1968	14.37	112.61	337.96	316.36	23.09	282.92	62.11
10/1/1969	1.17	8.09	25.11	24.07	1.54	21.40	1.37
10/1/1970	1.17	8.15	25.03	24.24	1.51	21.53	1.32
10/1/1971	2.16	15.50	47.75	45.07	3.06	40.31	4.54
10/1/1972	6.17	46.71	141.19	133.90	9.32	119.07	19.87
10/1/1973	3.78	27.39	83.95	80.01	5.39	70.95	8.35
10/1/1974	3.07	22.28	68.13	65.04	4.34	57.77	6.89
10/1/1975	1.94	13.78	42.47	40.38	2.67	36.02	3.48
10/1/1976	0.99	6.37	20.32	18.44	1.22	17.17	1.03
10/1/1977	14.13	110.12	330.85	310.01	22.49	277.32	58.81
10/1/1978	8.29	63.65	191.89	180.90	12.86	161.34	30.25
10/1/1979	16.96	133.24	400.46	370.66	27.56	334.40	76.63
10/1/1980	0.24	1.63	5.04	4.80	0.29	4.38	0.24
10/1/1981	3.93	29.31	89.09	84.34	5.84	75.13	11.50
10/1/1982	13.24	102.25	308.16	288.32	20.84	258.37	52.45
10/1/1983	1.93	13.79	42.42	40.36	2.68	35.97	3.70
10/1/1984	3.99	29.34	89.58	84.83	5.83	75.52	10.50
10/1/1985	5.51	40.72	124.31	116.86	8.15	104.62	15.81
10/1/1986	0.28	1.83	5.69	5.37	0.33	4.92	0.30
10/1/1987	1.10	7.54	23.50	22.15	1.45	19.93	1.42
10/1/1988	2.25	16.01	49.16	47.29	3.07	41.84	3.64
10/1/1989	2.07	14.93	46.08	43.05	2.99	38.69	4.78
10/1/1990	6.17	46.80	141.95	132.87	9.51	119.03	21.51
10/1/1991	5.86	44.13	133.90	125.98	8.88	112.60	19.09
10/1/1992	15.97	124.63	374.53	349.74	25.53	313.61	67.91
10/1/1993	1.26	8.62	26.73	25.63	1.62	22.88	1.45
10/1/1994	16.25	126.63	381.45	353.99	26.11	318.66	70.15
10/1/1995	3.13	22.84	69.87	66.41	4.49	59.08	7.25
10/1/1996	7.50	57.23	172.64	163.43	11.49	145.38	26.06
10/1/1997	19.37	151.67	455.57	424.39	31.16	381.21	84.24
10/1/1998	0.07	0.46	1.51	1.23	0.09	1.24	0.13
10/1/1999	2.72	19.71	61.06	57.47	3.88	51.07	5.82
10/1/2000	2.51	18.35	55.87	53.68	3.56	47.48	5.50
10/1/2001	0.00	0.03	0.10	0.06	0.01	0.08	0.02
10/1/2002	6.66	49.69	151.58	141.30	10.08	127.06	21.79
10/1/2003	2.25	16.32	50.15	47.29	3.24	42.27	5.12
10/1/2004	9.26	70.69	213.81	200.44	14.34	179.40	33.93
10/1/2005	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average	4.91	37.28	112.87	105.94	7.53	94.82	17.21

