

# **Exhibit 7**

## **Truckee River Operations Model**

### **Monthly Reservoir Exceedence Frequency Data for**

### **Current Conditions and Alternatives**

# CURRENT CONDITIONS

## Boca Reservoir Exceedence Frequency Data

Jul 2, 2003

### curr02.Bocasto

#### STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	32900	32368	32900	32900	32900	32900	37100	40900	40900	40890	39985	36396
10%	31472	26559	31729	32900	32900	32900	37100	40900	40900	40890	37699	28470
20%	22166	21422	23440	28538	32900	32900	37100	40685	40900	40609	30427	17674
30%	18654	16742	17670	16888	21252	32900	37100	40313	40822	39978	23912	10694
40%	15263	13659	13561	14136	15368	29109	37100	39948	40673	39700	18958	8149
50%	9865	6655	7358	9868	13295	21928	37100	38878	40415	34950	15620	7250
60%	8395	5012	4000	5432	8110	15406	33400	37430	40161	30841	10695	6624
70%	6234	2400	1262	1139	3997	10522	29036	34828	39940	25065	5880	5682
80%	4443	703	188	66	86	5809	17131	30589	30934	17239	4364	4155
90%	1791	38	33	30	38	216	5669	16195	9195	4014	2383	1744
95%	425	23	26	14	26	51	1320	2969	614	135	47	53

### curr02Boca.elev

#### ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5596.45	5595.85	5596.45	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5604.13	5600.33
10%	5594.81	5588.91	5595.11	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5601.73	5591.26
20%	5583.15	5582.11	5584.88	5591.34	5596.45	5596.45	5601.09	5604.85	5605.07	5604.77	5593.60	5576.58
30%	5578.09	5575.11	5576.58	5575.35	5581.88	5596.45	5601.09	5604.47	5604.99	5604.12	5585.50	5564.26
40%	5572.68	5569.91	5569.73	5570.75	5572.86	5592.03	5601.09	5604.09	5604.84	5603.84	5578.54	5558.70
50%	5562.53	5554.99	5556.79	5562.54	5569.25	5582.82	5601.09	5602.98	5604.57	5598.75	5573.28	5556.52
60%	5559.27	5550.34	5547.02	5551.60	5558.61	5572.93	5597.02	5601.44	5604.31	5594.08	5564.26	5554.91
70%	5553.87	5540.41	5533.77	5532.89	5547.01	5563.91	5591.94	5598.61	5604.08	5587.01	5552.89	5552.33
80%	5548.53	5529.33	5523.78	5522.06	5522.35	5552.69	5575.73	5593.79	5594.19	5575.90	5548.27	5547.56
90%	5537.16	5521.61	5521.53	5521.48	5521.61	5524.15	5552.29	5574.23	5561.08	5547.07	5540.33	5536.88
95%	5526.60	5521.37	5521.42	5521.23	5521.42	5521.82	5534.18	5543.03	5528.50	5523.07	5521.76	5521.85

### curr02Boca.area

#### AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	881	874	881	881	881	881	931	978	978	978	967	923
10%	863	798	866	881	881	881	931	978	978	978	939	825
20%	727	713	748	826	881	881	931	975	978	974	851	643
30%	662	624	643	627	710	881	931	971	977	966	757	491
40%	594	560	558	570	596	833	931	966	975	963	668	424
50%	470	381	402	470	552	723	931	953	972	905	601	399
60%	431	325	283	341	423	597	887	935	969	856	491	380
70%	368	204	142	135	283	487	832	904	966	775	357	350
80%	302	110	76	65	67	354	632	853	857	634	299	290
90%	171	63	62	62	63	78	349	613	453	284	203	169
95%	93	61	62	60	62	64	145	233	105	71	64	64

### curr02Boca.hab.h2

#### HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.49	19.43	19.12	19.00	19.38	19.18	18.90	18.93	18.78	19.16	19.50	19.45
10%	19.31	19.00	19.00	18.99	19.09	18.96	18.55	18.25	18.00	19.05	19.36	19.09
20%	18.98	18.96	18.62	18.41	18.77	18.36	17.77	18.00	18.00	18.01	18.92	18.85
30%	18.78	18.77	18.34	18.00	18.00	18.00	16.59	18.00	18.00	18.00	18.72	18.52
40%	18.51	18.17	18.00	17.75	17.97	17.18	16.59	17.99	18.00	18.00	18.50	18.00
50%	18.00	18.00	16.88	16.45	16.45	16.45	16.59	17.68	18.00	17.89	18.00	18.00
60%	18.00	16.93	16.45	16.45	16.45	16.45	16.59	17.36	18.00	17.58	18.00	17.84
70%	17.50	15.39	11.47	10.94	16.01	16.45	16.59	17.02	17.85	17.06	17.43	17.55
80%	16.45	9.73	9.00	6.34	8.04	16.17	16.48	16.50	17.58	16.44	16.50	17.07
90%	13.50	3.65	3.17	2.90	3.65	9.00	16.14	16.16	16.77	15.51	13.87	12.45
95%	9.14	2.21	2.53	1.35	2.53	4.90	11.78	15.17	9.55	7.78	4.53	5.15

# Donner Lake Exceedence Frequency Data

Jul 2, 2003

## curr02.Donnsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5000	3482	4966	5015	5144	5014	6514	9500	9500	9500	9492	9379
10%	5000	2982	3913	3987	3946	4993	6271	9500	9500	9500	9363	8771
20%	5000	2890	3562	3580	3710	4680	5632	9500	9500	9500	9223	6664
30%	5000	2890	3264	3429	3568	4346	5408	9500	9500	9500	9141	6003
40%	5000	2890	3155	3281	3530	4123	5000	9500	9500	9500	9033	5921
50%	5000	2890	2925	3195	3415	3895	5000	9418	9500	9420	8932	5850
60%	5000	2890	2890	3106	3298	3824	5000	8864	9500	9281	8774	5760
70%	5000	2890	2890	2890	3059	3659	5000	8351	9500	9151	8604	5693
80%	5000	2890	2890	2890	2890	3523	5000	8104	9084	8684	8078	5489
90%	4751	2890	2890	2890	2890	3343	5000	7921	8271	7732	7222	4904
95%	4574	2890	2890	2890	2890	3261	5000	7798	7834	7267	6686	4670

## curr02Donn.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5930.39	5928.47	5930.35	5930.41	5930.57	5930.41	5932.25	5935.80	5935.80	5935.80	5935.79	5935.66
10%	5930.39	5927.82	5929.02	5929.12	5929.06	5930.38	5931.96	5935.80	5935.80	5935.80	5935.64	5934.95
20%	5930.39	5927.70	5928.57	5928.59	5928.76	5929.99	5931.17	5935.80	5935.80	5935.80	5935.48	5932.43
30%	5930.39	5927.70	5928.19	5928.40	5928.58	5929.57	5930.90	5935.80	5935.80	5935.80	5935.38	5931.63
40%	5930.39	5927.70	5928.05	5928.21	5928.53	5929.29	5930.39	5935.80	5935.80	5935.80	5935.26	5931.53
50%	5930.39	5927.70	5927.75	5928.10	5928.38	5929.00	5930.39	5935.71	5935.80	5935.71	5935.14	5931.44
60%	5930.39	5927.70	5927.70	5927.99	5928.23	5928.91	5930.39	5935.06	5935.80	5935.55	5934.96	5931.33
70%	5930.39	5927.70	5927.70	5927.70	5927.92	5928.70	5930.39	5934.46	5935.80	5935.40	5934.75	5931.25
80%	5930.39	5927.70	5927.70	5927.70	5927.70	5928.52	5930.39	5934.16	5935.32	5934.85	5934.13	5931.00
90%	5930.08	5927.70	5927.70	5927.70	5927.70	5928.29	5930.39	5933.95	5934.36	5933.72	5933.11	5930.27
95%	5929.86	5927.70	5927.70	5927.70	5927.70	5928.19	5930.39	5933.80	5933.84	5933.16	5932.46	5929.98

## curr02Donn.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	803	778	802	803	805	803	823	864	864	864	863	861
10%	803	770	785	786	786	803	820	864	864	864	861	850
20%	803	768	779	780	782	798	812	864	864	864	858	824
30%	803	768	774	777	780	792	809	864	864	864	857	816
40%	803	768	773	775	779	789	803	864	864	864	854	815
50%	803	768	769	773	777	785	803	862	864	862	852	814
60%	803	768	768	772	775	784	803	851	864	859	850	813
70%	803	768	768	768	771	781	803	845	864	857	848	812
80%	803	768	768	768	768	779	803	842	855	848	841	810
90%	799	768	768	768	768	776	803	839	844	837	831	801
95%	796	768	768	768	768	774	803	838	838	832	825	798

## curr02Donn.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.50	20.30	20.30	20.30	20.30	19.83	19.11	20.61	20.61	20.61	20.54	20.19
10%	19.42	20.30	20.30	20.30	20.30	19.73	19.11	20.61	20.61	20.61	19.49	19.47
20%	19.11	20.30	20.30	20.30	20.30	19.50	19.11	20.61	20.61	20.61	18.36	18.97
30%	19.11	20.30	20.30	20.30	20.08	19.50	19.11	20.61	20.61	20.61	17.69	18.05
40%	19.11	20.30	20.30	20.02	19.77	19.50	19.11	20.61	20.61	20.61	16.81	17.66
50%	19.11	20.30	20.25	19.90	19.62	19.50	19.11	19.94	20.61	19.96	16.06	17.36
60%	19.11	20.30	19.95	19.80	19.50	19.50	19.11	15.67	20.61	18.82	15.41	17.07
70%	19.11	20.30	19.82	19.61	19.50	19.50	18.60	15.00	20.61	17.77	15.00	16.90
80%	19.11	20.30	19.50	19.50	19.50	19.49	17.99	15.00	17.22	15.26	15.00	16.65
90%	19.11	20.22	19.50	19.50	19.50	19.12	16.22	15.00	15.00	15.00	15.00	15.28
95%	19.11	19.57	19.21	18.96	19.05	19.10	15.60	15.00	15.00	15.00	15.00	15.00

# Independence Lake Exceedence Frequency Data

Jul 2, 2003

## curr02.Indesto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	15000	14809	15000	15000	15000	15000	15700	16500	17200	17200	17200	16394
10%	14904	14500	14802	15000	15000	15000	15700	16500	17200	17200	17200	15517
20%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	17044	15500
30%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16948	15403
40%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16861	15400
50%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16655	15400
60%	14500	14500	14500	14500	14995	15000	15700	16500	17200	17200	16188	15400
70%	14500	14460	14471	14484	14917	15000	15700	16500	17200	16955	16100	15400
80%	14500	14386	14398	14404	14740	15000	15700	16500	17200	16734	16100	15400
90%	13922	13835	13835	13835	14482	15000	15700	16500	16798	15678	15028	14821
95%	13239	13232	13232	13232	13702	14633	15606	16498	16469	15225	13865	13658

## curr02Inde.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6945.68	6945.39	6945.68	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6947.72
10%	6945.53	6944.93	6945.38	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.44
20%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.41
30%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.27
40%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.27
50%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.27
60%	6944.93	6944.93	6944.93	6944.93	6945.67	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.27
70%	6944.93	6944.87	6944.89	6944.91	6945.55	6945.68	6946.71	6947.87	6948.87	6948.87	6948.52	6946.27
80%	6944.93	6944.76	6944.78	6944.79	6945.29	6945.68	6946.71	6947.87	6948.87	6948.21	6947.29	6946.27
90%	6944.07	6943.94	6943.94	6943.94	6944.91	6945.68	6946.71	6947.87	6948.30	6946.67	6945.72	6945.41
95%	6943.04	6943.03	6943.03	6943.03	6943.74	6945.13	6946.57	6947.87	6947.83	6946.01	6943.99	6943.67

## curr02Inde.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	675	674	675	675	675	675	683	693	704	704	704	691
10%	675	672	674	675	675	675	683	693	704	704	704	681
20%	672	672	672	672	675	675	683	693	704	704	701	680
30%	672	672	672	672	675	675	683	693	704	704	700	679
40%	672	672	672	672	675	675	683	693	704	704	698	679
50%	672	672	672	672	675	675	683	693	704	704	695	679
60%	672	672	672	672	675	675	683	693	704	704	689	679
70%	672	671	671	672	675	675	683	693	704	700	688	679
80%	672	671	671	671	673	675	683	693	704	696	688	679
90%	667	667	667	667	672	675	683	693	697	682	676	674
95%	662	662	662	662	666	673	682	693	692	677	667	665

## curr02Inde.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	12.50
10%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	8.81
20%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.80	8.74
30%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.52	8.31
40%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.17	8.30
50%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	13.28	8.30
60%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	12.07	8.30
70%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	14.53	11.66	8.30
80%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	13.62	11.66	8.30
90%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	13.89	9.86	7.75	7.70
95%	7.50	7.50	7.50	7.50	7.50	7.50	9.45	12.87	12.82	9.00	7.50	7.50

# Lahontan Reservoir Exceedence Frequency Data

Jul 2, 2003

## curr02.Lahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	237582	240387	257146	302829	316900	316900	316900	316900	316900	316900	276879	245228
10%	221129	224919	244201	265367	296776	315618	316900	316900	316900	308897	265944	234182
20%	200550	205279	222889	239928	261371	285697	296960	316900	316900	293183	247120	213168
30%	175298	180254	196632	217235	240363	261972	272424	278400	305860	270489	223088	189074
40%	133321	141152	154346	180982	212168	230945	239014	245913	261687	227120	180278	146704
50%	89552	95880	123975	152665	181462	207092	213350	222568	220770	181305	135325	102315
60%	73456	84000	111000	140527	170251	194165	199879	206791	203769	168356	121592	88038
70%	63530	84000	111000	129976	156330	180736	186795	199205	198945	157237	111359	78074
80%	62000	80574	105139	123983	147238	165550	172590	190938	175691	132371	94002	71152
90%	31185	48765	75550	104520	129307	154726	156569	159698	140431	97322	57583	33962
95%	3990	9248	27554	50889	80258	132695	144499	125861	85440	35390	3990	3867

## curr02Laho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	4156.68	4156.99	4158.73	4162.52	4163.50	4163.50	4163.50	4163.50	4163.50	4163.50	4160.52	4157.51
10%	4154.80	4155.25	4157.40	4159.51	4162.09	4163.41	4163.50	4163.50	4163.50	4162.96	4159.56	4156.31
20%	4152.25	4152.86	4155.01	4156.94	4159.14	4161.24	4162.10	4163.50	4163.50	4161.82	4157.71	4153.84
30%	4148.82	4149.52	4151.75	4154.34	4156.99	4159.19	4160.15	4160.65	4162.74	4159.98	4155.04	4150.74
40%	4141.94	4143.33	4145.58	4149.63	4153.72	4155.94	4156.84	4157.58	4159.17	4155.50	4149.53	4144.29
50%	4133.13	4134.54	4140.22	4145.31	4149.69	4153.09	4153.87	4154.98	4154.76	4149.67	4142.30	4135.92
60%	4129.14	4131.83	4137.71	4143.22	4148.08	4151.42	4152.17	4153.05	4152.67	4147.79	4139.77	4132.78
70%	4126.23	4131.83	4137.71	4141.33	4145.91	4149.59	4150.43	4152.08	4152.05	4146.06	4137.78	4130.36
80%	4125.73	4131.00	4136.51	4140.22	4144.39	4147.36	4148.42	4151.00	4148.87	4141.77	4134.13	4128.50
90%	4113.00	4121.04	4132.71	4136.38	4141.21	4145.65	4145.95	4146.45	4143.20	4143.85	4124.25	4114.47
95%	4089.62	4096.47	4110.88	4121.85	4130.92	4141.83	4143.92	4140.57	4132.17	4115.19	4089.62	4089.43

## curr02Laho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9096	9214	10115	13961	14827	14827	14827	14827	14827	14827	11923	9444
10%	8436	8580	9395	10808	13552	14755	14827	14827	14827	14372	10863	8953
20%	7747	7878	8500	9195	10427	12719	13564	14827	14827	13289	9534	8149
30%	6901	7085	7643	8295	9213	10484	11486	12072	14167	11297	8508	7422
40%	5563	5697	6063	7111	8113	8818	9156	9477	10457	8667	7086	5802
50%	4379	4576	5319	5984	7128	7934	8155	8488	8423	7122	5600	4749
60%	3647	4171	4991	5686	6688	7580	7728	7923	7836	6622	5260	4324
70%	3120	4171	4991	5476	6157	7102	7331	7710	7702	6199	5003	3908
80%	3051	4052	4817	5319	5814	6532	6787	7497	6918	5538	4520	3548
90%	1796	2573	3764	4802	5458	6081	6169	6305	5685	4619	2920	1952
95%	633	907	1654	2653	4034	5547	5754	5368	4224	2025	633	625

## curr02Laho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	539.82	561.36	840.16	1382.23	1536.80	1625.46	1615.07	1566.04	1492.11	1652.82	1539.26	604.03
10%	441.19	458.48	591.37	1135.91	1358.79	1487.05	1492.35	1389.52	1379.85	1576.25	1152.52	514.68
20%	407.53	402.25	448.29	552.84	923.15	1358.79	1358.79	1358.79	1358.79	1429.58	620.74	419.74
30%	363.66	354.80	395.44	426.17	556.96	985.68	1348.32	1358.79	1358.79	1254.63	450.21	347.75
40%	284.03	309.14	276.40	384.42	419.73	493.01	549.44	609.42	963.57	469.67	376.45	305.72
50%	235.53	271.68	210.38	299.58	394.54	417.04	415.07	449.49	439.91	399.36	245.02	274.02
60%	204.96	271.68	209.22	204.90	363.93	399.69	396.15	396.46	391.00	361.50	215.41	236.35
70%	161.75	243.46	209.22	191.73	316.32	374.50	375.97	369.52	354.07	344.37	199.18	222.41
80%	132.43	193.71	206.61	185.59	215.17	335.31	341.41	326.82	326.65	220.74	186.95	170.60
90%	109.48	126.32	160.75	153.63	162.77	301.01	308.93	268.80	280.61	174.31	128.50	117.87
95%	60.00	69.07	98.24	141.16	149.57	223.44	226.04	193.57	208.56	132.59	60.00	60.00

# Prosser Creek Reservoir Exceedence Frequency Data

Jul 2, 2003

## curr02.Prosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9800	9800	9800	9800	9800	9800	19700	29657	29800	29800	29340	29020
10%	9800	9787	9800	9800	9800	9800	19700	28838	29800	29800	29340	29020
20%	9800	9740	9760	9800	9800	9800	19700	27474	29780	29740	28900	28580
30%	9800	9740	9720	9719	9800	9800	19700	26076	28591	29340	28184	27805
40%	9800	9740	9720	9690	9775	9800	19489	23691	27740	28336	23703	23433
50%	9800	9740	9720	9690	9670	9800	17480	18932	26950	21652	14890	13900
60%	9122	8655	8838	9149	9670	9610	12885	13314	21680	12862	10061	9184
70%	6322	6282	6688	7040	8059	9610	9860	10638	14495	7432	7096	6426
80%	2606	2320	3588	4659	5454	7186	9540	9918	9650	3763	3524	3190
90%	1613	1575	1589	1729	1623	2532	6572	9022	5321	1810	1700	1653
95%	1239	1200	1200	1228	1200	1208	2666	3441	1707	1304	1284	1242

## curr02Pros.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5740.94	5741.13	5741.13	5740.52	5740.08
10%	5703.60	5703.56	5703.60	5703.60	5703.60	5703.60	5725.70	5739.83	5741.13	5741.13	5740.52	5740.08
20%	5703.60	5703.42	5703.48	5703.60	5703.60	5703.60	5725.70	5737.94	5741.11	5741.05	5739.92	5739.48
30%	5703.60	5703.42	5703.36	5703.36	5703.60	5703.60	5725.70	5735.93	5739.50	5740.52	5738.93	5738.40
40%	5703.60	5703.42	5703.36	5703.27	5703.52	5703.60	5725.32	5732.32	5738.31	5739.14	5732.33	5731.91
50%	5703.60	5703.42	5703.36	5703.27	5703.21	5703.60	5721.62	5724.32	5737.19	5729.04	5716.36	5714.18
60%	5701.53	5700.04	5700.63	5701.62	5703.21	5703.03	5711.81	5712.83	5729.08	5711.76	5704.37	5701.73
70%	5691.67	5691.51	5693.10	5694.42	5698.05	5703.03	5703.78	5706.01	5715.51	5695.86	5694.63	5692.08
80%	5672.71	5670.66	5678.84	5684.44	5688.07	5694.96	5702.82	5703.95	5703.15	5679.83	5678.48	5676.50
90%	5664.84	5664.62	5665.62	5665.89	5664.93	5672.12	5692.65	5701.22	5687.48	5666.60	5665.63	5665.21
95%	5661.08	5660.64	5660.64	5660.96	5660.64	5660.73	5673.12	5678.00	5665.69	5661.78	5661.57	5661.11

## curr02Pros.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	337	337	337	337	337	337	567	747	750	750	741	735
10%	337	336	337	337	337	337	567	732	750	750	741	735
20%	337	335	336	337	337	337	567	707	750	749	733	727
30%	337	335	335	335	337	337	567	682	727	741	720	713
40%	337	335	335	334	336	337	563	640	712	723	640	635
50%	337	335	335	334	334	337	522	552	698	603	465	441
60%	319	307	312	320	334	332	417	427	604	416	343	321
70%	252	251	261	269	292	332	338	359	456	278	270	254
80%	145	135	176	208	230	273	330	340	333	181	174	163
90%	108	106	107	113	109	142	258	317	227	116	112	110
95%	90	89	89	90	89	89	147	171	112	94	93	91

## curr02Pros.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	20.44	20.63	20.63	20.01	19.59
10%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	19.51	20.63	20.63	20.01	19.59
20%	12.90	13.00	13.00	13.00	13.00	12.96	16.50	18.94	20.61	20.55	19.50	19.50
30%	12.90	13.00	13.00	12.96	12.90	12.90	16.50	17.88	19.50	20.01	19.50	19.35
40%	12.90	13.00	12.90	12.90	12.90	12.90	16.50	16.74	19.25	19.50	16.76	16.78
50%	12.90	12.90	12.90	12.90	12.90	12.90	16.50	16.50	18.19	16.50	16.38	16.03
60%	11.85	11.09	11.40	11.85	12.90	12.90	15.06	15.00	16.70	15.40	13.34	11.95
70%	9.23	9.05	9.20	9.31	10.28	12.90	12.90	14.01	16.20	10.18	9.90	9.42
80%	7.34	7.13	7.94	8.77	9.00	9.56	12.82	12.86	12.38	7.97	7.90	7.63
90%	6.64	6.50	6.51	6.50	6.53	7.01	9.00	11.70	8.89	6.82	6.89	6.87
95%	6.14	6.00	6.00	6.14	6.00	6.00	7.31	7.70	6.74	6.14	6.19	6.18

# Stampede Reservoir Exceedence Frequency Data

Jul 2, 2003

## curr02.Stamsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	204500	204500	204500	204500	204500	204500	215100	225273	226324	226500	220305	218592
10%	204500	204455	204500	204500	204500	204500	215100	223835	225937	226500	219598	217309
20%	204500	203950	204126	204388	204500	204500	214521	219350	224877	226032	217878	215243
30%	204500	203950	203690	203681	204204	203950	204945	214794	223691	218158	213018	210720
40%	204500	202989	202448	202135	202650	203238	203258	206956	220019	213581	208408	206491
50%	173278	173590	174547	175422	181283	186220	193802	192345	187150	180738	178310	177770
60%	135950	135045	139540	139088	140870	148203	163494	171835	161257	146312	138341	136469
70%	105445	104860	105403	106543	108747	110041	114506	139570	125220	112438	106496	105855
80%	74763	73133	74654	71461	75318	70925	73531	76532	88573	80266	76493	76020
90%	20578	18851	15727	13804	12904	13067	30510	36480	32690	25749	22801	20595
95%	8708	8406	8405	8569	8808	8759	11125	14181	12165	10936	9277	8861

## curr02Stam.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5948.41	5948.72	5948.77	5946.96	5946.45
10%	5942.21	5942.19	5942.21	5942.21	5942.21	5942.21	5945.41	5947.99	5948.60	5948.77	5946.75	5946.07
20%	5942.21	5942.04	5942.09	5942.17	5942.21	5942.21	5945.24	5946.67	5948.30	5948.63	5946.24	5945.46
30%	5942.21	5942.04	5941.96	5941.96	5942.12	5942.04	5942.34	5945.32	5947.95	5946.32	5944.79	5944.10
40%	5942.21	5941.74	5941.58	5941.48	5941.64	5941.82	5941.83	5942.96	5946.87	5944.96	5943.40	5942.82
50%	5932.13	5932.24	5932.56	5932.86	5934.82	5936.44	5938.88	5938.41	5936.74	5934.64	5933.83	5933.65
60%	5918.45	5918.09	5919.85	5919.68	5920.37	5923.16	5928.73	5931.64	5927.93	5922.44	5919.39	5918.65
70%	5905.39	5905.12	5905.37	5905.90	5906.92	5907.51	5909.51	5919.86	5914.10	5908.59	5905.88	5905.58
80%	5889.40	5888.43	5889.33	5887.43	5889.72	5887.10	5888.67	5890.43	5897.06	5892.56	5890.41	5890.13
90%	5839.52	5836.62	5830.71	5826.49	5824.33	5824.73	5853.45	5860.19	5856.03	5847.24	5842.98	5839.54
95%	5812.59	5811.62	5811.61	5812.15	5812.91	5812.75	5819.72	5827.36	5822.48	5819.20	5814.37	5813.08

## curr02Stam.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	3260	3260	3260	3260	3260	3260	3351	3435	3444	3445	3394	3380
10%	3260	3260	3260	3260	3260	3260	3351	3423	3441	3445	3388	3369
20%	3260	3255	3257	3259	3260	3260	3346	3386	3432	3441	3374	3352
30%	3260	3255	3253	3253	3257	3255	3264	3349	3422	3376	3334	3315
40%	3260	3247	3242	3239	3244	3249	3249	3282	3391	3339	3295	3278
50%	2930	2933	2944	2954	3021	3077	3158	3143	3087	3015	2987	2981
60%	2535	2525	2576	2571	2590	2667	2822	2913	2799	2648	2562	2541
70%	2141	2133	2141	2156	2186	2203	2262	2576	2403	2235	2156	2147
80%	1701	1675	1699	1649	1710	1640	1681	1729	1908	1786	1728	1721
90%	619	575	483	429	406	410	820	956	870	719	665	620
95%	313	306	306	310	315	314	366	439	389	362	326	317

## curr02Stam.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	49.91	49.97	49.92	49.94	50.77	51.04	50.31	50.68	49.88	49.50	49.83	49.85
10%	46.80	46.74	47.08	47.65	48.72	49.19	47.25	49.14	47.53	46.76	46.81	46.56
20%	44.23	44.91	44.94	45.48	45.18	45.07	44.92	45.15	43.87	43.50	43.73	44.33
30%	44.09	44.42	44.58	44.69	44.32	44.47	44.39	43.44	42.67	42.77	43.50	43.50
40%	44.09	44.42	44.39	44.22	44.09	44.26	43.50	42.47	42.42	42.77	42.27	42.85
50%	44.09	44.12	44.09	44.09	44.09	44.09	42.03	42.01	42.17	42.14	41.74	42.00
60%	44.09	43.92	44.09	44.09	44.07	44.09	41.67	41.93	42.01	41.92	41.32	41.33
70%	42.00	42.00	41.99	42.09	42.90	42.28	41.67	41.13	42.00	41.00	41.12	41.01
80%	40.50	40.50	40.50	40.75	40.94	40.50	40.46	40.51	40.86	40.58	40.50	40.48
90%	23.27	19.43	16.93	15.63	14.60	14.92	27.32	31.30	27.33	24.31	23.76	22.33
95%	11.16	10.74	10.56	10.83	10.84	10.82	12.06	15.82	12.97	11.83	11.22	11.45

# Lake Tahoe Exceedence Frequency Data

Jul 2, 2003

## curr02.Tahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	658154	646665	654174	663848	670903	693695	701269	732000	732000	732000	706162	674260
10%	626313	623750	627304	645154	652209	669028	680816	722957	732000	732000	699703	663286
20%	589851	582081	609648	617606	616391	615594	642889	699792	732000	731903	688979	637967
30%	566146	558009	562975	593277	598726	596980	616088	679028	732000	720285	678420	613987
40%	542515	532197	527096	554022	567797	562319	587747	658642	731756	708179	646711	590811
50%	490668	485472	481365	524188	525725	531132	539700	619285	674318	650988	607493	554610
60%	397278	376878	422013	427489	476199	486189	501476	562568	574898	562858	509131	451508
70%	316558	292442	291617	302950	321579	356536	393400	447651	491248	461440	415528	365462
80%	142425	130117	135674	152212	212114	225159	240778	295340	341340	321022	250105	191640
90%	-11837	-29363	-30688	-21509	16422	56462	104227	145163	161522	131893	81672	26925
95%	-89223	-114228	-113296	-103744	-82321	-43296	-19691	32754	63919	41688	-592	-53372

## curr02Taho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6228.40	6228.30	6228.36	6228.44	6228.50	6228.69	6228.75	6229.00	6229.00	6229.00	6228.79	6228.53
10%	6228.14	6228.12	6228.15	6228.29	6228.35	6228.49	6228.58	6228.92	6229.00	6229.00	6228.73	6228.44
20%	6227.84	6227.78	6228.00	6228.07	6228.06	6228.05	6228.27	6228.74	6229.00	6229.00	6228.65	6228.23
30%	6227.65	6227.58	6227.62	6227.87	6227.91	6227.90	6228.06	6228.57	6229.00	6228.90	6228.56	6228.04
40%	6227.46	6227.37	6227.33	6227.55	6227.66	6227.62	6227.82	6228.40	6229.00	6228.80	6228.30	6227.85
50%	6227.03	6226.99	6226.96	6227.31	6227.32	6227.36	6227.43	6228.08	6228.53	6228.34	6227.99	6227.55
60%	6226.27	6226.10	6226.47	6226.51	6226.91	6227.00	6227.12	6227.62	6227.72	6227.62	6227.18	6226.71
70%	6225.60	6225.41	6225.40	6225.49	6225.65	6225.93	6226.23	6226.68	6227.04	6226.79	6226.42	6226.01
80%	6224.17	6224.07	6224.12	6224.25	6224.75	6224.85	6224.98	6225.43	6225.81	6225.64	6225.06	6224.58
90%	6222.90	6222.76	6222.75	6222.82	6223.14	6223.47	6223.86	6224.20	6224.33	6224.09	6223.67	6223.22
95%	6222.26	6222.06	6222.06	6222.14	6222.32	6222.64	6222.84	6223.27	6223.53	6223.34	6223.00	6222.56

## curr02Taho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	122995	122973	122988	123006	123020	123065	123079	123139	123139	123139	123089	123027
10%	122933	122928	122935	122970	122970	122984	123017	123040	123122	123139	123139	123076
20%	122783	122736	122901	122916	122914	122912	122966	123077	123139	123139	123055	122956
30%	122639	122590	122620	122803	122836	122826	122913	123036	123139	123116	123035	122909
40%	122497	122434	122404	122566	122649	122616	122770	122996	123139	123093	122973	122788
50%	122184	122157	122148	122386	122395	122428	122480	122919	123027	122981	122889	122570
60%	121969	121926	122022	122034	122137	122159	122249	122618	122692	122620	122295	122085
70%	121813	121769	121768	121788	121822	121885	121961	122077	122187	122106	122008	121902
80%	121515	121494	121504	121531	121629	121651	121676	121775	121858	121821	121693	121596
90%	121246	121209	121207	121226	121298	121368	121450	121519	121546	121497	121411	121317
95%	121086	121034	121036	121056	121100	121181	121229	121327	121381	121342	121269	121160

## curr02Taho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	866.01	866.48	869.45	868.67	868.24	868.10	867.40	865.29	859.82	863.66	865.48	868.64
10%	860.31	860.05	868.27	866.01	867.04	863.22	865.35	862.85	810.52	826.55	863.98	866.96
20%	783.50	733.10	843.94	861.97	859.23	838.74	857.77	851.46	642.01	708.59	829.29	862.84
30%	690.26	659.19	670.21	781.75	814.22	772.31	792.91	785.84	611.16	660.13	793.96	846.11
40%	606.59	562.77	543.33	645.42	707.42	669.49	727.75	734.42	611.16	611.60	753.94	777.81
50%	516.49	475.91	466.52	528.78	535.30	558.27	589.14	666.03	611.16	611.16	704.13	646.84
60%	406.29	412.39	391.33	433.13	453.62	455.92	467.26	602.35	611.16	591.77	513.63	436.32
70%	353.93	356.90	360.81	363.12	368.23	371.42	373.71	402.95	446.37	403.88	376.23	362.49
80%	330.89	327.59	334.69	334.83	335.67	339.75	338.61	346.28	350.02	355.31	346.93	336.86
90%	315.32	315.28	316.79	315.38	309.11	310.46	312.38	311.74	316.23	316.47	320.43	317.95
95%	310.80	308.76	308.81	307.56	306.83	306.34	308.44	307.45	310.03	312.26	307.66	308.86



# NO ACTION ALTERNATIVE

## Boca Reservoir Exceedence Frequency Data

Jul 2, 2003

noaction.Bocasto

### STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	32900	32135	32900	32900	32900	32900	37100	40900	40900	40890	39898	37373
10%	29722	25466	31129	32900	32900	32900	37100	40900	40900	40890	38982	28179
20%	21819	19617	21348	24658	32538	32900	37100	40685	40900	40264	30408	17993
30%	17454	16120	16964	16903	19780	32900	37100	40291	40808	39866	24754	11095
40%	14099	11553	11741	13236	16238	29478	37100	39929	40594	39500	19067	8051
50%	8988	4878	5990	9918	12322	21678	37092	38730	40402	35038	14805	7140
60%	7437	3799	2955	3919	8900	16073	33400	37355	40116	31199	10275	6112
70%	6565	2582	1506	1266	2683	10990	27360	34828	39940	24011	4910	5575
80%	4954	1025	302	253	335	3636	15182	27821	27508	16112	4395	4481
90%	1937	164	158	109	113	221	6428	14870	8006	3834	1362	1789
95%	584	59	52	41	58	121	1248	2179	940	379	58	198

noactionBoca.elev

### ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5596.45	5595.58	5596.45	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5604.04	5601.38
10%	5592.76	5587.52	5594.42	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5603.09	5590.91
20%	5582.67	5579.52	5582.01	5586.48	5596.04	5596.45	5601.09	5604.85	5605.07	5604.42	5593.57	5577.08
30%	5576.24	5574.11	5575.47	5575.37	5579.76	5596.45	5601.09	5604.45	5604.98	5604.01	5586.60	5565.07
40%	5570.68	5565.98	5566.34	5569.14	5574.30	5592.47	5601.09	5604.07	5604.76	5603.63	5578.71	5558.47
50%	5560.62	5549.93	5553.20	5562.65	5567.45	5582.47	5601.08	5602.82	5604.56	5598.85	5571.91	5556.24
60%	5556.98	5546.30	5542.97	5546.73	5560.43	5574.03	5597.02	5601.36	5604.27	5594.50	5563.40	5553.53
70%	5554.75	5541.29	5535.41	5533.80	5541.76	5564.86	5589.90	5598.61	5604.08	5585.63	5550.03	5552.02
80%	5550.17	5532.03	5525.21	5524.61	5525.59	5545.69	5572.55	5590.47	5590.09	5574.09	5548.37	5548.66
90%	5537.99	5523.46	5523.38	5522.61	5522.75	5524.21	5554.39	5572.02	5558.36	5546.42	5534.46	5537.14
95%	5528.22	5521.95	5521.84	5521.66	5521.94	5522.87	5533.67	5539.30	5531.35	5526.10	5521.94	5523.92

noactionBoca.area

### AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	881	871	881	881	881	881	931	978	978	978	965	935
10%	841	781	859	881	881	881	931	978	978	978	954	821
20%	721	680	712	769	876	881	931	975	978	970	850	649
30%	638	611	629	627	683	881	931	970	977	965	770	501
40%	569	512	516	551	614	838	931	966	974	961	669	422
50%	447	320	360	472	529	718	931	951	972	906	585	396
60%	405	274	233	279	445	610	887	934	968	860	481	364
70%	378	213	156	142	218	498	810	904	966	758	321	346
80%	323	129	84	81	87	266	593	816	812	611	300	304
90%	179	74	73	69	70	78	374	586	420	275	148	171
95%	103	65	64	63	65	70	141	192	124	90	65	77

noactionBoca.hab.h2

### HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.50	19.32	19.25	19.33	19.18	18.91	18.69	19.01	18.72	19.45	19.41	19.42
10%	19.25	19.17	18.98	18.98	18.96	18.60	18.06	18.12	18.07	19.20	19.20	19.02
20%	18.92	18.88	18.62	18.63	18.56	18.14	17.71	18.00	18.00	18.29	18.83	18.84
30%	18.69	18.50	18.15	18.00	18.00	18.00	16.59	18.00	18.00	18.00	18.51	18.52
40%	18.35	18.17	18.00	17.70	17.98	16.70	16.59	17.98	18.00	18.00	18.45	18.05
50%	18.00	18.00	16.71	16.45	16.45	16.45	16.59	17.61	18.00	17.78	18.00	18.00
60%	17.98	17.06	16.36	16.40	16.45	16.45	16.59	17.32	18.00	17.48	18.00	18.00
70%	17.32	15.90	12.27	11.64	15.46	16.45	16.59	17.02	17.85	17.08	17.29	17.43
80%	16.46	10.74	9.00	9.00	9.00	15.74	16.49	16.50	17.58	16.39	16.50	17.00
90%	13.91	9.00	9.00	8.68	8.88	9.00	16.32	16.30	17.13	15.59	10.95	13.18
95%	9.71	5.60	5.01	3.93	5.63	8.88	11.36	14.24	10.91	8.44	5.57	8.69

# Donner Lake Exceedence Frequency Data

Jul 2, 2003

## noaction.Donnsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5000	3482	4989	5015	5144	5014	6514	9500	9500	9500	9492	9427
10%	5000	2937	3913	3987	3946	4993	6271	9500	9500	9500	9363	8878
20%	5000	2890	3562	3580	3710	4680	5632	9500	9500	9500	9223	6727
30%	5000	2890	3264	3429	3568	4346	5408	9500	9500	9500	9141	6082
40%	5000	2890	3158	3281	3530	4123	5000	9500	9500	9500	9033	5983
50%	5000	2890	2925	3195	3415	3895	5000	9418	9500	9420	8932	5902
60%	5000	2890	2890	3106	3298	3824	5000	8864	9500	9281	8774	5808
70%	5000	2890	2890	2890	3059	3659	5000	8351	9500	9151	8604	5735
80%	5000	2890	2890	2890	2890	3523	5000	8104	9084	8684	8078	5657
90%	4987	2890	2890	2890	2890	3343	5000	7921	8279	7732	7222	5241
95%	4717	2890	2890	2890	2890	3261	5000	7798	7834	7289	6686	4775

## noactionDonn.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5930.39	5928.47	5930.38	5930.41	5930.57	5930.41	5932.25	5935.80	5935.80	5935.80	5935.79	5935.72
10%	5930.39	5927.76	5929.02	5929.12	5929.06	5930.38	5931.96	5935.80	5935.80	5935.80	5935.64	5935.08
20%	5930.39	5927.70	5928.57	5928.59	5928.76	5929.99	5931.17	5935.80	5935.80	5935.80	5935.48	5932.51
30%	5930.39	5927.70	5928.19	5928.40	5928.58	5929.57	5930.90	5935.80	5935.80	5935.80	5935.38	5931.73
40%	5930.39	5927.70	5928.05	5928.21	5928.53	5929.29	5930.39	5935.80	5935.80	5935.80	5935.26	5931.60
50%	5930.39	5927.70	5927.75	5928.10	5928.38	5929.00	5930.39	5935.71	5935.80	5935.71	5935.14	5931.50
60%	5930.39	5927.70	5927.70	5927.99	5928.23	5928.91	5930.39	5935.06	5935.80	5935.55	5934.96	5931.39
70%	5930.39	5927.70	5927.70	5927.70	5927.92	5928.70	5930.39	5934.46	5935.80	5935.40	5934.75	5931.30
80%	5930.39	5927.70	5927.70	5927.70	5927.70	5928.52	5930.39	5934.16	5935.32	5934.85	5934.13	5931.20
90%	5930.37	5927.70	5927.70	5927.70	5927.70	5928.29	5930.39	5933.95	5934.37	5933.72	5933.11	5930.69
95%	5930.04	5927.70	5927.70	5927.70	5927.70	5928.19	5930.39	5933.80	5933.84	5933.19	5932.46	5930.11

## noactionDonn.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	803	778	803	803	805	803	823	864	864	864	863	862
10%	803	769	785	786	786	803	820	864	864	864	861	851
20%	803	768	779	780	782	798	812	864	864	864	858	825
30%	803	768	774	777	780	792	809	864	864	864	857	817
40%	803	768	773	775	779	789	803	864	864	864	854	816
50%	803	768	769	773	777	785	803	862	864	862	852	815
60%	803	768	768	772	775	784	803	851	864	859	850	814
70%	803	768	768	768	771	781	803	845	864	857	848	813
80%	803	768	768	768	768	779	803	842	855	848	841	812
90%	802	768	768	768	768	776	803	839	844	837	831	806
95%	798	768	768	768	768	774	803	838	838	832	825	799

## noactionDonn.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.46	20.30	20.30	20.30	20.30	19.83	19.11	20.61	20.61	20.61	20.54	20.19
10%	19.13	20.30	20.30	20.30	20.30	19.73	19.11	20.61	20.61	20.61	19.49	19.44
20%	19.11	20.30	20.30	20.30	20.30	19.50	19.11	20.61	20.61	20.61	18.36	18.57
30%	19.11	20.30	20.30	20.30	20.08	19.50	19.11	20.61	20.61	20.61	17.69	17.79
40%	19.11	20.30	20.30	20.02	19.77	19.50	19.11	20.61	20.61	20.61	16.81	17.52
50%	19.11	20.30	20.25	19.90	19.62	19.50	19.11	19.94	20.61	19.96	16.06	17.20
60%	19.11	20.30	19.95	19.80	19.50	19.50	19.11	15.67	20.61	18.82	15.41	16.96
70%	19.11	20.30	19.82	19.61	19.50	19.50	18.60	15.00	20.61	17.77	15.00	16.76
80%	19.11	20.30	19.50	19.50	19.50	19.49	17.99	15.00	17.22	15.26	15.00	16.56
90%	19.11	20.25	19.50	19.50	19.50	19.12	16.22	15.00	15.00	15.00	15.00	15.17
95%	19.11	19.57	19.18	18.96	19.05	19.10	15.60	15.00	15.00	15.00	15.00	15.00

# Independence Lake Exceedence Frequency Data

Jul 2, 2003

## noaction.Indesto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	15000	14880	15000	15000	15000	15000	15700	16500	17200	17200	17200	15943
10%	14665	14500	14816	15000	15000	15000	15700	16500	17200	17200	17200	15500
20%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	17005	15500
30%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16943	15400
40%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16858	15400
50%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16610	15400
60%	14500	14500	14500	14500	14998	15000	15700	16500	17200	17188	16126	15400
70%	14500	14493	14493	14500	14931	15000	15700	16500	17200	16899	16100	15400
80%	14500	14404	14404	14410	14740	15000	15700	16500	17200	16642	16100	15400
90%	14031	14009	13932	13905	14340	15000	15700	16500	16870	15788	15229	15040
95%	12557	12274	12197	12197	12541	13492	14975	16473	16369	15102	13508	13358

## noactionInde.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6945.68	6945.50	6945.68	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6947.06
10%	6945.18	6944.93	6945.40	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.41
20%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.59	6946.41
30%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.51	6946.27
40%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.38	6946.27
50%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.03	6946.27
60%	6944.93	6944.93	6944.93	6944.93	6945.67	6945.68	6946.71	6947.87	6948.87	6948.86	6947.33	6946.27
70%	6944.93	6944.92	6944.92	6944.93	6945.57	6945.68	6946.71	6947.87	6948.87	6948.87	6948.44	6946.27
80%	6944.93	6944.79	6944.79	6944.80	6945.29	6945.68	6946.71	6947.87	6948.87	6948.08	6947.29	6946.27
90%	6944.23	6944.20	6944.09	6944.05	6944.20	6945.68	6946.71	6947.87	6948.40	6946.84	6946.01	6945.73
95%	6942.01	6941.58	6941.46	6941.46	6941.98	6943.42	6945.64	6947.83	6947.68	6945.83	6943.45	6943.22

## noactionInde.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	675	674	675	675	675	675	683	693	704	704	704	686
10%	673	672	674	675	675	675	683	693	704	704	704	680
20%	672	672	672	672	675	675	683	693	704	704	701	680
30%	672	672	672	672	675	675	683	693	704	704	700	679
40%	672	672	672	672	675	675	683	693	704	704	698	679
50%	672	672	672	672	675	675	683	693	704	704	694	679
60%	672	672	672	672	675	675	683	693	704	703	688	679
70%	672	672	672	672	675	675	683	693	704	699	688	679
80%	672	671	671	671	673	675	683	693	704	695	688	679
90%	668	668	667	667	670	675	683	693	698	684	677	676
95%	657	655	654	654	657	664	675	692	691	676	664	663

## noactionInde.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	11.92
10%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	8.74
20%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.69	8.74
30%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.51	8.34
40%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.16	8.30
50%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	13.11	8.30
60%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.21	11.90	8.30
70%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	14.33	11.66	8.30
80%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	13.23	11.66	8.30
90%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	14.17	10.06	8.75	8.02
95%	7.50	7.50	7.50	7.50	7.50	7.50	9.45	12.83	12.54	9.15	7.50	7.50

# Lahontan Reservoir Exceedence Frequency Data

Jul 2, 2003

## noaction.Lahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	238974	242298	259848	304989	316900	316900	316900	316900	316900	316057	277488	246118
10%	224542	228068	246890	268478	299779	316360	316900	316900	316900	309795	268224	237217
20%	203969	208093	224844	241314	264258	285622	296906	316900	316900	294403	249407	216222
30%	179408	182364	199543	221589	240339	262472	272167	281238	306844	272328	226132	192991
40%	136009	145531	157992	182239	207599	229504	237872	248100	261533	222804	180437	147677
50%	88470	96410	118133	147355	173153	196235	204043	217982	218680	179318	134375	101990
60%	64384	70561	97000	128577	157183	180143	186714	199574	192567	156000	110733	78369
70%	53068	70000	97000	116759	142444	164959	174261	186187	185238	144208	98937	66899
80%	48000	65357	90790	107845	131486	153446	157126	177647	168748	125372	88240	60050
90%	19840	30657	55688	85905	110269	134829	139964	141513	120543	78154	41761	24364
95%	3990	6863	22415	42017	71023	120976	124530	99601	62036	15683	3990	3979

## noactionLaho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	4156.84	4157.20	4159.00	4162.68	4163.50	4163.50	4163.50	4163.50	4163.50	4163.44	4160.57	4157.60
10%	4155.21	4155.61	4157.68	4159.80	4162.30	4163.46	4163.50	4163.50	4163.50	4163.02	4159.77	4156.64
20%	4152.69	4153.21	4155.24	4157.09	4159.41	4161.24	4162.10	4163.50	4163.50	4161.91	4157.95	4154.22
30%	4149.40	4149.82	4152.12	4154.86	4156.99	4159.24	4160.13	4160.89	4162.81	4160.14	4155.39	4151.27
40%	4142.42	4144.09	4146.18	4149.80	4153.15	4155.78	4156.71	4157.81	4159.15	4155.00	4149.55	4144.46
50%	4132.88	4134.65	4139.11	4144.41	4148.50	4151.69	4152.70	4154.43	4154.51	4149.39	4142.13	4135.85
60%	4126.49	4128.33	4134.78	4141.08	4146.05	4149.51	4150.42	4152.13	4151.21	4145.86	4137.65	4130.44
70%	4122.66	4128.18	4134.78	4138.84	4143.56	4147.27	4148.66	4150.35	4150.22	4143.86	4135.20	4127.27
80%	4120.74	4126.80	4133.41	4137.07	4141.61	4145.44	4146.04	4149.16	4147.85	4140.48	4132.83	4125.09
90%	4105.73	4112.70	4123.60	4132.28	4137.56	4142.21	4143.12	4143.39	4139.57	4130.38	4118.15	4108.87
95%	4089.62	4093.65	4107.55	4118.26	4128.46	4139.65	4140.32	4135.34	4125.74	4102.52	4089.62	4089.61

## noactionLaho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9155	9305	10283	14108	14827	14827	14827	14827	14827	14780	11983	9486
10%	8565	8704	9523	11105	13755	14797	14827	14827	14827	14430	11081	9081
20%	7842	7969	8577	9258	10702	12713	13560	14827	14827	13381	9643	8258
30%	7055	7160	7719	8453	9212	10532	11461	12351	14233	11477	8628	7550
40%	5611	5775	6231	7155	7952	8761	9108	9581	10442	8497	7091	5824
50%	4341	4592	5181	5816	6811	7632	7844	8322	8347	7052	5584	4740
60%	3179	3525	4610	5439	6196	7081	7328	7720	7539	6142	4982	3925
70%	2738	3503	4610	5148	5719	6513	6857	7307	7269	5749	4663	3340
80%	2540	3245	4419	4885	5515	6021	6194	6993	6634	5355	4332	3002
90%	1376	1772	2846	4242	4967	5591	5677	5703	5236	3912	2291	1517
95%	633	792	1454	2302	3543	5246	5333	4680	3052	1220	633	632

## noactionLaho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	548.53	577.22	938.74	1375.94	1514.26	1642.58	1641.26	1616.52	1575.30	1660.08	1546.07	608.91
10%	456.23	476.78	617.62	1255.34	1358.79	1502.88	1466.49	1404.15	1404.01	1571.74	1245.63	536.32
20%	399.59	406.16	459.75	570.57	1078.48	1358.79	1358.79	1358.79	1358.79	1433.05	652.71	424.18
30%	356.08	345.05	406.85	444.83	554.73	1012.19	1351.36	1358.79	1358.79	1301.98	469.38	353.67
40%	295.86	306.25	332.71	379.16	422.65	484.63	545.27	638.52	946.10	449.78	357.98	315.90
50%	215.29	284.91	231.50	256.22	389.15	409.82	410.85	434.39	432.36	382.02	252.45	260.10
60%	169.45	281.85	208.29	212.67	310.26	398.96	395.86	407.07	404.75	331.51	209.60	213.21
70%	151.50	208.14	208.29	198.18	223.78	359.03	356.17	395.78	395.97	211.00	200.99	175.99
80%	147.43	166.69	195.37	188.58	191.93	284.99	320.38	356.05	332.12	177.08	175.11	149.56
90%	76.85	113.87	130.85	160.97	163.76	195.71	190.14	281.47	187.31	139.93	125.98	99.23
95%	60.00	60.00	81.01	141.10	149.32	177.57	164.42	199.95	151.13	65.64	60.00	60.00

# Prosser Creek Reservoir Exceedence Frequency Data

Jul 2, 2003

## noaction.Prossstor STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9800	9800	9800	9800	9800	9800	19700	29698	29800	29800	29800	29800
10%	9800	9800	9800	9800	9800	9800	19700	29057	29800	29800	29800	29713
20%	9800	9740	9793	9800	9800	9800	19700	27402	29795	29800	29772	29426
30%	9800	9740	9720	9719	9800	9800	19700	25829	28611	29800	29340	29020
40%	9800	9740	9720	9690	9786	9800	19560	23691	27740	29800	25209	23985
50%	9800	9740	9720	9690	9670	9800	17430	18615	26950	22248	18048	17060
60%	9800	9740	9720	9690	9670	9610	13172	14140	22933	16601	13388	12808
70%	9800	9671	9583	9690	9670	9610	10384	11949	15406	11582	11219	10902
80%	7892	7088	7579	8300	8800	9608	9963	11300	12844	8462	8147	7955
90%	4720	4390	3791	3757	2398	4579	9015	9800	9107	5012	4889	4782
95%	1200	1200	1200	1200	1200	1257	3575	6448	3097	1733	1208	1203

## noactionPros.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5741.00	5741.13	5741.13	5741.13	5741.13
10%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5740.13	5741.13	5741.13	5741.13	5741.02
20%	5703.60	5703.42	5703.58	5703.60	5703.60	5703.60	5725.70	5737.84	5741.13	5741.13	5741.10	5740.63
30%	5703.60	5703.42	5703.36	5703.36	5703.60	5703.60	5725.70	5735.56	5739.52	5741.13	5740.52	5740.08
40%	5703.60	5703.42	5703.36	5703.27	5703.56	5703.60	5725.45	5732.32	5738.31	5741.13	5734.64	5732.77
50%	5703.60	5703.42	5703.36	5703.27	5703.21	5703.60	5721.52	5723.75	5737.19	5730.02	5722.69	5720.81
60%	5703.60	5703.42	5703.36	5703.27	5703.21	5703.03	5712.50	5714.72	5731.12	5719.90	5713.00	5711.63
70%	5703.60	5703.21	5702.95	5703.27	5703.21	5703.03	5705.30	5709.50	5717.46	5708.55	5707.60	5706.74
80%	5697.48	5694.60	5696.38	5698.87	5700.51	5703.03	5704.08	5707.81	5711.71	5699.41	5698.35	5697.70
90%	5684.73	5683.12	5679.98	5679.79	5671.23	5684.05	5701.19	5703.60	5701.48	5686.10	5685.53	5685.03
95%	5660.64	5660.64	5660.64	5660.64	5660.64	5661.27	5678.77	5692.16	5675.92	5665.93	5660.73	5660.67

## noactionPros.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	337	337	337	337	337	337	567	748	750	750	750	750
10%	337	337	337	337	337	337	567	736	750	750	750	748
20%	337	335	337	337	337	337	567	706	750	750	749	743
30%	337	335	335	335	337	337	567	678	728	750	741	735
40%	337	335	335	334	336	337	564	640	712	750	667	645
50%	337	335	335	334	334	337	521	545	698	614	534	513
60%	337	335	335	334	334	332	424	447	626	503	429	415
70%	337	334	332	334	334	332	352	393	477	384	374	366
80%	289	270	282	299	311	332	341	376	416	303	295	290
90%	209	200	182	181	138	205	317	337	319	218	214	211
95%	89	89	89	89	89	91	176	255	161	113	89	89

## noactionPros.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	20.50	20.63	20.63	20.63	20.63
10%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	19.69	20.63	20.63	20.63	20.52
20%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	18.83	20.63	20.63	20.60	20.13
30%	12.90	13.00	13.00	13.00	13.00	12.93	16.50	17.78	19.50	20.63	20.01	19.59
40%	12.90	13.00	13.00	13.00	12.90	12.90	16.50	16.74	19.25	20.63	17.61	16.99
50%	12.90	13.00	12.95	12.90	12.90	12.90	16.50	16.50	18.19	16.50	16.50	16.50
60%	12.90	12.93	12.90	12.90	12.90	12.90	15.10	15.67	16.76	16.40	15.63	15.24
70%	12.90	12.81	12.69	12.90	12.90	12.90	13.40	15.00	16.36	14.72	14.36	14.15
80%	9.77	9.47	9.65	10.52	11.25	12.90	12.86	14.49	15.09	11.03	10.45	9.76
90%	9.00	8.77	8.04	8.08	7.38	8.41	11.77	12.90	12.03	9.00	9.00	9.00
95%	6.00	6.00	6.00	6.00	6.00	6.38	7.65	9.89	7.35	6.42	6.00	6.00

# Stampede Reservoir Exceedence Frequency Data

Jul 2, 2003

noaction.Stamsto

## STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	204500	204500	204500	204500	204500	204500	215100	225273	226324	226500	221065	221531
10%	204500	204396	204500	204500	204500	204500	215100	223821	225793	226500	220905	219662
20%	204500	203950	203958	204411	204500	204310	215086	218781	224798	226229	219161	217553
30%	204500	203950	203690	203527	204124	203930	205282	213162	223631	218954	215101	213115
40%	203594	202682	202112	201550	202649	203279	203147	206865	218881	212871	207827	205878
50%	172165	172818	173090	174122	180430	183215	188935	193278	184252	176845	173792	174522
60%	139657	139664	146094	145434	144516	146416	160892	173388	161157	148866	141799	140240
70%	108069	106830	107254	111302	109596	112191	119030	135628	128449	117244	110307	109432
80%	68967	67217	73909	73622	76638	71702	69187	76800	85214	75233	71134	70828
90%	27119	24849	21927	19374	17216	19468	31652	41232	39991	33153	28524	25618
95%	8285	8180	7693	7438	7520	7949	12265	18569	15597	12905	9147	8703

noactionStam.elev

## ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
5%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5948.41	5948.72	5948.77	5947.18	5947.32
10%	5942.21	5942.18	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5947.99	5948.56	5948.77	5947.13	5946.77
20%	5942.21	5942.04	5942.04	5942.18	5942.21	5942.15	5945.41	5946.51	5948.27	5948.27	5948.69	5946.62	5946.14
30%	5942.21	5942.04	5941.96	5941.91	5942.09	5942.03	5942.45	5944.83	5947.93	5947.93	5946.56	5945.41	5944.82
40%	5941.93	5941.65	5941.47	5941.30	5941.64	5941.83	5941.79	5942.93	5946.54	5944.75	5943.22	5942.63	5942.63
50%	5931.75	5931.98	5932.07	5932.42	5934.54	5935.46	5937.32	5938.71	5935.80	5933.34	5932.31	5932.56	5932.56
60%	5919.90	5919.90	5922.36	5922.11	5921.76	5922.48	5927.80	5932.17	5927.90	5923.40	5920.73	5920.12	5920.12
70%	5906.61	5906.04	5906.23	5908.08	5907.31	5908.48	5911.48	5918.32	5915.43	5910.71	5907.63	5907.23	5907.23
80%	5885.90	5884.80	5888.90	5888.73	5890.49	5887.57	5886.03	5890.59	5895.27	5889.67	5887.23	5887.04	5887.04
90%	5849.11	5845.97	5841.64	5837.52	5833.66	5837.68	5854.82	5864.91	5863.72	5856.56	5850.96	5847.06	5847.06
95%	5811.22	5810.87	5809.22	5808.33	5808.62	5810.10	5822.73	5836.13	5830.44	5824.34	5813.97	5812.58	5812.58

noactionStam.area

## AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	3260	3260	3260	3260	3260	3260	3351	3435	3444	3445	3400	3404
10%	3260	3259	3260	3260	3260	3260	3351	3423	3439	3445	3399	3388
20%	3260	3255	3255	3259	3260	3258	3351	3381	3431	3443	3384	3371
30%	3260	3255	3253	3251	3257	3255	3267	3335	3421	3383	3351	3335
40%	3252	3244	3239	3234	3243	3249	3248	3281	3382	3333	3289	3272
50%	2917	2924	2927	2939	3011	3043	3107	3152	3055	2971	2935	2944
60%	2577	2577	2646	2639	2629	2649	2796	2931	2798	2674	2600	2583
70%	2177	2160	2166	2219	2197	2231	2322	2531	2444	2298	2206	2195
80%	1607	1579	1687	1683	1730	1652	1611	1733	1859	1708	1643	1638
90%	746	703	648	589	528	592	846	1055	1029	881	774	717
95%	304	301	290	283	285	296	392	567	479	406	323	313

noactionStam.hab.h2

## HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	49.88	49.73	49.66	49.76	51.07	50.69	50.70	51.00	50.22	49.05	49.40	49.86
10%	47.18	47.28	47.44	47.69	47.88	47.15	46.46	49.63	48.50	47.01	47.01	47.08
20%	44.23	44.99	44.86	45.12	45.15	44.88	44.97	45.38	44.21	43.90	43.52	43.70
30%	44.09	44.42	44.58	44.72	44.45	44.55	44.30	43.50	42.68	42.77	42.95	43.17
40%	44.09	44.42	44.35	44.23	44.14	44.42	42.89	42.86	42.41	42.77	42.11	42.65
50%	44.09	44.28	44.09	44.09	44.09	44.09	41.92	42.25	42.17	42.45	41.67	42.00
60%	43.86	44.09	43.68	44.09	44.09	44.09	41.67	42.00	42.01	41.93	41.59	41.38
70%	42.00	42.03	41.94	42.12	42.73	42.12	41.67	41.27	42.00	41.06	41.38	41.19
80%	40.66	40.77	40.60	40.50	40.50	40.17	40.64	40.68	40.71	40.73	40.79	40.65
90%	25.61	24.07	19.98	18.48	20.10	21.11	28.09	32.56	31.66	29.90	23.81	24.55
95%	10.14	10.64	11.00	10.57	10.77	11.02	13.88	19.27	18.41	15.34	11.38	10.67

# Lake Tahoe Exceedence Frequency Data

Jul 2, 2003

## noaction.Tahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	655115	645981	651214	663336	669838	688970	701355	732000	732000	732000	705979	671919
10%	624687	622175	626649	643945	649364	668390	677974	721680	732000	732000	699507	662842
20%	587195	577408	608389	617003	614469	613946	639627	699278	732000	731862	688797	637548
30%	563238	553205	559654	588588	595157	593976	613674	677998	732000	718396	678019	613020
40%	539265	528972	523081	550401	564293	561768	583302	654904	731714	707870	645890	587448
50%	485338	479850	475657	513115	517332	527870	536230	617962	669032	646605	602498	550872
60%	387955	368706	411960	418455	466467	476234	492682	551269	566216	554228	502914	444349
70%	306942	281943	284262	296565	313375	348598	383718	437451	482377	451732	407307	356365
80%	133363	123309	128110	141535	204794	217598	233488	287325	334458	313958	243757	184752
90%	-17740	-35482	-37164	-26888	12215	50816	97332	139628	154955	122807	74352	20740
95%	-93263	-118789	-118240	-109600	-87819	-47681	-24527	27945	59662	37222	-5012	-57856

## noactionTaho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6228.37	6228.30	6228.34	6228.44	6228.49	6228.65	6228.75	6229.00	6229.00	6229.00	6228.79	6228.51
10%	6228.12	6228.10	6228.14	6228.28	6228.33	6228.48	6228.56	6228.91	6229.00	6229.00	6228.73	6228.44
20%	6227.82	6227.74	6227.99	6228.06	6228.04	6228.04	6228.25	6228.73	6229.00	6229.00	6228.65	6228.23
30%	6227.62	6227.54	6227.59	6227.83	6227.88	6227.88	6228.04	6228.56	6229.00	6228.89	6228.56	6228.03
40%	6227.43	6227.34	6227.30	6227.52	6227.63	6227.61	6227.79	6228.37	6229.00	6228.80	6228.30	6227.82
50%	6226.99	6226.94	6226.91	6227.21	6227.25	6227.34	6227.40	6228.07	6228.49	6228.30	6227.94	6227.52
60%	6226.19	6226.03	6226.39	6226.44	6226.83	6226.91	6227.05	6227.53	6227.65	6227.55	6227.13	6226.65
70%	6225.53	6225.32	6225.34	6225.44	6225.58	6225.87	6226.16	6226.60	6226.96	6226.71	6226.35	6225.93
80%	6224.10	6224.02	6224.06	6224.17	6224.69	6224.79	6224.92	6225.36	6225.75	6225.58	6225.01	6224.52
90%	6222.85	6222.71	6222.69	6222.78	6223.10	6223.42	6223.80	6224.15	6224.28	6224.08	6224.61	6223.17
95%	6222.23	6222.02	6222.02	6222.10	6222.27	6222.61	6222.80	6223.23	6223.49	6223.31	6222.96	6222.52

## noactionTaho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	122989	122972	122982	123005	123018	123055	123080	123139	123139	123139	123089	123022
10%	122930	122925	122934	122968	122978	123015	123034	123119	123139	123139	123076	123004
20%	122766	122707	122894	122915	122910	122909	122959	123076	123139	123139	123055	122955
30%	122622	122561	122600	122775	122815	122807	122909	123034	123139	123113	123034	122907
40%	122477	122415	122379	122544	122628	122613	122743	122989	123139	123092	122971	122768
50%	122157	122145	122136	122319	122345	122408	122459	122917	123017	122973	122859	122547
60%	121949	121908	122001	122014	122117	122138	122196	122550	122640	122567	122258	122070
70%	121796	121750	121755	121777	121807	121871	121940	122055	122151	122085	121991	121885
80%	121500	121483	121491	121513	121617	121638	121664	121760	121845	121808	121681	121584
90%	121233	121197	121193	121215	121291	121358	121438	121510	121535	121482	121399	121306
95%	121078	121025	121026	121044	121089	121172	121219	121318	121373	121334	121260	121151

## noactionTaho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	866.20	866.57	869.50	868.08	868.19	866.50	867.28	865.68	863.04	864.41	866.64	868.44
10%	860.02	857.01	867.44	865.35	866.17	862.21	865.21	863.44	824.72	834.20	864.10	866.84
20%	772.54	714.10	840.84	859.07	856.78	830.38	860.33	851.27	634.99	709.90	831.00	862.93
30%	684.80	638.98	656.82	763.24	803.72	774.87	780.21	799.68	611.16	667.49	790.02	846.00
40%	592.81	549.13	533.85	629.09	693.70	667.82	727.71	726.67	611.16	611.79	755.05	765.19
50%	503.54	471.73	457.96	503.16	506.02	544.41	579.90	661.88	611.16	611.16	698.98	632.84
60%	409.80	412.41	387.36	433.44	448.38	448.96	465.15	591.03	611.16	573.65	499.64	432.16
70%	352.57	356.22	357.76	360.77	367.41	370.60	366.46	401.41	424.04	393.00	376.64	363.00
80%	329.93	327.65	335.88	332.47	334.48	337.66	337.89	346.35	349.16	353.93	346.61	336.56
90%	314.41	314.63	317.00	315.14	309.64	310.08	312.21	312.96	315.24	317.88	317.85	317.01
95%	310.18	308.35	308.84	307.95	307.20	306.39	308.36	307.53	309.75	311.12	307.68	308.30

# LOCAL WATER SUPPLY ALTERNATIVE

## Boca Reservoir Exceedence Frequency Data

Jul 2, 2003

localws.Bocasto

### STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	32900	32107	32900	32900	32900	32900	37100	40900	40900	40890	39894	37248
10%	29579	25353	31088	32900	32900	32900	37100	40900	40900	40890	38924	28083
20%	21749	19566	21203	24528	32526	32900	37100	40685	40900	40253	30278	17769
30%	17358	16000	16900	16804	19743	32900	37100	40291	40808	39850	24674	10965
40%	13982	11458	11531	12922	16240	29498	37100	39929	40594	39500	18994	8012
50%	8978	4830	5898	9928	12175	21712	36992	38730	40400	34962	14642	7138
60%	7437	3749	2911	3800	8890	16066	33400	37358	40116	31131	10166	6110
70%	6517	2572	1491	1229	2492	10771	27368	34828	39940	23941	4873	5575
80%	4957	1025	327	291	354	3548	15180	27783	27476	16005	4395	4477
90%	1905	145	154	106	113	221	5979	14784	7968	3773	1368	1757
95%	590	59	52	43	58	121	1239	2154	944	367	55	218

localwsBoca.elev

### ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5596.45	5595.55	5596.45	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5604.04	5601.25
10%	5592.59	5587.38	5594.37	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5603.03	5590.79
20%	5582.57	5579.45	5581.81	5586.31	5596.03	5596.45	5601.09	5604.85	5605.07	5604.41	5593.42	5576.73
30%	5576.09	5573.91	5575.36	5575.21	5579.71	5596.45	5601.09	5604.45	5604.98	5603.99	5586.50	5564.81
40%	5570.48	5565.79	5565.93	5568.57	5574.30	5592.50	5601.09	5604.07	5604.76	5603.63	5578.60	5558.37
50%	5560.60	5549.78	5552.94	5562.67	5567.17	5582.52	5600.97	5602.82	5604.56	5598.76	5571.63	5556.24
60%	5556.98	5546.12	5542.78	5546.30	5560.40	5574.02	5597.02	5601.37	5604.27	5594.42	5563.17	5553.53
70%	5554.63	5541.24	5535.31	5533.54	5540.86	5564.42	5589.91	5598.61	5604.08	5585.54	5549.91	5552.02
80%	5550.17	5532.03	5525.50	5525.08	5525.81	5545.36	5572.54	5590.42	5590.05	5573.92	5548.37	5548.64
90%	5537.81	5523.20	5523.32	5522.65	5522.75	5524.21	5553.17	5571.87	5558.27	5546.20	5534.50	5536.96
95%	5528.28	5521.95	5521.84	5521.69	5521.94	5522.87	5533.61	5539.17	5531.38	5525.97	5521.89	5524.17

localwsBoca.area

### AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	881	871	881	881	881	881	931	978	978	978	965	933
10%	840	780	859	881	881	881	931	978	978	978	953	820
20%	719	679	709	767	876	881	931	975	978	970	849	645
30%	636	609	627	626	682	881	931	970	977	965	769	498
40%	567	509	511	543	614	838	931	966	974	961	668	420
50%	447	318	357	472	526	719	930	951	972	905	581	396
60%	405	272	230	274	445	610	887	934	968	859	478	364
70%	377	213	155	140	208	493	810	904	966	757	320	346
80%	323	129	86	83	88	262	593	816	812	609	300	304
90%	177	72	73	69	70	78	360	584	419	273	148	170
95%	104	65	64	63	65	70	141	191	125	89	64	78

localwsBoca.hab.h2

### HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.50	19.27	19.31	19.33	19.15	19.07	18.80	18.95	18.79	19.47	19.37	19.42
10%	19.33	19.17	18.97	18.97	18.88	18.62	18.06	18.08	18.07	19.22	19.20	19.02
20%	18.95	18.88	18.65	18.46	18.53	18.10	17.91	18.00	18.00	18.29	18.82	18.80
30%	18.61	18.51	18.11	18.00	18.00	18.00	16.59	18.00	18.00	18.00	18.56	18.54
40%	18.32	18.10	18.00	17.63	17.99	16.72	16.59	17.98	18.00	18.00	18.42	18.00
50%	18.00	18.00	16.68	16.45	16.45	16.45	16.59	17.61	18.00	17.81	18.00	18.00
60%	17.98	16.84	16.10	16.22	16.45	16.45	16.59	17.32	18.00	17.45	18.00	17.99
70%	17.43	15.80	12.20	11.71	14.95	16.45	16.59	17.02	17.85	17.03	17.33	17.30
80%	16.46	10.72	9.00	9.00	9.00	15.76	16.49	16.50	17.58	16.37	16.50	17.00
90%	13.86	9.00	9.00	8.68	8.88	9.00	16.32	16.30	17.10	15.60	11.05	12.96
95%	9.78	5.60	5.01	4.14	5.63	8.88	11.31	14.08	10.88	8.13	5.26	8.88



# Donner Lake Exceedence Frequency Data

Jul 2, 2003

## localws.Donnsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5000	3482	4989	5015	5144	5014	6514	9500	9500	9500	9492	9427
10%	5000	2948	3913	3987	3946	4993	6271	9500	9500	9500	9363	8878
20%	5000	2890	3562	3580	3710	4680	5632	9500	9500	9500	9223	6786
30%	5000	2890	3264	3429	3568	4346	5408	9500	9500	9500	9141	6121
40%	5000	2890	3155	3281	3530	4123	5000	9500	9500	9500	9033	5983
50%	5000	2890	2925	3195	3415	3895	5000	9418	9500	9420	8932	5908
60%	5000	2890	2890	3106	3298	3824	5000	8864	9500	9281	8774	5818
70%	5000	2890	2890	2890	3059	3659	5000	8351	9500	9151	8604	5735
80%	5000	2890	2890	2890	2890	3523	5000	8104	9084	8684	8078	5657
90%	4987	2890	2890	2890	2890	3343	5000	7921	8279	7732	7222	5262
95%	4717	2890	2890	2890	2890	3261	5000	7798	7834	7267	6686	4791

## localwsDonn.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5930.39	5928.47	5930.38	5930.41	5930.57	5930.41	5932.25	5935.80	5935.80	5935.80	5935.79	5935.72
10%	5930.39	5927.78	5929.02	5929.12	5929.06	5930.38	5931.96	5935.80	5935.80	5935.80	5935.64	5935.08
20%	5930.39	5927.70	5928.57	5928.59	5928.76	5929.99	5931.17	5935.80	5935.80	5935.80	5935.48	5932.58
30%	5930.39	5927.70	5928.19	5928.40	5928.58	5929.57	5930.90	5935.80	5935.80	5935.80	5935.38	5931.77
40%	5930.39	5927.70	5928.05	5928.21	5928.53	5929.29	5930.39	5935.80	5935.80	5935.80	5935.26	5931.60
50%	5930.39	5927.70	5927.75	5928.10	5928.38	5929.00	5930.39	5935.71	5935.80	5935.71	5935.14	5931.51
60%	5930.39	5927.70	5927.70	5927.99	5928.23	5928.91	5930.39	5935.06	5935.80	5935.55	5934.96	5931.40
70%	5930.39	5927.70	5927.70	5927.70	5927.92	5928.70	5930.39	5934.46	5935.80	5935.40	5934.75	5931.30
80%	5930.39	5927.70	5927.70	5927.70	5927.70	5928.52	5930.39	5934.16	5935.32	5934.85	5934.13	5931.20
90%	5930.37	5927.70	5927.70	5927.70	5927.70	5928.29	5930.39	5933.95	5934.37	5933.72	5933.11	5930.72
95%	5930.04	5927.70	5927.70	5927.70	5927.70	5928.19	5930.39	5933.80	5933.84	5933.16	5932.46	5930.13

## localwsDonn.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	803	778	803	803	805	803	823	864	864	864	863	862
10%	803	769	785	786	786	803	820	864	864	864	861	851
20%	803	768	779	780	782	798	812	864	864	864	858	826
30%	803	768	774	777	780	792	809	864	864	864	857	818
40%	803	768	773	775	779	789	803	864	864	864	854	816
50%	803	768	769	773	777	785	803	862	864	862	852	815
60%	803	768	768	772	775	784	803	851	864	859	850	814
70%	803	768	768	768	771	781	803	845	864	857	848	813
80%	803	768	768	768	768	779	803	842	855	848	841	812
90%	802	768	768	768	768	776	803	839	844	837	831	807
95%	798	768	768	768	768	774	803	838	838	832	825	800

## localwsDonn.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.46	20.30	20.30	20.30	20.30	19.83	19.11	20.61	20.61	20.61	20.54	20.19
10%	19.13	20.30	20.30	20.30	20.30	19.73	19.11	20.61	20.61	20.61	19.49	19.41
20%	19.11	20.30	20.30	20.30	20.30	19.50	19.11	20.61	20.61	20.61	18.36	18.50
30%	19.11	20.30	20.30	20.30	20.08	19.50	19.11	20.61	20.61	20.61	17.69	17.79
40%	19.11	20.30	20.30	20.02	19.77	19.50	19.11	20.61	20.61	20.61	16.81	17.52
50%	19.11	20.30	20.25	19.90	19.62	19.50	19.11	19.94	20.61	19.96	16.06	17.16
60%	19.11	20.30	19.95	19.80	19.50	19.50	19.11	15.67	20.61	18.82	15.41	16.95
70%	19.11	20.30	19.82	19.61	19.50	19.50	18.60	15.00	20.61	17.77	15.00	16.76
80%	19.11	20.30	19.50	19.50	19.50	19.49	17.99	15.00	17.22	15.26	15.00	16.46
90%	19.11	20.24	19.50	19.50	19.50	19.12	16.22	15.00	15.00	15.00	15.00	15.16
95%	19.11	19.57	19.18	18.96	19.05	19.10	15.60	15.00	15.00	15.00	15.00	15.00

# Independence Lake Exceedence Frequency Data

Jul 2, 2003

## localws.Indesto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	15000	14846	15000	15000	15000	15000	15700	16500	17200	17200	17200	15915
10%	14606	14500	14819	15000	15000	15000	15700	16500	17200	17200	17200	15500
20%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	17017	15500
30%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16943	15400
40%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16858	15400
50%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17200	16610	15400
60%	14500	14500	14500	14500	14998	15000	15700	16500	17200	17200	16136	15400
70%	14500	14484	14484	14493	14931	15000	15700	16500	17200	16899	16100	15400
80%	14500	14404	14404	14410	14740	15000	15700	16500	17200	16644	16100	15400
90%	13904	13895	13825	13798	14342	14991	15700	16500	16794	15682	15179	14997
95%	12434	12427	12355	12355	12634	13546	15075	16450	16239	14926	13185	13069

## localwsInde.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6945.68	6945.45	6945.68	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6947.02
10%	6945.09	6944.93	6945.41	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6946.41
20%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.61	6946.41
30%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.51	6946.27
40%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.38	6946.27
50%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.03	6946.27
60%	6944.93	6944.93	6944.93	6944.93	6945.67	6945.68	6946.71	6947.87	6948.87	6948.87	6947.34	6946.27
70%	6944.93	6944.91	6944.91	6944.92	6945.57	6945.68	6946.71	6947.87	6948.87	6948.44	6947.29	6946.27
80%	6944.93	6944.79	6944.79	6944.80	6945.29	6945.68	6946.71	6947.87	6948.87	6948.08	6947.29	6946.27
90%	6944.04	6944.03	6943.93	6943.89	6944.70	6945.66	6946.71	6947.87	6948.29	6946.68	6945.94	6945.67
95%	6941.82	6941.81	6941.70	6941.70	6942.13	6943.51	6945.79	6947.80	6947.49	6945.57	6942.96	6942.79

## localwsInde.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	675	674	675	675	675	675	683	693	704	704	704	685
10%	672	672	674	675	675	675	683	693	704	704	704	680
20%	672	672	672	672	675	675	683	693	704	704	701	680
30%	672	672	672	672	675	675	683	693	704	704	700	679
40%	672	672	672	672	675	675	683	693	704	704	698	679
50%	672	672	672	672	675	675	683	693	704	704	694	679
60%	672	672	672	672	675	675	683	693	704	704	688	679
70%	672	672	672	672	675	675	683	693	704	699	688	679
80%	672	671	671	671	673	675	683	693	704	695	688	679
90%	667	667	667	666	670	675	683	693	697	682	677	675
95%	656	656	656	656	658	665	676	692	689	675	662	661

## localwsInde.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	11.67
10%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	15.24	8.74
20%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.73	8.74
30%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.51	8.37
40%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.16	8.30
50%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	13.11	8.30
60%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	11.95	8.30
70%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	14.33	11.66	8.30
80%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	13.23	11.66	8.30
90%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	13.87	9.92	8.25	7.98
95%	7.50	7.50	7.50	7.50	7.50	7.50	9.45	12.80	12.37	8.68	7.50	7.50

# Lahontan Reservoir Exceedence Frequency Data

Jul 2, 2003

## localws.Lahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	238974	242298	259848	304989	316900	316900	316900	316900	316900	316057	277488	246118
10%	224542	228068	246890	268478	299779	316360	316900	316900	316900	309795	268224	237217
20%	203969	208093	224844	241314	264258	285622	296906	316900	316900	294403	249407	216222
30%	179408	182364	199543	221589	240339	262472	272167	281238	306844	272328	226132	192991
40%	136009	145534	157992	182239	207578	229504	237872	248100	261533	222780	180437	147677
50%	88260	96322	118108	147355	173125	196207	203860	217900	218587	179192	134252	101778
60%	64384	70490	97000	128577	157134	179938	186601	199574	192569	156000	110733	78369
70%	53065	70000	97000	116636	142208	164783	174249	186187	185238	144208	98932	66894
80%	48000	65201	90492	107795	131356	153271	156945	177446	168735	125366	88235	60055
90%	19415	30074	54958	85061	109446	133887	139137	140939	120075	77695	41542	23944
95%	3990	6731	22227	41770	70716	120340	123526	98328	60769	14438	3990	3984

## localwsLaho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	4156.84	4157.20	4159.00	4162.68	4163.50	4163.50	4163.50	4163.50	4163.50	4163.44	4160.57	4157.60
10%	4155.21	4155.61	4157.68	4159.80	4162.30	4163.46	4163.50	4163.50	4163.50	4163.02	4159.77	4156.64
20%	4152.69	4153.21	4155.24	4157.09	4159.41	4161.24	4162.10	4163.50	4163.50	4161.91	4157.95	4154.22
30%	4149.40	4149.82	4152.12	4154.86	4156.99	4159.24	4160.13	4160.89	4162.81	4160.14	4155.39	4151.27
40%	4142.42	4144.09	4146.18	4149.80	4153.15	4155.78	4156.71	4157.81	4159.15	4155.00	4149.55	4144.46
50%	4132.83	4134.63	4139.10	4144.41	4148.50	4151.69	4152.68	4154.42	4154.50	4149.37	4142.11	4135.81
60%	4126.49	4128.31	4134.78	4141.08	4146.04	4149.48	4150.41	4152.13	4151.22	4145.86	4137.65	4130.44
70%	4122.66	4128.18	4134.78	4138.82	4143.51	4147.25	4148.66	4150.35	4150.22	4143.86	4135.20	4127.27
80%	4120.74	4126.75	4133.34	4137.06	4141.58	4145.41	4146.01	4149.13	4147.85	4140.48	4132.82	4125.09
90%	4105.42	4112.37	4123.34	4132.08	4137.39	4142.04	4142.98	4143.29	4139.48	4130.27	4118.06	4108.59
95%	4089.62	4093.49	4107.42	4118.16	4128.38	4139.53	4140.14	4135.07	4125.33	4101.48	4089.62	4089.61

## localwsLaho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9155	9305	10283	14108	14827	14827	14827	14827	14827	14780	11983	9486
10%	8565	8704	9523	11105	13755	14797	14827	14827	14827	14430	11081	9081
20%	7842	7969	8577	9258	10702	12713	13560	14827	14827	13381	9643	8258
30%	7055	7160	7719	8453	9212	10532	11461	12351	14233	11477	8628	7550
40%	5611	5775	6231	7155	7951	8761	9108	9581	10442	8496	7091	5824
50%	4333	4589	5180	5816	6809	7632	7839	8319	8344	7048	5582	4735
60%	3179	3522	4610	5439	6194	7074	7323	7720	7539	6142	4982	3925
70%	2738	3503	4610	5145	5715	6508	6857	7307	7269	5749	4663	3340
80%	2540	3235	4409	4884	5512	6012	6186	6986	6634	5355	4332	3002
90%	1359	1746	2815	4210	4939	5576	5663	5693	5226	3886	2282	1502
95%	633	786	1448	2292	3531	5232	5307	4648	3020	1168	633	633

## localwsLaho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	548.53	577.22	938.74	1375.94	1514.26	1642.58	1641.26	1616.52	1575.30	1660.08	1546.07	608.91
10%	456.23	476.78	617.62	1255.34	1358.79	1502.88	1466.49	1404.15	1404.01	1571.74	1245.63	536.32
20%	399.59	406.43	459.75	570.57	1078.48	1358.79	1358.79	1358.79	1358.79	1433.05	652.71	424.21
30%	356.08	345.05	406.73	444.83	554.73	1012.19	1351.36	1358.79	1358.79	1301.98	469.38	353.67
40%	297.77	306.44	332.41	378.60	422.65	484.63	545.27	638.52	946.10	449.73	357.98	315.90
50%	215.86	284.91	232.60	258.92	388.14	409.58	408.84	434.34	431.39	381.81	252.45	260.80
60%	169.56	283.58	208.29	215.11	308.71	400.04	395.14	407.07	404.74	331.42	209.60	213.35
70%	151.49	208.73	208.29	199.34	224.29	359.40	356.35	395.64	395.97	211.22	200.62	175.69
80%	147.43	164.72	195.42	188.73	193.14	272.66	320.32	356.05	332.68	177.54	174.96	149.53
90%	77.57	109.33	131.96	161.15	163.76	197.00	191.35	274.29	185.80	138.69	126.76	92.89
95%	60.00	60.00	80.54	142.19	150.20	173.48	168.33	206.27	150.39	60.93	60.00	60.00

# Prosser Creek Reservoir Exceedence Frequency Data

Jul 2, 2003

## localws.Prosto

### STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9800	9800	9800	9800	9800	9800	19700	29698	29800	29800	29800	29800
10%	9800	9800	9800	9800	9800	9800	19700	29063	29800	29800	29800	29723
20%	9800	9740	9793	9800	9800	9800	19700	27405	29795	29800	29772	29426
30%	9800	9740	9720	9719	9800	9800	19700	25835	28605	29800	29340	29020
40%	9800	9740	9720	9690	9793	9800	19560	23691	27740	29800	25205	24006
50%	9800	9740	9720	9690	9670	9800	17425	18620	26950	22225	17862	17022
60%	9800	9740	9720	9690	9670	9610	13130	14143	22760	16575	13388	12834
70%	9800	9671	9583	9690	9670	9610	10384	11949	15437	11615	11202	10902
80%	7903	7059	7577	8313	8815	9608	9963	11297	12847	8466	8092	7963
90%	4775	4439	3761	3480	2435	4593	9021	9800	9282	5021	4944	4834
95%	1222	1220	1217	1214	1214	1261	3589	6483	3081	1865	1270	1228

## localwsPros.elev

### ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5741.00	5741.13	5741.13	5741.13	5741.13
10%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5740.14	5741.13	5741.13	5741.13	5741.03
20%	5703.60	5703.42	5703.58	5703.60	5703.60	5703.60	5725.70	5737.84	5741.13	5741.13	5741.10	5740.63
30%	5703.60	5703.42	5703.36	5703.36	5703.60	5703.60	5725.70	5735.57	5739.51	5741.13	5740.52	5740.08
40%	5703.60	5703.42	5703.36	5703.27	5703.58	5703.60	5725.45	5732.32	5738.31	5741.13	5734.63	5732.81
50%	5703.60	5703.42	5703.36	5703.27	5703.21	5703.60	5721.51	5723.75	5737.19	5729.98	5722.34	5720.73
60%	5703.60	5703.42	5703.36	5703.27	5703.21	5703.03	5712.40	5714.73	5730.84	5719.85	5713.00	5711.69
70%	5703.60	5703.21	5702.95	5703.27	5703.21	5703.03	5705.30	5709.50	5717.52	5708.64	5707.55	5706.74
80%	5697.52	5694.49	5696.37	5698.92	5700.56	5703.03	5704.08	5707.80	5711.72	5699.42	5698.17	5697.72
90%	5685.00	5683.36	5679.82	5678.22	5671.50	5684.12	5701.21	5703.60	5702.03	5686.14	5685.78	5685.27
95%	5660.89	5660.87	5660.83	5660.80	5660.80	5661.32	5678.85	5692.30	5675.82	5667.07	5661.41	5660.96