Total Average

380.55

Gobernadora Inflow to Mitigation

	702 Inflow to POC 2 Mitigated	703 Inflow to POC 3 Mitigated	704 Inflow to POC 4 Mitigated	705 Inflow to POC 5 Mitigated	706 Inflow to POC 6 Mitigated	707 Inflow to POC 7 Mitigated
10/1/1958	12.57	63.72	17.52	7.34	48.27	1.52
10/1/1959	17.85	91.63	62.82	10.56	62.58	2.17
10/1/1960	8.74	42.06	19.31	4.81	22.76	1.03
10/1/1961	33.84	179.99	99.76	21.95	154.98	4.31
10/1/1962	17.17	85.81	52.28	9.75	64.53	2.10
10/1/1963	13.96	69.96	29.14	7.95	45.25	1.66
10/1/1964	22.94	118.16	46.52	13.63	87.87	2.77
10/1/1965	30.83	164.52	120.67	19.86	149.72	3.90
10/1/1966	37.01	195.94	134.01	24.00	182.62	4.72
10/1/1967	17.42	90.01	67.49	10.08	66.82	2.05
10/1/1968	56.36	304.71	294.94	37.99	292.09	7.38
10/1/1969	16.04	82.41	31.31	9.47	67.42	1.92
10/1/1970	17.01	87.31	39.98	10.07	64.24	2.09
10/1/1971	16.46	84.24	67.01	10.19	70.87	2.05
10/1/1972	32.85	176.00	148.30	21.56	146.93	4.19
10/1/1973	27.62	146.72	64.82	17.78	128.06	3.52
10/1/1974	25.70	135.82	76.61	16.38	108.87	3.25
10/1/1975	22.67	116.02	55.14	13.58	93.05	2.75
10/1/1976	23.64	121.18	70.71	13.74	90.48	2.80
10/1/1977	58.03	315.42	305.85	39.82	297.71	7.61
10/1/1978	41.38	223.05	156.66	27.56	198.26	5.36
10/1/1979	51.88	279.33	492.48	34.44	267.86	6.56
10/1/1980	12.81	63.62	24.38	7.35	46.00	1.56
10/1/1981	30.41	158.99	97.55	19.09	126.02	3.85
10/1/1982	59.09	318.18	293.54	39.56	287.49	7.62
10/1/1983	16.83	87.06	62.88	10.33	72.00	2.06
10/1/1984	24.55	129.84	96.57	15.63	100.92	3.13
10/1/1985	35.20	183.65	146.48	22.01	161.37	4.32
10/1/1986	14.33	72.40	26.76	8.24	42.82	1.73
10/1/1987	22.11	113.99	48.82	12.97	79.54	2.67
10/1/1988	21.64	112.10	48.76	13.37	86.91	2.68
10/1/1989	17.71	91.07	79.20	10.58	64.80	2.15
10/1/1990	29.14	154.51	153.50	18.87	144.34	3.69
10/1/1991	30.57	161.49	151.91	19.62	140.89	3.82
10/1/1992	64.44	351.24	308.18	44.16	344.83	8.38
10/1/1993	18.58	95.09	47.14	10.90	64.00	2.20
10/1/1994	56.33	301.67	432.91	36.69	285.62	7.08
10/1/1995	23.04	121.10	72.05	14.58	100.42	2.87
10/1/1996	40.17	216.29	140.79	27.08	197.09	5.29
10/1/1997	68.48	374.11	435.17	47.05	344.70	8.93
10/1/1998	14.43	72.38	16.31	8.11	39.11	1.74
10/1/1999	20.44	105.05	67.84	12.60	84.93	2.51
10/1/2000	23.60	125.08	45.81	15.02	101.86	3.00
10/1/2001	6.98	34.48	15.19	3.87	16.86	0.86
10/1/2002	34.95	183.00	183.31	21.75	163.81	4.30
10/1/2003	17.09	88.61	84.92	10.34	67.89	2.03
10/1/2004	51.37	276.78	165.69	34.13	253.47	6.55
10/1/2005	0.00	0.00	0.00	0.00	0.00	0.00
Average	28.86	152.46	121.26	18.43	130.40	3.63