## localwsPros.area

### AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	337	337	337	337	337	337	567	748	750	750	750	750
10%	337	337	337	337	337	337	567	736	750	750	750	748
20%	337	335	337	337	337	337	567	706	750	750	749	743
30%	337	335	335	335	337	337	567	678	728	750	741	735
40%	337	335	335	334	337	337	564	640	712	750	667	646
50%	337	335	335	334	334	337	521	545	698	614	530	512
60%	337	335	335	334	334	332	423	447	623	502	429	416
70%	337	334	332	334	334	332	352	393	477	384	373	366
80%	289	269	282	299	311	332	341	376	416	303	293	290
90%	211	201	181	172	139	206	317	337	323	218	216	213
95%	90	89	89	89	89	92	176	256	160	118	92	90

## localwsPros.hab.h2

### HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	20.50	20.63	20.63	20.63	20.63
10%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	19.70	20.63	20.63	20.63	20.53
20%	12.90	13.00	13.00	13.00	13.00	13.00	16.50	18.84	20.63	20.63	20.60	20.13
30%	12.90	13.00	13.00	13.00	13.00	12.93	16.50	17.78	19.50	20.63	20.01	19.59
40%	12.90	13.00	13.00	13.00	12.90	12.90	16.50	16.74	19.25	20.63	17.61	16.99
50%	12.90	13.00	12.95	12.90	12.90	12.90	16.50	16.50	18.19	16.50	16.50	16.50
60%	12.90	12.93	12.90	12.90	12.90	12.90	15.17	15.67	16.76	16.40	15.61	15.26
70%	12.90	12.81	12.69	12.90	12.90	12.90	13.40	15.00	16.35	14.78	14.35	14.21
80%	9.76	9.56	9.65	10.51	11.21	12.90	12.86	14.48	15.09	11.01	10.16	9.74
90%	9.00	8.75	8.01	7.87	7.32	8.41	11.74	12.90	12.01	9.00	9.00	9.00
95%	6.15	6.11	6.08	6.06	6.06	6.38	7.69	9.88	7.35	6.59	6.34	6.21

# Stampede Reservoir Exceedence Frequency Data

Jul 2, 2003

## localws.Stamsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	204500	204500	204500	204500	204500	204500	215100	225273	226324	226500	221065	221533
10%	204500	204396	204500	204500	204500	204500	215100	223832	225793	226500	220908	219651
20%	204500	203950	203958	204411	204500	204312	215088	218776	224798	226210	219143	217546
30%	204500	203950	203690	203527	204124	203930	205250	213160	223631	218940	215080	213087
40%	203374	202462	201873	201283	202377	203282	203147	206653	218526	212508	207642	205838
50%	171560	172218	172495	173500	180285	183092	188598	193118	184158	176188	173127	173855
60%	139084	139279	145455	144739	143787	146006	160474	172538	160571	148068	141206	139665
70%	107599	106398	106546	110428	108919	111361	118561	135008	127953	116752	109838	108964
80%	67696	65921	73071	72980	76023	71093	68853	76431	83840	74040	69858	69554
90%	26658	24448	21570	19320	17164	19491	31292	40973	39529	32778	28050	25192
95%	8190	7999	7640	7355	7433	7712	11976	18734	15487	13037	9168	8711

## localwsStam.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
5%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5948.41	5948.72	5948.77	5947.18	5947.32
10%	5942.21	5942.18	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5947.99	5948.56	5948.77	5947.13	5946.76
20%	5942.21	5942.04	5942.04	5942.18	5942.21	5942.15	5945.41	5946.50	5948.27	5948.68	5946.61	5946.14	5946.14
30%	5942.21	5942.04	5941.96	5941.91	5942.09	5942.03	5942.44	5944.83	5947.93	5946.55	5945.41	5944.81	5944.81
40%	5941.86	5941.58	5941.40	5941.22	5941.55	5941.83	5941.79	5942.87	5946.43	5944.64	5943.17	5942.62	5942.62
50%	5931.54	5931.77	5931.87	5932.21	5934.49	5935.42	5937.21	5938.66	5935.77	5933.12	5932.08	5932.33	5932.33
60%	5919.68	5919.75	5922.12	5921.85	5921.49	5922.33	5927.65	5931.88	5927.69	5923.11	5920.50	5919.90	5919.90
70%	5906.39	5905.84	5905.91	5907.68	5907.00	5908.11	5911.28	5918.08	5915.23	5910.50	5907.42	5907.02	5907.02
80%	5885.10	5883.97	5888.40	5888.34	5890.14	5887.20	5885.83	5890.37	5894.53	5888.97	5886.45	5886.26	5886.26
90%	5848.48	5845.40	5841.09	5837.43	5833.56	5837.72	5854.39	5864.67	5863.27	5856.13	5850.34	5846.46	5846.46
95%	5810.91	5810.27	5809.04	5808.04	5808.31	5809.29	5821.99	5836.42	5830.21	5824.66	5814.04	5812.60	5812.60

## localwsStam.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	3260	3260	3260	3260	3260	3260	3351	3435	3444	3445	3400	3404
10%	3260	3259	3260	3260	3260	3260	3351	3423	3439	3445	3399	3388
20%	3260	3255	3255	3259	3260	3258	3351	3381	3431	3443	3384	3371
30%	3260	3255	3253	3251	3257	3255	3267	3335	3421	3382	3351	3335
40%	3250	3242	3237	3231	3241	3249	3248	3279	3379	3330	3288	3272
50%	2910	2918	2921	2932	3010	3042	3103	3151	3054	2963	2928	2936
60%	2571	2573	2639	2632	2622	2645	2791	2921	2792	2666	2594	2577
70%	2170	2154	2156	2208	2188	2220	2316	2524	2438	2292	2200	2189
80%	1587	1556	1674	1673	1721	1643	1605	1727	1839	1689	1622	1617
90%	737	695	641	588	526	593	837	1050	1020	872	764	709
95%	301	297	288	280	283	290	385	572	476	410	323	313

## localwsStam.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	49.90	49.75	49.65	49.76	51.12	50.64	50.73	51.00	49.98	49.07	49.39	49.88
10%	47.00	47.12	47.23	47.51	47.70	46.98	46.44	49.44	48.45	47.09	46.73	46.82
20%	44.34	44.99	44.84	45.16	45.17	44.87	44.97	45.55	44.21	43.87	43.62	43.81
30%	44.09	44.42	44.58	44.69	44.45	44.53	44.24	43.50	42.68	42.77	42.94	43.14
40%	44.09	44.42	44.37	44.23	44.14	44.42	42.89	42.81	42.44	42.77	42.09	42.58
50%	44.09	44.28	44.09	44.09	44.09	44.09	41.92	42.17	42.17	42.46	41.66	42.00
60%	43.88	44.09	43.69	44.09	44.09	44.09	41.67	42.00	42.01	41.97	41.59	41.30
70%	42.22	42.05	41.96	42.18	42.47	42.11	41.67	41.36	41.98	41.02	41.35	41.11
80%	40.72	40.64	40.50	40.51	40.50	40.12	40.73	40.65	40.87	40.69	40.79	40.56
90%	25.11	23.68	19.25	18.44	19.75	20.74	27.94	32.23	31.82	29.34	23.36	24.42
95%	10.17	10.36	10.68	10.38	10.69	10.68	13.46	19.42	18.14	15.33	11.37	10.70

# Lake Tahoe Exceedence Frequency Data

Jul 2, 2003

## localws.Tahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	655045	645917	651077	663301	669832	688849	701356	732000	732000	732000	705979	671781
10%	624653	622046	626605	643870	649212	668356	677789	721620	732000	732000	699507	662822
20%	587051	577212	608228	616994	614328	613717	639618	698985	732000	731862	688797	637523
30%	563043	552920	559221	588100	594848	593821	613555	677947	732000	718396	677988	612845
40%	538917	528669	522811	550218	564114	561735	582973	654802	731714	707786	645776	587060
50%	484642	479325	475428	512525	517118	527782	536032	617848	668610	646360	602210	550475
60%	387294	368324	411369	417972	465661	475658	492126	550748	565613	553739	502502	443825
70%	306152	281125	283584	295964	312916	348249	383111	436818	481874	451367	406939	355688
80%	132680	122691	127421	140937	204237	216957	232853	286765	333958	313493	243293	184140
90%	-18106	-35879	-37564	-27143	11891	50469	97028	139174	154460	122285	73878	20310
95%	-93447	-118989	-118393	-109802	-88008	-47917	-24756	27749	59414	37024	-5204	-58048

## localwsTaho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6228.37	6228.30	6228.34	6228.44	6228.49	6228.65	6228.75	6229.00	6229.00	6229.00	6228.79	6228.51
10%	6228.12	6228.10	6228.14	6228.28	6228.32	6228.48	6228.56	6228.91	6229.00	6229.00	6228.73	6228.44
20%	6227.82	6227.74	6227.99	6228.06	6228.04	6228.04	6228.25	6228.73	6229.00	6229.00	6228.65	6228.23
30%	6227.62	6227.54	6227.59	6227.83	6227.88	6227.87	6228.03	6228.56	6229.00	6228.89	6228.56	6228.03
40%	6227.43	6227.34	6227.29	6227.52	6227.63	6227.61	6227.79	6228.37	6229.00	6228.80	6228.30	6227.82
50%	6226.98	6226.94	6226.91	6227.21	6227.25	6227.33	6227.40	6228.07	6228.48	6228.30	6227.94	6227.52
60%	6226.18	6226.03	6226.38	6226.44	6226.83	6226.91	6227.04	6227.52	6227.64	6227.55	6227.13	6226.65
70%	6225.52	6225.31	6225.33	6225.44	6225.57	6225.86	6226.15	6226.59	6226.96	6226.71	6226.35	6225.93
80%	6224.09	6224.01	6224.05	6224.16	6224.68	6224.79	6224.92	6225.36	6225.75	6225.58	6225.00	6224.52
90%	6222.85	6222.70	6222.69	6222.78	6223.10	6223.42	6223.80	6224.15	6224.27	6224.51	6223.61	6223.17
95%	6222.23	6222.02	6222.02	6222.09	6222.27	6222.60	6222.80	6223.23	6223.49	6223.31	6222.96	6222.52

## localwsTaho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	122989	122971	122982	123005	123018	123055	123080	123139	123139	123139	123089	123022
10%	122930	122925	122934	122967	122978	123015	123034	123119	123139	123139	123076	123004
20%	122766	122706	122894	122915	122910	122909	122959	123075	123139	123139	123055	122955
30%	122621	122560	122598	122772	122813	122807	122908	123034	123139	123113	123034	122907
40%	122475	122413	122378	122543	122627	122613	122741	122989	123139	123092	122971	122766
50%	122155	122144	122136	122316	122343	122408	122458	122917	123016	122972	122857	122545
60%	121948	121908	121999	122013	122115	122136	122192	122546	122636	122564	122255	122068
70%	121794	121749	121753	121776	121806	121870	121939	122054	122150	122085	121990	121884
80%	121499	121482	121490	121512	121616	121637	121663	121759	121844	121807	121681	121583
90%	121233	121196	121192	121214	121291	121357	121438	121509	121534	121481	121398	121305
95%	121077	121024	121026	121043	121088	121171	121219	121318	121373	121334	121259	121150

## localwsTaho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	866.21	866.56	869.28	868.01	868.17	866.49	867.34	865.73	863.08	864.44	866.69	868.46
10%	860.02	856.87	867.40	865.36	866.20	862.00	865.22	863.42	825.77	835.06	864.16	866.72
20%	771.77	712.98	840.40	858.79	856.68	830.05	860.11	851.27	633.56	710.16	831.20	862.93
30%	684.20	637.53	655.08	762.19	802.53	775.00	779.68	800.54	611.16	667.49	789.44	846.08
40%	591.30	547.82	533.51	628.32	693.02	667.68	727.71	727.79	611.16	611.79	755.05	763.71
50%	502.02	471.84	457.63	502.55	505.77	544.04	579.05	660.91	611.16	611.16	699.34	631.44
60%	410.06	411.47	387.41	433.35	446.35	448.29	465.02	590.80	611.16	572.61	498.78	431.29
70%	352.51	356.18	357.50	360.55	367.29	370.66	365.98	400.95	422.58	391.90	376.61	362.86
80%	329.90	327.57	335.95	332.39	334.55	337.44	337.82	346.37	349.25	353.76	346.59	336.65
90%	314.42	314.54	316.95	315.10	309.69	310.15	312.20	313.07	315.20	318.04	317.68	316.88
95%	310.08	308.30	308.78	307.92	307.22	306.42	308.37	307.54	309.71	311.00	307.66	308.32

# TRUCKEE RIVER OPERATING AGREEMENT

## Boca Reservoir Exceedence Frequency Data

Jul 2, 2003

troa03.Bocasto

### STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	32900	32900	32900	32900	32900	32900	37100	40900	40900	40900	39353	31559
10%	32900	32900	32900	32900	32900	32900	37100	40900	40900	40893	32487	28169
20%	31792	32894	32900	32900	32900	32900	37100	40757	40900	40890	28185	21136
30%	28768	31749	32900	32900	32900	32900	37100	40476	40798	40009	24859	17129
40%	25062	27861	31392	32570	32900	32900	37100	40077	40568	35912	20860	14672
50%	19295	23102	23925	28762	32718	32900	37100	39435	40400	32562	18892	13725
60%	13658	13225	15439	20710	26330	32900	36916	37837	40116	29071	15695	12296
70%	10405	9021	9591	11369	13856	29114	33400	35843	39940	23699	11725	8866
80%	7694	5312	3780	4853	4519	14876	26216	33400	28540	17407	7939	6625
90%	4911	2420	2503	1859	910	5004	15376	21222	18230	9802	5141	5020
95%	1516	598	1557	1050	275	1047	4794	7806	7405	4894	2875	1270

troa03Boca.elev

### ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5596.45	5596.45	5596.45	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.07	5603.47	5594.92
10%	5596.45	5596.45	5596.45	5596.45	5596.45	5596.45	5601.09	5605.07	5605.07	5605.06	5595.98	5590.89
20%	5595.19	5596.44	5596.45	5596.45	5596.45	5596.45	5601.09	5604.92	5605.07	5605.06	5590.91	5581.71
30%	5591.62	5595.14	5596.45	5596.45	5596.45	5596.45	5601.09	5604.64	5604.97	5604.16	5586.74	5575.73
40%	5587.00	5590.52	5594.72	5596.08	5596.45	5596.45	5601.09	5604.23	5604.73	5599.80	5581.32	5571.68
50%	5579.05	5584.42	5585.52	5591.61	5596.25	5596.45	5601.09	5603.56	5604.56	5596.07	5578.44	5570.02
60%	5569.90	5569.12	5572.98	5581.11	5588.62	5596.45	5600.89	5601.88	5604.27	5591.99	5573.41	5567.40
70%	5563.67	5560.70	5561.95	5565.61	5570.26	5592.04	5597.02	5599.73	5604.08	5585.22	5566.31	5560.35
80%	5557.61	5551.25	5546.23	5549.85	5548.78	5572.03	5588.47	5597.02	5591.34	5576.17	5558.20	5554.91
90%	5550.03	5540.51	5540.92	5537.55	5531.11	5550.32	5572.88	5581.83	5577.44	5562.40	5550.74	5550.37
95%	5535.47	5528.35	5535.73	5532.22	5524.89	5532.20	5549.66	5557.88	5556.90	5549.98	5542.62	5533.83

troa03Boca.area

### AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	881	881	881	881	881	881	931	978	978	978	959	864
10%	881	881	881	881	881	881	931	978	978	978	876	821
20%	867	881	881	881	881	881	931	976	978	978	821	708
30%	829	866	881	881	881	881	931	973	977	967	772	632
40%	775	817	862	877	881	881	931	968	974	917	703	582
50%	674	742	757	829	879	881	931	960	972	877	666	561
60%	560	550	598	700	794	881	929	941	968	833	603	529
70%	484	448	463	507	564	833	887	916	966	753	516	444
80%	412	336	273	319	305	586	793	887	826	637	418	380
90%	321	205	209	175	123	325	596	710	654	469	330	325
95%	156	104	159	131	82	130	317	415	404	321	228	143

troa03Boca.hab.h2

### HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.46	19.00	19.27	19.00	19.20	18.74	19.00	18.86	19.18	19.17	19.50	19.50
10%	19.00	18.97	18.87	18.76	18.75	18.26	18.63	18.15	18.84	18.94	19.50	19.36
20%	18.75	18.52	18.23	18.13	18.06	17.03	16.73	18.00	18.00	18.48	19.02	18.98
30%	18.02	18.00	18.00	17.94	16.69	16.45	16.59	18.00	18.00	18.00	18.66	18.65
40%	18.00	18.00	17.81	16.46	16.45	16.45	16.59	18.00	18.00	18.13	18.35	
50%	18.00	17.03	16.45	16.45	16.45	16.45	16.59	17.73	18.00	18.00	18.00	18.02
60%	17.15	16.45	16.45	16.45	16.45	16.45	16.59	17.39	18.00	17.89	18.00	18.00
70%	16.48	16.45	16.45	16.45	16.45	16.45	16.59	17.02	18.00	17.37	17.97	17.98
80%	16.45	16.37	16.41	16.11	16.45	16.45	16.50	17.63	16.48	16.98	17.36	
90%	16.11	14.24	15.44	13.72	10.41	16.15	16.48	16.36	17.56	15.93	16.06	16.50
95%	11.90	9.73	12.80	10.50	7.87	10.69	16.12	15.80	16.40	15.52	15.51	11.42

# Donner Lake Exceedence Frequency Data

Jul 2, 2003

## troa03.Donnsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5000	3482	4952	5015	5144	5014	6498	9500	9500	9500	9309	8955
10%	5000	3037	3913	3987	3946	4984	6260	9500	9500	9500	9176	8676
20%	5000	2890	3562	3580	3710	4661	5630	9500	9500	9500	9031	8369
30%	5000	2890	3264	3429	3568	4346	5416	9500	9500	9500	8883	8186
40%	5000	2890	3155	3281	3530	4123	5000	9500	9500	9352	8718	7990
50%	5000	2890	2925	3195	3415	3895	5000	9418	9500	9162	8505	7732
60%	4938	2890	2890	3108	3298	3808	5000	8864	9500	8980	8256	7443
70%	4804	2890	2890	2890	3059	3656	5000	8351	9448	8689	7975	7251
80%	4630	2890	2890	2890	2890	3523	5000	8098	8930	8222	7533	6753
90%	4255	2890	2890	2890	2890	3343	5000	7898	8186	7638	7045	5709
95%	3975	2890	2890	2890	2890	3261	5000	7792	7725	7178	6579	5167

## troa03Donn.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5930.39	5928.47	5930.33	5930.41	5930.57	5930.41	5932.23	5935.80	5935.80	5935.80	5935.58	5935.17
10%	5930.39	5927.90	5929.02	5929.12	5929.06	5930.37	5931.94	5935.80	5935.80	5935.80	5935.42	5934.84
20%	5930.39	5927.70	5928.57	5928.59	5928.76	5929.97	5931.17	5935.80	5935.80	5935.80	5935.26	5934.48
30%	5930.39	5927.70	5928.19	5928.40	5928.58	5929.57	5930.91	5935.80	5935.80	5935.80	5935.08	5934.26
40%	5930.39	5927.70	5928.05	5928.21	5928.53	5929.29	5930.39	5935.80	5935.80	5935.63	5934.89	5934.03
50%	5930.39	5927.70	5927.75	5928.10	5928.38	5929.00	5930.39	5935.71	5935.80	5935.41	5934.64	5933.72
60%	5930.31	5927.70	5927.70	5927.99	5928.23	5928.89	5930.39	5935.06	5935.80	5935.20	5934.34	5933.37
70%	5930.15	5927.70	5927.70	5927.70	5927.92	5928.69	5930.39	5934.46	5935.74	5934.86	5934.01	5933.14
80%	5929.93	5927.70	5927.70	5927.70	5927.70	5928.52	5930.39	5934.16	5935.14	5934.30	5933.48	5932.54
90%	5929.45	5927.70	5927.70	5927.70	5927.70	5928.29	5930.39	5933.92	5934.26	5933.61	5932.90	5931.27
95%	5929.10	5927.70	5927.70	5927.70	5927.70	5928.19	5930.39	5933.79	5933.71	5933.06	5932.33	5930.60

## troa03Donn.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	803	778	802	803	805	803	822	864	864	864	860	853
10%	803	771	785	786	786	802	819	864	864	864	857	848
20%	803	768	779	780	782	798	812	864	864	864	854	845
30%	803	768	774	777	780	792	809	864	864	864	851	843
40%	803	768	773	775	779	789	803	864	864	864	849	840
50%	803	768	769	773	777	785	803	862	864	857	846	837
60%	802	768	768	772	775	784	803	851	864	853	843	834
70%	800	768	768	768	771	781	803	845	863	849	840	831
80%	797	768	768	768	768	779	803	842	852	843	835	825
90%	791	768	768	768	768	776	803	839	843	836	829	813
95%	786	768	768	768	768	774	803	838	837	831	823	805

## troa03Donn.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	19.50	20.30	20.30	20.30	20.30	19.83	19.11	20.61	20.61	20.61	19.06	19.32
10%	19.50	20.30	20.30	20.30	20.30	19.73	19.11	20.61	20.61	20.61	17.97	18.47
20%	19.50	20.30	20.30	20.30	20.30	19.50	19.11	20.61	20.61	20.61	16.82	15.84
30%	19.36	20.30	20.30	20.30	20.08	19.50	19.11	20.61	20.61	20.61	15.82	15.00
40%	19.19	20.30	20.30	20.02	19.77	19.50	19.11	20.61	20.61	19.40	15.16	15.00
50%	19.11	20.30	20.25	19.90	19.62	19.50	19.11	19.94	20.61	17.86	15.00	15.00
60%	19.11	20.30	19.95	19.80	19.50	19.50	19.11	15.74	20.61	16.38	15.00	15.00
70%	19.11	20.30	19.82	19.61	19.50	19.50	18.59	15.00	20.19	15.00	15.00	15.00
80%	19.11	20.30	19.50	19.50	19.50	19.49	18.00	15.00	16.01	15.00	15.00	15.00
90%	19.11	20.12	19.50	19.50	19.50	19.14	16.26	15.00	15.00	15.00	15.00	15.00
95%	19.11	19.57	19.22	18.96	19.05	19.10	15.60	15.00	15.00	15.00	15.00	15.00



# Independence Lake Exceedence Frequency Data

Jul 2, 2003

## troa03.Indesto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	15000	15000	15000	15000	15000	15000	15700	16500	17200	17200	17200	16288
10%	15000	14989	15000	15000	15000	15000	15700	16500	17200	17200	17087	15400
20%	14919	14727	14860	14963	15000	15000	15700	16500	17200	17200	16138	15400
30%	14500	14500	14500	14577	15000	15000	15700	16500	17200	17198	16100	15400
40%	14500	14500	14500	14500	15000	15000	15700	16500	17200	17050	16100	15400
50%	14500	14495	14482	14482	14995	15000	15700	16500	17200	16950	16100	15400
60%	14500	14446	14413	14413	14813	15000	15700	16500	17200	16670	16015	15400
70%	14500	14345	14303	14298	14609	15000	15700	16500	17200	16670	15950	15365
80%	14500	14225	14115	14061	14428	15000	15700	16500	17116	16576	15950	15278
90%	14126	13755	13522	12844	12920	13508	14578	16407	16574	16183	15521	15022
95%	7817	7469	7469	7469	7929	9465	11755	15236	15163	13626	12653	10519

## troa03Inde.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6945.68	6945.68	6945.68	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.87	6947.56
10%	6945.68	6945.66	6945.68	6945.68	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6948.71	6946.27
20%	6945.56	6945.27	6945.47	6945.62	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6947.35	6946.27
30%	6944.93	6944.93	6944.93	6945.05	6945.68	6945.68	6946.71	6947.87	6948.87	6948.87	6947.29	6946.27
40%	6944.93	6944.93	6944.93	6944.93	6945.68	6945.68	6946.71	6947.87	6948.87	6948.66	6947.29	6946.27
50%	6944.93	6944.93	6944.91	6944.91	6945.67	6945.68	6946.71	6947.87	6948.87	6948.52	6947.29	6946.27
60%	6944.93	6944.85	6944.80	6944.80	6945.40	6945.68	6946.71	6947.87	6948.87	6948.12	6947.17	6946.27
70%	6944.93	6944.70	6944.64	6944.63	6945.10	6945.68	6946.71	6947.87	6948.87	6948.12	6947.07	6946.21
80%	6944.93	6944.52	6944.36	6944.28	6944.83	6945.68	6946.71	6947.87	6948.75	6947.98	6947.07	6946.09
90%	6944.38	6943.82	6943.47	6942.44	6942.56	6943.45	6945.05	6947.74	6947.98	6947.41	6946.44	6945.71
95%	6934.52	6933.95	6933.95	6933.95	6934.70	6937.19	6940.78	6946.02	6945.92	6943.63	6942.15	6938.87

## troa03Inde.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	675	675	675	675	675	675	683	693	704	704	704	690
10%	675	675	675	675	675	675	683	693	704	704	702	679
20%	675	673	674	675	675	675	683	693	704	704	688	679
30%	672	672	672	672	675	675	683	693	704	704	688	679
40%	672	672	672	672	675	675	683	693	704	701	688	679
50%	672	672	672	672	675	675	683	693	704	700	688	679
60%	672	671	671	671	674	675	683	693	704	695	687	679
70%	672	671	670	670	672	675	683	693	704	695	686	679
80%	672	670	669	668	671	675	683	693	702	694	686	678
90%	669	666	664	659	660	664	672	692	694	689	681	676
95%	609	606	606	606	610	625	651	677	677	665	658	638

## troa03Inde.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	7.50	7.50	7.50	7.50	7.50	8.56	9.84	12.87	15.24	15.24	15.24	12.48
10%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	14.92	9.88
20%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	11.98	8.30
30%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	15.24	11.66	8.30
40%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	14.82	11.66	8.30
50%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	14.52	11.66	8.30
60%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	13.35	11.44	8.30
70%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.24	13.35	10.81	8.25
80%	7.50	7.50	7.50	7.50	7.50	7.50	9.62	12.87	15.01	13.02	10.79	7.99
90%	7.50	7.50	7.50	7.50	7.50	7.50	8.78	12.65	13.02	12.30	9.86	7.58
95%	6.53	6.08	6.08	6.08	6.71	7.50	7.65	10.81	10.64	10.76	7.96	7.50

# Lahontan Reservoir Exceedence Frequency Data

Jul 2, 2003

## troa03.Lahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	238981	242301	259851	304991	316900	316900	316900	316900	316900	316055	277492	246118
10%	224544	228068	246898	268483	299785	316360	316900	316900	316900	309797	268225	237221
20%	203971	208093	224849	241314	264258	285625	296911	316900	316900	294406	249411	216226
30%	179408	182366	199546	221591	240344	262477	272169	281238	306849	272328	226136	192998
40%	136245	145625	158201	182241	207491	229507	237877	248105	261783	222899	180684	147921
50%	87530	96515	117985	147628	173278	196372	203725	217832	218498	178768	133672	101042
60%	64667	70322	97008	127945	155944	178525	186220	199879	192489	156074	111035	78674
70%	53567	70000	97000	116195	141227	164670	174249	185334	184832	144865	99676	67359
80%	48000	65793	90694	107641	131324	152517	156392	175881	168335	126069	89643	61012
90%	20374	31783	56678	83679	107365	132328	135295	139606	118353	78460	41897	23177
95%	3990	6119	21478	41355	69909	118511	123066	96802	57952	13630	3990	3990

## troa03Laho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	4156.84	4157.20	4159.00	4162.68	4163.50	4163.50	4163.50	4163.50	4163.50	4163.44	4160.57	4157.60
10%	4155.21	4155.61	4157.68	4159.80	4162.30	4163.46	4163.50	4163.50	4163.50	4163.02	4159.77	4156.64
20%	4152.69	4153.21	4155.24	4157.09	4159.41	4161.24	4162.10	4163.50	4163.50	4161.91	4157.95	4154.22
30%	4149.40	4149.82	4152.13	4154.86	4156.99	4159.24	4160.13	4160.89	4162.81	4160.14	4155.39	4151.27
40%	4142.46	4144.11	4146.21	4149.80	4153.14	4155.78	4156.71	4157.81	4159.18	4155.02	4149.58	4144.50
50%	4132.66	4134.68	4139.08	4144.45	4148.52	4151.71	4152.66	4154.41	4154.49	4149.31	4142.00	4135.65
60%	4126.58	4128.27	4134.78	4140.96	4145.85	4149.28	4150.35	4152.17	4151.20	4145.87	4137.71	4130.51
70%	4122.84	4128.18	4134.78	4138.73	4143.34	4147.23	4148.66	4150.23	4150.16	4143.98	4135.36	4127.40
80%	4120.74	4126.94	4133.38	4137.03	4141.58	4145.28	4145.92	4148.90	4147.79	4140.61	4133.15	4125.41
90%	4106.12	4113.32	4123.94	4131.75	4136.97	4141.76	4142.29	4143.06	4139.15	4130.46	4118.21	4108.07
95%	4089.62	4092.69	4106.90	4117.98	4128.15	4139.18	4140.05	4134.74	4124.38	4100.78	4089.62	4089.62

## troa03Laho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9155	9305	10283	14108	14827	14827	14827	14827	14827	14780	11983	9486
10%	8565	8704	9523	11105	13755	14797	14827	14827	14827	14430	11081	9081
20%	7842	7969	8577	9258	10702	12714	13561	14827	14827	13382	9643	8258
30%	7055	7160	7719	8453	9212	10532	11461	12351	14234	11477	8628	7550
40%	5615	5777	6240	7155	7948	8761	9108	9581	10466	8500	7100	5829
50%	4305	4595	5178	5823	6816	7636	7835	8317	8341	7033	5572	4716
60%	3198	3516	4610	5423	6139	7024	7308	7728	7537	6145	4992	3942
70%	2757	3503	4610	5134	5698	6504	6857	7272	7252	5760	4682	3366
80%	2540	3275	4416	4879	5511	5977	6160	6926	6621	5374	4382	3026
90%	1395	1830	2888	4160	4871	5537	5599	5671	5186	3930	2297	1476
95%	633	755	1427	2275	3500	5190	5295	4604	2933	1133	633	633

## troa03Laho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	548.61	577.25	938.79	1375.94	1514.45	1642.58	1641.36	1616.52	1575.19	1660.04	1546.20	608.91
10%	456.22	476.78	617.67	1255.49	1358.79	1502.96	1466.44	1404.07	1404.03	1571.77	1245.74	536.37
20%	399.60	406.58	459.81	570.57	1078.48	1358.79	1358.79	1358.79	1358.79	1432.96	652.80	424.34
30%	356.06	345.01	410.05	444.85	554.75	1012.33	1351.36	1358.79	1358.79	1301.98	469.39	353.65
40%	302.57	305.97	330.30	376.26	424.28	484.65	545.29	638.53	958.59	450.55	358.34	319.35
50%	219.21	284.91	235.74	250.60	376.30	406.48	404.63	433.27	429.74	380.04	254.82	263.76
60%	167.94	282.27	209.31	211.84	304.10	398.14	394.61	402.69	402.38	329.34	210.72	227.00
70%	152.22	209.29	208.29	200.10	220.99	362.82	361.67	394.65	395.57	211.07	199.95	178.99
80%	147.79	170.03	201.10	187.91	196.65	253.94	322.25	353.60	339.19	175.44	177.42	149.32
90%	89.23	105.88	136.91	163.24	164.19	198.34	193.29	273.48	186.85	138.70	127.06	91.56
95%	60.00	60.00	75.79	143.04	155.00	175.72	166.89	207.84	153.73	63.00	60.00	60.00

# Prosser Creek Reservoir Exceedence Frequency Data

Jul 2, 2003

## troa03.Prosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	9800	9800	9800	9800	9800	9800	19700	29623	29800	29800	29340	27733
10%	9800	9800	9800	9800	9800	9800	19700	28956	29800	29800	29340	27434
20%	9800	9800	9800	9800	9800	9800	19700	27415	29795	29796	29228	26474
30%	9800	9800	9800	9800	9800	9800	19700	25824	28924	29340	28900	25839
40%	9800	9800	9770	9800	9800	9800	19700	23843	28178	29340	28775	22416
50%	9800	9800	9770	9800	9792	9800	18198	21360	26995	29155	28115	20445
60%	9800	9800	9770	9755	9770	9800	13135	19390	26950	27274	23794	17678
70%	9800	9740	9718	9690	9670	9800	10665	14693	22757	22072	19819	14937
80%	9748	8482	8894	8761	9130	9706	9803	11065	16082	15403	14527	11706
90%	8401	7700	7586	7435	7150	6855	9441	9800	10904	10506	9722	8808
95%	3071	3085	3203	3069	3081	3948	5070	8732	5972	4886	3982	3404

## troa03Pros.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5740.90	5741.13	5741.13	5740.52	5738.30
10%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5740.00	5741.13	5741.13	5740.52	5737.88
20%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5737.86	5741.13	5741.13	5740.36	5736.50
30%	5703.60	5703.60	5703.60	5703.60	5703.60	5703.60	5725.70	5735.55	5739.95	5740.52	5739.92	5735.58
40%	5703.60	5703.60	5703.51	5703.60	5703.60	5703.60	5725.70	5732.55	5738.93	5740.52	5739.75	5730.29
50%	5703.60	5703.60	5703.51	5703.60	5703.57	5703.60	5722.98	5728.55	5737.26	5740.27	5738.84	5727.00
60%	5703.60	5703.60	5703.51	5703.46	5703.51	5703.60	5712.41	5725.15	5737.19	5737.65	5732.48	5722.00
70%	5703.60	5703.42	5703.35	5703.27	5703.21	5703.60	5706.09	5715.94	5730.84	5729.73	5725.91	5716.46
80%	5703.44	5699.47	5700.81	5700.38	5701.56	5703.32	5703.61	5707.18	5718.86	5717.45	5715.58	5708.88
90%	5699.21	5696.81	5696.41	5695.87	5694.83	5693.73	5702.52	5703.60	5706.74	5705.64	5703.37	5700.53
95%	5675.76	5675.85	5676.58	5675.75	5675.82	5680.83	5686.36	5700.29	5690.25	5685.51	5681.02	5677.78

## troa03Pros.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	337	337	337	337	337	337	567	747	750	750	741	712
10%	337	337	337	337	337	337	567	734	750	750	741	706
20%	337	337	337	337	337	337	567	706	750	750	739	689
30%	337	337	337	337	337	337	567	678	733	741	733	678
40%	337	337	336	337	337	337	567	643	720	741	731	617
50%	337	337	336	337	337	337	537	598	698	738	719	581
60%	337	337	336	336	336	337	423	561	698	704	642	526
70%	337	335	335	334	334	337	360	460	623	611	569	466
80%	336	303	313	310	319	335	337	370	491	477	456	387
90%	301	285	282	278	272	264	328	337	366	355	335	311
95%	160	160	164	160	160	187	220	309	244	214	188	170

## troa03Pros.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	12.90	13.00	13.00	13.00	13.00	12.96	16.50	20.40	20.63	20.63	20.01	19.31
10%	12.90	12.97	13.00	13.00	13.00	12.90	16.50	19.57	20.63	20.63	20.01	18.88
20%	12.90	12.90	12.99	12.95	12.99	12.90	16.50	18.85	20.63	20.63	19.86	18.00
30%	12.90	12.90	12.99	12.90	12.90	12.90	16.50	17.77	19.56	20.01	19.50	18.00
40%	12.90	12.90	12.90	12.90	12.90	12.90	16.50	16.85	19.50	20.01	19.50	16.63
50%	12.90	12.90	12.90	12.90	12.90	12.90	16.50	16.50	18.25	19.76	19.50	16.50
60%	12.90	12.90	12.90	12.90	12.90	12.90	15.18	16.50	18.19	18.75	16.76	16.50
70%	12.90	12.90	12.90	12.90	12.90	12.90	13.97	15.90	16.50	16.50	16.50	16.14
80%	12.90	10.93	11.49	11.33	11.98	12.90	12.90	14.25	16.40	16.32	15.55	14.86
90%	10.61	9.89	9.89	9.47	9.51	9.74	12.16	12.90	14.36	13.67	12.24	11.52
95%	7.69	7.69	7.73	7.69	7.69	8.38	8.83	11.54	9.65	9.12	8.17	7.91

# Stampede Reservoir Exceedence Frequency Data

Jul 2, 2003

## troa03.Stamsto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	204500	204500	204500	204500	204500	204500	215100	226407	226500	226500	222696	222001
10%	204500	204500	204500	204500	204500	204500	215100	225612	226286	226500	221912	220141
20%	204500	204500	204500	204500	204500	204500	215100	223831	225411	226500	221505	219178
30%	204500	204282	204309	204424	204500	204500	215100	220994	224663	223211	218953	216443
40%	204500	203499	203633	203946	204500	204500	212769	216838	223630	220461	216563	213810
50%	201440	199230	200950	201955	203382	204475	206262	212690	219815	214358	209998	205120
60%	179646	179725	179695	183739	189560	193999	201622	204297	205746	200231	193101	188334
70%	151419	148765	151724	157626	160624	164701	180639	181798	176325	167460	161206	156364
80%	113746	110801	108808	109665	112529	108012	101333	124292	133897	127712	122628	118552
90%	72342	71063	70135	69343	68216	66354	78112	83533	87137	85008	76843	71574
95%	45457	44499	43601	43367	42826	47022	52092	63555	63876	57693	49963	47422

## troa03Stam.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5948.74	5948.77	5948.77	5947.66	5947.46
10%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5948.51	5948.71	5948.77	5947.43	5946.91
20%	5942.21	5942.21	5942.21	5942.21	5942.21	5942.21	5945.41	5947.99	5948.45	5948.77	5947.31	5946.62
30%	5942.21	5942.14	5942.15	5942.18	5942.21	5942.21	5945.41	5947.16	5948.23	5947.81	5946.56	5945.81
40%	5942.21	5941.90	5941.94	5942.04	5942.21	5942.21	5944.72	5945.93	5947.93	5947.00	5945.85	5945.03
50%	5941.26	5940.58	5941.11	5941.42	5941.86	5942.20	5942.75	5944.69	5946.81	5945.19	5943.88	5942.40
60%	5934.28	5934.31	5934.30	5935.63	5937.52	5938.94	5941.32	5942.15	5942.59	5940.89	5938.65	5937.13
70%	5924.35	5923.37	5924.47	5926.63	5927.71	5929.16	5934.61	5934.99	5933.17	5930.12	5927.92	5926.17
80%	5909.17	5907.85	5906.95	5907.34	5908.63	5906.58	5903.45	5913.72	5917.63	5915.13	5913.02	5911.28
90%	5887.96	5887.19	5886.62	5886.13	5885.43	5884.25	5891.34	5894.36	5896.30	5895.16	5890.61	5887.50
95%	5868.76	5867.92	5867.11	5866.90	5866.40	5870.11	5874.24	5882.43	5882.64	5878.41	5872.55	5870.45

## troa03Stam.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	3260	3260	3260	3260	3260	3260	3351	3444	3445	3445	3413	3408
10%	3260	3260	3260	3260	3260	3260	3351	3438	3443	3445	3407	3392
20%	3260	3260	3260	3260	3260	3260	3351	3423	3436	3445	3404	3384
30%	3260	3258	3258	3259	3260	3260	3351	3399	3430	3418	3383	3362
40%	3260	3251	3252	3255	3260	3260	3332	3365	3421	3395	3363	3341
50%	3233	3212	3228	3237	3250	3260	3276	3331	3390	3345	3309	3266
60%	3003	3003	3003	3049	3113	3160	3234	3258	3271	3222	3151	3100
70%	2700	2673	2703	2763	2793	2835	3014	3027	2965	2865	2799	2750
80%	2252	2213	2186	2198	2236	2176	2086	2391	2511	2435	2370	2316
90%	1663	1642	1627	1614	1595	1564	1753	1835	1887	1856	1733	1650
95%	1142	1122	1104	1099	1088	1175	1285	1514	1520	1402	1238	1183

## troa03Stam.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	50.84	51.00	50.40	50.16	50.02	49.80	50.03	50.69	49.63	49.71	50.11	50.34
10%	49.23	49.20	49.27	47.93	48.31	47.23	48.28	46.53	48.08	46.82	47.67	48.58
20%	44.46	45.25	45.40	45.65	45.31	44.33	44.17	43.83	44.15	43.60	43.68	43.94
30%	44.09	44.64	44.62	44.49	44.20	44.09	43.50	43.07	42.77	42.77	42.76	42.97
40%	44.09	44.24	44.21	44.20	44.09	44.09	41.98	42.62	42.65	42.77	42.00	42.11
50%	44.09	44.09	44.09	44.09	44.09	44.09	41.67	42.28	42.39	42.76	41.87	42.00
60%	44.09	44.09	44.09	44.09	44.09	44.09	41.67	42.01	42.18	42.01	41.79	41.59
70%	43.95	43.94	44.00	44.09	44.09	44.09	41.67	41.94	42.01	41.89	41.35	41.20
80%	41.99	41.90	41.91	42.00	41.83	42.00	41.64	41.25	41.62	41.43	41.09	41.10
90%	40.50	40.50	40.50	40.50	40.50	40.28	40.50	40.89	41.00	41.06	40.64	40.40
95%	35.52	35.18	34.54	34.36	33.85	36.44	37.93	40.44	40.51	40.50	37.84	36.59

# Lake Tahoe Exceedence Frequency Data

Jul 2, 2003

## troa03.Tahosto STORAGE EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	653858	643818	651423	664349	671915	694705	701834	732000	732000	732000	704308	670387
10%	625221	625914	628829	648090	651926	669890	686458	724768	732000	732000	698477	660628
20%	591329	586030	612123	620679	617702	618452	646176	703847	732000	731862	688797	637586
30%	572839	561741	566324	598670	603273	602121	625857	677406	732000	719555	677790	616113
40%	553139	543277	535395	566467	578538	571586	585746	660553	726167	705448	651173	597511
50%	506472	505070	501545	524615	534685	536538	550998	622662	673728	649978	604475	561918
60%	402145	384852	446049	469189	485048	507352	524781	575431	582365	553367	503067	450096
70%	322304	302534	306372	315761	333015	363674	401418	452293	488038	455817	407861	362590
80%	155299	138109	138986	149377	209712	224881	239320	289312	339090	315209	251487	200187
90%	-22257	-39828	-41568	-31044	2639	42189	89308	132403	148197	112507	67195	17983
95%	-99786	-127210	-125048	-116652	-94748	-55523	-31118	22077	52889	29925	-13118	-63882

## troa03Taho.elev ELEVATION EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	6228.36	6228.28	6228.34	6228.45	6228.51	6228.69	6228.75	6229.00	6229.00	6229.00	6228.77	6228.50
10%	6228.13	6228.14	6228.16	6228.32	6228.35	6228.49	6228.63	6228.94	6229.00	6229.00	6228.72	6228.42
20%	6227.85	6227.81	6228.02	6228.09	6228.07	6228.07	6228.30	6228.77	6229.00	6229.00	6228.65	6228.23
30%	6227.70	6227.61	6227.65	6227.91	6227.95	6227.94	6228.13	6228.55	6229.00	6229.00	6228.90	6228.06
40%	6227.54	6227.46	6227.40	6227.65	6227.75	6227.69	6227.81	6228.42	6228.95	6228.78	6228.34	6227.90
50%	6227.16	6227.15	6227.12	6227.31	6227.39	6227.41	6227.52	6228.11	6228.52	6228.33	6227.96	6227.61
60%	6226.31	6226.16	6226.67	6226.86	6226.99	6227.17	6227.31	6227.72	6227.78	6227.54	6227.13	6226.70
70%	6225.65	6225.49	6225.52	6225.60	6225.74	6225.99	6226.30	6226.72	6227.01	6226.75	6226.35	6225.98
80%	6224.28	6224.14	6224.15	6224.23	6224.73	6224.85	6224.97	6225.38	6225.79	6225.59	6225.07	6224.65
90%	6222.82	6222.67	6222.66	6222.74	6223.02	6223.35	6223.74	6224.94	6224.22	6223.93	6223.55	6223.15
95%	6222.18	6221.95	6221.97	6222.04	6222.22	6222.54	6222.74	6223.18	6223.44	6223.25	6222.89	6222.47

## troa03Taho.area AREA EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	122987	122967	122982	123007	123022	123067	123081	123139	123139	123139	123085	123019
10%	122931	122932	122938	122976	122983	123018	123051	123125	123139	123139	123074	123000
20%	122791	122759	122906	122922	122916	122918	122972	123084	123139	123139	123055	122955
30%	122680	122613	122640	122836	122864	122857	122932	123033	123139	123115	123034	122913
40%	122561	122501	122454	122641	122714	122672	122758	123000	123128	123088	122982	122829
50%	122279	122271	122249	122389	122449	122461	122548	122926	123026	122979	122871	122614
60%	121980	121943	122073	122123	122156	122284	122390	122695	122737	122562	122258	122082
70%	121823	121788	121795	121812	121843	121898	121978	122087	122168	122094	121992	121896
80%	121536	121508	121509	121526	121625	121650	121674	121764	121854	121811	121695	121610
90%	121224	121188	121184	121206	121275	121343	121425	121498	121524	121465	121386	121301
95%	121064	121004	121010	121029	121074	121155	121206	121308	121362	121322	121243	121138

## troa03Taho.hab.h2 HABITAT EXCEEDANCE

% EXCEED	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5%	867.18	866.97	869.11	868.88	868.02	868.60	867.08	866.06	865.37	866.28	865.32	867.91
10%	861.96	863.64	867.83	866.80	867.17	865.26	865.67	863.35	821.38	841.88	863.35	866.97
20%	795.59	751.83	855.66	862.85	859.23	845.19	861.64	854.30	648.26	714.18	831.91	863.76
30%	710.32	674.76	683.59	790.02	821.16	783.03	779.96	800.99	611.16	662.44	790.71	858.23
40%	648.17	607.92	576.37	689.70	749.49	703.62	720.15	726.94	611.16	611.79	766.31	807.34
50%	513.34	486.51	488.55	543.28	573.33	581.22	625.16	671.41	611.16	611.16	709.24	670.82
60%	421.86	427.01	427.26	442.07	482.59	492.61	531.34	611.16	611.16	587.84	508.79	461.26
70%	365.71	365.98	367.89	389.79	383.65	396.81	397.82	430.33	456.65	417.81	379.01	367.23
80%	330.15	328.71	340.90	342.98	345.54	346.48	342.68	348.80	351.72	354.43	348.08	342.10
90%	315.06	316.35	315.50	316.87	310.09	310.88	312.87	314.59	317.01	319.87	317.73	315.06
95%	310.23	309.92	309.83	307.70	307.51	307.10	308.77	307.78	310.23	311.78	308.28	307.82

# **Exhibit 8**

## **Truckee River Operations Model**

### **End of August Reservoir Exceedence Frequency Plots**

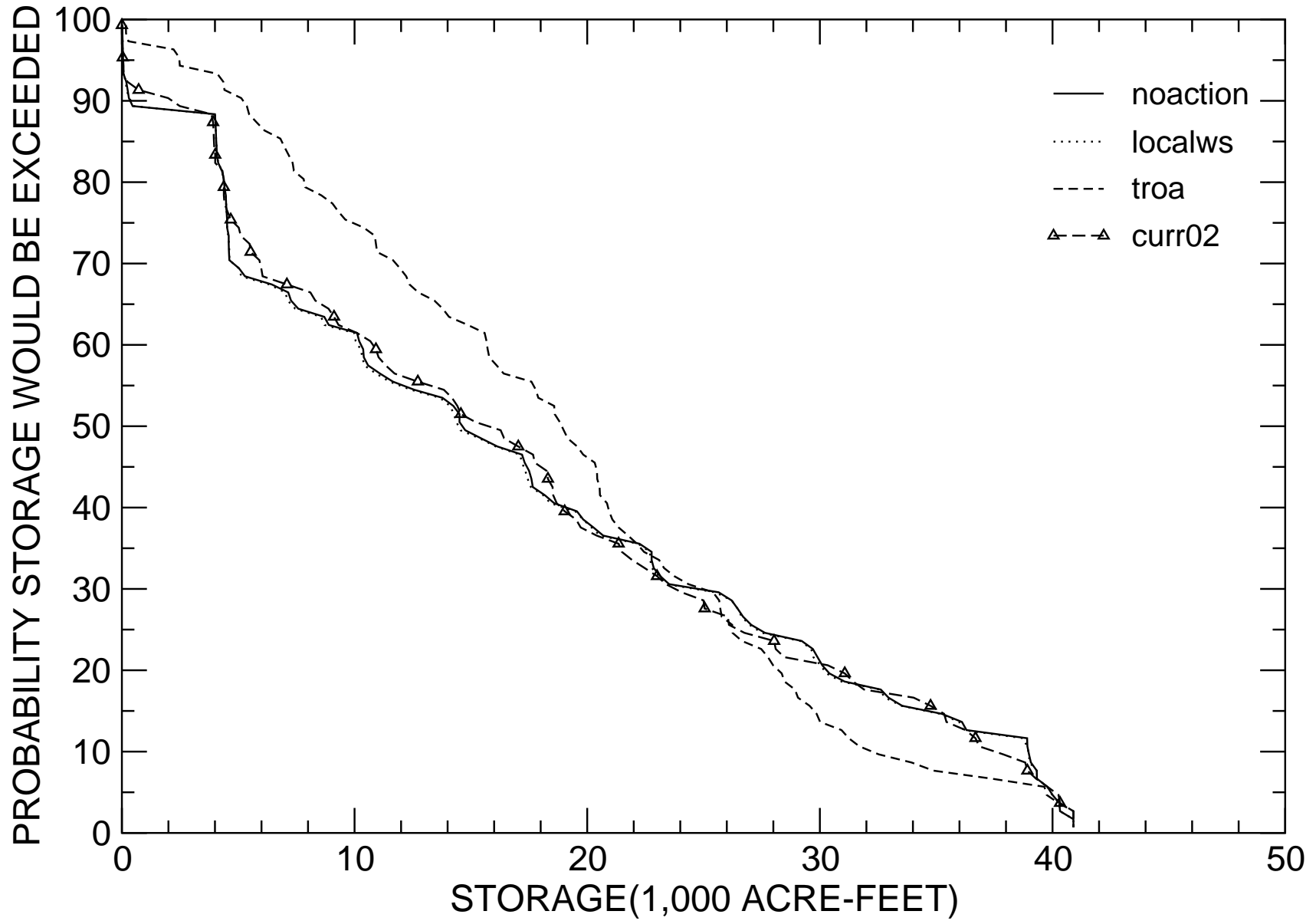
#### **for Current Conditions and Alternatives**

# **CONTENTS**

- 1 Boca Storage
- 2 Donner Storage
- 3 Independence Storage
- 4 Lahontan Storage
- 5 Prosser Storage
- 6 Stampede Storage
- 7 Tahoe Storage

# BOCA STORAGE, END OF AUGUST

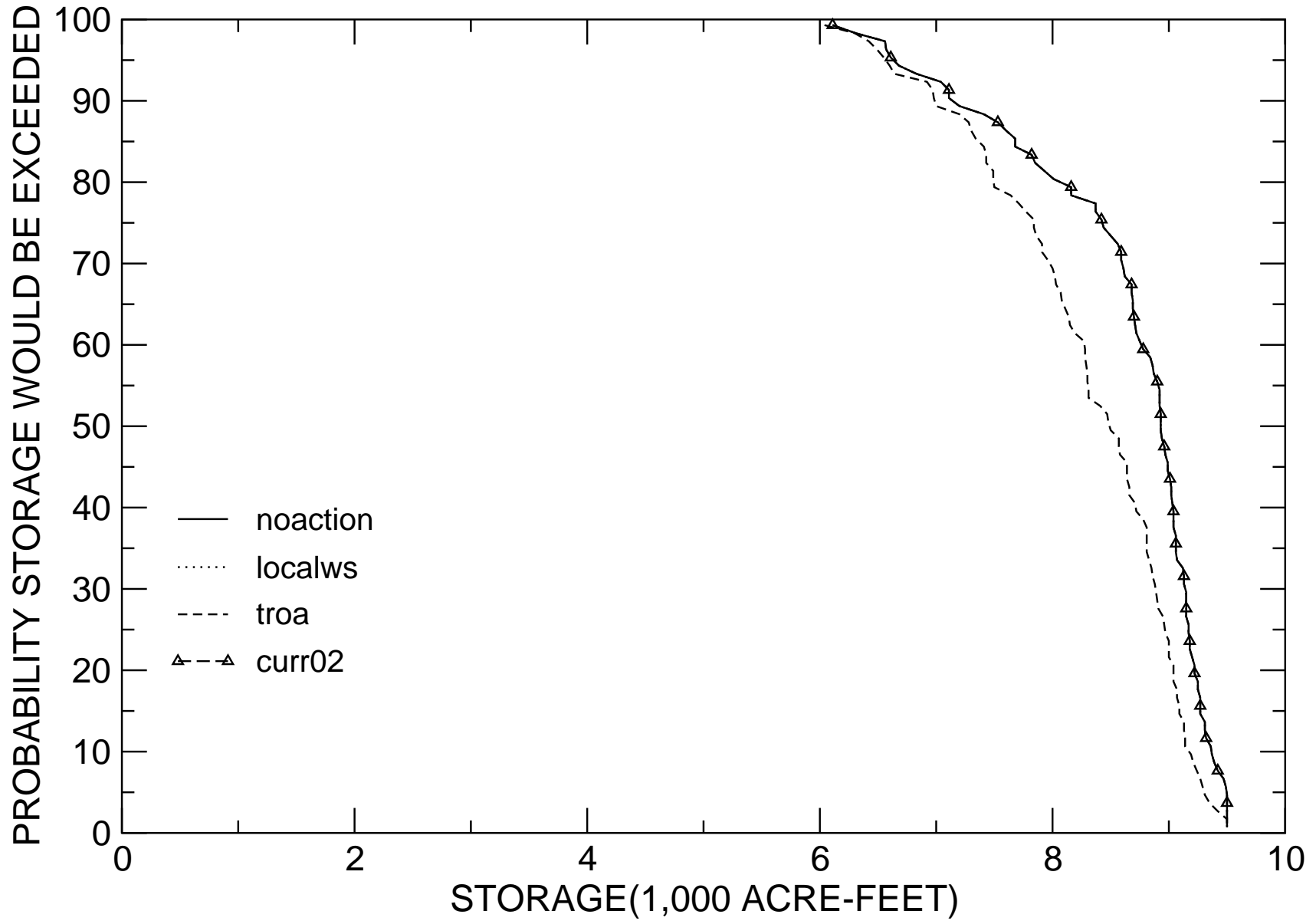
## DRAFT EIS - TROA 2003



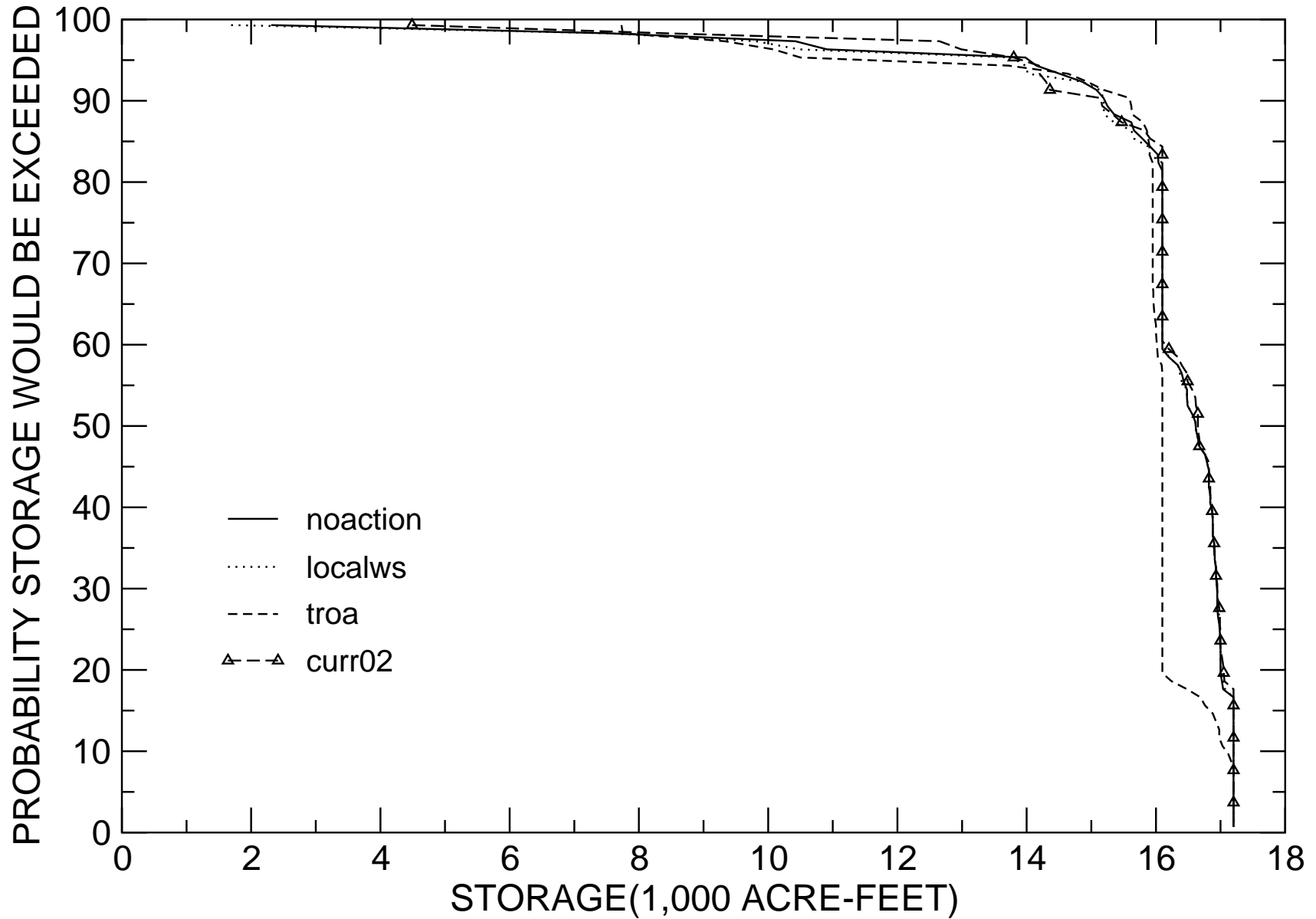


# DONNER STORAGE, END OF AUGUST

## DRAFT EIS - TROA 2003

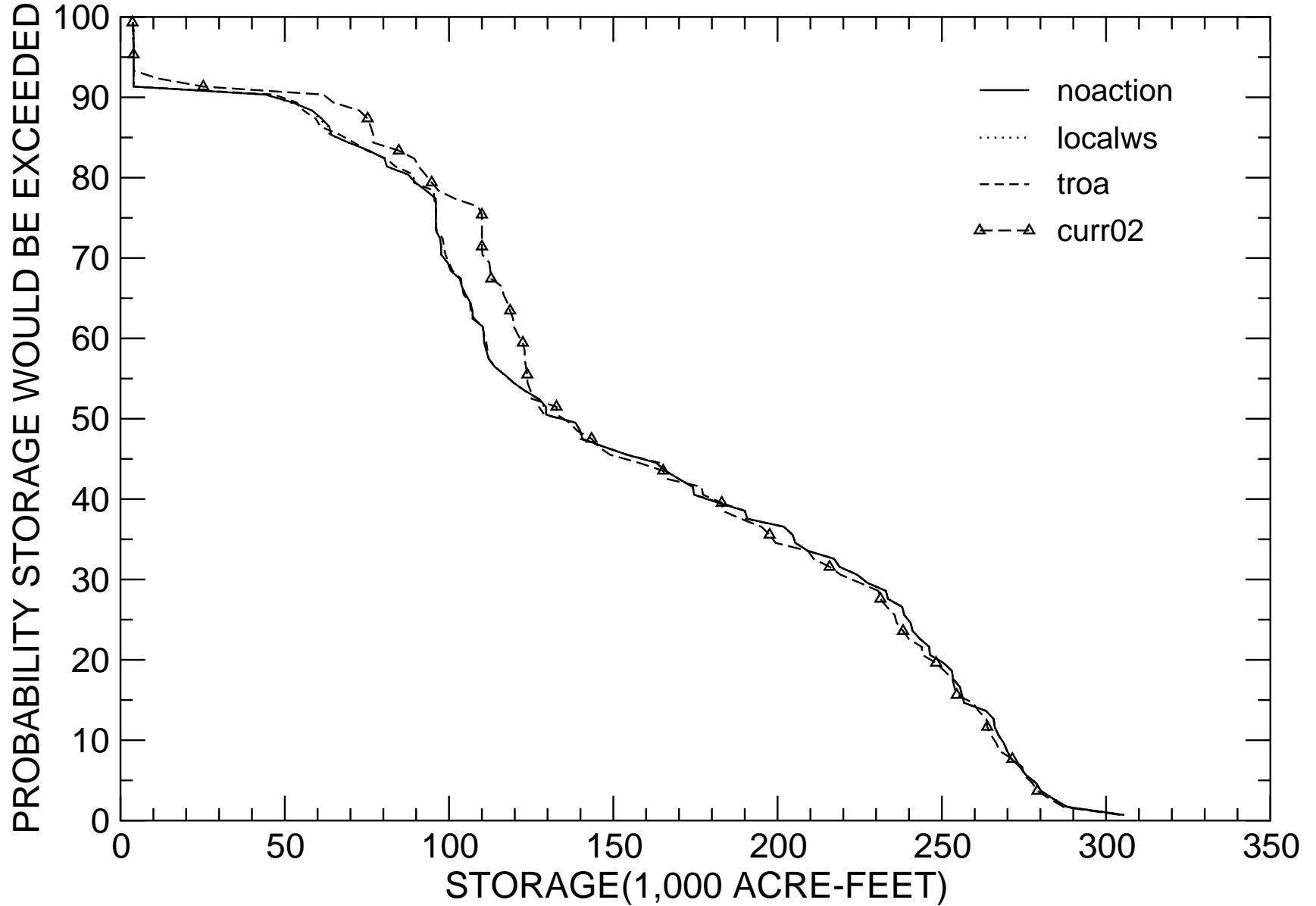


# INDEPENDENCE STORAGE, END OF AUGUST DRAFT EIS - TROA 2003



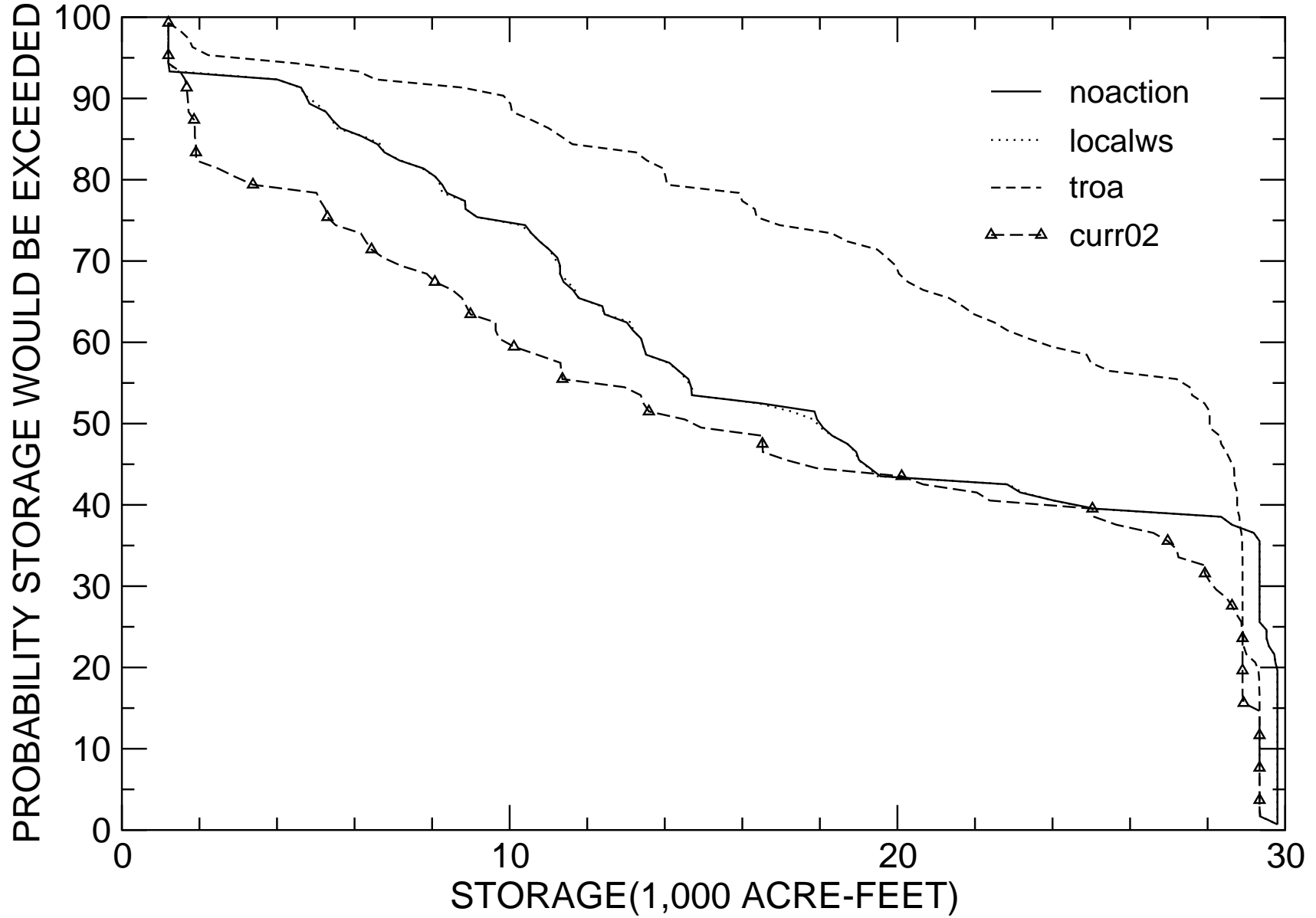
# LAHONTAN STORAGE, END OF AUGUST

## DRAFT EIS - TROA 2003



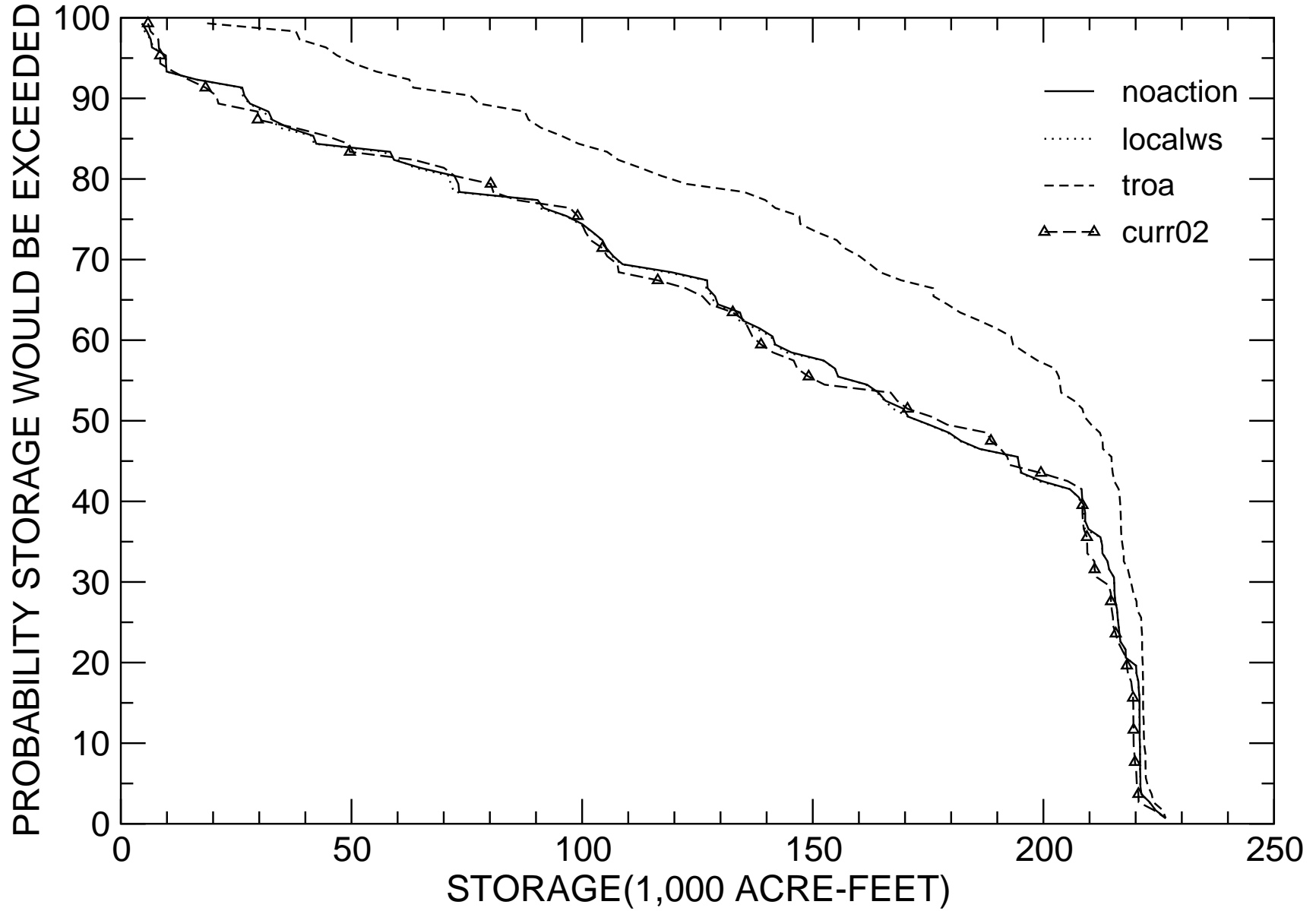
# PROSSER STORAGE, END OF AUGUST

## DRAFT EIS - TROA 2003



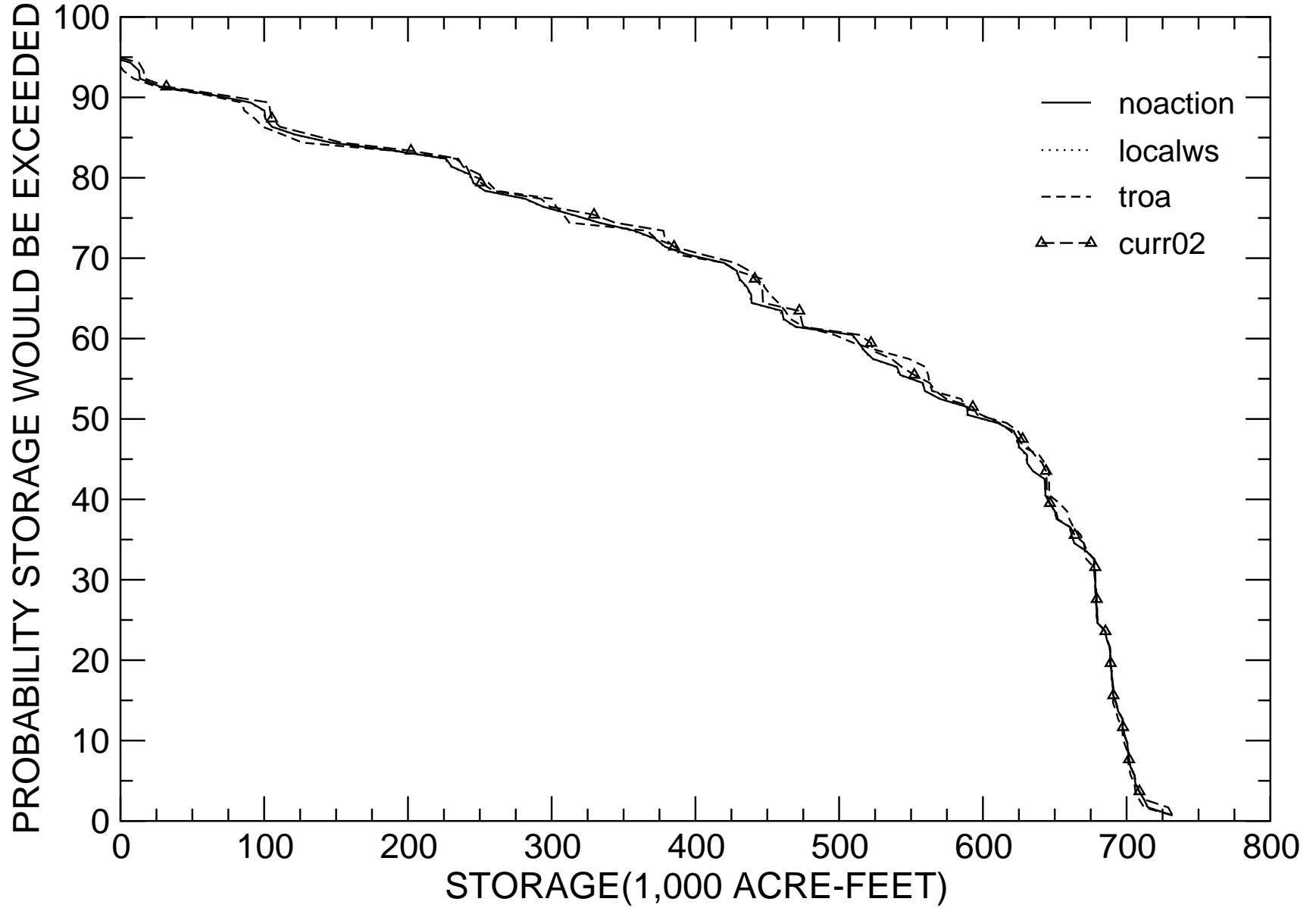
# STAMPEDE STORAGE, END OF AUGUST

## DRAFT EIS - TROA 2003



# TAHOE STORAGE, END OF AUGUST

## DRAFT EIS - TROA 2003



# **Exhibit 9**

## **Truckee River Operations Model**

**1901-2000 Simulated Monthly Flow Data for**

**Current Conditions and Alternatives**

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Exhibit 9 – 5	Flows-Current.xls	Truk-Boca
Exhibit 9 – 7	Flows-Current.xls	StampdRel
Exhibit 9 – 9	Flows-Current.xls	LTrukInd
Exhibit 9 – 11	Flows-Current.xls	Donner-Rel
Exhibit 9 – 13	Flows-Current.xls	ProssrRel
Exhibit 9 – 15	Flows-Current.xls	IndepnRel
Exhibit 9 – 17	Flows-Current.xls	Truk-Trophy
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Exhibit 9 – 117	Flows-TROA.xls	Truk-Oxbow
Exhibit 9 – 119	Flows-TROA.xls	Truk-Spice
Exhibit 9 – 121	Flows-TROA.xls	Truk-Lockwd
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# CURRENT CONDITIONS

## Lake Tahoe Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	50	50	50	50	50	50	70	70	70	70	70	70
1902	50	50	50	145	50	146	365	407	437	70	70	277
1903	252	232	243	149	52	50	70	309	437	70	70	258
1904	245	50	202	285	1443	1350	1395	1350	1352	70	70	70
1905	50	50	521	353	85	50	231	407	437	70	70	349
1906	284	204	305	123	1494	1350	1395	513	437	1424	70	344
1907	373	299	381	621	1494	1350	1617	2143	2608	1459	70	70
1908	50	50	780	483	135	50	70	70	70	70	70	211
1909	284	213	307	1003	1494	1026	555	407	437	70	70	70
1910	50	256	899	1012	50	431	555	716	117	70	215	436
1911	262	186	192	464	1494	1350	1395	509	437	723	70	70
1912	115	144	257	215	280	334	134	70	70	70	70	282
1913	317	137	290	303	272	243	70	70	70	70	70	206
1914	350	192	272	50	1494	697	555	407	437	278	70	121
1915	265	227	331	256	191	115	70	70	387	70	70	114
1916	264	207	259	655	720	667	555	407	437	125	70	112
1917	291	164	231	303	629	667	555	407	437	371	70	132
1918	275	193	277	313	253	250	70	70	70	70	70	348
1919	155	145	243	240	175	163	70	70	70	70	70	345
1920	312	238	271	290	274	268	70	70	70	70	70	336
1921	310	50	160	82	50	50	70	70	70	70	70	80
1922	323	185	267	224	260	356	70	70	70	70	70	71
1923	339	224	274	269	224	50	70	199	437	127	70	248
1924	292	236	341	339	214	392	170	165	444	452	471	467
1925	333	152	212	203	50	50	70	70	70	70	70	177
1926	265	137	156	145	99	50	70	70	70	116	424	442
1927	200	50	68	50	50	50	70	70	70	70	70	70
1928	50	50	117	190	171	50	70	70	70	70	189	454
1929	343	148	201	179	182	50	70	70	70	311	442	356
1930	151	36	34	97	50	50	70	70	70	116	386	230
1931	86	37	15	10	13	15	33	70	94	41	0	0
1932	0	0	0	0	0	0	0	40	70	89	262	113
1933	14	0	0	0	0	0	0	2	40	71	19	0
1934	0	0	0	0	0	1	9	15	17	0	0	0
1935	0	0	0	0	0	0	0	6	70	104	37	0
1936	0	0	0	0	14	50	70	70	70	70	394	432
1937	195	50	50	50	50	50	70	70	70	70	461	452
1938	275	50	50	50	50	43	2	25	70	70	70	70
1939	50	122	287	295	291	149	70	70	70	278	420	361
1940	328	219	227	50	50	50	70	70	70	70	70	70
1941	168	174	182	168	50	50	277	407	437	70	70	136
1942	178	186	305	781	1435	667	555	407	437	223	70	70
1943	221	50	560	1088	1494	871	555	407	437	136	70	70
1944	169	50	227	325	319	282	70	70	70	70	121	310
1945	305	165	78	207	40	99	70	70	70	70	70	156
1946	196	50	263	167	216	50	115	555	283	70	118	265
1947	158	71	213	259	85	50	70	70	70	205	471	330
1948	234	226	311	91	165	239	70	70	70	70	70	188

# Lake Tahoe Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1949	252	151	273	270	188	163	70	70	70	70	114	362
1950	215	50	162	96	50	50	70	70	70	70	70	70
1951	50	50	1143	923	50	220	555	441	401	70	70	227
1952	191	50	325	727	1443	1350	1395	959	437	951	70	70
1953	50	50	503	673	50	650	555	407	437	359	70	70
1954	50	50	50	50	207	50	70	165	115	70	290	371
1955	334	176	251	311	312	297	160	70	70	70	203	325
1956	234	149	50	157	800	667	555	407	437	223	70	70
1957	67	50	196	266	50	375	555	407	437	70	114	320
1958	163	98	195	261	1494	1024	555	407	437	294	70	70
1959	50	81	249	139	181	109	70	70	70	271	446	241
1960	249	242	279	281	71	50	70	70	70	70	70	285
1961	269	99	157	188	145	114	166	70	89	428	238	95
1962	12	0	0	0	8	69	70	70	70	127	368	171
1963	50	50	41	1	1	2	70	70	70	70	70	70
1964	50	50	69	130	194	75	70	70	70	70	70	85
1965	289	53	50	50	44	2	70	70	70	70	70	70
1966	50	382	790	284	50	50	70	70	70	70	156	352
1967	262	78	74	63	1219	667	555	407	437	572	70	70
1968	50	50	196	336	50	50	70	432	70	70	192	365
1969	212	75	221	822	1494	1350	1395	1072	437	185	70	70
1970	182	50	273	1350	873	667	555	407	437	70	70	364
1971	233	50	195	336	870	667	555	407	437	229	70	203
1972	197	128	192	220	168	50	70	70	70	70	70	296
1973	139	71	50	224	101	147	144	554	285	70	206	290
1974	192	50	547	760	1016	667	555	407	437	201	70	120
1975	235	198	272	270	188	621	555	407	437	112	70	167
1976	50	50	349	279	254	272	101	70	289	468	452	423
1977	305	194	295	280	251	193	271	291	291	437	260	87
1978	10	0	9	50	50	50	70	70	70	70	70	120
1979	111	50	50	50	84	50	70	70	70	70	420	418
1980	259	50	50	50	50	43	70	70	70	70	70	70
1981	50	50	50	90	77	201	70	70	70	382	453	446
1982	304	50	50	41	1494	1350	868	407	437	271	70	70
1983	50	986	1272	1173	1494	1350	1395	1350	2601	1080	310	70
1984	50	1956	1628	1319	1443	723	555	407	437	70	70	270
1985	237	50	124	203	177	110	70	70	70	70	103	411
1986	282	167	215	50	1494	1350	1395	1029	437	70	70	279
1987	171	177	260	240	151	165	70	70	70	396	444	452
1988	337	114	140	133	132	50	178	166	320	274	141	18
1989	0	0	0	0	0	12	70	70	70	123	271	141
1990	63	38	19	10	17	31	64	70	70	89	21	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	20	59	16	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	70	70	70	70	70	70
1996	50	50	50	50	566	667	555	407	437	70	70	366
1997	309	50	1201	3030	1494	826	555	407	437	70	70	394
1998	286	165	258	50	1494	1212	555	407	437	559	70	83
1999	249	50	215	645	1494	1350	1004	407	437	70	70	77

# Lake Tahoe Release (cfs)

2-Jul-03

	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2000	257	146	265	90	50	50	154	748	84	70	141	407

# Truckee River below Confluence of Donner Creek

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	178	202	151	128	378	487	668	970	639	239	91	166
1902	129	159	155	219	190	270	962	1034	856	174	101	370
1903	307	282	297	221	185	219	573	914	801	159	107	332
1904	301	263	257	325	1836	2012	2255	2370	1991	275	136	171
1905	198	146	581	452	206	309	664	790	751	134	94	419
1906	323	267	334	212	1617	1614	2256	1622	1260	1754	73	396
1907	388	335	387	624	1656	1914	2706	3247	3578	1924	199	133
1908	149	137	837	563	234	246	501	364	336	137	90	273
1909	317	273	334	1554	1731	1189	1364	1321	1269	331	135	122
1910	189	487	1078	1145	181	846	1239	1142	306	102	226	475
1911	317	267	259	582	1624	1528	2303	1805	1700	1144	144	176
1912	174	231	294	264	322	391	247	513	408	136	97	359
1913	341	229	321	330	316	328	442	529	306	144	106	271
1914	365	259	312	296	1686	1131	1534	1545	1201	487	132	186
1915	312	277	346	304	265	241	692	701	871	200	104	198
1916	314	267	305	726	840	1083	1592	1201	1046	328	117	199
1917	324	244	294	334	686	754	1150	1076	1029	530	118	216
1918	310	254	315	336	304	343	637	520	284	76	79	419
1919	255	230	297	297	251	295	911	943	246	99	80	406
1920	333	282	308	323	319	352	386	590	271	101	77	396
1921	337	163	218	178	146	384	479	584	561	190	89	143
1922	341	253	310	284	310	400	260	1211	940	253	91	126
1923	354	273	312	317	287	223	607	896	773	245	78	304
1924	313	277	348	348	279	419	287	295	464	461	474	499
1925	337	210	231	230	250	255	502	530	247	102	80	242
1926	298	192	195	191	174	196	516	341	138	125	438	484
1927	205	143	143	159	296	413	770	916	782	218	95	134
1928	85	158	175	256	234	604	573	548	166	85	194	499
1929	352	205	244	214	216	127	282	444	196	342	452	400
1930	161	85	145	178	167	257	602	434	253	149	408	287
1931	99	98	36	44	49	105	193	254	141	58	5	35
1932	5	37	21	46	63	197	434	723	590	192	273	179
1933	29	43	19	21	9	48	176	291	416	113	25	58
1934	5	67	40	42	65	240	231	108	53	14	6	49
1935	5	40	27	40	40	57	597	788	525	162	48	16
1936	71	48	17	74	115	342	904	856	436	141	398	439
1937	250	88	60	120	133	172	520	679	366	117	467	469
1938	315	121	476	170	147	191	876	1468	1015	285	103	132
1939	123	192	309	313	315	272	382	239	135	298	439	383
1940	339	257	243	138	188	473	755	844	355	121	159	121
1941	255	255	240	245	204	274	635	1155	776	176	92	229
1942	266	249	480	924	1576	836	1190	973	1086	358	81	135
1943	263	209	686	1263	1674	1275	1358	981	706	219	84	137
1944	221	139	250	351	341	355	297	531	265	99	127	341
1945	344	250	182	285	183	241	482	635	353	114	79	222
1946	241	185	391	329	288	242	668	1154	514	108	125	328
1947	202	188	256	301	206	233	330	366	150	213	474	343
1948	303	284	318	165	191	284	347	499	505	132	77	249
1949	293	212	286	296	221	206	440	518	220	80	120	370
1950	294	149	174	165	169	275	630	733	529	168	78	127
1951	132	569	1862	1132	281	366	945	835	583	128	103	304