Total
Average

455.05

Gobernadora Mitigated Flow

	802 POC 2 Mitigated flow	803 POC 3 Mitigated flow	804 POC 4 Mitigated flow	805 POC 5 Mitigated flow	806 POC 6 Mitigated flow	807 POC 7 Mitigated flow
10/1/1958	8.84	20.63	18.12	5.53	41.17	1.16
10/1/1959	11.53	21.78	63.71	7.17	50.77	1.51
10/1/1960	4.67	8.71	19.73	2.78	15.06	0.61
10/1/1961	25.87	64.12	101.67	17.59	140.25	3.48
10/1/1962	12.51	26.32	53.53	7.36	55.53	1.62
10/1/1963	8.74	19.00	29.80	5.21	37.95	1.11
10/1/1964	15.78	45.52	47.55	9.96	74.51	2.04
10/1/1965	25.38	73.54	122.56	16.74	139.53	3.35
10/1/1966	30.77	104.02	136.62	20.40	170.43	4.07
10/1/1967	12.34	24.70	68.68	7.33	58.09	1.51
10/1/1968	48.07	176.81	298.71	33.18	276.79	6.55
10/1/1969	12.04	28.81	32.27	7.40	59.71	1.51
10/1/1970	11.57	27.07	40.83	7.24	53.84	1.51
10/1/1971	12.20	32.14	68.03	7.80	65.83	1.55
10/1/1972	23.61	55.44	150.25	16.33	129.56	3.20
10/1/1973	21.63	55.35	66.33	14.44	117.79	2.90
10/1/1974	18.31	41.88	77.79	12.32	94.71	2.46
10/1/1975	16.75	45.83	56.25	10.34	83.18	2.10
10/1/1976	16.67	40.35	72.06	10.12	78.01	2.11
10/1/1977	47.81	144.49	309.80	34.03	278.73	6.56
10/1/1978	32.75	92.51	158.91	22.46	180.38	4.46
10/1/1979	44.09	138.33	497.45	29.88	252.79	5.76
10/1/1980	8.82	21.22	24.96	5.29	37.25	1.12
10/1/1981	21.43	60.97	99.15	14.14	110.76	2.86
10/1/1982	46.40	133.35	297.03	32.61	263.46	6.38
10/1/1983	12.61	29.73	63.73	7.67	64.91	1.54
10/1/1984	17.38	31.73	97.99	11.53	87.36	2.35
10/1/1985	27.75	68.65	148.55	17.98	145.83	3.58
10/1/1986	8.12	20.02	27.36	4.96	32.21	1.06
10/1/1987	14.87	30.51	49.93	9.13	64.82	1.92
10/1/1988	14.99	35.37	49.67	9.78	74.74	1.97
10/1/1989	11.76	31.20	80.35	7.36	54.41	1.53
10/1/1990	23.95	70.74	155.67	15.95	134.04	3.16
10/1/1991	23.43	58.05	153.93	15.65	127.19	3.08
10/1/1992	55.25	188.05	312.71	38.85	328.99	7.46
10/1/1993	11.60	24.31	47.96	7.22	50.88	1.48
10/1/1994	47.55	145.40	437.69	31.49	268.85	6.17
10/1/1995	17.25	46.27	73.30	11.41	88.68	2.27
10/1/1996	31.94	84.06	143.36	22.32	181.35	4.40
10/1/1997	53.32	164.28	439.93	38.39	318.12	7.33
10/1/1998	7.74	20.17	16.58	4.67	26.62	1.03
10/1/1999	14.69	35.25	68.91	9.48	74.94	1.90
10/1/2000	17.33	46.55	46.91	11.56	90.88	2.34
10/1/2001	3.37	3.72	15.48	1.97	11.85	0.43
10/1/2002	28.40	65.01	185.93	17.97	150.95	3.63
10/1/2003	11.78	23.17	86.08	7.55	58.24	1.49
10/1/2004	42.12	125.14	168.49	28.80	235.63	5.62
10/1/2005	0.00	0.00	0.00	0.00	0.00	0.00
Average	22.04	60.64	123.03	14.67	117.82	2.92