# Truckee River below Confluence of Donner Creek

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	231	172	402	790	1529	1458	2382	2513	1373	1313	143	167
1953	138	121	564	836	183	847	1177	945	1013	600	141	142
1954	195	135	90	97	266	237	473	546	207	92	298	420
1955	341	239	280	331	339	376	271	414	330	103	216	374
1956	265	206	657	549	947	955	1131	1230	1103	404	102	140
1957	170	166	250	313	179	585	827	810	818	130	127	388
1958	241	196	267	302	1649	1187	1026	1599	1175	491	109	147
1959	131	171	288	217	244	227	300	283	172	283	454	337
1960	313	278	283	287	172	317	408	334	230	85	76	353
1961	294	137	164	194	210	180	285	299	249	444	243	149
1962	29	42	16	15	81	161	610	498	386	167	377	184
1963	374	175	181	189	597	220	396	754	463	148	94	100
1964	159	244	138	191	242	162	326	476	332	112	91	161
1965	314	111	808	431	218	229	631	740	585	232	159	156
1966	142	475	834	334	95	235	414	419	151	107	185	398
1967	270	182	207	185	1363	976	762	1466	1670	1060	127	162
1968	92	147	241	403	314	309	346	781	207	90	210	447
1969	264	179	286	1066	1653	1500	2156	2496	1261	377	104	150
1970	217	144	442	2098	1169	894	807	934	772	138	85	423
1971	261	219	306	468	1000	888	997	1179	1222	494	92	224
1972	283	215	255	300	284	414	349	442	311	94	78	368
1973	220	173	177	390	220	283	633	1337	579	97	213	394
1974	247	291	703	1179	1216	930	1064	1220	1002	400	92	192
1975	276	260	320	326	279	758	723	1282	1334	301	93	225
1976	217	166	398	313	305	337	224	278	336	476	465	478
1977	310	236	306	298	283	225	356	379	363	452	278	126
1978	15	33	88	183	156	378	430	725	676	255	98	187
1979	144	105	70	116	154	195	318	662	288	110	438	475
1980	287	117	99	579	432	272	620	904	620	312	111	155
1981	67	107	98	129	192	313	329	299	142	389	458	483
1982	310	603	759	285	2222	1815	1633	1534	1126	547	125	151
1983	320	1173	1443	1312	1654	1884	1927	2760	4271	1694	508	172
1984	146	2516	2131	1607	1623	1078	1001	1145	895	196	103	347
1985	261	191	185	256	251	252	608	475	208	101	126	451
1986	308	225	264	225	2496	2298	2044	1619	887	174	102	308
1987	265	236	288	281	230	268	364	263	123	413	458	497
1988	341	150	184	181	178	127	320	291	393	284	146	75
1989	4	72	47	38	86	493	728	509	335	164	276	220
1990	124	121	50	71	80	211	461	264	194	105	38	74
1991	4	32	6	8	24	134	214	294	205	48	40	40
1992	17	59	18	17	77	105	266	127	30	19	8	32
1993	3	36	44	83	88	480	672	1016	649	215	50	58
1994	21	42	26	21	43	93	156	176	54	8	4	29
1995	5	52	35	217	247	737	679	1211	1229	666	157	157
1996	69	95	182	186	1063	1085	1235	1519	821	163	92	424
1997	323	198	1615	4384	1773	1294	1258	1030	698	137	84	451
1998	301	239	296	182	1640	1645	1108	1099	1418	893	115	191
1999	275	175	289	776	1650	1706	1518	1381	1140	211	115	157
2000	275	213	291	195	247	316	694	1284	283	99	150	446

## Truckee River below Confluence of Little Truckee River (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	448	381	376	401	798	998	858	2301	1484	645	621	566
1902	384	401	398	401	397	494	1346	1608	1542	630	611	557
1903	678	399	406	396	415	492	892	1312	1338	615	607	554
1904	686	514	404	405	2304	3419	3333	4138	2873	597	608	560
1905	593	403	649	609	409	747	902	1181	1251	611	503	495
1906	705	402	402	393	1730	1847	3686	3489	2150	2211	607	555
1907	684	405	403	631	1792	2882	4731	5142	4387	2729	597	544
1908	764	405	930	671	410	518	794	1168	1089	609	504	497
1909	400	402	402	2058	1921	1330	2125	3141	2249	669	604	553
1910	702	773	1335	1380	416	1695	2028	1443	1061	611	507	503
1911	400	406	404	659	1708	1717	4061	4047	3425	1883	601	554
1912	663	405	394	395	404	499	569	845	779	616	506	498
1913	477	406	399	401	405	497	917	1338	1041	674	505	497
1914	398	403	405	513	1793	1678	2427	3131	2136	747	605	555
1915	678	399	399	406	403	494	1117	1518	1665	608	603	552
1916	663	401	406	805	967	1663	3187	2482	1940	625	603	555
1917	672	405	404	402	739	803	1733	2140	1938	773	615	556
1918	665	397	402	400	405	511	890	1263	1083	609	503	490
1919	409	402	406	405	400	515	1243	1527	890	773	501	494
1920	395	396	401	451	480	508	871	1416	974	671	502	494
1921	400	358	373	391	381	493	568	874	951	519	499	498
1922	450	401	405	408	406	494	451	2138	1949	638	608	554
1923	498	397	403	405	401	523	826	1476	1318	594	594	542
1924	659	392	394	396	404	498	603	1024	879	674	671	585
1925	482	379	379	341	414	466	735	831	590	493	495	491
1926	404	330	359	358	382	504	722	1025	655	593	578	573
1927	404	295	303	310	377	686	1150	1718	1455	604	601	550
1928	392	388	396	388	419	1109	815	904	881	673	670	584
1929	403	428	349	382	379	437	860	996	644	590	579	574
1930	474	252	367	366	365	410	833	1001	773	592	492	495
1931	393	359	273	184	169	299	432	531	279	145	111	105
1932	71	105	112	196	188	321	452	1118	1012	507	481	496
1933	514	118	158	153	142	255	656	788	1069	583	280	122
1934	70	138	140	152	203	502	519	500	234	142	117	103
1935	70	122	85	139	155	162	1103	1250	841	610	481	368
1936	163	161	166	248	295	597	1352	1364	850	499	495	494
1937	489	296	307	312	298	287	658	980	619	608	497	495
1938	539	300	799	299	314	366	1856	4113	2072	605	592	542
1939	435	399	395	394	397	514	678	802	987	774	672	477
1940	391	439	418	358	407	934	1034	1437	779	609	490	483
1941	634	404	396	407	419	524	932	1463	1172	698	502	479
1942	619	401	690	1263	1768	1154	1832	1683	1897	612	597	516
1943	653	404	865	1646	2027	1974	2174	1588	1156	591	493	445
1944	704	389	383	402	399	505	551	1219	1019	772	547	468
1945	393	396	412	402	394	518	556	774	681	505	501	467
1946	494	413	537	831	403	520	870	1458	988	765	499	468
1947	638	408	394	466	417	508	775	1035	876	673	672	559
1948	397	438	385	361	403	466	587	820	730	600	500	457
1949	403	351	346	345	345	293	613	638	665	592	570	475
1950	563	370	355	301	327	459	882	1104	962	633	480	469
1951	427	1364	2458	1402	628	552	1111	971	752	507	496	482

1952	693	409	505	863	1585	1547	3779	6110	2293	1911	579	533
1953	702	394	732	1097	585	1332	1772	2528	1860	1134	550	508
1954	1018	401	398	401	400	527	619	855	972	779	663	579
1955	395	445	384	461	432	510	807	874	851	595	485	477
1956	376	401	1077	920	1103	1235	1316	1810	1577	648	581	529
1957	639	398	398	397	399	730	874	1141	1410	619	597	528
1958	673	402	411	398	1801	1371	1228	3522	2104	750	580	527
1959	672	404	400	404	398	513	854	1101	983	765	669	583
1960	502	483	432	433	428	604	662	957	661	585	569	564
1961	475	323	281	287	314	303	478	519	526	505	403	315
1962	85	98	90	69	201	301	665	673	865	590	477	447
1963	717	331	399	370	1079	391	479	1072	696	498	476	472
1964	389	393	397	397	346	446	843	1406	1283	773	559	469
1965	397	413	1210	729	427	495	822	1159	918	613	505	467
1966	581	618	994	483	396	524	599	1248	977	781	670	576
1967	377	425	413	400	1464	1121	875	2313	3014	1765	571	507
1968	700	408	398	483	531	679	554	1187	780	682	507	499
1969	395	399	402	1346	1787	1679	3104	4524	2255	642	595	540
1970	644	390	635	3174	1646	1353	855	1372	1269	610	495	486
1971	680	412	412	567	1218	1261	1357	2596	2158	820	598	552
1972	686	396	401	407	411	701	609	1522	1408	774	506	498
1973	389	399	409	476	409	516	757	1730	882	773	503	498
1974	655	550	856	1544	1370	1150	1287	2065	1773	639	601	540
1975	652	401	405	404	403	867	757	2519	2374	634	605	553
1976	650	398	424	403	534	548	886	1042	881	675	671	583
1977	476	452	431	433	431	419	691	790	652	594	440	241
1978	155	125	228	307	291	479	486	1147	1161	523	491	455
1979	400	294	351	302	302	327	470	878	601	595	496	501
1980	553	321	299	1074	765	533	807	1585	1398	636	599	545
1981	363	393	397	400	408	512	509	872	989	671	668	582
1982	386	895	1348	552	2908	2417	2546	3428	1949	896	589	508
1983	842	1449	1731	1536	1933	2820	2841	5316	6189	2541	819	541
1984	898	3371	2950	2121	1941	1742	1300	2098	1531	621	598	547
1985	659	403	397	397	401	520	755	1233	1089	767	507	496
1986	387	396	395	413	3111	3533	2716	2343	1554	505	579	537
1987	678	395	395	398	402	511	543	1092	983	675	672	587
1988	481	375	379	380	378	417	703	794	660	438	260	182
1989	150	264	220	199	334	873	901	1021	1022	621	487	498
1990	397	370	253	286	274	412	766	540	522	501	183	160
1991	74	94	68	77	104	311	513	521	528	469	127	103
1992	84	154	101	98	233	304	542	514	159	134	109	97
1993	64	101	151	244	250	703	892	1740	1032	628	511	399
1994	378	116	170	201	233	421	609	752	336	217	194	175
1995	147	205	200	414	455	1256	1133	2074	1723	1076	556	529
1996	413	336	359	401	1686	1773	1921	3001	1433	527	606	546
1997	664	403	1969	6629	2223	2190	1911	1731	1137	551	619	532
1998	670	402	400	410	1742	2062	1531	2592	2303	1302	536	507
1999	689	406	399	862	1846	2313	2004	2839	2064	535	575	529
2000	650	394	394	405	434	557	1105	1731	1084	633	520	494



# Stampede Reservoir Release

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	58	30	146	63	176	84	65	666	433	250	133	71
1902	92	72	101	65	148	160	513	131	274	213	146	45
1903	114	30	38	58	121	200	325	217	143	170	155	45
1904	84	150	66	32	320	541	555	976	525	172	159	75
1905	291	85	51	71	97	211	130	318	218	154	48	42
1906	151	30	30	89	99	208	707	761	401	196	100	40
1907	194	30	30	30	161	366	891	1057	347	232	169	115
1908	260	72	58	74	71	180	183	497	504	153	30	30
1909	46	30	30	436	36	30	226	979	382	105	133	133
1910	236	138	97	148	129	384	393	230	302	146	37	30
1911	93	44	93	154	152	204	801	1093	568	208	136	73
1912	297	62	34	49	43	68	127	344	149	82	30	32
1913	42	43	30	30	34	107	305	695	566	221	30	30
1914	38	30	30	197	141	166	61	602	469	122	139	52
1915	265	30	30	52	78	157	364	173	267	209	160	45
1916	71	30	37	68	102	323	767	776	420	105	133	45
1917	240	33	59	38	53	126	305	407	356	70	132	45
1918	240	30	30	30	44	86	360	250	590	121	30	30
1919	101	30	30	51	88	121	607	60	250	296	30	30
1920	38	30	30	30	122	77	561	772	529	200	30	30
1921	44	47	52	138	167	406	186	47	30	96	30	30
1922	38	30	30	35	32	48	353	534	607	250	131	52
1923	62	30	46	56	35	167	420	202	200	158	123	43
1924	88	30	30	30	30	45	129	614	358	188	183	66
1925	112	111	108	72	194	162	263	63	91	30	30	30
1926	41	30	30	104	127	282	337	328	195	107	99	57
1927	112	52	78	102	234	267	61	30	48	172	130	34
1928	38	51	58	59	116	523	65	65	285	192	185	56
1929	38	102	48	128	119	219	471	569	245	123	98	49
1930	112	79	161	124	170	195	312	273	250	120	30	30
1931	39	30	92	80	47	108	147	153	41	59	72	30
1932	30	30	30	30	13	141	437	45	30	78	30	30
1933	30	30	30	37	81	133	382	522	430	30	30	34
1934	30	30	33	40	42	173	152	57	32	49	56	31
1935	42	30	30	43	59	42	462	192	30	163	30	54
1936	30	44	110	103	110	272	321	51	30	50	30	30
1937	30	30	30	73	122	182	260	60	30	143	30	30
1938	30	30	98	79	70	85	223	1198	425	81	131	52
1939	265	40	30	30	33	122	250	291	532	315	204	30
1940	30	48	155	68	111	351	159	57	47	147	176	58
1941	36	30	31	58	102	224	289	57	86	250	30	47
1942	177	30	183	74	76	168	387	423	419	72	132	43
1943	258	176	111	141	133	341	502	306	162	151	45	39
1944	219	85	30	30	30	74	197	681	546	290	58	30
1945	30	33	123	58	143	157	378	159	45	30	30	30
1946	138	86	91	55	39	216	217	63	200	250	30	33
1947	174	48	30	108	119	178	481	581	412	182	184	99
1948	46	65	44	83	100	145	257	456	135	137	30	30
1949	88	30	30	30	30	58	255	380	243	100	89	30
1950	74	121	90	73	106	152	329	73	30	195	30	30
1951	110	162	159	30	30	30	63	65	30	55	46	34

# Stampede Reservoir Release

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	74	103	77	49	128	110	562	1250	381	181	124	74
1953	366	63	56	126	94	158	331	440	223	92	129	130
1954	334	53	45	46	30	134	321	252	434	292	184	74
1955	30	74	30	73	59	63	460	620	305	115	30	30
1956	34	30	475	30	30	30	56	30	40	81	95	52
1957	318	85	54	30	84	197	87	273	236	142	120	45
1958	162	102	74	30	119	109	376	1124	475	93	102	52
1959	333	95	48	72	45	134	343	748	538	283	189	130
1960	165	100	104	104	173	340	372	474	252	102	90	92
1961	181	47	30	30	30	51	92	153	127	30	30	34
1962	38	30	30	16	25	45	498	57	180	112	30	30
1963	30	30	104	30	30	30	68	44	30	54	30	30
1964	104	88	30	31	30	165	693	773	781	300	90	34
1965	61	107	524	30	56	102	65	37	30	193	66	57
1966	149	50	34	39	40	155	223	542	516	320	240	78
1967	30	60	86	76	111	371	71	53	671	346	102	52
1968	286	107	40	43	208	206	149	148	309	200	30	34
1969	66	30	40	140	95	129	640	1164	559	81	127	42
1970	246	97	137	542	204	280	85	272	210	160	44	35
1971	141	152	91	82	95	177	336	868	572	171	98	58
1972	253	51	64	52	52	289	142	904	932	282	30	30
1973	68	35	85	128	82	114	439	53	30	249	30	88
1974	54	117	121	212	30	30	68	361	414	91	127	45
1975	239	30	35	37	71	88	121	675	554	124	123	82
1976	256	67	48	46	30	99	475	643	399	185	187	67
1977	106	101	100	107	106	146	224	305	171	107	155	81
1978	35	30	58	86	68	273	30	30	30	77	30	34
1979	30	30	79	63	43	96	209	42	133	113	30	30
1980	30	79	54	30	30	41	30	121	365	114	114	40
1981	246	64	42	36	85	78	182	555	520	183	184	68
1982	30	444	30	30	30	201	552	873	440	128	95	77
1983	384	123	135	110	152	352	502	1460	1124	472	132	34
1984	426	416	376	228	144	329	213	548	319	190	139	44
1985	61	93	53	35	52	134	406	388	671	303	33	30
1986	30	30	30	81	305	470	475	425	286	59	119	51
1987	203	36	38	49	66	112	198	487	502	193	191	69
1988	102	107	125	132	122	190	251	359	179	104	97	80
1989	115	114	105	92	130	552	60	292	264	141	30	30
1990	49	30	96	128	122	232	331	150	80	30	30	39
1991	30	30	30	30	30	112	139	234	167	36	32	33
1992	30	30	30	30	44	94	179	84	75	87	75	37
1993	26	14	42	57	54	316	49	30	30	219	52	30
1994	30	30	30	87	129	187	332	434	198	177	160	114
1995	130	71	98	134	161	30	30	30	79	30	82	34
1996	156	38	100	100	370	337	388	785	236	87	138	45
1997	136	88	180	880	151	327	247	328	147	95	156	42
1998	102	38	38	97	103	294	233	805	488	189	51	45
1999	318	84	74	103	78	249	321	827	439	119	124	45
2000	156	34	32	86	134	187	281	250	250	161	41	30

# Little Truckee River below Confluence of Independence Creek (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	121	57	52	29	165	247	268	636	542	112	7	71
1902	60	31	54	26	64	55	273	528	427	56	39	47
1903	23	5	17	39	50	87	210	453	372	56	39	22
1904	33	110	14	9	230	411	394	675	578	144	30	48
1905	33	30	32	57	43	146	182	321	293	39	31	21
1906	42	7	9	47	50	135	422	794	761	289	19	8
1907	17	5	5	5	66	341	517	702	757	382	72	39
1908	40	16	30	41	33	96	181	231	266	57	12	12
1909	25	5	8	326	85	88	379	630	725	181	30	55
1910	63	117	99	60	57	250	319	363	190	16	16	15
1911	35	13	27	56	53	91	444	762	1092	346	37	50
1912	26	16	14	22	5	14	66	383	354	41	17	37
1913	20	18	10	8	7	36	158	398	204	39	22	35
1914	18	6	9	144	75	268	471	693	611	138	34	21
1915	23	5	7	13	21	65	264	564	473	96	25	21
1916	51	6	12	29	51	252	507	553	587	165	50	40
1917	28	12	25	8	12	40	281	593	583	125	45	35
1918	25	8	10	8	10	36	234	358	221	3	4	32
1919	44	18	19	16	25	54	359	569	153	13	3	30
1920	23	5	10	9	6	31	130	403	196	16	4	30
1921	26	31	24	50	50	189	210	419	414	64	9	29
1922	22	9	11	20	9	12	143	729	713	114	3	25
1923	17	5	10	14	15	84	224	520	321	88	17	12
1924	21	5	7	7	16	5	35	89	11	11	6	3
1925	13	10	9	9	99	103	185	395	209	20	5	34
1926	29	8	16	15	24	88	181	229	66	3	8	23
1927	20	29	37	47	108	185	294	602	653	123	7	32
1928	30	42	31	26	16	315	205	406	105	5	4	17
1929	18	7	15	9	5	39	65	288	148	17	6	24
1930	21	5	55	28	43	101	222	305	223	14	11	27
1931	22	9	8	8	5	42	46	129	45	25	35	6
1932	9	6	10	30	21	68	242	491	421	86	26	5
1933	9	6	9	9	6	9	95	214	342	22	8	25
1934	20	8	12	18	24	129	83	92	55	32	34	7
1935	31	36	9	13	11	14	244	478	407	70	5	3
1936	22	6	9	31	39	148	352	524	355	42	3	26
1937	18	5	7	32	37	72	216	452	236	17	3	26
1938	21	8	226	31	46	60	395	895	804	160	9	35
1939	33	14	10	9	5	59	124	204	60	20	6	6
1940	13	5	9	51	65	261	303	490	286	34	30	42
1941	27	18	30	35	74	129	151	483	325	71	11	62
1942	33	10	104	108	67	86	297	437	502	106	18	19
1943	26	57	73	117	89	206	343	415	264	62	24	22
1944	23	26	17	8	5	27	105	381	168	14	3	21
1945	19	15	46	26	86	61	197	436	257	16	6	33
1946	32	42	68	141	15	114	274	444	224	18	7	33
1947	29	30	22	21	46	82	185	256	56	5	4	19
1948	34	14	14	60	24	21	147	346	355	39	7	27
1949	19	14	13	13	14	19	220	387	100	6	5	22
1950	19	12	14	27	37	74	294	547	360	71	7	30
1951	41	460	378	103	132	104	284	372	128	14	8	32

# Little Truckee River below Confluence of Independence Creek (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	34	32	37	28	29	41	363	902	810	359	57	45
1953	17	22	32	85	55	83	281	382	547	194	20	26
1954	43	28	26	27	28	113	308	377	51	31	8	7
1955	13	19	18	16	15	27	73	349	223	12	7	31
1956	28	17	349	155	84	100	288	663	476	119	15	29
1957	39	32	29	24	48	94	191	460	323	29	18	19
1958	31	25	35	27	61	72	155	884	573	139	19	38
1959	30	14	22	55	43	79	200	179	79	13	6	24
1960	19	8	10	11	38	132	274	233	135	9	6	29
1961	21	10	12	11	24	39	97	185	112	7	6	27
1962	22	9	14	11	28	28	274	346	249	22	6	32
1963	181	73	107	137	467	94	131	507	315	48	10	40
1964	33	91	40	37	24	43	198	372	172	18	7	30
1965	21	17	438	138	103	102	291	491	424	120	53	36
1966	32	29	29	33	29	64	284	319	32	31	30	5
1967	7	35	59	53	48	140	75	579	954	386	27	43
1968	34	24	21	30	107	114	215	267	81	31	32	7
1969	11	38	25	89	62	52	300	941	669	131	30	16
1970	32	16	108	392	134	112	163	400	242	23	23	12
1971	26	47	52	56	58	78	184	551	664	224	31	20
1972	43	24	31	24	23	170	190	332	173	10	6	35
1973	28	29	95	80	41	62	253	602	261	9	5	26
1974	35	133	104	211	79	167	226	634	494	121	23	31
1975	30	26	33	30	27	42	50	576	724	134	23	31
1976	51	40	31	27	22	38	62	143	23	6	10	18
1977	25	10	6	13	14	17	22	30	24	7	7	22
1978	17	9	30	34	19	108	188	551	476	95	10	53
1979	22	14	13	45	18	51	119	381	152	16	7	29
1980	28	14	20	215	106	72	277	652	461	143	16	27
1981	41	56	30	29	43	42	73	177	45	31	6	7
1982	11	259	338	101	370	177	338	781	585	173	19	58
1983	116	67	76	55	61	162	178	720	1249	437	103	37
1984	63	276	221	145	84	199	238	589	408	65	30	24
1985	29	63	51	43	38	57	227	327	102	25	8	33
1986	28	24	34	70	352	512	374	509	381	52	28	20
1987	43	39	37	38	38	54	85	144	26	12	8	14
1988	17	14	26	22	19	36	76	83	33	6	5	27
1989	32	30	24	14	27	193	293	329	226	17	8	29
1990	40	21	18	29	16	67	151	157	84	9	6	27
1991	20	6	8	10	12	51	59	218	165	19	20	16
1992	22	13	12	12	22	39	137	89	70	66	100	20
1993	19	5	17	24	13	83	212	613	422	125	37	10
1994	11	11	18	16	13	35	115	125	62	74	24	5
1995	38	12	15	64	61	205	198	636	1023	456	53	18
1996	34	22	81	66	237	140	292	748	270	30	23	21
1997	25	68	185	550	91	174	347	468	160	18	22	17
1998	28	19	25	59	59	124	184	396	634	234	32	26
1999	21	54	44	57	82	70	163	688	506	64	34	23
2000	27	25	21	53	86	71	264	418	124	17	12	11

# Donner Lake Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	45	62	20	25	65	99	85	98	83	10	3	53
1902	33	56	21	26	30	38	76	53	60	3	2	54
1903	26	40	14	15	31	43	70	49	53	4	2	54
1904	27	75	21	12	76	131	122	120	102	15	2	56
1905	52	52	14	27	32	49	66	40	23	2	2	53
1906	22	43	10	22	39	57	130	175	161	34	2	52
1907	15	35	6	3	24	90	160	155	167	43	8	3
1908	80	49	13	21	25	39	65	33	7	2	2	52
1909	19	42	9	96	104	35	106	114	136	19	2	2
1910	91	78	42	40	37	73	114	42	15	2	3	21
1911	42	48	13	25	34	42	109	146	222	34	3	57
1912	29	49	13	12	14	17	12	38	29	2	2	53
1913	19	50	12	7	12	21	53	41	13	2	2	53
1914	15	43	9	41	60	71	144	122	105	14	2	54
1915	24	40	6	12	20	26	86	60	72	8	2	54
1916	25	43	11	13	26	66	137	82	87	15	2	54
1917	22	47	12	13	15	21	82	69	94	11	2	54
1918	23	44	13	8	14	20	69	39	10	3	3	47
1919	31	50	13	17	19	31	96	93	21	2	3	49
1920	16	40	11	11	14	20	41	44	16	2	3	49
1921	16	53	13	24	34	62	79	45	55	5	3	52
1922	17	45	10	12	15	18	37	145	128	10	3	51
1923	14	40	11	13	20	31	77	68	47	8	3	51
1924	18	40	6	6	19	2	2	2	3	3	3	30
1925	2	40	8	10	33	55	59	40	7	2	3	49
1926	21	44	12	15	16	16	66	24	2	3	2	36
1927	2	48	16	28	50	73	95	89	116	11	2	53
1928	24	57	15	21	19	68	87	42	2	3	3	44
1929	8	44	13	11	11	2	35	33	2	2	3	43
1930	8	41	20	27	27	45	74	35	3	2	2	50
1931	10	39	8	10	9	2	32	5	2	11	4	27
1932	3	32	6	15	25	47	82	65	98	6	3	52
1933	14	39	11	12	5	13	24	36	31	3	3	53
1934	3	47	11	12	20	50	24	2	2	3	3	42
1935	3	20	15	16	6	17	55	98	68	2	3	2
1936	69	38	3	14	28	47	111	102	50	3	3	3
1937	54	35	3	3	9	23	59	67	36	2	3	15
1938	38	47	65	62	23	46	82	126	173	23	3	50
1939	30	41	7	5	6	12	34	2	2	3	3	15
1940	9	37	8	14	23	59	117	83	35	2	6	6
1941	76	42	12	15	25	31	41	63	39	2	2	55
1942	35	39	26	39	33	29	54	47	108	4	3	51
1943	11	62	22	33	38	67	123	42	29	5	3	50
1944	13	44	4	12	10	15	25	46	28	2	2	21
1945	38	53	15	31	36	31	69	62	33	2	2	52
1946	22	55	29	57	31	15	83	64	27	3	3	41
1947	13	55	9	10	23	49	51	29	2	2	3	2
1948	50	37	3	25	18	17	57	49	66	2	2	52
1949	11	42	7	19	20	22	34	51	15	3	3	3
1950	51	41	3	19	30	52	98	80	57	5	3	51
1951	20	174	164	45	16	2	37	19	2	3	3	45

# Donner Lake Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	6	40	15	21	22	24	101	189	158	33	2	54
1953	20	43	15	30	34	41	76	44	70	17	2	2
1954	77	51	12	15	16	36	72	38	2	3	3	41
1955	6	48	14	10	11	20	27	36	13	2	3	33
1956	27	47	92	124	44	58	103	77	77	8	2	53
1957	29	58	14	21	33	50	51	49	52	8	2	52
1958	25	49	13	15	31	51	81	163	106	13	2	55
1959	22	42	8	11	13	2	20	15	2	2	3	43
1960	30	35	2	3	29	61	77	30	2	3	3	38
1961	3	33	2	2	20	24	25	30	5	2	3	45
1962	16	41	10	11	18	36	113	54	49	2	3	3
1963	146	46	28	41	122	94	35	93	47	2	3	2
1964	64	75	25	21	19	20	52	43	24	2	2	51
1965	13	40	173	150	13	44	104	57	61	7	4	18
1966	52	45	13	13	16	31	75	30	2	2	3	35
1967	3	50	36	44	28	57	36	120	211	41	2	54
1968	16	42	19	25	53	63	37	32	2	2	2	48
1969	19	53	22	56	55	34	101	204	113	13	2	53
1970	22	38	31	151	106	28	44	45	36	2	2	52
1971	23	57	28	43	35	44	86	103	103	10	2	2
1972	74	44	15	28	51	78	88	2	4	2	3	50
1973	36	50	21	40	38	32	48	95	29	2	3	48
1974	23	79	40	84	87	65	60	101	74	20	3	50
1975	14	41	15	24	35	44	27	46	133	9	2	14
1976	91	58	14	7	12	2	22	17	2	2	2	40
1977	3	33	6	7	10	2	2	2	2	3	0	27
1978	3	22	18	36	35	56	72	86	92	10	3	29
1979	28	37	2	15	23	30	53	65	24	2	3	37
1980	24	39	14	85	109	38	88	74	85	11	3	50
1981	14	37	14	4	23	20	46	25	2	3	3	34
1982	3	121	146	70	92	108	101	138	95	16	2	7
1983	117	64	29	37	39	73	64	118	281	57	9	55
1984	32	131	110	62	36	52	73	75	50	4	3	52
1985	14	60	15	11	19	22	90	34	2	2	3	20
1986	23	35	12	43	163	193	131	49	41	2	3	2
1987	68	36	4	9	17	2	35	7	2	3	3	37
1988	3	28	12	15	13	2	14	2	2	2	3	51
1989	3	29	17	15	21	104	162	39	10	2	3	50
1990	28	51	12	15	21	17	82	2	2	2	3	58
1991	2	30	2	2	8	28	38	36	5	2	25	30
1992	15	42	8	6	19	13	32	2	5	4	4	30
1993	2	33	13	22	27	71	123	131	89	8	3	52
1994	16	38	7	7	13	2	23	5	10	3	3	26
1995	3	37	12	46	72	108	121	152	185	53	2	55
1996	16	38	26	40	92	100	100	147	39	2	3	49
1997	11	63	94	238	96	41	112	39	6	2	3	50
1998	12	42	9	28	42	69	85	66	176	25	2	55
1999	18	58	17	36	47	54	73	145	93	5	2	52
2000	14	40	5	21	47	56	100	45	8	3	3	25

# Prosser Creek Reservoir Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	135	111	61	73	169	175	5	219	85	70	346	52
1902	49	61	99	36	101	49	5	71	84	57	36	44
1903	308	12	37	41	52	98	66	122	102	62	24	12
1904	325	74	68	20	83	238	99	541	290	115	107	22
1905	250	61	7	45	52	104	66	98	118	47	16	10
1906	343	40	15	83	100	110	150	364	5	5	5	5
1907	294	5	5	5	54	206	318	590	126	195	65	27
1908	319	20	28	30	38	78	27	343	76	249	8	8
1909	27	18	13	59	63	92	79	615	146	96	43	24
1910	356	113	109	68	91	119	5	50	429	21	15	20
1911	15	27	29	54	64	95	286	608	252	176	41	24
1912	321	20	20	23	19	31	104	48	66	185	23	17
1913	86	20	20	18	22	50	165	182	59	234	51	10
1914	7	22	18	5	10	168	130	527	249	109	36	8
1915	319	13	13	13	38	80	89	207	145	63	11	8
1916	335	37	21	62	107	181	72	297	81	26	52	39
1917	334	37	59	18	35	40	5	173	113	40	46	32
1918	324	20	23	16	31	42	49	341	41	212	7	10
1919	33	29	31	28	47	59	46	223	294	196	7	7
1920	10	12	21	18	24	34	47	218	30	219	5	7
1921	13	40	37	57	72	55	52	179	174	186	156	7
1922	64	24	29	36	32	46	180	441	189	55	194	5
1923	134	13	24	26	38	73	34	188	116	63	5	5
1924	298	5	5	7	26	29	71	81	17	10	5	5
1925	10	20	16	18	41	74	5	13	68	307	11	11
1926	30	13	15	15	36	49	5	204	205	8	8	5
1927	10	30	33	44	5	90	89	355	166	43	328	64
1928	13	29	26	29	33	157	5	66	347	65	5	5
1929	7	13	21	16	18	39	72	99	70	74	7	5
1930	10	13	55	34	58	38	10	160	63	278	13	5
1931	10	20	15	44	58	49	70	87	21	7	6	4
1932	9	15	23	39	45	68	5	155	156	162	13	7
1933	210	17	18	16	16	57	108	155	168	173	10	7
1934	8	13	18	23	32	103	89	51	17	14	6	4
1935	6	16	13	23	27	27	198	206	47	112	11	5
1936	57	15	16	34	56	127	165	205	125	232	69	5
1937	64	10	13	42	61	88	51	135	123	240	7	5
1938	114	18	239	38	35	61	360	662	103	50	255	8
1939	92	24	18	13	14	49	53	133	113	10	5	5
1940	7	10	21	70	90	94	140	207	134	69	26	10
1941	256	59	37	62	127	108	143	12	102	86	16	42
1942	290	34	64	87	84	69	104	150	167	62	7	5
1943	298	42	64	79	90	173	140	89	98	49	13	10
1944	315	15	15	15	14	31	101	193	80	162	7	7
1945	8	34	20	15	5	72	5	12	112	243	10	8
1946	128	40	31	48	36	101	105	130	108	79	10	8
1947	274	39	33	20	50	76	106	123	126	11	5	5
1948	18	18	11	10	10	20	103	97	5	193	8	5
1949	7	17	10	11	14	31	5	13	124	114	5	5
1950	171	12	15	15	41	111	69	208	154	193	160	5
1951	39	266	213	86	140	111	5	5	58	33	11	10

# Prosser Creek Reservoir Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	323	39	41	32	48	54	404	666	102	122	44	20
1953	325	18	20	92	48	77	52	307	35	67	24	6
1954	333	144	23	24	36	114	75	142	136	23	8	8
1955	10	17	20	15	18	39	94	186	122	165	7	7
1956	8	15	190	154	73	95	106	348	196	70	26	15
1957	334	27	28	24	61	104	5	64	137	42	10	8
1958	323	24	31	26	75	59	73	564	170	54	28	13
1959	322	17	16	57	43	75	133	106	69	13	5	8
1960	8	8	10	13	71	109	171	77	63	257	5	5
1961	7	13	13	13	45	39	102	123	90	9	3	4
1962	9	12	15	18	58	39	26	65	114	244	8	7
1963	232	43	69	53	406	77	40	210	129	209	201	17
1964	8	81	39	33	31	52	159	206	59	239	10	5
1965	5	20	267	108	86	126	126	202	154	81	142	30
1966	211	39	29	32	31	99	150	235	201	16	8	8
1967	10	49	62	57	5	93	95	557	196	137	33	22
1968	340	24	28	37	123	128	101	164	145	16	10	7
1969	11	42	31	98	64	53	356	464	137	56	20	15
1970	314	27	90	335	111	118	5	40	136	42	10	5
1971	315	62	50	58	63	97	72	400	147	75	23	13
1972	317	32	31	31	38	189	82	217	64	282	10	13
1973	20	39	75	5	50	65	19	185	122	58	10	5
1974	279	135	71	196	72	171	51	248	167	73	24	5
1975	328	20	24	26	36	55	5	406	134	99	23	5
1976	306	94	5	24	31	59	81	112	34	5	15	7
1977	18	15	19	15	23	28	50	54	50	13	5	5
1978	70	29	45	48	23	46	34	238	171	64	314	62
1979	7	15	15	36	31	41	115	5	39	223	8	8
1980	141	18	37	218	124	87	96	237	141	77	286	175
1981	8	18	29	29	58	55	118	117	50	10	5	5
1982	10	132	263	87	275	157	172	451	182	85	44	40
1983	394	66	66	58	75	201	218	567	279	177	74	23
1984	351	214	183	115	81	153	26	215	142	80	21	13
1985	307	48	34	30	36	56	70	314	117	111	9	13
1986	14	23	30	72	278	365	112	182	164	65	17	11
1987	324	17	20	20	38	53	75	137	83	11	8	8
1988	5	11	25	24	30	52	62	67	51	10	5	6
1989	7	32	26	23	41	258	58	126	270	256	12	14
1990	28	25	22	34	29	58	97	27	190	51	5	8
1991	8	11	10	12	16	55	96	130	106	30	9	7
1992	12	17	16	18	42	65	121	77	18	8	5	5
1993	10	13	21	32	33	43	129	330	190	90	30	5
1994	278	13	20	19	22	61	85	87	36	8	5	5
1995	8	16	19	57	87	289	259	470	106	162	200	152
1996	54	15	69	52	216	157	127	319	128	59	9	5
1997	301	56	147	537	92	200	104	107	121	41	5	5
1998	308	25	25	56	46	160	57	479	83	91	27	27
1999	328	40	51	59	80	150	82	395	198	86	31	15
2000	301	20	20	44	64	107	72	65	417	22	5	5



# Independence Lake Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	42	13	15	10	7	49	46	78	76	28	2	36
1902	24	11	15	10	9	15	46	58	57	16	20	18
1903	20	2	8	12	7	22	40	56	53	17	24	15
1904	21	21	7	6	30	69	67	82	83	37	11	36
1905	23	17	11	14	6	31	31	44	40	12	21	15
1906	17	4	6	16	8	36	91	104	125	72	19	8
1907	14	2	2	2	2	65	98	92	121	82	24	24
1908	35	7	9	12	4	22	32	34	37	33	2	8
1909	16	2	5	46	12	21	67	78	104	43	12	41
1910	24	23	20	16	9	50	60	46	25	8	9	2
1911	26	7	9	14	7	21	73	89	152	68	13	39
1912	20	7	7	7	2	3	5	41	48	17	2	26
1913	16	8	6	5	2	9	29	46	28	11	4	29
1914	15	3	5	24	10	49	82	83	85	34	17	20
1915	18	2	5	6	2	16	49	59	65	24	22	17
1916	19	3	6	8	7	44	84	64	73	36	23	16
1917	16	6	8	5	2	11	50	64	82	31	23	15
1918	18	4	6	5	2	9	41	42	29	2	2	25
1919	24	9	9	7	3	15	64	69	16	3	2	27
1920	17	2	6	6	2	8	21	50	24	4	2	26
1921	18	10	9	14	8	42	38	52	62	19	2	27
1922	16	6	6	7	2	4	20	92	99	27	2	25
1923	13	2	6	7	2	21	41	64	45	24	16	11
1924	17	2	5	4	2	2	3	7	2	11	2	2
1925	7	6	5	6	14	24	32	44	25	5	2	29
1926	22	4	9	7	2	20	29	26	2	2	2	20
1927	15	7	13	14	17	39	55	74	98	32	4	31
1928	22	11	11	11	2	58	36	47	5	2	2	16
1929	14	4	7	6	2	8	8	34	11	3	2	23
1930	15	2	15	12	6	25	41	38	30	2	2	25
1931	16	4	5	5	2	10	9	15	2	23	30	2
1932	2	2	6	10	2	2	34	64	65	43	20	2
1933	2	2	5	5	2	2	9	29	47	4	2	23
1934	15	5	6	8	4	30	15	5	4	21	28	3
1935	26	31	6	7	2	2	25	16	59	35	2	2
1936	16	2	6	11	7	33	65	66	51	13	2	25
1937	13	2	5	10	5	19	37	57	34	5	2	24
1938	15	4	24	9	13	15	64	103	110	37	5	33
1939	21	7	6	5	2	13	19	12	2	14	2	2
1940	8	2	7	13	6	50	55	65	37	6	12	32
1941	18	6	9	12	10	30	26	68	47	17	2	29
1942	24	6	20	19	10	23	57	56	77	26	17	11
1943	20	13	16	22	12	44	63	53	37	16	17	11
1944	16	3	6	5	2	7	17	55	25	12	2	16
1945	14	5	10	11	14	16	40	62	38	7	2	25
1946	18	11	15	17	2	29	58	64	32	7	2	25
1947	15	7	7	6	8	23	29	38	18	2	2	16
1948	19	2	5	12	2	3	20	48	53	9	2	22
1949	13	3	5	5	2	6	33	45	13	2	2	19
1950	14	3	5	11	9	28	57	71	60	17	2	25
1951	22	63	45	22	33	25	36	51	23	6	2	25

# Independence Lake Release (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	21	9	9	7	2	13	92	109	123	65	13	34
1953	7	11	12	16	6	27	41	49	73	42	3	15
1954	31	8	8	7	10	23	38	52	9	26	2	2
1955	7	7	7	6	2	8	12	43	36	4	2	25
1956	21	6	44	22	18	34	56	74	2	32	6	23
1957	22	11	10	7	10	26	23	56	51	17	12	13
1958	17	5	10	4	5	13	16	117	96	36	7	31
1959	21	2	12	13	9	21	23	25	13	9	2	17
1960	13	2	3	3	6	32	35	40	25	2	2	26
1961	16	3	4	4	6	16	21	28	23	2	2	23
1962	15	2	7	5	4	14	61	45	42	9	2	28
1963	39	20	9	16	69	22	32	67	52	16	3	32
1964	21	15	12	10	2	14	29	47	33	7	2	25
1965	14	6	52	26	23	31	57	64	67	30	12	19
1966	26	6	11	12	10	25	38	41	4	26	26	2
1967	3	9	15	14	2	37	16	95	148	74	10	34
1968	21	10	7	9	17	27	27	37	16	27	26	2
1969	2	6	6	15	2	8	79	124	96	30	18	10
1970	19	2	7	64	28	20	31	50	46	7	16	7
1971	20	8	9	10	6	22	37	64	105	45	18	14
1972	29	3	5	5	2	32	42	45	37	2	2	27
1973	14	2	6	21	5	24	53	77	31	4	2	19
1974	26	47	47	28	15	28	25	73	78	34	19	14
1975	13	4	7	7	2	10	4	71	101	34	19	25
1976	29	11	11	11	2	2	2	21	8	2	2	12
1977	14	2	2	6	2	5	2	2	2	2	2	16
1978	13	4	8	11	2	34	34	46	78	32	2	29
1979	17	2	2	19	3	20	22	48	26	4	2	23
1980	20	4	9	27	18	19	40	81	66	36	2	7
1981	35	45	12	12	2	2	2	26	12	26	2	2
1982	4	58	47	19	43	25	37	101	93	41	5	40
1983	39	6	26	13	13	13	21	86	167	84	21	18
1984	40	43	28	10	10	51	34	82	60	19	19	13
1985	19	8	12	13	4	16	24	52	13	3	2	25
1986	17	2	3	11	48	80	63	54	51	15	19	10
1987	29	15	15	14	3	13	6	3	2	5	2	7
1988	13	4	8	7	2	14	4	9	2	2	2	22
1989	26	10	14	3	2	24	55	55	47	5	2	23
1990	24	9	7	12	2	17	30	19	7	2	2	20
1991	14	2	3	5	2	14	4	30	26	8	11	10
1992	14	6	5	6	4	12	23	10	47	61	94	14
1993	13	2	10	10	2	2	2	2	31	53	27	2
1994	2	3	8	6	2	4	16	20	43	68	21	2
1995	34	6	8	23	2	2	2	14	133	87	16	11
1996	25	12	25	20	38	33	36	114	57	15	16	14
1997	16	21	45	96	15	28	51	82	36	9	16	10
1998	18	6	8	19	13	23	21	50	110	55	23	16
1999	10	22	12	16	11	15	19	92	84	22	20	13
2000	17	7	6	15	12	16	40	64	27	9	7	2

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	433	382	384	420	843	1015	799	2190	1381	561	559	510
1902	369	413	407	405	415	531	1305	1543	1478	558	551	500
1903	660	410	407	430	420	519	841	1211	1276	556	550	500
1904	669	538	406	404	2372	3507	3269	4081	2832	548	548	498
1905	575	414	665	627	414	760	881	1213	1155	557	450	444
1906	689	412	407	461	1759	1841	3646	3422	2056	2144	548	499
1907	670	417	429	668	1786	2993	4721	5109	4216	2659	538	489
1908	749	415	965	692	415	518	761	1190	1007	551	448	444
1909	386	411	406	2114	1968	1373	2068	3111	2133	583	547	499
1910	690	799	1383	1416	456	1700	1990	1437	1014	549	448	444
1911	386	411	414	759	1750	1765	4030	3841	3348	1817	544	494
1912	643	415	411	407	406	520	596	792	718	558	450	444
1913	465	411	405	425	413	505	887	1284	949	616	448	444
1914	386	412	434	678	1856	1697	2405	2942	1973	686	542	497
1915	661	411	411	414	465	524	1053	1472	1600	549	548	498
1916	645	408	411	930	1028	1683	3158	2417	1849	563	544	497
1917	658	414	422	407	773	834	1705	2093	1867	713	548	498
1918	654	408	406	405	427	553	813	1189	1016	553	449	449
1919	386	411	406	406	474	540	1140	1382	817	717	448	444
1920	386	411	436	461	482	516	831	1333	912	617	449	444
1921	386	367	398	431	417	507	602	869	821	441	441	444
1922	440	408	429	415	512	558	517	2119	1794	548	546	498
1923	486	413	460	456	426	511	759	1370	1253	539	540	492
1924	655	410	406	406	405	510	607	995	821	617	616	533
1925	475	397	390	345	429	474	689	775	538	443	441	444
1926	398	349	367	370	400	511	666	983	591	537	526	523
1927	394	339	313	308	390	681	1062	1599	1366	553	550	500
1928	386	416	409	391	420	1107	778	844	821	617	616	533
1929	393	443	357	387	390	445	835	932	590	537	526	523
1930	465	262	380	380	376	403	762	947	723	537	441	444
1931	386	378	280	191	172	290	450	487	220	137	116	105
1932	79	117	156	242	226	311	514	1010	901	441	441	444
1933	508	137	171	190	166	260	681	768	966	537	239	126
1934	75	145	168	168	217	496	500	487	196	142	125	105
1935	78	133	93	158	159	172	1052	1142	741	567	441	314
1936	159	174	176	258	391	594	1243	1231	776	441	441	444
1937	481	308	325	325	358	324	664	926	517	544	441	444
1938	530	312	826	318	428	503	1764	3943	1969	542	542	497
1939	415	411	406	414	416	515	635	793	921	717	616	446
1940	386	453	427	428	493	991	1037	1328	720	548	446	444
1941	627	412	439	426	433	521	882	1329	1089	630	447	444
1942	598	412	736	1348	1794	1184	1770	1617	1747	548	545	498
1943	639	434	891	1760	2057	1969	2113	1492	1084	539	442	444
1944	690	415	411	416	432	534	550	1191	950	717	490	444
1945	386	428	416	406	464	536	570	749	601	450	447	444
1946	501	421	594	949	416	526	882	1395	919	717	448	444
1947	637	442	418	468	408	513	776	995	821	617	616	533
1948	386	447	393	382	436	470	589	773	625	537	441	444
1949	386	360	366	358	365	314	560	610	591	537	526	444
1950	548	373	369	348	361	455	815	1061	861	567	441	445
1951	410	1487	2441	1433	650	560	1059	914	666	445	446	444

# Truckee River above Coldron ditch and Verdi Powerhouse (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	693	419	574	961	1639	1612	3714	6177	2158	1844	535	495
1953	681	422	797	1128	648	1365	1692	2619	1855	1124	546	498
1954	997	415	408	414	429	536	623	787	921	717	616	543
1955	386	471	421	483	447	507	831	886	757	537	441	444
1956	386	421	1123	1027	1142	1222	1342	1758	1420	569	535	497
1957	615	421	410	417	425	748	897	1172	1322	553	549	498
1958	661	416	420	419	1816	1419	1322	3490	1957	673	542	497
1959	648	422	408	409	448	520	869	1062	921	717	616	543
1960	485	504	447	450	465	606	695	924	591	537	526	523
1961	465	357	310	309	311	309	500	488	444	448	356	314
1962	86	112	104	80	267	342	735	635	784	537	441	444
1963	758	348	387	381	1180	403	531	1105	646	441	441	444
1964	390	408	410	413	359	455	894	1405	1188	717	506	444
1965	388	438	1306	792	431	516	863	1072	810	538	454	448
1966	584	670	1048	513	412	507	641	1195	921	717	616	543
1967	386	447	435	465	1479	1172	937	2295	2817	1641	530	488
1968	703	408	417	502	515	675	587	1135	718	629	450	444
1969	390	412	419	1470	1882	1707	3141	4347	2092	573	546	497
1970	660	414	658	3131	1672	1358	898	1288	1169	550	447	444
1971	696	430	441	578	1218	1258	1422	2610	2002	722	545	497
1972	686	419	442	419	413	675	641	1465	1309	717	449	444
1973	393	415	419	496	437	523	756	1667	789	717	449	448
1974	654	569	874	1510	1361	1202	1225	1949	1627	551	548	499
1975	640	418	410	406	432	904	792	2400	2206	551	545	491
1976	641	413	424	405	540	569	901	995	821	618	616	531
1977	475	470	438	436	436	418	681	765	591	537	388	217
1978	158	131	243	329	326	501	541	1113	1028	441	441	444
1979	408	313	364	313	322	330	500	778	523	537	441	444
1980	549	355	315	1054	783	530	840	1444	1287	552	547	498
1981	362	408	409	417	408	509	500	858	921	617	616	533
1982	386	865	1273	581	2817	2390	2579	3287	1818	814	536	454
1983	829	1465	1733	1582	2005	2811	2917	5165	5910	2426	741	487
1984	894	3367	2935	2124	1962	1744	1318	2023	1404	549	547	497
1985	664	432	412	406	410	523	788	1193	1018	717	450	444
1986	391	414	421	414	3126	3564	2827	2317	1454	454	525	485
1987	680	409	409	409	410	509	500	1066	921	617	616	533
1988	476	392	389	393	388	418	681	765	591	381	234	182
1989	160	272	230	210	343	913	906	955	934	568	447	444
1990	386	380	270	293	279	393	762	499	446	446	151	157
1991	82	108	81	90	113	306	503	487	442	402	125	104
1992	91	167	116	112	236	300	500	487	151	132	114	104
1993	71	115	156	250	256	667	929	1579	928	554	458	356
1994	377	133	184	215	240	419	623	722	314	219	200	180
1995	155	218	211	428	443	1269	1175	2006	1567	942	505	481
1996	413	356	362	405	1728	1818	1928	2840	1359	477	546	489
1997	665	409	1978	6651	2311	2194	1872	1648	1071	501	575	491
1998	672	413	414	416	1750	2056	1523	2584	2144	1212	483	458
1999	698	412	424	882	1896	2306	2067	2814	1928	479	525	481
2000	658	407	408	413	440	540	1124	1654	1015	582	472	446

# Truckee River above Confluence of Hunter Creek (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	434	395	391	446	910	1042	803	2192	1378	556	554	506
1902	370	430	417	412	436	573	1309	1535	1473	553	546	497
1903	661	423	415	471	447	545	847	1203	1271	551	545	497
1904	669	556	413	410	2458	3596	3288	4073	2827	543	543	495
1905	577	434	682	635	432	787	888	1206	1152	552	445	440
1906	690	427	416	542	1791	1868	3651	3422	2052	2139	543	496
1907	671	434	461	716	1800	3154	4763	5104	4213	2654	534	487
1908	751	434	1004	714	435	543	758	1183	1003	546	443	440
1909	386	426	414	2198	2035	1419	2070	3103	2128	578	542	495
1910	690	828	1443	1460	501	1711	1985	1429	1009	544	443	440
1911	386	426	432	895	1803	1823	4044	3834	3343	1812	539	492
1912	644	434	426	417	413	547	600	784	713	553	445	441
1913	466	427	412	459	429	512	882	1276	944	612	443	440
1914	386	429	480	898	1955	1720	2412	2934	1968	682	537	494
1915	661	426	426	432	551	557	1050	1465	1596	544	543	494
1916	645	420	426	1103	1108	1710	3161	2409	1844	558	539	494
1917	659	433	451	417	829	869	1710	2086	1863	708	543	495
1918	655	419	414	412	463	623	821	1181	1011	548	444	454
1919	387	427	414	413	572	593	1146	1374	812	712	443	440
1920	386	426	485	477	491	537	840	1325	920	613	444	440
1921	387	389	429	473	439	515	597	879	818	436	436	440
1922	441	419	467	434	660	635	528	2112	1791	543	541	495
1923	487	431	540	530	462	526	768	1363	1262	535	536	489
1924	656	424	414	413	411	524	602	987	816	612	611	529
1925	475	415	401	351	469	491	685	767	533	438	436	441
1926	399	365	374	384	430	522	662	975	586	532	521	519
1927	394	390	330	319	447	720	1071	1592	1361	548	545	497
1928	387	436	421	398	425	1166	800	837	816	612	611	529
1929	394	455	367	394	404	465	840	924	587	532	521	519
1930	465	272	408	412	404	421	762	939	718	532	436	441
1931	386	398	287	202	180	296	453	479	146	77	56	53
1932	41	101	183	254	237	295	464	937	824	363	361	367
1933	455	123	158	200	156	245	631	695	890	460	167	74
1934	36	132	187	155	201	472	449	414	127	84	70	53
1935	38	117	80	148	138	158	1034	1070	665	489	361	237
1936	107	165	166	253	488	607	1200	1158	700	364	361	367
1937	428	295	327	331	407	325	621	853	440	467	361	367
1938	477	304	844	313	556	660	1760	3879	1906	466	462	420
1939	362	402	395	405	407	505	586	720	845	640	535	369
1940	333	441	414	490	590	1038	1006	1255	643	471	366	367
1941	574	405	470	432	441	509	839	1256	1013	553	367	367
1942	545	404	781	1375	1805	1217	1736	1546	1672	471	465	421
1943	586	455	902	1852	2073	1997	2079	1420	1008	464	362	368
1944	637	411	407	409	447	548	512	1118	874	641	410	367
1945	333	442	418	386	489	554	531	677	526	373	367	367
1946	463	424	646	943	408	529	838	1322	843	640	368	367
1947	584	474	423	449	389	500	726	922	745	540	535	456
1948	333	436	379	361	415	448	555	710	550	460	361	367
1949	333	349	368	344	353	303	510	540	515	460	445	367
1950	495	362	359	383	366	461	776	989	787	490	361	368
1951	364	1559	2471	1453	668	553	1020	842	591	368	366	367

# Truckee River above Confluence of Hunter Creek (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	645	421	646	1065	1675	1686	3725	6105	2083	1768	456	419
1953	628	428	825	1129	641	1344	1653	2563	1796	1049	466	421
1954	944	410	398	404	439	553	574	714	846	640	536	466
1955	333	468	429	478	437	485	781	813	681	460	361	367
1956	333	407	1284	1169	1187	1208	1291	1703	1346	494	456	421
1957	562	424	404	411	428	740	847	1116	1247	476	469	422
1958	608	413	426	415	1827	1447	1348	3420	1891	597	462	421
1959	595	427	399	393	483	515	829	990	844	640	535	466
1960	432	498	434	434	480	607	657	851	515	460	445	446
1961	412	362	299	287	290	289	449	418	369	371	277	252
1962	42	96	91	59	333	367	696	563	708	460	361	367
1963	714	346	376	390	1198	414	523	1064	592	364	361	367
1964	343	430	404	402	340	438	844	1348	1113	640	426	367
1965	335	433	1424	879	444	507	822	999	744	463	391	378
1966	538	714	1075	508	398	485	591	1122	845	640	535	466
1967	333	453	461	524	1480	1204	945	2234	2742	1565	452	413
1968	651	396	419	498	514	670	545	1078	642	552	370	369
1969	344	405	424	1611	1995	1711	3108	4274	2027	498	466	420
1970	618	409	684	3178	1692	1350	875	1215	1092	473	367	367
1971	653	446	476	586	1202	1257	1384	2556	1934	645	465	420
1972	640	422	478	416	401	653	591	1392	1232	640	369	367
1973	350	411	425	513	457	522	713	1594	713	640	369	372
1974	602	587	892	1505	1347	1206	1184	1876	1551	474	468	422
1975	587	418	403	385	446	940	786	2328	2130	474	465	416
1976	590	405	411	383	526	557	851	922	745	540	536	456
1977	422	465	427	414	418	393	630	692	516	460	308	161
1978	116	107	257	340	332	491	497	1040	952	364	361	367
1979	355	307	356	301	321	315	450	705	447	460	361	367
1980	496	347	315	1077	844	540	802	1371	1213	475	467	422
1981	310	395	401	410	390	490	449	785	845	540	535	456
1982	333	879	1288	613	2817	2408	2570	3231	1760	752	457	392
1983	796	1482	1749	1625	2059	2861	2960	5113	5855	2368	671	411
1984	842	3434	2972	2136	1991	1751	1282	1951	1330	472	467	421
1985	611	451	408	386	393	523	753	1120	942	640	369	369
1986	345	410	429	405	3304	3638	2882	2265	1397	395	447	410
1987	639	397	400	393	395	491	449	993	846	540	535	456
1988	423	377	378	380	368	393	630	692	515	305	175	132
1989	127	257	218	188	323	912	868	895	859	492	376	368
1990	334	365	258	274	259	373	710	426	370	369	93	109
1991	45	92	68	68	91	283	458	414	366	325	69	55
1992	53	151	103	91	213	268	449	414	84	73	56	54
1993	39	98	140	231	235	685	889	1506	854	478	378	279
1994	325	117	173	196	219	396	572	658	247	159	142	131
1995	118	200	198	433	422	1366	1149	1985	1572	895	433	411
1996	360	341	359	393	1807	1874	1913	2790	1302	415	466	414
1997	619	397	2023	6920	2416	2254	1871	1609	1022	437	501	425
1998	626	405	413	408	1751	2097	1506	2532	2111	1162	416	400
1999	659	404	436	887	1930	2337	2062	2769	1874	418	454	412
2000	611	392	397	402	431	522	1087	1594	947	506	392	369

# Truckee River at Reno, NV Gaging Station (Hwy 395) (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	349	370	368	424	919	1018	745	2071	1227	395	380	350
1902	287	409	395	375	408	560	1250	1402	1314	387	371	341
1903	577	400	393	460	425	519	790	1071	1116	387	371	341
1904	586	537	390	373	2483	3620	3245	3943	2672	386	371	341
1905	499	415	666	601	403	762	831	1077	998	387	271	286
1906	606	406	394	564	1773	1845	3594	3300	1900	1980	371	341
1907	588	413	457	713	1768	3236	4738	4978	4062	2496	368	338
1908	673	416	1006	691	410	517	695	1052	851	386	271	287
1909	304	404	391	2223	2046	1411	2012	2971	1972	421	370	341
1910	608	818	1464	1455	495	1675	1919	1297	854	386	271	287
1911	304	405	418	960	1804	1825	3999	3706	3188	1655	370	340
1912	564	416	410	383	377	522	542	652	554	387	271	289
1913	383	405	389	444	399	472	813	1141	784	453	271	285
1914	303	408	486	1029	1994	1697	2361	2802	1813	524	370	341
1915	580	404	410	406	577	539	988	1335	1445	386	371	341
1916	563	395	409	1198	1132	1689	3106	2277	1689	400	370	341
1917	579	415	445	384	830	852	1655	1956	1710	549	371	341
1918	572	394	392	376	448	633	767	1050	856	387	271	315
1919	306	405	392	377	607	590	1092	1242	657	554	271	286
1920	304	404	494	448	456	508	786	1193	778	453	271	286
1921	305	373	425	465	415	477	529	764	668	274	263	286
1922	358	394	468	408	733	651	478	1985	1640	386	370	341
1923	405	412	574	547	448	492	716	1235	1120	382	367	339
1924	574	401	392	377	374	488	532	849	652	443	435	374
1925	392	394	381	313	456	457	619	633	374	273	262	288
1926	316	342	350	353	411	485	596	839	425	364	345	363
1927	310	398	314	286	449	704	1016	1463	1208	387	371	341
1928	306	419	401	362	387	1166	756	706	661	450	437	374
1929	310	430	346	357	371	434	780	789	433	366	346	364
1930	381	246	401	395	382	389	700	807	563	368	262	287
1931	303	380	264	169	143	254	391	344	75	44	32	30
1932	29	100	215	277	259	297	452	879	752	283	272	295
1933	434	125	158	223	162	247	617	636	813	376	92	57
1934	27	134	212	159	202	466	431	354	68	49	44	32
1935	25	118	81	153	135	160	1047	1018	593	408	272	164
1936	87	170	168	262	577	633	1194	1102	628	288	275	297
1937	407	297	339	349	460	342	615	796	368	390	275	298
1938	456	310	869	323	671	798	1789	3833	1847	395	382	353
1939	343	408	397	413	416	512	574	663	770	558	449	302
1940	312	444	414	552	679	1091	1013	1200	571	397	282	299
1941	554	413	507	452	462	515	834	1199	942	476	282	298
1942	526	410	827	1412	1829	1258	1741	1494	1604	397	382	353
1943	566	486	922	1940	2103	2036	2085	1363	936	394	281	303
1944	620	422	414	418	473	575	512	1062	806	564	324	298
1945	312	466	430	384	523	583	528	623	459	297	282	298
1946	461	441	698	953	417	546	832	1265	771	564	282	298
1947	564	514	438	448	389	505	713	865	670	459	448	386
1948	312	439	378	357	411	445	554	663	478	378	273	297
1949	311	352	379	347	358	307	496	489	443	379	358	296
1950	473	365	361	424	385	481	773	933	719	414	275	298
1951	353	1631	2507	1484	697	563	1019	788	523	296	282	298

# Truckee River at Reno, NV Gaging Station (Hwy 395)

(cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	632	435	713	1162	1719	1761	3765	6053	2015	1695	379	353
1953	611	446	858	1146	650	1343	1651	2523	1741	980	382	353
1954	923	420	402	410	461	581	564	660	778	562	449	397
1955	312	478	446	487	443	483	767	755	606	378	274	298
1956	311	409	1419	1294	1239	1214	1283	1663	1278	425	378	353
1957	546	441	410	421	446	750	835	1076	1180	398	383	353
1958	588	423	441	426	1851	1485	1398	3368	1831	526	381	353
1959	575	444	402	395	525	527	826	936	773	563	450	398
1960	411	506	435	435	504	623	656	795	441	381	359	376
1961	390	377	300	283	285	288	432	365	298	288	193	196
1962	26	95	90	56	396	400	696	507	636	380	274	296
1963	702	357	378	417	1233	437	544	1034	541	291	277	300
1964	330	460	411	409	340	440	833	1306	1045	561	339	297
1965	313	442	1524	961	470	517	823	942	683	394	327	320
1966	526	761	1107	519	403	485	579	1065	768	558	447	396
1967	311	471	491	583	1495	1246	975	2190	2673	1496	374	349
1968	635	401	434	510	529	681	539	1037	570	471	283	301
1969	330	412	439	1733	2095	1731	3115	4219	1967	429	383	353
1970	609	419	716	3233	1724	1361	884	1160	1021	398	282	299
1971	643	472	514	606	1206	1273	1382	2517	1872	571	382	353
1972	628	436	518	429	407	650	578	1335	1160	561	283	298
1973	340	421	440	542	488	537	707	1537	641	563	283	302
1974	585	616	918	1517	1350	1224	1180	1819	1479	398	383	353
1975	567	431	408	383	470	983	810	2274	2058	398	381	350
1976	574	413	411	379	528	562	838	861	666	456	450	395
1977	400	472	428	409	417	386	611	629	440	375	218	120
1978	101	101	277	360	350	499	488	983	880	287	275	297
1979	334	315	361	306	334	317	438	648	374	380	273	297
1980	474	353	326	1110	904	562	802	1314	1145	401	383	353
1981	290	398	406	420	391	491	433	723	765	457	446	384
1982	311	904	1311	653	2839	2442	2595	3191	1706	694	380	341
1983	796	1510	1773	1674	2117	2921	3023	5076	5802	2311	603	348
1984	827	3500	3012	2164	2029	1775	1285	1898	1264	398	383	353
1985	592	480	418	386	396	538	759	1064	870	561	283	304
1986	332	420	446	412	3458	3715	2955	2227	1344	338	370	349
1987	631	403	406	397	400	494	435	931	769	458	446	385
1988	401	378	381	383	366	388	612	628	434	222	125	110
1989	119	258	220	185	323	926	868	851	792	417	300	299
1990	315	365	260	274	258	373	695	362	290	286	43	87
1991	35	91	68	65	88	280	447	351	289	241	42	36
1992	41	151	104	89	210	255	432	349	53	47	34	35
1993	30	94	137	229	233	716	886	1450	786	405	292	209
1994	305	117	176	195	216	394	556	607	205	133	120	111
1995	106	197	198	449	421	1456	1156	1970	1565	848	364	353
1996	342	343	370	400	1883	1935	1932	2753	1248	356	383	349
1997	605	403	2070	7141	2512	2320	1903	1581	974	377	425	368
1998	611	412	423	417	1767	2147	1521	2495	2075	1111	346	351
1999	650	412	456	906	1970	2378	2086	2738	1823	360	381	353
2000	597	394	400	410	441	525	1089	1551	884	427	305	299



## Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	327	361	360	414	908	1007	729	2042	1196	354	343	308
1902	265	400	387	364	397	548	1234	1369	1278	347	336	301
1903	555	390	385	450	414	507	774	1038	1080	347	336	301
1904	564	528	382	362	2472	3609	3229	3911	2636	346	336	301
1905	480	406	658	590	392	750	815	1047	964	347	236	245
1906	585	396	386	553	1762	1833	3578	3271	1868	1940	336	301
1907	566	404	449	702	1757	3224	4722	4949	4030	2456	335	301
1908	655	407	998	680	399	506	679	1019	818	346	236	247
1909	282	394	383	2212	2035	1399	1996	2937	1936	381	335	301
1910	586	808	1456	1444	484	1663	1900	1263	819	346	236	246
1911	282	396	410	950	1793	1814	3983	3676	3152	1615	335	301
1912	544	407	402	373	366	510	526	619	518	347	236	249
1913	361	396	381	433	388	460	793	1107	748	415	236	245
1914	281	399	478	1018	1982	1685	2345	2768	1777	484	335	301
1915	559	395	402	395	566	527	972	1304	1412	346	336	301
1916	541	386	401	1187	1121	1678	3090	2243	1653	360	335	301
1917	559	406	437	373	819	840	1639	1926	1675	509	336	301
1918	551	385	384	365	437	622	751	1017	820	347	236	279
1919	285	396	384	366	596	578	1076	1208	621	514	236	246
1920	282	395	487	437	446	496	770	1160	747	414	236	246
1921	284	364	418	454	404	465	510	735	637	234	228	245
1922	336	385	460	397	722	639	462	1956	1609	346	335	301
1923	383	403	566	536	437	481	700	1204	1089	346	335	301
1924	553	392	384	366	363	477	512	815	616	403	400	333
1925	370	385	373	302	445	446	603	600	338	233	227	250
1926	295	333	342	342	399	473	580	806	389	324	310	323
1927	288	389	306	275	438	692	1000	1433	1173	347	336	301
1928	286	410	393	351	376	1155	740	674	625	410	402	334
1929	289	421	338	346	360	422	764	756	402	326	311	323
1930	359	237	393	384	371	377	684	773	526	328	227	246
1931	281	371	256	159	132	243	375	310	33	10	4	4
1932	9	87	203	262	244	281	428	835	705	230	224	241
1933	403	112	147	208	146	231	592	592	766	325	51	31
1934	6	121	200	144	186	449	404	310	26	14	13	5
1935	5	105	69	138	119	144	1024	978	545	355	224	110
1936	59	157	157	247	562	616	1171	1058	581	237	228	245
1937	377	284	327	334	444	325	592	752	321	338	228	245
1938	426	297	858	308	655	782	1766	3794	1805	346	335	301
1939	313	395	386	398	400	496	549	620	723	506	401	250
1940	282	431	403	537	664	1075	990	1157	524	346	235	246
1941	524	400	496	437	446	499	811	1156	897	425	235	246
1942	497	397	816	1396	1813	1242	1718	1455	1561	346	335	301
1943	536	473	911	1925	2088	2020	2062	1320	889	346	235	252
1944	591	409	403	402	458	559	489	1019	762	513	277	246
1945	282	453	419	369	507	566	505	582	417	246	235	246
1946	434	428	687	938	402	530	809	1221	724	512	235	246
1947	534	501	427	433	373	488	689	821	623	407	401	334
1948	281	426	367	342	396	429	531	624	434	326	226	244
1949	281	339	368	332	342	291	471	450	398	327	311	244
1950	443	352	350	408	369	464	749	890	676	362	228	246
1951	327	1618	2496	1469	681	546	996	748	479	246	235	246

# Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	605	422	702	1146	1704	1745	3741	6014	1972	1645	335	301
1953	581	433	847	1130	634	1327	1627	2484	1699	933	335	301
1954	893	407	390	395	445	565	541	619	734	510	403	345
1955	282	465	435	472	428	466	741	711	559	326	227	245
1956	281	396	1408	1279	1224	1197	1257	1624	1236	378	335	301
1957	516	428	399	405	431	733	809	1037	1137	346	336	301
1958	558	410	430	411	1835	1468	1374	3329	1789	477	335	301
1959	545	431	391	380	509	510	803	894	726	511	403	345
1960	381	493	423	420	489	606	632	752	393	329	312	324
1961	360	365	289	268	270	271	405	326	256	236	150	149
1962	4	82	79	40	380	383	673	465	590	328	226	244
1963	675	344	367	402	1217	421	520	995	498	240	230	247
1964	303	447	400	393	325	424	810	1267	1002	509	291	245
1965	283	429	1513	946	454	501	799	898	640	347	285	272
1966	499	748	1096	504	387	468	552	1021	721	506	400	344
1967	281	458	480	567	1479	1229	952	2151	2630	1448	332	300
1968	608	388	423	495	514	665	516	998	523	419	236	252
1969	303	399	428	1718	2079	1715	3092	4176	1925	383	336	300
1970	582	406	705	3218	1708	1345	861	1118	974	347	235	247
1971	616	459	503	591	1190	1256	1359	2478	1829	519	335	300
1972	601	423	506	414	392	634	553	1292	1113	509	236	246
1973	313	408	429	526	472	520	684	1493	594	511	236	250
1974	558	603	906	1502	1335	1207	1157	1776	1432	347	336	301
1975	537	418	397	367	454	966	787	2233	2011	347	335	300
1976	547	400	400	363	512	545	815	817	619	404	403	347
1977	370	459	417	394	402	369	583	585	396	324	171	85
1978	79	88	266	345	334	483	465	938	832	235	228	245
1979	304	302	350	290	318	301	414	604	327	328	226	245
1980	444	340	315	1095	889	545	779	1270	1102	349	336	301
1981	261	385	395	405	375	474	406	680	719	405	399	332
1982	281	891	1300	638	2823	2426	2572	3152	1663	647	335	294
1983	769	1497	1762	1659	2102	2905	2999	5037	5760	2265	561	298
1984	800	3487	3000	2149	2014	1758	1262	1858	1222	347	336	301
1985	562	467	407	371	380	522	735	1020	823	509	236	255
1986	306	407	435	397	3442	3699	2932	2188	1301	292	329	300
1987	604	390	395	381	384	477	408	887	724	406	399	333
1988	371	365	370	367	351	372	584	583	387	171	92	83
1989	99	245	208	170	307	910	845	812	749	370	258	247
1990	286	352	249	258	242	357	667	318	243	234	11	60
1991	15	78	57	49	72	264	423	307	242	188	11	9
1992	18	138	93	73	194	236	406	305	16	15	4	9
1993	11	81	126	213	217	700	862	1406	744	355	243	155
1994	276	104	165	180	201	378	528	568	167	101	89	84
1995	85	184	187	434	405	1440	1133	1931	1523	802	323	306
1996	314	330	359	384	1868	1919	1909	2714	1205	309	336	301
1997	578	390	2059	7126	2496	2304	1879	1542	932	331	383	321
1998	584	399	412	401	1751	2130	1498	2456	2033	1065	304	304
1999	623	399	445	890	1955	2361	2062	2698	1780	313	340	306
2000	570	381	389	394	426	508	1066	1512	842	377	258	246

# Truckee River at Vista, NV Gaging Station (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	374	461	454	557	1123	1161	831	2098	1261	405	395	359
1902	327	512	487	452	528	715	1341	1421	1337	405	395	359
1903	617	496	483	619	571	655	890	1090	1137	405	395	359
1904	626	642	479	445	2674	3808	3387	3972	2694	405	395	359
1905	545	522	771	696	522	892	928	1100	1024	405	295	303
1906	647	506	485	751	1928	1986	3674	3325	1925	2000	395	359
1907	629	516	591	894	1891	3419	4910	5011	4089	2516	395	359
1908	726	524	1152	825	535	647	749	1073	878	405	295	304
1909	344	503	479	2410	2251	1580	2074	2989	1994	440	395	359
1910	649	942	1640	1632	673	1790	1961	1317	878	405	295	304
1911	345	504	526	1149	1998	2012	4129	3735	3210	1674	395	359
1912	607	523	511	481	459	644	610	673	578	405	295	307
1913	423	505	476	589	524	570	850	1158	805	474	295	303
1914	343	510	645	1221	2196	1831	2428	2820	1834	544	395	359
1915	621	502	510	525	777	688	1054	1360	1471	405	395	359
1916	604	488	509	1385	1328	1830	3163	2295	1712	420	395	359
1917	621	521	573	492	1020	1005	1736	1978	1734	568	395	359
1918	613	483	472	441	595	818	881	1072	878	405	295	346
1919	347	505	481	456	803	771	1182	1259	678	574	295	304
1920	344	503	657	573	561	626	888	1213	824	473	295	304
1921	346	486	559	634	552	585	569	825	699	293	287	303
1922	398	485	611	538	936	838	606	2014	1666	405	395	359
1923	446	517	749	741	609	614	818	1260	1168	405	395	359
1924	615	497	476	447	442	586	569	866	673	461	459	391
1925	432	499	476	389	612	582	671	650	394	292	287	307
1926	357	442	437	462	555	597	644	857	446	382	369	380
1927	350	565	431	396	643	863	1143	1491	1230	405	395	359
1928	348	529	499	442	459	1336	901	736	684	468	461	392
1929	351	524	437	435	479	551	853	807	460	384	370	381
1930	422	332	525	544	527	511	750	824	583	386	286	304
1931	343	487	353	275	246	341	441	361	86	57	46	46
1932	56	142	365	442	421	415	490	884	757	280	276	292
1933	466	204	240	374	289	359	653	644	820	383	110	76
1934	55	214	351	276	312	550	459	361	83	63	56	48
1935	52	159	146	262	234	267	1179	1039	598	405	276	159
1936	121	266	258	386	768	796	1257	1109	635	295	288	303
1937	439	383	448	495	659	486	679	804	376	397	288	303
1938	488	408	1012	456	869	981	1955	3866	1881	405	395	359
1939	375	503	479	527	539	631	611	673	779	566	461	308
1940	344	534	491	734	873	1273	1143	1217	578	405	295	304
1941	587	511	673	607	621	638	886	1208	951	484	295	304
1942	559	507	999	1601	1994	1440	1865	1533	1616	405	395	359
1943	599	638	1060	2127	2278	2218	2189	1375	944	405	295	310
1944	653	526	514	538	635	740	608	1073	816	572	337	304
1945	344	604	547	475	704	753	615	636	478	305	295	304
1946	528	563	872	1085	545	687	887	1272	778	572	295	304
1947	596	685	564	550	491	614	752	873	677	465	461	392
1948	343	530	456	428	493	537	651	686	487	384	286	302
1949	343	443	489	458	475	422	533	512	451	385	370	302
1950	505	456	449	606	541	632	876	945	729	421	287	303
1951	402	1805	2682	1665	876	694	1096	800	534	305	295	304

# Truckee River at Vista, NV Gaging Station (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	673	550	886	1350	1912	1943	3950	6076	2028	1705	395	359
1953	644	568	1021	1291	780	1447	1709	2570	1803	993	395	359
1954	956	523	493	525	618	751	609	673	791	570	463	403
1955	344	584	571	615	567	584	800	762	613	385	286	303
1956	343	491	1589	1482	1431	1334	1319	1712	1304	437	395	359
1957	578	558	510	543	593	878	873	1119	1199	405	395	359
1958	620	529	562	558	2014	1667	1588	3391	1856	537	395	359
1959	607	565	497	499	720	662	908	947	781	570	462	403
1960	443	607	520	537	663	767	767	809	447	388	371	382
1961	422	496	392	351	366	382	462	387	316	294	209	266
1962	66	154	157	128	590	579	773	515	643	386	285	302
1963	762	469	468	565	1411	593	696	1189	644	304	289	305
1964	375	610	516	523	432	539	877	1337	1057	567	351	303
1965	345	545	1693	1150	637	643	872	949	706	405	414	340
1966	574	937	1275	656	524	590	612	1073	775	565	460	401
1967	343	594	652	773	1641	1425	1151	2235	2685	1508	395	358
1968	674	490	545	640	667	819	611	1073	578	478	295	310
1969	379	511	558	1921	2296	1886	3236	4235	2000	455	395	359
1970	700	530	874	3426	1925	1499	1040	1181	1030	405	295	305
1971	711	618	690	763	1323	1405	1469	2597	1889	579	395	359
1972	681	555	690	567	525	740	612	1343	1168	568	296	304
1973	413	530	561	711	669	676	771	1544	647	570	295	307
1974	626	762	1067	1652	1465	1360	1247	1827	1486	405	395	359
1975	599	544	508	470	629	1163	967	2296	2067	405	395	359
1976	620	514	496	446	629	672	881	869	673	462	462	405
1977	432	574	517	482	517	466	638	635	448	382	230	142
1978	138	139	404	520	506	624	541	988	885	292	286	302
1979	366	416	456	418	472	430	487	656	381	386	285	302
1980	506	452	435	1293	1099	717	890	1322	1160	408	395	359
1981	323	476	495	541	496	590	465	732	773	463	458	389
1982	343	1043	1458	841	2982	2610	2773	3267	1784	738	395	399
1983	918	1679	1923	1873	2328	3114	3240	5235	5966	2396	633	358
1984	867	3688	3193	2343	2234	1946	1405	1917	1279	405	395	359
1985	624	627	527	474	503	676	838	1073	878	567	295	313
1986	385	527	571	535	3664	3908	3171	2378	1463	414	395	359
1987	698	497	497	499	507	598	467	940	779	464	459	391
1988	434	444	452	488	458	446	635	634	440	228	150	130
1989	161	327	303	244	379	1039	936	872	817	424	324	298
1990	348	426	321	344	318	444	720	370	296	292	67	104
1991	63	140	127	131	151	335	476	357	295	236	56	52
1992	66	189	170	155	254	285	452	355	59	59	47	51
1993	58	138	181	318	326	869	979	1459	804	405	295	203
1994	339	167	243	277	297	448	579	631	213	147	132	127
1995	133	246	268	589	521	1631	1289	2162	1837	950	395	359
1996	377	398	463	512	2074	2129	2107	2951	1352	405	395	359
1997	651	494	2243	7336	2724	2513	2109	1795	1160	424	448	411
1998	665	515	531	538	1915	2339	1696	2658	2330	1222	426	448
1999	764	521	590	1060	2183	2574	2276	2937	1993	418	417	375
2000	644	458	484	520	557	631	1164	1579	901	436	317	304

# Truckee River at S-Bar-S Ranch (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	366	472	468	578	1155	1179	811	2027	1183	300	300	300
1902	318	523	501	466	545	736	1322	1348	1259	300	300	300
1903	609	507	497	643	590	672	872	1018	1059	300	300	300
1904	617	653	493	459	2725	3857	3376	3900	2616	300	300	300
1905	536	534	786	711	539	909	911	1028	946	300	200	245
1906	638	517	499	787	1952	2006	3655	3255	1848	1894	300	300
1907	620	527	612	926	1910	3501	4907	4940	4011	2411	300	300
1908	717	535	1174	843	552	663	728	1000	800	300	200	246
1909	335	513	493	2458	2291	1603	2054	2916	1916	335	300	300
1910	640	954	1671	1659	695	1804	1939	1243	800	300	200	245
1911	336	515	542	1209	2034	2051	4116	3663	3132	1569	300	300
1912	598	534	526	495	473	661	590	600	500	300	200	248
1913	414	515	264	206	169	324	490	800	400	200	200	244
1914	334	177	326	1310	2243	1852	2409	2747	1756	438	300	300
1915	612	513	524	543	812	707	1034	1289	1393	300	300	300
1916	595	499	524	1453	1365	1851	3143	2222	1633	314	300	300
1917	612	533	591	508	1048	1025	1716	1906	1656	463	300	300
1918	604	494	485	455	618	848	864	1000	800	300	200	290
1919	338	516	495	469	841	796	1163	1187	600	300	200	245
1920	335	309	406	150	150	331	490	800	400	200	200	245
1921	337	245	288	659	571	598	547	758	622	188	192	244
1922	389	496	444	556	995	870	590	1941	1589	300	300	300
1923	437	528	785	776	631	628	802	1188	1092	300	300	300
1924	606	508	490	460	455	601	420	530	400	200	199	110
1925	110	110	110	110	636	598	650	578	170	120	192	249
1926	348	385	90	90	90	160	569	300	170	120	109	100
1927	100	142	223	412	673	885	1127	1419	1152	300	300	300
1928	339	541	513	456	120	1348	888	600	400	200	199	110
1929	110	110	170	110	110	160	350	300	170	120	109	100
1930	100	90	90	90	90	140	672	300	170	120	191	246
1931	334	90	90	90	65	27	22	23	21	27	27	24
1932	25	28	41	43	39	430	468	811	679	175	181	233
1933	457	205	100	100	100	140	200	300	170	120	27	51
1934	22	25	35	30	31	28	19	22	28	25	27	26
1935	26	24	31	31	29	29	300	400	270	150	180	100
1936	112	100	100	100	817	819	1237	1036	557	190	193	244
1937	430	222	100	386	693	504	658	731	298	150	193	245
1938	480	195	1041	476	940	1055	1950	3795	1805	300	300	300
1939	366	514	493	545	557	646	590	600	500	300	199	250
1940	334	120	120	783	929	1313	1129	1145	500	300	200	246
1941	578	380	424	605	488	577	490	1135	873	300	200	246
1942	550	495	999	1639	2025	1474	1851	1461	1538	300	300	300
1943	590	656	1081	2192	2314	2259	2175	1303	866	300	200	252
1944	645	538	528	556	659	762	590	1000	500	300	200	246
1945	292	321	313	490	733	777	596	564	400	200	200	245
1946	521	575	903	1105	562	707	866	1199	600	300	200	245
1947	588	547	381	150	154	451	490	530	400	200	199	110
1948	199	110	110	110	110	140	200	300	277	120	191	244
1949	334	90	137	90	90	205	510	443	170	120	109	116
1950	400	90	90	638	562	639	859	873	633	150	192	245
1951	393	1838	2718	1697	900	709	1077	728	456	200	200	246

# Truckee River at S-Bar-S Ranch (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	664	562	928	1415	1955	1999	3950	6005	1950	1600	300	300
1953	635	581	1045	1314	798	1461	1689	2502	1727	887	300	300
1954	947	535	507	543	642	775	590	600	500	300	199	120
1955	165	120	225	120	120	239	350	300	170	120	182	245
1956	285	90	1661	1548	1466	1352	1300	1641	1226	332	300	300
1957	569	570	524	562	614	895	852	1048	1121	300	300	300
1958	611	541	581	579	2046	1701	1593	3321	1779	432	300	300
1959	598	577	511	515	486	434	590	600	500	300	199	120
1960	120	120	120	120	120	140	200	300	170	120	109	100
1961	100	63	31	32	35	29	19	26	22	30	27	53
1962	24	28	33	30	49	39	274	300	170	120	190	243
1963	754	190	90	551	1443	616	689	1127	571	199	194	247
1964	367	627	531	540	306	220	490	800	600	300	200	244
1965	287	150	1754	1198	662	660	852	876	630	300	324	282
1966	565	960	1301	675	539	602	589	1000	500	300	199	120
1967	126	120	516	819	1665	1465	1147	2164	2607	1402	300	300
1968	665	500	561	660	687	836	590	1000	500	300	200	251
1969	370	315	234	2002	2363	1912	3219	4162	1926	350	300	300
1970	691	542	901	3474	1953	1516	1023	1108	952	300	200	247
1971	703	633	717	786	1339	1426	1451	2530	1812	473	300	300
1972	673	567	716	587	541	752	590	1000	800	300	200	245
1973	404	194	337	738	696	694	751	1471	569	300	200	249
1974	617	778	1090	1675	1482	1382	1228	1755	1409	300	300	300
1975	590	556	522	485	654	1193	955	2224	1989	300	300	300
1976	611	525	510	459	160	290	420	530	400	200	199	110
1977	110	110	110	110	110	140	200	300	170	120	109	100
1978	100	42	34	37	37	331	341	838	807	157	191	243
1979	358	314	100	435	447	373	267	583	170	120	190	244
1980	497	90	107	1324	1134	738	872	1250	1082	302	300	300
1981	314	487	510	560	511	604	443	600	500	200	199	110
1982	235	918	1483	872	3006	2635	2764	3196	1707	633	300	345
1983	913	1698	1947	1902	2363	3147	3235	5166	5888	2292	538	300
1984	859	3719	3224	2365	2256	1963	1385	1843	1201	300	300	300
1985	616	646	543	489	518	694	818	1000	800	300	200	255
1986	377	431	305	553	3731	3944	3165	2308	1386	309	300	300
1987	689	508	511	514	521	610	445	600	500	200	199	110
1988	110	110	110	110	110	140	200	300	170	120	110	100
1989	100	90	90	90	90	160	300	400	270	150	198	240
1990	337	100	100	100	100	102	20	23	25	29	27	73
1991	27	31	26	29	28	27	18	21	21	24	27	24
1992	24	25	29	29	28	26	18	21	24	30	26	26
1993	21	24	27	28	29	883	958	1386	726	300	200	145
1994	330	176	120	120	120	140	200	300	170	120	109	100
1995	100	90	90	470	534	1650	1269	2092	1764	845	300	300
1996	368	408	478	527	2095	2147	2088	2880	1274	300	300	300
1997	656	491	2218	7703	2847	2551	2048	1693	1085	300	300	300
1998	638	472	513	518	1903	2329	1682	2566	2278	1082	300	373
1999	740	522	607	1073	2203	2568	2250	2889	1923	300	300	300
2000	630	465	492	523	567	632	1126	1477	800	300	200	236

## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	366	472	468	578	1155	1179	811	2027	1183	300	300	300
1902	318	523	501	466	545	736	1322	1348	1259	300	300	300
1903	609	507	497	643	590	672	872	1018	1059	300	300	300
1904	617	653	493	459	2725	3857	3376	3900	2616	300	300	300
1905	536	534	786	711	539	909	911	1028	946	300	200	245
1906	638	517	499	787	1952	2006	3655	3255	1848	1894	300	300
1907	620	527	612	926	1910	3501	4907	4940	4011	2411	300	300
1908	717	535	1174	843	552	663	728	1000	800	300	200	246
1909	335	513	493	2458	2291	1603	2054	2916	1916	335	300	300
1910	640	954	1671	1659	695	1804	1939	1243	800	300	200	245
1911	336	515	542	1209	2034	2051	4116	3663	3132	1569	300	300
1912	598	534	526	495	473	661	590	600	500	300	200	248
1913	414	515	264	206	169	324	490	800	400	200	200	244
1914	334	177	326	1310	2243	1852	2409	2747	1756	438	300	300
1915	612	513	524	543	812	707	1034	1289	1393	300	300	300
1916	595	499	524	1453	1365	1851	3143	2222	1633	314	300	300
1917	612	533	591	508	1048	1025	1716	1906	1656	463	300	300
1918	604	494	485	455	618	848	864	1000	800	300	200	290
1919	338	516	495	469	841	796	1163	1187	600	300	200	245
1920	335	309	406	150	150	331	490	800	400	200	200	245
1921	337	245	288	659	571	598	547	758	622	188	192	244
1922	389	496	444	556	995	870	590	1941	1589	300	300	300
1923	437	528	785	776	631	628	802	1188	1092	300	300	300
1924	606	508	490	460	455	601	420	530	400	200	199	110
1925	110	110	110	110	636	598	650	578	170	120	192	249
1926	348	385	90	90	90	160	569	300	170	120	109	100
1927	100	142	223	412	673	885	1127	1419	1152	300	300	300
1928	339	541	513	456	120	1348	888	600	400	200	199	110
1929	110	110	170	110	110	160	350	300	170	120	109	100
1930	100	90	90	90	90	140	672	300	170	120	191	246
1931	334	90	90	90	65	27	22	23	21	27	27	24
1932	25	28	41	43	39	430	468	811	679	175	181	233
1933	457	205	100	100	100	140	200	300	170	120	27	51
1934	22	25	35	30	31	28	19	22	28	25	27	26
1935	26	24	31	31	29	29	300	400	270	150	180	100
1936	112	100	100	100	817	819	1237	1036	557	190	193	244
1937	430	222	100	386	693	504	658	731	298	150	193	245
1938	480	195	1041	476	940	1055	1950	3795	1805	300	300	300
1939	366	514	493	545	557	646	590	600	500	300	199	250
1940	334	120	120	783	929	1313	1129	1145	500	300	200	246
1941	578	380	424	605	488	577	490	1135	873	300	200	246
1942	550	495	999	1639	2025	1474	1851	1461	1538	300	300	300
1943	590	656	1081	2192	2314	2259	2175	1303	866	300	200	252
1944	645	538	528	556	659	762	590	1000	500	300	200	246
1945	292	321	313	490	733	777	596	564	400	200	200	245
1946	521	575	903	1105	562	707	866	1199	600	300	200	245
1947	588	547	381	150	154	451	490	530	400	200	199	110
1948	199	110	110	110	110	140	200	300	277	120	191	244
1949	334	90	137	90	90	205	510	443	170	120	109	116
1950	400	90	90	638	562	639	859	873	633	150	192	245
1951	393	1838	2718	1697	900	709	1077	728	456	200	200	246

## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	664	562	928	1415	1955	1999	3950	6005	1950	1600	300	300
1953	635	581	1045	1314	798	1461	1689	2502	1727	887	300	300
1954	947	535	507	543	642	775	590	600	500	300	199	120
1955	165	120	225	120	120	239	350	300	170	120	182	245
1956	285	90	1661	1548	1466	1352	1300	1641	1226	332	300	300
1957	569	570	524	562	614	895	852	1048	1121	300	300	300
1958	611	541	581	579	2046	1701	1593	3321	1779	432	300	300
1959	598	577	511	515	486	434	590	600	500	300	199	120
1960	120	120	120	120	120	140	200	300	170	120	109	100
1961	100	63	31	32	35	29	19	26	22	30	27	53
1962	24	28	33	30	49	39	274	300	170	120	190	243
1963	754	190	90	551	1443	616	689	1127	571	199	194	247
1964	367	627	531	540	306	220	490	800	600	300	200	244
1965	287	150	1754	1198	662	660	852	876	630	300	324	282
1966	565	960	1301	675	539	602	589	1000	500	300	199	120
1967	126	120	516	819	1665	1465	1147	2164	2607	1402	300	300
1968	665	500	561	660	687	836	590	1000	500	300	200	251
1969	370	315	234	2002	2363	1912	3219	4162	1926	350	300	300
1970	691	542	901	3474	1953	1516	1023	1108	952	300	200	247
1971	703	633	717	786	1339	1426	1451	2530	1812	473	300	300
1972	673	567	716	587	541	752	590	1000	800	300	200	245
1973	404	194	337	738	696	694	751	1471	569	300	200	249
1974	617	778	1090	1675	1482	1382	1228	1755	1409	300	300	300
1975	590	556	522	485	654	1193	955	2224	1989	300	300	300
1976	611	525	510	459	160	290	420	530	400	200	199	110
1977	110	110	110	110	110	140	200	300	170	120	109	100
1978	100	42	34	37	37	331	341	838	807	157	191	243
1979	358	314	100	435	447	373	267	583	170	120	190	244
1980	497	90	107	1324	1134	738	872	1250	1082	302	300	300
1981	314	487	510	560	511	604	443	600	500	200	199	110
1982	235	918	1483	872	3006	2635	2764	3196	1707	633	300	345
1983	913	1698	1947	1902	2363	3147	3235	5166	5888	2292	538	300
1984	859	3719	3224	2365	2256	1963	1385	1843	1201	300	300	300
1985	616	646	543	489	518	694	818	1000	800	300	200	255
1986	377	431	305	553	3731	3944	3165	2308	1386	309	300	300
1987	689	508	511	514	521	610	445	600	500	200	199	110
1988	110	110	110	110	110	140	200	300	170	120	110	100
1989	100	90	90	90	90	160	300	400	270	150	198	240
1990	337	100	100	100	100	102	20	23	25	29	27	73
1991	27	31	26	29	28	27	18	21	21	24	27	24
1992	24	25	29	29	28	26	18	21	24	30	26	26
1993	21	24	27	28	29	883	958	1386	726	300	200	145
1994	330	176	120	120	120	140	200	300	170	120	109	100
1995	100	90	90	470	534	1650	1269	2092	1764	845	300	300
1996	368	408	478	527	2095	2147	2088	2880	1274	300	300	300
1997	656	491	2218	7703	2847	2551	2048	1693	1085	300	300	300
1998	638	472	513	518	1903	2329	1682	2566	2278	1082	300	373
1999	740	522	607	1073	2203	2568	2250	2889	1923	300	300	300
2000	630	465	492	523	567	632	1126	1477	800	300	200	236



# Little Truckee River below Sierra Valley Diversion (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	72	36	33	16	136	174	189	491	432	75	4	32
1902	32	17	34	13	49	36	189	419	342	35	17	26
1903	2	2	7	22	38	59	137	355	293	32	12	5
1904	11	75	5	2	172	298	264	521	458	96	13	10
1905	4	11	17	35	32	102	125	250	233	21	8	5
1906	23	2	2	27	36	88	269	605	588	197	0	0
1907	2	2	2	2	56	243	334	540	583	268	38	12
1908	4	7	16	24	25	66	118	177	212	20	8	4
1909	7	2	2	245	62	61	250	488	567	122	12	11
1910	36	80	67	39	42	178	211	286	154	6	6	12
1911	7	4	16	38	41	64	295	583	850	247	18	9
1912	5	7	5	12	2	10	54	308	282	19	13	10
1913	3	9	2	2	3	24	104	318	163	23	16	5
1914	3	2	3	105	56	193	308	532	486	93	12	0
1915	4	2	2	5	16	44	174	448	374	63	0	2
1916	29	2	5	17	39	183	342	438	476	116	24	21
1917	11	4	13	2	8	26	189	470	463	83	20	18
1918	6	2	2	2	6	23	164	286	178	0	1	5
1919	16	7	8	7	19	35	253	446	127	8	0	2
1920	5	2	3	2	3	21	94	319	160	10	1	3
1921	6	18	13	32	38	135	150	332	326	39	6	2
1922	5	2	3	10	5	6	113	570	575	78	0	0
1923	3	2	2	5	11	56	154	407	255	56	0	0
1924	3	2	2	2	12	2	28	77	8	0	3	1
1925	5	2	2	2	75	70	126	315	170	12	1	4
1926	6	2	6	6	19	60	128	184	60	0	4	2
1927	5	17	19	28	82	130	197	465	507	79	0	0
1928	6	25	15	13	11	231	139	321	92	2	1	1
1929	3	2	6	2	2	27	48	231	128	12	3	1
1930	5	2	34	13	33	68	150	240	177	10	6	2
1931	5	4	2	2	2	30	32	105	41	1	4	3
1932	5	2	2	15	15	59	184	381	327	38	3	2
1933	6	2	2	2	2	5	76	167	274	14	5	2
1934	4	2	4	8	16	89	53	78	48	8	4	3
1935	3	2	2	5	7	10	181	415	324	28	0	0
1936	5	2	2	17	28	104	242	409	280	24	0	0
1937	4	2	2	19	29	48	156	358	189	10	1	1
1938	5	2	181	19	28	40	274	681	636	110	0	0
1939	10	5	2	2	2	42	90	174	54	6	3	2
1940	3	2	2	32	50	186	211	367	226	25	14	6
1941	7	8	16	19	55	88	103	364	256	48	7	28
1942	6	2	72	73	48	55	201	342	392	70	0	3
1943	5	39	49	83	67	145	238	321	208	40	5	7
1944	6	21	9	2	2	18	78	301	132	0	1	3
1945	4	8	33	13	66	40	135	337	202	6	3	5
1946	11	26	47	110	10	76	184	338	177	7	3	6
1947	11	19	12	14	34	53	145	198	31	2	2	2
1948	12	10	9	45	19	16	115	275	283	26	4	3
1949	5	10	7	8	10	12	169	319	79	3	2	2
1950	4	7	7	14	22	37	209	431	271	48	3	3
1951	16	359	300	70	82	69	227	290	93	4	4	3

# Little Truckee River below Sierra Valley Diversion (cfs)

	2-Jul-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	10	18	23	17	23	23	214	664	634	272	36	6
1953	7	9	15	58	39	45	207	278	432	134	8	6
1954	9	16	15	16	15	82	242	304	36	3	4	4
1955	5	9	8	8	10	15	52	280	177	5	3	4
1956	5	8	276	119	60	57	193	519	435	77	6	4
1957	14	17	15	15	33	60	145	371	255	9	4	5
1958	12	17	22	20	47	54	120	677	440	92	8	4
1959	6	9	7	37	30	51	158	144	62	3	2	6
1960	5	4	4	5	27	89	213	178	104	5	3	2
1961	3	5	6	5	15	19	67	148	84	3	2	3
1962	5	5	6	5	21	12	184	274	196	11	3	2
1963	130	49	90	106	353	62	79	385	238	26	4	5
1964	9	67	24	22	18	24	147	300	129	7	3	2
1965	4	8	347	100	72	62	200	375	328	82	35	13
1966	3	18	14	18	15	32	221	263	24	2	2	1
1967	1	21	38	34	40	92	53	416	723	287	11	4
1968	10	9	9	16	80	76	166	212	58	2	3	3
1969	6	28	16	65	55	39	191	713	521	91	8	3
1970	8	10	90	298	93	80	111	311	176	11	4	2
1971	4	32	38	41	46	48	123	418	512	164	9	4
1972	10	16	21	15	16	121	129	263	124	4	2	5
1973	10	23	79	52	31	32	173	469	214	0	0	4
1974	6	76	50	163	56	123	171	499	385	77	0	13
1975	14	19	22	19	21	27	40	453	573	92	0	3
1976	18	25	17	14	17	31	49	113	12	2	6	4
1977	9	6	3	5	9	10	15	24	20	4	3	5
1978	3	3	19	19	14	65	135	452	368	56	6	23
1979	3	9	8	23	12	27	83	304	118	9	4	5
1980	6	7	9	167	78	47	204	507	366	96	11	18
1981	4	9	15	14	35	35	57	142	30	3	3	4
1982	5	179	261	73	293	135	260	593	449	118	10	13
1983	67	54	44	37	42	133	141	558	956	319	72	12
1984	16	208	172	120	65	131	173	455	323	37	7	7
1985	5	48	34	26	29	36	177	253	82	19	4	5
1986	7	19	27	51	272	387	265	408	304	31	6	6
1987	10	20	18	19	30	35	66	134	21	4	5	5
1988	2	8	15	11	14	16	66	72	28	2	2	4
1989	4	17	8	9	21	151	202	253	168	10	4	4
1990	14	10	9	15	11	44	103	131	72	6	2	6
1991	4	3	3	3	7	32	46	176	133	9	7	5
1992	6	5	4	4	15	22	105	76	21	4	5	5
1993	5	1	5	11	8	71	182	540	364	65	8	6
1994	8	6	8	8	9	27	90	100	16	5	2	2
1995	2	5	6	34	53	179	172	542	821	345	32	4
1996	6	6	49	41	183	96	220	555	191	8	4	5
1997	5	40	122	376	65	127	253	348	109	5	3	4
1998	6	9	13	35	41	90	147	295	467	165	4	5
1999	7	25	26	35	64	45	122	514	381	32	10	6
2000	6	14	12	32	67	46	191	326	87	4	2	6

# NO ACTION ALTERNATIVE

## Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	50	50	50	50	50	50	70	70	70	70	70	70
1902	50	50	60	203	50	155	245	407	437	70	70	286
1903	280	236	246	154	57	50	70	233	437	70	70	266
1904	249	50	207	293	1443	1350	1395	1350	1303	70	70	70
1905	50	50	515	349	90	50	214	407	437	70	70	357
1906	295	210	310	130	1494	1350	1395	454	437	1421	70	350
1907	379	305	387	604	1494	1350	1596	2140	2605	1456	70	70
1908	50	50	775	480	138	50	70	70	70	70	70	204
1909	302	218	312	978	1494	991	555	407	437	70	70	70
1910	50	250	896	1010	50	420	555	719	114	70	222	439
1911	288	192	197	433	1494	1350	1395	469	437	720	70	70
1912	133	146	259	218	283	341	144	70	70	70	70	282
1913	338	140	292	307	276	250	70	70	70	70	70	210
1914	358	199	268	50	1348	667	555	407	437	275	70	129
1915	274	231	335	261	196	124	70	70	323	70	70	122
1916	292	212	264	625	678	667	555	407	437	122	70	119
1917	323	169	210	308	576	667	555	407	437	368	70	136
1918	286	196	279	317	256	257	70	70	70	70	70	354
1919	155	152	246	245	180	172	70	70	70	70	70	368
1920	318	241	272	293	277	274	70	70	70	70	70	346
1921	315	50	149	79	56	50	70	70	70	70	70	89
1922	327	190	271	230	266	366	70	70	70	70	70	82
1923	384	228	276	262	228	50	70	70	208	124	70	246
1924	341	235	339	339	213	394	173	170	448	450	467	465
1925	340	152	214	208	50	50	70	70	70	70	70	182
1926	275	126	146	148	94	50	70	70	70	132	423	423
1927	180	51	73	50	50	50	70	70	70	70	70	70
1928	50	50	152	159	176	50	70	70	70	70	207	457
1929	367	150	151	181	184	50	70	70	70	321	441	317
1930	126	24	23	81	50	50	70	70	70	119	386	209
1931	73	28	12	7	11	12	26	70	84	35	0	0
1932	0	0	0	0	0	0	0	33	70	101	246	101
1933	0	0	0	0	0	0	0	1	34	63	16	0
1934	0	0	0	0	0	0	7	12	14	0	0	0
1935	0	0	0	0	0	0	0	4	70	91	30	0
1936	0	0	0	0	11	50	70	70	70	70	400	435
1937	203	50	50	50	50	50	70	70	70	70	462	453
1938	253	50	50	50	50	50	5	25	70	70	70	70
1939	50	97	287	297	293	154	70	70	70	305	418	361
1940	341	223	227	50	50	50	70	70	70	70	70	70
1941	50	128	185	174	50	50	198	407	437	70	70	144
1942	217	191	273	764	1406	667	555	407	437	220	70	70
1943	231	50	550	1083	1494	856	555	407	437	133	70	70
1944	189	52	229	328	322	288	70	70	70	70	115	310
1945	309	167	80	212	50	101	70	70	70	70	70	162
1946	198	50	204	137	222	50	70	557	281	70	124	267
1947	182	73	214	262	88	50	70	70	70	229	474	330
1948	235	227	303	95	168	245	70	70	70	70	70	205

# Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1949	266	150	274	248	190	169	70	70	70	70	127	362
1950	245	50	167	102	50	50	70	70	70	70	70	70
1951	50	50	1020	860	50	149	555	444	398	70	70	239
1952	197	50	310	719	1443	1350	1395	942	437	948	70	70
1953	50	50	498	670	50	638	555	407	437	356	70	70
1954	50	50	50	50	210	50	70	145	113	70	325	372
1955	318	198	251	314	314	303	168	70	70	70	234	327
1956	238	153	50	88	717	667	555	407	437	220	70	70
1957	102	50	202	271	50	310	555	407	437	70	119	322
1958	174	103	199	268	1494	968	555	407	437	291	70	70
1959	50	95	250	142	184	115	70	70	70	300	445	242
1960	270	235	281	284	73	50	70	70	70	70	190	316
1961	270	108	157	190	146	115	173	70	96	359	194	67
1962	0	0	0	0	3	76	70	70	70	133	339	144
1963	50	50	41	1	1	2	70	70	70	70	70	70
1964	50	50	78	113	196	83	70	70	70	70	70	87
1965	294	58	50	50	44	2	70	70	70	70	70	70
1966	33	269	734	256	50	50	70	70	70	70	169	350
1967	262	88	79	70	1116	667	555	407	437	569	70	70
1968	50	50	191	333	50	50	70	422	70	70	203	366
1969	232	84	227	791	1494	1350	1395	1032	437	182	70	70
1970	208	50	255	1350	843	667	555	407	437	70	70	374
1971	233	50	184	330	854	667	555	407	437	226	70	208
1972	203	131	194	224	172	50	70	70	70	70	70	300
1973	142	75	50	190	106	156	85	556	282	70	212	292
1974	217	50	524	748	993	667	555	407	437	198	70	127
1975	246	203	276	276	193	567	555	407	437	109	70	172
1976	50	50	342	281	255	276	120	70	307	468	450	422
1977	313	186	293	279	233	192	274	297	296	436	246	78
1978	9	0	7	50	50	50	70	70	70	70	70	130
1979	114	50	50	50	96	50	70	70	70	70	421	419
1980	273	50	50	50	50	43	70	70	70	70	70	70
1981	50	50	50	212	79	195	70	70	70	412	451	445
1982	322	50	50	41	1494	1290	555	407	437	268	70	70
1983	50	982	1270	1171	1494	1350	1395	1350	2589	1077	307	70
1984	50	1950	1626	1318	1443	713	555	407	437	70	70	309
1985	253	50	127	207	181	117	70	70	70	70	143	413
1986	288	172	220	50	1494	1350	1395	853	437	70	70	319
1987	183	166	261	242	152	170	70	70	70	422	443	451
1988	339	111	139	133	132	50	183	174	327	248	122	0
1989	0	0	0	0	0	9	70	70	70	132	251	125
1990	54	31	15	8	14	26	57	70	70	81	17	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	14	47	12	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	70	70	70	70	70	70
1996	50	50	50	50	397	667	555	407	437	70	70	379
1997	319	50	1183	3011	1494	817	555	407	437	70	70	409
1998	296	170	262	50	1494	1155	555	407	437	556	70	88
1999	259	50	202	638	1494	1350	987	407	437	70	70	90

# Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
2000	281	149	267	94	50	50	82	751	81	70	146	409

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	178	202	148	123	378	486	656	969	638	238	89	164
1902	126	156	162	273	186	272	842	1033	855	170	99	377
1903	333	285	300	226	190	212	573	838	801	159	107	339
1904	305	262	258	327	1836	2011	2255	2353	1927	269	136	171
1905	198	143	575	448	207	308	637	777	751	134	94	426
1906	334	272	338	214	1612	1613	2255	1563	1259	1750	72	402
1907	394	340	392	607	1655	1913	2684	3228	3575	1921	199	133
1908	149	135	832	560	238	246	501	353	335	137	90	265
1909	335	278	339	1529	1731	1145	1364	1305	1268	331	135	122
1910	186	481	1075	1139	177	834	1238	1131	291	98	233	476
1911	343	269	261	545	1618	1518	2302	1764	1699	1140	144	176
1912	192	232	295	267	324	392	249	513	407	136	97	359
1913	362	229	323	333	318	329	441	528	305	144	106	274
1914	373	265	307	295	1539	1100	1534	1544	1187	479	131	192
1915	321	281	349	306	267	243	691	700	806	200	104	207
1916	341	273	307	690	793	1082	1591	1186	1045	324	114	204
1917	356	247	270	339	629	747	1149	1076	1028	527	116	218
1918	321	256	317	339	305	350	630	520	283	76	79	421
1919	256	237	298	298	252	297	901	942	245	98	80	429
1920	340	284	309	326	320	358	380	590	271	100	77	405
1921	342	163	204	171	147	377	469	571	561	186	88	151
1922	345	257	314	285	313	402	249	1197	928	253	90	136
1923	398	277	315	310	287	223	598	766	544	242	78	302
1924	362	276	346	348	278	419	288	296	465	459	471	496
1925	343	209	233	234	250	255	501	529	246	102	80	246
1926	308	181	185	193	168	196	515	341	138	141	437	465
1927	184	144	147	158	291	413	770	915	781	218	95	134
1928	85	158	210	224	238	604	573	547	165	85	212	501
1929	376	206	194	216	217	128	278	443	195	352	451	361
1930	136	73	134	162	164	256	601	433	253	152	408	266
1931	86	89	33	41	46	100	182	252	129	49	9	12
1932	24	41	20	46	63	190	425	703	589	204	257	167
1933	15	43	19	21	9	44	170	281	410	105	22	57
1934	5	69	40	42	65	239	228	105	49	14	6	40
1935	5	52	24	36	40	57	597	774	524	149	41	16
1936	71	48	17	73	107	342	894	855	436	141	405	442
1937	258	88	60	118	130	166	512	668	356	115	468	470
1938	292	120	472	163	146	188	877	1467	1014	285	103	132
1939	122	167	309	315	317	277	376	239	135	324	437	382
1940	352	260	240	138	188	472	745	843	354	121	157	121
1941	137	208	243	250	204	273	556	1152	775	176	91	237
1942	302	254	448	907	1547	835	1179	959	1085	355	81	135
1943	272	205	676	1258	1673	1260	1347	980	705	216	84	137
1944	241	141	251	353	343	361	290	521	265	99	121	341
1945	348	250	185	289	193	237	472	623	352	114	79	228
1946	240	182	332	299	293	242	613	1144	511	108	131	330
1947	224	190	257	304	207	229	323	365	150	236	477	343
1948	303	283	309	169	194	290	339	488	504	132	77	265
1949	306	212	286	272	223	207	440	508	220	80	133	371
1950	323	149	179	170	168	268	620	720	529	168	78	127
1951	132	569	1738	1070	281	286	944	823	580	128	103	316

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	237	172	387	782	1523	1448	2381	2495	1372	1310	143	167
1953	134	121	559	833	183	834	1176	944	1012	597	141	142
1954	195	135	90	97	269	232	466	526	204	90	333	398
1955	348	260	281	334	341	381	273	405	329	103	247	374
1956	272	210	657	480	863	955	1119	1215	1102	401	102	140
1957	204	166	256	317	179	514	818	798	817	130	131	390
1958	249	197	268	309	1649	1131	1014	1583	1174	487	109	147
1959	131	185	289	219	247	232	293	274	172	312	454	337
1960	334	271	285	290	172	312	401	324	230	85	196	384
1961	294	146	165	195	210	181	286	291	250	375	200	93
1962	44	42	15	15	76	168	602	486	385	173	348	204
1963	325	175	178	189	591	220	385	739	449	147	94	100
1964	159	244	147	173	244	169	318	465	331	112	91	163
1965	319	116	804	431	213	220	619	725	571	231	159	139
1966	141	362	779	305	95	234	407	409	150	107	198	382
1967	276	198	212	191	1260	967	749	1450	1670	1057	126	162
1968	92	145	235	400	314	303	338	771	206	89	222	448
1969	283	188	291	1034	1653	1500	2143	2440	1261	374	104	149
1970	242	144	425	2098	1138	886	796	920	772	137	85	431
1971	263	219	295	460	983	887	985	1165	1209	486	92	228
1972	289	218	257	300	287	408	341	431	307	94	78	372
1973	224	176	177	356	225	292	564	1326	576	96	219	395
1974	271	291	680	1167	1192	922	1052	1206	989	392	92	199
1975	287	264	324	327	280	702	713	1268	1333	298	93	229
1976	217	166	391	315	305	338	238	274	354	475	465	477
1977	318	228	306	297	266	224	360	385	367	450	267	117
1978	13	33	84	183	156	371	419	712	676	254	98	198
1979	147	105	70	116	166	195	310	651	287	110	438	476
1980	300	117	99	578	427	268	608	903	620	312	111	155
1981	66	107	98	251	193	307	323	291	141	419	457	462
1982	341	608	750	287	2221	1744	1306	1533	1110	543	125	150
1983	316	1169	1440	1303	1646	1884	1913	2742	4243	1685	505	172
1984	146	2510	2130	1606	1623	1059	989	1130	892	196	103	386
1985	278	191	187	260	255	259	599	464	208	101	166	452
1986	313	231	269	224	2490	2288	2032	1426	886	173	102	347
1987	276	225	289	283	232	273	358	263	123	439	456	496
1988	344	147	183	182	178	127	325	299	400	259	127	44
1989	4	88	43	38	86	483	719	496	335	173	256	205
1990	115	114	46	69	76	205	448	264	194	97	34	50
1991	22	37	6	8	24	133	208	285	205	48	40	22
1992	35	59	18	17	77	105	261	126	29	19	8	32
1993	3	36	44	83	88	480	661	1002	630	203	45	58
1994	21	42	26	21	43	93	152	170	54	8	4	9
1995	17	59	35	216	247	727	666	1194	1214	660	157	157
1996	69	95	182	186	889	1076	1224	1504	820	163	92	437
1997	333	198	1597	4365	1773	1275	1245	1030	698	136	84	466
1998	311	243	301	181	1639	1587	1096	1084	1417	890	115	196
1999	285	175	273	764	1644	1699	1490	1366	1140	210	115	169
2000	299	217	294	200	247	315	612	1275	279	99	155	448

# Truckee River below Confluence of Little Truckee River (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	449	377	373	398	799	989	832	2265	1470	607	557	509
1902	552	398	397	398	394	490	1217	1611	1530	596	558	545
1903	767	400	407	397	416	489	882	1299	1266	585	520	498
1904	720	509	400	400	2442	3409	3320	4103	2795	565	558	516
1905	764	401	670	602	405	640	865	1160	1239	582	516	495
1906	741	403	403	390	1720	1838	3661	3415	2135	2203	556	559
1907	732	411	404	612	1786	2877	4696	5105	4369	2720	553	508
1908	840	403	924	665	411	519	786	1169	1087	581	517	497
1909	401	402	403	2135	1915	1279	1968	3108	2234	688	554	509
1910	776	764	1328	1352	408	1675	2018	1419	1042	579	520	502
1911	481	415	412	620	1696	1630	4039	3990	3409	1874	552	513
1912	727	403	395	396	405	496	623	852	770	586	519	499
1913	535	404	400	402	413	494	975	1321	997	643	518	498
1914	399	404	396	507	1679	1638	2414	3008	2102	733	556	546
1915	725	400	400	402	400	490	1107	1519	1589	580	552	541
1916	774	402	403	764	914	1656	3174	2449	1926	638	551	542
1917	755	404	402	403	676	790	1682	2126	1926	766	562	544
1918	724	397	402	400	403	513	872	1268	1074	579	516	490
1919	407	403	404	402	397	508	1321	1513	881	576	514	494
1920	413	396	401	433	523	509	920	1397	930	640	514	494
1921	401	359	352	381	381	553	556	848	939	548	519	498
1922	471	402	406	404	403	493	446	2028	1921	609	556	545
1923	671	398	403	406	399	524	805	1295	1054	576	514	493
1924	767	392	394	396	404	498	530	987	843	642	645	564
1925	500	378	378	300	441	460	727	819	789	527	517	492
1926	394	316	378	378	394	469	715	983	623	562	552	558
1927	362	352	304	312	394	724	1139	1702	1442	575	550	505
1928	488	389	397	352	354	1155	806	871	849	643	645	564
1929	468	427	375	382	378	417	692	955	611	558	553	559
1930	448	191	366	344	362	544	854	989	728	562	513	495
1931	393	358	228	178	176	290	419	532	419	203	124	77
1932	83	103	107	186	182	315	437	1073	1001	508	481	496
1933	476	116	168	158	169	240	468	553	1007	525	370	158
1934	149	202	194	209	213	498	521	503	222	167	136	79
1935	61	131	106	134	152	155	1044	1377	831	519	503	329
1936	184	171	174	223	279	534	1329	1350	838	500	496	494
1937	495	297	353	310	296	285	641	955	596	541	517	495
1938	595	301	790	295	311	348	1680	4096	2057	595	543	517
1939	542	400	395	394	398	515	724	808	774	743	518	477
1940	426	415	434	349	408	1007	1012	1423	768	581	504	484
1941	515	405	397	408	415	519	990	1448	1129	633	516	480
1942	839	402	655	1242	1726	1017	1808	1653	1884	585	547	514
1943	751	401	852	1606	2023	1952	2150	1574	1143	572	510	446
1944	753	390	383	401	399	506	601	1214	775	741	519	468
1945	394	395	412	403	401	511	539	837	685	526	516	467
1946	546	410	475	796	404	522	806	1431	876	734	513	469
1947	703	408	394	458	457	504	824	1017	844	642	647	539
1948	397	482	428	343	404	465	664	852	720	569	522	457
1949	482	351	346	326	352	313	610	629	633	560	544	475
1950	653	370	354	302	323	442	859	1077	950	602	501	469
1951	447	1360	2331	1335	623	503	1100	941	735	533	511	483



1952	674	410	486	848	1574	1525	3483	6075	2277	1902	537	489
1953	758	396	723	1090	587	1310	1759	2512	1846	1126	501	464
1954	1102	401	399	401	401	521	670	864	940	746	509	481
1955	418	482	384	457	473	510	791	824	844	564	507	477
1956	377	401	1129	849	1014	1226	1293	1776	1712	657	540	516
1957	721	398	398	398	400	648	841	1119	1400	590	546	520
1958	776	399	407	399	1796	1307	1196	3492	2090	742	532	508
1959	732	405	400	405	398	514	841	1060	951	733	643	563
1960	549	473	431	432	426	610	841	902	629	554	544	549
1961	474	349	326	291	307	304	477	513	556	533	359	259
1962	96	102	96	100	195	303	650	663	859	528	498	447
1963	632	345	441	365	1070	382	473	1030	669	513	476	473
1964	390	375	362	348	345	454	904	1374	1239	742	545	469
1965	398	413	1249	724	422	489	800	1125	887	596	506	467
1966	508	493	937	452	397	526	631	1043	845	650	644	477
1967	378	460	414	401	1355	1170	854	2671	3000	1756	534	481
1968	736	406	397	477	528	675	606	1193	768	580	520	500
1969	474	400	403	1315	1781	1669	3022	4447	2241	653	544	538
1970	697	391	615	3162	1611	1337	837	1340	1256	581	509	487
1971	723	413	412	553	1141	1252	1338	2568	2129	807	548	524
1972	750	397	402	404	411	689	662	1246	1128	743	518	498
1973	389	400	410	438	410	518	736	1705	867	701	521	489
1974	713	546	830	1527	1340	1168	1419	2257	1742	618	550	536
1975	742	402	406	400	400	804	738	2471	2362	605	556	515
1976	788	398	417	404	405	563	868	1006	849	643	646	563
1977	503	443	431	432	413	415	676	759	619	562	517	282
1978	150	169	275	361	304	459	494	1094	1148	529	493	456
1979	400	294	367	303	303	327	459	853	570	564	518	501
1980	574	316	328	1064	753	530	785	1530	1385	654	548	500
1981	428	393	397	400	409	513	538	812	956	639	642	493
1982	488	1003	1333	547	2900	2426	2206	3410	1913	886	545	509
1983	866	1439	1723	1519	1920	2809	2813	5276	6140	2523	813	524
1984	906	3361	2944	2115	1936	1713	1276	2064	1514	593	548	543
1985	766	404	398	398	402	521	739	1229	1077	575	520	497
1986	389	397	396	414	3222	3597	2693	2134	1539	484	539	513
1987	786	395	395	398	402	512	569	1062	950	644	646	567
1988	405	373	378	380	377	416	688	763	627	502	302	163
1989	142	276	214	194	329	901	914	991	972	590	496	499
1990	397	346	223	280	268	366	754	532	569	530	231	85
1991	76	101	97	98	104	312	508	514	530	437	140	81
1992	101	136	103	95	231	305	538	500	176	140	121	72
1993	57	99	148	239	245	694	871	1706	997	580	497	364
1994	384	116	123	199	232	420	582	705	385	247	216	153
1995	140	174	172	409	448	1233	1108	2037	1687	1062	503	497
1996	447	337	360	396	1634	1755	1897	2966	1419	514	553	549
1997	761	404	1940	6579	2217	2160	1883	1715	1122	539	583	550
1998	755	403	401	411	1736	1946	1507	2562	2290	1295	500	508
1999	729	407	397	845	1814	2295	1967	2808	2051	522	538	542
2000	760	395	394	406	431	540	976	1706	1092	609	511	494

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	58	30	146	63	176	105	65	646	433	247	147	59
1902	91	72	101	65	148	160	524	120	274	190	98	30
1903	199	30	38	58	121	200	325	201	159	147	48	42
1904	216	150	66	32	320	541	555	976	525	151	185	36
1905	329	81	51	71	97	211	130	318	218	131	59	42
1906	163	30	30	89	99	208	707	761	401	196	73	30
1907	230	30	30	30	161	366	891	1057	347	232	156	88
1908	299	72	58	74	71	180	201	536	516	209	41	30
1909	46	30	30	444	35	30	82	979	382	105	123	93
1910	283	138	110	135	129	384	393	230	328	127	36	30
1911	87	44	93	154	152	213	792	1093	568	208	117	37
1912	351	62	34	49	43	68	127	338	196	104	30	30
1913	42	43	30	30	50	107	377	694	523	223	42	30
1914	38	30	30	197	145	162	61	495	469	122	120	30
1915	305	30	30	52	78	157	349	187	267	201	104	30
1916	149	30	37	68	102	323	767	776	420	105	111	30
1917	276	33	59	38	53	126	305	407	356	70	105	30
1918	282	30	30	30	44	86	350	277	598	177	30	30
1919	101	30	30	59	88	121	606	60	231	185	30	30
1920	38	30	30	30	159	77	630	756	479	202	30	30
1921	40	47	57	147	167	406	184	47	30	148	50	30
1922	38	30	30	35	33	48	347	464	607	231	158	30
1923	76	30	30	56	53	167	420	206	196	165	30	45
1924	172	30	30	30	30	45	114	452	372	162	158	47
1925	108	110	107	31	194	162	261	63	205	131	32	30
1926	41	30	63	133	147	261	337	333	195	81	74	40
1927	113	106	78	102	234	275	61	30	48	148	156	40
1928	38	56	58	59	50	522	65	65	318	188	161	34
1929	38	96	123	127	118	198	317	493	244	125	73	30
1930	110	81	159	123	170	287	324	232	216	125	30	30
1931	32	38	93	104	48	108	149	154	205	126	80	30
1932	30	30	24	19	10	141	433	45	30	78	30	30
1933	30	30	30	55	110	127	198	320	441	30	104	76
1934	106	103	51	40	42	173	152	57	54	75	74	26
1935	27	30	30	69	59	42	462	237	30	36	37	61
1936	54	92	120	82	105	255	339	51	30	50	30	30
1937	30	30	33	106	134	182	281	60	30	145	30	30
1938	30	30	145	87	74	79	58	1198	425	81	157	30
1939	260	40	30	30	33	122	254	473	382	288	30	30
1940	30	30	167	68	111	351	156	57	72	203	162	58
1941	44	30	30	32	102	224	440	58	51	219	35	47
1942	202	30	183	74	93	152	387	423	419	75	82	30
1943	317	176	111	141	133	341	502	306	162	139	43	39
1944	234	85	30	30	30	74	193	821	374	292	30	30
1945	30	33	123	59	143	157	378	156	57	100	30	30
1946	138	86	91	72	39	216	232	63	113	250	30	33
1947	174	48	32	115	161	178	557	578	412	159	156	82
1948	46	110	97	63	97	144	351	515	133	140	30	30
1949	78	30	30	30	30	67	255	412	243	100	64	30
1950	75	119	89	73	106	152	329	71	30	198	30	30
1951	106	162	182	30	30	69	63	65	30	58	60	34

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	74	103	77	49	128	110	287	1250	381	181	112	35
1953	416	63	56	120	101	158	331	440	223	92	90	83
1954	418	53	45	46	30	134	315	258	506	278	30	30
1955	30	61	30	70	99	63	454	603	270	118	34	30
1956	38	30	485	30	30	30	56	30	189	81	78	30
1957	356	85	54	30	84	215	70	271	236	120	69	30
1958	248	102	75	30	119	109	376	1124	475	93	80	30
1959	377	95	48	72	45	134	353	727	537	260	163	113
1960	132	100	104	104	173	339	419	442	251	99	65	72
1961	181	74	38	30	32	51	93	153	134	54	71	30
1962	30	30	30	30	30	46	578	57	199	30	44	30
1963	30	48	154	30	30	30	68	44	30	68	30	30
1964	105	88	30	42	30	171	761	705	739	302	81	34
1965	61	106	524	30	64	114	65	37	30	210	66	74
1966	57	41	34	39	40	155	161	498	415	199	218	30
1967	30	49	86	76	121	375	58	444	670	346	96	30
1968	314	106	40	43	208	206	225	194	330	109	35	34
1969	66	30	46	140	97	135	573	1164	559	81	101	30
1970	283	97	137	542	204	280	85	272	210	137	42	30
1971	170	152	91	97	78	177	336	868	572	171	78	30
1972	301	51	64	52	52	285	197	667	672	285	30	30
1973	68	35	93	137	82	114	439	53	30	217	30	79
1974	54	137	121	210	30	62	226	587	414	91	83	30
1975	297	30	35	37	71	88	121	675	554	138	82	43
1976	321	67	48	46	30	84	400	636	394	153	172	49
1977	102	96	100	106	106	145	220	301	163	82	155	128
1978	106	85	68	86	68	278	30	30	30	88	31	34
1979	30	30	95	63	43	96	223	42	99	116	32	30
1980	30	71	82	37	30	52	30	81	365	114	162	50
1981	197	39	42	36	85	88	190	596	502	157	159	30
1982	30	414	30	30	30	293	552	873	440	128	85	73
1983	397	123	135	110	152	352	502	1460	1124	472	132	40
1984	420	416	376	228	144	329	213	548	319	174	89	30
1985	139	93	40	48	52	134	393	407	721	184	30	30
1986	30	30	30	81	287	553	475	425	286	44	82	30
1987	275	36	38	49	66	112	198	518	501	168	169	52
1988	31	88	124	131	121	189	247	358	171	104	154	90
1989	109	113	104	91	129	607	53	299	216	145	30	30
1990	41	53	98	127	122	179	332	151	99	54	101	31
1991	38	30	30	30	30	112	139	234	167	36	47	30
1992	43	30	29	24	30	88	179	84	102	87	86	10
1993	23	17	42	57	54	316	49	30	30	170	37	30
1994	30	30	30	38	128	186	328	433	211	207	181	112
1995	115	36	74	134	161	30	30	30	79	30	52	30
1996	282	38	100	100	370	337	388	785	236	81	85	30
1997	210	88	194	867	151	327	247	328	147	88	119	30
1998	156	38	38	97	103	294	233	805	488	189	46	45
1999	331	76	74	103	78	249	321	827	439	129	95	30
2000	191	34	32	84	134	203	268	250	271	148	30	30

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	121	57	52	29	165	247	268	636	542	112	8	70
1902	60	31	54	26	64	55	273	528	427	56	39	47
1903	23	5	17	39	50	87	210	453	372	56	39	22
1904	33	110	14	9	230	411	394	675	578	144	30	48
1905	37	26	32	57	43	146	182	321	293	39	31	21
1906	42	7	9	47	50	135	422	794	761	289	19	8
1907	17	5	5	5	66	341	517	702	757	382	72	43
1908	36	16	30	41	33	96	181	231	266	54	12	16
1909	25	5	8	326	85	88	379	630	725	181	30	55
1910	63	117	99	60	57	250	319	363	190	18	13	15
1911	35	13	27	56	53	91	444	762	1092	346	37	50
1912	26	16	14	22	5	14	66	383	354	40	17	38
1913	20	18	10	8	7	36	158	398	204	39	22	35
1914	18	6	9	144	75	268	471	693	611	138	38	17
1915	23	5	7	13	21	65	264	564	473	96	25	21
1916	51	6	12	29	51	252	507	553	587	165	50	40
1917	28	12	25	8	12	40	281	593	583	125	45	35
1918	25	8	10	8	10	36	234	358	221	5	4	29
1919	44	18	19	16	25	54	359	569	153	13	3	30
1920	23	5	10	9	6	31	130	403	196	16	4	30
1921	26	31	24	50	50	189	210	419	414	64	9	29
1922	22	9	11	20	9	12	143	729	713	114	3	25
1923	17	5	10	14	15	84	224	520	321	88	3	26
1924	21	5	7	7	16	5	35	89	11	2	6	4
1925	21	10	9	9	99	103	185	395	209	20	5	34
1926	29	8	16	15	24	88	181	229	66	3	8	23
1927	20	29	37	47	108	185	294	602	653	123	7	32
1928	30	42	31	26	16	315	205	406	105	5	4	17
1929	18	7	15	9	5	39	65	288	148	17	6	24
1930	21	5	55	28	43	101	222	305	223	14	11	27
1931	22	9	8	8	5	42	46	129	45	42	46	6
1932	9	6	10	30	21	68	213	491	421	86	33	5
1933	9	6	9	9	32	9	88	207	354	22	8	5
1934	13	8	12	18	24	129	83	92	78	57	29	6
1935	26	36	9	13	11	14	244	463	385	70	30	3
1936	8	6	21	31	34	130	352	524	355	54	3	14
1937	13	9	7	32	38	72	216	452	236	17	3	26
1938	21	8	226	31	46	60	395	895	804	160	9	35
1939	33	14	10	9	5	59	124	204	60	20	6	6
1940	14	5	9	51	65	261	303	490	286	34	30	42
1941	27	18	30	35	74	129	151	483	325	71	11	62
1942	33	10	104	108	67	86	297	437	502	106	18	19
1943	26	57	73	117	89	206	343	415	264	62	24	22
1944	23	26	17	8	5	27	105	381	168	14	3	21
1945	19	15	46	26	86	61	197	436	257	16	6	33
1946	32	42	68	141	15	114	274	444	224	18	7	33
1947	29	30	22	21	46	82	185	256	56	5	4	19
1948	34	14	14	60	24	21	147	346	355	39	7	27
1949	19	14	13	13	14	19	220	387	100	6	5	22
1950	19	12	14	27	37	74	294	547	360	71	7	30
1951	41	460	378	103	132	104	284	372	128	14	8	32

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	34	32	37	28	29	41	363	902	810	359	57	45
1953	17	22	32	85	55	83	281	382	547	194	20	26
1954	43	28	26	27	28	113	308	377	51	31	8	7
1955	13	19	18	16	15	27	73	349	223	12	7	31
1956	28	17	349	155	84	100	288	663	476	119	15	29
1957	39	32	29	24	48	94	191	460	323	29	18	19
1958	31	25	35	27	61	72	155	884	573	139	19	38
1959	30	14	22	55	43	79	200	179	79	13	6	24
1960	19	8	10	11	38	132	274	233	135	9	6	29
1961	21	10	12	11	24	39	97	185	112	7	6	27
1962	22	9	14	11	28	28	274	346	249	29	16	18
1963	179	64	115	137	467	94	131	507	315	48	10	40
1964	33	91	40	37	24	43	198	372	172	18	7	30
1965	21	17	438	138	103	102	291	491	424	120	53	53
1966	16	29	29	33	29	64	284	319	32	7	6	27
1967	21	35	59	53	58	144	75	579	954	386	27	43
1968	35	23	21	30	107	114	215	267	81	31	18	7
1969	17	38	25	89	64	59	300	941	669	131	30	16
1970	32	16	108	392	134	112	163	400	242	23	23	7
1971	31	47	52	56	58	78	184	551	664	224	31	20
1972	43	24	31	24	23	170	190	332	173	10	6	35
1973	28	29	95	80	41	62	253	602	261	9	5	26
1974	35	133	104	211	79	167	226	634	494	121	23	31
1975	30	26	33	30	27	42	50	576	724	134	23	31
1976	51	40	31	27	22	38	62	143	23	6	10	18
1977	25	10	6	13	14	17	22	30	24	7	7	22
1978	17	9	30	34	19	108	188	551	476	95	10	53
1979	22	14	13	45	18	51	119	381	152	16	7	29
1980	27	14	20	216	106	72	277	652	461	143	16	27
1981	49	31	30	29	43	52	74	182	35	31	6	7
1982	12	259	346	101	370	177	338	781	585	173	24	54
1983	116	67	76	55	61	162	178	720	1249	437	103	55
1984	46	276	221	145	84	199	238	589	408	65	30	24
1985	29	63	51	43	38	57	227	327	102	25	8	33
1986	28	24	34	70	352	512	374	509	381	52	28	20
1987	43	39	37	38	38	54	85	144	26	12	8	14
1988	17	14	26	22	19	36	76	83	33	6	5	27
1989	28	30	24	14	27	198	293	329	222	17	8	32
1990	41	22	18	29	16	67	151	157	84	9	6	27
1991	20	6	8	10	12	51	59	218	165	22	27	8
1992	28	13	12	12	20	32	137	89	100	102	70	14
1993	16	7	17	24	13	83	212	613	393	125	37	10
1994	11	11	18	16	13	35	115	125	72	77	25	5
1995	30	12	15	64	61	205	198	629	1023	456	53	18
1996	34	22	81	66	237	140	292	748	270	30	23	21
1997	25	68	185	550	91	174	347	468	160	18	22	17
1998	28	19	25	59	59	124	184	396	634	234	32	26
1999	29	46	44	57	82	70	163	688	506	64	34	23
2000	27	25	21	53	86	71	264	418	124	30	7	11

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	45	62	20	25	65	99	85	98	83	10	3	53
1902	33	56	21	26	30	38	76	53	60	3	2	54
1903	26	40	14	15	31	43	70	49	53	4	2	54
1904	27	75	21	12	76	131	122	120	102	15	2	56
1905	52	52	14	27	32	49	66	40	23	2	2	53
1906	22	43	10	22	39	57	130	175	161	34	2	52
1907	15	35	6	3	24	90	160	155	167	43	8	3
1908	80	49	13	21	25	39	65	33	7	2	2	52
1909	19	42	9	96	104	35	106	114	136	19	2	2
1910	91	78	42	40	37	73	114	42	15	2	3	21
1911	42	48	13	25	34	42	109	146	222	34	3	57
1912	29	49	13	12	14	17	12	38	29	2	2	53
1913	19	50	12	7	12	21	53	41	13	2	2	53
1914	15	43	9	41	60	71	144	122	105	14	2	54
1915	24	40	6	12	20	26	86	60	72	8	2	54
1916	25	43	11	13	26	66	137	82	87	15	2	54
1917	22	47	12	13	15	21	82	69	94	11	2	54
1918	23	44	13	8	14	20	69	39	10	3	3	43
1919	35	50	13	17	19	31	96	93	21	2	3	49
1920	16	40	11	11	14	20	41	44	16	2	3	49
1921	16	53	13	24	34	62	79	45	55	5	3	52
1922	17	45	10	12	15	18	37	145	128	10	3	51
1923	14	40	11	13	20	31	77	68	47	8	3	51
1924	18	40	6	6	19	2	2	2	3	3	3	30
1925	2	40	8	10	33	55	59	40	7	2	3	49
1926	21	44	12	15	16	16	66	24	2	3	2	36
1927	2	48	16	28	50	73	95	89	116	11	2	53
1928	24	57	15	21	19	68	87	42	2	3	3	44
1929	8	44	13	11	11	2	35	33	2	2	3	43
1930	8	41	20	27	27	45	74	35	3	2	2	50
1931	10	39	8	10	9	2	32	5	2	7	7	3
1932	22	36	6	15	25	47	82	65	98	6	3	52
1933	14	39	11	12	5	13	24	36	31	3	3	52
1934	3	48	11	12	20	50	24	2	2	3	3	33
1935	3	32	13	16	6	17	55	98	68	2	3	2
1936	69	38	3	14	28	47	111	102	50	3	3	3
1937	54	35	3	3	9	23	59	67	36	2	3	15
1938	38	47	65	62	23	46	82	126	173	23	3	50
1939	30	41	7	5	6	12	34	2	2	3	3	15
1940	9	37	8	14	23	59	117	83	35	2	6	6
1941	76	42	12	15	25	31	41	63	39	2	2	55
1942	35	39	26	39	33	29	54	47	108	4	3	51
1943	11	62	22	33	38	67	123	42	29	5	3	50
1944	13	44	4	12	10	15	25	46	28	2	2	21
1945	37	53	15	31	36	31	69	62	33	2	2	52
1946	22	55	29	57	31	15	83	64	27	3	3	41
1947	13	55	9	10	23	49	51	29	2	2	3	2
1948	50	37	3	25	18	17	57	49	66	2	2	52
1949	11	42	7	19	20	22	34	51	15	3	3	3
1950	51	41	3	19	30	52	98	80	57	5	3	51
1951	20	174	164	45	16	2	37	19	2	3	3	45

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	6	40	15	21	22	24	101	189	158	33	2	54
1953	20	43	15	30	34	41	76	44	70	17	2	2
1954	77	51	12	15	16	36	72	38	2	3	3	17
1955	29	48	14	10	11	20	27	36	13	2	3	31
1956	29	47	92	124	44	58	103	77	77	8	2	53
1957	29	58	14	21	33	50	51	49	52	8	2	52
1958	25	49	13	15	31	51	81	163	106	13	2	55
1959	22	42	8	11	13	2	20	15	2	2	3	43
1960	30	35	2	3	29	61	77	30	2	3	3	38
1961	3	33	2	2	20	24	25	30	5	2	3	18
1962	42	41	10	11	18	36	113	54	49	2	3	50
1963	101	46	28	41	122	94	35	93	47	2	3	2
1964	64	75	25	21	19	20	52	43	24	2	2	51
1965	13	40	173	150	13	44	104	57	61	7	4	2
1966	68	45	13	13	16	31	75	30	2	2	3	22
1967	9	57	36	44	28	57	36	120	211	41	2	54
1968	16	42	19	25	53	63	37	32	2	2	2	48
1969	19	53	22	56	55	34	101	204	113	13	2	53
1970	22	38	31	151	106	28	44	45	36	2	2	49
1971	25	57	28	43	35	44	86	103	103	10	2	2
1972	74	44	15	28	51	78	88	2	4	2	3	50
1973	36	50	21	40	38	32	48	95	29	2	3	48
1974	23	79	40	84	87	65	60	101	74	20	3	50
1975	14	41	15	24	35	44	27	46	133	9	2	14
1976	91	58	14	7	12	2	22	17	2	2	2	40
1977	3	33	6	7	10	2	2	2	2	3	0	27
1978	3	22	18	36	35	56	72	86	92	10	3	29
1979	28	37	2	15	23	30	53	65	24	2	3	37
1980	24	39	14	85	109	38	88	74	85	11	3	50
1981	14	37	14	4	23	20	46	25	2	3	3	13
1982	16	131	142	72	91	108	101	138	95	16	2	7
1983	117	64	29	37	39	73	64	118	281	57	9	55
1984	32	131	110	62	36	52	73	75	50	4	3	52
1985	14	60	15	11	19	22	90	34	2	2	3	20
1986	23	35	12	43	163	193	131	49	41	2	3	2
1987	68	36	4	9	17	2	35	7	2	3	3	37
1988	3	28	12	15	13	2	14	2	2	2	3	38
1989	3	44	14	15	21	104	162	39	10	2	3	50
1990	28	51	12	15	21	17	82	2	2	2	3	34
1991	20	36	2	2	8	28	38	36	5	2	25	11
1992	33	42	8	6	19	13	32	2	5	4	4	30
1993	2	33	13	22	27	71	123	131	89	8	3	52
1994	16	38	7	7	13	2	23	5	10	3	3	5
1995	16	44	12	46	72	108	121	152	185	53	2	55
1996	16	38	26	40	92	100	100	147	39	2	3	49
1997	11	63	94	238	96	41	112	39	6	2	3	50
1998	12	42	9	28	42	69	85	66	176	25	2	55
1999	18	58	17	36	47	54	73	145	93	5	2	52
2000	14	40	5	21	47	56	100	45	8	3	3	25

# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	135	111	65	64	174	175	5	219	85	41	263	5
1902	169	61	99	36	101	49	5	105	84	49	28	38
1903	328	12	37	41	52	98	66	196	26	54	44	12
1904	313	74	68	20	83	238	99	541	290	115	31	16
1905	331	30	36	45	52	104	66	98	118	40	13	10
1906	353	40	15	83	100	110	150	364	5	5	5	5
1907	294	5	5	5	54	206	318	590	126	195	58	21
1908	331	20	28	30	38	78	27	325	72	167	10	8
1909	15	18	13	167	63	92	79	615	146	96	28	18
1910	375	113	109	68	91	119	5	50	409	5	11	20
1911	48	27	29	58	64	95	286	608	252	176	33	18
1912	333	20	20	23	19	31	79	66	66	144	31	17
1913	125	20	20	18	22	50	159	177	68	203	47	10
1914	7	22	18	5	49	168	130	527	249	109	28	8
1915	326	13	13	13	38	80	89	207	145	42	11	5
1916	360	37	21	62	107	181	72	297	81	26	45	33
1917	346	37	59	18	35	40	5	173	113	40	38	26
1918	336	20	23	16	31	42	49	330	32	127	9	10
1919	33	29	31	28	47	59	146	223	316	96	9	7
1920	22	12	21	18	24	34	42	225	46	176	7	7
1921	13	40	37	57	72	129	57	179	174	171	151	7
1922	83	24	29	36	32	46	180	441	189	51	112	5
1923	218	13	24	26	38	73	34	208	95	45	5	5
1924	316	5	5	7	26	29	45	75	5	5	5	5
1925	27	20	16	18	71	74	5	13	163	236	11	10
1926	12	13	26	15	36	39	5	167	166	5	5	10
1927	10	30	33	44	34	136	89	355	166	43	254	6
1928	88	29	26	29	33	210	5	45	293	25	5	5
1929	56	13	21	16	18	39	61	143	46	31	5	10
1930	16	13	55	34	58	85	39	200	62	245	28	5
1931	10	20	15	16	67	49	71	88	22	7	6	4
1932	9	15	23	39	45	77	5	146	156	154	13	7
1933	218	17	18	16	16	57	98	125	141	112	10	5
1934	8	13	72	82	43	104	89	50	16	14	6	4
1935	6	16	13	23	27	27	148	317	48	145	24	5
1936	10	15	16	34	56	71	165	205	125	237	64	5
1937	64	10	13	42	61	88	51	135	123	173	27	5
1938	159	18	239	38	35	61	360	662	103	45	227	5
1939	127	24	18	13	14	49	89	49	29	5	26	5
1940	33	10	21	70	90	174	140	207	111	190	54	10
1941	133	59	37	62	127	109	137	13	105	52	13	42
1942	327	34	64	87	84	69	104	150	167	38	7	5
1943	321	42	64	79	90	173	140	89	98	41	13	10
1944	322	15	15	15	14	31	82	185	34	128	7	7
1945	8	34	20	15	5	79	5	100	115	193	8	8
1946	178	40	31	48	36	101	105	130	98	48	6	8
1947	316	39	33	20	50	76	83	119	93	5	5	5
1948	18	18	11	10	10	20	101	94	5	150	30	5
1949	73	17	10	11	14	31	9	23	100	74	5	5
1950	233	12	15	15	41	111	69	208	154	163	172	5
1951	56	266	213	86	140	112	5	5	57	54	11	10



# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	303	39	41	32	48	54	404	666	102	122	36	15
1953	338	18	20	92	48	77	52	307	35	67	17	12
1954	334	137	23	24	36	114	134	176	42	5	10	8
1955	28	17	20	15	18	39	83	173	123	132	9	7
1956	8	15	247	154	73	95	106	348	196	70	19	13
1957	342	27	28	24	61	104	5	64	137	35	10	5
1958	334	24	31	26	75	59	73	564	170	54	20	13
1959	329	17	16	57	43	75	126	75	35	5	5	5
1960	68	8	10	13	71	127	171	77	42	214	5	9
1961	7	13	42	13	40	39	103	124	121	9	3	4
1962	9	12	15	18	58	39	26	78	100	276	11	7
1963	198	43	70	53	406	77	54	196	129	215	195	17
1964	8	71	49	33	31	52	148	195	66	208	5	5
1965	5	20	313	109	86	126	126	202	154	53	211	73
1966	131	39	29	32	183	99	125	97	168	5	5	8
1967	10	49	62	57	5	161	95	557	196	137	25	16
1968	353	24	28	37	123	128	91	146	109	5	11	7
1969	75	42	31	104	64	53	356	464	137	56	13	13
1970	322	27	90	335	111	118	5	40	136	35	13	5
1971	319	62	50	58	63	97	72	400	147	75	15	13
1972	325	32	31	31	38	189	89	194	60	248	6	13
1973	20	39	75	5	50	65	76	185	122	19	10	6
1974	317	135	71	196	72	171	51	248	167	65	17	5
1975	343	20	24	26	36	55	5	406	134	64	15	5
1976	347	87	5	24	31	59	81	81	5	5	5	5
1977	46	15	19	15	23	28	39	25	25	5	87	6
1978	7	12	92	106	34	40	59	213	171	64	316	55
1979	7	15	15	36	31	47	103	5	52	172	27	8
1980	171	18	23	232	125	87	96	237	141	77	212	117
1981	40	18	29	29	58	55	108	58	25	5	5	5
1982	85	241	263	87	275	157	172	451	182	85	36	40
1983	401	66	66	58	75	201	218	567	279	177	74	18
1984	356	214	183	115	81	153	26	215	142	66	14	13
1985	328	48	34	30	36	56	70	315	65	25	25	13
1986	15	23	30	72	402	365	112	182	164	58	13	7
1987	339	17	20	20	38	53	57	141	42	5	5	5
1988	15	11	25	24	30	52	51	36	25	97	5	6
1989	7	32	26	23	41	250	90	117	279	219	5	14
1990	28	25	22	34	29	76	103	28	226	37	5	8
1991	8	11	10	12	16	55	96	130	106	30	9	7
1992	12	17	16	18	42	65	121	77	18	8	5	5
1993	10	13	21	32	33	43	129	330	190	106	8	5
1994	285	13	20	19	22	61	74	57	77	8	5	5
1995	8	16	19	58	87	289	259	470	106	162	204	147
1996	54	15	69	52	216	157	127	319	128	51	9	5
1997	308	56	147	537	92	200	104	107	121	34	5	5
1998	315	25	25	56	46	160	57	479	83	91	20	27
1999	335	40	51	59	80	150	82	395	198	67	19	13
2000	333	20	20	44	64	107	72	65	416	5	9	5

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	42	13	15	10	7	49	46	78	76	28	3	35
1902	24	11	15	10	9	15	46	58	57	16	20	18
1903	20	2	8	12	7	22	40	56	53	17	24	15
1904	21	21	7	6	30	69	67	82	83	37	11	36
1905	27	13	11	14	6	31	31	44	40	12	21	15
1906	17	4	6	16	8	36	91	104	125	72	19	8
1907	14	2	2	2	2	65	98	92	121	82	24	28
1908	31	7	9	12	4	22	32	34	37	29	2	11
1909	16	2	5	46	12	21	67	78	104	43	12	41
1910	24	23	20	16	9	50	60	46	25	11	6	2
1911	26	7	9	14	7	21	73	89	152	68	13	39
1912	20	7	7	7	2	3	5	41	48	16	2	27
1913	16	8	6	5	2	9	29	46	28	11	4	29
1914	15	3	5	24	10	49	82	83	85	34	21	16
1915	18	2	5	6	2	16	49	59	65	24	22	17
1916	19	3	6	8	7	44	84	64	73	36	23	16
1917	16	6	8	5	2	11	50	64	82	31	23	15
1918	18	4	6	5	2	9	41	42	29	5	2	22
1919	24	9	9	7	3	15	64	69	16	3	2	27
1920	17	2	6	6	2	8	21	50	24	4	2	26
1921	18	10	9	14	8	42	38	52	62	19	2	27
1922	16	6	6	7	2	4	20	92	99	27	2	25
1923	13	2	6	7	2	21	41	64	45	24	2	25
1924	17	2	5	4	2	2	3	7	2	2	2	2
1925	15	6	5	6	14	24	32	44	25	5	2	29
1926	22	4	9	7	2	20	29	26	2	2	2	20
1927	15	7	13	14	17	39	55	74	98	32	4	31
1928	22	11	11	11	2	58	36	47	5	2	2	16
1929	14	4	7	6	2	8	8	34	11	3	2	23
1930	15	2	15	12	6	25	41	38	30	2	2	25
1931	16	4	5	5	2	10	9	15	2	40	41	2
1932	2	2	6	10	2	2	5	64	65	43	26	2
1933	2	2	5	5	28	2	2	22	59	4	2	2
1934	8	5	6	8	4	30	15	5	26	47	23	2
1935	22	32	6	7	2	2	25	2	37	35	26	2
1936	2	2	17	11	2	15	65	66	51	25	2	13
1937	9	6	5	10	5	19	37	57	34	5	2	24
1938	15	4	24	9	13	15	64	103	110	37	5	33
1939	21	7	6	5	2	13	19	12	2	14	2	2
1940	9	2	7	13	6	50	55	65	37	6	12	32
1941	18	6	9	12	10	30	26	68	47	17	2	29
1942	24	6	20	19	10	23	57	56	77	26	17	11
1943	20	13	16	22	12	44	63	53	37	16	17	11
1944	16	3	6	5	2	7	17	55	25	12	2	16
1945	14	5	10	11	14	16	40	62	38	7	2	25
1946	18	11	15	17	2	29	58	64	32	7	2	25
1947	15	7	7	6	8	23	29	38	18	2	2	16
1948	19	2	5	12	2	3	20	48	53	9	2	22
1949	13	3	5	5	2	6	33	45	13	2	2	19
1950	14	3	5	11	9	28	57	71	60	17	2	25
1951	22	63	45	22	33	25	36	51	23	6	2	25

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	21	9	9	7	2	13	92	109	123	65	13	34
1953	7	11	12	16	6	27	41	49	73	42	3	15
1954	31	8	8	7	10	23	38	52	9	26	2	2
1955	7	7	7	6	2	8	12	43	36	4	2	25
1956	21	6	44	22	18	34	56	74	2	32	6	23
1957	22	11	10	7	10	26	23	56	51	17	12	13
1958	17	5	10	4	5	13	16	117	96	36	7	31
1959	21	2	12	13	9	21	23	25	13	9	2	17
1960	13	2	3	3	6	32	35	40	25	2	2	26
1961	16	3	4	4	6	16	21	28	23	2	2	23
1962	15	2	7	5	4	14	61	45	42	15	11	14
1963	38	12	17	16	69	22	32	67	52	16	3	32
1964	21	15	12	10	2	14	29	47	33	7	2	25
1965	14	6	52	26	23	31	57	64	67	30	12	36
1966	9	6	11	12	10	25	38	41	4	2	2	24
1967	17	9	15	14	12	41	16	95	148	74	10	35
1968	22	9	7	9	17	27	27	37	16	27	12	2
1969	8	6	6	15	4	14	79	124	96	30	18	10
1970	19	2	7	64	28	20	31	50	46	7	16	2
1971	24	8	9	10	6	22	37	64	105	45	18	14
1972	29	3	5	5	2	32	42	45	37	2	2	27
1973	14	2	6	21	5	24	53	77	31	4	2	19
1974	26	47	47	28	15	28	25	73	78	34	19	14
1975	13	4	7	7	2	10	4	71	101	34	19	25
1976	29	11	11	11	2	2	2	21	8	2	2	12
1977	14	2	2	6	2	5	2	2	2	2	2	16
1978	13	4	8	11	2	34	34	46	78	32	2	29
1979	17	2	2	19	3	20	22	48	26	4	2	23
1980	19	4	9	29	18	19	40	81	66	36	2	7
1981	43	20	12	12	2	12	3	31	2	26	2	2
1982	5	58	55	19	43	25	37	101	93	41	9	36
1983	39	6	26	13	13	13	21	86	167	84	21	37
1984	22	43	28	10	10	51	34	82	60	19	19	13
1985	19	8	12	13	4	16	24	52	13	3	2	25
1986	17	2	3	11	48	80	63	54	51	15	19	10
1987	29	15	15	14	3	13	6	3	2	5	2	7
1988	13	4	8	7	2	14	4	9	2	2	2	22
1989	22	10	14	3	2	29	55	55	43	5	2	25
1990	24	10	7	12	2	17	30	19	7	2	2	20
1991	14	2	3	5	2	14	4	30	26	11	19	2
1992	20	6	5	6	2	5	23	10	77	98	64	8
1993	10	4	10	10	2	2	2	2	2	53	27	2
1994	2	3	8	6	2	3	16	20	54	71	22	2
1995	26	6	8	23	2	2	2	8	133	87	16	11
1996	25	12	25	20	38	33	36	114	57	15	16	14
1997	16	21	45	96	15	28	51	82	36	9	16	10
1998	18	6	8	19	13	23	21	50	110	55	23	16
1999	18	14	12	16	11	15	19	92	84	22	20	13
2000	17	7	6	15	12	16	40	64	27	22	2	2

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	444	377	383	413	832	998	774	2141	1397	556	534	493
1902	551	411	405	405	409	524	1164	1533	1496	561	536	527
1903	763	409	405	424	413	512	820	1185	1235	559	500	482
1904	713	529	405	404	2495	3483	3241	4050	2797	552	533	491
1905	759	411	681	618	409	645	842	1188	1175	559	499	482
1906	736	410	405	448	1745	1823	3609	3334	2071	2167	534	538
1907	725	415	420	636	1774	2972	4667	5076	4227	2681	530	490
1908	839	411	949	678	408	511	743	1188	1036	555	498	482
1909	397	410	405	2176	1951	1321	1898	3081	2148	633	533	491
1910	776	782	1363	1385	443	1678	1967	1413	1036	553	497	482
1911	476	424	420	712	1735	1677	3995	3770	3362	1839	530	490
1912	720	411	407	407	405	514	642	788	739	560	499	482
1913	534	410	405	419	415	504	934	1255	937	616	498	482
1914	397	410	417	658	1727	1648	2379	2806	1988	709	529	527
1915	718	410	408	409	451	518	1032	1461	1554	553	533	525
1916	767	409	408	880	966	1668	3132	2388	1865	608	531	524
1917	752	411	413	406	708	819	1642	2067	1886	738	533	525
1918	724	409	406	405	421	542	795	1182	1037	556	498	483
1919	397	410	406	405	461	534	1218	1357	839	553	498	482
1920	414	410	428	438	525	511	876	1303	899	618	498	482
1921	397	362	370	416	410	570	586	843	840	506	499	482
1922	470	409	421	408	497	546	503	2009	1811	552	533	527
1923	670	411	443	443	420	507	738	1177	1019	552	496	480
1924	774	410	406	406	405	509	526	954	821	618	627	551
1925	503	393	386	304	449	461	669	752	768	509	499	482
1926	399	333	385	386	404	471	648	929	591	538	537	546
1927	362	388	306	306	405	710	1038	1571	1382	555	535	493
1928	492	411	406	355	354	1146	753	799	820	618	627	551
1929	469	442	382	386	386	418	660	880	589	538	537	546
1930	449	203	370	352	369	530	769	922	710	538	500	482
1931	397	374	234	183	177	284	431	479	398	207	131	83
1932	94	115	142	224	212	307	493	968	920	474	478	482
1933	480	136	181	188	186	244	486	530	936	512	362	163
1934	158	210	215	221	223	491	490	478	215	181	152	86
1935	70	141	113	150	153	159	975	1271	761	508	500	313
1936	196	183	181	225	364	522	1221	1205	795	474	478	482
1937	497	309	363	318	345	318	643	902	537	513	498	482
1938	596	310	812	311	410	479	1568	3911	1981	563	529	509
1939	533	410	406	410	409	509	678	788	740	718	499	484
1940	431	428	442	405	480	1049	1014	1301	739	552	496	482
1941	518	411	430	419	422	509	927	1305	1076	597	498	482
1942	832	410	689	1317	1745	1036	1747	1590	1765	552	532	533
1943	748	427	869	1706	2044	1937	2090	1465	1102	552	494	482
1944	749	411	407	409	425	528	597	1185	737	718	498	482
1945	397	421	408	405	462	530	550	812	635	503	498	482
1946	566	414	517	907	409	518	814	1371	838	718	498	482
1947	712	435	410	460	449	510	820	965	821	618	627	551
1948	397	492	435	362	436	468	663	804	647	538	500	482
1949	475	359	358	334	365	328	546	600	590	538	537	482
1950	648	372	367	339	349	440	794	1036	880	568	499	482
1951	443	1468	2305	1358	637	512	1035	889	679	502	497	482

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	685	412	536	932	1622	1587	3398	6128	2171	1866	528	488
1953	751	415	779	1113	641	1340	1668	2590	1870	1147	533	491
1954	1091	411	406	409	422	530	670	784	920	718	498	482
1955	419	504	412	471	479	505	806	832	782	538	500	482
1956	397	421	1158	942	1040	1205	1317	1729	1585	609	530	522
1957	707	414	406	410	417	664	860	1147	1342	557	534	529
1958	777	411	411	411	1802	1344	1277	3462	1969	696	531	515
1959	719	415	405	408	440	514	851	1021	920	718	627	561
1960	542	490	446	447	458	610	869	868	591	538	537	546
1961	475	377	353	313	306	308	491	482	514	509	350	296
1962	106	115	111	110	247	336	716	625	809	508	500	482
1963	688	356	432	368	1167	386	515	1063	660	488	478	482
1964	404	383	371	358	357	461	947	1372	1174	718	528	482
1965	398	433	1331	772	425	510	837	1043	820	552	492	482
1966	523	535	983	474	407	506	668	990	821	618	627	482
1967	397	473	425	452	1361	1220	905	2656	2832	1663	529	500
1968	751	409	410	487	504	669	633	1131	738	559	499	482
1969	481	410	411	1424	1861	1689	3058	4277	2105	615	532	532
1970	727	410	628	3105	1628	1341	867	1261	1187	552	497	482
1971	752	423	432	559	1136	1241	1399	2582	2014	746	530	506
1972	762	413	432	413	407	667	688	1191	1066	718	498	482
1973	407	411	411	449	430	516	732	1643	805	677	504	478
1974	725	557	838	1485	1328	1217	1359	2147	1644	567	533	532
1975	741	412	406	405	425	831	763	2355	2225	554	532	491
1976	794	410	417	405	408	580	876	954	821	618	627	549
1977	513	458	435	435	416	415	656	724	591	538	501	280
1978	160	176	284	374	330	479	543	1062	1046	479	479	483
1979	419	311	377	308	314	324	483	755	524	538	500	482
1980	579	347	336	1036	764	524	816	1376	1303	601	532	491
1981	438	409	408	410	407	508	524	795	920	618	627	482
1982	498	971	1254	565	2800	2402	2232	3255	1831	834	528	492
1983	870	1447	1715	1556	1981	2782	2871	5133	5911	2446	764	507
1984	912	3343	2917	2109	1945	1715	1293	1994	1419	552	532	531
1985	782	425	407	406	408	517	768	1189	1037	557	499	482
1986	406	411	412	407	3227	3621	2783	2112	1468	463	521	498
1987	801	409	407	408	408	508	523	1024	921	618	627	551
1988	411	391	388	389	387	417	656	724	591	481	298	170
1989	152	283	223	204	338	939	917	929	914	568	489	482
1990	397	356	240	287	273	346	745	479	524	508	223	88
1991	86	115	110	110	113	306	495	478	476	403	146	86
1992	114	150	118	109	233	300	490	461	175	146	128	81
1993	64	113	152	243	249	651	906	1551	938	538	480	360
1994	400	134	137	213	239	417	589	673	380	254	225	161
1995	147	185	182	415	434	1243	1146	1970	1579	965	483	482
1996	457	357	360	395	1667	1795	1896	2812	1374	494	529	530
1997	775	409	1936	6585	2288	2158	1838	1614	1083	516	572	546
1998	770	409	408	408	1736	1925	1491	2556	2155	1233	482	495
1999	749	408	415	861	1857	2285	2020	2785	1944	495	523	528
2000	781	408	407	409	430	518	991	1633	1048	590	500	484

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	443	389	390	431	886	1017	781	2097	1343	505	484	446
1902	515	396	386	384	393	528	1133	1481	1443	510	486	481
1903	727	393	385	428	403	501	790	1133	1181	508	449	435
1904	678	516	384	383	2537	3527	3222	3998	2744	501	483	445
1905	726	398	664	599	392	634	813	1136	1121	508	449	435
1906	700	395	385	485	1739	1814	3578	3289	2018	2116	483	491
1907	689	401	414	648	1754	3089	4663	5026	4173	2630	479	443
1908	809	398	949	664	392	498	706	1135	982	504	447	435
1909	361	395	386	2216	1977	1330	1864	3029	2094	582	483	445
1910	740	774	1382	1393	451	1658	1927	1360	982	502	447	435
1911	441	409	404	803	1750	1698	3974	3719	3308	1788	480	443
1912	684	398	390	389	386	505	610	735	686	509	449	435
1913	498	395	385	417	396	482	894	1202	883	566	447	435
1914	361	396	424	833	1780	1635	2349	2753	1934	658	478	480
1915	683	396	391	394	490	515	993	1409	1501	502	483	478
1916	731	394	392	1009	1001	1658	3098	2335	1811	557	481	478
1917	717	398	403	387	726	817	1612	2015	1832	687	483	479
1918	689	393	387	385	420	571	768	1130	984	505	448	440
1919	361	396	386	386	513	550	1190	1304	785	502	447	435
1920	379	395	438	421	506	497	849	1250	855	567	448	435
1921	361	349	363	421	395	549	546	808	786	455	448	435
1922	435	393	421	391	599	579	479	1958	1758	501	482	481
1923	635	397	474	472	418	489	712	1125	977	501	446	434
1924	739	395	387	386	384	493	486	901	767	567	576	504
1925	467	379	366	282	452	442	630	699	714	458	449	435
1926	363	318	364	369	397	449	609	876	537	487	486	499
1927	326	402	287	287	425	712	1012	1519	1328	504	485	446
1928	456	398	387	334	332	1169	734	746	767	567	576	504
1929	434	426	363	366	368	402	628	827	535	487	486	499
1930	413	185	361	347	358	512	730	870	656	487	450	435
1931	361	360	213	165	156	261	398	426	354	174	98	62
1932	72	95	152	228	216	289	454	915	866	423	428	435
1933	445	119	162	192	168	225	447	477	882	461	320	145
1934	138	193	215	203	204	468	450	425	173	150	126	65
1935	51	122	94	135	131	142	959	1220	707	457	449	267
1936	169	167	161	212	444	530	1188	1152	741	423	428	435
1937	461	293	349	315	378	314	610	849	484	462	448	435
1938	561	296	812	298	521	624	1566	3866	1938	512	479	462
1939	497	396	388	396	393	493	639	736	686	667	449	437
1940	396	413	422	452	561	1084	994	1248	685	501	446	435
1941	483	396	444	418	421	492	893	1252	1023	546	447	435
1942	797	396	711	1336	1747	1061	1725	1539	1711	501	482	486
1943	712	436	862	1781	2052	1958	2067	1413	1048	501	444	435
1944	714	398	390	394	431	537	570	1133	683	667	448	435
1945	361	422	391	385	480	542	521	760	582	452	447	435
1946	548	404	542	894	392	514	780	1318	785	667	447	435
1947	677	454	397	440	431	495	781	913	767	567	576	504
1948	361	476	415	342	416	449	640	760	593	487	450	435
1949	440	343	343	316	347	311	507	552	536	487	486	435
1950	613	356	347	363	346	441	765	983	826	518	448	435
1951	418	1517	2317	1370	647	499	1006	837	625	451	447	435

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	658	401	578	1021	1647	1648	3410	6077	2117	1815	478	442
1953	715	408	787	1106	625	1320	1639	2555	1834	1096	483	444
1954	1056	398	388	394	423	541	632	732	867	667	448	435
1955	384	490	402	457	462	484	766	779	728	487	450	435
1956	361	404	1291	1067	1070	1188	1277	1694	1532	558	479	475
1957	672	404	388	396	412	650	820	1112	1288	506	484	482
1958	742	398	398	399	1804	1366	1299	3411	1919	646	480	468
1959	683	407	385	391	465	504	821	969	866	667	576	514
1960	506	476	426	431	465	606	842	816	537	487	486	499
1961	440	367	332	292	285	291	451	433	462	458	302	262
1962	81	96	91	90	298	355	687	573	755	457	450	435
1963	664	342	412	369	1175	391	507	1042	625	437	428	435
1964	378	391	353	342	338	445	908	1336	1121	667	478	435
1965	363	420	1416	844	429	496	804	990	769	501	461	437
1966	498	562	992	462	389	486	627	937	767	567	576	435
1967	361	466	432	495	1354	1243	914	2615	2778	1612	479	453
1968	718	394	395	476	494	657	601	1095	684	508	449	435
1969	456	396	398	1548	1958	1688	3036	4225	2059	566	481	485
1970	707	395	635	3137	1640	1326	845	1209	1133	501	447	435
1971	729	426	447	559	1118	1234	1371	2549	1962	695	480	459
1972	737	402	448	402	390	647	648	1138	1012	667	448	435
1973	386	397	398	458	443	510	699	1591	751	626	453	431
1974	694	562	838	1473	1309	1214	1328	2095	1590	516	483	485
1975	705	399	386	385	431	858	758	2303	2171	503	482	444
1976	765	396	397	384	391	565	836	901	767	567	576	502
1977	477	443	414	414	397	391	615	671	537	487	451	249
1978	142	150	281	376	328	464	508	1009	992	428	429	436
1979	383	297	359	292	305	306	444	702	470	487	450	435
1980	544	332	320	1051	808	528	789	1323	1250	551	482	444
1981	402	392	391	397	388	491	484	742	867	567	576	435
1982	462	972	1251	587	2792	2415	2223	3220	1796	798	478	460
1983	857	1450	1709	1581	2016	2815	2900	5102	5878	2413	716	460
1984	878	3385	2929	2112	1962	1715	1269	1942	1365	501	482	484
1985	746	431	389	387	391	511	743	1136	984	507	448	435
1986	380	397	401	390	3385	3677	2822	2080	1433	429	471	451
1987	780	392	390	392	391	490	482	972	867	567	576	504
1988	375	373	371	374	367	394	616	671	537	437	271	151
1989	139	265	204	184	319	933	888	889	861	517	444	435
1990	361	338	221	269	254	329	705	426	471	457	196	71
1991	68	95	91	91	93	286	460	425	422	352	119	68
1992	93	129	99	90	212	271	450	408	137	121	101	62
1993	49	91	129	226	230	663	877	1499	885	487	430	313
1994	374	114	120	196	219	397	548	629	348	226	198	143
1995	130	164	163	413	414	1327	1126	1961	1604	943	435	435
1996	422	339	347	379	1730	1838	1879	2781	1339	456	479	483
1997	749	394	1958	6835	2374	2200	1836	1590	1053	473	523	511
1998	743	394	391	393	1728	1953	1473	2524	2137	1206	442	466
1999	726	390	409	858	1879	2306	2015	2759	1911	456	480	483
2000	755	390	390	394	414	499	966	1594	996	539	450	437

# Truckee River at Reno, NV Gaging Station (Hwy 395) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	332	313	312	361	841	946	662	2025	1244	404	388	342
1902	447	357	341	339	350	502	1061	1398	1338	404	388	376
1903	659	351	340	404	365	463	719	1052	1080	404	353	331
1904	609	476	338	337	2541	3534	3164	3919	2643	404	388	342
1905	665	358	622	556	349	596	743	1057	1019	404	353	332
1906	632	354	341	486	1706	1778	3508	3216	1917	2018	388	388
1907	622	361	381	629	1710	3153	4618	4950	4073	2533	388	342
1908	750	359	923	626	352	459	632	1054	881	404	353	333
1909	294	354	342	2221	1970	1309	1792	2947	1993	485	388	342
1910	674	739	1370	1374	429	1615	1848	1279	882	404	353	333
1911	374	369	363	847	1736	1688	3917	3640	3207	1691	388	342
1912	618	359	349	347	342	468	538	654	581	404	353	333
1913	430	354	340	387	351	434	811	1118	777	464	353	331
1914	293	355	401	944	1797	1600	2285	2671	1834	561	388	379
1915	617	356	351	355	494	484	918	1331	1400	404	388	376
1916	665	353	351	1083	1004	1625	3029	2253	1710	460	388	376
1917	651	359	368	344	712	788	1544	1935	1731	588	388	376
1918	622	352	344	341	390	564	702	1049	883	404	353	348
1919	295	355	342	342	526	535	1123	1222	684	404	353	332
1920	312	355	419	379	462	457	782	1169	765	467	353	332
1921	294	311	329	398	355	503	466	744	687	354	353	332
1922	367	351	393	350	650	577	417	1880	1657	404	388	378
1923	568	358	470	469	388	447	646	1046	888	404	353	332
1924	672	354	343	342	338	450	403	813	657	459	478	400
1925	399	338	321	236	423	398	551	615	610	354	353	332
1926	295	276	318	327	362	402	530	791	430	380	388	394
1927	257	386	244	243	411	684	946	1440	1228	404	388	342
1928	390	360	343	289	286	1157	674	667	666	466	480	400
1929	366	384	319	321	323	359	556	743	432	382	389	394
1930	345	142	325	315	321	469	652	788	555	384	353	332
1931	293	321	167	123	109	213	324	341	273	121	50	22
1932	29	49	131	203	190	246	376	833	765	321	331	331
1933	377	77	118	167	124	181	367	394	777	354	240	109
1934	103	150	188	161	158	420	366	341	98	101	82	27
1935	18	77	50	95	84	99	900	1143	607	354	353	163
1936	110	126	117	174	478	508	1116	1071	640	324	332	331
1937	394	251	309	285	374	282	539	767	383	362	353	332
1938	493	256	785	260	578	708	1522	3793	1849	415	388	362
1939	432	356	346	358	352	452	562	654	582	562	353	336
1940	328	371	378	460	596	1083	934	1168	584	404	353	333
1941	416	357	427	391	393	451	821	1170	922	447	353	333
1942	730	355	701	1325	1722	1052	1664	1462	1610	404	388	384
1943	646	415	829	1815	2033	1949	2007	1332	947	404	353	334
1944	648	359	349	356	408	516	504	1051	583	567	353	333
1945	294	395	350	342	464	523	453	681	483	354	353	332
1946	503	369	535	857	351	483	707	1236	684	568	353	332
1947	610	443	359	398	388	454	702	831	663	463	480	401
1948	293	435	370	298	370	404	574	688	488	382	353	331
1949	371	301	302	274	302	268	428	477	434	383	389	331
1950	545	315	303	354	315	412	697	902	725	418	353	332
1951	364	1529	2300	1354	626	461	938	758	524	354	353	333



# Truckee River at Reno, NV Gaging Station (Hwy 395)

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	601	364	584	1063	1640	1669	3377	5999	2017	1718	388	342
1953	650	374	767	1076	585	1276	1571	2489	1750	999	388	342
1954	989	358	345	355	395	522	557	652	766	566	353	332
1955	316	451	366	418	419	438	687	697	624	382	353	332
1956	293	361	1366	1139	1068	1148	1203	1629	1433	461	388	373
1957	609	368	346	358	380	611	741	1046	1189	404	388	379
1958	676	359	360	362	1777	1355	1273	3335	1825	549	388	367
1959	617	372	342	350	457	467	752	889	766	567	481	412
1960	439	436	381	390	442	574	774	735	434	385	390	395
1961	372	332	287	247	239	246	368	356	362	352	210	172
1962	34	51	46	47	305	340	622	492	654	354	352	331
1963	608	302	369	350	1161	367	455	987	542	342	334	334
1964	321	370	312	304	297	405	832	1269	1020	566	381	332
1965	295	380	1458	872	405	458	737	908	674	404	388	340
1966	441	555	972	426	346	444	549	856	661	463	479	331
1967	293	432	410	500	1320	1235	871	2546	2677	1515	388	352
1968	657	354	358	440	461	620	529	1029	582	404	353	332
1969	398	357	360	1616	2001	1660	2977	4144	1967	473	388	384
1970	655	355	614	3138	1622	1287	781	1129	1032	404	353	333
1971	675	400	432	532	1075	1201	1303	2484	1864	598	388	358
1972	681	364	434	368	350	602	570	1056	911	566	353	333
1973	333	357	360	438	424	477	628	1509	651	526	358	328
1974	632	539	811	1437	1266	1184	1258	2013	1489	418	388	382
1975	638	361	343	341	406	850	708	2224	2070	404	388	342
1976	707	355	352	339	348	523	758	815	659	460	481	403
1977	409	402	369	368	351	342	530	583	430	380	353	175
1978	106	101	249	349	296	424	432	927	891	329	333	333
1979	316	257	316	251	268	263	365	621	368	385	353	331
1980	476	291	280	1036	815	502	724	1242	1150	454	388	342
1981	336	352	351	359	345	449	402	655	759	461	477	329
1982	394	945	1220	576	2765	2400	2175	3154	1712	715	388	377
1983	813	1426	1681	1574	2017	2819	2879	5039	5796	2332	632	362
1984	817	3394	2915	2092	1950	1689	1206	1864	1266	404	388	383
1985	681	408	348	346	350	479	682	1055	883	404	353	332
1986	323	358	366	350	3482	3698	2810	2017	1350	349	381	352
1987	728	353	351	353	352	450	402	885	759	462	478	399
1988	306	329	329	333	324	348	532	582	428	345	218	114
1989	109	221	161	140	276	900	822	820	763	415	355	332
1990	294	294	179	228	211	287	622	338	362	351	145	33
1991	31	50	47	47	48	242	384	337	317	247	75	32
1992	45	84	56	47	167	217	366	319	72	77	57	25
1993	20	43	82	183	185	646	808	1418	785	390	335	212
1994	319	70	79	154	174	353	466	554	282	179	154	106
1995	97	116	118	382	369	1364	1064	1916	1565	871	352	335
1996	357	297	312	340	1752	1845	1824	2719	1255	372	387	382
1997	691	355	1949	7002	2412	2211	1793	1532	973	386	434	421
1998	683	352	349	354	1694	1949	1412	2462	2067	1130	361	383
1999	670	350	376	829	1867	2296	1966	2700	1829	372	396	388
2000	697	348	348	357	378	458	902	1526	900	435	353	333

## Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	304	292	292	341	821	925	632	1952	1166	325	311	289
1902	411	329	315	312	322	474	1021	1322	1259	325	311	323
1903	622	323	314	377	337	435	679	975	1000	325	275	278
1904	573	448	311	311	2515	3506	3124	3844	2563	325	311	289
1905	631	330	595	529	322	568	703	983	939	325	275	279
1906	595	326	314	460	1678	1751	3468	3143	1837	1939	311	335
1907	585	333	354	602	1682	3125	4578	4877	3993	2454	311	289
1908	716	331	896	599	325	432	592	977	802	325	275	280
1909	257	326	315	2194	1942	1282	1752	2870	1913	406	311	289
1910	637	711	1343	1347	402	1587	1805	1202	802	325	275	279
1911	337	341	336	820	1708	1660	3877	3567	3128	1612	311	289
1912	581	331	322	320	315	440	498	577	502	325	275	280
1913	393	326	313	360	323	406	767	1041	697	385	275	278
1914	256	327	374	917	1769	1572	2245	2595	1754	482	311	326
1915	580	328	324	328	466	456	878	1257	1321	325	311	323
1916	628	325	324	1056	977	1597	2989	2177	1631	381	311	323
1917	614	331	342	318	684	760	1504	1860	1652	509	311	323
1918	585	324	317	314	362	537	662	973	803	325	275	300
1919	258	328	315	315	498	508	1083	1146	604	325	275	279
1920	275	327	392	353	435	429	742	1093	690	388	275	279
1921	257	283	302	371	327	476	423	671	609	275	275	279
1922	330	323	366	323	622	549	377	1808	1578	325	311	325
1923	532	330	444	442	360	419	606	972	813	325	275	279
1924	635	327	317	315	311	422	360	736	578	380	401	347
1925	362	310	294	209	396	370	511	538	530	275	275	279
1926	258	248	291	300	334	375	490	714	350	301	311	341
1927	220	358	217	216	383	657	906	1366	1148	325	311	289
1928	353	332	316	263	259	1130	634	592	587	387	403	347
1929	329	356	292	294	295	332	516	666	353	303	312	341
1930	308	114	298	288	293	441	612	711	475	305	275	279
1931	256	293	141	96	81	186	284	264	211	74	4	4
1932	5	22	104	177	163	218	335	756	685	242	254	278
1933	340	49	91	141	96	154	326	317	697	275	175	88
1934	83	122	161	134	131	392	322	264	37	57	39	6
1935	4	49	24	69	56	71	860	1070	527	275	275	111
1936	76	98	90	147	451	480	1076	994	561	245	255	278
1937	357	223	282	259	347	254	499	691	303	282	275	279
1938	456	228	758	233	550	680	1482	3721	1774	336	311	308
1939	395	328	319	331	324	424	522	578	502	483	275	283
1940	291	343	351	433	569	1055	894	1093	504	325	275	280
1941	379	329	401	364	365	424	781	1094	842	368	275	279
1942	693	327	674	1298	1694	1024	1624	1389	1530	325	311	331
1943	609	387	802	1788	2005	1921	1967	1256	868	325	275	281
1944	611	332	322	329	382	488	464	975	503	488	275	279
1945	257	367	323	315	436	496	413	606	404	275	275	279
1946	469	341	508	830	323	455	667	1160	604	489	275	279
1947	573	415	332	371	360	426	660	754	583	384	402	347
1948	257	407	343	271	343	376	534	616	409	303	275	278
1949	334	273	275	247	274	240	387	405	354	304	312	277
1950	508	287	276	327	287	384	657	826	645	339	275	279
1951	329	1501	2273	1327	598	434	898	684	445	275	275	279

## Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	567	336	557	1036	1614	1642	3337	5927	1937	1639	311	289
1953	613	346	740	1049	557	1248	1531	2417	1674	920	311	289
1954	952	330	318	328	367	494	517	577	687	487	275	279
1955	279	423	339	392	391	410	645	620	544	303	275	279
1956	256	333	1339	1113	1042	1120	1161	1557	1355	382	311	320
1957	572	341	319	331	352	584	699	974	1111	325	311	326
1958	639	331	334	335	1749	1327	1233	3262	1750	469	311	314
1959	580	344	315	323	429	440	711	814	686	488	404	359
1960	402	408	354	363	415	546	734	659	354	306	313	342
1961	335	304	260	220	211	219	324	283	287	273	136	124
1962	7	23	19	21	278	312	582	416	574	275	275	278
1963	574	274	342	323	1133	339	415	914	466	265	257	281
1964	287	342	285	277	270	377	792	1197	940	486	304	279
1965	258	352	1432	845	378	430	697	832	598	325	315	290
1966	407	527	945	399	318	416	506	779	581	383	401	278
1967	256	404	383	474	1292	1208	831	2473	2598	1436	311	299
1968	623	326	331	413	434	592	489	957	503	325	275	279
1969	364	329	333	1589	1974	1632	2937	4069	1892	398	311	330
1970	621	327	588	3111	1594	1260	741	1054	953	325	275	280
1971	641	372	405	506	1048	1174	1263	2412	1788	519	311	305
1972	647	336	407	341	323	574	529	980	831	486	275	279
1973	299	329	333	411	396	449	588	1432	571	447	281	275
1974	598	511	784	1410	1239	1156	1218	1936	1410	338	311	329
1975	601	333	316	315	378	822	668	2150	1991	325	311	289
1976	673	328	325	313	321	495	718	738	579	381	403	350
1977	372	374	342	341	323	314	485	506	350	301	275	138
1978	86	73	222	322	268	397	392	850	811	249	256	280
1979	279	229	289	225	240	236	325	544	289	305	275	278
1980	439	263	253	1009	788	474	684	1165	1071	374	311	289
1981	299	324	324	332	318	421	359	579	679	382	399	276
1982	357	917	1193	549	2737	2373	2135	3082	1636	641	311	329
1983	779	1398	1654	1547	1989	2792	2839	4966	5721	2258	560	309
1984	783	3366	2888	2065	1923	1662	1166	1791	1187	325	311	330
1985	644	380	321	319	322	451	642	978	803	325	275	279
1986	289	330	339	323	3454	3671	2770	1944	1275	275	306	299
1987	694	325	324	326	324	422	359	808	680	383	400	346
1988	269	301	302	306	297	320	488	505	348	275	173	94
1989	92	193	134	113	249	872	782	748	685	336	282	279
1990	258	266	152	201	183	260	578	261	282	271	99	12
1991	10	22	21	21	20	214	344	261	237	168	32	11
1992	18	56	29	20	141	186	322	242	16	34	14	5
1993	4	15	55	156	157	619	768	1341	706	310	258	160
1994	287	42	52	127	146	325	421	481	224	136	112	86
1995	79	88	92	355	342	1336	1024	1843	1490	797	279	282
1996	322	269	285	314	1725	1817	1784	2647	1180	298	310	329
1997	657	327	1922	6975	2384	2183	1753	1460	898	312	361	373
1998	649	324	323	327	1666	1921	1372	2389	1991	1056	289	335
1999	636	322	350	802	1839	2268	1926	2627	1754	298	323	340
2000	663	320	321	330	351	430	862	1453	824	356	275	280

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	368	424	423	537	1102	1127	755	2024	1224	374	363	346
1902	475	480	456	433	508	692	1148	1386	1318	374	363	380
1903	686	464	452	599	551	633	818	1042	1059	374	327	335
1904	637	604	448	426	2791	3774	3311	3919	2622	374	363	346
1905	695	490	761	668	502	761	838	1048	1000	374	327	336
1906	659	474	454	732	1900	1953	3586	3212	1896	1988	363	392
1907	649	483	560	850	1863	3389	4811	4952	4054	2503	363	346
1908	780	491	1115	798	516	624	678	1042	863	374	327	337
1909	321	470	449	2465	2223	1512	1852	2932	1972	456	363	346
1910	701	899	1602	1587	647	1747	1884	1266	863	374	327	337
1911	401	486	507	1095	1970	1908	4043	3639	3187	1662	363	346
1912	646	491	481	461	440	621	605	642	563	374	327	338
1913	458	472	445	569	513	548	843	1103	755	435	327	336
1914	320	478	605	1194	2060	1767	2351	2657	1812	532	363	383
1915	645	470	479	505	757	666	981	1323	1381	374	363	380
1916	692	456	478	1328	1260	1799	3087	2240	1690	430	363	380
1917	678	489	542	473	942	973	1621	1924	1712	559	363	380
1918	649	451	441	422	575	796	811	1041	863	374	327	360
1919	322	472	450	436	783	749	1209	1209	663	374	327	337
1920	339	471	626	534	586	604	883	1159	758	438	327	336
1921	321	453	510	606	533	627	501	774	667	324	327	336
1922	395	453	580	518	916	815	540	1879	1636	374	363	382
1923	596	484	718	721	589	592	746	1041	882	374	328	337
1924	699	465	445	427	422	564	436	798	636	430	453	404
1925	426	465	444	328	618	552	600	600	587	324	327	336
1926	322	396	425	462	547	538	574	776	409	351	363	398
1927	285	589	400	376	645	876	1068	1437	1206	374	363	346
1928	417	497	468	386	374	1359	829	667	646	436	455	404
1929	393	490	432	414	459	508	627	728	411	352	364	399
1930	372	238	493	504	506	621	707	772	533	354	327	337
1931	320	454	278	249	232	313	368	326	277	143	67	57
1932	69	108	328	410	395	393	418	817	743	291	306	335
1933	404	170	220	359	289	326	408	379	755	324	228	141
1934	147	246	375	314	301	523	396	325	105	107	87	59
1935	66	134	126	238	210	236	1057	1145	584	324	327	166
1936	140	243	235	340	735	708	1182	1056	620	295	307	336
1937	421	350	463	475	639	463	607	753	362	332	327	336
1938	520	375	976	436	845	947	1716	3810	1842	385	363	366
1939	459	471	448	507	519	609	606	642	563	533	327	340
1940	355	477	475	704	853	1322	1069	1167	563	374	327	337
1941	444	478	643	587	597	609	880	1157	902	417	327	337
1942	757	474	932	1559	1932	1279	1791	1480	1590	374	363	389
1943	673	606	1016	2066	2252	2171	2115	1324	927	374	327	339
1944	675	494	483	519	616	718	604	1042	563	537	327	337
1945	321	571	517	455	690	731	543	673	462	324	327	337
1946	558	531	779	1030	525	665	768	1222	663	538	327	337
1947	637	652	534	523	513	592	744	817	643	433	455	405
1948	321	543	468	389	473	513	673	692	466	352	327	335
1949	399	411	458	419	462	420	470	476	413	354	364	335
1950	572	423	418	587	515	601	804	894	703	388	327	336
1951	399	1768	2523	1576	849	630	1021	749	504	324	327	337

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	631	517	834	1314	1884	1908	3590	6002	1998	1689	363	346
1953	678	536	981	1263	760	1402	1632	2516	1766	972	363	346
1954	1016	491	462	505	598	728	604	642	748	536	327	336
1955	344	589	540	591	587	561	723	681	602	352	327	336
1956	320	457	1609	1390	1321	1301	1245	1657	1415	432	363	378
1957	636	526	479	524	573	779	785	1068	1171	374	363	384
1958	703	497	531	538	1987	1578	1501	3337	1819	519	363	371
1959	644	532	466	479	700	640	839	878	746	537	456	416
1960	466	564	488	516	643	755	890	729	412	356	365	399
1961	399	490	406	335	341	360	400	354	351	322	191	210
1962	79	124	133	120	564	557	702	479	632	324	327	335
1963	657	449	483	539	1384	560	636	1122	607	327	309	338
1964	354	559	450	453	411	523	878	1277	999	536	356	336
1965	322	512	1704	1124	617	621	796	894	668	374	419	354
1966	478	780	1187	605	504	568	583	842	641	433	454	335
1967	321	595	621	753	1511	1459	1075	2571	2657	1486	363	357
1968	687	457	514	614	644	797	606	1042	563	374	327	336
1969	435	479	527	1869	2268	1852	3101	4140	1962	448	363	388
1970	731	498	822	3393	1868	1467	967	1129	1013	374	327	338
1971	733	586	660	731	1224	1373	1395	2544	1853	568	363	362
1972	723	522	659	548	505	711	606	1042	890	536	327	337
1973	392	498	530	652	650	653	696	1494	629	496	333	332
1974	662	724	1009	1614	1416	1360	1330	1999	1469	388	363	386
1975	665	511	477	451	609	1077	894	2225	2051	374	363	346
1976	737	482	459	426	481	666	804	801	638	430	456	407
1977	436	532	485	462	480	440	558	567	408	350	327	199
1978	151	149	423	553	497	587	491	911	869	299	308	337
1979	343	384	442	398	452	407	417	607	347	355	327	335
1980	503	413	432	1262	1073	695	815	1230	1129	424	363	346
1981	363	444	465	521	476	568	436	642	738	431	452	333
1982	421	1123	1418	815	2953	2607	2382	3210	1743	710	363	413
1983	926	1635	1883	1842	2299	3078	3162	5178	5914	2368	630	366
1984	854	3644	3157	2316	2207	1903	1330	1862	1250	374	363	387
1985	708	595	497	455	483	654	767	1042	863	374	327	337
1986	366	494	541	515	3761	3957	3095	2148	1425	374	363	356
1987	784	465	466	480	487	576	437	872	739	432	453	403
1988	334	409	420	467	438	423	557	566	405	326	226	149
1989	158	306	265	219	354	1049	896	820	744	385	338	336
1990	322	368	260	318	292	375	648	323	340	320	152	65
1991	74	114	115	123	131	313	414	322	294	214	80	64
1992	83	139	141	132	232	265	387	303	71	80	62	57
1993	68	102	146	291	300	836	904	1407	764	360	310	215
1994	351	134	165	255	276	424	489	555	271	185	161	138
1995	143	181	208	562	493	1595	1212	2106	1815	965	350	340
1996	386	366	433	486	2008	2096	2032	2897	1315	374	363	386
1997	726	461	2182	7265	2696	2469	2033	1740	1122	393	417	442
1998	728	483	501	518	1889	2198	1621	2605	2293	1236	395	482
1999	782	489	560	1027	2134	2541	2185	2884	1956	387	385	401
2000	731	426	454	500	533	589	981	1531	885	405	327	337

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	348	421	421	542	1118	1132	741	1983	1162	300	300	300
1902	455	478	455	431	509	700	1134	1344	1256	300	300	334
1903	666	461	451	607	554	635	804	1000	997	300	264	289
1904	617	602	447	424	2827	3809	3304	3878	2560	300	300	300
1905	675	488	761	667	503	764	826	1007	937	300	264	290
1906	639	471	453	752	1909	1959	3572	3173	1833	1914	300	346
1907	629	481	566	866	1866	3457	4813	4912	3991	2429	300	300
1908	760	489	1121	801	518	626	662	1000	800	300	264	291
1909	301	468	447	2498	2248	1520	1838	2890	1909	381	300	300
1910	681	898	1617	1599	653	1746	1868	1224	800	300	264	291
1911	381	483	508	1140	1990	1933	4034	3597	3124	1587	300	300
1912	626	489	480	460	438	625	590	600	500	300	264	291
1913	438	470	444	393	123	291	490	800	400	200	264	289
1914	300	146	274	1267	2092	1773	2337	2615	1750	457	300	337
1915	624	468	478	507	776	670	966	1283	1318	300	300	334
1916	672	453	478	1381	1281	1805	3072	2198	1627	355	300	334
1917	658	487	545	472	954	979	1607	1882	1649	484	300	334
1918	629	448	439	420	582	812	799	1000	800	300	264	317
1919	302	470	449	434	805	759	1195	1168	600	300	264	290
1920	319	468	531	150	150	291	490	800	400	200	264	290
1921	301	202	226	616	535	626	484	738	605	250	264	290
1922	375	450	550	521	960	834	529	1837	1574	300	300	336
1923	576	482	739	741	595	592	734	1000	820	300	264	290
1924	679	462	444	425	420	565	420	530	400	200	200	110
1925	119	112	110	226	626	554	584	559	400	202	264	290
1926	302	385	110	110	110	141	357	300	170	120	110	105
1927	109	92	175	377	659	884	1057	1396	1143	300	300	300
1928	397	495	467	385	221	1359	821	600	400	200	200	110
1929	177	112	113	110	110	141	200	300	170	120	110	105
1930	109	92	90	90	90	141	344	300	170	120	250	291
1931	300	92	90	88	75	29	39	56	203	63	10	21
1932	31	30	47	41	38	394	402	775	680	232	256	301
1933	384	167	100	100	100	141	202	300	170	264	145	103
1934	109	92	90	90	42	30	35	54	38	29	32	23
1935	31	39	32	94	76	59	300	400	270	265	278	132
1936	120	102	100	102	769	717	1168	1015	557	235	244	290
1937	401	167	103	410	657	468	591	711	299	150	264	290
1938	500	205	990	441	900	1006	1715	3770	1781	311	300	320
1939	439	468	447	510	521	610	590	600	500	300	264	295
1940	335	125	120	738	894	1347	1060	1125	500	300	264	291
1941	423	476	386	595	487	536	490	1115	839	300	264	291
1942	737	472	953	1581	1947	1298	1782	1440	1527	300	300	342
1943	653	610	1022	2116	2272	2197	2105	1283	865	300	264	292
1944	655	492	482	521	625	726	590	1000	500	300	264	291
1945	301	400	270	454	702	741	529	632	400	250	264	290
1946	540	530	795	1034	526	670	753	1180	600	300	264	290
1947	617	659	371	153	153	418	490	530	400	200	200	110
1948	206	112	113	113	110	141	200	300	272	120	264	289
1949	379	99	95	93	90	144	454	438	170	120	110	214
1950	464	92	90	602	521	570	791	853	641	150	264	290
1951	380	1788	2544	1593	857	631	1007	708	442	250	264	291

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	611	516	867	1363	1912	1950	3595	5962	1935	1614	300	300
1953	657	535	990	1270	762	1401	1618	2478	1705	897	300	300
1954	996	489	461	508	606	738	590	600	500	300	206	290
1955	303	122	177	120	120	208	350	300	170	120	162	290
1956	280	92	1667	1440	1341	1304	1231	1617	1353	357	300	331
1957	616	525	478	527	578	781	770	1028	1109	300	300	337
1958	683	495	535	544	2003	1597	1511	3298	1757	444	300	325
1959	624	531	465	480	715	643	590	600	500	300	200	120
1960	129	122	120	120	120	141	200	300	170	120	110	105
1961	109	92	77	37	30	32	36	59	94	90	103	44
1962	33	28	30	29	60	100	269	300	170	262	278	301
1963	638	93	93	549	1400	569	633	1090	549	253	246	292
1964	334	563	450	455	410	224	490	800	600	300	200	290
1965	282	152	1750	1156	627	623	780	852	607	300	360	308
1966	458	789	1198	608	504	566	567	800	400	200	200	164
1967	213	113	474	783	1519	1485	1075	2530	2595	1411	300	311
1968	667	455	515	618	648	800	590	1000	500	300	264	290
1969	415	477	273	1935	2320	1864	3089	4099	1903	374	300	342
1970	711	496	834	3426	1881	1469	953	1087	951	300	264	291
1971	713	588	671	739	1225	1379	1381	2508	1791	494	300	316
1972	703	521	671	552	506	709	590	1000	800	300	264	291
1973	372	203	294	663	660	658	681	1452	566	300	270	286
1974	642	727	1017	1621	1417	1367	1316	1957	1406	313	300	340
1975	645	510	476	449	618	1092	886	2184	1988	300	300	300
1976	717	480	458	424	377	294	420	530	400	200	200	110
1977	119	112	110	110	110	141	200	300	170	120	218	152
1978	109	92	90	90	48	444	300	799	806	224	245	291
1979	323	332	100	400	449	338	200	565	170	120	264	289
1980	483	93	93	1278	1093	702	801	1189	1067	349	300	300
1981	343	441	464	524	475	567	420	600	500	200	200	287
1982	325	991	1427	830	2960	2618	2377	3170	1682	636	300	371
1983	909	1641	1892	1856	2318	3097	3162	5140	5851	2295	567	321
1984	834	3662	3172	2322	2214	1905	1314	1820	1187	300	300	341
1985	688	600	497	454	482	658	752	1000	800	300	264	290
1986	346	493	439	517	3813	3979	3093	2108	1363	300	300	310
1987	764	462	465	479	485	573	420	600	500	200	200	110
1988	203	112	110	110	110	141	200	300	170	224	169	110
1989	109	92	90	90	90	161	383	400	270	150	178	290
1990	302	102	100	100	100	63	37	55	104	89	95	24
1991	33	28	29	29	28	129	214	270	245	154	23	24
1992	34	43	39	27	69	98	217	224	21	15	12	21
1993	31	26	60	81	79	836	887	1365	701	300	260	180
1994	331	130	140	120	120	141	200	300	213	120	110	100
1995	109	92	90	563	490	1600	1196	2067	1758	890	300	306
1996	366	362	432	486	2013	2100	2018	2857	1252	300	300	340
1997	719	445	2142	7616	2804	2494	1976	1668	1062	300	300	344
1998	690	427	467	482	1860	2174	1612	2543	2256	1126	300	419
1999	747	476	562	1024	2138	2521	2163	2867	1902	300	300	338
2000	706	419	446	488	527	576	947	1460	800	300	242	281

## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	348	421	421	542	1118	1132	741	1983	1162	300	300	300
1902	455	478	455	431	509	700	1134	1344	1256	300	300	334
1903	666	461	451	607	554	635	804	1000	997	300	264	289
1904	617	602	447	424	2827	3809	3304	3878	2560	300	300	300
1905	675	488	761	667	503	764	826	1007	937	300	264	290
1906	639	471	453	752	1909	1959	3572	3173	1833	1914	300	346
1907	629	481	566	866	1866	3457	4813	4912	3991	2429	300	300
1908	760	489	1121	801	518	626	662	1000	800	300	264	291
1909	301	468	447	2498	2248	1520	1838	2890	1909	381	300	300
1910	681	898	1617	1599	653	1746	1868	1224	800	300	264	291
1911	381	483	508	1140	1990	1933	4034	3597	3124	1587	300	300
1912	626	489	480	460	438	625	590	600	500	300	264	291
1913	438	470	444	393	123	291	490	800	400	200	264	289
1914	300	146	274	1267	2092	1773	2337	2615	1750	457	300	337
1915	624	468	478	507	776	670	966	1283	1318	300	300	334
1916	672	453	478	1381	1281	1805	3072	2198	1627	355	300	334
1917	658	487	545	472	954	979	1607	1882	1649	484	300	334
1918	629	448	439	420	582	812	799	1000	800	300	264	317
1919	302	470	449	434	805	759	1195	1168	600	300	264	290
1920	319	468	531	150	150	291	490	800	400	200	264	290
1921	301	202	226	616	535	626	484	738	605	250	264	290
1922	375	450	550	521	960	834	529	1837	1574	300	300	336
1923	576	482	739	741	595	592	734	1000	820	300	264	290
1924	679	462	444	425	420	565	420	530	400	200	200	110
1925	119	112	110	226	626	554	584	559	400	202	264	290
1926	302	385	110	110	110	141	357	300	170	120	110	105
1927	109	92	175	377	659	884	1057	1396	1143	300	300	300
1928	397	495	467	385	221	1359	821	600	400	200	200	110
1929	177	112	113	110	110	141	200	300	170	120	110	105
1930	109	92	90	90	90	141	344	300	170	120	250	291
1931	300	92	90	88	75	29	39	56	203	63	10	21
1932	31	30	47	41	38	394	402	775	680	232	256	301
1933	384	167	100	100	100	141	202	300	170	264	145	103
1934	109	92	90	90	42	30	35	54	38	29	32	23
1935	31	39	32	94	76	59	300	400	270	265	278	132
1936	120	102	100	102	769	717	1168	1015	557	235	244	290
1937	401	167	103	410	657	468	591	711	299	150	264	290
1938	500	205	990	441	900	1006	1715	3770	1781	311	300	320
1939	439	468	447	510	521	610	590	600	500	300	264	295
1940	335	125	120	738	894	1347	1060	1125	500	300	264	291
1941	423	476	386	595	487	536	490	1115	839	300	264	291
1942	737	472	953	1581	1947	1298	1782	1440	1527	300	300	342
1943	653	610	1022	2116	2272	2197	2105	1283	865	300	264	292
1944	655	492	482	521	625	726	590	1000	500	300	264	291
1945	301	400	270	454	702	741	529	632	400	250	264	290
1946	540	530	795	1034	526	670	753	1180	600	300	264	290
1947	617	659	371	153	153	418	490	530	400	200	200	110
1948	206	112	113	113	110	141	200	300	272	120	264	289
1949	379	99	95	93	90	144	454	438	170	120	110	214
1950	464	92	90	602	521	570	791	853	641	150	264	290
1951	380	1788	2544	1593	857	631	1007	708	442	250	264	291



## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	611	516	867	1363	1912	1950	3595	5962	1935	1614	300	300
1953	657	535	990	1270	762	1401	1618	2478	1705	897	300	300
1954	996	489	461	508	606	738	590	600	500	300	206	290
1955	303	122	177	120	120	208	350	300	170	120	162	290
1956	280	92	1667	1440	1341	1304	1231	1617	1353	357	300	331
1957	616	525	478	527	578	781	770	1028	1109	300	300	337
1958	683	495	535	544	2003	1597	1511	3298	1757	444	300	325
1959	624	531	465	480	715	643	590	600	500	300	200	120
1960	129	122	120	120	120	141	200	300	170	120	110	105
1961	109	92	77	37	30	32	36	59	94	90	103	44
1962	33	28	30	29	60	100	269	300	170	262	278	301
1963	638	93	93	549	1400	569	633	1090	549	253	246	292
1964	334	563	450	455	410	224	490	800	600	300	200	290
1965	282	152	1750	1156	627	623	780	852	607	300	360	308
1966	458	789	1198	608	504	566	567	800	400	200	200	164
1967	213	113	474	783	1519	1485	1075	2530	2595	1411	300	311
1968	667	455	515	618	648	800	590	1000	500	300	264	290
1969	415	477	273	1935	2320	1864	3089	4099	1903	374	300	342
1970	711	496	834	3426	1881	1469	953	1087	951	300	264	291
1971	713	588	671	739	1225	1379	1381	2508	1791	494	300	316
1972	703	521	671	552	506	709	590	1000	800	300	264	291
1973	372	203	294	663	660	658	681	1452	566	300	270	286
1974	642	727	1017	1621	1417	1367	1316	1957	1406	313	300	340
1975	645	510	476	449	618	1092	886	2184	1988	300	300	300
1976	717	480	458	424	377	294	420	530	400	200	200	110
1977	119	112	110	110	110	141	200	300	170	120	218	152
1978	109	92	90	90	48	444	300	799	806	224	245	291
1979	323	332	100	400	449	338	200	565	170	120	264	289
1980	483	93	93	1278	1093	702	801	1189	1067	349	300	300
1981	343	441	464	524	475	567	420	600	500	200	200	287
1982	325	991	1427	830	2960	2618	2377	3170	1682	636	300	371
1983	909	1641	1892	1856	2318	3097	3162	5140	5851	2295	567	321
1984	834	3662	3172	2322	2214	1905	1314	1820	1187	300	300	341
1985	688	600	497	454	482	658	752	1000	800	300	264	290
1986	346	493	439	517	3813	3979	3093	2108	1363	300	300	310
1987	764	462	465	479	485	573	420	600	500	200	200	110
1988	203	112	110	110	110	141	200	300	170	224	169	110
1989	109	92	90	90	90	161	383	400	270	150	178	290
1990	302	102	100	100	100	63	37	55	104	89	95	24
1991	33	28	29	29	28	129	214	270	245	154	23	24
1992	34	43	39	27	69	98	217	224	21	15	12	21
1993	31	26	60	81	79	836	887	1365	701	300	260	180
1994	331	130	140	120	120	141	200	300	213	120	110	100
1995	109	92	90	563	490	1600	1196	2067	1758	890	300	306
1996	366	362	432	486	2013	2100	2018	2857	1252	300	300	340
1997	719	445	2142	7616	2804	2494	1976	1668	1062	300	300	344
1998	690	427	467	482	1860	2174	1612	2543	2256	1126	300	419
1999	747	476	562	1024	2138	2521	2163	2867	1902	300	300	338
2000	706	419	446	488	527	576	947	1460	800	300	242	281

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	72	36	33	16	136	174	189	491	432	75	4	32
1902	32	17	34	13	49	36	189	419	342	35	17	26
1903	2	2	7	22	38	59	137	355	293	32	12	5
1904	11	75	5	2	172	298	264	521	458	96	13	10
1905	4	11	17	35	32	102	125	250	233	21	8	5
1906	23	2	2	27	36	88	269	605	588	197	0	0
1907	2	2	2	2	56	243	334	540	583	268	38	12
1908	4	7	16	24	25	66	118	177	212	20	8	4
1909	7	2	2	245	62	61	250	488	567	122	12	11
1910	36	80	67	39	42	178	211	286	154	6	6	12
1911	7	4	16	38	41	64	295	583	850	247	18	9
1912	5	7	5	12	2	10	54	308	282	19	13	10
1913	3	9	2	2	3	24	104	318	163	23	16	5
1914	3	2	3	105	56	193	308	532	486	93	12	0
1915	4	2	2	5	16	44	174	448	374	63	0	2
1916	29	2	5	17	39	183	342	438	476	116	24	21
1917	11	4	13	2	8	26	189	470	463	83	20	18
1918	6	2	2	2	6	23	164	286	178	0	1	5
1919	16	7	8	7	19	35	253	446	127	8	0	2
1920	5	2	3	2	3	21	94	319	160	10	1	3
1921	6	18	13	32	38	135	150	332	326	39	6	2
1922	5	2	3	10	5	6	113	570	575	78	0	0
1923	3	2	2	5	11	56	154	407	255	56	0	0
1924	3	2	2	2	12	2	28	77	8	0	3	1
1925	5	2	2	2	75	70	126	315	170	12	1	4
1926	6	2	6	6	19	60	128	184	60	0	4	2
1927	5	17	19	28	82	130	197	465	507	79	0	0
1928	6	25	15	13	11	231	139	321	92	2	1	1
1929	3	2	6	2	2	27	48	231	128	12	3	1
1930	5	2	34	13	33	68	150	240	177	10	6	2
1931	5	4	2	2	2	30	32	105	41	1	4	3
1932	5	2	2	15	15	59	184	381	327	38	3	2
1933	6	2	2	2	2	5	76	167	274	14	5	2
1934	4	2	4	8	16	89	53	78	48	8	4	3
1935	3	2	2	5	7	10	181	415	324	28	0	0
1936	5	2	2	17	28	104	242	409	280	24	0	0
1937	4	2	2	19	29	48	156	358	189	10	1	1
1938	5	2	181	19	28	40	274	681	636	110	0	0
1939	10	5	2	2	2	42	90	174	54	6	3	2
1940	3	2	2	32	50	186	211	367	226	25	14	6
1941	7	8	16	19	55	88	103	364	256	48	7	28
1942	6	2	72	73	48	55	201	342	392	70	0	3
1943	5	39	49	83	67	145	238	321	208	40	5	7
1944	6	21	9	2	2	18	78	301	132	0	1	3
1945	4	8	33	13	66	40	135	337	202	6	3	5
1946	11	26	47	110	10	76	184	338	177	7	3	6
1947	11	19	12	14	34	53	145	198	31	2	2	2
1948	12	10	9	45	19	16	115	275	283	26	4	3
1949	5	10	7	8	10	12	169	319	79	3	2	2
1950	4	7	7	14	22	37	209	431	271	48	3	3
1951	16	359	300	70	82	69	227	290	93	4	4	3

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	10	18	23	17	23	23	214	664	634	272	36	6
1953	7	9	15	58	39	45	207	278	432	134	8	6
1954	9	16	15	16	15	82	242	304	36	3	4	4
1955	5	9	8	8	10	15	52	280	177	5	3	4
1956	5	8	276	119	60	57	193	519	435	77	6	4
1957	14	17	15	15	33	60	145	371	255	9	4	5
1958	12	17	22	20	47	54	120	677	440	92	8	4
1959	6	9	7	37	30	51	158	144	62	3	2	6
1960	5	4	4	5	27	89	213	178	104	5	3	2
1961	3	5	6	5	15	19	67	148	84	3	2	3
1962	5	5	6	5	21	12	184	274	196	11	3	2
1963	130	49	90	106	353	62	79	385	238	26	4	5
1964	9	67	24	22	18	24	147	300	129	7	3	2
1965	4	8	347	100	72	62	200	375	328	82	35	13
1966	3	18	14	18	15	32	221	263	24	2	2	1
1967	1	21	38	34	40	92	53	416	723	287	11	4
1968	10	9	9	16	80	76	166	212	58	2	3	3
1969	6	28	16	65	55	39	191	713	521	91	8	3
1970	8	10	90	298	93	80	111	311	176	11	4	2
1971	4	32	38	41	46	48	123	418	512	164	9	4
1972	10	16	21	15	16	121	129	263	124	4	2	5
1973	10	23	79	52	31	32	173	469	214	0	0	4
1974	6	76	50	163	56	123	171	499	385	77	0	13
1975	14	19	22	19	21	27	40	453	573	92	0	3
1976	18	25	17	14	17	31	49	113	12	2	6	4
1977	9	6	3	5	9	10	15	24	20	4	3	5
1978	3	3	19	19	14	65	135	452	368	56	6	23
1979	3	9	8	23	12	27	83	304	118	9	4	5
1980	6	7	9	167	78	47	204	507	366	96	11	18
1981	4	9	15	14	35	35	57	142	30	3	3	4
1982	5	179	261	73	293	135	260	593	449	118	10	13
1983	67	54	44	37	42	133	141	558	956	319	72	12
1984	16	208	172	120	65	131	173	455	323	37	7	7
1985	5	48	34	26	29	36	177	253	82	19	4	5
1986	7	19	27	51	272	387	265	408	304	31	6	6
1987	10	20	18	19	30	35	66	134	21	4	5	5
1988	2	8	15	11	14	16	66	72	28	2	2	4
1989	4	17	8	9	21	151	202	253	168	10	4	4
1990	14	10	9	15	11	44	103	131	72	6	2	6
1991	4	3	3	3	7	32	46	176	133	9	7	5
1992	6	5	4	4	15	22	105	76	21	4	5	5
1993	5	1	5	11	8	71	182	540	364	65	8	6
1994	8	6	8	8	9	27	90	100	16	5	2	2
1995	2	5	6	34	53	179	172	542	821	345	32	4
1996	6	6	49	41	183	96	220	555	191	8	4	5
1997	5	40	122	376	65	127	253	348	109	5	3	4
1998	6	9	13	35	41	90	147	295	467	165	4	5
1999	7	25	26	35	64	45	122	514	381	32	10	6
2000	6	14	12	32	67	46	191	326	87	4	2	6

# LOCAL WATER SUPPLY ALTERNATIVE

## Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	50	50	50	50	50	50	70	70	70	70	70	70
1902	50	50	64	203	50	154	243	407	437	70	70	289
1903	280	236	246	154	57	50	70	230	437	70	70	269
1904	250	50	207	293	1443	1350	1395	1350	1300	70	70	70
1905	50	50	515	349	90	50	214	407	437	70	70	360
1906	296	209	310	129	1494	1350	1395	451	437	1421	70	351
1907	379	304	386	604	1494	1350	1595	2140	2605	1456	70	70
1908	50	50	775	480	138	50	70	70	70	70	70	207
1909	302	218	312	977	1494	990	555	407	437	70	70	70
1910	50	250	896	1010	50	420	555	719	114	70	224	439
1911	288	192	197	432	1494	1350	1395	467	437	720	70	70
1912	136	146	259	218	283	341	144	70	70	70	70	286
1913	338	140	292	307	276	250	70	70	70	70	70	213
1914	359	197	267	50	1340	667	555	407	437	275	70	130
1915	275	231	335	261	196	124	70	70	322	70	70	126
1916	292	212	263	623	676	667	555	407	437	122	70	121
1917	324	169	210	308	573	667	555	407	437	368	70	138
1918	286	196	279	317	256	257	70	70	70	70	70	357
1919	153	155	246	245	180	172	70	70	70	70	70	371
1920	319	241	272	293	277	274	70	70	70	70	70	349
1921	314	50	147	77	55	50	70	70	70	70	70	92
1922	328	190	271	229	266	365	70	70	70	70	70	85
1923	385	228	276	262	228	50	70	70	194	124	70	249
1924	340	235	339	339	213	394	174	171	449	451	469	466
1925	341	152	214	207	50	50	70	70	70	70	70	184
1926	276	125	147	148	93	50	70	70	70	134	425	420
1927	178	51	73	50	50	50	70	70	70	70	70	70
1928	50	50	153	158	175	50	70	70	70	70	210	457
1929	368	150	151	181	184	50	70	70	70	323	442	313
1930	124	23	22	80	50	50	70	70	70	120	388	207
1931	71	28	11	7	10	11	25	70	83	34	0	0
1932	0	0	0	0	0	0	0	32	70	103	245	100
1933	0	0	0	0	0	0	0	1	34	63	16	0
1934	0	0	0	0	0	0	7	12	13	0	0	0
1935	0	0	0	0	0	0	0	4	69	91	30	0
1936	0	0	0	0	11	50	70	70	70	70	403	436
1937	204	50	50	50	50	50	70	70	70	70	463	454
1938	251	50	50	50	50	50	4	25	70	70	70	70
1939	50	100	287	297	293	154	70	70	70	308	420	362
1940	342	223	226	50	50	50	70	70	70	70	70	70
1941	50	123	185	173	50	50	190	407	437	70	70	148
1942	222	191	269	762	1404	667	555	407	437	220	70	70
1943	234	50	549	1082	1494	856	555	407	437	133	70	70
1944	193	53	229	328	322	288	70	70	70	70	118	311
1945	310	168	80	212	50	100	70	70	70	70	70	166
1946	199	50	198	134	221	50	70	555	281	70	126	268
1947	183	73	214	262	88	50	70	70	70	230	475	332
1948	235	228	302	95	168	245	70	70	70	70	70	208
1949	266	151	274	247	190	169	70	70	70	70	130	363

# Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1950	246	50	167	101	50	50	70	70	70	70	70	70
1951	50	50	1013	857	50	145	555	444	398	70	70	242
1952	197	50	308	719	1443	1350	1395	941	437	948	70	70
1953	50	50	498	670	50	638	555	407	437	356	70	70
1954	50	50	50	50	210	50	70	145	113	70	330	374
1955	319	198	252	314	314	302	168	70	70	70	237	328
1956	239	153	50	83	711	667	555	407	437	220	70	70
1957	105	50	202	271	50	307	555	407	437	70	121	323
1958	175	103	199	267	1494	964	555	407	437	291	70	70
1959	50	98	250	142	184	115	70	70	70	302	446	243
1960	271	234	281	284	73	50	70	70	70	70	193	317
1961	271	109	157	190	146	115	173	70	97	356	192	65
1962	0	0	0	0	3	76	70	70	70	134	338	143
1963	50	50	41	1	1	2	70	70	70	70	70	70
1964	50	50	79	111	196	82	70	70	70	70	70	269
1965	290	50	50	50	44	2	70	70	70	70	70	70
1966	1	198	700	239	50	50	70	70	70	70	172	354
1967	260	91	79	69	1090	667	555	407	437	569	70	70
1968	50	50	191	333	50	50	70	422	70	70	206	367
1969	233	84	226	788	1494	1350	1395	1029	437	182	70	70
1970	210	50	254	1350	841	667	555	407	437	70	70	377
1971	232	50	183	330	853	667	555	407	437	226	70	210
1972	204	131	194	224	172	50	70	70	70	70	70	304
1973	143	75	50	187	106	156	83	556	282	70	214	293
1974	217	50	523	748	992	667	555	407	437	198	70	129
1975	246	203	276	275	193	565	555	407	437	109	70	174
1976	50	50	341	281	255	276	122	70	308	469	452	423
1977	314	186	294	279	231	192	275	298	297	437	244	77
1978	8	0	7	50	50	50	70	70	70	70	70	132
1979	115	50	50	50	96	50	70	70	70	70	422	420
1980	274	50	50	50	50	43	70	70	70	70	70	70
1981	50	50	50	218	79	195	70	70	70	414	453	447
1982	323	50	50	41	1494	1265	555	407	437	268	70	70
1983	50	982	1270	1171	1494	1350	1395	1350	2589	1077	307	70
1984	50	1950	1626	1318	1443	713	555	407	437	70	70	311
1985	254	50	127	207	181	117	70	70	70	70	145	414
1986	288	172	220	50	1494	1350	1395	848	437	70	70	321
1987	183	166	261	242	152	170	70	70	70	424	444	453
1988	340	112	140	134	132	50	183	174	327	246	120	0
1989	0	0	0	0	0	9	70	70	70	133	249	124
1990	53	30	15	8	13	25	57	70	70	80	17	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	14	47	12	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	70	70	70	70	70	70
1996	50	50	50	50	394	667	555	407	437	70	70	382
1997	320	50	1182	3009	1494	817	555	407	437	70	70	412
1998	296	170	262	50	1494	1152	555	407	437	556	70	90
1999	259	50	201	637	1494	1350	987	407	437	70	70	93
2000	282	150	267	94	50	50	79	751	81	70	148	410

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	178	202	148	123	378	486	657	969	638	238	88	163
1902	126	156	166	273	186	272	840	1033	855	169	98	380
1903	333	285	300	226	189	212	573	835	801	159	107	342
1904	306	262	258	327	1836	2011	2255	2354	1925	269	136	171
1905	198	143	575	448	207	308	637	778	751	134	93	430
1906	335	272	338	214	1612	1613	2255	1560	1259	1750	72	403
1907	394	339	392	607	1655	1913	2684	3228	3575	1921	199	132
1908	149	135	832	560	237	246	501	353	335	137	90	268
1909	335	278	339	1527	1731	1144	1364	1306	1268	331	135	122
1910	185	481	1075	1139	177	834	1238	1132	291	97	235	476
1911	343	269	261	544	1618	1519	2302	1763	1699	1140	144	176
1912	193	232	295	267	324	392	249	513	407	136	97	363
1913	362	229	323	333	318	329	441	528	305	144	106	278
1914	373	263	306	295	1531	1100	1534	1544	1187	478	131	193
1915	322	281	349	305	267	243	691	700	805	200	104	210
1916	341	272	307	689	791	1082	1591	1186	1045	324	113	205
1917	357	247	270	339	626	747	1149	1076	1028	527	115	219
1918	322	256	317	339	305	349	630	520	283	76	79	423
1919	256	240	298	298	252	297	902	942	245	98	80	432
1920	341	284	309	326	320	358	380	590	271	100	76	409
1921	342	163	203	169	147	377	470	571	561	185	87	154
1922	346	257	313	285	313	402	249	1198	928	252	89	139
1923	399	277	315	310	287	223	598	766	529	242	78	304
1924	361	277	346	348	278	419	288	297	465	461	472	497
1925	344	209	233	234	250	255	501	529	246	102	80	249
1926	309	180	186	193	167	196	515	341	138	142	438	462
1927	182	144	147	158	291	413	770	915	781	218	95	134
1928	85	158	211	224	238	604	573	547	165	85	214	502
1929	376	207	195	216	218	127	278	443	195	354	452	357
1930	133	72	133	160	164	256	601	433	253	153	409	264
1931	85	88	32	41	46	99	182	252	129	52	6	12
1932	24	41	20	46	63	190	425	703	589	205	256	166
1933	15	43	19	21	9	45	170	280	409	105	22	55
1934	6	69	40	42	65	239	228	105	49	13	6	37
1935	5	54	24	36	40	57	597	774	524	149	41	16
1936	71	48	17	73	108	342	894	855	436	141	407	443
1937	258	88	60	118	130	166	512	668	356	114	469	471
1938	291	120	472	164	146	188	876	1467	1014	285	103	132
1939	121	170	309	315	317	277	376	239	135	325	439	383
1940	353	260	239	138	188	472	745	843	354	120	156	121
1941	137	204	243	249	204	273	548	1152	775	176	91	240
1942	307	254	444	905	1545	835	1179	959	1085	355	81	135
1943	275	205	675	1257	1673	1259	1347	981	705	216	84	137
1944	244	141	251	353	343	361	290	521	265	99	123	343
1945	348	250	185	289	193	236	473	624	352	114	79	231
1946	240	182	326	296	293	242	614	1141	511	107	133	331
1947	224	190	258	304	207	229	323	365	150	238	478	344
1948	304	283	309	168	194	290	339	488	504	132	77	268
1949	307	212	286	270	223	207	440	508	220	80	136	372
1950	324	149	179	170	168	269	621	720	529	168	78	127
1951	132	569	1731	1066	281	283	944	823	580	128	103	319

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	238	172	385	781	1523	1449	2381	2494	1372	1310	143	167
1953	134	121	559	833	183	834	1176	945	1012	597	141	142
1954	195	135	90	97	269	232	466	526	204	89	337	399
1955	349	260	281	334	341	381	273	404	329	103	250	376
1956	272	210	657	474	857	955	1120	1215	1102	401	102	140
1957	207	166	256	317	179	512	818	798	817	130	133	391
1958	249	197	268	308	1649	1127	1015	1584	1174	487	109	147
1959	131	188	289	219	247	232	293	274	172	314	455	338
1960	334	270	285	290	172	313	401	324	230	85	199	385
1961	295	147	165	195	210	181	286	291	250	372	198	92
1962	44	42	15	15	76	167	602	487	385	174	346	203
1963	324	175	178	189	592	220	385	740	449	147	94	100
1964	159	244	149	172	244	169	318	465	331	112	90	337
1965	321	108	804	431	213	221	619	725	571	231	159	139
1966	109	292	745	288	95	234	407	409	150	107	200	383
1967	276	201	212	191	1234	967	749	1451	1670	1057	126	162
1968	92	145	235	400	314	303	338	771	206	89	225	449
1969	285	187	291	1032	1653	1500	2144	2438	1261	374	104	149
1970	245	144	423	2098	1136	887	796	920	772	137	85	431
1971	263	219	294	460	983	887	986	1165	1209	486	92	230
1972	289	218	257	300	287	409	341	431	307	94	78	376
1973	224	176	177	352	224	292	561	1326	576	96	222	395
1974	272	291	678	1166	1191	922	1053	1206	989	392	92	201
1975	287	264	324	327	280	701	713	1269	1333	298	92	231
1976	217	166	390	315	305	338	240	273	354	476	465	478
1977	320	228	306	297	263	224	360	386	368	452	263	116
1978	13	33	83	183	156	371	419	712	676	254	98	199
1979	147	105	70	116	166	195	311	651	287	109	439	477
1980	301	117	99	578	427	268	609	903	620	312	111	155
1981	66	107	98	257	193	307	323	291	141	421	458	463
1982	341	608	750	287	2221	1721	1307	1533	1111	543	125	150
1983	315	1169	1440	1304	1647	1884	1914	2743	4244	1684	505	172
1984	146	2510	2130	1606	1623	1060	990	1130	892	196	103	388
1985	278	191	187	260	254	259	600	464	208	101	168	453
1986	314	231	269	225	2490	2289	2032	1422	886	173	102	349
1987	277	225	289	283	232	273	358	263	123	441	458	498
1988	345	147	183	182	178	127	325	299	400	257	125	42
1989	4	90	43	38	86	484	719	497	335	174	255	203
1990	115	114	46	69	76	205	447	264	194	97	33	47
1991	24	37	6	8	24	133	208	285	205	48	40	18
1992	38	59	18	17	77	105	261	126	29	19	8	32
1993	3	36	44	83	88	480	661	1002	630	202	45	58
1994	21	42	26	21	43	93	151	169	54	8	4	7
1995	19	59	35	216	247	728	667	1195	1214	660	157	157
1996	69	95	182	186	887	1077	1224	1504	820	163	92	439
1997	333	198	1595	4363	1773	1276	1246	1030	698	136	84	469
1998	312	243	300	181	1639	1585	1097	1085	1417	890	115	198
1999	285	175	272	764	1645	1699	1490	1367	1140	210	115	172
2000	300	217	294	199	247	315	609	1275	279	99	157	449

# Truckee River below Confluence of Little Truckee River (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	449	377	373	398	798	990	833	2266	1470	608	556	509
1902	553	398	397	398	394	490	1214	1610	1530	595	557	545
1903	767	400	407	397	416	489	882	1299	1264	585	520	498
1904	720	510	401	400	2443	3409	3321	4105	2793	564	558	516
1905	765	401	670	602	406	638	866	1161	1239	582	516	495
1906	741	403	403	390	1720	1838	3662	3413	2136	2202	557	559
1907	732	410	404	612	1786	2878	4697	5107	4369	2719	553	508
1908	841	403	924	665	411	519	786	1169	1087	581	517	497
1909	401	402	403	2133	1915	1278	1967	3110	2235	687	554	509
1910	776	764	1328	1350	408	1676	2018	1420	1042	578	521	501
1911	481	415	412	619	1696	1631	4040	3989	3410	1873	552	513
1912	727	403	395	396	405	496	626	852	770	586	519	499
1913	534	404	400	402	416	494	978	1321	997	643	518	498
1914	399	402	396	508	1670	1639	2415	3002	2103	732	556	546
1915	725	400	400	402	400	491	1108	1519	1588	580	553	541
1916	774	402	404	763	913	1656	3175	2450	1926	637	550	542
1917	756	404	402	403	674	791	1682	2126	1926	766	561	543
1918	724	397	402	400	403	512	873	1268	1074	580	516	490
1919	406	403	404	402	397	509	1321	1514	881	577	515	495
1920	413	396	401	436	523	509	923	1397	930	640	515	494
1921	401	359	351	379	381	553	557	849	939	548	519	498
1922	471	402	406	404	403	493	446	2022	1921	608	555	546
1923	672	398	403	406	399	524	805	1295	1040	576	514	493
1924	777	392	394	396	404	498	532	987	842	642	645	564
1925	500	378	378	300	441	461	727	820	789	527	517	492
1926	393	314	378	378	393	470	715	983	623	562	552	558
1927	355	352	304	312	394	724	1139	1703	1442	575	550	506
1928	488	389	395	352	354	1156	806	871	849	643	645	564
1929	468	428	379	382	379	416	692	955	611	559	554	559
1930	440	190	366	343	362	544	854	989	728	562	514	495
1931	393	358	221	180	159	290	418	531	427	189	126	76
1932	84	104	108	187	182	315	437	1074	1000	509	482	496
1933	472	116	169	161	171	240	468	553	1007	526	366	154
1934	149	181	154	186	233	556	521	503	232	164	133	77
1935	57	133	106	134	152	156	1044	1386	830	520	504	321
1936	183	171	174	223	280	542	1330	1350	838	500	496	494
1937	495	297	355	310	296	285	641	956	596	541	518	495
1938	595	301	791	295	311	348	1663	4097	2057	594	543	518
1939	541	400	395	394	398	515	726	808	774	742	519	477
1940	429	417	432	348	408	1008	1013	1423	768	581	504	484
1941	507	405	397	408	416	518	992	1449	1115	634	517	480
1942	843	402	651	1240	1724	1018	1809	1654	1884	585	547	514
1943	751	401	851	1605	2023	1951	2151	1574	1143	572	511	446
1944	753	390	383	401	399	506	604	1214	775	741	520	468
1945	394	395	412	403	401	512	539	835	685	527	516	467
1946	546	410	470	794	404	521	807	1430	876	734	514	469
1947	702	408	394	461	460	504	826	1017	844	642	647	539
1948	397	481	432	345	404	466	664	861	720	570	523	458
1949	481	351	347	328	352	319	610	629	633	561	545	475
1950	653	370	354	302	323	443	860	1078	950	602	502	469
1951	446	1360	2324	1331	623	503	1101	942	735	533	511	483



1952	674	410	484	848	1575	1526	3446	6075	2277	1901	537	489
1953	756	396	723	1090	587	1311	1760	2512	1846	1125	502	464
1954	1100	401	399	401	401	522	673	864	940	745	509	481
1955	420	482	384	460	476	510	791	824	844	564	507	477
1956	377	401	1128	843	1008	1226	1294	1778	1706	657	540	516
1957	721	398	398	398	400	646	842	1119	1400	591	546	521
1958	776	399	407	399	1796	1304	1197	3493	2090	741	533	508
1959	733	405	400	405	398	514	844	1060	951	734	644	564
1960	549	472	431	432	426	611	841	902	629	555	544	549
1961	474	349	324	291	307	304	477	513	556	533	352	257
1962	96	102	97	101	195	302	651	663	859	529	499	447
1963	626	347	444	365	1070	383	473	1031	670	513	477	473
1964	390	374	361	348	345	458	903	1377	1238	742	545	470
1965	398	413	1250	724	422	490	801	1126	887	596	506	468
1966	603	432	903	435	397	525	557	1043	845	651	644	478
1967	378	462	414	401	1335	1173	855	2737	3000	1756	535	482
1968	734	406	397	477	528	674	609	1193	768	580	521	500
1969	474	400	403	1313	1781	1670	3022	4446	2241	653	544	538
1970	698	391	614	3163	1609	1338	837	1341	1257	581	509	487
1971	723	413	412	554	1139	1253	1339	2569	2129	805	548	524
1972	750	397	402	404	411	690	665	1246	1128	743	519	498
1973	390	400	410	435	410	518	733	1706	867	701	521	489
1974	713	546	829	1527	1340	1167	1420	2258	1743	616	551	536
1975	742	402	406	400	400	803	738	2471	2362	605	556	515
1976	788	398	416	404	405	567	868	1005	849	643	645	563
1977	504	442	431	432	411	415	676	759	619	562	517	275
1978	150	170	222	361	293	518	497	1093	1148	530	493	456
1979	400	294	367	302	303	327	462	853	570	564	519	501
1980	573	318	331	1064	753	531	786	1523	1385	653	548	500
1981	431	393	397	400	409	513	541	812	956	640	642	493
1982	488	1004	1334	548	2901	2401	2207	3411	1914	886	546	509
1983	864	1440	1724	1520	1921	2810	2815	5278	6141	2522	812	525
1984	905	3362	2945	2115	1936	1714	1277	2065	1514	593	548	544
1985	766	404	398	398	402	521	740	1229	1077	576	520	497
1986	389	397	396	414	3223	3598	2694	2130	1540	484	539	513
1987	786	395	395	398	402	512	572	1062	951	644	647	567
1988	405	373	378	380	378	416	688	763	627	498	304	160
1989	138	278	214	194	330	905	910	991	969	591	496	499
1990	397	341	222	280	268	364	754	532	570	532	229	81
1991	77	101	98	99	105	312	508	514	530	435	138	78
1992	103	134	103	97	230	305	537	500	187	140	120	69
1993	57	99	148	239	245	695	872	1707	997	581	497	361
1994	383	116	123	199	232	419	576	706	392	241	214	150
1995	141	174	172	409	449	1234	1109	2038	1688	1061	504	497
1996	446	337	359	396	1633	1756	1898	2967	1419	514	554	549
1997	761	404	1938	6578	2217	2161	1884	1715	1122	539	583	550
1998	755	403	401	411	1737	1944	1508	2563	2290	1294	500	508
1999	729	407	397	845	1813	2297	1967	2810	2051	522	539	542
2000	760	395	394	406	431	541	973	1707	1092	609	512	494

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	58	30	146	63	176	104	65	646	433	248	147	59
1902	91	72	101	65	148	160	524	120	274	190	98	30
1903	199	30	38	58	121	200	325	201	160	147	49	42
1904	216	150	66	32	320	541	555	976	525	151	185	36
1905	328	81	51	71	97	211	130	318	218	131	59	42
1906	163	30	30	89	99	208	707	761	401	196	72	30
1907	230	30	30	30	161	366	891	1057	347	232	155	89
1908	298	72	58	74	71	180	203	535	516	209	41	30
1909	46	30	30	444	35	30	80	979	382	105	123	93
1910	283	138	110	135	129	384	393	230	328	127	36	30
1911	87	44	93	154	152	212	793	1093	568	208	117	37
1912	351	62	34	49	43	68	127	338	195	106	30	30
1913	42	43	30	30	53	107	379	694	523	223	42	30
1914	38	30	30	197	145	162	61	489	469	122	121	30
1915	304	30	30	52	78	157	349	187	267	201	104	30
1916	149	30	37	68	102	323	767	776	420	105	111	30
1917	276	33	59	38	53	126	305	407	356	70	105	30
1918	282	30	30	30	44	86	350	277	599	177	30	30
1919	101	30	30	59	88	121	606	60	231	185	30	30
1920	38	30	30	30	162	77	633	756	479	202	30	30
1921	40	47	57	147	167	406	186	47	30	148	51	30
1922	38	30	30	35	33	48	347	457	607	232	158	30
1923	75	30	30	56	53	167	420	205	196	166	30	45
1924	171	30	30	30	30	45	114	467	372	162	158	47
1925	108	110	107	31	194	162	260	63	205	130	32	30
1926	41	30	63	133	147	261	337	333	195	81	74	40
1927	113	106	78	102	234	274	61	30	48	149	156	39
1928	38	56	58	59	50	522	65	65	318	188	161	34
1929	38	96	128	127	118	198	317	493	244	125	73	30
1930	110	81	159	123	170	287	325	232	216	125	30	30
1931	32	39	93	91	48	108	149	154	214	109	86	30
1932	30	30	30	21	10	141	429	45	30	78	30	30
1933	30	30	30	59	112	127	198	320	441	30	103	74
1934	106	82	65	40	42	173	152	57	65	73	71	29
1935	23	30	30	67	59	42	462	246	30	36	50	48
1936	58	92	121	82	105	254	339	51	30	50	30	30
1937	30	30	36	106	134	182	280	60	30	145	30	30
1938	30	30	148	87	74	78	41	1198	425	81	157	30
1939	260	40	30	30	33	122	255	476	382	288	30	30
1940	30	30	169	68	111	351	155	57	72	203	162	58
1941	44	30	30	32	102	224	451	58	37	219	36	47
1942	202	30	183	74	93	152	387	423	419	76	82	30
1943	316	176	111	141	133	341	502	306	162	138	43	39
1944	233	85	30	30	30	74	192	822	374	292	30	30
1945	30	33	123	59	143	157	378	156	57	101	30	30
1946	138	86	91	72	39	216	231	63	113	250	30	33
1947	174	48	32	118	164	178	560	578	412	159	156	82
1948	46	110	103	66	97	144	351	523	133	140	30	30
1949	78	30	30	30	30	79	255	412	243	100	64	30
1950	75	119	89	73	106	152	329	71	30	198	30	30
1951	106	162	185	30	30	72	63	65	30	59	61	34

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	74	103	77	49	128	110	249	1250	381	181	111	35
1953	416	63	56	120	101	158	331	440	223	92	91	84
1954	415	53	45	46	30	134	317	258	506	278	30	30
1955	30	61	30	72	102	63	454	601	270	118	34	30
1956	38	30	485	30	30	30	56	30	183	81	78	30
1957	356	85	54	30	84	215	70	272	236	120	69	30
1958	248	102	74	30	119	109	376	1124	475	93	80	30
1959	377	92	51	72	45	134	355	727	537	260	163	113
1960	132	100	104	104	173	339	419	442	251	99	65	72
1961	181	74	36	30	32	51	93	153	134	53	71	30
1962	30	30	30	30	30	46	580	57	199	30	45	30
1963	30	50	156	30	30	30	68	44	30	68	30	30
1964	105	88	30	42	30	175	763	708	739	302	81	34
1965	61	106	369	30	63	113	65	37	30	210	66	74
1966	186	50	34	39	40	155	161	433	415	199	218	30
1967	30	48	86	76	111	371	71	508	671	346	96	30
1968	314	106	40	43	208	206	227	193	330	109	36	34
1969	65	30	46	140	97	135	572	1164	559	81	101	30
1970	283	97	137	542	204	280	85	272	210	137	43	30
1971	170	152	91	97	78	177	336	868	572	171	78	30
1972	301	51	64	52	52	285	197	669	672	285	30	30
1973	68	35	93	137	82	114	439	53	30	217	30	79
1974	54	137	121	210	30	60	226	587	414	91	83	30
1975	297	30	35	37	71	88	121	675	554	138	82	43
1976	320	67	48	46	30	84	405	636	394	153	172	49
1977	102	96	100	106	106	145	220	301	163	82	161	124
1978	106	86	61	87	68	278	30	30	30	89	31	34
1979	30	30	95	63	43	96	226	42	99	116	33	30
1980	30	73	85	37	30	51	30	74	365	114	162	50
1981	197	39	42	36	85	88	193	596	502	157	159	30
1982	30	414	30	30	30	291	552	873	440	128	86	72
1983	397	123	135	110	152	352	502	1460	1124	472	132	40
1984	420	416	376	228	144	329	213	548	319	174	89	30
1985	140	93	40	48	52	134	393	406	721	184	30	30
1986	30	30	30	81	287	554	475	425	286	45	82	30
1987	274	36	38	49	66	112	198	520	501	168	169	52
1988	31	88	124	131	121	189	247	358	171	104	158	89
1989	105	113	104	91	129	605	53	299	216	145	30	30
1990	42	56	98	127	122	174	332	151	99	55	104	30
1991	38	30	30	30	30	112	139	234	167	36	47	30
1992	42	30	29	24	30	88	179	84	114	87	86	7
1993	23	16	42	57	54	316	49	30	30	170	37	30
1994	30	30	30	38	128	185	322	434	220	200	179	110
1995	115	35	74	134	161	30	30	30	79	30	52	30
1996	283	38	100	100	370	337	388	785	236	81	85	30
1997	210	88	194	867	151	327	247	328	147	88	119	30
1998	156	38	38	97	103	294	233	805	488	189	46	45
1999	331	76	74	103	78	249	321	827	439	129	95	30
2000	191	34	32	84	134	203	268	250	272	147	30	30

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	121	57	52	29	165	247	268	636	542	112	8	70
1902	60	31	54	26	64	55	273	528	427	56	39	47
1903	23	5	17	39	50	87	210	453	372	56	39	22
1904	33	110	14	9	230	411	394	675	578	144	30	48
1905	37	26	32	57	43	146	182	321	293	39	31	21
1906	42	7	9	47	50	135	422	794	761	289	19	8
1907	17	5	5	5	66	341	517	702	757	382	72	45
1908	34	16	30	41	33	96	181	231	266	52	12	18
1909	25	5	8	326	85	88	379	630	725	181	30	55
1910	63	117	99	60	57	250	319	363	190	18	13	15
1911	35	13	27	56	53	91	444	762	1092	346	37	50
1912	26	16	14	22	5	14	66	383	354	40	17	38
1913	20	18	10	8	7	36	158	398	204	39	22	35
1914	18	6	9	144	75	268	471	693	611	138	39	16
1915	23	5	7	13	21	65	264	564	473	96	25	21
1916	51	6	12	29	51	252	507	553	587	165	50	40
1917	28	12	25	8	12	40	281	593	583	125	45	35
1918	25	8	10	8	10	36	234	358	221	5	4	29
1919	44	18	19	16	25	54	359	569	153	13	3	30
1920	23	5	10	9	6	31	130	403	196	16	4	30
1921	26	31	24	50	50	189	210	419	414	64	9	29
1922	22	9	11	20	9	12	143	729	713	114	3	25
1923	17	5	10	14	15	84	224	520	321	88	3	26
1924	21	5	7	7	16	5	35	89	11	2	6	4
1925	21	10	9	9	99	103	185	395	209	20	5	34
1926	29	8	16	15	24	88	181	229	66	3	8	23
1927	20	29	37	47	108	185	294	602	653	123	7	32
1928	30	42	31	26	16	315	205	406	105	5	4	17
1929	18	7	15	9	5	39	65	288	148	17	6	24
1930	21	5	55	28	43	101	222	305	223	14	11	27
1931	22	9	8	8	5	42	46	129	45	46	49	6
1932	9	6	10	30	21	68	210	487	421	86	33	5
1933	9	6	9	9	33	9	88	207	354	22	8	5
1934	12	8	12	18	24	129	83	92	88	55	29	6
1935	22	36	9	13	11	14	244	463	381	70	30	3
1936	8	6	21	31	34	130	352	524	355	52	3	16
1937	12	11	7	32	38	72	216	452	236	17	3	26
1938	21	8	226	31	46	60	395	895	804	160	9	35
1939	33	14	10	9	5	59	124	204	60	20	6	6
1940	14	5	9	51	65	261	303	490	286	34	30	42
1941	27	18	30	35	74	129	151	483	325	71	11	62
1942	33	10	104	108	67	86	297	437	502	106	18	19
1943	26	57	73	117	89	206	343	415	264	62	24	22
1944	23	26	17	8	5	27	105	381	168	14	3	21
1945	19	15	46	26	86	61	197	436	257	16	6	33
1946	32	42	68	141	15	114	274	444	224	18	7	33
1947	29	30	22	21	46	82	185	256	56	5	4	19
1948	34	14	14	60	24	21	147	346	355	39	7	27
1949	19	14	13	13	14	19	220	387	100	6	5	22
1950	19	12	14	27	37	74	294	547	360	71	7	30
1951	41	460	378	103	132	104	284	372	128	14	8	32

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	34	32	37	28	29	41	363	902	810	359	57	45
1953	17	22	32	85	55	83	281	382	547	194	20	26
1954	43	28	26	27	28	113	308	377	51	31	8	7
1955	13	19	18	16	15	27	73	349	223	12	7	31
1956	28	17	349	155	84	100	288	663	476	119	15	29
1957	39	32	29	24	48	94	191	460	323	29	18	19
1958	31	25	35	27	61	72	155	884	573	139	19	38
1959	30	14	22	55	43	79	200	179	79	13	6	24
1960	19	8	10	11	38	132	274	233	135	9	6	29
1961	21	10	12	11	24	39	97	185	112	7	6	27
1962	22	9	14	11	28	28	274	346	249	29	16	18
1963	179	64	115	137	467	94	131	507	315	48	10	40
1964	33	91	40	37	24	43	198	372	172	18	7	30
1965	21	17	438	138	103	102	291	491	424	120	53	42
1966	26	29	29	33	29	64	284	319	32	31	30	5
1967	7	35	59	53	48	140	75	579	954	386	27	43
1968	35	23	21	30	107	114	215	267	81	31	17	7
1969	18	38	25	89	64	59	300	941	669	131	30	16
1970	32	16	108	392	134	112	163	400	242	23	23	7
1971	31	47	52	56	58	78	184	551	664	224	31	20
1972	43	24	31	24	23	170	190	332	173	10	6	35
1973	28	29	95	80	41	62	253	602	261	9	5	26
1974	35	133	104	211	79	167	226	634	494	121	23	31
1975	30	26	33	30	27	42	50	576	724	134	23	31
1976	51	40	31	27	22	38	62	143	23	6	10	18
1977	25	10	6	13	14	17	22	30	24	7	7	22
1978	17	9	30	34	19	108	188	551	476	95	10	53
1979	22	14	13	45	18	51	119	381	152	16	7	29
1980	26	14	20	217	106	72	277	652	461	143	16	27
1981	49	31	30	29	43	52	74	182	35	31	6	7
1982	12	259	346	101	370	177	338	781	585	173	24	53
1983	116	67	76	55	61	162	178	720	1249	437	103	55
1984	46	276	221	145	84	199	238	589	408	65	30	24
1985	29	63	51	43	38	57	227	327	102	25	8	33
1986	28	24	34	70	352	512	374	509	381	52	28	20
1987	43	39	37	38	38	54	85	144	26	12	8	14
1988	17	14	26	22	19	36	76	83	33	6	5	27
1989	23	30	24	14	27	202	293	329	219	17	8	35
1990	41	22	18	29	16	67	151	157	84	9	6	27
1991	20	6	8	10	12	51	59	218	165	22	27	8
1992	27	13	12	12	20	32	137	89	112	102	70	11
1993	16	6	17	24	13	83	212	613	393	125	37	10
1994	11	11	18	16	13	34	109	127	86	60	27	5
1995	30	12	15	64	61	205	198	629	1023	456	53	18
1996	34	22	81	66	237	140	292	748	270	30	23	21
1997	25	68	185	550	91	174	347	468	160	18	22	17
1998	28	19	25	59	59	124	184	396	634	234	32	26
1999	29	46	44	57	82	70	163	688	506	64	34	23
2000	27	25	21	53	86	71	264	418	124	30	7	11

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	45	62	20	25	65	99	85	98	83	10	3	53
1902	33	56	21	26	30	38	76	53	60	3	2	54
1903	26	40	14	15	31	43	70	49	53	4	2	54
1904	27	75	21	12	76	131	122	120	102	15	2	56
1905	52	52	14	27	32	49	66	40	23	2	2	53
1906	22	43	10	22	39	57	130	175	161	34	2	52
1907	15	35	6	3	24	90	160	155	167	43	8	3
1908	80	49	13	21	25	39	65	33	7	2	2	52
1909	19	42	9	96	104	35	106	114	136	19	2	2
1910	91	78	42	40	37	73	114	42	15	2	3	21
1911	42	48	13	25	34	42	109	146	222	34	3	57
1912	29	49	13	12	14	17	12	38	29	2	2	53
1913	19	50	12	7	12	21	53	41	13	2	2	53
1914	15	43	9	41	60	71	144	122	105	14	2	54
1915	24	40	6	12	20	26	86	60	72	8	2	54
1916	25	43	11	13	26	66	137	82	87	15	2	54
1917	22	47	12	13	15	21	82	69	94	11	2	54
1918	23	44	13	8	14	20	69	39	10	3	3	41
1919	37	50	13	17	19	31	96	93	21	2	3	49
1920	16	40	11	11	14	20	41	44	16	2	3	49
1921	16	53	13	24	34	62	79	45	55	5	3	52
1922	17	45	10	12	15	18	37	145	128	10	3	51
1923	14	40	11	13	20	31	77	68	47	8	3	51
1924	18	40	6	6	19	2	2	2	3	3	3	30
1925	2	40	8	10	33	55	59	40	7	2	3	49
1926	21	44	12	15	16	16	66	24	2	3	2	36
1927	2	48	16	28	50	73	95	89	116	11	2	53
1928	24	57	15	21	19	68	87	42	2	3	3	44
1929	8	44	13	11	11	2	35	33	2	2	3	43
1930	8	41	20	27	27	45	74	35	3	2	2	50
1931	10	39	8	10	9	2	32	5	2	11	4	3
1932	22	36	6	15	25	47	82	65	98	6	3	52
1933	14	39	11	12	5	13	24	36	31	3	3	50
1934	4	48	11	12	20	50	24	2	2	3	3	30
1935	3	35	13	16	6	17	55	98	68	2	3	2
1936	69	38	3	14	28	47	111	102	50	3	3	3
1937	54	35	3	3	9	23	59	67	36	2	3	15
1938	38	47	65	62	23	46	82	126	173	23	3	50
1939	30	41	7	5	6	12	34	2	2	3	3	15
1940	9	37	8	14	23	59	117	83	35	2	6	6
1941	76	42	12	15	25	31	41	63	39	2	2	55
1942	35	39	26	39	33	29	54	47	108	4	3	51
1943	11	62	22	33	38	67	123	42	29	5	3	50
1944	13	44	4	12	10	15	25	46	28	2	2	21
1945	37	53	15	31	36	31	69	62	33	2	2	52
1946	22	55	29	57	31	15	83	64	27	3	3	41
1947	13	55	9	10	23	49	51	29	2	2	3	2
1948	50	37	3	25	18	17	57	49	66	2	2	52
1949	11	42	7	19	20	22	34	51	15	3	3	3
1950	51	41	3	19	30	52	98	80	57	5	3	51
1951	20	174	164	45	16	2	37	19	2	3	3	45

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	6	40	15	21	22	24	101	189	158	33	2	54
1953	20	43	15	30	34	41	76	44	70	17	2	2
1954	77	51	12	15	16	36	72	38	2	3	3	17
1955	29	48	14	10	11	20	27	36	13	2	3	31
1956	29	47	92	124	44	58	103	77	77	8	2	53
1957	29	58	14	21	33	50	51	49	52	8	2	52
1958	25	49	13	15	31	51	81	163	106	13	2	55
1959	22	42	8	11	13	2	20	15	2	2	3	43
1960	30	35	2	3	29	61	77	30	2	3	3	38
1961	3	33	2	2	20	24	25	30	5	2	3	18
1962	42	41	10	11	18	36	113	54	49	2	3	50
1963	101	46	28	41	122	94	35	93	47	2	3	2
1964	64	75	25	21	19	20	52	43	24	2	2	43
1965	20	40	173	150	13	44	104	57	61	7	4	2
1966	68	45	13	13	16	31	75	30	2	2	3	19
1967	12	57	36	44	28	57	36	120	211	41	2	54
1968	16	42	19	25	53	63	37	32	2	2	2	48
1969	19	53	22	56	55	34	101	204	113	13	2	53
1970	22	38	31	151	106	28	44	45	36	2	2	47
1971	28	57	28	43	35	44	86	103	103	10	2	2
1972	74	44	15	28	51	78	88	2	4	2	3	50
1973	36	50	21	40	38	32	48	95	29	2	3	48
1974	23	79	40	84	87	65	60	101	74	20	3	50
1975	14	41	15	24	35	44	27	46	133	9	2	14
1976	91	58	14	7	12	2	22	17	2	2	2	40
1977	3	33	6	7	10	2	2	2	2	3	0	27
1978	3	22	18	36	35	56	72	86	92	10	3	29
1979	28	37	2	15	23	30	53	65	24	2	3	37
1980	24	39	14	85	109	38	88	74	85	11	3	50
1981	14	37	14	4	23	20	46	25	2	3	3	13
1982	16	131	142	72	91	108	101	138	95	16	2	7
1983	117	64	29	37	39	73	64	118	281	57	9	55
1984	32	131	110	62	36	52	73	75	50	4	3	52
1985	14	60	15	11	19	22	90	34	2	2	3	20
1986	23	35	12	43	163	193	131	49	41	2	3	2
1987	68	36	4	9	17	2	35	7	2	3	3	37
1988	3	28	12	15	13	2	14	2	2	2	3	37
1989	3	47	14	15	21	104	162	39	10	2	3	50
1990	28	51	12	15	21	17	82	2	2	2	3	32
1991	23	36	2	2	8	28	38	36	5	2	25	7
1992	36	42	8	6	19	13	32	2	5	4	4	30
1993	2	33	13	22	27	71	123	131	89	8	3	52
1994	16	38	7	7	13	2	23	5	10	3	3	3
1995	17	44	12	46	72	108	121	152	185	53	2	55
1996	16	38	26	40	92	100	100	147	39	2	3	49
1997	11	63	94	238	96	41	112	39	6	2	3	50
1998	12	42	9	28	42	69	85	66	176	25	2	55
1999	18	58	17	36	47	54	73	145	93	5	2	52
2000	14	40	5	21	47	56	100	45	8	3	3	25

# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	135	111	65	64	174	175	5	219	85	41	262	5
1902	170	61	99	36	101	49	5	105	84	49	28	38
1903	328	12	37	41	52	98	66	199	23	54	44	12
1904	313	74	68	20	83	238	99	541	290	115	31	16
1905	331	30	36	45	52	104	66	98	118	40	13	10
1906	353	40	15	83	100	110	150	364	5	5	5	5
1907	294	5	5	5	54	206	318	590	126	195	58	21
1908	331	20	28	30	38	78	27	325	72	167	10	8
1909	15	18	13	167	63	92	79	615	146	96	28	18
1910	375	113	109	68	91	119	5	50	409	5	11	20
1911	48	27	29	58	64	95	286	608	252	176	33	18
1912	333	20	20	23	19	31	79	66	66	144	31	17
1913	124	20	20	18	22	50	159	177	68	204	47	10
1914	7	22	18	5	48	168	130	527	249	109	28	8
1915	326	13	13	13	38	80	89	207	145	42	11	5
1916	360	37	21	62	107	181	72	297	81	26	45	33
1917	346	37	59	18	35	40	5	173	113	40	38	26
1918	336	20	23	16	31	42	49	330	32	127	9	10
1919	33	29	31	28	47	59	146	223	316	96	9	7
1920	22	12	21	18	24	34	42	225	46	177	7	7
1921	13	40	37	57	72	129	57	179	174	172	150	7
1922	83	24	29	36	32	46	180	441	189	51	112	5
1923	219	13	24	26	38	73	34	208	96	45	5	5
1924	315	5	5	7	26	29	45	75	5	5	5	5
1925	27	20	16	18	71	74	5	13	163	238	11	10
1926	11	12	25	15	36	40	5	167	166	5	5	10
1927	10	30	33	44	34	136	89	355	166	43	255	5
1928	88	29	26	29	33	210	5	45	294	25	5	5
1929	56	13	21	16	18	39	61	143	47	30	5	10
1930	16	13	55	34	58	85	39	200	62	245	28	5
1931	10	20	15	31	50	49	71	88	22	7	6	4
1932	9	15	23	39	45	77	5	147	156	154	13	7
1933	218	17	18	16	16	57	98	125	141	111	10	5
1934	8	13	18	59	64	161	89	50	16	14	6	4
1935	6	16	13	23	27	27	148	317	48	145	11	10
1936	10	15	16	34	56	79	165	205	125	238	63	5
1937	64	10	13	42	61	88	51	135	123	173	27	5
1938	159	18	239	38	35	61	360	662	103	45	228	5
1939	126	24	18	13	14	49	89	48	29	5	26	5
1940	35	10	21	70	90	174	140	207	111	198	54	10
1941	126	59	37	62	127	109	137	13	105	52	13	42
1942	327	34	64	87	84	69	104	150	167	38	7	5
1943	321	42	64	79	90	173	140	89	98	41	13	10
1944	322	15	15	15	14	31	83	185	34	128	7	7
1945	8	34	20	15	5	79	5	98	115	192	9	8
1946	178	40	31	48	36	101	105	130	98	48	7	8
1947	316	39	33	20	50	76	83	119	93	5	5	5
1948	18	18	11	10	10	20	101	94	5	150	30	5
1949	72	17	10	11	14	31	9	23	101	73	5	5
1950	233	12	15	15	41	111	69	208	154	164	171	5
1951	56	266	213	86	140	112	5	5	57	53	11	10



# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	303	39	41	32	48	54	404	666	102	122	36	15
1953	338	18	20	92	48	77	52	307	35	67	17	11
1954	335	135	23	24	36	114	134	176	42	5	10	8
1955	29	17	20	15	18	39	83	175	123	132	9	7
1956	8	15	245	154	73	95	106	348	196	70	19	13
1957	342	27	28	24	61	104	5	64	137	35	10	5
1958	334	24	31	26	75	59	73	564	170	54	20	13
1959	329	17	16	57	43	75	126	75	35	5	5	5
1960	68	8	10	13	71	127	171	77	43	213	5	9
1961	7	13	42	13	40	39	103	124	121	9	3	4
1962	9	12	15	18	58	39	26	78	100	276	11	7
1963	197	43	70	53	406	77	54	197	129	216	194	17
1964	8	70	49	33	31	52	147	195	66	208	5	5
1965	5	20	314	109	86	126	126	202	154	53	212	74
1966	129	39	29	32	183	99	50	162	168	5	5	8
1967	10	49	62	57	11	162	95	557	196	137	25	16
1968	353	24	28	37	123	128	91	146	109	5	11	7
1969	75	42	31	104	64	53	356	464	137	56	13	13
1970	322	27	90	335	111	118	5	40	136	35	13	5
1971	319	62	50	58	63	97	72	400	147	75	15	13
1972	325	32	31	31	38	189	91	191	60	248	6	13
1973	20	39	75	5	50	65	76	185	122	19	10	6
1974	316	135	71	196	72	171	51	248	167	65	17	5
1975	343	20	24	26	36	55	5	406	134	64	15	5
1976	347	86	5	24	31	59	81	81	5	5	5	5
1977	46	15	19	15	23	28	39	25	25	5	86	6
1978	7	12	46	104	23	99	61	211	171	64	317	54
1979	7	15	15	36	31	46	103	5	52	173	27	8
1980	170	18	23	232	125	87	96	237	141	77	213	116
1981	40	18	29	29	58	55	108	58	25	5	5	5
1982	85	241	263	87	275	157	172	451	182	85	36	40
1983	401	66	66	58	75	201	218	567	279	177	74	18
1984	356	214	183	115	81	153	26	215	142	66	14	13
1985	328	48	34	30	36	56	70	315	65	25	25	13
1986	15	23	30	72	402	365	112	182	164	58	13	7
1987	339	17	20	20	38	53	57	141	42	5	5	5
1988	15	11	25	24	30	52	51	36	25	97	5	6
1989	7	32	26	23	41	256	85	117	276	219	5	14
1990	28	25	22	34	29	79	104	28	226	36	5	8
1991	8	11	10	12	16	55	96	130	106	30	9	7
1992	12	17	16	18	42	65	121	77	18	8	5	5
1993	10	13	21	32	33	43	129	330	190	106	8	5
1994	285	13	20	19	22	61	74	57	77	8	5	5
1995	8	16	19	58	87	289	259	470	106	162	205	146
1996	54	15	69	52	216	157	127	319	128	51	9	5
1997	308	56	147	537	92	200	104	107	121	34	5	5
1998	315	25	25	56	46	160	57	479	83	91	20	27
1999	335	40	51	59	80	150	82	395	198	67	19	13
2000	333	20	20	44	64	107	72	65	416	5	9	5

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	42	13	15	10	7	49	46	78	76	28	3	35
1902	24	11	15	10	9	15	46	58	57	16	20	18
1903	20	2	8	12	7	22	40	56	53	17	24	15
1904	21	21	7	6	30	69	67	82	83	37	11	36
1905	27	13	11	14	6	31	31	44	40	12	21	15
1906	17	4	6	16	8	36	91	104	125	72	19	8
1907	14	2	2	2	2	65	98	92	121	82	24	30
1908	29	7	9	12	4	22	32	34	37	27	2	13
1909	16	2	5	46	12	21	67	78	104	43	12	41
1910	24	23	20	16	9	50	60	46	25	11	6	2
1911	26	7	9	14	7	21	73	89	152	68	13	39
1912	20	7	7	7	2	3	5	41	48	16	2	27
1913	16	8	6	5	2	9	29	46	28	11	4	29
1914	15	3	5	24	10	49	82	83	85	34	22	15
1915	18	2	5	6	2	16	49	59	65	24	22	17
1916	19	3	6	8	7	44	84	64	73	36	23	16
1917	16	6	8	5	2	11	50	64	82	31	23	15
1918	18	4	6	5	2	9	41	42	29	5	2	22
1919	24	9	9	7	3	15	64	69	16	3	2	27
1920	17	2	6	6	2	8	21	50	24	4	2	26
1921	18	10	9	14	8	42	38	52	62	19	2	27
1922	16	6	6	7	2	4	20	92	99	27	2	25
1923	13	2	6	7	2	21	41	64	45	24	2	25
1924	17	2	5	4	2	2	3	7	2	2	2	2
1925	15	6	5	6	14	24	32	44	25	5	2	29
1926	22	4	9	7	2	20	29	26	2	2	2	20
1927	15	7	13	14	17	39	55	74	98	32	4	31
1928	22	11	11	11	2	58	36	47	5	2	2	16
1929	14	4	7	6	2	8	8	34	11	3	2	23
1930	15	2	15	12	6	25	41	38	30	2	2	25
1931	16	4	5	5	2	10	9	15	2	45	44	2
1932	2	2	6	10	2	2	2	61	65	43	26	2
1933	2	2	5	5	30	2	2	22	59	4	2	2
1934	7	5	6	8	4	30	15	5	37	45	22	2
1935	18	32	6	7	2	2	25	2	33	35	26	2
1936	2	2	18	11	2	14	65	66	51	23	2	15
1937	7	8	5	10	5	19	37	57	34	5	2	24
1938	15	4	24	9	13	15	64	103	110	37	5	33
1939	21	7	6	5	2	13	19	12	2	14	2	2
1940	9	2	7	13	6	50	55	65	37	6	12	32
1941	18	6	9	12	10	30	26	68	47	17	2	29
1942	24	6	20	19	10	23	57	56	77	26	17	11
1943	20	13	16	22	12	44	63	53	37	16	17	11
1944	16	3	6	5	2	7	17	55	25	12	2	16
1945	14	5	10	11	14	16	40	62	38	7	2	25
1946	18	11	15	17	2	29	58	64	32	7	2	25
1947	15	7	7	6	8	23	29	38	18	2	2	16
1948	19	2	5	12	2	3	20	48	53	9	2	22
1949	13	3	5	5	2	6	33	45	13	2	2	19
1950	14	3	5	11	9	28	57	71	60	17	2	25
1951	22	63	45	22	33	25	36	51	23	6	2	25

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	21	9	9	7	2	13	92	109	123	65	13	34
1953	7	11	12	16	6	27	41	49	73	42	3	15
1954	31	8	8	7	10	23	38	52	9	26	2	2
1955	7	7	7	6	2	8	12	43	36	4	2	25
1956	21	6	44	22	18	34	56	74	2	32	6	23
1957	22	11	10	7	10	26	23	56	51	17	12	13
1958	17	5	10	4	5	13	16	117	96	36	7	31
1959	21	2	12	13	9	21	23	25	13	9	2	17
1960	13	2	3	3	6	32	35	40	25	2	2	26
1961	16	3	4	4	6	16	21	28	23	2	2	23
1962	15	2	7	5	4	14	61	45	42	15	11	14
1963	38	12	17	16	69	22	32	67	52	16	3	32
1964	21	15	12	10	2	14	29	47	33	7	2	25
1965	14	6	52	26	23	31	57	64	67	30	12	26
1966	19	6	11	12	10	25	38	41	4	26	26	2
1967	3	9	15	14	2	37	16	95	148	74	10	34
1968	22	9	7	9	17	27	27	37	16	27	11	2
1969	9	6	6	15	4	14	79	124	96	30	18	10
1970	19	2	7	64	28	20	31	50	46	7	16	2
1971	24	8	9	10	6	22	37	64	105	45	18	14
1972	29	3	5	5	2	32	42	45	37	2	2	27
1973	14	2	6	21	5	24	53	77	31	4	2	19
1974	26	47	47	28	15	28	25	73	78	34	19	14
1975	13	4	7	7	2	10	4	71	101	34	19	25
1976	29	11	11	11	2	2	2	21	8	2	2	12
1977	14	2	2	6	2	5	2	2	2	2	2	16
1978	13	4	8	11	2	34	34	46	78	32	2	29
1979	17	2	2	19	3	20	22	48	26	4	2	23
1980	18	4	9	29	18	19	40	81	66	36	2	7
1981	43	20	12	12	2	12	3	31	2	26	2	2
1982	5	58	55	19	43	25	37	101	93	41	10	35
1983	39	6	26	13	13	13	21	86	167	84	21	37
1984	22	43	28	10	10	51	34	82	60	19	19	13
1985	19	8	12	13	4	16	24	52	13	3	2	25
1986	17	2	3	11	48	80	63	54	51	15	19	10
1987	29	15	15	14	3	13	6	3	2	5	2	7
1988	13	4	8	7	2	14	4	9	2	2	2	22
1989	18	10	14	3	2	33	55	55	40	5	2	28
1990	24	10	7	12	2	17	30	19	7	2	2	20
1991	14	2	3	5	2	14	4	30	26	11	19	2
1992	20	6	5	6	2	5	23	10	89	98	64	5
1993	10	4	10	10	2	2	2	2	2	53	27	2
1994	2	3	8	6	2	2	10	21	68	55	23	2
1995	26	6	8	23	2	2	2	8	133	87	16	11
1996	25	12	25	20	38	33	36	114	57	15	16	14
1997	16	21	45	96	15	28	51	82	36	9	16	10
1998	18	6	8	19	13	23	21	50	110	55	23	16
1999	18	14	12	16	11	15	19	92	84	22	20	13
2000	17	7	6	15	12	16	40	64	27	22	2	2