Total
Average

341.12

San Juan Pre-developed Flow

	501 POC 1 Predeveloped flow	502 POC 2 Predeveloped flow	505 POC 5 Predeveloped flow	506 POC 6 Predeveloped flow
10/1/1958	0.000346448	0.000779027	9.374588	3.691323
10/1/1959	11.29418	19.89646	29.67586	12.38941
10/1/1960	36.71167	64.53321	0.099499717	0.075374521
10/1/1961	9.884537	18.33875	117.9937	53.16893
10/1/1962	157.8155	268.0607	9.201766	4.003749
10/1/1963	12.18775	22.867	5.32989	2.517105
10/1/1964	3.287761	6.272013	31.69618	13.65589
10/1/1965	235.4362	401.5699	147.1029	68.7204
10/1/1966	175.8687	303.8176	156.1099	72.54771
10/1/1967	95.07715	164.7229	30.95008	12.91524
10/1/1968	10.95206	19.42006	390.7389	189.5846
10/1/1969	590.0445	1022.277	23.67836	9.620096
10/1/1970	51.40893	89.45171	23.45013	9.661535
10/1/1971	71.42074	122.2841	48.00795	21.77228
10/1/1972	12.09347	21.99582	153.218	71.67232
10/1/1973	210.6411	361.8655	85.07366	37.77964
10/1/1974	122.7717	210.9003	69.18612	30.87624
10/1/1975	88.70511	150.9151	41.81021	18.39517
10/1/1976	55.22581	95.13511	18.85005	8.10021
10/1/1977	28.57841	51.83676	379.6117	183.8202
10/1/1978	566.2582	981.593	213.7004	102.0831
10/1/1979	310.7733	536.0473	469.7014	232.7268
10/1/1980	708.7263	1238.652	4.657829	2.002357
10/1/1981	5.550244	9.944568	94.86642	44.00557
10/1/1982	174.2303	300.9081	349.8293	168.6308
10/1/1983	535.6964	928.7266	42.04202	18.56424
10/1/1984	70.98881	121.6457	93.61293	42.77786
10/1/1985	88.4987	153.5817	131.9377	61.35912
10/1/1986	158.0678	272.7809	5.307653	2.276897
10/1/1987	7.296238	13.21367	22.32669	9.544032
10/1/1988	66.3717	114.8659	47.91098	20.47907
10/1/1989	23.65102	40.17823	46.94204	21.95235
10/1/1990	63.67292	109.7385	156.4861	74.88049
10/1/1991	227.5344	393.4008	145.6122	68.85784
10/1/1992	230.0757	398.4205	432.361	210.3052
10/1/1993	629.0864	1092.351	25.14379	10.30102
10/1/1994	31.42987	54.84893	441.7665	216.6404
10/1/1995	662.694	1154.547	71.32764	32.34537
10/1/1996	201.9226	345.4007	189.9782	89.61736
10/1/1997	293.6289	507.2358	529.1863	259.1403
10/1/1998	677.4296	1181.895	1.479448	0.811588
10/1/1999	1.521151	2.882921	61.06124	27.61421
10/1/2000	83.20766	142.3508	56.33992	25.18777
10/1/2001	77.40163	132.0411	0.121539	0.1071121
10/1/2002	24.39872	43.12999	165.3326	78.03462
10/1/2003	212.5588	368.7415	51.18144	23.41816
10/1/2004	114.7178	199.0257	237.8243	113.6908
10/1/2005	0	0	0	0
Average	175.04	303.28	124.66	59.20

Total Average

662.18

San Juan Inflow to Mitigated

	701 Inflow to POC 1 Mitigated	702 Inflow to POC 2 Mitigated	705 Inflow to POC 5 Mitigated	706 Inflow to POC 6 Mitigated
10/1/1958	0	11.1189	57.97887	54.90704
10/1/1959	16.33814	509.2832	131.2413	139.7117
10/1/1960	44.19917	747.8248	47.21436	53.01643
10/1/1961	21.61069	401.5855	286.4765	270.9152
10/1/1962	50.17973	1020.773	115.8257	131.411
10/1/1963	43.66557	795.9244	88.47083	102.2439
10/1/1964	17.82997	492.2916	162.2268	171.627
10/1/1965	97.84184	1705.845	281.2224	255.8408
10/1/1966	63.59978	1020.22	328.0287	298.4312
10/1/1967	53.4911	1015.82	132.2312	142.3045
10/1/1968	17.45821	386.2155	582.867	490.5597
10/1/1969	158.7146	2349.687	110.4798	115.274
10/1/1970	42.82063	883.1094	116.2779	122.2013
10/1/1971	42.69802	787.9296	134.7776	132.274
10/1/1972	24.02242	399.2176	312.1899	288.5938
10/1/1973	67.54613	1138.664	221.9086	211.0168
10/1/1974	64.80366	1233.355	204.76	201.7101
10/1/1975	35.15617	776.2122	161.6944	165.9816
10/1/1976	39.64035	805.731	170.9524	193.0292
10/1/1977	56.51799	1110.627	596.5926	510.8596
10/1/1978	167.2426	2489.604	392.3185	347.5903
10/1/1979	91.76323	1498.532	628.3068	523.5444
10/1/1980	226.6964	2439.372	76.27604	85.53345
10/1/1981	27.13111	602.8141	247.7534	241.3146
10/1/1982	85.35883	1443.395	591.9536	516.5837
10/1/1983	170.8699	2655.454	136.8284	140.1393
10/1/1984	38.24049	664.7095	216.292	205.9905
10/1/1985	45.54472	771.3133	300.1503	283.8268
10/1/1986	67.40796	1161.32	94.94846	110.7143
10/1/1987	28.67095	671.5653	151.6693	167.5721
10/1/1988	48.12178	954.2443	157.4729	158.6387
10/1/1989	12.04471	387.8747	146.7226	148.4156
10/1/1990	45.67566	690.8768	287.05	255.7077
10/1/1991	87.39523	1311.456	283.816	260.698
10/1/1992	101.364	1563.766	663.795	554.0041
10/1/1993	156.991	2407.778	132.7925	143.1757
10/1/1994	35.3939	700.9427	627.7842	529.0443
10/1/1995	208.424	2510.448	190.8783	183.7466
10/1/1996	88.19505	1704.6	363.9866	319.3862
10/1/1997	94.22404	1414.147	765.7737	638.831
10/1/1998	188.0329	2574.172	83.95495	97.64523
10/1/1999	10.12434	313.0571	160.3068	156.2354
10/1/2000	42.20302	792.1659	178.6439	174.1392
10/1/2001	41.19572	967.3552	41.17455	47.56703
10/1/2002	32.19858	547.2314	320.4052	295.9992
10/1/2003	79.61576	1154.566	148.4027	148.7074
10/1/2004	81.32801	1161.944	461.6508	411.7498
10/1/2005	0	0	0	0
Average	69.35	1,130.77	257.33	238.26