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	444	377	383	413	831	998	775	2141	1397	556	534	493
1902	552	411	405	405	409	524	1162	1533	1496	560	536	527
1903	763	409	405	423	413	512	820	1185	1232	558	500	482
1904	712	530	405	404	2495	3483	3242	4051	2795	552	533	491
1905	759	411	681	618	409	642	843	1189	1175	559	499	482
1906	735	410	405	447	1745	1823	3610	3332	2072	2166	534	538
1907	725	415	420	636	1774	2973	4667	5077	4227	2680	529	490
1908	839	411	949	678	408	511	743	1187	1035	554	498	482
1909	397	410	406	2174	1951	1320	1897	3082	2148	632	533	491
1910	776	782	1363	1382	443	1678	1968	1413	1036	553	498	482
1911	476	424	420	710	1735	1678	3996	3769	3362	1838	530	490
1912	720	411	407	407	405	514	645	788	739	560	499	482
1913	533	410	405	418	418	504	937	1255	936	616	498	482
1914	397	409	416	658	1717	1649	2380	2800	1988	708	529	528
1915	717	410	408	409	450	518	1032	1461	1553	552	533	525
1916	767	409	408	878	964	1668	3133	2388	1865	607	531	524
1917	753	411	413	406	705	819	1642	2067	1886	737	533	525
1918	724	409	406	405	420	542	795	1182	1037	555	498	483
1919	397	410	406	406	460	533	1219	1357	838	552	498	482
1920	414	410	428	441	525	511	879	1302	898	618	498	482
1921	397	362	368	414	410	570	587	843	840	506	499	482
1922	470	409	420	408	497	545	503	2003	1811	552	532	527
1923	671	411	443	442	419	507	738	1177	1005	552	497	480
1924	784	410	406	406	405	509	528	954	820	618	626	551
1925	503	393	386	304	448	461	669	752	768	509	499	482
1926	398	331	385	387	403	472	648	929	590	538	536	546
1927	355	388	306	306	405	710	1039	1572	1382	555	535	493
1928	492	411	404	355	354	1146	753	798	820	618	626	551
1929	469	442	386	386	386	418	660	880	588	538	536	546
1930	440	201	370	350	368	530	769	922	710	538	500	482
1931	397	374	227	185	160	283	430	479	405	192	134	81
1932	95	116	143	224	212	307	493	969	920	474	478	482
1933	476	136	182	191	187	244	486	530	935	512	358	160
1934	158	188	174	197	244	549	490	478	226	177	149	83
1935	65	144	114	150	153	160	975	1281	761	509	500	305
1936	195	183	181	225	364	530	1221	1206	795	474	478	482
1937	497	309	366	318	345	317	644	902	537	512	498	482
1938	596	310	812	310	409	479	1551	3912	1982	562	529	509
1939	533	410	406	410	409	509	681	788	739	718	499	483
1940	433	430	441	404	480	1049	1015	1301	739	552	497	482
1941	510	411	430	419	421	509	929	1305	1062	597	498	482
1942	836	410	685	1315	1742	1036	1748	1591	1765	552	532	533
1943	748	427	867	1704	2044	1937	2090	1466	1102	552	494	482
1944	749	411	407	409	424	527	599	1185	737	718	498	482
1945	397	421	408	405	462	530	550	810	635	504	498	482
1946	566	414	511	904	409	518	815	1369	838	718	498	482
1947	712	435	410	462	452	510	823	965	820	618	626	551
1948	397	492	439	365	436	468	663	813	646	538	500	482
1949	474	359	359	337	365	335	546	600	590	538	536	482
1950	648	372	367	338	349	440	794	1036	880	568	499	482
1951	442	1467	2297	1354	636	511	1036	889	679	502	497	482

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	686	412	534	931	1622	1587	3362	6128	2171	1865	528	488
1953	749	415	779	1113	641	1341	1669	2590	1871	1146	533	491
1954	1089	411	406	409	422	529	673	784	920	718	499	482
1955	421	504	412	474	483	505	806	832	782	538	500	482
1956	397	421	1156	936	1034	1206	1318	1730	1579	608	530	522
1957	708	414	406	410	417	661	860	1147	1341	557	534	528
1958	777	411	411	411	1802	1341	1277	3462	1969	695	531	515
1959	719	415	405	408	440	513	853	1021	920	718	626	561
1960	542	489	446	447	458	610	869	868	590	538	536	546
1961	475	377	351	313	306	308	491	481	514	508	343	293
1962	106	116	111	111	246	335	716	625	809	508	500	482
1963	682	358	434	368	1167	387	514	1064	660	487	478	482
1964	404	382	370	358	357	464	946	1376	1174	718	528	482
1965	398	433	1332	772	424	510	838	1044	820	552	492	482
1966	618	474	949	457	407	506	594	990	820	618	626	482
1967	397	475	425	452	1342	1221	905	2720	2832	1662	529	500
1968	749	409	410	487	504	668	636	1131	737	559	500	482
1969	481	410	410	1421	1861	1689	3058	4275	2105	614	531	532
1970	727	410	626	3105	1627	1341	868	1261	1186	552	497	482
1971	751	423	432	559	1134	1242	1400	2583	2014	745	530	506
1972	762	413	432	412	408	668	690	1191	1065	718	499	482
1973	407	411	410	446	430	516	729	1644	805	677	504	478
1974	724	557	837	1484	1327	1215	1360	2148	1644	566	533	531
1975	741	412	406	405	425	830	763	2355	2225	554	532	490
1976	794	410	416	405	408	584	876	954	820	618	626	549
1977	514	456	435	435	414	415	656	724	590	538	502	273
1978	159	176	231	374	319	538	546	1060	1046	479	479	482
1979	419	311	377	308	314	324	485	755	524	538	500	482
1980	579	349	339	1036	763	524	817	1369	1303	600	532	491
1981	440	409	408	410	407	508	527	795	920	618	626	482
1982	498	971	1254	565	2801	2376	2232	3256	1832	834	528	492
1983	869	1447	1715	1556	1980	2782	2872	5134	5912	2446	763	506
1984	911	3342	2917	2109	1945	1715	1294	1995	1419	552	532	531
1985	781	425	407	406	408	516	768	1189	1037	557	499	482
1986	405	411	412	407	3227	3621	2783	2107	1468	463	521	498
1987	801	409	407	408	408	508	525	1024	920	618	626	551
1988	411	391	388	389	387	417	656	724	590	477	300	167
1989	146	285	223	205	338	942	912	928	911	568	489	482
1990	397	352	239	287	273	344	745	479	525	509	222	84
1991	87	115	111	111	115	306	495	478	476	401	143	83
1992	117	147	117	110	233	300	490	461	187	146	128	78
1993	64	112	152	244	250	651	906	1552	938	537	480	356
1994	399	134	137	213	239	416	583	674	387	248	223	158
1995	149	185	182	415	435	1243	1147	1971	1579	965	483	482
1996	456	357	360	395	1665	1795	1896	2812	1375	494	529	530
1997	775	409	1935	6584	2287	2158	1838	1615	1083	516	572	546
1998	770	409	408	409	1735	1923	1491	2557	2155	1232	482	495
1999	749	408	415	861	1856	2285	2020	2785	1944	495	523	528
2000	781	408	407	409	430	519	988	1633	1048	589	500	484

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	443	390	390	430	885	1017	782	2097	1343	505	484	446
1902	516	396	385	384	392	527	1130	1480	1443	510	485	480
1903	727	393	385	427	401	499	790	1132	1178	508	450	435
1904	677	515	383	382	2536	3525	3223	3999	2741	501	483	445
1905	726	397	663	598	391	630	813	1137	1121	508	449	435
1906	699	395	385	483	1738	1813	3579	3286	2018	2115	483	491
1907	689	401	413	647	1754	3087	4663	5027	4173	2629	479	443
1908	809	397	948	662	391	496	706	1135	982	503	448	435
1909	361	395	385	2213	1976	1327	1862	3029	2094	581	482	445
1910	741	773	1381	1389	449	1658	1927	1360	982	502	447	435
1911	440	409	403	800	1749	1697	3975	3718	3308	1787	480	443
1912	684	397	390	388	385	503	612	735	686	509	449	435
1913	497	395	384	415	398	481	895	1202	882	565	447	435
1914	361	394	422	832	1768	1634	2349	2748	1935	657	478	481
1915	682	395	391	393	488	513	992	1410	1499	501	482	478
1916	731	393	391	1006	998	1657	3098	2336	1811	556	480	478
1917	717	397	402	386	722	816	1612	2015	1832	686	483	478
1918	689	393	387	385	418	569	767	1130	983	505	448	439
1919	361	395	385	385	511	548	1189	1304	785	501	447	435
1920	378	395	437	422	505	496	851	1250	854	567	448	435
1921	361	349	360	418	394	548	546	809	786	455	448	435
1922	435	393	420	390	597	577	478	1952	1758	501	482	480
1923	635	397	472	470	416	489	712	1125	963	501	446	433
1924	748	394	386	385	383	492	487	901	767	567	576	504
1925	467	378	366	281	450	442	630	699	714	458	449	435
1926	362	315	364	369	395	450	609	876	537	487	486	499
1927	319	401	287	286	424	711	1012	1520	1328	504	484	446
1928	456	398	384	334	332	1168	734	746	767	567	576	504
1929	433	426	366	365	367	401	628	827	535	487	486	499
1930	405	184	360	344	356	512	729	869	656	487	450	435
1931	361	360	205	166	138	260	397	426	358	159	102	61
1932	73	95	152	227	214	288	453	916	866	423	428	435
1933	440	119	162	193	168	225	446	477	881	461	316	143
1934	138	171	173	179	224	525	449	425	181	147	123	64
1935	47	124	94	135	131	142	959	1230	707	458	450	258
1936	169	167	161	211	442	537	1187	1153	741	423	428	435
1937	461	292	350	314	376	312	610	849	483	462	448	435
1938	560	295	811	296	518	621	1547	3867	1938	511	478	462
1939	497	395	387	395	392	492	641	735	686	667	449	437
1940	398	414	420	449	558	1082	994	1249	685	501	446	435
1941	475	396	443	417	419	491	895	1252	1008	546	447	435
1942	801	395	706	1333	1743	1060	1725	1539	1711	501	481	486
1943	712	434	859	1778	2051	1956	2067	1413	1048	501	444	435
1944	713	398	389	394	429	535	572	1132	683	667	448	435
1945	361	421	390	384	478	541	521	758	582	453	448	435
1946	548	403	535	890	391	513	779	1316	784	667	448	435
1947	676	453	395	442	433	494	783	912	767	567	576	504
1948	361	476	418	344	415	448	639	769	592	487	450	435
1949	439	342	343	318	346	317	506	552	536	487	486	435
1950	613	356	346	362	345	439	765	983	826	517	448	435
1951	418	1515	2308	1366	645	498	1006	837	625	451	447	435

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	658	400	575	1018	1645	1646	3372	6077	2118	1814	478	442
1953	714	407	786	1105	624	1320	1639	2555	1834	1095	482	444
1954	1053	397	387	393	421	539	634	731	867	667	448	435
1955	385	490	401	458	464	483	766	779	728	487	450	435
1956	361	404	1287	1060	1063	1188	1277	1695	1526	557	479	475
1957	672	403	387	395	410	646	819	1112	1288	506	484	482
1958	742	398	397	397	1803	1362	1299	3412	1919	645	480	468
1959	683	406	385	390	464	502	823	969	866	667	576	514
1960	506	475	425	430	463	604	841	815	537	487	486	499
1961	440	366	329	291	285	290	450	433	462	457	297	260
1962	81	96	91	91	295	353	687	573	755	457	450	435
1963	658	344	414	368	1174	390	506	1043	625	437	428	435
1964	378	389	351	342	337	448	907	1339	1120	667	477	435
1965	363	419	1415	842	427	494	804	991	769	501	460	437
1966	592	500	957	444	388	486	553	937	767	567	576	435
1967	361	467	431	493	1333	1243	913	2680	2778	1611	479	453
1968	716	393	395	474	493	655	603	1095	684	508	449	435
1969	456	396	396	1544	1955	1687	3035	4223	2059	565	481	485
1970	708	394	633	3135	1637	1324	845	1209	1133	501	447	435
1971	729	425	446	558	1115	1233	1371	2549	1962	694	480	459
1972	737	401	447	401	390	646	650	1138	1011	667	448	435
1973	386	396	396	454	441	509	696	1591	751	626	453	432
1974	693	561	835	1471	1308	1211	1328	2095	1590	515	483	485
1975	705	399	386	385	430	855	757	2303	2171	503	482	444
1976	765	395	395	384	390	567	836	901	767	567	576	502
1977	478	441	414	413	394	391	614	671	537	487	451	243
1978	141	150	226	375	315	522	510	1007	992	428	429	436
1979	383	296	358	291	304	305	446	702	470	487	450	435
1980	543	333	322	1050	806	526	789	1316	1250	550	482	444
1981	405	392	391	396	387	490	486	742	866	567	576	435
1982	462	971	1250	586	2791	2387	2223	3220	1796	797	478	460
1983	856	1449	1707	1579	2014	2813	2899	5102	5879	2412	715	460
1984	877	3383	2927	2111	1961	1714	1269	1943	1366	501	481	484
1985	746	430	388	386	390	509	743	1136	983	506	449	435
1986	379	396	400	389	3383	3675	2821	2075	1433	429	471	451
1987	780	392	389	391	391	489	484	971	867	567	576	504
1988	375	372	370	373	367	393	615	671	537	434	273	149
1989	132	267	203	184	319	934	882	889	858	517	443	435
1990	361	333	220	269	253	326	704	426	471	458	195	67
1991	69	95	91	92	94	285	460	425	422	350	117	66
1992	95	127	98	91	211	270	449	408	147	122	102	61
1993	49	90	129	226	229	662	877	1499	885	486	430	310
1994	374	114	119	195	218	394	542	631	353	221	196	141
1995	131	163	164	412	414	1325	1127	1962	1604	942	435	435
1996	421	339	346	378	1726	1836	1879	2782	1339	456	479	483
1997	749	393	1955	6832	2371	2198	1836	1590	1053	473	523	510
1998	743	393	390	392	1727	1949	1472	2525	2137	1205	442	466
1999	726	390	407	856	1876	2305	2014	2759	1911	456	479	483
2000	755	390	389	394	414	499	962	1594	996	539	450	437

# Truckee River at Reno, NV Gaging Station (Hwy 395)

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	332	311	309	358	837	942	660	2025	1244	404	388	342
1902	449	355	339	337	348	498	1057	1398	1338	404	388	376
1903	659	350	339	401	361	459	718	1051	1077	404	353	330
1904	609	474	336	335	2537	3530	3163	3919	2640	404	388	342
1905	665	357	620	554	347	590	742	1057	1019	404	353	332
1906	631	353	339	482	1703	1775	3507	3213	1917	2017	388	387
1907	622	359	378	626	1708	3148	4616	4950	4073	2532	388	342
1908	750	358	920	623	349	455	630	1053	881	404	353	333
1909	294	353	340	2215	1967	1305	1789	2947	1993	484	388	342
1910	674	737	1367	1368	426	1613	1847	1279	881	404	353	332
1911	374	367	361	842	1733	1685	3917	3640	3207	1690	388	342
1912	618	357	347	345	339	464	539	653	581	404	353	333
1913	429	352	338	384	351	431	811	1118	777	464	353	331
1914	293	352	398	941	1783	1597	2283	2666	1834	560	388	380
1915	616	355	349	353	489	480	917	1331	1399	404	388	376
1916	665	351	349	1077	998	1622	3028	2254	1710	459	388	376
1917	651	357	366	342	706	785	1543	1935	1731	587	388	376
1918	622	350	342	339	386	560	700	1049	883	404	353	347
1919	295	354	340	340	521	531	1121	1222	684	404	353	332
1920	311	353	416	380	460	454	783	1169	764	467	353	332
1921	294	309	325	393	351	501	464	744	687	354	353	331
1922	367	350	390	348	644	572	415	1874	1657	404	388	378
1923	569	356	467	465	384	444	645	1046	873	404	353	332
1924	682	353	342	340	336	447	403	813	657	459	478	399
1925	399	337	319	234	420	396	549	615	609	354	353	332
1926	294	272	316	325	357	401	528	791	430	380	388	394
1927	250	384	242	241	407	681	944	1441	1227	404	388	342
1928	389	358	339	287	283	1154	672	666	666	465	480	400
1929	366	383	321	319	320	357	554	742	431	382	389	394
1930	336	140	322	310	317	466	650	787	555	384	353	332
1931	293	320	159	123	90	211	321	341	272	105	53	23
1932	29	49	130	201	187	243	374	834	765	321	331	331
1933	373	75	118	167	123	179	365	394	776	354	237	109
1934	103	127	144	136	177	475	364	341	102	97	80	27
1935	17	78	50	94	82	97	899	1152	606	354	353	155
1936	110	124	117	171	474	512	1115	1071	640	324	332	331
1937	394	249	310	282	371	278	537	767	382	361	353	332
1938	493	254	782	257	573	703	1501	3794	1849	414	388	361
1939	432	355	344	356	350	450	562	654	581	562	353	336
1940	330	372	374	455	591	1078	933	1169	584	404	353	333
1941	408	356	424	388	389	449	822	1170	907	446	353	332
1942	734	354	694	1320	1716	1049	1663	1462	1610	404	388	384
1943	646	412	825	1810	2029	1945	2006	1332	947	404	353	334
1944	647	358	347	354	405	512	505	1051	582	567	353	332
1945	294	392	348	340	461	520	452	679	482	354	353	332
1946	503	367	526	851	348	479	705	1234	683	568	353	332
1947	609	440	356	398	388	452	704	830	663	463	480	400
1948	293	433	372	299	368	401	572	697	488	382	353	331
1949	371	299	301	274	300	272	426	477	434	383	389	330
1950	544	313	301	351	312	409	696	902	725	418	353	331
1951	363	1526	2290	1348	623	457	937	758	524	354	353	332



**Truckee River at Reno, NV Gaging Station (Hwy 395)****(cfs)**

	<b>24-Jun-03</b>											
	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>
1952	601	362	579	1059	1637	1665	3337	5999	2017	1717	388	342
1953	649	372	764	1073	582	1274	1570	2490	1750	997	388	342
1954	986	357	343	353	392	518	558	651	766	566	353	332
1955	318	449	363	418	419	435	685	696	623	382	353	332
1956	293	360	1360	1130	1059	1146	1202	1630	1427	460	388	373
1957	609	366	344	355	376	605	740	1046	1189	404	388	379
1958	676	357	357	359	1774	1349	1271	3335	1825	547	388	367
1959	617	369	340	348	453	463	752	889	766	567	481	411
1960	439	434	379	388	438	570	772	735	433	385	390	395
1961	372	329	283	245	236	244	366	355	362	351	207	169
1962	33	51	46	47	300	336	620	492	654	354	353	331
1963	602	303	370	347	1157	364	452	988	542	342	334	334
1964	321	367	308	302	295	406	829	1272	1019	565	381	331
1965	295	378	1456	869	402	454	736	909	674	404	387	340
1966	536	491	935	406	344	441	473	855	660	462	478	331
1967	293	432	407	496	1297	1233	869	2610	2677	1514	388	352
1968	656	353	356	437	458	615	530	1029	582	404	353	332
1969	398	355	357	1609	1997	1657	2974	4142	1967	472	388	383
1970	656	354	610	3134	1617	1284	779	1129	1032	404	353	333
1971	674	398	429	529	1071	1198	1302	2485	1864	597	388	358
1972	681	362	431	365	347	600	571	1056	911	565	353	332
1973	333	356	357	432	420	473	623	1509	650	526	358	328
1974	632	537	806	1433	1263	1179	1257	2013	1489	416	388	382
1975	638	359	341	339	402	845	706	2224	2070	404	388	342
1976	707	354	349	337	346	524	756	815	659	460	481	403
1977	410	399	367	366	346	340	527	583	429	379	353	171
1978	106	100	193	345	281	481	433	925	891	328	333	332
1979	316	255	314	250	264	261	366	620	368	384	353	331
1980	475	291	280	1033	810	498	723	1235	1150	452	388	342
1981	338	350	349	357	343	446	403	655	758	461	477	329
1982	394	943	1218	574	2762	2371	2173	3155	1712	714	388	376
1983	811	1424	1678	1570	2013	2814	2876	5039	5797	2331	631	362
1984	816	3391	2912	2089	1947	1686	1205	1864	1266	404	388	383
1985	681	406	346	344	348	475	681	1054	882	404	353	332
1986	322	356	363	348	3477	3694	2807	2012	1350	349	381	352
1987	728	352	349	351	349	447	403	885	759	462	478	399
1988	306	328	327	331	322	345	530	581	427	343	220	114
1989	103	222	159	138	274	899	814	820	759	415	354	332
1990	294	288	177	226	208	282	620	338	362	352	144	31
1991	32	49	47	47	48	239	382	337	316	245	73	31
1992	46	81	54	47	165	214	364	318	77	79	58	27
1993	20	43	80	181	183	643	806	1418	785	389	335	208
1994	319	68	77	152	171	349	458	555	281	174	152	106
1995	97	117	121	380	368	1360	1063	1916	1565	870	351	335
1996	356	295	310	338	1745	1841	1822	2720	1255	371	387	382
1997	691	354	1945	6997	2407	2206	1791	1533	973	386	434	420
1998	683	351	348	352	1690	1943	1410	2462	2066	1129	361	382
1999	670	349	373	825	1863	2293	1963	2700	1829	372	395	388
2000	697	346	346	355	376	456	897	1526	899	435	353	333

# Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	304	290	289	337	816	921	630	1953	1166	325	310	289
1902	412	327	312	310	319	470	1017	1321	1258	325	310	323
1903	622	321	311	373	333	430	677	975	998	325	275	277
1904	572	446	309	308	2510	3501	3122	3844	2560	325	310	289
1905	631	328	593	526	318	561	701	983	939	325	275	278
1906	595	324	311	455	1674	1747	3467	3140	1837	1938	310	334
1907	585	331	350	599	1680	3120	4575	4878	3993	2453	310	289
1908	716	329	892	596	322	427	589	977	801	324	275	280
1909	257	324	312	2188	1938	1276	1748	2870	1913	405	310	289
1910	637	709	1340	1341	397	1585	1803	1202	802	325	275	279
1911	337	339	333	814	1704	1656	3876	3566	3128	1611	310	289
1912	581	329	320	317	312	436	498	577	502	325	275	280
1913	392	324	310	357	323	403	767	1041	697	385	275	278
1914	256	324	370	913	1754	1568	2242	2589	1754	481	310	327
1915	579	326	322	325	460	452	876	1257	1319	325	310	322
1916	628	323	321	1050	970	1594	2987	2177	1631	379	310	323
1917	614	329	338	315	677	756	1502	1860	1652	508	310	323
1918	585	322	315	312	357	532	659	973	803	325	275	299
1919	258	326	313	312	492	503	1081	1146	604	325	275	279
1920	274	325	388	353	432	425	742	1092	689	388	275	279
1921	257	281	298	366	323	473	421	671	608	275	275	278
1922	330	321	362	320	616	544	374	1801	1577	325	310	324
1923	532	328	440	438	356	416	604	972	798	324	275	279
1924	645	325	314	313	308	418	360	736	577	380	400	346
1925	362	308	292	206	391	367	508	538	529	275	275	278
1926	257	244	289	298	328	372	487	714	350	301	310	340
1927	213	355	215	214	379	653	904	1367	1148	325	310	289
1928	352	330	312	260	256	1125	631	592	586	386	402	347
1929	329	354	294	291	292	328	513	665	353	302	311	341
1930	299	111	295	283	288	438	610	710	475	304	275	279
1931	256	291	131	95	61	182	280	264	205	56	6	4
1932	6	21	102	174	159	214	333	757	685	242	253	277
1933	336	47	91	140	96	150	324	317	696	275	172	90
1934	83	99	117	108	148	446	319	264	37	54	37	7
1935	4	50	24	66	53	68	858	1079	526	275	275	103
1936	76	96	90	144	446	484	1074	994	560	245	254	278
1937	357	221	282	255	342	250	497	691	303	282	275	278
1938	456	226	754	230	544	674	1461	3722	1774	335	310	308
1939	395	326	316	328	321	421	521	577	502	483	275	283
1940	293	343	347	428	563	1050	892	1094	504	325	275	279
1941	371	327	397	360	361	420	781	1094	828	367	275	279
1942	697	325	667	1292	1687	1020	1622	1389	1530	325	310	331
1943	609	384	797	1783	2001	1916	1965	1256	867	325	275	281
1944	611	330	320	326	377	483	464	975	503	488	275	279
1945	257	364	321	312	432	491	411	604	404	275	275	279
1946	469	338	499	824	320	450	664	1157	604	488	275	279
1947	572	412	329	371	360	423	663	754	583	384	402	347
1948	257	405	345	271	340	373	531	624	408	302	275	277
1949	334	271	273	247	271	243	384	404	354	304	311	277
1950	508	285	273	324	283	380	655	826	645	338	275	278
1951	329	1497	2263	1320	594	429	896	684	445	275	275	279

# Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	567	334	551	1031	1610	1636	3297	5926	1937	1638	310	289
1953	612	343	737	1045	553	1245	1529	2417	1674	919	310	289
1954	950	328	315	325	363	489	517	576	687	487	275	279
1955	281	421	335	391	391	407	642	619	543	302	275	278
1956	256	332	1333	1103	1032	1117	1160	1557	1349	381	310	320
1957	572	338	316	327	347	577	697	974	1111	325	310	326
1958	639	329	330	331	1745	1320	1231	3262	1749	468	310	313
1959	580	341	312	320	425	435	711	814	686	487	403	358
1960	402	405	352	360	410	542	731	659	354	306	312	342
1961	335	301	255	218	208	215	321	283	286	272	135	121
1962	7	23	19	21	272	307	580	416	574	275	275	277
1963	568	274	343	319	1129	335	411	915	466	265	256	280
1964	287	339	281	274	267	377	788	1200	940	486	303	278
1965	258	350	1428	841	373	425	695	832	598	324	315	290
1966	502	463	907	379	315	413	429	779	581	383	401	278
1967	256	403	379	469	1268	1204	828	2537	2598	1435	310	299
1968	622	324	329	409	430	587	489	956	502	325	275	278
1969	364	327	329	1582	1968	1628	2934	4067	1892	397	310	330
1970	622	325	583	3106	1588	1255	739	1054	953	325	275	280
1971	640	369	401	502	1042	1169	1261	2412	1788	518	310	305
1972	647	334	403	338	320	571	529	979	831	486	275	279
1973	299	327	329	404	391	445	583	1432	570	446	280	275
1974	598	508	779	1406	1235	1150	1216	1936	1409	337	310	328
1975	601	331	314	312	374	816	665	2149	1991	325	310	289
1976	673	326	322	310	318	495	715	738	579	381	403	350
1977	373	371	339	338	317	311	482	505	350	300	275	134
1978	86	72	166	318	253	452	392	848	811	249	256	279
1979	279	227	286	222	236	232	325	544	288	305	275	278
1980	438	263	253	1006	782	470	682	1158	1071	373	310	289
1981	301	322	322	329	314	418	359	578	679	382	399	276
1982	357	914	1190	546	2733	2342	2133	3082	1637	640	310	328
1983	777	1396	1651	1543	1984	2786	2835	4967	5721	2257	558	309
1984	782	3363	2885	2061	1919	1657	1164	1791	1187	325	310	329
1985	644	377	319	316	319	446	640	978	803	325	275	279
1986	288	328	335	320	3448	3665	2766	1939	1275	275	305	298
1987	694	323	321	323	321	418	359	808	679	383	400	346
1988	269	299	300	303	294	316	485	504	347	275	175	95
1989	87	194	131	111	246	871	774	747	682	336	282	278
1990	258	259	149	199	179	254	575	261	282	273	99	11
1991	10	22	21	21	20	210	341	260	236	166	30	11
1992	18	52	26	20	137	183	320	241	17	36	16	7
1993	4	15	53	154	154	615	766	1342	706	310	257	156
1994	287	39	49	124	143	320	412	482	219	132	110	87
1995	79	90	95	352	339	1331	1022	1844	1490	796	279	282
1996	321	267	283	311	1718	1812	1781	2647	1180	298	309	328
1997	657	325	1918	6969	2378	2177	1750	1460	898	312	361	373
1998	649	322	320	325	1662	1914	1370	2389	1991	1055	288	334
1999	636	320	346	798	1834	2264	1922	2628	1754	298	323	340
2000	663	318	318	327	348	427	856	1453	824	355	275	279

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	368	422	420	534	1099	1125	753	2024	1224	374	363	346
1902	476	478	454	430	505	689	1143	1385	1318	374	363	380
1903	686	462	450	596	548	629	816	1041	1057	374	327	335
1904	636	602	446	423	2788	3771	3309	3920	2619	374	363	346
1905	695	488	758	666	499	755	836	1048	999	374	328	336
1906	659	472	451	729	1898	1950	3584	3209	1896	1987	363	392
1907	649	481	558	848	1860	3386	4809	4953	4054	2502	363	346
1908	780	489	1112	796	513	621	675	1041	862	374	328	337
1909	321	468	446	2461	2220	1507	1848	2933	1972	455	363	346
1910	701	897	1599	1583	644	1744	1882	1266	862	374	327	337
1911	401	484	504	1091	1967	1906	4042	3638	3187	1660	363	346
1912	646	489	478	458	437	618	604	641	562	374	328	337
1913	456	470	443	566	513	544	843	1103	755	434	327	335
1914	320	475	602	1191	2048	1764	2349	2651	1812	530	363	384
1915	644	468	476	503	754	662	978	1323	1379	374	363	380
1916	692	454	476	1324	1256	1796	3085	2240	1690	429	363	380
1917	678	487	540	470	936	970	1619	1924	1712	557	363	380
1918	649	449	439	419	572	793	808	1041	862	374	328	360
1919	322	470	448	433	780	745	1206	1209	662	374	328	336
1920	338	469	624	534	583	600	882	1159	757	437	328	336
1921	321	451	506	602	529	624	498	774	667	324	327	336
1922	394	451	578	515	913	812	537	1872	1636	374	363	382
1923	596	482	716	718	586	589	743	1041	867	374	328	336
1924	709	463	443	425	419	561	435	798	636	429	453	404
1925	426	463	442	325	615	549	597	599	587	324	328	336
1926	321	391	422	459	542	536	572	776	408	350	363	398
1927	277	587	398	373	642	873	1066	1438	1206	374	363	346
1928	417	495	464	384	371	1356	827	667	646	436	455	404
1929	393	488	433	411	456	504	624	728	411	352	364	398
1930	364	235	491	500	503	618	705	772	533	354	328	336
1931	320	452	268	248	212	309	365	326	277	129	70	58
1932	70	107	327	409	392	389	415	817	742	291	306	335
1933	400	168	219	359	288	322	405	379	754	324	226	142
1934	147	223	331	288	319	578	393	325	103	104	85	59
1935	66	135	126	235	207	233	1055	1154	584	324	327	157
1936	140	241	235	338	732	713	1180	1057	619	294	307	335
1937	421	348	463	473	636	460	604	753	362	331	328	336
1938	520	373	974	433	841	944	1696	3810	1842	384	363	365
1939	459	469	446	505	516	605	606	641	562	532	328	340
1940	357	477	471	700	850	1319	1067	1167	562	374	328	337
1941	436	476	640	585	594	605	879	1157	887	417	328	337
1942	761	472	926	1554	1926	1276	1789	1480	1589	374	363	388
1943	673	604	1012	2062	2249	2168	2113	1324	927	374	328	338
1944	675	492	480	516	613	714	604	1041	562	537	328	337
1945	321	569	514	453	687	727	540	671	462	324	328	336
1946	558	529	771	1025	522	662	765	1219	662	538	328	336
1947	636	650	531	523	513	588	744	816	642	433	454	404
1948	321	541	470	389	470	510	670	701	466	352	328	335
1949	398	409	456	419	459	423	467	475	412	353	364	334
1950	572	421	415	584	513	598	801	894	703	388	328	336
1951	399	1766	2514	1570	846	626	1018	749	504	324	327	337

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	631	515	831	1311	1882	1906	3551	6002	1998	1687	363	346
1953	676	534	978	1260	758	1399	1630	2516	1766	970	363	346
1954	1014	489	460	502	595	725	604	641	748	536	328	336
1955	345	587	538	591	587	558	720	681	601	352	327	336
1956	320	455	1605	1382	1313	1298	1243	1658	1409	430	363	377
1957	636	524	476	521	570	773	784	1068	1171	374	363	383
1958	703	495	528	536	1984	1572	1499	3338	1819	518	363	371
1959	644	530	464	476	697	636	839	878	745	537	456	416
1960	466	561	485	514	640	752	888	729	412	355	365	399
1961	399	488	402	333	338	357	397	353	350	321	191	207
1962	79	123	132	119	560	554	699	478	632	324	327	335
1963	651	450	483	536	1381	558	633	1123	607	327	309	338
1964	354	556	446	450	408	523	874	1280	999	535	356	336
1965	322	510	1703	1122	614	618	794	894	668	374	418	354
1966	573	717	1151	585	501	564	507	842	640	432	453	335
1967	320	595	618	750	1488	1457	1073	2635	2657	1484	363	356
1968	686	455	511	611	641	793	606	1041	562	374	327	336
1969	435	477	525	1864	2266	1849	3098	4138	1961	447	363	387
1970	731	496	818	3391	1864	1464	964	1130	1013	374	328	337
1971	732	584	657	729	1219	1370	1393	2544	1853	567	363	362
1972	723	520	657	545	502	708	606	1042	890	535	328	337
1973	392	496	528	646	646	650	691	1494	629	496	333	332
1974	662	722	1005	1611	1412	1355	1328	1999	1469	387	363	386
1975	665	509	474	448	606	1073	892	2224	2051	374	363	346
1976	737	480	455	424	478	666	801	800	638	430	456	407
1977	437	529	483	459	474	437	555	567	407	350	327	195
1978	150	148	367	550	483	642	491	909	869	298	308	337
1979	343	382	439	396	449	403	417	606	347	354	327	335
1980	502	413	432	1260	1070	691	812	1223	1129	423	363	346
1981	366	442	462	518	473	564	436	641	738	431	452	333
1982	421	1121	1416	813	2950	2577	2380	3211	1743	709	363	413
1983	924	1633	1881	1840	2296	3075	3160	5179	5914	2367	629	366
1984	853	3642	3154	2314	2205	1900	1328	1862	1250	374	363	387
1985	708	593	494	452	480	650	765	1041	862	374	328	336
1986	365	492	538	513	3758	3955	3093	2143	1425	374	363	356
1987	784	463	464	477	484	572	437	871	739	432	453	403
1988	334	407	418	464	435	419	554	566	405	326	229	150
1989	151	306	263	217	351	1049	888	819	741	385	337	336
1990	322	362	257	316	289	370	646	323	340	322	152	63
1991	75	113	114	123	130	309	412	321	294	211	79	63
1992	85	135	138	132	229	261	384	302	73	82	65	60
1993	68	101	143	289	297	833	902	1407	764	359	310	211
1994	351	132	162	252	272	419	481	556	267	181	161	139
1995	144	179	208	560	490	1592	1210	2106	1815	964	349	340
1996	385	364	430	484	2003	2093	2030	2898	1314	374	363	386
1997	726	459	2178	7261	2693	2467	2031	1741	1122	393	416	442
1998	728	481	498	516	1886	2193	1619	2605	2293	1234	394	482
1999	782	487	557	1025	2130	2538	2182	2884	1956	387	385	400
2000	731	424	451	498	530	586	975	1531	885	405	328	337

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	348	419	418	540	1115	1129	739	1984	1162	300	300	300
1902	456	476	452	428	506	696	1129	1343	1256	300	300	334
1903	666	459	448	605	551	632	802	1000	994	300	265	289
1904	616	600	444	421	2824	3806	3302	3879	2557	300	300	300
1905	675	486	758	665	500	758	823	1007	937	300	265	290
1906	639	469	450	749	1907	1956	3570	3171	1834	1913	300	346
1907	629	479	564	864	1863	3454	4811	4913	3992	2428	300	300
1908	760	487	1118	798	514	623	660	1000	800	300	265	291
1909	301	466	444	2494	2245	1515	1834	2891	1910	381	300	300
1910	681	896	1614	1594	650	1743	1866	1225	800	300	265	291
1911	381	481	504	1136	1988	1930	4033	3597	3125	1586	300	300
1912	626	487	477	457	435	622	590	600	500	300	265	291
1913	436	468	441	390	123	287	490	800	400	200	265	289
1914	300	142	271	1265	2080	1770	2335	2610	1750	456	300	338
1915	624	466	476	505	773	667	963	1284	1317	300	300	334
1916	672	451	475	1377	1277	1803	3070	2199	1628	355	300	334
1917	658	485	543	470	948	976	1605	1883	1649	483	300	334
1918	629	446	437	417	579	808	796	1000	800	300	265	317
1919	302	468	446	431	802	756	1192	1168	600	300	265	290
1920	318	466	529	150	150	285	490	800	400	200	265	290
1921	301	199	223	611	532	622	482	738	605	250	265	290
1922	375	448	548	518	956	830	526	1831	1574	300	300	336
1923	576	480	736	738	592	588	732	1000	806	300	265	290
1924	689	460	441	423	417	562	420	530	400	200	200	110
1925	119	112	110	219	623	551	581	559	400	203	265	290
1926	301	381	110	110	110	141	341	300	170	120	110	105
1927	109	92	164	374	656	881	1055	1397	1144	300	300	300
1928	397	493	463	382	218	1356	819	600	400	200	200	110
1929	177	112	113	110	110	141	200	300	170	120	110	105
1930	109	92	90	90	90	141	307	300	170	120	250	291
1931	300	92	90	90	59	29	39	56	202	51	10	22
1932	32	28	48	42	38	390	400	776	680	232	256	301
1933	380	165	100	100	100	141	202	300	170	265	145	103
1934	109	92	86	90	90	87	346	289	38	28	30	23
1935	31	39	31	94	76	59	300	400	270	265	278	123
1936	120	102	100	102	766	722	1166	1015	557	235	244	290
1937	401	161	103	408	654	464	589	712	299	150	265	290
1938	500	203	988	438	896	1003	1695	3770	1782	311	300	320
1939	439	466	444	507	517	606	590	600	500	300	265	295
1940	337	125	120	735	891	1344	1058	1126	500	300	265	291
1941	416	474	379	592	484	532	490	1115	825	300	265	291
1942	741	470	946	1577	1942	1295	1780	1440	1527	300	300	342
1943	653	608	1018	2112	2269	2194	2103	1283	865	300	265	292
1944	655	490	480	518	622	722	590	1000	500	300	265	291
1945	301	398	267	452	699	737	527	630	400	250	265	290
1946	540	528	786	1029	523	667	750	1178	600	300	265	290
1947	616	657	369	153	153	414	490	530	400	200	200	110
1948	206	112	113	113	110	141	200	300	272	120	265	289
1949	378	97	93	93	90	144	452	438	170	120	110	215
1950	464	92	90	600	518	562	789	853	641	150	265	290
1951	379	1786	2534	1587	854	627	1005	708	442	250	265	291

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	611	514	863	1360	1909	1947	3556	5962	1936	1614	300	300
1953	656	533	988	1267	759	1398	1616	2479	1705	896	300	300
1954	994	487	458	505	603	735	590	600	500	300	207	290
1955	304	122	173	120	120	204	350	300	170	120	159	290
1956	280	92	1663	1433	1332	1301	1229	1618	1347	356	300	331
1957	616	523	476	524	575	775	768	1029	1109	300	300	337
1958	683	493	532	542	2000	1591	1509	3299	1757	444	300	325
1959	624	529	462	477	712	639	590	600	500	300	200	120
1960	129	122	120	120	120	141	200	300	170	120	110	105
1961	109	92	75	37	30	32	36	59	94	90	103	44
1962	33	28	30	29	60	99	260	300	170	263	278	301
1963	632	93	93	547	1397	566	631	1091	550	253	246	292
1964	334	560	446	453	407	224	490	800	600	300	200	290
1965	282	152	1749	1154	623	620	778	852	608	300	360	308
1966	553	726	1161	588	500	562	490	800	400	200	200	162
1967	213	113	471	781	1496	1483	1073	2595	2595	1410	300	311
1968	666	453	512	615	645	796	590	1000	500	300	265	290
1969	415	475	270	1930	2317	1861	3085	4097	1903	373	300	342
1970	711	494	830	3424	1876	1467	951	1088	951	300	265	291
1971	712	586	669	736	1219	1376	1379	2508	1791	493	300	316
1972	703	519	668	549	503	706	590	1000	800	300	265	291
1973	372	201	291	657	657	654	676	1453	566	300	270	286
1974	642	725	1013	1618	1413	1362	1314	1958	1406	313	300	340
1975	645	508	473	447	614	1088	884	2184	1988	300	300	300
1976	717	478	454	422	374	294	420	530	400	200	200	110
1977	119	112	110	110	110	141	200	300	170	120	220	148
1978	109	92	90	90	256	234	300	797	806	224	245	291
1979	323	330	100	398	443	334	200	565	170	120	265	289
1980	482	93	93	1275	1090	698	799	1183	1067	349	300	300
1981	346	439	461	522	472	564	420	600	500	200	200	287
1982	325	989	1425	828	2958	2589	2375	3171	1683	635	300	371
1983	907	1640	1889	1854	2315	3094	3160	5141	5852	2294	566	321
1984	833	3661	3170	2320	2212	1902	1312	1820	1187	300	300	341
1985	688	598	495	451	479	655	750	1000	800	300	265	290
1986	345	491	436	515	3810	3977	3092	2103	1363	301	300	310
1987	764	460	463	476	482	570	420	600	500	200	200	110
1988	203	112	110	110	110	141	200	300	170	224	171	111
1989	109	92	90	90	90	161	367	400	270	150	175	290
1990	302	102	100	100	100	60	37	55	104	91	95	23
1991	33	28	29	29	28	129	214	270	245	152	23	24
1992	34	43	39	27	69	98	217	224	23	15	14	21
1993	31	26	60	81	79	834	885	1365	701	300	260	177
1994	331	128	131	120	120	141	200	300	213	120	110	100
1995	109	92	90	561	488	1597	1195	2067	1758	889	300	306
1996	365	360	429	483	2009	2097	2016	2857	1252	300	300	340
1997	719	443	2138	7613	2801	2491	1975	1669	1062	300	300	344
1998	690	425	464	480	1858	2169	1609	2544	2257	1125	300	419
1999	747	474	559	1022	2134	2518	2161	2867	1902	300	300	338
2000	706	417	443	485	524	573	942	1461	800	300	242	281

## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	348	419	418	540	1115	1129	739	1984	1162	300	300	300
1902	456	476	452	428	506	696	1129	1343	1256	300	300	334
1903	666	459	448	605	551	632	802	1000	994	300	265	289
1904	616	600	444	421	2824	3806	3302	3879	2557	300	300	300
1905	675	486	758	665	500	758	823	1007	937	300	265	290
1906	639	469	450	749	1907	1956	3570	3171	1834	1913	300	346
1907	629	479	564	864	1863	3454	4811	4913	3992	2428	300	300
1908	760	487	1118	798	514	623	660	1000	800	300	265	291
1909	301	466	444	2494	2245	1515	1834	2891	1910	381	300	300
1910	681	896	1614	1594	650	1743	1866	1225	800	300	265	291
1911	381	481	504	1136	1988	1930	4033	3597	3125	1586	300	300
1912	626	487	477	457	435	622	590	600	500	300	265	291
1913	436	468	441	390	123	287	490	800	400	200	265	289
1914	300	142	271	1265	2080	1770	2335	2610	1750	456	300	338
1915	624	466	476	505	773	667	963	1284	1317	300	300	334
1916	672	451	475	1377	1277	1803	3070	2199	1628	355	300	334
1917	658	485	543	470	948	976	1605	1883	1649	483	300	334
1918	629	446	437	417	579	808	796	1000	800	300	265	317
1919	302	468	446	431	802	756	1192	1168	600	300	265	290
1920	318	466	529	150	150	285	490	800	400	200	265	290
1921	301	199	223	611	532	622	482	738	605	250	265	290
1922	375	448	548	518	956	830	526	1831	1574	300	300	336
1923	576	480	736	738	592	588	732	1000	806	300	265	290
1924	689	460	441	423	417	562	420	530	400	200	200	110
1925	119	112	110	219	623	551	581	559	400	203	265	290
1926	301	381	110	110	110	141	341	300	170	120	110	105
1927	109	92	164	374	656	881	1055	1397	1144	300	300	300
1928	397	493	463	382	218	1356	819	600	400	200	200	110
1929	177	112	113	110	110	141	200	300	170	120	110	105
1930	109	92	90	90	90	141	307	300	170	120	250	291
1931	300	92	90	90	59	29	39	56	202	51	10	22
1932	32	28	48	42	38	390	400	776	680	232	256	301
1933	380	165	100	100	100	141	202	300	170	265	145	103
1934	109	92	86	90	90	87	346	289	38	28	30	23
1935	31	39	31	94	76	59	300	400	270	265	278	123
1936	120	102	100	102	766	722	1166	1015	557	235	244	290
1937	401	161	103	408	654	464	589	712	299	150	265	290
1938	500	203	988	438	896	1003	1695	3770	1782	311	300	320
1939	439	466	444	507	517	606	590	600	500	300	265	295
1940	337	125	120	735	891	1344	1058	1126	500	300	265	291
1941	416	474	379	592	484	532	490	1115	825	300	265	291
1942	741	470	946	1577	1942	1295	1780	1440	1527	300	300	342
1943	653	608	1018	2112	2269	2194	2103	1283	865	300	265	292
1944	655	490	480	518	622	722	590	1000	500	300	265	291
1945	301	398	267	452	699	737	527	630	400	250	265	290
1946	540	528	786	1029	523	667	750	1178	600	300	265	290
1947	616	657	369	153	153	414	490	530	400	200	200	110
1948	206	112	113	113	110	141	200	300	272	120	265	289
1949	378	97	93	93	90	144	452	438	170	120	110	215
1950	464	92	90	600	518	562	789	853	641	150	265	290
1951	379	1786	2534	1587	854	627	1005	708	442	250	265	291



## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	611	514	863	1360	1909	1947	3556	5962	1936	1614	300	300
1953	656	533	988	1267	759	1398	1616	2479	1705	896	300	300
1954	994	487	458	505	603	735	590	600	500	300	207	290
1955	304	122	173	120	120	204	350	300	170	120	159	290
1956	280	92	1663	1433	1332	1301	1229	1618	1347	356	300	331
1957	616	523	476	524	575	775	768	1029	1109	300	300	337
1958	683	493	532	542	2000	1591	1509	3299	1757	444	300	325
1959	624	529	462	477	712	639	590	600	500	300	200	120
1960	129	122	120	120	120	141	200	300	170	120	110	105
1961	109	92	75	37	30	32	36	59	94	90	103	44
1962	33	28	30	29	60	99	260	300	170	263	278	301
1963	632	93	93	547	1397	566	631	1091	550	253	246	292
1964	334	560	446	453	407	224	490	800	600	300	200	290
1965	282	152	1749	1154	623	620	778	852	608	300	360	308
1966	553	726	1161	588	500	562	490	800	400	200	200	162
1967	213	113	471	781	1496	1483	1073	2595	2595	1410	300	311
1968	666	453	512	615	645	796	590	1000	500	300	265	290
1969	415	475	270	1930	2317	1861	3085	4097	1903	373	300	342
1970	711	494	830	3424	1876	1467	951	1088	951	300	265	291
1971	712	586	669	736	1219	1376	1379	2508	1791	493	300	316
1972	703	519	668	549	503	706	590	1000	800	300	265	291
1973	372	201	291	657	657	654	676	1453	566	300	270	286
1974	642	725	1013	1618	1413	1362	1314	1958	1406	313	300	340
1975	645	508	473	447	614	1088	884	2184	1988	300	300	300
1976	717	478	454	422	374	294	420	530	400	200	200	110
1977	119	112	110	110	110	141	200	300	170	120	220	148
1978	109	92	90	90	256	234	300	797	806	224	245	291
1979	323	330	100	398	443	334	200	565	170	120	265	289
1980	482	93	93	1275	1090	698	799	1183	1067	349	300	300
1981	346	439	461	522	472	564	420	600	500	200	200	287
1982	325	989	1425	828	2958	2589	2375	3171	1683	635	300	371
1983	907	1640	1889	1854	2315	3094	3160	5141	5852	2294	566	321
1984	833	3661	3170	2320	2212	1902	1312	1820	1187	300	300	341
1985	688	598	495	451	479	655	750	1000	800	300	265	290
1986	345	491	436	515	3810	3977	3092	2103	1363	301	300	310
1987	764	460	463	476	482	570	420	600	500	200	200	110
1988	203	112	110	110	110	141	200	300	170	224	171	111
1989	109	92	90	90	90	161	367	400	270	150	175	290
1990	302	102	100	100	100	60	37	55	104	91	95	23
1991	33	28	29	29	28	129	214	270	245	152	23	24
1992	34	43	39	27	69	98	217	224	23	15	14	21
1993	31	26	60	81	79	834	885	1365	701	300	260	177
1994	331	128	131	120	120	141	200	300	213	120	110	100
1995	109	92	90	561	488	1597	1195	2067	1758	889	300	306
1996	365	360	429	483	2009	2097	2016	2857	1252	300	300	340
1997	719	443	2138	7613	2801	2491	1975	1669	1062	300	300	344
1998	690	425	464	480	1858	2169	1609	2544	2257	1125	300	419
1999	747	474	559	1022	2134	2518	2161	2867	1902	300	300	338
2000	706	417	443	485	524	573	942	1461	800	300	242	281

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	72	36	33	16	136	174	189	491	432	75	4	32
1902	32	17	34	13	49	36	189	419	342	35	17	26
1903	2	2	7	22	38	59	137	355	293	32	12	5
1904	11	75	5	2	172	298	264	521	458	96	13	10
1905	4	11	17	35	32	102	125	250	233	21	8	5
1906	23	2	2	27	36	88	269	605	588	197	0	0
1907	2	2	2	2	56	243	334	540	583	268	38	12
1908	4	7	16	24	25	66	118	177	212	20	8	4
1909	7	2	2	245	62	61	250	488	567	122	12	11
1910	36	80	67	39	42	178	211	286	154	6	6	12
1911	7	4	16	38	41	64	295	583	850	247	18	9
1912	5	7	5	12	2	10	54	308	282	19	13	10
1913	3	9	2	2	3	24	104	318	163	23	16	5
1914	3	2	3	105	56	193	308	532	486	93	12	0
1915	4	2	2	5	16	44	174	448	374	63	0	2
1916	29	2	5	17	39	183	342	438	476	116	24	21
1917	11	4	13	2	8	26	189	470	463	83	20	18
1918	6	2	2	2	6	23	164	286	178	0	1	5
1919	16	7	8	7	19	35	253	446	127	8	0	2
1920	5	2	3	2	3	21	94	319	160	10	1	3
1921	6	18	13	32	38	135	150	332	326	39	6	2
1922	5	2	3	10	5	6	113	570	575	78	0	0
1923	3	2	2	5	11	56	154	407	255	56	0	0
1924	3	2	2	2	12	2	28	77	8	0	3	1
1925	5	2	2	2	75	70	126	315	170	12	1	4
1926	6	2	6	6	19	60	128	184	60	0	4	2
1927	5	17	19	28	82	130	197	465	507	79	0	0
1928	6	25	15	13	11	231	139	321	92	2	1	1
1929	3	2	6	2	2	27	48	231	128	12	3	1
1930	5	2	34	13	33	68	150	240	177	10	6	2
1931	5	4	2	2	2	30	32	105	41	1	4	3
1932	5	2	2	15	15	59	184	381	327	38	3	2
1933	6	2	2	2	2	5	76	167	274	14	5	2
1934	4	2	4	8	16	89	53	78	48	8	4	3
1935	3	2	2	5	7	10	181	415	324	28	0	0
1936	5	2	2	17	28	104	242	409	280	24	0	0
1937	4	2	2	19	29	48	156	358	189	10	1	1
1938	5	2	181	19	28	40	274	681	636	110	0	0
1939	10	5	2	2	2	42	90	174	54	6	3	2
1940	3	2	2	32	50	186	211	367	226	25	14	6
1941	7	8	16	19	55	88	103	364	256	48	7	28
1942	6	2	72	73	48	55	201	342	392	70	0	3
1943	5	39	49	83	67	145	238	321	208	40	5	7
1944	6	21	9	2	2	18	78	301	132	0	1	3
1945	4	8	33	13	66	40	135	337	202	6	3	5
1946	11	26	47	110	10	76	184	338	177	7	3	6
1947	11	19	12	14	34	53	145	198	31	2	2	2
1948	12	10	9	45	19	16	115	275	283	26	4	3
1949	5	10	7	8	10	12	169	319	79	3	2	2
1950	4	7	7	14	22	37	209	431	271	48	3	3
1951	16	359	300	70	82	69	227	290	93	4	4	3

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	10	18	23	17	23	23	214	664	634	272	36	6
1953	7	9	15	58	39	45	207	278	432	134	8	6
1954	9	16	15	16	15	82	242	304	36	3	4	4
1955	5	9	8	8	10	15	52	280	177	5	3	4
1956	5	8	276	119	60	57	193	519	435	77	6	4
1957	14	17	15	15	33	60	145	371	255	9	4	5
1958	12	17	22	20	47	54	120	677	440	92	8	4
1959	6	9	7	37	30	51	158	144	62	3	2	6
1960	5	4	4	5	27	89	213	178	104	5	3	2
1961	3	5	6	5	15	19	67	148	84	3	2	3
1962	5	5	6	5	21	12	184	274	196	11	3	2
1963	130	49	90	106	353	62	79	385	238	26	4	5
1964	9	67	24	22	18	24	147	300	129	7	3	2
1965	4	8	347	100	72	62	200	375	328	82	35	13
1966	3	18	14	18	15	32	221	263	24	2	2	1
1967	1	21	38	34	40	92	53	416	723	287	11	4
1968	10	9	9	16	80	76	166	212	58	2	3	3
1969	6	28	16	65	55	39	191	713	521	91	8	3
1970	8	10	90	298	93	80	111	311	176	11	4	2
1971	4	32	38	41	46	48	123	418	512	164	9	4
1972	10	16	21	15	16	121	129	263	124	4	2	5
1973	10	23	79	52	31	32	173	469	214	0	0	4
1974	6	76	50	163	56	123	171	499	385	77	0	13
1975	14	19	22	19	21	27	40	453	573	92	0	3
1976	18	25	17	14	17	31	49	113	12	2	6	4
1977	9	6	3	5	9	10	15	24	20	4	3	5
1978	3	3	19	19	14	65	135	452	368	56	6	23
1979	3	9	8	23	12	27	83	304	118	9	4	5
1980	6	7	9	167	78	47	204	507	366	96	11	18
1981	4	9	15	14	35	35	57	142	30	3	3	4
1982	5	179	261	73	293	135	260	593	449	118	10	13
1983	67	54	44	37	42	133	141	558	956	319	72	12
1984	16	208	172	120	65	131	173	455	323	37	7	7
1985	5	48	34	26	29	36	177	253	82	19	4	5
1986	7	19	27	51	272	387	265	408	304	31	6	6
1987	10	20	18	19	30	35	66	134	21	4	5	5
1988	2	8	15	11	14	16	66	72	28	2	2	4
1989	4	17	8	9	21	151	202	253	168	10	4	4
1990	14	10	9	15	11	44	103	131	72	6	2	6
1991	4	3	3	3	7	32	46	176	133	9	7	5
1992	6	5	4	4	15	22	105	76	21	4	5	5
1993	5	1	5	11	8	71	182	540	364	65	8	6
1994	8	6	8	8	9	27	90	100	16	5	2	2
1995	2	5	6	34	53	179	172	542	821	345	32	4
1996	6	6	49	41	183	96	220	555	191	8	4	5
1997	5	40	122	376	65	127	253	348	109	5	3	4
1998	6	9	13	35	41	90	147	295	467	165	4	5
1999	7	25	26	35	64	45	122	514	381	32	10	6
2000	6	14	12	32	67	46	191	326	87	4	2	6

# TRUCKEE RIVER OPERATING AGREEMENT

## Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	50	50	50	50	50	50	70	70	70	70	70	70
1902	50	50	50	78	56	155	379	407	437	70	72	251
1903	216	199	212	119	60	50	95	407	437	70	72	258
1904	222	50	207	215	1456	1350	1395	1350	1404	70	70	70
1905	50	60	510	347	81	50	219	407	437	70	98	274
1906	225	173	75	209	1494	1350	1395	767	719	1148	70	346
1907	340	266	386	645	1494	1350	1637	2140	2605	1456	70	70
1908	50	50	775	480	130	50	70	166	238	70	72	75
1909	75	177	279	1071	1494	1070	555	407	437	70	70	70
1910	50	250	896	1010	50	420	555	719	183	70	124	223
1911	238	139	160	633	1494	1350	1395	648	437	720	70	70
1912	79	113	226	183	236	270	75	75	75	127	75	194
1913	198	75	75	75	209	247	223	366	300	198	75	186
1914	160	75	75	397	1494	987	555	407	437	275	70	120
1915	228	197	302	228	121	75	75	225	437	70	72	116
1916	235	176	231	690	748	667	555	407	437	122	70	115
1917	198	131	316	293	657	667	555	407	437	368	70	133
1918	185	160	241	220	210	207	75	177	300	91	81	118
1919	75	75	170	75	140	178	75	75	229	160	75	96
1920	159	75	75	219	278	245	407	300	300	148	75	177
1921	179	75	75	75	75	75	75	75	75	104	75	75
1922	153	75	75	75	222	141	84	407	437	97	175	137
1923	240	199	446	447	227	73	70	342	437	124	70	247
1924	261	201	306	306	176	162	89	499	480	400	451	374
1925	355	218	264	143	75	75	75	75	199	110	75	115
1926	83	75	75	75	75	75	75	300	70	296	380	341
1927	182	75	75	67	50	50	70	70	70	70	75	75
1928	75	50	75	75	75	75	75	75	300	169	185	324
1929	75	76	147	276	294	193	88	264	144	312	363	282
1930	103	28	27	69	59	50	70	115	108	426	321	123
1931	50	16	7	3	6	7	16	58	68	25	0	0
1932	0	0	0	0	0	0	0	25	75	186	172	75
1933	0	0	0	0	0	0	0	0	27	55	13	0
1934	0	0	0	0	0	0	5	10	11	0	0	0
1935	0	0	0	0	0	0	0	2	64	85	27	0
1936	0	0	0	0	10	61	70	70	70	83	207	349
1937	264	75	75	52	50	50	70	70	75	75	342	257
1938	260	75	75	75	75	60	70	70	70	75	75	75
1939	75	50	208	264	256	132	75	85	80	400	378	206
1940	289	141	200	75	75	75	75	72	332	75	75	75
1941	208	104	151	139	56	50	365	407	437	82	72	129
1942	153	149	325	790	1435	667	555	407	437	220	70	70
1943	185	50	573	1094	1494	868	555	407	437	133	70	70
1944	142	53	189	295	285	95	75	166	120	95	152	94
1945	213	75	75	75	75	90	75	75	86	199	104	75
1946	135	53	595	250	219	50	189	558	281	184	116	156
1947	93	73	149	202	113	75	106	300	300	188	309	192
1948	115	120	221	75	121	246	183	183	70	75	92	75
1949	128	109	233	211	203	169	75	75	168	151	151	239

# Lake Tahoe Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1950	243	156	207	75	75	65	70	70	70	75	75	75
1951	75	50	1218	874	4	204	555	444	398	70	75	94
1952	160	50	396	762	1443	1350	1395	985	578	811	70	70
1953	50	50	498	670	50	638	555	407	437	356	70	70
1954	50	50	69	106	210	59	70	95	300	107	75	139
1955	164	161	134	249	327	273	205	300	92	93	271	152
1956	129	108	75	423	960	667	555	407	437	220	70	70
1957	59	50	214	270	53	338	555	407	437	70	75	239
1958	137	75	166	233	1494	1223	555	407	437	291	70	70
1959	50	74	217	107	152	116	100	300	300	300	283	82
1960	83	179	246	227	75	51	136	269	84	86	213	265
1961	189	157	143	134	171	115	292	134	140	334	175	57
1962	0	0	0	0	2	70	70	72	120	288	226	75
1963	54	50	45	50	50	50	70	70	70	75	75	75
1964	50	36	50	75	75	75	75	300	300	155	88	97
1965	230	72	50	50	50	11	70	70	70	70	70	70
1966	2	50	562	169	50	19	70	70	102	75	118	136
1967	75	75	75	75	1516	673	555	407	437	569	70	70
1968	50	50	191	333	50	50	70	422	127	102	75	202
1969	119	75	193	992	1494	1350	1395	1186	437	182	70	70
1970	149	50	284	1350	875	667	555	407	437	75	75	228
1971	174	67	272	373	901	667	555	407	437	226	70	201
1972	208	75	127	167	113	69	75	216	259	186	75	119
1973	75	75	50	217	50	132	136	556	282	70	75	214
1974	165	50	661	813	1063	667	555	407	437	198	70	122
1975	200	167	242	241	252	667	555	407	437	109	70	171
1976	50	50	342	280	247	244	101	300	300	420	406	336
1977	233	135	268	247	196	281	363	331	298	480	242	70
1978	8	0	6	53	50	50	70	70	70	70	134	75
1979	56	50	75	60	50	50	87	71	70	75	230	203
1980	228	75	81	75	75	75	75	71	70	70	75	75
1981	75	50	75	75	75	75	75	369	300	319	394	333
1982	252	57	51	50	1581	1350	730	407	437	268	70	70
1983	50	982	1270	1171	1494	1350	1395	1350	2589	1077	307	70
1984	50	1950	1626	1318	1443	713	555	407	437	70	72	179
1985	204	50	144	152	108	75	75	121	300	75	75	170
1986	75	75	187	55	1615	1350	1395	1350	508	70	72	232
1987	183	134	75	75	105	75	75	370	300	382	404	332
1988	282	86	146	158	226	157	363	215	335	230	108	0
1989	0	0	0	0	0	7	70	109	184	334	176	70
1990	26	13	6	2	6	12	36	80	86	54	10	0
1991	0	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	8	30	0	0
1994	0	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	68	70	70	70	70	75
1996	50	50	50	50	240	667	555	407	437	70	72	334
1997	287	51	1220	3047	1494	817	555	407	437	70	75	280
1998	236	143	112	75	1494	1350	696	407	437	556	70	76
1999	124	50	323	650	1494	1350	1000	407	437	70	70	79
2000	229	116	235	94	57	50	209	751	193	73	75	282

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	179	200	148	123	378	486	657	969	638	238	90	120
1902	165	156	152	149	192	273	976	1033	855	171	105	298
1903	304	248	266	191	193	212	598	1012	801	159	114	288
1904	316	262	258	249	1849	2011	2255	2354	2030	269	139	124
1905	240	154	570	445	198	308	643	778	751	137	126	301
1906	298	236	103	293	1612	1613	2255	1877	1542	1477	75	356
1907	392	301	392	648	1655	1913	2725	3228	3575	1921	199	134
1908	147	135	832	560	229	246	501	449	509	140	96	94
1909	137	236	306	1622	1731	1224	1364	1306	1268	331	138	129
1910	175	481	1075	1139	177	834	1238	1132	362	100	138	248
1911	299	214	224	745	1618	1519	2302	1943	1699	1140	147	129
1912	180	198	262	232	277	321	180	518	412	195	107	228
1913	256	164	106	101	251	327	594	825	537	275	115	208
1914	208	140	114	642	1686	1420	1534	1544	1187	478	134	138
1915	315	247	317	273	192	194	696	855	920	200	109	156
1916	324	236	274	755	862	1082	1591	1186	1045	324	116	155
1917	271	209	376	324	710	747	1149	1076	1028	527	118	170
1918	259	220	279	242	258	300	635	627	516	99	93	153
1919	200	160	222	129	212	303	907	947	404	192	89	117
1920	213	118	112	252	321	329	717	820	501	181	85	197
1921	238	187	130	167	167	402	475	576	566	219	95	95
1922	208	143	117	131	269	178	263	1534	1295	288	198	150
1923	285	245	485	495	287	246	598	1038	772	242	80	261
1924	319	242	313	315	241	188	205	625	496	410	455	384
1925	382	270	284	169	275	280	506	534	375	143	88	140
1926	149	130	114	120	149	221	520	571	139	305	395	357
1927	217	160	150	175	291	413	770	915	781	218	103	96
1928	148	158	133	141	138	629	578	552	398	186	193	335
1929	114	127	191	312	327	271	294	637	271	347	373	292
1930	145	72	138	150	173	256	601	478	291	468	347	139
1931	88	77	28	37	41	96	172	239	118	37	5	42
1932	17	21	20	46	63	190	425	695	594	297	187	99
1933	47	41	19	21	9	45	170	280	403	105	20	45
1934	22	54	40	42	65	239	227	103	47	14	6	37
1935	13	44	26	36	40	57	597	773	518	152	41	24
1936	50	48	17	73	107	353	894	855	436	162	215	363
1937	305	108	85	120	130	166	512	668	361	122	352	269
1938	302	141	497	189	171	199	943	1513	1014	290	110	97
1939	183	119	230	283	280	254	381	254	146	417	397	223
1940	315	166	213	163	213	498	750	845	616	128	162	129
1941	288	185	208	215	211	273	723	1152	775	189	98	176
1942	276	211	501	933	1576	835	1179	959	1085	355	83	94
1943	264	205	700	1269	1673	1271	1347	981	705	216	87	97
1944	229	140	212	320	306	168	295	617	315	127	162	114
1945	258	155	179	153	218	226	478	629	368	245	117	98
1946	210	185	723	412	291	242	733	1144	511	223	127	189
1947	163	185	192	244	232	254	359	595	381	203	313	213
1948	173	170	227	149	147	291	453	601	504	138	104	93
1949	205	169	246	234	235	207	445	513	318	169	161	254
1950	308	249	219	143	193	284	621	720	529	182	86	92
1951	185	568	1937	1083	235	343	942	824	583	130	109	136

# Truckee River below Confluence of Donner Creek

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	234	167	473	824	1523	1449	2381	2538	1514	1173	146	123
1953	173	121	559	833	183	834	1176	945	1012	597	142	143
1954	193	135	110	153	270	240	466	476	394	129	84	155
1955	203	218	163	269	354	352	310	634	355	134	288	178
1956	172	159	682	815	1107	955	1120	1215	1102	401	105	97
1957	199	166	268	317	182	543	818	798	817	130	92	264
1958	248	170	234	274	1649	1386	1015	1584	1174	487	112	103
1959	171	164	256	184	215	234	322	504	403	319	292	145
1960	169	215	250	233	174	314	467	524	245	103	219	304
1961	241	190	151	139	235	181	406	355	294	358	183	76
1962	43	38	15	15	75	162	602	488	435	338	239	95
1963	354	175	182	238	641	268	385	740	449	158	103	113
1964	142	231	120	136	122	161	323	695	561	198	113	132
1965	289	129	804	431	219	230	619	725	571	231	160	147
1966	101	143	606	219	95	203	407	409	185	115	147	156
1967	104	170	211	196	1660	973	750	1451	1670	1057	129	119
1968	131	145	235	400	314	303	338	771	266	128	95	244
1969	199	178	258	1236	1653	1500	2144	2595	1261	374	107	107
1970	222	144	454	2098	1170	887	796	920	772	145	94	245
1971	234	236	383	503	1031	887	986	1165	1209	486	95	230
1972	284	162	190	244	228	428	346	578	500	213	87	151
1973	183	177	177	382	168	269	615	1326	576	99	86	277
1974	250	291	817	1231	1263	922	1053	1206	989	392	94	153
1975	278	229	290	293	339	802	713	1269	1333	298	95	225
1976	217	166	392	315	297	307	218	503	347	428	420	361
1977	270	171	280	265	229	314	449	419	370	493	261	92
1978	28	33	83	186	156	371	419	712	676	254	165	123
1979	104	105	95	126	120	195	328	652	287	117	251	232
1980	277	140	130	603	452	300	614	904	620	312	119	120
1981	128	107	123	114	189	187	328	590	372	326	399	346
1982	282	600	757	293	2308	1805	1482	1533	1111	543	128	154
1983	309	1169	1440	1304	1647	1884	1914	2743	4244	1684	505	122
1984	194	2510	2130	1606	1623	1060	990	1130	892	196	108	213
1985	266	191	205	205	182	217	605	515	441	109	99	199
1986	110	125	236	230	2611	2289	2032	1924	957	174	107	268
1987	264	194	103	116	185	179	363	562	354	400	418	350
1988	313	119	189	207	272	236	504	340	409	242	115	36
1989	18	75	46	38	86	482	719	536	449	384	185	109
1990	113	96	38	63	69	192	426	275	210	79	28	48
1991	24	24	6	8	24	133	208	285	205	57	33	43
1992	26	46	18	17	77	105	261	126	31	19	8	32
1993	17	21	44	83	88	480	661	1002	624	186	36	15
1994	59	42	26	21	43	94	150	169	55	8	4	30
1995	16	39	35	216	247	728	664	1195	1214	660	160	117
1996	109	95	182	186	732	1077	1224	1504	820	164	98	353
1997	335	195	1637	4400	1773	1276	1246	1030	701	139	93	297
1998	283	213	151	206	1639	1782	1238	1085	1417	890	118	139
1999	190	175	394	777	1645	1699	1504	1367	1140	210	118	115
2000	284	183	261	199	254	315	739	1275	391	104	87	306

# Truckee River below Confluence of Little Truckee River (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	438	375	209	192	842	1037	1114	2289	1470	553	510	469
1902	522	225	266	252	410	480	1625	1811	1530	541	512	475
1903	573	299	354	331	335	512	976	1696	1396	531	510	475
1904	665	510	341	345	2607	3409	3321	4105	2898	533	512	477
1905	735	259	713	666	401	809	871	1161	1239	528	468	450
1906	662	317	210	379	1722	1965	3729	3729	2418	1932	511	475
1907	639	338	397	665	1843	3024	4738	5107	4369	2719	508	469
1908	756	226	976	735	406	590	788	932	846	527	469	451
1909	473	291	360	2252	1959	1533	2379	3110	2235	663	508	469
1910	641	875	1434	1369	417	1676	2018	1420	802	524	473	455
1911	562	281	302	821	1696	1764	4049	4170	3410	1873	507	473
1912	651	260	357	342	353	414	511	803	753	480	471	452
1913	660	218	207	162	380	497	1059	1481	1041	702	470	453
1914	444	401	245	916	1841	1960	2415	3330	2103	732	510	469
1915	637	301	372	327	313	418	1292	1785	1703	526	507	469
1916	646	314	338	831	1003	1947	3175	2450	1926	616	505	468
1917	549	296	494	386	806	911	1818	2126	1926	766	515	470
1918	541	296	359	304	344	442	1077	1224	1033	525	468	436
1919	478	226	299	207	304	389	1370	1954	839	522	467	449
1920	537	195	166	412	507	457	907	1352	912	600	467	449
1921	448	257	238	205	231	633	566	854	1224	544	483	453
1922	426	200	160	203	348	218	521	3374	2288	554	509	475
1923	515	305	527	566	377	537	976	1891	1307	522	504	468
1924	628	306	372	371	339	217	456	827	686	558	567	537
1925	462	368	355	211	460	486	753	825	747	471	469	446
1926	500	194	378	350	390	480	740	937	590	552	522	535
1927	464	250	227	262	459	724	1139	1755	1737	521	505	466
1928	552	276	214	220	234	1613	917	1039	992	687	613	608
1929	467	460	418	400	406	409	675	923	577	548	523	536
1930	473	254	359	324	297	478	854	949	706	580	466	449
1931	464	311	298	176	186	312	451	488	469	335	257	136
1932	121	95	112	178	173	314	439	1068	1005	468	438	439
1933	476	114	167	157	168	245	555	709	972	509	349	164
1934	109	123	139	146	193	499	501	454	231	196	141	162
1935	145	97	100	132	151	146	1118	1117	804	530	438	435
1936	225	184	172	215	270	601	1330	1350	839	474	465	449
1937	422	194	353	187	203	257	666	956	616	486	470	449
1938	636	199	817	275	308	359	2479	4142	2057	577	498	459
1939	535	241	332	361	356	401	610	700	633	605	476	427
1940	380	388	422	288	395	1035	1019	1733	1123	527	456	437
1941	652	299	336	347	458	737	971	1953	1311	588	507	450
1942	571	293	776	1336	1843	1147	1809	1654	1884	566	501	432
1943	608	420	983	1727	2023	1964	2151	1574	1143	518	462	398
1944	639	243	342	371	370	279	528	970	643	600	472	422
1945	389	188	255	208	440	312	656	1174	846	523	468	421
1946	577	253	908	981	399	659	1207	1698	906	663	466	423
1947	641	260	319	437	457	351	810	962	809	609	614	508
1948	409	475	432	321	396	466	639	820	723	511	475	413
1949	447	371	344	304	345	319	632	623	566	530	512	431
1950	647	357	349	202	350	459	865	1078	965	536	454	424
1951	445	1359	2530	1364	592	600	1170	1067	845	477	464	437



1952	640	254	609	936	1700	1628	4155	6118	2419	1764	491	450
1953	812	230	774	1221	591	1311	1760	2512	1846	1125	458	431
1954	1175	233	211	316	355	493	642	759	791	597	463	435
1955	453	459	332	426	462	468	774	791	813	554	459	432
1956	378	395	1211	1198	1273	1241	1294	2037	2015	639	494	445
1957	709	257	384	401	410	903	859	1120	1400	537	501	447
1958	651	229	318	362	1796	1621	1468	3493	2090	741	487	444
1959	657	302	368	366	353	504	807	1026	915	699	611	555
1960	493	470	425	404	417	591	819	871	594	538	512	526
1961	463	331	270	258	276	303	485	496	540	537	436	292
1962	120	97	94	98	186	278	682	641	799	505	434	390
1963	775	327	434	415	1120	431	445	1059	921	466	435	425
1964	557	480	282	261	233	437	881	1349	1202	708	495	424
1965	445	405	1310	739	410	431	935	1585	1290	542	462	434
1966	814	336	745	372	357	416	495	735	582	538	522	433
1967	394	440	302	328	1855	1179	970	3247	3000	1756	490	431
1968	756	281	305	521	734	722	500	963	628	487	473	454
1969	415	274	356	1518	1781	1705	3504	4603	2241	633	499	457
1970	618	314	778	3263	1643	1338	837	1341	1257	527	461	440
1971	619	367	477	684	1247	1253	1339	2569	2129	805	502	468
1972	630	268	331	344	348	998	549	1008	887	705	471	452
1973	361	336	302	534	269	380	808	2179	1048	672	468	447
1974	635	546	967	1725	1484	1427	1420	2258	1743	600	505	457
1975	618	296	361	358	431	979	752	2699	2362	552	511	475
1976	638	328	488	401	388	472	782	844	687	583	568	533
1977	456	429	421	395	410	403	659	725	578	539	451	407
1978	188	170	258	353	337	543	484	1134	1155	499	464	410
1979	442	205	361	205	190	357	575	856	564	538	471	457
1980	453	309	328	1090	778	557	1001	2127	1385	630	502	461
1981	508	189	215	226	396	382	524	774	925	608	611	451
1982	424	987	1546	705	3586	2525	2382	3411	1914	886	500	446
1983	970	1440	1723	1520	1921	2810	2815	5278	6141	2522	812	464
1984	964	3362	2945	2115	1936	1714	1277	2065	1514	539	502	463
1985	617	308	297	338	330	466	1066	985	836	521	472	451
1986	454	187	351	389	3559	3911	2694	2632	1611	459	501	464
1987	635	282	191	192	327	404	609	1046	918	612	616	494
1988	412	366	371	352	369	409	670	730	587	460	412	335
1989	191	253	210	194	313	891	933	961	944	556	455	453
1990	498	357	218	267	253	430	870	516	535	489	329	190
1991	128	98	95	95	103	298	495	464	530	418	158	144
1992	113	134	101	95	215	297	525	445	211	261	156	134
1993	112	93	107	233	238	695	923	1707	991	523	452	426
1994	384	116	123	199	233	398	572	669	415	269	244	213
1995	190	182	194	403	449	1237	1107	2038	1688	1196	482	464
1996	536	188	415	415	1554	1756	1898	2967	1419	479	509	469
1997	633	324	2227	6647	2218	2161	1884	1715	1125	504	552	483
1998	612	289	236	330	1739	2430	1649	2563	2290	1294	471	446
1999	566	329	532	975	1867	2297	1981	2810	2051	487	509	479
2000	621	280	355	309	559	765	1142	1707	859	555	466	448

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	45	45	45	45	45	45	345	669	433	183	84	52
1902	224	62	96	78	144	151	335	317	274	140	87	45
1903	245	45	45	45	111	188	135	346	212	123	90	45
1904	194	150	53	47	319	541	555	976	525	134	83	78
1905	401	68	47	67	125	211	130	318	218	117	49	46
1906	183	45	45	70	94	171	739	761	401	196	70	45
1907	214	45	30	30	55	452	891	1057	348	232	114	58
1908	361	62	54	70	98	171	70	361	125	103	45	186
1909	227	45	45	268	52	204	492	979	382	105	105	78
1910	308	129	106	148	138	384	393	230	329	110	66	61
1911	67	45	69	154	152	204	801	1093	568	208	95	77
1912	334	62	38	45	45	60	101	247	45	92	52	57
1913	118	65	60	45	47	102	208	664	311	125	45	142
1914	117	96	75	197	106	145	61	816	469	122	94	56
1915	306	45	30	46	80	138	244	298	267	130	100	50
1916	203	45	45	68	73	328	767	776	420	105	100	51
1917	260	43	47	38	48	120	328	407	356	70	96	49
1918	264	31	43	30	45	71	260	314	267	125	100	100
1919	146	45	45	45	45	100	309	495	216	125	100	100
1920	117	45	45	45	50	63	296	622	146	125	100	84
1921	117	45	45	45	45	233	102	47	310	128	100	58
1922	170	45	45	49	48	100	197	1174	607	121	69	45
1923	253	45	45	45	45	153	230	394	200	111	77	45
1924	178	45	45	45	45	50	82	45	125	123	91	52
1925	46	45	45	31	100	106	188	63	125	45	42	85
1926	182	33	98	134	140	203	337	231	125	75	70	49
1927	122	45	45	45	158	216	61	82	343	88	100	45
1928	214	55	54	55	48	520	171	157	344	125	200	176
1929	269	207	166	51	48	48	323	272	122	126	102	122
1930	156	45	140	116	95	246	325	199	125	45	67	80
1931	114	45	58	74	45	100	133	112	286	278	209	47
1932	73	34	30	30	30	138	389	45	30	45	30	30
1933	38	30	32	45	69	126	280	459	326	30	92	89
1934	65	39	45	40	41	146	139	51	62	85	30	62
1935	104	30	30	52	58	45	463	256	45	111	45	52
1936	31	51	78	45	95	272	312	51	31	45	45	37
1937	39	45	45	45	45	59	159	60	45	125	100	93
1938	54	45	66	45	45	79	791	1198	425	81	76	54
1939	309	140	39	33	41	45	100	125	125	149	100	65
1940	45	42	156	45	45	330	107	364	165	116	160	61
1941	261	45	45	46	97	215	87	512	233	161	75	48
1942	220	45	162	70	87	168	387	423	419	72	67	45
1943	321	167	106	154	133	341	502	306	162	113	45	45
1944	251	81	41	30	30	53	157	219	125	125	100	100
1945	80	45	45	45	104	116	194	366	202	106	58	166
1946	128	104	120	72	45	205	340	328	142	125	70	52
1947	268	73	45	57	113	169	422	237	142	176	185	174
1948	163	155	156	49	125	143	334	287	114	87	82	45
1949	136	45	45	45	45	84	255	414	45	45	78	45
1950	45	45	45	45	70	134	323	46	45	125	52	45
1951	59	149	85	45	45	110	135	189	136	65	66	87

# Stampede Reservoir Release

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	283	127	73	45	125	100	830	1250	381	181	93	70
1953	401	50	52	133	106	158	331	440	223	92	49	55
1954	486	45	45	45	45	119	131	96	154	125	159	100
1955	134	47	73	125	71	56	365	523	125	125	100	45
1956	77	46	495	45	45	45	56	289	492	81	68	45
1957	346	76	50	30	69	224	87	273	236	99	71	45
1958	252	95	83	45	118	81	389	1124	475	93	71	61
1959	348	91	57	72	49	125	197	461	246	209	218	292
1960	291	130	103	82	133	264	362	185	125	67	164	79
1961	212	52	45	44	40	49	54	111	123	45	120	69
1962	48	45	40	45	32	35	413	60	47	45	45	45
1963	45	30	142	30	30	30	68	44	281	49	45	45
1964	337	112	47	45	35	58	580	552	410	171	67	97
1965	87	140	436	45	45	45	198	496	433	149	45	47
1966	376	70	45	45	192	45	94	140	125	125	139	100
1967	196	46	45	45	100	366	125	1018	670	346	88	52
1968	293	97	40	43	204	227	109	69	163	45	88	76
1969	127	50	45	140	97	114	883	1164	559	81	78	58
1970	278	94	133	550	204	280	85	272	210	117	45	45
1971	173	142	91	89	98	177	336	868	572	171	69	45
1972	279	55	66	54	54	286	116	204	164	125	149	242
1973	125	46	45	104	45	100	141	527	211	231	104	118
1974	98	128	118	254	103	321	226	587	414	91	73	53
1975	284	36	44	41	51	73	87	721	554	91	66	58
1976	351	57	45	45	45	87	310	210	232	125	100	88
1977	115	96	82	75	96	51	302	91	121	45	156	277
1978	133	45	45	95	87	266	45	45	37	58	54	45
1979	30	41	45	45	45	45	118	69	46	125	100	61
1980	54	45	46	165	30	45	239	677	365	114	84	61
1981	256	39	42	45	79	79	67	131	240	125	158	46
1982	60	280	245	181	628	331	552	873	440	128	73	45
1983	436	124	134	110	152	352	502	1460	1124	472	132	55
1984	406	416	376	228	144	329	213	548	319	117	81	45
1985	184	84	49	48	58	125	339	291	201	89	108	96
1986	204	45	45	52	431	866	475	425	286	45	81	45
1987	260	45	45	45	52	103	111	201	287	125	140	100
1988	48	88	71	50	46	100	125	175	125	193	273	269
1989	143	47	73	91	113	563	53	188	214	77	52	55
1990	125	51	65	100	100	236	340	103	95	50	248	109
1991	82	45	45	30	34	57	132	210	167	43	75	37
1992	32	36	31	30	45	77	154	56	104	206	122	72
1993	76	30	45	45	45	316	45	30	30	114	45	107
1994	31	30	32	63	93	173	300	355	292	220	192	146
1995	151	78	97	134	161	32	30	30	79	166	71	55
1996	273	30	80	96	405	337	388	785	236	69	82	45
1997	203	78	189	887	151	327	247	328	147	93	106	53
1998	142	45	45	80	102	298	233	805	488	189	53	45
1999	316	66	70	99	106	249	321	827	439	73	85	72
2000	208	45	45	63	136	194	281	250	240	125	66	63

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	103	57	52	29	185	247	268	636	542	112	23	55
1902	60	31	54	26	64	55	273	528	427	58	36	47
1903	23	10	17	39	48	84	210	453	372	58	37	22
1904	33	110	14	10	228	411	394	675	578	144	30	48
1905	33	22	32	57	52	146	182	321	293	41	28	21
1906	42	11	10	47	52	128	422	794	761	289	19	9
1907	10	10	10	10	68	329	517	702	757	382	72	39
1908	32	16	30	41	42	96	181	231	266	44	21	17
1909	25	10	10	326	78	88	379	630	725	181	30	55
1910	55	117	99	60	66	250	319	363	190	18	16	23
1911	25	13	27	56	56	88	444	762	1092	346	37	50
1912	26	16	15	22	8	15	69	376	354	38	33	26
1913	19	18	11	10	9	32	158	398	204	47	32	19
1914	17	10	11	144	75	262	471	693	611	138	27	29
1915	23	10	10	14	23	54	264	564	473	96	25	21
1916	51	11	13	29	49	248	507	553	587	165	48	42
1917	20	13	25	10	15	43	281	593	583	125	45	35
1918	17	11	11	10	17	32	234	358	221	10	9	19
1919	45	17	19	16	32	49	358	569	153	21	11	15
1920	21	10	12	10	8	28	125	403	200	22	10	15
1921	24	31	24	50	50	189	210	419	414	70	18	15
1922	20	11	12	20	15	17	131	727	713	114	18	10
1923	11	10	11	14	21	79	224	520	321	88	17	12
1924	21	10	9	9	16	5	36	86	13	5	6	3
1925	10	10	9	9	99	103	185	395	209	23	17	21
1926	27	8	16	15	24	88	181	229	68	6	12	13
1927	20	29	37	47	108	185	294	602	653	123	25	16
1928	28	42	31	26	18	313	205	406	107	13	7	8
1929	13	11	15	10	5	34	65	288	148	25	13	10
1930	18	6	55	28	42	101	222	305	223	22	18	12
1931	21	9	8	8	5	42	46	129	66	97	7	14
1932	16	6	10	30	21	68	212	441	421	64	20	16
1933	22	7	11	16	31	9	90	205	354	23	9	53
1934	43	8	12	18	22	101	83	105	75	63	8	12
1935	7	11	9	13	11	16	242	469	375	53	13	12
1936	22	6	11	31	36	148	352	524	355	49	10	12
1937	19	10	10	32	37	64	216	452	236	26	10	11
1938	20	11	223	31	46	60	395	895	804	160	12	31
1939	25	14	11	11	11	59	124	204	62	12	8	10
1940	14	6	9	51	69	257	303	490	286	39	44	25
1941	26	19	30	35	74	129	151	483	325	74	27	45
1942	32	11	104	108	66	86	297	437	502	106	18	19
1943	26	57	73	117	89	206	343	415	264	64	22	22
1944	23	31	19	10	9	24	96	381	172	12	9	15
1945	18	17	46	26	83	61	197	436	257	20	17	19
1946	31	42	68	141	17	112	274	444	224	21	18	19
1947	28	30	22	22	45	82	185	256	56	9	9	13
1948	32	15	14	60	24	20	147	346	355	48	13	14
1949	17	14	13	13	14	19	220	387	100	11	11	12
1950	17	13	14	27	37	74	294	547	360	78	15	17
1951	40	460	378	103	132	104	284	372	128	18	18	18

# Little Truckee River below Confluence of Independence Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	33	32	37	28	31	39	363	902	810	359	57	39
1953	23	18	32	85	59	83	281	382	547	194	24	22
1954	43	28	26	27	29	113	308	377	51	15	13	14
1955	18	19	18	18	17	24	73	349	223	20	14	16
1956	27	17	349	154	84	100	288	663	482	119	18	21
1957	39	32	29	24	48	94	191	460	323	25	22	19
1958	31	27	35	30	65	63	154	884	573	139	22	35
1959	22	19	22	55	47	79	200	179	79	13	13	18
1960	19	9	10	11	37	132	274	233	135	16	13	16
1961	19	10	12	11	24	39	97	185	112	14	13	14
1962	23	14	24	47	26	16	258	323	249	25	10	14
1963	192	64	115	137	467	94	131	507	315	51	24	23
1964	24	91	40	37	32	43	198	372	172	26	14	14
1965	20	17	438	138	103	102	291	491	424	120	53	36
1966	32	30	28	33	29	64	284	319	37	14	10	12
1967	19	35	59	53	58	144	80	575	954	386	27	24
1968	45	22	21	30	116	114	215	267	81	16	17	19
1969	23	39	26	89	70	51	300	941	669	131	19	27
1970	32	21	108	387	134	112	163	400	242	27	20	15
1971	23	47	52	56	58	78	184	551	664	224	31	20
1972	26	28	33	26	25	176	190	332	173	18	13	20
1973	26	34	96	80	46	51	253	602	261	18	11	15
1974	40	133	104	203	79	167	226	634	494	121	23	31
1975	30	29	33	30	29	36	65	562	724	134	23	31
1976	35	40	31	27	24	48	66	143	19	9	14	15
1977	24	11	7	13	14	15	24	32	26	10	9	14
1978	38	9	30	34	21	82	188	551	476	95	25	40
1979	14	19	18	45	19	47	119	381	152	24	14	15
1980	26	17	20	212	106	72	277	652	461	143	22	40
1981	23	31	30	29	52	52	75	181	37	10	8	13
1982	23	259	346	101	370	177	338	781	585	173	23	55
1983	116	68	76	55	61	162	178	720	1249	437	103	37
1984	63	276	221	145	84	199	238	589	408	66	30	24
1985	24	63	51	43	44	57	227	327	102	33	14	18
1986	28	29	38	70	343	512	374	509	381	55	26	20
1987	43	39	37	38	38	54	85	145	28	12	10	13
1988	13	14	26	22	19	36	76	83	35	10	34	67
1989	61	30	24	14	27	171	241	300	231	19	13	17
1990	40	21	18	29	16	67	151	157	84	15	48	46
1991	69	6	8	10	12	39	59	217	177	16	48	11
1992	10	13	12	12	20	29	119	102	68	9	8	9
1993	9	5	19	26	13	83	214	641	462	101	30	18
1994	24	11	18	16	14	45	115	125	76	52	5	13
1995	24	23	15	64	61	210	216	641	1019	456	53	36
1996	16	16	81	66	243	140	292	748	270	32	20	21
1997	17	68	185	557	91	174	347	468	160	21	19	17
1998	28	20	25	59	58	124	184	396	634	234	32	26
1999	21	45	44	57	91	70	163	688	506	64	22	36
2000	19	25	23	53	92	71	264	418	124	19	12	18

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	46	60	20	25	65	99	85	98	83	10	5	10
1902	72	56	21	26	30	38	76	53	60	5	7	10
1903	61	40	14	15	31	43	70	49	53	4	7	10
1904	65	75	21	12	76	131	122	120	102	15	5	10
1905	94	52	14	27	32	49	66	40	23	5	7	10
1906	56	43	10	22	39	57	130	175	161	34	5	10
1907	52	35	6	3	24	90	160	155	167	43	8	5
1908	78	49	13	21	25	39	65	33	13	5	7	10
1909	48	41	9	96	104	35	106	114	136	19	5	10
1910	81	78	42	40	37	73	114	42	16	5	7	10
1911	47	46	13	25	34	42	109	146	222	34	5	10
1912	72	49	13	12	14	17	12	38	29	5	7	10
1913	52	50	12	7	12	21	53	41	15	5	7	10
1914	48	42	9	41	60	71	144	122	105	14	5	10
1915	63	40	6	12	20	26	86	60	72	8	5	10
1916	65	43	11	13	26	66	137	82	87	15	5	10
1917	61	47	12	13	15	21	82	69	94	11	5	10
1918	62	44	13	8	14	20	69	39	13	5	7	10
1919	58	50	13	17	19	31	96	93	21	5	7	10
1920	48	39	11	11	14	20	41	44	16	5	7	10
1921	48	52	13	24	34	62	79	45	55	5	7	10
1922	53	45	10	12	15	18	37	145	128	19	7	10
1923	44	37	11	13	20	31	77	68	47	8	5	10
1924	56	40	6	6	19	3	3	2	3	3	3	10
1925	26	33	8	10	33	55	59	40	7	3	7	10
1926	54	44	12	15	16	16	66	24	3	3	3	10
1927	32	40	16	28	50	73	95	89	116	11	5	10
1928	63	57	15	21	19	68	87	42	5	5	7	10
1929	38	38	13	11	11	3	33	33	3	6	3	10
1930	40	36	20	27	27	45	74	35	3	11	7	10
1931	36	39	8	10	9	3	32	4	6	5	3	33
1932	15	16	6	15	25	47	82	65	98	15	7	10
1933	45	36	11	12	5	13	24	36	31	10	4	40
1934	20	33	11	12	20	50	24	2	2	3	3	30
1935	12	24	14	16	6	17	55	98	68	11	7	10
1936	49	38	3	14	28	47	111	102	50	12	7	10
1937	40	31	3	3	9	23	59	67	36	5	7	10
1938	41	42	65	62	23	46	82	126	173	23	5	10
1939	67	41	7	5	6	12	34	2	3	3	3	10
1940	25	24	8	14	23	59	117	83	35	5	7	10
1941	69	42	12	15	25	31	41	63	39	3	7	10
1942	73	39	26	39	33	29	54	47	108	4	5	10
1943	49	61	22	33	38	67	123	42	29	5	7	10
1944	49	43	4	12	10	15	25	46	28	5	7	10
1945	44	50	15	31	36	31	69	62	33	5	7	10
1946	56	55	29	57	31	15	83	64	27	5	7	10
1947	41	50	9	10	23	49	51	29	3	9	3	10
1948	39	32	3	25	18	17	57	49	66	3	7	10
1949	47	41	7	19	20	22	34	51	15	11	7	10
1950	38	35	3	19	30	52	98	80	57	13	7	10
1951	48	172	165	45	16	3	35	20	5	5	4	10

# Donner Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	39	35	15	21	22	24	101	189	158	33	5	10
1953	60	43	15	30	34	41	76	44	70	17	3	3
1954	75	51	12	15	17	36	72	38	5	5	5	8
1955	37	41	14	10	11	20	27	36	17	11	7	10
1956	38	41	92	124	44	58	103	77	77	8	5	10
1957	67	58	14	21	33	50	51	49	52	8	7	10
1958	61	49	13	15	31	51	81	163	106	13	5	10
1959	62	42	8	11	13	3	19	15	3	9	3	10
1960	53	35	2	3	29	61	77	30	3	6	3	10
1961	32	28	2	2	20	24	25	30	5	11	7	10
1962	42	37	10	11	18	36	113	54	49	11	7	10
1963	126	46	28	41	122	94	35	93	47	8	7	10
1964	47	75	25	21	19	20	52	43	24	3	7	10
1965	48	39	173	150	13	44	104	57	61	7	5	10
1966	59	45	13	13	16	31	75	30	5	5	5	10
1967	25	42	39	44	28	57	36	120	211	41	5	10
1968	55	42	19	25	53	63	37	32	5	8	3	8
1969	48	52	22	56	55	34	101	204	113	13	5	10
1970	60	38	31	151	106	28	44	45	36	5	7	10
1971	56	57	28	43	35	44	86	103	103	10	5	10
1972	63	44	15	28	51	78	88	3	8	5	7	10
1973	63	50	21	40	38	32	48	95	29	5	7	10
1974	54	79	40	84	87	65	60	101	74	20	5	10
1975	51	41	15	24	35	44	27	46	133	9	5	11
1976	91	58	14	7	12	3	21	17	3	3	3	10
1977	35	28	6	7	10	3	3	2	2	2	0	10
1978	18	22	18	36	35	56	72	86	92	10	7	10
1979	43	37	2	15	23	30	53	65	24	5	7	10
1980	46	36	14	85	109	38	88	74	85	11	5	10
1981	50	37	14	4	23	20	46	25	3	3	3	10
1982	28	116	148	70	92	108	101	138	95	16	5	10
1983	111	64	29	37	39	73	64	118	281	57	9	5
1984	80	131	110	62	36	52	73	75	50	4	6	10
1985	52	60	15	11	19	22	90	34	5	5	5	10
1986	33	27	12	43	163	193	131	49	41	3	7	10
1987	56	36	4	9	17	3	35	6	3	4	3	10
1988	30	25	12	15	13	3	13	2	3	3	5	30
1989	17	32	17	15	21	104	162	39	10	11	7	10
1990	54	51	12	15	21	17	82	3	3	10	5	33
1991	23	22	2	2	8	28	38	36	5	11	17	32
1992	24	29	8	6	19	13	32	2	6	4	3	30
1993	16	18	13	22	27	71	123	131	89	8	5	10
1994	54	38	7	7	13	3	22	5	11	3	3	26
1995	14	24	12	46	72	108	121	152	185	53	5	10
1996	57	38	26	40	92	100	100	147	39	3	7	10
1997	46	59	97	237	96	41	112	39	9	5	7	10
1998	44	39	9	28	42	69	85	66	176	25	5	10
1999	58	58	17	36	47	54	73	145	93	5	5	10
2000	52	40	5	21	47	56	100	45	8	5	7	10

# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	135	112	49	61	196	175	5	219	85	51	23	191
1902	216	60	99	68	64	48	11	102	84	57	36	170
1903	187	11	38	41	50	97	69	122	102	62	24	45
1904	293	75	25	46	100	238	99	541	290	122	37	45
1905	290	30	37	45	52	104	66	98	118	47	16	45
1906	309	39	14	83	102	110	150	364	5	8	11	45
1907	247	5	5	5	54	206	318	590	126	195	65	45
1908	301	19	29	30	38	77	29	166	49	47	27	125
1909	151	18	13	191	63	92	79	615	146	96	30	45
1910	348	113	109	68	91	119	5	50	96	21	15	152
1911	191	26	29	59	64	95	286	608	252	176	41	45
1912	300	19	20	22	19	30	103	12	13	47	23	38
1913	287	19	20	17	22	50	166	25	92	74	30	45
1914	133	52	10	66	64	168	130	527	249	109	36	45
1915	284	13	13	12	40	77	93	207	145	63	11	45
1916	300	36	21	63	107	181	72	297	81	26	52	168
1917	209	36	58	17	37	40	5	173	113	40	46	161
1918	200	19	23	15	33	39	52	141	90	12	12	106
1919	141	29	31	28	47	55	182	223	131	20	67	45
1920	174	11	21	36	24	30	52	51	101	28	30	88
1921	96	39	59	34	72	183	57	179	174	70	16	242
1922	87	23	29	37	32	43	149	474	189	80	11	90
1923	208	13	24	25	38	72	37	188	116	49	12	45
1924	267	5	5	5	28	26	71	51	17	11	11	28
1925	10	20	5	10	66	74	6	13	72	20	63	137
1926	132	13	14	27	36	82	25	27	28	25	12	71
1927	68	29	32	43	99	136	89	355	166	50	13	151
1928	179	28	26	31	53	191	5	117	41	25	89	79
1929	69	31	21	16	6	39	42	115	59	25	25	11
1930	34	31	56	34	58	59	39	148	94	25	12	45
1931	123	19	15	16	63	88	126	87	7	8	8	8
1932	10	15	33	39	45	75	7	149	156	54	105	45
1933	187	17	18	16	16	57	106	141	220	60	56	8
1934	8	13	18	26	32	104	83	26	42	44	6	5
1935	6	17	13	23	27	27	220	25	13	75	11	145
1936	143	15	16	34	56	127	165	205	125	41	216	45
1937	66	10	12	42	61	86	54	135	123	45	10	38
1938	268	18	240	39	36	61	360	662	103	45	16	146
1939	198	23	28	5	11	48	96	79	25	11	11	11
1940	11	33	21	44	90	176	140	207	111	28	26	44
1941	286	58	37	62	128	108	94	55	105	60	16	168
1942	195	33	65	87	84	69	104	150	167	38	12	45
1943	277	41	65	79	90	173	140	89	98	49	13	45
1944	281	14	15	14	14	30	95	92	85	25	12	61
1945	52	33	19	15	19	50	29	125	115	37	12	45
1946	289	39	32	48	36	99	106	130	98	34	12	45
1947	289	38	38	25	50	63	96	91	25	41	11	11
1948	47	49	5	9	5	20	61	102	8	44	13	103
1949	112	16	10	10	13	31	25	13	84	13	6	43
1950	267	12	13	15	42	111	69	208	154	59	10	156
1951	171	266	213	86	140	111	5	5	58	33	11	45



# Prosser Creek Reservoir Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	289	38	42	32	48	54	404	666	102	122	44	45
1953	302	18	21	92	48	77	52	307	35	67	25	13
1954	325	23	25	57	35	78	47	98	71	12	12	121
1955	141	16	20	14	18	38	93	88	134	25	12	45
1956	62	31	304	154	73	95	106	348	196	70	26	45
1957	305	26	28	24	60	106	5	64	137	42	10	45
1958	288	23	32	26	75	59	73	564	170	54	28	45
1959	292	16	16	58	41	74	131	99	60	11	11	11
1960	10	9	5	30	71	181	138	101	116	25	42	10
1961	9	28	9	26	8	41	75	85	73	53	70	8
1962	10	12	15	18	61	39	57	54	142	73	75	66
1963	258	43	70	53	406	77	25	224	129	50	16	159
1964	175	80	59	32	31	70	151	94	129	27	12	67
1965	55	47	374	109	86	126	126	202	154	60	50	100
1966	255	40	28	33	31	97	52	147	33	16	95	90
1967	44	73	37	56	73	162	95	557	196	137	33	45
1968	318	23	28	38	123	128	99	41	81	12	11	94
1969	101	41	31	105	64	53	356	464	137	56	20	45
1970	285	26	91	335	111	118	5	40	136	42	10	45
1971	277	61	50	60	63	97	72	400	147	75	23	45
1972	287	31	31	31	38	190	148	178	134	25	11	36
1973	32	55	50	74	50	64	86	185	122	26	12	45
1974	269	135	71	196	72	171	51	248	167	66	24	45
1975	297	19	25	26	34	58	5	406	134	64	23	45
1976	301	41	30	24	30	59	70	101	32	11	11	27
1977	26	29	19	8	31	25	25	25	25	11	11	11
1978	17	45	68	53	23	123	34	238	171	64	197	75
1979	92	14	15	35	31	60	113	7	98	28	107	85
1980	105	18	23	232	125	87	96	237	141	77	28	169
1981	171	18	29	29	57	55	96	25	25	28	25	53
1982	50	232	263	87	275	157	172	451	182	85	44	170
1983	270	66	66	58	75	201	218	567	279	177	74	45
1984	330	214	183	115	81	153	26	215	142	80	21	45
1985	276	47	34	31	36	53	73	135	70	12	12	103
1986	119	22	30	71	404	365	112	182	164	65	17	45
1987	292	16	20	19	40	50	100	60	25	11	11	31
1988	35	9	33	24	30	52	56	42	25	11	10	8
1989	33	55	26	23	41	243	108	158	141	39	12	45
1990	171	25	21	36	29	77	232	47	184	7	7	7
1991	7	7	5	26	16	55	97	106	125	35	10	8
1992	12	18	16	18	41	65	120	76	19	9	6	5
1993	10	13	21	32	33	43	129	330	190	100	10	45
1994	250	13	20	19	22	61	84	86	36	9	6	9
1995	9	16	19	52	87	289	259	470	106	162	58	160
1996	186	14	68	52	218	157	127	319	128	59	10	45
1997	262	55	148	537	92	200	104	107	121	41	25	45
1998	250	25	25	55	48	160	57	479	83	91	29	156
1999	201	39	51	60	80	150	82	395	198	91	27	45
2000	273	19	20	43	66	107	72	65	104	22	12	45

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	24	13	15	10	26	49	46	78	76	28	17	20
1902	24	11	15	10	9	15	46	58	57	18	17	18
1903	20	7	8	12	4	20	40	56	53	19	22	15
1904	21	21	7	7	29	69	67	82	83	37	11	36
1905	23	9	11	14	15	31	31	44	40	15	18	15
1906	17	7	7	16	10	30	91	104	125	72	19	9
1907	7	7	7	7	4	54	98	92	121	82	24	24
1908	27	7	9	12	13	22	32	34	37	19	11	12
1909	16	7	7	46	5	21	67	78	104	43	12	41
1910	16	23	20	16	18	50	60	46	25	10	9	10
1911	16	7	9	14	10	18	73	89	152	68	13	39
1912	20	7	7	7	5	4	8	34	48	14	18	15
1913	15	8	7	7	4	5	29	46	28	19	14	13
1914	13	7	7	24	10	43	82	83	85	34	10	28
1915	18	7	7	7	4	6	49	59	65	24	22	17
1916	19	7	7	8	4	41	84	64	73	36	21	18
1917	8	7	8	7	5	13	50	64	82	31	23	15
1918	9	7	7	7	9	6	41	42	29	10	6	13
1919	25	8	9	7	10	10	62	69	16	11	9	12
1920	16	7	7	7	4	4	15	50	28	10	8	11
1921	17	10	9	14	8	42	38	52	62	25	11	12
1922	15	7	7	7	9	9	8	90	99	27	17	10
1923	7	7	7	7	8	16	41	64	45	24	16	11
1924	17	7	7	7	2	2	4	4	4	5	2	2
1925	4	6	5	6	14	24	32	44	25	8	14	15
1926	20	4	9	7	2	20	29	26	4	6	6	10
1927	14	7	13	14	17	39	55	74	98	32	22	14
1928	20	11	11	11	4	56	36	47	8	10	6	7
1929	9	7	7	7	2	4	8	34	11	11	9	9
1930	13	3	15	12	5	25	41	38	30	10	9	10
1931	15	4	5	5	2	10	9	15	23	95	2	10
1932	10	2	6	10	2	2	4	15	65	20	13	13
1933	15	3	8	12	28	2	4	20	59	5	3	51
1934	38	5	6	8	2	2	15	18	24	53	2	8
1935	2	6	6	7	2	3	23	8	27	19	9	11
1936	16	3	8	11	4	32	65	66	51	20	10	11
1937	14	7	7	10	4	11	37	57	34	14	9	10
1938	14	7	21	9	13	15	64	103	110	37	9	30
1939	13	7	7	7	8	13	19	12	4	5	4	6
1940	9	3	7	13	10	46	55	65	37	10	26	15
1941	16	7	9	12	9	30	26	68	47	19	18	12
1942	23	7	20	19	9	23	57	56	77	26	17	11
1943	20	13	16	22	12	44	63	53	37	18	15	11
1944	16	7	7	7	6	4	8	55	29	10	8	9
1945	13	7	10	11	11	16	40	62	38	10	12	12
1946	17	11	15	17	4	27	58	64	32	10	13	11
1947	14	7	7	7	7	23	29	38	18	6	7	9
1948	17	3	5	12	2	2	20	48	53	18	8	9
1949	11	3	5	5	2	5	33	45	13	7	8	9
1950	12	3	5	11	9	28	57	71	60	23	10	12
1951	20	63	45	22	33	25	36	51	23	10	12	12

# Independence Lake Release (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	19	9	9	7	4	11	92	109	123	65	13	28
1953	12	7	12	16	11	27	41	49	73	42	8	11
1954	31	8	8	7	10	22	38	52	9	10	6	8
1955	12	7	7	7	4	5	12	43	36	13	9	10
1956	21	7	44	21	18	34	56	74	8	32	9	15
1957	22	11	10	7	10	26	23	56	51	13	16	13
1958	17	7	10	7	10	4	15	117	96	36	10	28
1959	13	7	12	13	13	21	23	25	13	8	9	10
1960	13	3	3	3	5	32	35	40	25	9	9	12
1961	14	3	4	4	5	16	21	28	23	9	9	10
1962	16	7	17	40	2	2	45	22	42	11	6	10
1963	51	12	17	16	69	22	32	67	52	19	18	15
1964	11	15	12	10	10	14	29	47	33	16	9	10
1965	14	6	52	26	23	31	57	64	67	30	12	19
1966	26	7	10	12	10	25	38	41	8	10	6	9
1967	15	9	15	14	12	41	20	91	148	74	10	16
1968	31	9	7	9	25	27	27	37	16	11	11	13
1969	14	7	7	15	10	6	79	124	96	30	8	21
1970	19	7	7	59	28	20	31	50	46	10	13	10
1971	17	8	9	10	6	22	37	64	105	45	18	14
1972	13	7	7	7	4	38	42	45	37	11	9	13
1973	13	7	7	21	10	14	53	77	31	13	8	8
1974	31	47	47	20	15	28	25	73	78	34	19	14
1975	13	7	7	7	4	5	19	57	101	34	19	25
1976	13	11	11	11	4	13	6	21	4	6	6	9
1977	13	3	3	6	2	3	4	4	4	6	4	7
1978	33	4	8	11	4	8	34	46	78	32	17	15
1979	8	7	7	19	4	16	22	48	26	12	9	9
1980	18	7	9	24	18	19	40	81	66	36	8	20
1981	17	20	12	12	11	12	4	30	4	6	4	8
1982	16	58	55	19	43	25	37	101	93	41	9	37
1983	39	7	25	13	13	13	21	86	167	84	21	18
1984	40	43	28	10	10	51	34	82	60	20	18	13
1985	14	8	12	13	10	16	24	52	13	11	8	10
1986	17	7	7	11	39	80	63	54	51	18	16	10
1987	29	15	15	14	3	13	6	4	4	5	4	6
1988	9	4	8	7	2	14	4	8	4	6	31	62
1989	56	10	14	3	2	2	4	26	52	6	7	11
1990	24	9	7	12	2	17	30	19	7	7	44	39
1991	63	2	3	5	2	2	4	29	38	5	40	4
1992	2	6	5	6	2	2	5	24	45	4	2	3
1993	2	2	12	11	3	2	4	29	71	29	20	10
1994	14	3	8	6	3	14	16	20	57	46	2	10
1995	20	16	8	23	2	7	20	20	128	87	16	30
1996	7	7	25	20	44	33	36	114	57	18	14	14
1997	9	21	45	103	15	28	51	82	36	12	13	10
1998	18	7	8	19	12	23	21	50	110	55	23	16
1999	10	14	12	16	20	15	19	92	84	22	8	27
2000	10	7	7	15	17	16	40	64	27	11	7	10

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	436	376	219	208	876	1046	1063	2178	1415	522	506	468
1902	523	237	275	259	425	514	1580	1751	1515	527	507	473
1903	571	308	352	358	332	536	921	1600	1383	525	507	473
1904	659	530	345	349	2660	3484	3249	4069	2918	542	505	466
1905	731	270	724	682	404	814	856	1206	1194	526	469	451
1906	659	324	212	437	1748	1950	3684	3661	2373	1917	505	469
1907	634	343	413	690	1831	3120	4717	5093	4246	2701	501	465
1908	757	234	1002	748	403	582	752	967	814	521	468	450
1909	471	299	362	2294	1995	1574	2316	3100	2167	629	505	466
1910	644	893	1470	1402	453	1678	1975	1431	814	519	467	450
1911	560	289	310	913	1735	1811	4012	3967	3381	1859	502	465
1912	647	268	369	353	354	431	537	756	741	475	469	449
1913	661	224	212	178	382	508	1026	1432	999	696	467	451
1914	445	408	265	1067	1889	1970	2387	3145	2007	729	500	465
1915	632	311	380	334	364	445	1223	1744	1687	519	505	467
1916	642	321	342	947	1055	1959	3140	2406	1884	606	503	465
1917	548	303	505	389	838	939	1785	2084	1905	758	505	466
1918	543	308	363	309	361	472	1006	1156	1016	522	468	442
1919	471	233	300	210	367	414	1275	1814	816	519	467	450
1920	540	209	193	417	510	459	870	1275	898	598	468	450
1921	447	260	256	240	260	649	603	866	1143	523	480	451
1922	428	207	175	207	442	270	585	3372	2197	519	504	472
1923	516	318	567	603	398	520	916	1790	1290	519	504	469
1924	638	324	384	381	340	228	459	811	683	555	566	538
1925	467	383	363	215	468	486	703	774	744	473	469	451
1926	506	211	385	359	400	482	681	901	577	549	524	537
1927	467	287	229	257	470	711	1046	1641	1697	522	506	468
1928	558	299	223	222	234	1604	872	985	982	684	612	609
1929	470	474	425	404	414	411	651	865	573	548	523	537
1930	476	265	363	332	304	464	777	900	707	577	470	450
1931	470	327	304	181	187	306	470	453	460	340	265	144
1932	135	105	147	215	204	305	503	981	944	454	452	438
1933	483	134	180	187	185	249	580	704	920	516	353	170
1934	120	130	159	157	203	491	478	447	235	214	161	169
1935	158	107	108	148	152	150	1057	1029	754	539	452	433
1936	233	195	180	217	355	590	1229	1223	815	468	464	451
1937	426	206	363	195	253	290	675	920	576	479	468	450
1938	639	208	838	290	406	490	2376	3970	1999	566	500	465
1939	529	252	343	377	367	396	572	698	618	602	474	448
1940	387	401	430	344	468	1077	1028	1628	1113	519	466	450
1941	657	304	370	358	464	727	916	1826	1277	573	505	466
1942	567	301	810	1412	1861	1166	1755	1608	1783	554	503	466
1943	607	446	999	1827	2045	1949	2097	1483	1120	519	464	448
1944	637	265	366	378	396	300	531	958	624	599	468	450
1945	394	215	250	210	501	330	674	1167	815	520	468	450
1946	599	256	950	1092	403	656	1222	1655	887	668	468	450
1947	652	287	335	438	449	357	814	927	805	606	611	534
1948	411	485	439	341	429	468	645	785	668	501	470	452
1949	443	378	356	313	358	334	575	610	542	529	522	452
1950	645	360	361	238	376	456	806	1053	914	523	468	451
1951	444	1467	2503	1387	606	609	1113	1031	808	467	467	450

# Truckee River above Coldron ditch and Verdi Powerhouse

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	653	256	659	1020	1747	1689	4079	6189	2332	1749	500	463
1953	808	250	830	1245	646	1341	1676	2608	1890	1166	507	472
1954	1166	243	219	324	376	501	649	697	790	591	470	450
1955	457	481	360	440	469	463	797	817	769	549	470	451
1956	400	414	1241	1291	1299	1221	1325	2006	1907	611	501	465
1957	697	273	392	413	427	919	885	1165	1360	523	506	470
1958	655	241	322	374	1802	1659	1557	3479	1986	716	502	465
1959	646	312	373	368	395	503	823	1004	902	705	611	567
1960	488	487	440	419	449	591	854	854	574	543	522	537
1961	467	359	297	279	275	307	506	479	517	533	442	337
1962	132	110	108	108	238	311	755	621	768	505	452	440
1963	832	338	424	418	1216	435	494	1108	929	461	454	449
1964	573	489	291	272	244	443	931	1365	1157	705	495	451
1965	448	426	1392	787	412	452	979	1520	1241	519	464	463
1966	832	378	791	395	367	397	539	699	576	527	522	451
1967	415	453	313	379	1862	1228	1029	3246	2851	1683	502	464
1968	773	284	317	531	710	716	534	917	616	486	469	451
1969	424	284	364	1627	1862	1725	3547	4449	2122	615	503	465
1970	650	333	791	3205	1661	1341	876	1279	1205	519	467	449
1971	650	377	497	690	1242	1242	1407	2600	2033	766	502	465
1972	644	284	361	353	345	976	582	969	843	701	468	450
1973	381	346	302	546	290	379	812	2134	1005	668	468	451
1974	648	557	975	1683	1472	1476	1367	2165	1663	570	505	467
1975	619	306	361	363	457	1006	785	2601	2244	522	504	465
1976	646	340	488	402	391	489	797	810	677	579	567	534
1977	468	443	425	398	413	403	646	707	568	536	454	414
1978	201	175	267	366	364	563	541	1119	1072	469	468	451
1979	464	222	370	211	202	354	606	775	536	533	470	452
1980	461	340	336	1061	789	550	1039	1990	1322	598	504	466
1981	520	205	226	236	394	377	517	774	908	608	613	454
1982	435	954	1467	722	3486	2501	2416	3272	1850	852	500	443
1983	978	1448	1714	1557	1981	2783	2882	5151	5930	2465	780	461
1984	973	3343	2917	2109	1945	1716	1301	2012	1438	519	504	465
1985	635	329	306	347	336	461	1102	962	815	524	468	450
1986	473	201	367	382	3564	3934	2793	2626	1558	458	499	463
1987	652	295	204	202	333	400	570	1026	907	607	613	491
1988	421	384	381	362	378	409	646	709	569	455	418	343
1989	205	259	219	204	321	929	942	913	905	555	463	451
1990	500	367	235	273	258	410	869	480	509	487	331	198
1991	143	112	108	108	112	292	488	446	495	405	167	151
1992	128	147	115	109	217	292	486	424	214	268	165	143
1993	124	106	111	238	243	651	965	1569	951	501	453	436
1994	396	133	137	213	240	395	587	652	412	278	254	223
1995	202	193	205	409	435	1247	1152	1990	1593	1115	478	463
1996	547	208	415	413	1587	1796	1905	2829	1393	478	502	465
1997	649	330	2224	6653	2289	2159	1847	1633	1104	497	557	492
1998	629	295	243	327	1738	2409	1641	2573	2175	1251	469	446
1999	588	330	551	991	1911	2286	2042	2801	1962	478	507	479
2000	644	293	368	312	558	742	1165	1648	834	556	472	452

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	435	388	226	226	930	1065	1020	2129	1363	474	457	423
1902	488	223	255	239	409	518	1538	1700	1463	479	459	428
1903	536	293	332	362	322	525	880	1548	1330	477	459	428
1904	624	516	324	328	2702	3528	3219	4018	2866	493	456	422
1905	698	256	706	663	387	803	815	1155	1141	477	420	406
1906	623	309	192	474	1742	1941	3642	3611	2320	1868	457	424
1907	599	329	407	702	1811	3236	4704	5043	4193	2652	453	420
1908	727	221	1002	734	387	569	704	915	761	472	419	405
1909	436	284	343	2334	2021	1583	2270	3048	2114	580	456	422
1910	609	885	1488	1410	460	1659	1925	1379	761	471	419	405
1911	524	275	293	1004	1751	1832	3980	3916	3328	1811	454	420
1912	611	255	352	335	334	422	494	705	689	426	420	404
1913	626	209	192	176	362	485	975	1380	947	647	419	407
1914	409	393	273	1242	1942	1957	2346	3094	1955	681	452	420
1915	597	296	363	318	404	442	1174	1692	1635	471	456	422
1916	606	305	326	1075	1090	1950	3095	2354	1831	557	454	420
1917	512	289	496	370	856	938	1744	2033	1852	709	456	421
1918	508	292	344	289	361	500	968	1104	963	474	420	398
1919	435	219	281	191	420	430	1235	1763	763	471	419	406
1920	505	194	203	399	490	445	832	1224	854	550	419	406
1921	411	247	249	245	245	629	552	832	1090	474	432	406
1922	393	191	175	190	544	304	551	3322	2144	470	456	427
1923	481	304	598	633	396	502	879	1739	1247	470	455	425
1924	602	309	365	361	319	212	408	759	630	506	518	493
1925	432	369	343	193	471	468	653	722	691	425	421	406
1926	471	195	364	342	393	460	631	849	524	501	475	492
1927	431	301	211	237	490	713	1009	1590	1644	473	458	423
1928	523	286	204	202	212	1627	842	934	929	635	564	565
1929	435	458	406	383	396	395	608	814	520	499	475	493
1930	441	248	354	327	293	446	727	848	649	524	417	403
1931	432	311	281	161	164	282	428	403	413	302	226	108
1932	109	83	158	220	207	288	453	930	895	410	408	397
1933	449	118	161	191	167	231	531	654	870	471	310	138
1934	93	114	160	140	184	469	428	396	190	178	129	133
1935	134	89	89	134	131	133	1031	980	705	495	408	392
1936	200	181	160	205	435	598	1184	1171	762	420	416	406
1937	391	190	349	192	285	286	631	868	523	431	420	405
1938	604	194	839	277	517	634	2364	3920	1955	517	452	420
1939	494	237	325	363	351	380	522	646	565	553	426	403
1940	352	386	410	391	548	1111	996	1577	1060	470	418	405
1941	622	290	383	357	463	710	871	1774	1225	524	457	421
1942	532	286	832	1431	1864	1190	1721	1558	1731	505	455	421
1943	572	455	992	1903	2053	1970	2064	1432	1068	470	415	403
1944	602	252	349	363	402	309	493	907	571	550	419	405
1945	359	216	233	190	519	343	635	1115	763	471	419	406
1946	582	247	975	1079	387	652	1176	1603	834	619	419	406
1947	617	305	322	419	431	342	764	875	752	558	563	490
1948	376	470	418	321	409	449	611	736	615	452	421	407
1949	408	362	341	295	340	317	525	561	489	480	473	407
1950	609	344	342	263	373	457	766	1002	861	474	420	407
1951	419	1516	2516	1399	616	596	1073	980	755	418	418	405

# Truckee River above Confluence of Hunter Creek (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	625	245	702	1109	1772	1750	4081	6138	2279	1701	451	419
1953	773	242	839	1238	630	1321	1636	2574	1854	1117	459	428
1954	1130	230	200	309	378	512	600	645	737	542	421	406
1955	422	467	350	426	451	442	746	765	717	500	421	406
1956	365	398	1373	1417	1329	1204	1275	1973	1854	563	453	421
1957	662	263	373	399	421	905	834	1131	1307	475	457	425
1958	620	228	309	362	1804	1681	1570	3429	1936	668	454	420
1959	611	304	354	351	421	493	782	953	850	656	563	522
1960	453	473	419	403	456	587	816	803	521	494	474	492
1961	432	350	276	258	254	289	456	431	468	489	398	301
1962	108	92	89	89	289	331	716	571	719	460	408	398
1963	810	325	405	420	1225	441	477	1085	895	412	405	404
1964	547	497	272	256	225	428	881	1329	1104	656	447	406
1965	412	412	1477	859	417	438	935	1468	1190	470	434	417
1966	806	405	800	383	348	377	488	648	524	478	473	407
1967	380	446	320	422	1855	1251	1029	3204	2798	1635	453	419
1968	740	269	302	520	700	704	491	881	563	438	421	406
1969	399	270	351	1751	1958	1724	3513	4398	2073	567	455	420
1970	630	318	799	3237	1672	1326	843	1228	1153	470	418	404
1971	627	380	512	690	1223	1235	1367	2567	1981	717	454	420
1972	619	273	377	343	327	956	532	917	790	653	420	405
1973	360	332	289	555	302	373	768	2083	952	619	419	406
1974	617	563	975	1670	1453	1473	1325	2114	1610	521	457	422
1975	584	294	342	343	463	1033	770	2550	2191	474	456	421
1976	616	326	467	382	374	473	747	758	624	530	519	489
1977	433	429	404	377	393	380	596	657	518	492	410	382
1978	176	150	264	369	362	548	494	1067	1019	421	419	406
1979	428	208	352	195	193	336	556	723	483	484	422	407
1980	426	325	320	1076	834	554	1000	1939	1269	550	456	421
1981	484	189	209	222	376	360	466	723	855	559	565	409
1982	400	956	1464	744	3478	2514	2399	3237	1815	814	451	412
1983	965	1451	1708	1581	2016	2816	2903	5119	5897	2430	733	416
1984	941	3386	2929	2113	1963	1716	1265	1961	1385	470	455	420
1985	600	335	287	328	319	456	1066	911	763	475	420	406
1986	447	187	356	364	3722	3991	2825	2594	1524	424	451	418
1987	630	279	186	186	316	382	520	974	855	558	564	447
1988	385	366	364	346	359	387	596	658	520	412	385	310
1989	186	241	201	184	303	923	903	871	853	506	415	406
1990	465	349	217	256	239	393	819	429	459	443	299	167
1991	121	93	89	89	92	272	442	396	446	361	136	119
1992	105	128	97	90	196	263	436	374	172	236	131	111
1993	102	85	89	221	224	664	926	1520	902	457	409	395
1994	363	115	120	196	220	375	537	609	370	244	219	190
1995	179	172	186	407	415	1332	1121	1984	1613	1087	430	418
1996	512	190	402	397	1649	1839	1879	2799	1358	437	454	420
1997	623	314	2245	6903	2375	2201	1836	1610	1072	449	508	457
1998	602	280	226	311	1730	2438	1613	2542	2161	1222	429	418
1999	566	313	544	988	1932	2307	2027	2774	1930	437	460	434
2000	618	275	351	297	543	724	1128	1608	782	508	423	407

# Truckee River at Reno, NV Gaging Station (Hwy 395)

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	326	311	147	156	885	994	950	2070	1281	397	382	336
1902	423	183	211	194	366	492	1467	1636	1377	397	382	341
1903	470	250	288	338	284	486	810	1485	1249	397	382	341
1904	559	476	279	282	2706	3535	3161	3957	2784	420	382	336
1905	639	217	665	620	344	765	746	1092	1058	397	344	320
1906	558	268	148	475	1708	1906	3572	3551	2238	1794	382	338
1907	534	288	374	683	1767	3300	4661	4983	4112	2579	382	336
1908	669	182	975	696	347	530	630	852	680	396	344	320
1909	371	243	299	2338	2014	1563	2200	2984	2033	507	382	336
1910	545	850	1476	1391	439	1616	1847	1315	680	397	344	320
1911	460	234	253	1048	1736	1822	3923	3854	3247	1737	382	336
1912	548	216	311	293	290	385	423	641	603	345	344	320
1913	560	168	147	147	317	438	893	1313	860	570	344	320
1914	343	353	249	1353	1959	1921	2282	3030	1873	607	382	336
1915	534	257	323	279	407	411	1100	1628	1553	397	382	337
1916	542	264	285	1149	1093	1917	3026	2290	1750	484	382	336
1917	449	250	461	328	842	909	1677	1969	1770	634	382	336
1918	443	251	301	244	331	494	903	1042	881	396	344	319
1919	372	179	237	147	433	415	1169	1700	681	397	344	320
1920	440	154	184	358	446	405	765	1161	782	473	344	320
1921	347	209	215	222	205	583	472	785	1009	397	356	320
1922	328	149	147	148	594	301	489	3260	2063	397	382	342
1923	417	265	594	629	366	459	814	1677	1176	396	382	341
1924	538	268	322	317	274	168	326	689	540	422	440	407
1925	366	328	298	147	443	423	574	657	606	345	344	320
1926	405	154	318	299	358	413	552	781	436	417	397	404
1927	365	285	167	194	476	685	943	1528	1562	397	382	336
1928	459	247	160	157	165	1615	781	873	847	557	488	478
1929	369	417	362	338	351	352	536	747	435	417	397	406
1930	375	205	318	295	256	403	649	783	577	451	345	339
1931	384	286	249	132	131	248	355	338	338	241	168	41
1932	56	38	138	196	182	245	377	868	819	339	338	316
1933	388	78	118	167	123	188	453	590	790	396	241	73
1934	42	74	133	98	139	421	347	332	120	119	76	66
1935	83	47	46	94	84	90	973	920	629	422	338	311
1936	138	141	116	167	470	576	1113	1108	681	345	340	320
1937	326	148	309	162	282	254	560	804	442	354	344	319
1938	539	154	811	240	575	719	2321	3860	1883	444	382	336
1939	431	198	283	325	311	339	445	582	480	472	349	320
1940	287	344	366	399	583	1111	937	1515	978	397	344	320
1941	558	251	367	330	435	669	799	1710	1143	448	382	336
1942	467	246	822	1419	1838	1182	1661	1498	1649	432	382	336
1943	508	434	959	1936	2033	1961	2005	1369	986	397	344	320
1944	539	213	307	325	380	288	428	844	490	473	344	320
1945	294	188	193	147	503	324	567	1052	681	397	344	320
1946	538	211	967	1042	345	621	1104	1539	752	543	344	320
1947	553	294	284	376	388	301	687	811	667	477	486	403
1948	310	428	373	277	363	404	545	676	530	370	344	320
1949	342	320	300	253	295	274	446	502	406	399	396	320
1950	543	302	297	254	342	428	698	940	779	398	344	320
1951	366	1528	2499	1383	595	558	1006	916	673	345	344	320



# Truckee River at Reno, NV Gaging Station (Hwy 395)

(cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	570	208	707	1151	1766	1772	4049	6077	2198	1627	382	336
1953	710	208	819	1208	590	1277	1568	2526	1789	1041	384	343
1954	1066	190	157	269	350	493	525	581	656	465	346	320
1955	357	428	313	387	408	396	667	700	631	418	344	320
1956	299	355	1448	1489	1327	1164	1201	1925	1772	489	382	336
1957	601	227	331	361	389	867	758	1084	1226	397	382	340
1958	556	189	271	324	1777	1670	1546	3368	1860	594	382	336
1959	547	268	310	311	412	457	714	889	768	579	487	437
1960	388	433	375	361	433	555	748	741	438	415	398	406
1961	366	314	231	213	207	245	376	372	388	413	328	227
1962	56	49	44	46	298	316	653	509	643	388	338	317
1963	758	288	363	400	1211	417	427	1046	830	339	331	320
1964	492	476	231	217	184	387	805	1280	1022	578	370	320
1965	347	372	1519	888	393	399	868	1404	1113	396	378	332
1966	752	397	779	347	306	335	411	584	437	397	396	320
1967	315	412	298	428	1821	1243	988	3149	2717	1561	382	336
1968	681	229	265	484	667	667	419	831	481	357	344	320
1969	342	231	313	1818	2002	1696	3455	4336	1998	493	382	336
1970	579	278	778	3238	1654	1288	780	1167	1071	397	344	320
1971	575	354	497	663	1181	1202	1300	2520	1901	644	382	336
1972	564	235	363	309	287	910	454	853	708	574	344	320
1973	308	293	252	534	283	339	697	2019	870	543	344	320
1974	556	539	947	1635	1410	1443	1255	2050	1528	447	382	336
1975	519	255	298	299	438	1025	723	2489	2109	398	382	336
1976	559	286	423	337	331	431	669	690	536	446	443	407
1977	367	387	359	331	347	331	514	589	435	414	338	312
1978	124	101	234	342	331	509	419	1003	938	345	344	320
1979	364	168	309	154	156	293	478	659	400	405	344	320
1980	360	284	280	1061	840	528	936	1876	1188	476	382	336
1981	420	148	169	185	333	318	385	653	766	476	485	320
1982	334	929	1434	734	3451	2499	2352	3189	1750	751	382	342
1983	923	1427	1681	1575	2018	2820	2885	5073	5834	2369	666	335
1984	884	3396	2915	2092	1950	1690	1203	1899	1304	397	382	336
1985	537	312	247	286	277	423	1005	848	681	397	344	320
1986	392	148	321	324	3819	4012	2815	2548	1459	363	378	336
1987	580	240	147	147	276	342	441	905	766	476	486	359
1988	319	323	323	305	316	340	516	589	436	337	329	244
1989	137	199	158	140	261	891	837	817	771	427	341	320
1990	400	305	174	215	195	351	740	361	375	368	244	104
1991	70	50	46	46	46	228	367	328	365	288	82	55
1992	53	85	55	47	152	210	357	304	103	179	74	44
1993	52	40	42	179	179	648	859	1459	826	391	341	316
1994	302	73	80	155	176	331	460	552	298	184	162	122
1995	127	126	142	377	371	1369	1059	1957	1588	1031	362	335
1996	449	148	367	359	1671	1846	1825	2754	1293	372	380	336
1997	567	275	2237	7070	2413	2212	1794	1571	1010	378	433	382
1998	545	238	184	272	1696	2433	1555	2496	2111	1166	365	348
1999	513	272	512	959	1921	2296	1980	2731	1866	371	390	352
2000	562	233	309	260	506	682	1065	1556	702	427	346	320

# Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	299	290	127	136	865	973	930	2004	1208	327	313	291
1902	387	156	184	167	338	464	1448	1566	1304	327	313	296
1903	435	222	261	311	257	458	791	1416	1176	327	313	296
1904	523	448	252	255	2679	3507	3142	3889	2711	350	313	291
1905	605	189	638	593	317	737	727	1022	985	327	275	275
1906	522	240	121	448	1681	1878	3553	3484	2165	1724	313	293
1907	499	260	347	656	1739	3272	4641	4916	4039	2509	313	291
1908	636	154	948	669	320	503	611	781	607	327	275	275
1909	336	215	272	2312	1986	1535	2180	2913	1959	437	313	291
1910	509	822	1449	1364	411	1588	1825	1245	607	327	275	275
1911	424	206	226	1021	1709	1794	3904	3785	3173	1668	313	291
1912	512	188	284	266	263	358	403	570	531	275	275	275
1913	525	140	120	120	290	410	871	1242	786	500	275	275
1914	308	325	223	1326	1931	1894	2262	2959	1800	537	313	291
1915	498	229	296	253	379	383	1080	1558	1480	327	313	292
1916	507	236	258	1123	1066	1889	3007	2220	1677	414	313	291
1917	413	223	434	301	814	881	1658	1899	1697	564	313	291
1918	408	223	274	218	303	466	883	973	808	327	275	275
1919	336	151	210	120	405	388	1149	1630	608	327	275	275
1920	405	126	157	331	420	377	746	1092	713	403	275	275
1921	311	181	188	195	177	555	450	718	935	327	287	275
1922	292	121	120	122	566	273	469	3192	1990	327	313	296
1923	381	237	567	603	338	432	794	1608	1107	327	313	296
1924	503	240	295	291	247	141	304	618	466	352	371	361
1925	331	300	271	120	415	395	554	585	533	275	275	275
1926	370	126	291	273	330	386	532	710	362	347	328	359
1927	330	257	140	167	448	657	923	1459	1489	327	313	291
1928	423	219	133	130	138	1588	762	805	774	487	419	433
1929	334	389	335	312	323	324	517	677	362	348	328	360
1930	339	177	291	268	228	375	630	712	499	379	275	275
1931	333	246	211	94	91	208	336	269	275	186	114	6
1932	26	12	111	170	156	217	357	799	750	275	275	274
1933	354	51	91	141	96	160	433	521	722	332	179	38
1934	13	47	107	72	112	393	324	263	58	65	22	30
1935	53	20	20	68	56	63	954	855	560	359	275	270
1936	104	115	90	141	443	549	1094	1037	607	275	271	275
1937	290	120	282	135	254	227	541	734	368	284	275	274
1938	503	126	784	213	547	691	2302	3794	1814	374	313	291
1939	395	170	256	298	283	311	425	512	407	402	280	275
1940	252	316	339	372	556	1083	918	1447	905	327	275	275
1941	523	223	340	303	407	642	780	1640	1070	378	313	291
1942	432	218	795	1392	1810	1154	1642	1431	1576	362	313	291
1943	472	406	933	1909	2005	1933	1985	1300	913	327	275	275
1944	503	185	281	298	353	260	409	775	417	403	275	275
1945	259	160	166	120	475	296	548	983	608	327	275	275
1946	505	184	941	1015	318	593	1085	1468	679	474	275	275
1947	517	266	257	350	360	273	667	740	594	407	417	358
1948	275	400	347	250	336	376	526	610	457	301	275	275
1949	306	292	273	226	267	246	426	436	333	330	327	275
1950	508	274	270	227	314	400	679	870	706	329	275	275
1951	333	1500	2472	1356	568	531	986	847	600	275	275	275

# Truckee River at Sparks, NV Gaging Station (E. McCarran Rd) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	537	180	681	1125	1739	1744	4029	6009	2125	1558	313	291
1953	675	180	792	1181	562	1249	1549	2460	1720	971	315	298
1954	1031	163	131	243	322	465	506	511	583	395	277	275
1955	321	400	287	360	380	368	646	628	558	348	275	275
1956	264	327	1421	1462	1300	1136	1180	1859	1699	420	313	291
1957	566	199	304	335	361	839	737	1017	1153	327	313	295
1958	520	161	245	298	1750	1642	1526	3301	1791	525	313	291
1959	512	241	283	284	384	429	694	820	695	509	418	392
1960	353	405	348	335	406	527	729	672	365	346	329	361
1961	331	286	204	187	180	217	354	307	320	350	265	186
1962	26	23	18	20	270	289	634	441	574	324	275	275
1963	727	262	336	374	1184	389	407	980	761	269	262	275
1964	459	448	205	190	157	359	786	1213	949	508	301	275
1965	311	344	1492	861	365	372	849	1334	1044	327	311	285
1966	719	369	753	320	278	307	389	513	364	327	327	275
1967	279	384	271	401	1793	1215	968	3083	2644	1491	313	291
1968	648	201	238	457	640	640	400	765	408	288	275	275
1969	309	203	287	1791	1974	1668	3435	4267	1929	423	313	291
1970	546	250	751	3211	1626	1260	761	1099	998	327	275	275
1971	541	326	470	636	1153	1174	1281	2453	1830	574	313	291
1972	531	208	336	282	260	883	433	782	635	504	275	275
1973	275	265	225	508	255	312	677	1949	797	473	275	275
1974	523	511	921	1608	1383	1415	1236	1980	1455	377	313	291
1975	484	227	272	272	410	997	703	2421	2036	328	313	291
1976	526	258	396	310	304	404	649	619	462	376	374	362
1977	331	360	332	304	319	303	491	520	366	351	275	275
1978	94	74	207	315	303	482	400	932	864	275	275	275
1979	328	140	282	128	128	266	458	588	327	335	275	275
1980	324	256	253	1035	813	501	916	1806	1115	406	313	291
1981	385	120	142	158	305	290	363	583	693	407	416	275
1982	298	901	1407	707	3423	2471	2332	3123	1682	684	312	299
1983	890	1400	1654	1548	1990	2793	2865	5007	5765	2302	598	290
1984	851	3368	2889	2065	1924	1662	1184	1830	1231	327	313	291
1985	502	284	220	260	250	396	986	778	608	327	275	275
1986	358	120	294	297	3791	3984	2796	2482	1390	297	307	291
1987	547	212	120	120	249	314	419	835	693	407	417	314
1988	283	295	296	279	289	312	494	520	367	275	275	209
1989	107	172	131	114	233	863	817	751	698	358	275	275
1990	364	277	148	188	167	324	716	292	306	305	190	69
1991	41	24	20	20	19	200	348	259	296	225	28	20
1992	23	59	28	21	126	180	337	235	42	125	20	9
1993	22	14	15	152	152	621	840	1391	758	327	278	275
1994	268	46	53	128	148	304	438	488	236	129	107	87
1995	97	100	116	351	343	1342	1040	1891	1519	964	294	290
1996	414	120	340	332	1644	1818	1806	2687	1224	305	310	291
1997	534	247	2210	7043	2385	2184	1775	1505	941	311	362	339
1998	511	210	158	246	1668	2405	1535	2430	2042	1099	298	305
1999	480	245	485	932	1893	2269	1960	2665	1797	304	324	307
2000	529	205	282	233	479	655	1046	1489	630	358	277	275

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	363	422	258	332	1146	1176	1049	2077	1262	374	363	346
1902	451	307	326	287	524	682	1569	1629	1359	374	363	350
1903	499	363	399	533	470	656	924	1482	1229	374	363	350
1904	587	604	389	370	2955	3774	3324	3964	2765	397	363	346
1905	670	348	804	733	497	930	857	1087	1040	374	325	330
1906	586	387	261	720	1903	2080	3665	3556	2219	1771	363	347
1907	563	411	553	904	1920	3536	4865	4992	4094	2556	363	346
1908	700	314	1167	868	511	695	693	841	662	374	325	330
1909	400	359	406	2583	2267	1765	2275	2972	2014	484	363	346
1910	573	1010	1708	1604	657	1748	1901	1304	662	374	325	330
1911	489	351	397	1296	1970	2042	4065	3857	3228	1714	363	346
1912	576	348	443	407	389	539	504	630	586	322	325	330
1913	589	286	253	328	479	551	942	1302	841	547	325	330
1914	372	475	454	1602	2223	2089	2364	3019	1854	584	363	346
1915	562	371	451	430	670	593	1178	1619	1535	374	363	347
1916	571	367	412	1394	1349	2090	3100	2278	1731	461	363	346
1917	477	381	635	456	1072	1094	1770	1961	1752	611	363	346
1918	472	350	398	325	516	726	1028	1041	862	374	325	330
1919	400	296	345	241	690	629	1270	1693	662	374	325	330
1920	469	270	391	513	571	553	882	1158	772	450	325	330
1921	375	351	396	430	382	707	524	809	990	374	337	330
1922	356	251	335	317	860	540	628	3263	2044	374	363	351
1923	445	391	842	881	567	605	929	1674	1167	374	363	350
1924	567	379	424	402	358	283	376	677	521	399	421	416
1925	395	455	421	239	637	578	638	645	587	322	325	330
1926	434	273	425	434	542	549	612	769	417	394	378	414
1927	394	488	323	327	710	877	1081	1530	1543	374	363	346
1928	487	384	285	254	253	1817	953	880	829	534	469	488
1929	398	523	475	431	487	501	623	738	416	395	378	415
1930	403	301	486	484	442	555	720	772	553	426	325	330
1931	397	407	348	247	242	335	415	328	330	245	169	59
1932	90	88	334	403	387	391	436	859	804	322	325	328
1933	418	168	219	358	288	332	511	580	775	379	229	91
1934	77	167	319	251	282	524	394	322	122	113	70	83
1935	118	101	123	236	209	227	1145	930	614	406	325	322
1936	168	256	234	333	726	776	1195	1097	662	322	321	330
1937	354	247	463	352	546	436	643	794	423	331	325	329
1938	568	273	1002	416	841	958	2527	3886	1874	421	363	346
1939	459	312	385	474	477	495	506	571	462	449	330	330
1940	316	450	464	642	841	1350	1088	1520	960	374	325	330
1941	587	372	582	526	639	827	874	1698	1124	425	363	346
1942	496	365	1053	1653	2048	1409	1804	1510	1630	409	363	346
1943	536	625	1146	2187	2252	2183	2128	1368	967	374	325	330
1944	567	347	442	488	587	490	544	841	471	450	325	330
1945	323	365	360	261	729	531	672	1047	662	374	325	330
1946	594	373	1212	1215	520	803	1181	1527	733	521	325	330
1947	581	504	458	502	513	439	743	799	648	454	467	413
1948	339	536	472	368	466	513	660	689	511	348	325	330
1949	370	430	456	398	455	426	505	500	387	377	377	330
1950	572	411	412	487	542	617	821	938	760	376	325	330
1951	402	1767	2722	1605	818	727	1104	909	655	322	325	330

# Truckee River at Vista, NV Gaging Station (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	601	361	958	1402	2010	2011	4274	6084	2180	1605	363	346
1953	739	370	1032	1395	765	1403	1645	2546	1798	1021	365	353
1954	1095	323	275	420	553	700	589	571	639	442	327	330
1955	385	566	488	560	576	520	720	688	612	395	325	330
1956	328	451	1691	1739	1580	1317	1259	1947	1754	467	363	346
1957	630	385	464	527	583	1034	819	1099	1207	374	363	349
1958	585	327	442	501	1987	1893	1785	3376	1851	572	363	346
1959	576	429	434	440	655	630	817	883	749	556	469	447
1960	417	561	482	488	634	736	880	742	418	393	379	415
1961	395	472	350	302	310	359	426	368	373	397	315	243
1962	90	120	131	119	555	533	747	503	628	371	325	330
1963	805	432	476	589	1434	610	620	1179	891	329	313	330
1964	525	665	370	366	298	506	867	1282	1003	555	351	330
1965	375	504	1765	1139	605	563	943	1392	1103	374	404	345
1966	788	622	995	526	463	459	463	572	418	374	377	330
1967	343	575	509	680	2011	1467	1204	3175	2699	1538	363	345
1968	712	332	421	658	849	845	511	841	462	335	325	330
1969	380	353	481	2071	2269	1888	3595	4339	1994	471	363	346
1970	655	421	985	3494	1901	1468	979	1174	1053	374	325	330
1971	632	540	725	862	1330	1373	1408	2574	1890	621	363	346
1972	607	394	589	488	442	1020	506	841	689	551	325	330
1973	368	434	422	749	509	516	781	2009	851	520	325	330
1974	587	725	1146	1812	1560	1619	1343	2041	1509	424	363	346
1975	548	406	432	408	641	1252	920	2496	2091	375	363	346
1976	590	412	530	424	464	575	730	678	517	423	424	417
1977	395	518	475	425	476	429	560	579	421	398	325	332
1978	159	151	406	545	531	671	494	991	919	322	325	330
1979	392	295	435	301	339	437	545	647	381	382	325	330
1980	389	406	432	1288	1099	721	1042	1871	1169	453	363	346
1981	449	240	283	346	463	437	436	641	747	453	466	330
1982	363	1107	1631	972	3639	2705	2570	3240	1776	744	363	374
1983	1034	1636	1882	1843	2299	3079	3175	5208	5946	2402	658	345
1984	915	3644	3157	2316	2208	1904	1343	1901	1289	374	363	346
1985	566	499	396	395	410	599	1106	841	662	374	325	330
1986	435	284	495	490	4098	4271	3108	2674	1529	384	363	346
1987	636	351	263	274	412	468	493	893	747	454	467	369
1988	347	403	414	440	430	415	559	579	422	321	325	263
1989	202	284	262	219	338	1039	926	819	752	405	325	330
1990	428	380	255	305	277	439	785	351	361	350	240	121
1991	112	108	110	129	130	299	414	318	351	270	76	73
1992	95	137	139	133	217	258	398	294	97	170	71	62
1993	94	91	105	287	294	837	969	1457	812	374	328	328
1994	332	134	166	255	277	402	502	551	291	180	161	142
1995	175	190	231	557	494	1599	1223	2136	1815	1122	363	346
1996	479	217	488	505	1927	2097	2045	2927	1347	374	363	346
1997	602	381	2469	7333	2697	2470	2045	1770	1157	392	416	398
1998	589	369	336	437	1891	2682	1775	2634	2325	1257	394	436
1999	622	411	695	1158	2188	2542	2211	2914	1988	387	384	362
2000	597	311	415	403	661	814	1159	1561	685	405	327	330

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	343	419	256	337	1162	1180	1034	2038	1200	300	300	300
1902	431	304	324	286	525	689	1555	1588	1296	300	300	305
1903	479	361	398	541	473	659	911	1441	1167	300	300	305
1904	567	602	387	368	2991	3810	3317	3924	2703	323	300	300
1905	650	346	803	731	498	933	844	1047	978	300	262	284
1906	566	385	260	740	1912	2086	3652	3517	2157	1697	300	301
1907	543	409	559	920	1923	3604	4867	4952	4032	2482	300	300
1908	680	312	1174	871	513	697	677	800	600	300	262	284
1909	380	356	404	2616	2291	1773	2261	2931	1951	410	300	300
1910	553	1009	1723	1616	663	1747	1884	1262	600	300	262	284
1911	469	349	397	1341	1991	2067	4057	3816	3166	1641	300	300
1912	556	346	442	406	387	542	490	589	524	248	262	284
1913	569	284	251	153	114	294	590	1000	500	300	263	284
1914	352	123	123	1676	2254	2095	2350	2978	1792	511	300	300
1915	542	368	450	432	690	598	1163	1579	1473	300	300	301
1916	551	365	412	1448	1370	2097	3085	2237	1668	387	300	300
1917	457	379	638	456	1084	1100	1755	1920	1690	537	300	300
1918	452	347	396	323	523	742	1016	1000	800	300	262	286
1919	380	293	344	239	712	639	1257	1652	600	300	262	284
1920	449	267	296	150	152	224	490	800	400	200	263	284
1921	355	119	113	439	385	705	508	773	928	300	274	284
1922	337	248	294	320	904	559	617	3222	1982	300	300	305
1923	425	389	863	901	573	604	918	1633	1106	300	300	305
1924	547	376	422	400	355	284	360	400	270	150	150	105
1925	109	102	100	172	645	579	623	605	400	200	262	284
1926	414	263	114	111	110	161	368	300	170	122	110	105
1927	112	133	104	328	724	884	1070	1489	1481	300	300	300
1928	467	382	284	252	125	1817	945	800	600	300	200	170
1929	191	152	150	152	150	141	200	300	170	120	110	105
1930	100	92	90	90	90	140	330	300	170	120	262	284
1931	377	93	90	90	90	73	100	48	264	172	110	24
1932	45	25	49	38	38	392	420	817	743	248	262	282
1933	398	165	100	100	157	199	200	300	170	120	150	49
1934	23	25	36	35	31	30	39	42	66	40	20	47
1935	67	26	27	31	30	31	265	400	301	150	262	260
1936	148	102	100	124	760	785	1181	1056	599	248	258	284
1937	334	182	103	287	564	440	628	752	360	150	262	283
1938	548	103	1016	421	896	1017	2527	3846	1814	347	300	300
1939	439	310	384	477	479	497	490	530	400	200	268	284
1940	296	113	110	677	881	1375	1079	1479	897	300	262	284
1941	567	370	323	534	530	754	491	1657	1062	300	300	300
1942	476	362	1074	1676	2063	1428	1795	1470	1568	335	300	300
1943	516	630	1152	2237	2272	2209	2118	1327	905	300	262	284
1944	547	345	441	490	596	498	530	800	409	200	262	284
1945	303	206	113	260	741	541	659	1007	600	300	262	284
1946	575	372	1227	1219	521	808	1166	1486	671	300	262	284
1947	561	510	282	154	153	265	490	535	400	200	200	110
1948	228	112	110	114	110	141	201	300	295	120	262	284
1949	350	93	93	94	90	144	489	462	170	120	110	196
1950	465	92	90	502	548	568	809	897	698	150	262	284
1951	382	1787	2743	1622	826	728	1090	868	593	248	262	284

# Truckee River at S-Bar-S Ranch (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	581	360	991	1451	2037	2052	4279	6044	2118	1531	300	300
1953	719	369	1041	1402	767	1401	1631	2509	1737	947	303	307
1954	1075	321	274	422	560	709	575	530	400	200	203	284
1955	345	112	112	110	113	164	350	300	170	120	201	284
1956	287	92	1749	1789	1600	1319	1245	1907	1691	393	300	300
1957	610	384	463	530	588	1036	804	1059	1145	300	300	304
1958	565	325	446	507	2003	1912	1795	3337	1790	498	300	300
1959	556	428	433	441	670	633	590	600	500	300	200	120
1960	129	122	120	121	120	141	200	300	170	120	110	105
1961	109	86	33	33	62	36	62	79	122	120	231	86
1962	32	27	28	28	53	41	346	325	173	128	262	284
1963	785	204	90	600	1450	619	617	1149	833	255	250	284
1964	505	668	369	369	298	224	491	801	600	300	200	284
1965	328	152	1811	1171	614	565	927	1351	1043	300	346	300
1966	769	632	1006	529	463	456	446	530	170	120	110	200
1967	236	93	362	710	2019	1493	1204	3136	2637	1465	300	300
1968	692	329	422	662	854	847	496	800	400	261	262	284
1969	360	351	226	2137	2320	1900	3582	4297	1935	397	300	300
1970	636	419	997	3526	1913	1470	966	1132	992	300	262	284
1971	612	542	736	869	1330	1380	1394	2538	1828	547	300	300
1972	587	392	600	492	444	1018	490	800	600	300	262	284
1973	348	153	186	760	520	520	766	1968	789	300	262	284
1974	567	727	1154	1819	1561	1626	1329	1999	1447	350	300	300
1975	528	404	432	407	649	1267	913	2456	2029	301	300	300
1976	570	410	528	422	375	226	350	400	270	150	150	107
1977	109	102	100	101	100	141	200	300	170	120	205	286
1978	109	92	90	90	90	496	303	879	856	248	262	284
1979	372	243	100	303	329	368	350	606	204	120	262	284
1980	369	93	93	1303	1118	728	1029	1830	1107	379	300	300
1981	429	237	282	350	463	436	420	600	500	200	200	284
1982	311	975	1641	987	3646	2717	2566	3201	1715	670	300	332
1983	1018	1643	1891	1857	2318	3098	3175	5171	5884	2329	596	300
1984	895	3663	3173	2322	2215	1906	1328	1859	1226	300	300	300
1985	546	504	396	394	410	603	1091	800	600	300	262	284
1986	415	284	394	492	4150	4293	3107	2636	1467	311	300	300
1987	616	349	261	273	410	466	476	600	500	200	200	101
1988	255	110	110	111	110	141	200	300	170	218	264	221
1989	109	92	90	90	90	161	366	400	270	150	199	284
1990	408	102	100	100	116	140	200	72	110	91	189	75
1991	41	29	28	27	28	29	38	39	99	79	25	29
1992	36	28	29	28	29	29	39	38	47	104	20	21
1993	31	25	27	29	29	838	952	1415	749	300	265	282
1994	312	130	164	120	120	141	200	300	242	120	110	100
1995	109	92	90	558	491	1604	1207	2097	1758	1048	300	300
1996	459	213	487	504	1933	2100	2031	2887	1284	300	300	300
1997	595	366	2429	7684	2805	2494	1990	1699	1098	300	300	300
1998	551	313	302	401	1863	2658	1766	2574	2289	1149	300	373
1999	587	398	697	1155	2192	2521	2190	2897	1934	300	300	300
2000	572	304	407	390	656	801	1126	1491	600	300	242	274

# Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	343	419	256	337	1162	1180	1034	2038	1200	300	300	300
1902	431	304	324	286	525	689	1555	1588	1296	300	300	305
1903	479	361	398	541	473	659	911	1441	1167	300	300	305
1904	567	602	387	368	2991	3810	3317	3924	2703	323	300	300
1905	650	346	803	731	498	933	844	1047	978	300	262	284
1906	566	385	260	740	1912	2086	3652	3517	2157	1697	300	301
1907	543	409	559	920	1923	3604	4867	4952	4032	2482	300	300
1908	680	312	1174	871	513	697	677	800	600	300	262	284
1909	380	356	404	2616	2291	1773	2261	2931	1951	410	300	300
1910	553	1009	1723	1616	663	1747	1884	1262	600	300	262	284
1911	469	349	397	1341	1991	2067	4057	3816	3166	1641	300	300
1912	556	346	442	406	387	542	490	589	524	248	262	284
1913	569	284	251	153	114	294	590	1000	500	300	263	284
1914	352	123	123	1676	2254	2095	2350	2978	1792	511	300	300
1915	542	368	450	432	690	598	1163	1579	1473	300	300	301
1916	551	365	412	1448	1370	2097	3085	2237	1668	387	300	300
1917	457	379	638	456	1084	1100	1755	1920	1690	537	300	300
1918	452	347	396	323	523	742	1016	1000	800	300	262	286
1919	380	293	344	239	712	639	1257	1652	600	300	262	284
1920	449	267	296	150	152	224	490	800	400	200	263	284
1921	355	119	113	439	385	705	508	773	928	300	274	284
1922	337	248	294	320	904	559	617	3222	1982	300	300	305
1923	425	389	863	901	573	604	918	1633	1106	300	300	305
1924	547	376	422	400	355	284	360	400	270	150	150	105
1925	109	102	100	172	645	579	623	605	400	200	262	284
1926	414	263	114	111	110	161	368	300	170	122	110	105
1927	112	133	104	328	724	884	1070	1489	1481	300	300	300
1928	467	382	284	252	125	1817	945	800	600	300	200	170
1929	191	152	150	152	150	141	200	300	170	120	110	105
1930	100	92	90	90	90	140	330	300	170	120	262	284
1931	377	93	90	90	90	73	100	48	264	172	110	24
1932	45	25	49	38	38	392	420	817	743	248	262	282
1933	398	165	100	100	157	199	200	300	170	120	150	49
1934	23	25	36	35	31	30	39	42	66	40	20	47
1935	67	26	27	31	30	31	265	400	301	150	262	260
1936	148	102	100	124	760	785	1181	1056	599	248	258	284
1937	334	182	103	287	564	440	628	752	360	150	262	283
1938	548	103	1016	421	896	1017	2527	3846	1814	347	300	300
1939	439	310	384	477	479	497	490	530	400	200	268	284
1940	296	113	110	677	881	1375	1079	1479	897	300	262	284
1941	567	370	323	534	530	754	491	1657	1062	300	300	300
1942	476	362	1074	1676	2063	1428	1795	1470	1568	335	300	300
1943	516	630	1152	2237	2272	2209	2118	1327	905	300	262	284
1944	547	345	441	490	596	498	530	800	409	200	262	284
1945	303	206	113	260	741	541	659	1007	600	300	262	284
1946	575	372	1227	1219	521	808	1166	1486	671	300	262	284
1947	561	510	282	154	153	265	490	535	400	200	200	110
1948	228	112	110	114	110	141	201	300	295	120	262	284
1949	350	93	93	94	90	144	489	462	170	120	110	196
1950	465	92	90	502	548	568	809	897	698	150	262	284
1951	382	1787	2743	1622	826	728	1090	868	593	248	262	284



## Truckee River at Nixon, NV Gaging Station (Pyramid Inflow) (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	581	360	991	1451	2037	2052	4279	6044	2118	1531	300	300
1953	719	369	1041	1402	767	1401	1631	2509	1737	947	303	307
1954	1075	321	274	422	560	709	575	530	400	200	203	284
1955	345	112	112	110	113	164	350	300	170	120	201	284
1956	287	92	1749	1789	1600	1319	1245	1907	1691	393	300	300
1957	610	384	463	530	588	1036	804	1059	1145	300	300	304
1958	565	325	446	507	2003	1912	1795	3337	1790	498	300	300
1959	556	428	433	441	670	633	590	600	500	300	200	120
1960	129	122	120	121	120	141	200	300	170	120	110	105
1961	109	86	33	33	62	36	62	79	122	120	231	86
1962	32	27	28	28	53	41	346	325	173	128	262	284
1963	785	204	90	600	1450	619	617	1149	833	255	250	284
1964	505	668	369	369	298	224	491	801	600	300	200	284
1965	328	152	1811	1171	614	565	927	1351	1043	300	346	300
1966	769	632	1006	529	463	456	446	530	170	120	110	200
1967	236	93	362	710	2019	1493	1204	3136	2637	1465	300	300
1968	692	329	422	662	854	847	496	800	400	261	262	284
1969	360	351	226	2137	2320	1900	3582	4297	1935	397	300	300
1970	636	419	997	3526	1913	1470	966	1132	992	300	262	284
1971	612	542	736	869	1330	1380	1394	2538	1828	547	300	300
1972	587	392	600	492	444	1018	490	800	600	300	262	284
1973	348	153	186	760	520	520	766	1968	789	300	262	284
1974	567	727	1154	1819	1561	1626	1329	1999	1447	350	300	300
1975	528	404	432	407	649	1267	913	2456	2029	301	300	300
1976	570	410	528	422	375	226	350	400	270	150	150	107
1977	109	102	100	101	100	141	200	300	170	120	205	286
1978	109	92	90	90	90	496	303	879	856	248	262	284
1979	372	243	100	303	329	368	350	606	204	120	262	284
1980	369	93	93	1303	1118	728	1029	1830	1107	379	300	300
1981	429	237	282	350	463	436	420	600	500	200	200	284
1982	311	975	1641	987	3646	2717	2566	3201	1715	670	300	332
1983	1018	1643	1891	1857	2318	3098	3175	5171	5884	2329	596	300
1984	895	3663	3173	2322	2215	1906	1328	1859	1226	300	300	300
1985	546	504	396	394	410	603	1091	800	600	300	262	284
1986	415	284	394	492	4150	4293	3107	2636	1467	311	300	300
1987	616	349	261	273	410	466	476	600	500	200	200	101
1988	255	110	110	111	110	141	200	300	170	218	264	221
1989	109	92	90	90	90	161	366	400	270	150	199	284
1990	408	102	100	100	116	140	200	72	110	91	189	75
1991	41	29	28	27	28	29	38	39	99	79	25	29
1992	36	28	29	28	29	29	39	38	47	104	20	21
1993	31	25	27	29	29	838	952	1415	749	300	265	282
1994	312	130	164	120	120	141	200	300	242	120	110	100
1995	109	92	90	558	491	1604	1207	2097	1758	1048	300	300
1996	459	213	487	504	1933	2100	2031	2887	1284	300	300	300
1997	595	366	2429	7684	2805	2494	1990	1699	1098	300	300	300
1998	551	313	302	401	1863	2658	1766	2574	2289	1149	300	373
1999	587	398	697	1155	2192	2521	2190	2897	1934	300	300	300
2000	572	304	407	390	656	801	1126	1491	600	300	242	274

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1901	72	36	33	16	136	174	189	491	432	75	4	32
1902	32	17	34	13	49	36	189	419	342	35	17	26
1903	2	2	7	22	38	59	137	355	293	32	12	5
1904	11	75	5	2	172	298	264	521	458	96	13	10
1905	4	11	17	35	32	102	125	250	233	21	8	5
1906	23	2	2	27	36	88	269	605	588	197	0	0
1907	2	2	2	2	56	243	334	540	583	268	38	12
1908	4	7	16	24	25	66	118	177	212	20	8	4
1909	7	2	2	245	62	61	250	488	567	122	12	11
1910	36	80	67	39	42	178	211	286	154	6	6	12
1911	7	4	16	38	41	64	295	583	850	247	18	9
1912	5	7	5	12	2	10	54	308	282	19	13	10
1913	3	9	2	2	3	24	104	318	163	23	16	5
1914	3	2	3	105	56	193	308	532	486	93	12	0
1915	4	2	2	5	16	44	174	448	374	63	0	2
1916	29	2	5	17	39	183	342	438	476	116	24	21
1917	11	4	13	2	8	26	189	470	463	83	20	18
1918	6	2	2	2	6	23	164	286	178	0	1	5
1919	16	7	8	7	19	35	253	446	127	8	0	2
1920	5	2	3	2	3	21	94	319	160	10	1	3
1921	6	18	13	32	38	135	150	332	326	39	6	2
1922	5	2	3	10	5	6	113	570	575	78	0	0
1923	3	2	2	5	11	56	154	407	255	56	0	0
1924	3	2	2	2	12	2	28	77	8	0	3	1
1925	5	2	2	2	75	70	126	315	170	12	1	4
1926	6	2	6	6	19	60	128	184	60	0	4	2
1927	5	17	19	28	82	130	197	465	507	79	0	0
1928	6	25	15	13	11	231	139	321	92	2	1	1
1929	3	2	6	2	2	27	48	231	128	12	3	1
1930	5	2	34	13	33	68	150	240	177	10	6	2
1931	5	4	2	2	2	30	32	105	41	1	4	3
1932	5	2	2	15	15	59	184	381	327	38	3	2
1933	6	2	2	2	2	5	76	167	274	14	5	2
1934	4	2	4	8	16	89	53	78	48	8	4	3
1935	3	2	2	5	7	10	181	415	324	28	0	0
1936	5	2	2	17	28	104	242	409	280	24	0	0
1937	4	2	2	19	29	48	156	358	189	10	1	1
1938	5	2	181	19	28	40	274	681	636	110	0	0
1939	10	5	2	2	2	42	90	174	54	6	3	2
1940	3	2	2	32	50	186	211	367	226	25	14	6
1941	7	8	16	19	55	88	103	364	256	48	7	28
1942	6	2	72	73	48	55	201	342	392	70	0	3
1943	5	39	49	83	67	145	238	321	208	40	5	7
1944	6	21	9	2	2	18	78	301	132	0	1	3
1945	4	8	33	13	66	40	135	337	202	6	3	5
1946	11	26	47	110	10	76	184	338	177	7	3	6
1947	11	19	12	14	34	53	145	198	31	2	2	2
1948	12	10	9	45	19	16	115	275	283	26	4	3
1949	5	10	7	8	10	12	169	319	79	3	2	2
1950	4	7	7	14	22	37	209	431	271	48	3	3
1951	16	359	300	70	82	69	227	290	93	4	4	3

# Little Truckee River below Sierra Valley Diversion (cfs)

	24-Jun-03											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1952	10	18	23	17	23	23	214	664	634	272	36	6
1953	7	9	15	58	39	45	207	278	432	134	8	6
1954	9	16	15	16	15	82	242	304	36	3	4	4
1955	5	9	8	8	10	15	52	280	177	5	3	4
1956	5	8	276	119	60	57	193	519	435	77	6	4
1957	14	17	15	15	33	60	145	371	255	9	4	5
1958	12	17	22	20	47	54	120	677	440	92	8	4
1959	6	9	7	37	30	51	158	144	62	3	2	6
1960	5	4	4	5	27	89	213	178	104	5	3	2
1961	3	5	6	5	15	19	67	148	84	3	2	3
1962	5	5	6	5	21	12	184	274	196	11	3	2
1963	130	49	90	106	353	62	79	385	238	26	4	5
1964	9	67	24	22	18	24	147	300	129	7	3	2
1965	4	8	347	100	72	62	200	375	328	82	35	13
1966	3	18	14	18	15	32	221	263	24	2	2	1
1967	1	21	38	34	40	92	53	416	723	287	11	4
1968	10	9	9	16	80	76	166	212	58	2	3	3
1969	6	28	16	65	55	39	191	713	521	91	8	3
1970	8	10	90	298	93	80	111	311	176	11	4	2
1971	4	32	38	41	46	48	123	418	512	164	9	4
1972	10	16	21	15	16	121	129	263	124	4	2	5
1973	10	23	79	52	31	32	173	469	214	0	0	4
1974	6	76	50	163	56	123	171	499	385	77	0	13
1975	14	19	22	19	21	27	40	453	573	92	0	3
1976	18	25	17	14	17	31	49	113	12	2	6	4
1977	9	6	3	5	9	10	15	24	20	4	3	5
1978	3	3	19	19	14	65	135	452	368	56	6	23
1979	3	9	8	23	12	27	83	304	118	9	4	5
1980	6	7	9	167	78	47	204	507	366	96	11	18
1981	4	9	15	14	35	35	57	142	30	3	3	4
1982	5	179	261	73	293	135	260	593	449	118	10	13
1983	67	54	44	37	42	133	141	558	956	319	72	12
1984	16	208	172	120	65	131	173	455	323	37	7	7
1985	5	48	34	26	29	36	177	253	82	19	4	5
1986	7	19	27	51	272	387	265	408	304	31	6	6
1987	10	20	18	19	30	35	66	134	21	4	5	5
1988	2	8	15	11	14	16	66	72	28	2	2	4
1989	4	17	8	9	21	151	202	253	168	10	4	4
1990	14	10	9	15	11	44	103	131	72	6	2	6
1991	4	3	3	3	7	32	46	176	133	9	7	5
1992	6	5	4	4	15	22	105	76	21	4	5	5
1993	5	1	5	11	8	71	182	540	364	65	8	6
1994	8	6	8	8	9	27	90	100	16	5	2	2
1995	2	5	6	34	53	179	172	542	821	345	32	4
1996	6	6	49	41	183	96	220	555	191	8	4	5
1997	5	40	122	376	65	127	253	348	109	5	3	4
1998	6	9	13	35	41	90	147	295	467	165	4	5
1999	7	25	26	35	64	45	122	514	381	32	10	6
2000	6	14	12	32	67	46	191	326	87	4	2	6

# **Exhibit 10**

## **Truckee River Operations Model**

### **Monthly and Seasonal Flow Exceedence Frequency**

#### **Data for Current Conditions and Alternatives**

# LOCATION KEY: FLOW PROBABILITY DATA

<b>Tahoe Rele</b>	Lake Tahoe release
<b>Truk-Doner</b>	Truckee River below confluence of Donner Creek
<b>Truk-Boca</b>	Truckee River below confluence of Little Truckee River
<b>Stampd Rel</b>	Stampede Reservoir release
<b>L Truk Ind</b>	Little Truckee River below confluence of Independence Creek
<b>Donner Rel</b>	Donner Lake release
<b>Prossr Rel</b>	Prosser Creek Reservoir release
<b>Indepn Rel</b>	Independence Lake release
<b>Trk-Trophy</b>	Truckee River at Trophy  (Located just above diversion to Coldron Ditch and Verdi powerhouse. Steamboat Ditch is the only diversion which is permanently removed from the Truckee River.)
<b>Trk-Maybry</b>	Truckee River at Mayberry  (Located just above confluence with Hunter Creek. This is below Washoe Power plant, so no power diversion around this location. Highland Ditch and Last Chance diversions are above this location.)
<b>Truk-Oxbow</b>	Truckee River at Oxbow  (Located at the Reno, NV gaging station, Highway 395 bridge.)
<b>Truk-Spice</b>	Truckee River at Spice  (Located at the Sparks, NV gaging station, East McCarran bridge.)
<b>Trk-Lockwd</b>	Truckee River at Lockwood  (Located at the Vista, NV gaging station.)
<b>Truk-SbarS</b>	Truckee River at S-Bar-S ranch
<b>Truk-Nixon</b>	Truckee River at Nixon  (Located at the Nixon, NV gaging station. Represents inflow to Pyramid Lake.)
<b>L Trk Hobt</b>	Little Truckee River at old Hobart, CA gaging station. below diversion to Sierra Valley.

# CURRENT CONDITIONS

TROA.In.CurrCond.Base Current Conditions Analysis

## October-January FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	735.	339.	283.	250.	204.	164.	92.	50.	50.	0.	0.
Truk-Doner	840.	490.	326.	301.	274.	244.	202.	172.	125.	44.	23.
Truk-Boca	1232.	756.	633.	440.	405.	401.	397.	392.	355.	191.	116.
Stampd Rel	266.	176.	117.	98.	77.	58.	45.	35.	30.	30.	30.
L Truk Ind	140.	84.	49.	34.	30.	26.	21.	16.	12.	8.	6.
Donner Rel	83.	60.	45.	40.	30.	22.	16.	14.	11.	6.	3.
Prossr Rel	321.	272.	85.	56.	37.	29.	21.	18.	15.	10.	7.
Indepn Rel	34.	24.	19.	15.	13.	10.	7.	6.	5.	3.	2.
Trk-Trophy	1269.	790.	638.	457.	421.	413.	408.	391.	364.	205.	132.
Trk-Maybry	1341.	838.	603.	467.	430.	416.	405.	386.	343.	197.	110.
Truk-Oxbow	1398.	854.	577.	467.	425.	410.	396.	371.	313.	205.	104.
Truk-Spice	1386.	840.	556.	452.	412.	398.	384.	360.	291.	192.	89.
Trk-Lockwd	1573.	982.	650.	588.	536.	510.	487.	448.	379.	292.	155.
Truk-Sbars	1616.	974.	644.	568.	523.	492.	383.	230.	110.	90.	30.
Truk-Nixon	1616.	974.	644.	568.	523.	492.	383.	230.	110.	90.	30.
L Trk Hobt	106.	55.	28.	18.	14.	9.	6.	5.	3.	2.	2.

TROA.In.CurrCond.Base Current Conditions Analysis

## October FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	336.	316.	286.	262.	235.	194.	151.	50.	50.	4.	0.
Truk-Doner	349.	340.	316.	307.	280.	260.	219.	165.	126.	23.	5.
Truk-Boca	725.	697.	674.	655.	590.	482.	413.	398.	390.	202.	77.
Stampd Rel	328.	279.	239.	160.	113.	94.	62.	41.	34.	30.	30.
L Truk Ind	60.	43.	36.	33.	29.	26.	23.	21.	19.	16.	11.
Donner Rel	82.	64.	37.	28.	23.	20.	16.	14.	9.	3.	3.
Prossr Rel	339.	329.	319.	302.	238.	90.	29.	11.	9.	7.	7.
Indepn Rel	36.	28.	24.	21.	19.	17.	16.	15.	14.	9.	4.
Trk-Trophy	733.	691.	663.	648.	577.	477.	407.	386.	386.	204.	84.
Trk-Maybry	715.	663.	642.	604.	536.	448.	390.	364.	333.	162.	45.
Truk-Oxbow	671.	628.	592.	572.	507.	400.	340.	312.	305.	147.	33.
Truk-Spice	647.	601.	566.	547.	481.	372.	311.	285.	281.	125.	13.
Trk-Lockwd	745.	683.	632.	611.	552.	434.	379.	347.	343.	182.	63.
Truk-Sbars	732.	674.	621.	602.	544.	396.	345.	333.	149.	100.	25.
Truk-Nixon	732.	674.	621.	602.	544.	396.	345.	333.	149.	100.	25.
L Trk Hobt	31.	16.	11.	8.	6.	6.	5.	5.	4.	3.	2.