Total Average

1,695.72

San Juan Mitigated Flow

	801 POC 1 Mitigated flow	802 POC 2 Mitigated flow	805 POC 5 Mitigated flow	806 POC 6 Mitigated flow
10/1/1958	0	0	0.7318833	0.3434267
10/1/1959	6.528343	36.69054	11.48686	9.848165
10/1/1960	23.93454	132.448	1.075617	0.943531
10/1/1961	13.89361	87.02666	46.18737	47.36325
10/1/1962	30.42671	170.7651	14.46152	20.25475
10/1/1963	26.25773	178.9089	4.491064	8.249059
10/1/1964	5.780284	33.7444	14.03838	14.1405
10/1/1965	67.46728	482.0033	71.78724	62.21647
10/1/1966	53.2838	500.0108	97.56296	86.45652
10/1/1967	31.89319	215.4468	18.3338	21.08369
10/1/1968	8.45794	69.55981	205.7539	159.5479
10/1/1969	130.5237	1061.164	11.75829	15.39875
10/1/1970	24.78684	147.3519	8.036128	12.64135
10/1/1971	30.22935	201.4489	31.59254	35.11519
10/1/1972	13.87585	72.34703	43.44625	33.83356
10/1/1973	40.74563	225.1678	40.57235	38.65188
10/1/1974	41.38151	326.7085	24.77984	23.99396
10/1/1975	17.18152	84.48589	19.38366	25.39181
10/1/1976	23.84049	127.3873	13.47639	22.89482
10/1/1977	31.08662	158.5705	165.4131	130.4159
10/1/1978	124.702	736.0807	83.52537	64.3968
10/1/1979	63.72669	434.4277	266.9988	205.3981
10/1/1980	202.3393	1124.486	0.311497	0.4385784
10/1/1981	12.00685	66.1527	38.56425	29.56792
10/1/1982	52.98604	377.5807	143.0813	111.7262
10/1/1983	118.2288	653.0089	15.43415	16.83834
10/1/1984	25.50445	150.3118	41.78588	33.88404
10/1/1985	28.07649	175.8807	51.22614	42.46798
10/1/1986	42.0307	248.3923	0.595428	0.6378684
10/1/1987	11.32392	64.42608	11.34457	11.85457
10/1/1988	27.25815	160.5573	10.32161	15.09328
10/1/1989	3.031149	18.62233	28.81462	23.76974
10/1/1990	32.14214	200.7037	89.96711	75.53228
10/1/1991	68.49318	485.2709	55.30469	47.24033
10/1/1992	69.60242	389.0213	218.297	173.424
10/1/1993	126.9909	1033.741	4.467082	3.626032
10/1/1994	16.52501	94.14053	236.6556	183.6492
10/1/1995	176.9749	1140.431	33.09674	30.57755
10/1/1996	56.11921	487.0494	77.76255	65.11594
10/1/1997	66.78421	434.1935	217.0728	159.0888
10/1/1998	141.969	805.6273	0.3350901	0.1338471
10/1/1999	2.269903	13.90085	25.0026	20.56194
10/1/2000	26.00888	157.3849	27.29189	27.86464
10/1/2001	22.23144	189.4562	0.4201449	1.187967
10/1/2002	19.38097	142.0564	92.78454	79.93647
10/1/2003	60.62575	403.5886	26.87338	25.5087
10/1/2004	60.12067	335.7016	117.4247	100.6956
10/1/2005	0	0	0	0
Average	48.49	315.60	58.70	49.34

Total Average

472.14