TROA.In.CurrCond.Base Current Conditions Analysis

## November FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	262.	228.	190.	159.	126.	56.	50.	50.	50.	0.	0.
Truk-Doner	474.	282.	263.	242.	215.	193.	170.	145.	113.	55.	40.
Truk-Boca	733.	456.	408.	404.	402.	399.	395.	381.	326.	162.	115.
Stampd Rel	151.	116.	99.	82.	62.	46.	34.	30.	30.	30.	30.
L Truk Ind	115.	64.	38.	30.	24.	17.	14.	10.	8.	5.	5.
Donner Rel	77.	62.	54.	50.	46.	43.	41.	40.	38.	34.	31.
Prossr Rel	125.	72.	42.	37.	28.	21.	18.	17.	14.	12.	10.
Indepn Rel	37.	20.	11.	9.	7.	6.	4.	3.	2.	2.	2.
Trk-Trophy	746.	476.	428.	417.	414.	412.	409.	394.	351.	174.	128.
Trk-Maybry	770.	478.	437.	429.	425.	416.	405.	394.	351.	159.	109.
Truk-Oxbow	788.	499.	444.	424.	414.	408.	403.	390.	351.	160.	107.
Truk-Spice	776.	486.	431.	412.	405.	397.	391.	380.	339.	147.	94.
Trk-Lockwd	930.	633.	565.	530.	522.	508.	499.	485.	438.	228.	154.
Truk-Sbars	911.	641.	547.	528.	512.	486.	315.	160.	107.	83.	28.
Truk-Nixon	911.	641.	547.	528.	512.	486.	315.	160.	107.	83.	28.
L Trk Hobt	75.	45.	23.	17.	10.	8.	6.	4.	2.	2.	2.

**December**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	923.	494.	300.	271.	247.	207.	165.	58.	50.	0.	0.
Truk-Doner	1087.	705.	382.	312.	295.	274.	242.	180.	116.	38.	21.
Truk-Boca	1422.	920.	450.	406.	402.	399.	395.	381.	337.	185.	122.
Stampd Rel	173.	136.	103.	91.	66.	51.	40.	31.	30.	30.	30.
L Truk Ind	247.	104.	53.	35.	30.	24.	17.	14.	10.	9.	7.
Donner Rel	92.	35.	22.	16.	14.	13.	12.	10.	8.	5.	3.
Prossr Rel	186.	86.	60.	36.	30.	25.	21.	19.	15.	13.	9.
Indepn Rel	41.	23.	14.	11.	9.	8.	7.	6.	5.	5.	3.
Trk-Trophy	1444.	955.	484.	427.	418.	410.	407.	392.	351.	197.	147.
Trk-Maybry	1491.	981.	544.	439.	425.	414.	407.	395.	350.	195.	138.
Truk-Oxbow	1560.	1000.	574.	448.	427.	410.	398.	385.	348.	210.	138.
Truk-Spice	1550.	989.	565.	438.	417.	400.	388.	376.	339.	199.	127.
Trk-Lockwd	1726.	1151.	730.	577.	532.	509.	488.	475.	442.	307.	201.
Truk-Sbars	1774.	1174.	756.	532.	511.	493.	361.	160.	102.	76.	32.
Truk-Nixon	1774.	1174.	756.	532.	511.	493.	361.	160.	102.	76.	32.
L Trk Hobt	189.	78.	35.	21.	16.	12.	8.	6.	3.	2.	2.

**January**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1081.	777.	342.	285.	254.	196.	137.	60.	50.	0.	0.
Truk-Doner	1342.	1008.	515.	332.	308.	285.	220.	188.	156.	56.	28.
Truk-Boca	1720.	1285.	675.	464.	406.	402.	398.	388.	325.	218.	156.
Stampd Rel	201.	139.	107.	89.	74.	65.	52.	40.	30.	30.	30.
L Truk Ind	188.	134.	65.	54.	39.	30.	27.	20.	13.	9.	8.
Donner Rel	99.	60.	40.	29.	24.	19.	15.	12.	11.	7.	4.
Prossr Rel	149.	88.	61.	54.	40.	33.	26.	21.	17.	13.	10.
Indepn Rel	26.	22.	16.	14.	12.	10.	8.	7.	6.	5.	4.
Trk-Trophy	1775.	1344.	736.	479.	428.	415.	407.	402.	344.	240.	174.
Trk-Maybry	1841.	1378.	848.	511.	441.	414.	407.	390.	348.	232.	167.
Truk-Oxbow	1910.	1419.	891.	541.	444.	416.	399.	379.	351.	243.	165.
Truk-Spice	1895.	1406.	877.	527.	430.	401.	385.	366.	337.	228.	151.
Trk-Lockwd	2098.	1599.	1053.	701.	580.	539.	512.	470.	442.	345.	262.
Truk-Sbars	2145.	1635.	1083.	727.	570.	533.	480.	420.	110.	77.	31.
Truk-Nixon	2145.	1635.	1083.	727.	570.	533.	480.	420.	110.	77.	31.
L Trk Hobt	147.	99.	45.	34.	22.	17.	14.	10.	5.	2.	2.

**February-March**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1365.	715.	319.	209.	146.	53.	50.	50.	2.	0.
Truk-Doner	1736.	1635.	1050.	521.	335.	285.	249.	221.	185.	123.	75.
Truk-Boca	2196.	1813.	1409.	810.	527.	501.	429.	406.	390.	301.	239.
Stampd Rel	354.	302.	200.	164.	136.	119.	100.	77.	48.	30.	30.
L Truk Ind	253.	182.	112.	87.	72.	58.	44.	37.	23.	14.	9.
Donner Rel	102.	77.	57.	46.	36.	31.	24.	20.	16.	11.	4.
Prossr Rel	200.	159.	108.	89.	73.	58.	51.	41.	35.	26.	17.
Indepn Rel	48.	35.	26.	20.	15.	11.	8.	4.	2.	2.	2.
Trk-Trophy	2231.	1854.	1440.	844.	538.	512.	460.	424.	405.	317.	255.
Trk-Maybry	2279.	1914.	1461.	886.	574.	521.	482.	436.	401.	313.	242.
Truk-Oxbow	2328.	1949.	1485.	904.	603.	522.	478.	436.	394.	318.	243.
Truk-Spice	2312.	1934.	1470.	891.	589.	508.	463.	422.	379.	303.	227.
Trk-Lockwd	2519.	2143.	1638.	1078.	769.	662.	615.	560.	510.	426.	320.
Truk-Sbars	2545.	2173.	1661.	1103.	787.	663.	589.	466.	150.	93.	31.
Truk-Nixon	2545.	2173.	1661.	1103.	787.	663.	589.	466.	150.	93.	31.
L Trk Hobt	184.	134.	80.	63.	51.	40.	32.	23.	15.	10.	5.

**February**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1494.	1010.	280.	202.	164.	79.	50.	50.	2.	0.
Truk-Doner	1723.	1652.	1211.	346.	294.	254.	222.	188.	166.	83.	53.
Truk-Boca	2047.	1810.	1529.	626.	423.	408.	403.	397.	347.	259.	188.
Stampd Rel	212.	168.	138.	122.	106.	90.	70.	49.	36.	30.	30.
L Truk Ind	200.	106.	82.	61.	50.	40.	28.	23.	15.	10.	5.
Donner Rel	101.	76.	43.	35.	31.	25.	21.	19.	15.	11.	9.
Prossr Rel	168.	111.	84.	66.	57.	46.	38.	33.	28.	17.	12.
Indepn Rel	33.	18.	12.	10.	7.	5.	2.	2.	2.	2.	2.
Trk-Trophy	2100.	1867.	1553.	656.	459.	432.	418.	410.	379.	276.	210.
Trk-Maybry	2158.	1932.	1566.	702.	492.	447.	432.	410.	384.	272.	201.
Truk-Oxbow	2212.	1975.	1592.	738.	520.	458.	420.	403.	379.	278.	195.
Truk-Spice	2198.	1961.	1577.	725.	504.	445.	406.	390.	367.	262.	179.
Trk-Lockwd	2408.	2177.	1750.	930.	679.	620.	556.	524.	483.	370.	286.
Truk-Sbars	2453.	2206.	1762.	982.	693.	613.	541.	418.	114.	71.	32.
Truk-Nixon	2453.	2206.	1762.	982.	693.	613.	541.	418.	114.	71.	32.
L Trk Hobt	152.	79.	61.	48.	38.	30.	20.	15.	11.	6.	2.

**March**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1350.	1254.	667.	390.	226.	121.	50.	50.	50.	4.	0.
Truk-Doner	1779.	1454.	989.	677.	397.	331.	276.	242.	221.	167.	113.
Truk-Boca	2462.	1846.	1349.	984.	644.	522.	511.	496.	451.	329.	299.
Stampd Rel	413.	347.	281.	210.	184.	161.	136.	111.	86.	47.	32.
L Truk Ind	276.	216.	157.	116.	96.	82.	67.	54.	40.	28.	16.
Donner Rel	103.	79.	64.	54.	46.	39.	31.	23.	18.	6.	2.
Prossr Rel	213.	175.	133.	107.	94.	76.	61.	55.	48.	39.	30.
Indepn Rel	53.	45.	32.	27.	23.	21.	16.	13.	9.	3.	2.
Trk-Trophy	2450.	1855.	1380.	1010.	637.	534.	519.	509.	462.	345.	306.
Trk-Maybry	2489.	1895.	1400.	1050.	655.	554.	525.	505.	461.	340.	290.
Truk-Oxbow	2538.	1923.	1433.	1070.	672.	566.	521.	491.	451.	350.	278.
Truk-Spice	2522.	1908.	1418.	1056.	658.	550.	508.	477.	436.	334.	263.
Trk-Lockwd	2723.	2101.	1600.	1239.	835.	716.	647.	605.	569.	441.	370.
Truk-Sbars	2748.	2130.	1624.	1265.	844.	715.	636.	528.	236.	140.	31.
Truk-Nixon	2748.	2130.	1624.	1265.	844.	715.	636.	528.	236.	140.	31.
L Trk Hobt	200.	165.	114.	82.	63.	54.	44.	34.	26.	16.	10.

**April-July**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	987.	555.	437.	365.	123.	70.	70.	70.	70.	70.	5.
Truk-Doner	1713.	1339.	1045.	797.	624.	488.	367.	288.	210.	132.	101.
Truk-Boca	3158.	2323.	1732.	1306.	1067.	885.	783.	673.	610.	533.	499.
Stampd Rel	782.	601.	471.	361.	289.	226.	180.	134.	82.	50.	30.
L Truk Ind	714.	594.	452.	365.	288.	223.	169.	118.	64.	23.	14.
Donner Rel	144.	117.	89.	69.	50.	38.	25.	10.	3.	2.	2.
Prossr Rel	390.	281.	200.	163.	128.	106.	84.	66.	50.	15.	6.
Indepn Rel	99.	83.	65.	54.	44.	36.	29.	21.	12.	4.	2.
Trk-Trophy	3100.	2223.	1633.	1241.	1006.	867.	757.	627.	554.	505.	446.
Trk-Maybry	3090.	2187.	1586.	1204.	959.	834.	704.	593.	526.	453.	381.
Truk-Oxbow	3070.	2126.	1529.	1133.	875.	771.	632.	535.	424.	376.	293.
Truk-Spice	3044.	2093.	1490.	1095.	833.	738.	593.	505.	380.	327.	245.
Trk-Lockwd	3175.	2247.	1590.	1178.	927.	805.	655.	568.	440.	388.	303.
Truk-Sbars	3135.	2193.	1522.	1103.	822.	593.	448.	300.	281.	146.	27.
Truk-Nixon	3135.	2193.	1522.	1103.	822.	593.	448.	300.	281.	146.	27.
L Trk Hobt	556.	466.	343.	276.	210.	171.	125.	81.	39.	9.	4.



**April**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1395.	781.	555.	510.	148.	70.	70.	70.	70.	40.	0.
Truk-Doner	2193.	1577.	1144.	882.	685.	623.	509.	421.	337.	275.	227.
Truk-Boca	3357.	2489.	1725.	1193.	903.	865.	806.	697.	604.	527.	478.
Stampd Rel	669.	547.	459.	377.	331.	284.	226.	182.	126.	64.	56.
L Truk Ind	418.	363.	297.	278.	244.	213.	188.	165.	125.	74.	58.
Donner Rel	131.	119.	102.	87.	81.	72.	60.	49.	36.	25.	19.
Prossr Rel	276.	172.	133.	106.	98.	82.	71.	53.	33.	5.	5.
Indepn Rel	80.	65.	56.	44.	39.	34.	29.	23.	18.	6.	3.
Trk-Trophy	3328.	2513.	1676.	1169.	909.	853.	783.	686.	612.	524.	500.
Trk-Maybry	3329.	2519.	1659.	1143.	884.	836.	771.	658.	585.	494.	450.
Truk-Oxbow	3290.	2540.	1646.	1133.	870.	812.	744.	626.	554.	477.	434.
Truk-Spice	3273.	2518.	1625.	1111.	846.	790.	726.	604.	531.	455.	408.
Trk-Lockwd	3410.	2710.	1756.	1220.	981.	884.	821.	690.	611.	531.	467.
Truk-Sbars	3396.	2692.	1739.	1197.	929.	821.	591.	527.	406.	200.	60.
Truk-Nixon	3396.	2692.	1739.	1197.	929.	821.	591.	527.	406.	200.	60.
L Trk Hobt	277.	254.	212.	193.	179.	158.	138.	119.	89.	54.	45.

**May**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	967.	537.	407.	407.	244.	70.	70.	70.	70.	62.	5.
Truk-Doner	2148.	1552.	1238.	1090.	927.	778.	616.	509.	391.	289.	253.
Truk-Boca	4222.	3329.	2365.	1733.	1496.	1319.	1153.	1026.	874.	774.	553.
Stampd Rel	1115.	910.	726.	564.	439.	330.	256.	154.	63.	48.	34.
L Truk Ind	810.	713.	621.	555.	489.	428.	387.	349.	259.	162.	105.
Donner Rel	155.	141.	101.	81.	64.	49.	43.	38.	31.	8.	2.
Prossr Rel	586.	510.	353.	240.	207.	184.	141.	114.	80.	51.	16.
Indepn Rel	105.	91.	77.	66.	61.	53.	47.	43.	31.	16.	7.
Trk-Trophy	4080.	3216.	2306.	1647.	1421.	1235.	1123.	981.	839.	748.	516.
Trk-Maybry	4045.	3194.	2259.	1597.	1375.	1202.	1063.	930.	802.	678.	458.
Truk-Oxbow	3950.	3096.	2197.	1542.	1296.	1099.	1017.	850.	709.	621.	388.
Truk-Spice	3914.	3062.	2159.	1502.	1256.	1062.	977.	812.	670.	579.	346.
Trk-Lockwd	3976.	3164.	2253.	1596.	1313.	1142.	1042.	866.	727.	634.	402.
Truk-Sbars	3904.	3095.	2181.	1515.	1205.	1012.	830.	600.	468.	300.	85.
Truk-Nixon	3904.	3095.	2181.	1515.	1205.	1012.	830.	600.	468.	300.	85.
L Trk Hobt	615.	550.	488.	434.	378.	333.	307.	277.	205.	137.	87.

**June**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	439.	437.	437.	437.	287.	70.	70.	70.	70.	70.	33.
Truk-Doner	1572.	1256.	1046.	825.	666.	518.	367.	302.	234.	158.	133.
Truk-Boca	2705.	2213.	1913.	1478.	1215.	1051.	979.	879.	756.	626.	472.
Stampd Rel	643.	563.	503.	424.	357.	264.	221.	162.	80.	30.	30.
L Truk Ind	838.	710.	571.	448.	361.	279.	224.	166.	104.	55.	33.
Donner Rel	176.	140.	98.	73.	51.	35.	23.	9.	2.	2.	2.
Prossr Rel	285.	215.	171.	148.	133.	121.	106.	83.	62.	37.	21.
Indepn Rel	126.	105.	82.	65.	52.	44.	35.	26.	16.	5.	2.
Trk-Trophy	2576.	2077.	1805.	1379.	1126.	968.	918.	809.	683.	555.	407.
Trk-Maybry	2530.	2037.	1759.	1336.	1062.	924.	844.	738.	613.	496.	334.
Truk-Oxbow	2439.	1936.	1665.	1238.	985.	816.	768.	652.	544.	396.	268.
Truk-Spice	2398.	1897.	1626.	1200.	943.	774.	722.	612.	502.	355.	224.
Trk-Lockwd	2493.	1980.	1728.	1270.	1016.	835.	776.	667.	566.	410.	277.
Truk-Sbars	2419.	1906.	1650.	1192.	874.	667.	514.	436.	245.	170.	57.
Truk-Nixon	2419.	1906.	1650.	1192.	874.	667.	514.	436.	245.	170.	57.
L Trk Hobt	649.	561.	446.	360.	285.	221.	177.	129.	83.	34.	21.

**July  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	726.	430.	274.	129.	75.	70.	70.	70.	70.	70.	39.
Truk-Doner	1122.	547.	402.	293.	221.	173.	143.	122.	103.	90.	63.
Truk-Boca	1743.	907.	770.	674.	639.	619.	609.	594.	561.	502.	394.
Stampd Rel	304.	277.	213.	190.	169.	144.	119.	103.	83.	54.	31.
L Truk Ind	348.	195.	129.	97.	64.	40.	27.	18.	14.	8.	6.
Donner Rel	36.	20.	11.	8.	4.	3.	3.	2.	2.	2.	2.
Prossr Rel	252.	237.	190.	135.	88.	72.	61.	47.	23.	10.	8.
Indepn Rel	71.	54.	36.	31.	24.	17.	11.	7.	4.	2.	2.
Trk-Trophy	1662.	812.	717.	617.	568.	553.	548.	537.	510.	441.	352.
Trk-Maybry	1613.	775.	640.	574.	547.	535.	479.	465.	447.	366.	280.
Truk-Oxbow	1520.	686.	558.	456.	415.	398.	387.	381.	364.	286.	212.
Truk-Spice	1475.	638.	508.	409.	368.	347.	346.	331.	321.	235.	167.
Trk-Lockwd	1556.	732.	567.	468.	426.	405.	405.	405.	384.	293.	218.
Truk-Sbars	1443.	626.	303.	300.	300.	300.	274.	200.	133.	120.	50.
Truk-Nixon	1443.	626.	303.	300.	300.	300.	274.	200.	133.	120.	50.
L Trk Hobt	250.	137.	88.	60.	33.	20.	10.	6.	4.	2.	1.

**August-September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	447.	417.	334.	241.	135.	73.	70.	70.	70.	55.	0.
Truk-Doner	473.	448.	386.	281.	196.	156.	132.	109.	92.	75.	38.
Truk-Boca	653.	606.	585.	563.	547.	512.	501.	495.	480.	392.	156.
Stampd Rel	177.	142.	124.	89.	62.	47.	41.	32.	30.	30.	30.
L Truk Ind	52.	41.	33.	30.	26.	22.	18.	11.	7.	6.	4.
Donner Rel	54.	53.	51.	43.	24.	3.	3.	3.	2.	2.	2.
Prossr Rel	164.	55.	28.	18.	12.	10.	8.	7.	5.	5.	5.
Indepn Rel	32.	28.	25.	21.	17.	14.	10.	2.	2.	2.	2.
Trk-Trophy	601.	548.	540.	519.	497.	472.	448.	444.	444.	359.	151.
Trk-Maybry	543.	535.	495.	464.	444.	427.	409.	368.	367.	283.	99.
Truk-Oxbow	432.	384.	373.	359.	349.	334.	298.	286.	275.	205.	69.
Truk-Spice	389.	337.	335.	315.	301.	291.	246.	244.	235.	158.	39.
Trk-Lockwd	456.	401.	395.	386.	359.	355.	304.	301.	295.	220.	87.
Truk-Sbars	300.	300.	300.	300.	251.	245.	200.	199.	165.	103.	35.
Truk-Nixon	300.	300.	300.	300.	251.	245.	200.	199.	165.	103.	35.
L Trk Hobt	22.	13.	8.	6.	5.	4.	3.	3.	2.	0.	0.

**August  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	450.	415.	232.	117.	70.	70.	70.	70.	70.	61.	7.
Truk-Doner	463.	442.	242.	153.	127.	110.	101.	92.	81.	68.	26.
Truk-Boca	671.	657.	606.	598.	580.	553.	505.	500.	493.	444.	186.
Stampd Rel	187.	179.	141.	131.	119.	94.	54.	31.	30.	30.	30.
L Truk Ind	53.	38.	31.	25.	20.	14.	8.	7.	6.	5.	3.
Donner Rel	5.	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.
Prossr Rel	243.	144.	43.	26.	17.	11.	10.	8.	6.	5.	5.
Indepn Rel	26.	23.	19.	16.	11.	4.	2.	2.	2.	2.	2.
Trk-Trophy	616.	607.	548.	545.	536.	506.	449.	447.	441.	400.	170.
Trk-Maybry	548.	543.	535.	477.	462.	445.	433.	369.	361.	320.	111.
Truk-Oxbow	448.	436.	382.	374.	370.	344.	283.	275.	271.	229.	68.
Truk-Spice	402.	396.	336.	335.	335.	304.	236.	235.	228.	186.	35.
Trk-Lockwd	461.	456.	395.	395.	395.	370.	295.	295.	287.	242.	85.
Truk-Sbars	300.	300.	300.	300.	200.	200.	200.	199.	191.	109.	27.
Truk-Nixon	300.	300.	300.	300.	200.	200.	200.	199.	191.	109.	27.
L Trk Hobt	29.	15.	9.	7.	5.	4.	3.	3.	2.	0.	0.

**September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	445.	416.	355.	305.	245.	159.	101.	70.	70.	34.	0.
Truk-Doner	481.	455.	407.	367.	311.	223.	181.	156.	136.	89.	44.
Truk-Boca	582.	570.	554.	544.	530.	502.	496.	487.	468.	323.	135.
Stampd Rel	107.	80.	68.	52.	45.	42.	34.	32.	30.	30.	30.
L Truk Ind	52.	43.	35.	32.	29.	26.	22.	20.	16.	7.	5.
Donner Rel	55.	54.	53.	52.	51.	49.	43.	34.	23.	4.	2.
Prossr Rel	51.	32.	19.	13.	9.	8.	7.	5.	5.	5.	5.
Indepn Rel	35.	32.	27.	25.	23.	19.	16.	13.	9.	2.	2.
Trk-Trophy	533.	525.	498.	497.	490.	450.	444.	444.	444.	297.	137.
Trk-Maybry	506.	495.	472.	441.	423.	419.	385.	367.	367.	228.	87.
Truk-Oxbow	388.	371.	353.	350.	341.	319.	299.	297.	288.	167.	68.
Truk-Spice	337.	326.	301.	301.	301.	275.	247.	246.	245.	120.	41.
Trk-Lockwd	402.	391.	359.	359.	359.	339.	304.	304.	303.	186.	85.
Truk-Sbars	300.	300.	300.	300.	260.	246.	245.	243.	113.	100.	49.
Truk-Nixon	300.	300.	300.	300.	260.	246.	245.	243.	113.	100.	49.
L Trk Hobt	20.	13.	6.	5.	5.	4.	3.	3.	2.	1.	0.

**Annual  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	678.	543.	399.	288.	204.	177.	167.	129.	82.	42.	10.
Truk-Doner	1026.	902.	677.	496.	380.	336.	302.	283.	264.	221.	106.
Truk-Boca	1666.	1427.	1093.	896.	701.	657.	629.	569.	519.	429.	331.
Stampd Rel	279.	248.	213.	190.	180.	157.	143.	120.	103.	76.	69.
L Truk Ind	233.	210.	184.	151.	132.	115.	94.	83.	66.	47.	39.
Donner Rel	63.	59.	54.	46.	38.	35.	32.	26.	22.	17.	13.
Prossr Rel	157.	138.	113.	105.	95.	85.	75.	66.	53.	42.	33.
Indepn Rel	41.	36.	32.	28.	25.	22.	19.	17.	14.	11.	9.
Trk-Trophy	1645.	1405.	1083.	870.	683.	637.	607.	553.	500.	414.	327.
Trk-Maybry	1651.	1395.	1057.	860.	675.	622.	580.	524.	480.	373.	293.
Truk-Oxbow	1615.	1367.	1038.	819.	619.	571.	537.	481.	427.	345.	262.
Truk-Spice	1589.	1342.	1009.	792.	592.	544.	511.	450.	400.	315.	237.
Trk-Lockwd	1704.	1458.	1126.	904.	690.	642.	604.	537.	493.	398.	308.
Truk-Sbars	1681.	1412.	1086.	866.	646.	580.	468.	402.	231.	146.	76.
Truk-Nixon	1681.	1412.	1086.	866.	646.	580.	468.	402.	231.	146.	76.
L Trk Hobt	172.	151.	132.	109.	96.	82.	68.	58.	48.	31.	23.

# NO ACTION ALTERNATIVE

TROA.In.NoAction.Base Future No Action Analysis

## October-January FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	715.	343.	287.	252.	211.	165.	93.	50.	50.	0.	0.
Truk-Doner	826.	466.	335.	304.	277.	248.	203.	169.	124.	44.	23.
Truk-Boca	1234.	785.	656.	461.	408.	402.	398.	393.	351.	188.	117.
Stampd Rel	311.	194.	125.	101.	80.	61.	46.	35.	30.	30.	30.
L Truk Ind	140.	84.	47.	34.	30.	26.	21.	16.	12.	9.	7.
Donner Rel	83.	61.	45.	40.	32.	24.	17.	14.	12.	7.	3.
Prossr Rel	332.	299.	93.	58.	39.	30.	24.	19.	15.	12.	8.
Indepn Rel	30.	24.	19.	15.	13.	10.	8.	6.	5.	3.	2.
Trk-Trophy	1266.	806.	681.	469.	422.	411.	408.	404.	361.	200.	135.
Trk-Maybry	1297.	815.	669.	457.	414.	397.	391.	384.	349.	184.	117.
Truk-Oxbow	1303.	793.	617.	422.	370.	357.	350.	335.	294.	141.	73.
Truk-Spice	1276.	762.	581.	393.	342.	329.	323.	306.	261.	114.	46.
Trk-Lockwd	1528.	958.	686.	578.	516.	482.	462.	431.	378.	256.	139.
Truk-Sbars	1549.	959.	669.	543.	482.	455.	400.	257.	112.	91.	32.
Truk-Nixon	1549.	959.	669.	543.	482.	455.	400.	257.	112.	91.	32.
L Trk Hobt	106.	55.	28.	18.	14.	9.	6.	5.	3.	2.	2.

TROA.In.NoAction.Base Future No Action Analysis

## October FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	350.	328.	298.	273.	246.	210.	139.	50.	50.	0.	0.
Truk-Doner	367.	347.	334.	318.	294.	270.	227.	157.	123.	29.	12.
Truk-Boca	809.	773.	757.	728.	651.	526.	475.	417.	396.	201.	90.
Stampd Rel	373.	321.	274.	186.	131.	100.	63.	43.	34.	30.	30.
L Truk Ind	57.	44.	35.	32.	29.	27.	24.	21.	19.	17.	14.
Donner Rel	82.	67.	38.	29.	25.	22.	18.	15.	12.	5.	3.
Prossr Rel	353.	341.	331.	322.	251.	138.	60.	30.	12.	8.	7.
Indepn Rel	33.	27.	24.	22.	19.	18.	16.	15.	14.	11.	7.
Trk-Trophy	810.	777.	761.	731.	657.	528.	474.	424.	397.	209.	102.
Trk-Maybry	782.	746.	726.	703.	622.	494.	441.	390.	361.	187.	80.
Truk-Oxbow	725.	688.	662.	641.	559.	430.	371.	326.	294.	142.	37.
Truk-Spice	690.	654.	626.	606.	523.	394.	334.	293.	257.	115.	12.
Trk-Lockwd	775.	729.	695.	670.	593.	460.	400.	359.	321.	180.	79.
Truk-Sbars	752.	711.	675.	650.	563.	429.	360.	305.	224.	109.	35.
Truk-Nixon	752.	711.	675.	650.	563.	429.	360.	305.	224.	109.	35.
L Trk Hobt	31.	16.	11.	8.	6.	6.	5.	5.	4.	3.	2.

TROA.In.NoAction.Base Future No Action Analysis

## November FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	251.	231.	195.	156.	119.	58.	50.	50.	50.	0.	0.
Truk-Doner	455.	283.	265.	243.	217.	194.	170.	145.	113.	60.	42.
Truk-Boca	739.	476.	410.	404.	402.	399.	395.	376.	330.	168.	116.
Stampd Rel	151.	117.	99.	84.	65.	47.	34.	30.	30.	30.	30.
L Truk Ind	115.	63.	37.	29.	24.	18.	14.	10.	8.	6.	5.
Donner Rel	77.	62.	55.	50.	46.	44.	42.	40.	38.	35.	33.
Prossr Rel	127.	69.	41.	36.	28.	21.	18.	17.	14.	12.	10.
Indepn Rel	32.	18.	11.	9.	7.	6.	4.	4.	2.	2.	2.
Trk-Trophy	742.	491.	423.	412.	411.	410.	409.	389.	348.	178.	131.
Trk-Maybry	745.	478.	417.	401.	398.	396.	394.	387.	332.	157.	112.
Truk-Oxbow	721.	442.	381.	363.	358.	355.	354.	341.	291.	110.	68.
Truk-Spice	693.	414.	353.	335.	330.	328.	326.	313.	263.	83.	40.
Trk-Lockwd	902.	601.	536.	498.	490.	478.	467.	453.	399.	194.	133.
Truk-Sbars	867.	601.	505.	485.	471.	455.	369.	137.	106.	92.	28.
Truk-Nixon	867.	601.	505.	485.	471.	455.	369.	137.	106.	92.	28.
L Trk Hobt	75.	45.	23.	17.	10.	8.	6.	4.	2.	2.	2.

TROA.In.NoAction.Base Future No Action Analysis

**December  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	875.	486.	294.	269.	243.	202.	159.	64.	50.	0.	0.
Truk-Doner	1077.	693.	369.	312.	295.	270.	237.	182.	117.	37.	20.
Truk-Boca	1423.	893.	444.	409.	403.	399.	396.	380.	351.	185.	118.
Stampd Rel	182.	146.	108.	95.	76.	56.	40.	32.	30.	30.	30.
L Truk Ind	250.	104.	53.	35.	30.	24.	18.	14.	10.	9.	7.
Donner Rel	92.	35.	22.	15.	14.	13.	12.	10.	8.	5.	3.
Prossr Rel	201.	92.	62.	37.	30.	26.	21.	20.	16.	13.	10.
Indepn Rel	41.	23.	15.	11.	9.	8.	7.	6.	5.	5.	3.
Trk-Trophy	1432.	919.	461.	426.	411.	407.	406.	392.	362.	194.	136.
Trk-Maybry	1465.	920.	479.	417.	398.	390.	387.	377.	346.	175.	123.
Truk-Oxbow	1487.	894.	469.	377.	360.	349.	343.	330.	306.	141.	81.
Truk-Spice	1460.	867.	443.	351.	333.	322.	316.	303.	279.	114.	54.
Trk-Lockwd	1717.	1093.	705.	546.	506.	478.	460.	447.	426.	258.	164.
Truk-Sbars	1748.	1100.	716.	505.	466.	448.	401.	142.	101.	90.	35.
Truk-Nixon	1748.	1100.	716.	505.	466.	448.	401.	142.	101.	90.	35.
L Trk Hobt	189.	78.	35.	21.	16.	12.	8.	6.	3.	2.	2.

TROA.In.NoAction.Base Future No Action Analysis

**January  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1072.	757.	338.	288.	253.	202.	132.	61.	50.	0.	0.
Truk-Doner	1329.	976.	486.	333.	306.	286.	227.	187.	161.	55.	27.
Truk-Boca	1716.	1257.	660.	443.	405.	401.	398.	380.	321.	211.	152.
Stampd Rel	201.	139.	113.	94.	73.	64.	52.	40.	30.	30.	30.
L Truk Ind	189.	134.	65.	54.	39.	30.	27.	20.	13.	9.	8.
Donner Rel	99.	60.	40.	29.	24.	19.	15.	12.	11.	7.	4.
Prossr Rel	163.	94.	64.	56.	39.	32.	26.	21.	17.	13.	10.
Indepn Rel	27.	22.	16.	14.	12.	10.	8.	7.	6.	5.	4.
Trk-Trophy	1745.	1303.	709.	457.	417.	409.	406.	393.	335.	226.	167.
Trk-Maybry	1789.	1311.	791.	467.	419.	394.	387.	376.	325.	214.	153.
Truk-Oxbow	1806.	1306.	794.	453.	385.	356.	348.	339.	286.	181.	111.
Truk-Spice	1779.	1279.	768.	426.	358.	330.	321.	312.	259.	155.	85.
Trk-Lockwd	2054.	1534.	1004.	661.	555.	519.	486.	453.	417.	316.	238.
Truk-Sbars	2086.	1558.	1020.	673.	547.	497.	449.	396.	115.	83.	32.
Truk-Nixon	2086.	1558.	1020.	673.	547.	497.	449.	396.	115.	83.	32.
L Trk Hobt	147.	99.	45.	34.	22.	17.	14.	10.	5.	2.	2.

TROA.In.NoAction.Base Future No Action Analysis

**February-March  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1350.	686.	314.	206.	149.	56.	50.	50.	1.	0.
Truk-Doner	1717.	1616.	1026.	505.	333.	287.	250.	221.	186.	121.	73.
Truk-Boca	2188.	1797.	1331.	797.	526.	501.	430.	404.	386.	303.	235.
Stampd Rel	354.	300.	203.	162.	142.	120.	101.	77.	52.	31.	30.
L Truk Ind	253.	183.	112.	87.	72.	59.	45.	35.	24.	14.	10.
Donner Rel	102.	77.	57.	46.	36.	31.	24.	20.	16.	11.	4.
Prossr Rel	204.	168.	114.	92.	76.	62.	53.	42.	36.	28.	19.
Indepn Rel	48.	35.	26.	20.	15.	12.	8.	5.	2.	2.	2.
Trk-Trophy	2210.	1822.	1347.	818.	530.	509.	457.	417.	405.	314.	248.
Trk-Maybry	2244.	1850.	1357.	841.	551.	497.	457.	413.	390.	304.	234.
Truk-Oxbow	2245.	1842.	1350.	820.	540.	462.	426.	376.	348.	267.	192.
Truk-Spice	2217.	1814.	1323.	794.	512.	434.	398.	349.	320.	239.	164.
Trk-Lockwd	2495.	2077.	1567.	1039.	748.	640.	593.	541.	488.	391.	298.
Truk-Sbars	2522.	2088.	1577.	1045.	749.	631.	562.	458.	143.	90.	32.
Truk-Nixon	2522.	2088.	1577.	1045.	749.	631.	562.	458.	143.	90.	32.
L Trk Hobt	184.	134.	80.	63.	51.	40.	32.	23.	15.	10.	5.

**February**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1494.	964.	283.	204.	167.	82.	50.	50.	1.	0.
Truk-Doner	1716.	1645.	1152.	347.	294.	256.	224.	191.	166.	81.	52.
Truk-Boca	2040.	1796.	1405.	607.	420.	406.	401.	396.	344.	253.	187.
Stampd Rel	212.	168.	146.	125.	105.	94.	71.	51.	36.	30.	30.
L Truk Ind	200.	106.	82.	62.	50.	40.	28.	23.	16.	11.	6.
Donner Rel	101.	76.	43.	35.	31.	25.	21.	19.	15.	11.	9.
Prossr Rel	181.	118.	85.	70.	60.	48.	38.	35.	30.	19.	14.
Indepn Rel	33.	19.	13.	10.	7.	6.	3.	2.	2.	2.	2.
Trk-Trophy	2081.	1830.	1424.	630.	452.	424.	410.	407.	363.	266.	210.
Trk-Maybry	2119.	1867.	1443.	652.	468.	426.	402.	391.	359.	263.	194.
Truk-Oxbow	2129.	1858.	1428.	648.	456.	400.	366.	350.	320.	223.	150.
Truk-Spice	2101.	1831.	1401.	621.	428.	372.	339.	322.	293.	195.	122.
Trk-Lockwd	2394.	2109.	1643.	894.	658.	598.	534.	504.	467.	339.	269.
Truk-Sbars	2438.	2122.	1646.	930.	669.	590.	509.	428.	114.	75.	32.
Truk-Nixon	2438.	2122.	1646.	930.	669.	590.	509.	428.	114.	75.	32.
L Trk Hobt	152.	79.	61.	48.	38.	30.	20.	15.	11.	6.	2.

**March**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1350.	1216.	667.	382.	222.	126.	50.	50.	50.	3.	0.
Truk-Doner	1747.	1446.	979.	643.	396.	324.	277.	242.	219.	171.	112.
Truk-Boca	2453.	1825.	1310.	978.	623.	522.	511.	495.	453.	324.	300.
Stampd Rel	428.	347.	287.	216.	181.	159.	136.	112.	85.	56.	40.
L Truk Ind	276.	216.	156.	116.	96.	82.	67.	55.	40.	28.	16.
Donner Rel	103.	79.	64.	54.	46.	39.	31.	23.	18.	6.	2.
Prossr Rel	215.	181.	150.	114.	99.	78.	68.	55.	48.	38.	30.
Indepn Rel	53.	45.	32.	27.	23.	20.	16.	14.	9.	3.	2.
Trk-Trophy	2435.	1822.	1337.	1006.	623.	528.	513.	508.	464.	332.	305.
Trk-Maybry	2461.	1838.	1338.	1025.	628.	537.	502.	491.	445.	325.	283.
Truk-Oxbow	2458.	1827.	1333.	999.	597.	511.	465.	450.	405.	292.	237.
Truk-Spice	2431.	1800.	1305.	972.	569.	483.	437.	422.	377.	264.	208.
Trk-Lockwd	2697.	2050.	1544.	1202.	785.	691.	626.	590.	548.	417.	340.
Truk-Sbars	2708.	2062.	1557.	1213.	780.	674.	612.	529.	218.	141.	33.
Truk-Nixon	2708.	2062.	1557.	1213.	780.	674.	612.	529.	218.	141.	33.
L Trk Hobt	200.	165.	114.	82.	63.	54.	44.	34.	26.	16.	10.

**April-July**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	923.	555.	437.	333.	119.	70.	70.	70.	70.	70.	5.
Truk-Doner	1697.	1323.	1042.	784.	603.	481.	363.	287.	207.	132.	99.
Truk-Boca	3114.	2284.	1702.	1268.	1026.	864.	770.	651.	588.	537.	504.
Stampd Rel	771.	596.	457.	366.	283.	221.	184.	133.	87.	56.	30.
L Truk Ind	714.	594.	450.	365.	288.	222.	169.	118.	65.	24.	13.
Donner Rel	144.	117.	89.	69.	50.	38.	25.	10.	3.	2.	2.
Prossr Rel	390.	270.	194.	153.	125.	99.	78.	59.	41.	12.	5.
Indepn Rel	99.	83.	65.	54.	44.	36.	29.	21.	12.	4.	2.
Trk-Trophy	3046.	2185.	1608.	1197.	983.	837.	741.	634.	557.	514.	485.
Trk-Maybry	3025.	2147.	1575.	1147.	941.	792.	695.	587.	507.	466.	438.
Truk-Oxbow	2973.	2067.	1500.	1065.	866.	716.	606.	501.	406.	374.	345.
Truk-Spice	2923.	2000.	1430.	1001.	796.	664.	534.	435.	336.	303.	270.
Trk-Lockwd	3097.	2174.	1541.	1114.	880.	746.	612.	520.	397.	356.	324.
Truk-Sbars	3075.	2142.	1498.	1049.	800.	590.	420.	300.	268.	163.	81.
Truk-Nixon	3075.	2142.	1498.	1049.	800.	590.	420.	300.	268.	163.	81.
L Trk Hobt	556.	466.	343.	276.	210.	171.	125.	81.	39.	9.	4.

TROA.In.NoAction.Base Future No Action Analysis

**April**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1395.	674.	555.	488.	130.	70.	70.	70.	70.	36.	0.
Truk-Doner	2187.	1504.	1138.	860.	669.	602.	507.	412.	330.	273.	229.
Truk-Boca	3267.	2396.	1657.	1171.	926.	847.	795.	703.	618.	531.	474.
Stampd Rel	689.	558.	435.	375.	334.	292.	229.	183.	113.	62.	46.
L Truk Ind	418.	363.	297.	278.	242.	212.	188.	165.	125.	74.	58.
Donner Rel	131.	119.	102.	87.	81.	72.	60.	49.	36.	25.	19.
Prossr Rel	277.	172.	133.	106.	96.	84.	72.	57.	41.	5.	5.
Indepn Rel	80.	65.	56.	44.	39.	34.	29.	22.	17.	4.	2.
Trk-Trophy	3218.	2400.	1595.	1148.	918.	838.	768.	676.	638.	522.	492.
Trk-Maybry	3204.	2394.	1573.	1123.	893.	807.	750.	640.	603.	489.	453.
Truk-Oxbow	3151.	2348.	1511.	1056.	818.	736.	676.	565.	526.	411.	372.
Truk-Spice	3111.	2308.	1471.	1016.	777.	696.	638.	525.	484.	369.	331.
Trk-Lockwd	3308.	2527.	1642.	1171.	914.	825.	753.	629.	576.	454.	411.
Truk-Sbars	3302.	2514.	1633.	1146.	857.	745.	590.	490.	369.	200.	73.
Truk-Nixon	3302.	2514.	1633.	1146.	857.	745.	590.	490.	369.	200.	73.
L Trk Hobt	277.	254.	212.	193.	179.	158.	138.	119.	89.	54.	45.

TROA.In.NoAction.Base Future No Action Analysis

**May**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	907.	517.	407.	407.	220.	70.	70.	70.	70.	60.	4.
Truk-Doner	2111.	1516.	1223.	1082.	920.	762.	608.	500.	389.	282.	253.
Truk-Boca	4163.	3265.	2375.	1708.	1454.	1277.	1103.	993.	855.	741.	548.
Stampd Rel	1109.	891.	699.	546.	453.	358.	262.	170.	64.	48.	34.
L Truk Ind	810.	713.	620.	555.	483.	428.	387.	349.	259.	163.	105.
Donner Rel	155.	141.	101.	81.	64.	49.	43.	38.	31.	8.	2.
Prossr Rel	586.	510.	350.	234.	205.	178.	137.	101.	76.	45.	22.
Indepn Rel	105.	91.	77.	66.	59.	52.	47.	42.	31.	14.	5.
Trk-Trophy	4019.	3147.	2275.	1621.	1365.	1189.	1050.	940.	810.	710.	506.
Trk-Maybry	3968.	3107.	2224.	1579.	1317.	1136.	1005.	891.	759.	659.	455.
Truk-Oxbow	3890.	3038.	2145.	1509.	1239.	1056.	930.	809.	680.	576.	373.
Truk-Spice	3816.	2965.	2070.	1435.	1163.	980.	855.	733.	606.	500.	298.
Trk-Lockwd	3891.	3092.	2185.	1544.	1228.	1054.	934.	797.	675.	565.	363.
Truk-Sbars	3850.	3055.	2144.	1495.	1162.	1000.	800.	600.	467.	300.	110.
Truk-Nixon	3850.	3055.	2144.	1495.	1162.	1000.	800.	600.	467.	300.	110.
L Trk Hobt	615.	550.	488.	434.	378.	333.	307.	277.	205.	137.	87.

TROA.In.NoAction.Base Future No Action Analysis

**June**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	440.	437.	437.	437.	268.	70.	70.	70.	70.	70.	30.
Truk-Doner	1571.	1252.	1045.	812.	642.	517.	365.	297.	234.	158.	130.
Truk-Boca	2666.	2195.	1894.	1464.	1136.	1012.	923.	844.	747.	611.	512.
Stampd Rel	644.	556.	478.	411.	350.	265.	215.	178.	103.	30.	30.
L Truk Ind	838.	710.	571.	448.	361.	279.	223.	166.	105.	58.	31.
Donner Rel	176.	140.	98.	73.	51.	35.	23.	9.	2.	2.	2.
Prossr Rel	287.	234.	169.	151.	129.	114.	99.	71.	45.	26.	15.
Indepn Rel	126.	105.	82.	66.	53.	42.	35.	25.	16.	3.	2.
Trk-Trophy	2571.	2091.	1821.	1394.	1077.	958.	863.	807.	713.	575.	471.
Trk-Maybry	2521.	2040.	1773.	1344.	1030.	907.	812.	753.	659.	522.	420.
Truk-Oxbow	2427.	1942.	1677.	1249.	934.	805.	713.	650.	563.	416.	324.
Truk-Spice	2349.	1865.	1599.	1171.	856.	726.	633.	571.	484.	336.	251.
Trk-Lockwd	2448.	1949.	1699.	1251.	927.	785.	693.	629.	555.	395.	309.
Truk-Sbars	2389.	1889.	1636.	1188.	828.	657.	512.	410.	277.	170.	127.
Truk-Nixon	2389.	1889.	1636.	1188.	828.	657.	512.	410.	277.	170.	127.
L Trk Hobt	649.	561.	446.	360.	285.	221.	177.	129.	83.	34.	21.

**July  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	723.	432.	272.	132.	73.	70.	70.	70.	70.	70.	33.
Truk-Doner	1119.	543.	398.	303.	226.	174.	143.	123.	101.	89.	60.
Truk-Boca	1735.	894.	726.	643.	608.	588.	579.	564.	543.	518.	406.
Stampd Rel	286.	242.	205.	185.	158.	138.	124.	106.	88.	74.	53.
L Truk Ind	348.	195.	129.	100.	64.	42.	29.	18.	14.	7.	5.
Donner Rel	36.	20.	11.	8.	4.	3.	3.	2.	2.	2.	2.
Prossr Rel	222.	202.	166.	119.	76.	60.	47.	36.	16.	5.	5.
Indepn Rel	75.	56.	37.	31.	26.	17.	12.	7.	4.	2.	2.
Trk-Trophy	1684.	833.	702.	618.	568.	556.	552.	538.	513.	492.	388.
Trk-Maybry	1638.	795.	651.	567.	517.	506.	501.	487.	464.	443.	348.
Truk-Oxbow	1546.	709.	551.	462.	417.	404.	404.	385.	371.	347.	264.
Truk-Spice	1468.	633.	472.	383.	337.	325.	325.	307.	294.	270.	195.
Trk-Lockwd	1547.	722.	521.	432.	389.	374.	374.	374.	351.	322.	243.
Truk-Sbars	1464.	647.	319.	300.	300.	300.	274.	200.	150.	120.	83.
Truk-Nixon	1464.	647.	319.	300.	300.	300.	274.	200.	150.	120.	83.
L Trk Hobt	250.	137.	88.	60.	33.	20.	10.	6.	4.	2.	1.

**August-September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	446.	417.	332.	238.	141.	76.	70.	70.	70.	53.	0.
Truk-Doner	470.	450.	384.	273.	202.	158.	134.	108.	92.	69.	31.
Truk-Boca	597.	558.	548.	539.	518.	514.	504.	496.	480.	406.	156.
Stampd Rel	160.	143.	90.	75.	51.	39.	33.	30.	30.	30.	30.
L Truk Ind	54.	44.	33.	30.	26.	22.	17.	10.	7.	6.	4.
Donner Rel	54.	53.	50.	41.	18.	3.	3.	3.	2.	2.	2.
Prossr Rel	132.	52.	27.	16.	13.	9.	7.	5.	5.	5.	5.
Indepn Rel	34.	28.	25.	21.	17.	14.	10.	2.	2.	2.	2.
Trk-Trophy	584.	542.	532.	528.	500.	498.	492.	482.	482.	409.	165.
Trk-Maybry	537.	494.	483.	479.	453.	448.	445.	435.	435.	365.	139.
Truk-Oxbow	440.	393.	388.	383.	358.	353.	348.	333.	332.	274.	94.
Truk-Spice	376.	339.	314.	311.	298.	280.	279.	275.	275.	218.	57.
Trk-Lockwd	441.	402.	374.	363.	359.	338.	336.	329.	327.	273.	109.
Truk-Sbars	340.	328.	300.	300.	291.	290.	264.	264.	200.	109.	50.
Truk-Nixon	340.	328.	300.	300.	291.	290.	264.	264.	200.	109.	50.
L Trk Hobt	22.	13.	8.	6.	5.	4.	3.	3.	2.	0.	0.

**August  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	448.	416.	230.	129.	70.	70.	70.	70.	70.	59.	5.
Truk-Doner	463.	441.	241.	160.	132.	112.	101.	92.	82.	67.	24.
Truk-Boca	645.	590.	553.	548.	540.	520.	517.	514.	505.	448.	219.
Stampd Rel	172.	160.	137.	101.	84.	75.	57.	43.	34.	30.	30.
L Truk Ind	53.	40.	30.	25.	20.	13.	8.	7.	6.	4.	3.
Donner Rel	6.	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.
Prossr Rel	212.	122.	35.	27.	17.	12.	7.	5.	5.	5.	5.
Indepn Rel	24.	23.	19.	16.	11.	3.	2.	2.	2.	2.	2.
Trk-Trophy	627.	573.	533.	532.	529.	500.	499.	498.	496.	443.	224.
Trk-Maybry	576.	523.	483.	482.	479.	450.	449.	448.	447.	393.	193.
Truk-Oxbow	479.	429.	388.	388.	388.	357.	353.	353.	353.	304.	139.
Truk-Spice	402.	355.	311.	311.	311.	282.	275.	275.	275.	235.	90.
Trk-Lockwd	454.	422.	363.	363.	363.	339.	327.	327.	327.	288.	141.
Truk-Sbars	300.	300.	300.	300.	264.	264.	264.	264.	200.	110.	79.
Truk-Nixon	300.	300.	300.	300.	264.	264.	264.	264.	200.	110.	79.
L Trk Hobt	29.	15.	9.	7.	5.	4.	3.	3.	2.	0.	0.



**September**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	443.	417.	359.	316.	249.	156.	102.	70.	70.	27.	0.
Truk-Doner	475.	458.	407.	374.	322.	226.	184.	156.	135.	73.	34.
Truk-Boca	561.	549.	539.	514.	503.	498.	493.	481.	468.	347.	99.
Stampd Rel	89.	76.	47.	36.	32.	30.	30.	30.	30.	30.	30.
L Truk Ind	54.	46.	35.	31.	29.	26.	22.	19.	15.	7.	6.
Donner Rel	55.	54.	53.	52.	50.	49.	40.	30.	16.	3.	2.
Prossr Rel	55.	32.	16.	13.	10.	8.	7.	5.	5.	5.	5.
Indepn Rel	36.	33.	27.	25.	23.	18.	15.	13.	9.	2.	2.
Trk-Trophy	550.	542.	527.	500.	491.	482.	482.	482.	482.	354.	104.
Trk-Maybry	504.	495.	480.	458.	444.	435.	435.	435.	435.	317.	86.
Truk-Oxbow	400.	392.	378.	359.	342.	333.	332.	332.	331.	227.	49.
Truk-Spice	347.	339.	327.	306.	289.	280.	279.	279.	278.	181.	28.
Trk-Lockwd	408.	401.	384.	364.	346.	338.	337.	336.	335.	246.	81.
Truk-Sbars	342.	338.	321.	300.	292.	291.	290.	289.	191.	106.	29.
Truk-Nixon	342.	338.	321.	300.	292.	291.	290.	289.	191.	106.	29.
L Trk Hobt	20.	13.	6.	5.	5.	4.	3.	3.	2.	1.	0.

**Annual**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	675.	538.	395.	282.	198.	178.	165.	131.	82.	40.	8.
Truk-Doner	1021.	887.	672.	492.	373.	337.	299.	282.	267.	218.	101.
Truk-Boca	1648.	1412.	1097.	878.	691.	641.	624.	562.	527.	424.	332.
Stampd Rel	273.	241.	210.	192.	176.	156.	144.	122.	108.	81.	77.
L Truk Ind	233.	210.	184.	151.	132.	115.	95.	83.	66.	48.	40.
Donner Rel	63.	59.	54.	46.	38.	35.	32.	26.	21.	17.	12.
Prossr Rel	156.	137.	115.	104.	94.	84.	74.	67.	55.	40.	33.
Indepn Rel	42.	36.	32.	28.	25.	22.	19.	17.	14.	12.	9.
Trk-Trophy	1641.	1396.	1094.	863.	682.	632.	614.	556.	516.	418.	333.
Trk-Maybry	1624.	1383.	1070.	841.	655.	604.	584.	523.	483.	387.	304.
Truk-Oxbow	1571.	1331.	1010.	783.	590.	539.	516.	456.	414.	322.	247.
Truk-Spice	1523.	1284.	962.	735.	542.	491.	468.	407.	365.	275.	206.
Trk-Lockwd	1665.	1427.	1102.	873.	664.	614.	581.	514.	468.	382.	295.
Truk-Sbars	1645.	1396.	1063.	843.	625.	563.	471.	401.	237.	151.	96.
Truk-Nixon	1645.	1396.	1063.	843.	625.	563.	471.	401.	237.	151.	96.
L Trk Hobt	172.	151.	132.	109.	96.	82.	68.	58.	48.	31.	23.

# LOCAL WATER SUPPLY ALTERNATIVE

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

## October-January FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	715.	343.	287.	252.	211.	165.	93.	50.	50.	0.	0.
Truk-Doner	826.	464.	335.	304.	277.	248.	203.	169.	123.	44.	23.
Truk-Boca	1233.	785.	656.	462.	408.	402.	398.	393.	350.	187.	116.
Stampd Rel	310.	194.	126.	101.	80.	61.	46.	36.	30.	30.	30.
L Truk Ind	140.	84.	47.	34.	30.	25.	21.	16.	12.	8.	6.
Donner Rel	83.	61.	45.	40.	32.	24.	17.	14.	12.	7.	3.
Prossr Rel	332.	299.	93.	58.	39.	30.	24.	19.	15.	12.	8.
Indepn Rel	30.	24.	18.	15.	13.	10.	8.	6.	5.	3.	2.
Trk-Trophy	1264.	803.	681.	470.	422.	411.	408.	403.	362.	200.	134.
Trk-Maybry	1295.	813.	668.	456.	414.	396.	390.	383.	347.	184.	116.
Truk-Oxbow	1298.	791.	616.	419.	369.	356.	348.	334.	294.	140.	71.
Truk-Spice	1270.	760.	581.	391.	339.	327.	320.	303.	259.	112.	43.
Trk-Lockwd	1524.	955.	686.	576.	514.	479.	460.	429.	376.	254.	137.
Truk-Sbars	1544.	957.	668.	542.	480.	453.	399.	254.	112.	91.	32.
Truk-Nixon	1544.	957.	668.	542.	480.	453.	399.	254.	112.	91.	32.
L Trk Hobt	106.	55.	28.	18.	14.	9.	6.	5.	3.	2.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

## October FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	350.	329.	298.	274.	246.	212.	139.	50.	50.	0.	0.
Truk-Doner	367.	348.	334.	318.	294.	271.	228.	157.	123.	31.	14.
Truk-Boca	803.	775.	757.	728.	650.	525.	474.	417.	396.	199.	91.
Stampd Rel	373.	320.	274.	186.	132.	100.	62.	43.	36.	30.	30.
L Truk Ind	57.	44.	35.	32.	29.	26.	23.	21.	19.	17.	13.
Donner Rel	82.	67.	39.	29.	25.	22.	18.	15.	12.	6.	3.
Prossr Rel	353.	341.	331.	322.	251.	138.	60.	30.	12.	8.	7.
Indepn Rel	32.	27.	24.	21.	19.	18.	16.	15.	14.	11.	7.
Trk-Trophy	807.	779.	761.	729.	658.	528.	473.	425.	397.	207.	102.
Trk-Maybry	780.	747.	726.	703.	622.	494.	440.	391.	361.	183.	80.
Truk-Oxbow	724.	685.	662.	641.	558.	430.	370.	327.	294.	138.	36.
Truk-Spice	690.	650.	625.	606.	522.	394.	333.	293.	257.	113.	12.
Trk-Lockwd	775.	729.	695.	670.	593.	460.	399.	359.	321.	177.	79.
Truk-Sbars	752.	710.	675.	650.	563.	429.	360.	305.	224.	109.	35.
Truk-Nixon	752.	710.	675.	650.	563.	429.	360.	305.	224.	109.	35.
L Trk Hobt	31.	16.	11.	8.	6.	6.	5.	5.	4.	3.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

## November FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	250.	231.	194.	157.	120.	59.	50.	50.	50.	0.	0.
Truk-Doner	455.	283.	265.	244.	217.	194.	171.	145.	113.	59.	42.
Truk-Boca	739.	475.	410.	404.	402.	399.	395.	375.	329.	168.	116.
Stampd Rel	151.	117.	99.	84.	64.	48.	34.	30.	30.	30.	30.
L Truk Ind	115.	63.	37.	29.	23.	17.	14.	10.	8.	5.	5.
Donner Rel	77.	62.	55.	50.	47.	44.	42.	40.	38.	35.	33.
Prossr Rel	126.	69.	41.	36.	28.	21.	18.	17.	14.	12.	10.
Indepn Rel	31.	16.	11.	9.	7.	6.	4.	3.	2.	2.	2.
Trk-Trophy	742.	491.	423.	412.	411.	410.	409.	388.	348.	177.	131.
Trk-Maybry	744.	478.	416.	400.	397.	395.	393.	387.	331.	155.	111.
Truk-Oxbow	718.	440.	380.	361.	357.	354.	352.	340.	289.	109.	66.
Truk-Spice	690.	412.	351.	333.	328.	326.	323.	311.	260.	82.	38.
Trk-Lockwd	899.	599.	534.	496.	488.	476.	465.	451.	396.	192.	130.
Truk-Sbars	864.	599.	503.	483.	469.	453.	367.	136.	106.	92.	29.
Truk-Nixon	864.	599.	503.	483.	469.	453.	367.	136.	106.	92.	29.
L Trk Hobt	75.	45.	23.	17.	10.	8.	6.	4.	2.	2.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**December  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	873.	485.	294.	269.	243.	202.	160.	65.	50.	0.	0.
Truk-Doner	1077.	693.	368.	312.	295.	270.	237.	182.	116.	37.	20.
Truk-Boca	1423.	892.	443.	409.	403.	399.	395.	380.	351.	185.	116.
Stampd Rel	184.	147.	108.	95.	76.	56.	40.	32.	30.	30.	30.
L Truk Ind	250.	104.	53.	35.	30.	24.	18.	14.	10.	9.	7.
Donner Rel	92.	35.	22.	15.	14.	13.	12.	10.	8.	5.	3.
Prossr Rel	201.	92.	62.	37.	30.	26.	21.	20.	16.	13.	10.
Indepn Rel	41.	23.	15.	11.	9.	8.	7.	6.	5.	5.	3.
Trk-Trophy	1432.	918.	459.	426.	411.	407.	406.	392.	362.	195.	135.
Trk-Maybry	1464.	918.	476.	417.	396.	390.	386.	376.	346.	175.	121.
Truk-Oxbow	1483.	890.	465.	374.	357.	348.	341.	327.	304.	138.	80.
Truk-Spice	1456.	862.	437.	347.	329.	320.	313.	300.	277.	111.	52.
Trk-Lockwd	1714.	1090.	702.	544.	503.	476.	458.	445.	424.	255.	161.
Truk-Sbars	1745.	1097.	713.	502.	463.	445.	398.	139.	101.	90.	34.
Truk-Nixon	1745.	1097.	713.	502.	463.	445.	398.	139.	101.	90.	34.
L Trk Hobt	189.	78.	35.	21.	16.	12.	8.	6.	3.	2.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**January  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1072.	756.	338.	288.	252.	202.	132.	60.	50.	0.	0.
Truk-Doner	1328.	974.	484.	333.	306.	286.	227.	187.	160.	55.	27.
Truk-Boca	1716.	1255.	660.	444.	405.	401.	398.	380.	321.	211.	154.
Stampd Rel	201.	139.	114.	91.	73.	64.	52.	40.	30.	30.	30.
L Truk Ind	189.	134.	65.	54.	39.	30.	27.	20.	13.	9.	8.
Donner Rel	99.	60.	40.	29.	24.	19.	15.	12.	11.	7.	4.
Prossr Rel	163.	93.	64.	56.	39.	33.	27.	22.	17.	13.	10.
Indepn Rel	27.	22.	16.	14.	12.	10.	8.	7.	6.	5.	4.
Trk-Trophy	1744.	1301.	709.	457.	416.	409.	406.	393.	335.	226.	169.
Trk-Maybry	1786.	1308.	789.	465.	418.	394.	386.	375.	326.	213.	154.
Truk-Oxbow	1802.	1299.	790.	448.	383.	354.	346.	337.	285.	178.	110.
Truk-Spice	1774.	1272.	762.	421.	356.	326.	318.	310.	257.	151.	83.
Trk-Lockwd	2051.	1528.	1001.	658.	552.	516.	483.	451.	414.	314.	236.
Truk-Sbars	2083.	1552.	1017.	670.	545.	494.	447.	394.	113.	84.	32.
Truk-Nixon	2083.	1552.	1017.	670.	545.	494.	447.	394.	113.	84.	32.
L Trk Hobt	147.	99.	45.	34.	22.	17.	14.	10.	5.	2.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**February-March  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1350.	685.	314.	205.	148.	56.	50.	50.	1.	0.
Truk-Doner	1712.	1616.	1026.	505.	333.	286.	249.	221.	186.	121.	73.
Truk-Boca	2188.	1797.	1329.	797.	526.	501.	430.	404.	387.	303.	235.
Stampd Rel	354.	300.	203.	163.	142.	120.	101.	78.	52.	31.	30.
L Truk Ind	253.	183.	112.	87.	72.	59.	45.	35.	24.	14.	10.
Donner Rel	102.	77.	57.	46.	36.	31.	24.	20.	16.	11.	4.
Prossr Rel	204.	168.	114.	92.	76.	61.	52.	42.	36.	28.	19.
Indepn Rel	48.	35.	26.	20.	15.	12.	8.	4.	2.	2.	2.
Trk-Trophy	2205.	1822.	1344.	818.	529.	509.	457.	417.	405.	314.	248.
Trk-Maybry	2238.	1846.	1353.	839.	550.	496.	456.	412.	389.	303.	233.
Truk-Oxbow	2236.	1837.	1345.	816.	537.	458.	423.	374.	345.	265.	190.
Truk-Spice	2207.	1808.	1316.	789.	508.	430.	394.	345.	316.	236.	161.
Trk-Lockwd	2487.	2073.	1561.	1036.	744.	637.	590.	537.	485.	388.	295.
Truk-Sbars	2514.	2084.	1572.	1042.	745.	628.	559.	453.	143.	88.	32.
Truk-Nixon	2514.	2084.	1572.	1042.	745.	628.	559.	453.	143.	88.	32.
L Trk Hobt	184.	134.	80.	63.	51.	40.	32.	23.	15.	10.	5.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**February  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1494.	962.	283.	204.	167.	82.	50.	50.	1.	0.
Truk-Doner	1716.	1645.	1150.	347.	294.	255.	224.	191.	166.	81.	52.
Truk-Boca	2040.	1796.	1403.	606.	420.	407.	401.	396.	344.	253.	186.
Stampd Rel	212.	169.	146.	125.	105.	94.	71.	52.	36.	30.	30.
L Truk Ind	200.	106.	82.	62.	50.	40.	28.	23.	16.	11.	6.
Donner Rel	101.	76.	43.	35.	31.	25.	21.	19.	15.	11.	9.
Prossr Rel	181.	118.	85.	70.	59.	47.	38.	35.	30.	19.	14.
Indepn Rel	33.	19.	13.	10.	7.	6.	3.	2.	2.	2.	2.
Trk-Trophy	2081.	1830.	1421.	629.	452.	424.	410.	407.	363.	266.	210.
Trk-Maybry	2118.	1863.	1438.	649.	467.	425.	401.	390.	358.	262.	193.
Truk-Oxbow	2125.	1853.	1422.	643.	452.	396.	363.	347.	317.	220.	148.
Truk-Spice	2096.	1825.	1393.	615.	424.	368.	335.	319.	289.	191.	120.
Trk-Lockwd	2391.	2105.	1637.	890.	655.	596.	531.	501.	464.	336.	266.
Truk-Sbars	2435.	2117.	1640.	926.	667.	587.	506.	424.	114.	67.	32.
Truk-Nixon	2435.	2117.	1640.	926.	667.	587.	506.	424.	114.	67.	32.
L Trk Hobt	152.	79.	61.	48.	38.	30.	20.	15.	11.	6.	2.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**March  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1350.	1207.	667.	382.	222.	125.	50.	50.	50.	3.	0.
Truk-Doner	1739.	1446.	979.	643.	396.	324.	276.	242.	219.	170.	112.
Truk-Boca	2445.	1825.	1309.	979.	622.	522.	511.	495.	455.	326.	300.
Stampd Rel	428.	347.	286.	216.	181.	159.	136.	112.	85.	55.	40.
L Truk Ind	276.	216.	156.	116.	96.	82.	67.	55.	40.	28.	16.
Donner Rel	103.	79.	64.	54.	46.	39.	31.	23.	18.	6.	2.
Prossr Rel	215.	181.	150.	114.	99.	79.	68.	55.	48.	38.	30.
Indepn Rel	53.	45.	32.	27.	23.	20.	16.	14.	9.	3.	2.
Trk-Trophy	2426.	1822.	1336.	1005.	623.	528.	512.	508.	465.	334.	305.
Trk-Maybry	2451.	1836.	1335.	1023.	626.	536.	501.	490.	446.	325.	282.
Truk-Oxbow	2445.	1823.	1329.	994.	592.	508.	461.	447.	403.	290.	234.
Truk-Spice	2417.	1794.	1300.	968.	564.	479.	432.	418.	374.	262.	204.
Trk-Lockwd	2685.	2047.	1540.	1198.	781.	688.	622.	587.	544.	415.	337.
Truk-Sbars	2696.	2059.	1553.	1209.	775.	671.	609.	525.	215.	141.	33.
Truk-Nixon	2696.	2059.	1553.	1209.	775.	671.	609.	525.	215.	141.	33.
L Trk Hobt	200.	165.	114.	82.	63.	54.	44.	34.	26.	16.	10.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**April-July  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	922.	555.	437.	333.	119.	70.	70.	70.	70.	70.	4.
Truk-Doner	1697.	1323.	1042.	784.	603.	481.	363.	287.	207.	132.	99.
Truk-Boca	3113.	2285.	1702.	1268.	1025.	864.	770.	651.	586.	537.	504.
Stampd Rel	771.	595.	462.	366.	283.	222.	182.	132.	87.	56.	30.
L Truk Ind	714.	594.	452.	365.	288.	221.	169.	117.	64.	24.	13.
Donner Rel	144.	117.	89.	69.	50.	38.	25.	10.	3.	2.	2.
Prossr Rel	390.	269.	193.	153.	125.	100.	77.	59.	41.	12.	5.
Indepn Rel	99.	83.	65.	54.	44.	37.	29.	21.	11.	4.	2.
Trk-Trophy	3047.	2185.	1607.	1198.	980.	837.	740.	631.	556.	514.	484.
Trk-Maybry	3024.	2147.	1574.	1147.	939.	792.	694.	584.	507.	468.	436.
Truk-Oxbow	2972.	2066.	1500.	1064.	863.	715.	605.	498.	406.	374.	344.
Truk-Spice	2921.	1999.	1429.	999.	794.	662.	533.	431.	336.	302.	270.
Trk-Lockwd	3096.	2172.	1540.	1114.	877.	745.	611.	518.	396.	355.	324.
Truk-Sbars	3074.	2141.	1498.	1048.	800.	590.	420.	300.	268.	163.	81.
Truk-Nixon	3074.	2141.	1498.	1048.	800.	590.	420.	300.	268.	163.	81.
L Trk Hobt	556.	466.	343.	276.	210.	171.	125.	81.	39.	9.	4.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**April  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1395.	674.	555.	489.	429.	370.	310.	250.	190.	130.	70.
Truk-Doner	2188.	1504.	1139.	859.	669.	503.	387.	300.	230.	170.	110.
Truk-Boca	3257.	2397.	1657.	1171.	925.	749.	603.	496.	409.	330.	260.
Stampd Rel	689.	559.	436.	376.	334.	293.	252.	211.	170.	129.	88.
L Truk Ind	418.	363.	297.	278.	242.	212.	188.	165.	142.	125.	108.
Donner Rel	131.	119.	102.	87.	81.	72.	60.	49.	36.	25.	19.
Prossr Rel	277.	172.	133.	106.	96.	84.	72.	58.	41.	5.	5.
Indepn Rel	80.	65.	56.	44.	39.	34.	29.	22.	17.	4.	2.
Trk-Trophy	3208.	2401.	1595.	1148.	920.	739.	603.	496.	409.	330.	260.
Trk-Maybry	3194.	2394.	1572.	1122.	893.	706.	569.	462.	375.	288.	221.
Truk-Oxbow	3139.	2346.	1509.	1054.	817.	635.	508.	401.	314.	227.	160.
Truk-Spice	3098.	2306.	1469.	1014.	776.	604.	487.	390.	303.	216.	149.
Trk-Lockwd	3298.	2525.	1640.	1168.	912.	723.	575.	468.	381.	294.	207.
Truk-Sbars	3296.	2512.	1630.	1144.	854.	643.	506.	409.	322.	235.	148.
Truk-Nixon	3296.	2512.	1630.	1144.	854.	643.	506.	409.	322.	235.	148.
L Trk Hobt	277.	254.	212.	193.	179.	158.	138.	119.	89.	54.	45.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**May  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	905.	515.	407.	407.	220.	70.	70.	70.	70.	60.	3.
Truk-Doner	2111.	1516.	1224.	1083.	920.	763.	608.	501.	389.	282.	253.
Truk-Boca	4161.	3264.	2376.	1709.	1453.	1277.	1103.	993.	857.	741.	548.
Stampd Rel	1104.	891.	702.	547.	457.	359.	263.	170.	63.	48.	34.
L Truk Ind	810.	713.	620.	555.	483.	428.	387.	349.	259.	163.	105.
Donner Rel	155.	141.	101.	81.	64.	49.	43.	38.	31.	8.	2.
Prossr Rel	586.	510.	350.	234.	205.	178.	137.	101.	76.	45.	22.
Indepn Rel	105.	91.	77.	66.	59.	52.	47.	42.	32.	14.	5.
Trk-Trophy	4016.	3147.	2275.	1622.	1364.	1189.	1051.	940.	811.	710.	506.
Trk-Maybry	3965.	3107.	2224.	1579.	1315.	1136.	1005.	891.	760.	660.	455.
Truk-Oxbow	3886.	3038.	2145.	1509.	1237.	1055.	930.	809.	682.	576.	373.
Truk-Spice	3812.	2964.	2070.	1435.	1161.	979.	855.	733.	607.	500.	298.
Trk-Lockwd	3888.	3092.	2184.	1544.	1225.	1054.	936.	797.	678.	565.	363.
Truk-Sbars	3847.	3054.	2144.	1496.	1160.	1000.	800.	600.	467.	300.	110.
Truk-Nixon	3847.	3054.	2144.	1496.	1160.	1000.	800.	600.	467.	300.	110.
L Trk Hobt	615.	550.	488.	434.	378.	333.	307.	277.	205.	137.	87.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**June  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	440.	437.	437.	437.	263.	70.	70.	70.	70.	70.	29.
Truk-Doner	1571.	1252.	1045.	811.	642.	516.	365.	297.	234.	158.	130.
Truk-Boca	2665.	2196.	1894.	1464.	1136.	1010.	923.	844.	747.	611.	515.
Stampd Rel	645.	556.	478.	411.	353.	265.	218.	177.	105.	30.	30.
L Truk Ind	838.	710.	571.	448.	361.	279.	223.	166.	107.	58.	31.
Donner Rel	176.	140.	98.	73.	51.	35.	23.	9.	2.	2.	2.
Prossr Rel	286.	231.	169.	151.	129.	114.	99.	72.	46.	26.	15.
Indepn Rel	126.	105.	84.	67.	54.	42.	35.	26.	16.	3.	2.
Trk-Trophy	2570.	2091.	1821.	1394.	1077.	953.	863.	807.	713.	575.	473.
Trk-Maybry	2520.	2040.	1773.	1345.	1029.	902.	812.	753.	659.	521.	422.
Truk-Oxbow	2426.	1942.	1677.	1249.	934.	802.	712.	650.	562.	416.	324.
Truk-Spice	2348.	1865.	1599.	1171.	856.	724.	633.	570.	484.	336.	250.
Trk-Lockwd	2447.	1949.	1699.	1251.	927.	784.	693.	629.	554.	394.	309.
Truk-Sbars	2389.	1889.	1637.	1189.	824.	658.	512.	410.	277.	170.	127.
Truk-Nixon	2389.	1889.	1637.	1189.	824.	658.	512.	410.	277.	170.	127.
L Trk Hobt	649.	561.	446.	360.	285.	221.	177.	129.	83.	34.	21.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**July  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	723.	433.	271.	133.	73.	70.	70.	70.	70.	70.	33.
Truk-Doner	1119.	543.	398.	303.	226.	174.	143.	122.	101.	89.	61.
Truk-Boca	1734.	893.	726.	643.	608.	588.	579.	563.	543.	519.	403.
Stampd Rel	286.	242.	204.	185.	158.	138.	123.	106.	88.	74.	54.
L Truk Ind	348.	195.	129.	100.	63.	43.	29.	18.	14.	7.	5.
Donner Rel	36.	20.	11.	8.	4.	3.	3.	2.	2.	2.	2.
Prossr Rel	222.	202.	167.	119.	75.	60.	47.	36.	16.	5.	5.
Indepn Rel	75.	52.	37.	31.	26.	17.	12.	7.	4.	2.	2.
Trk-Trophy	1683.	833.	701.	618.	568.	556.	552.	538.	514.	492.	385.
Trk-Maybry	1637.	794.	650.	567.	517.	506.	501.	487.	465.	443.	345.
Truk-Oxbow	1545.	708.	550.	461.	416.	404.	404.	385.	371.	346.	261.
Truk-Spice	1467.	632.	471.	382.	337.	325.	325.	307.	294.	271.	192.
Trk-Lockwd	1545.	721.	520.	431.	389.	374.	374.	374.	351.	322.	241.
Truk-Sbars	1463.	646.	320.	300.	300.	300.	274.	201.	150.	120.	83.
Truk-Nixon	1463.	646.	320.	300.	300.	300.	274.	201.	150.	120.	83.
L Trk Hobt	250.	137.	88.	60.	33.	20.	10.	6.	4.	2.	1.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**August-September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	448.	418.	334.	239.	142.	77.	70.	70.	70.	52.	0.
Truk-Doner	471.	451.	385.	275.	202.	158.	134.	108.	91.	68.	31.
Truk-Boca	597.	558.	548.	539.	519.	514.	504.	496.	481.	403.	154.
Stampd Rel	160.	143.	91.	75.	51.	39.	34.	30.	30.	30.	30.
L Truk Ind	53.	45.	33.	30.	26.	22.	17.	10.	7.	6.	4.
Donner Rel	54.	53.	50.	40.	18.	3.	3.	3.	2.	2.	2.
Prossr Rel	132.	52.	27.	16.	13.	9.	7.	5.	5.	5.	5.
Indepn Rel	34.	29.	25.	22.	17.	14.	10.	2.	2.	2.	2.
Trk-Trophy	584.	542.	532.	528.	500.	498.	492.	482.	482.	407.	163.
Trk-Maybry	536.	494.	482.	479.	453.	448.	445.	435.	435.	363.	138.
Truk-Oxbow	440.	393.	388.	383.	358.	353.	348.	333.	332.	273.	95.
Truk-Spice	376.	339.	314.	310.	297.	280.	278.	275.	275.	216.	57.
Trk-Lockwd	441.	402.	374.	363.	359.	337.	336.	329.	328.	271.	110.
Truk-Sbars	340.	328.	300.	300.	291.	290.	265.	265.	200.	109.	51.
Truk-Nixon	340.	328.	300.	300.	291.	290.	265.	265.	200.	109.	51.
L Trk Hobt	22.	13.	8.	6.	5.	4.	3.	3.	2.	0.	0.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**August  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	450.	418.	231.	131.	70.	70.	70.	70.	70.	59.	5.
Truk-Doner	463.	442.	243.	160.	133.	112.	101.	92.	82.	66.	24.
Truk-Boca	645.	590.	554.	548.	540.	520.	517.	514.	505.	447.	217.
Stampd Rel	171.	160.	137.	102.	84.	74.	57.	44.	34.	30.	30.
L Truk Ind	53.	41.	31.	26.	20.	13.	8.	7.	6.	4.	3.
Donner Rel	5.	3.	3.	3.	3.	3.	3.	2.	2.	2.	2.
Prossr Rel	213.	122.	35.	27.	17.	12.	7.	5.	5.	5.	5.
Indepn Rel	25.	23.	19.	16.	11.	3.	2.	2.	2.	2.	2.
Trk-Trophy	626.	573.	533.	532.	529.	500.	499.	498.	497.	441.	221.
Trk-Maybry	576.	523.	483.	481.	479.	450.	449.	448.	447.	392.	191.
Truk-Oxbow	479.	429.	388.	388.	388.	356.	353.	353.	353.	303.	138.
Truk-Spice	401.	355.	310.	310.	310.	281.	275.	275.	275.	235.	89.
Trk-Lockwd	454.	422.	363.	363.	363.	338.	328.	328.	328.	288.	141.
Truk-Sbars	300.	300.	300.	300.	265.	265.	265.	246.	200.	110.	79.
Truk-Nixon	300.	300.	300.	300.	265.	265.	265.	246.	200.	110.	79.
L Trk Hobt	29.	15.	9.	7.	5.	4.	3.	3.	2.	0.	0.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	445.	417.	361.	316.	251.	158.	104.	70.	70.	27.	0.
Truk-Doner	476.	458.	409.	376.	323.	228.	186.	157.	136.	72.	32.
Truk-Boca	562.	549.	539.	514.	503.	498.	493.	481.	468.	344.	95.
Stampd Rel	89.	76.	47.	36.	32.	30.	30.	30.	30.	30.	30.
L Truk Ind	54.	46.	35.	31.	29.	26.	22.	19.	15.	7.	5.
Donner Rel	55.	54.	53.	52.	50.	48.	40.	30.	16.	3.	2.
Prossr Rel	55.	32.	16.	13.	10.	8.	7.	5.	5.	5.	5.
Indepn Rel	36.	33.	28.	25.	23.	18.	15.	13.	8.	2.	2.
Trk-Trophy	550.	542.	527.	500.	490.	482.	482.	482.	482.	350.	101.
Trk-Maybry	504.	495.	480.	458.	444.	435.	435.	435.	435.	312.	84.
Truk-Oxbow	400.	391.	378.	358.	342.	333.	332.	332.	331.	223.	49.
Truk-Spice	347.	339.	326.	305.	289.	280.	279.	278.	278.	177.	29.
Trk-Lockwd	408.	400.	384.	363.	346.	337.	336.	336.	335.	242.	82.
Truk-Sbars	342.	338.	321.	300.	292.	291.	290.	289.	188.	106.	30.
Truk-Nixon	342.	338.	321.	300.	292.	291.	290.	289.	188.	106.	30.
L Trk Hobt	20.	13.	6.	5.	5.	4.	3.	3.	2.	1.	0.

TROA.In.LWSA.Base Future W/O TROA Local Water Supply Alt.

**Annual  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	675.	538.	395.	281.	198.	178.	165.	131.	82.	40.	8.
Truk-Doner	1021.	886.	671.	492.	374.	337.	299.	283.	267.	218.	101.
Truk-Boca	1647.	1411.	1097.	878.	691.	641.	625.	562.	528.	423.	331.
Stampd Rel	273.	241.	210.	192.	176.	156.	144.	122.	109.	81.	77.
L Truk Ind	233.	210.	184.	151.	132.	115.	95.	83.	66.	48.	40.
Donner Rel	63.	59.	54.	46.	38.	35.	32.	26.	21.	17.	12.
Prossr Rel	156.	137.	115.	104.	94.	84.	74.	67.	55.	40.	33.
Indepn Rel	42.	36.	32.	28.	25.	22.	19.	16.	14.	12.	9.
Trk-Trophy	1640.	1395.	1094.	862.	681.	632.	614.	556.	516.	417.	332.
Trk-Maybry	1623.	1381.	1069.	840.	654.	603.	584.	523.	482.	387.	303.
Truk-Oxbow	1568.	1329.	1009.	781.	588.	538.	515.	455.	413.	321.	245.
Truk-Spice	1520.	1281.	960.	734.	540.	489.	466.	406.	364.	273.	203.
Trk-Lockwd	1662.	1425.	1100.	871.	663.	612.	579.	513.	467.	381.	293.
Truk-Sbars	1643.	1394.	1061.	842.	623.	561.	470.	400.	236.	151.	95.
Truk-Nixon	1643.	1394.	1061.	842.	623.	561.	470.	400.	236.	151.	95.
L Trk Hobt	172.	151.	132.	109.	96.	82.	68.	58.	48.	31.	23.

# TRUCKEE RIVER OPERATING AGREEMENT

TROA.In.EIS.Tr.base TROA Condition Analysis for EIS

## October-January FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	740.	350.	235.	198.	149.	89.	75.	59.	50.	0.	0.
Truk-Doner	853.	536.	302.	260.	228.	195.	169.	147.	114.	44.	24.
Truk-Boca	1306.	834.	628.	475.	412.	362.	328.	283.	224.	184.	124.
Stampd Rel	317.	246.	150.	106.	79.	60.	45.	45.	45.	43.	32.
L Truk Ind	140.	84.	50.	34.	29.	26.	21.	17.	13.	10.	9.
Donner Rel	84.	64.	53.	46.	40.	34.	25.	16.	13.	9.	6.
Prossr Rel	293.	262.	128.	66.	48.	36.	29.	22.	17.	12.	9.
Indepn Rel	39.	23.	17.	14.	12.	10.	8.	7.	7.	6.	4.
Trk-Trophy	1353.	888.	640.	484.	422.	372.	340.	295.	236.	197.	139.
Trk-Maybry	1409.	898.	606.	463.	406.	360.	326.	282.	223.	183.	119.
Truk-Oxbow	1419.	876.	544.	413.	359.	314.	285.	245.	184.	143.	75.
Truk-Spice	1392.	846.	510.	382.	329.	288.	256.	217.	157.	116.	48.
Trk-Lockwd	1639.	1055.	601.	530.	469.	425.	397.	365.	318.	243.	139.
Truk-Sbars	1660.	1042.	593.	500.	413.	368.	310.	199.	110.	90.	35.
Truk-Nixon	1660.	1042.	593.	500.	413.	368.	310.	199.	110.	90.	35.
L Trk Hobt	106.	55.	28.	18.	14.	9.	6.	5.	3.	2.	2.

TROA.In.EIS.Tr.base TROA Condition Analysis for EIS

## October FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	263.	239.	225.	186.	156.	113.	75.	53.	50.	0.	0.
Truk-Doner	325.	309.	284.	264.	233.	202.	179.	157.	116.	41.	21.
Truk-Boca	794.	683.	641.	632.	584.	512.	472.	450.	416.	235.	135.
Stampd Rel	388.	340.	284.	250.	213.	177.	138.	107.	78.	48.	43.
L Truk Ind	63.	50.	39.	32.	27.	25.	23.	21.	19.	17.	13.
Donner Rel	83.	72.	63.	57.	54.	50.	47.	42.	37.	25.	18.
Prossr Rel	311.	301.	288.	270.	231.	189.	137.	96.	49.	12.	9.
Indepn Rel	43.	31.	23.	20.	17.	16.	14.	13.	13.	9.	7.
Trk-Trophy	815.	680.	649.	640.	589.	516.	478.	453.	424.	248.	149.
Trk-Maybry	787.	648.	619.	604.	559.	482.	444.	424.	388.	222.	125.
Truk-Oxbow	731.	595.	558.	541.	500.	420.	380.	358.	324.	165.	74.
Truk-Spice	699.	561.	523.	506.	465.	386.	346.	322.	291.	133.	44.
Trk-Lockwd	768.	651.	588.	572.	531.	452.	411.	386.	358.	207.	114.
Truk-Sbars	749.	631.	568.	550.	498.	432.	386.	347.	240.	104.	56.
Truk-Nixon	749.	631.	568.	550.	498.	432.	386.	347.	240.	104.	56.
L Trk Hobt	31.	16.	11.	8.	6.	6.	5.	5.	4.	3.	2.

TROA.In.EIS.Tr.base TROA Condition Analysis for EIS

## November FLOW EXCEEDENCE PROBABILITY TABLE

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	220.	183.	140.	103.	75.	75.	51.	50.	50.	0.	0.
Truk-Doner	434.	252.	223.	197.	177.	165.	156.	137.	109.	48.	37.
Truk-Boca	774.	467.	376.	335.	304.	292.	274.	239.	200.	163.	111.
Stampd Rel	155.	132.	97.	71.	54.	45.	45.	45.	45.	43.	31.
L Truk Ind	115.	63.	37.	30.	23.	18.	15.	11.	10.	9.	7.
Donner Rel	77.	60.	53.	49.	44.	42.	40.	38.	35.	28.	23.
Prossr Rel	112.	66.	47.	39.	31.	26.	20.	18.	15.	12.	9.
Indepn Rel	28.	17.	11.	8.	7.	7.	7.	7.	6.	3.	3.
Trk-Trophy	777.	481.	388.	344.	320.	300.	285.	252.	213.	171.	125.
Trk-Maybry	772.	468.	387.	333.	306.	289.	274.	239.	201.	152.	105.
Truk-Oxbow	740.	431.	346.	297.	270.	250.	234.	198.	160.	108.	62.
Truk-Spice	712.	403.	318.	269.	242.	222.	206.	171.	132.	81.	36.
Trk-Lockwd	915.	596.	493.	427.	398.	377.	359.	324.	282.	183.	121.
Truk-Sbars	877.	579.	401.	368.	348.	308.	228.	127.	102.	92.	33.
Truk-Nixon	877.	579.	401.	368.	348.	308.	228.	127.	102.	92.	33.
L Trk Hobt	75.	45.	23.	17.	10.	8.	6.	4.	2.	2.	2.



**December  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	927.	551.	303.	231.	200.	150.	75.	75.	50.	0.	0.
Truk-Doner	1091.	720.	433.	279.	253.	220.	180.	137.	107.	34.	20.
Truk-Boca	1527.	995.	543.	413.	360.	350.	325.	271.	217.	166.	117.
Stampd Rel	197.	146.	93.	73.	55.	46.	45.	45.	45.	42.	35.
L Truk Ind	249.	104.	53.	36.	30.	24.	18.	14.	11.	10.	9.
Donner Rel	93.	36.	22.	16.	14.	13.	12.	10.	8.	5.	3.
Prossr Rel	201.	85.	54.	37.	31.	27.	21.	20.	15.	11.	5.
Indepn Rel	41.	22.	15.	12.	9.	8.	7.	7.	7.	5.	5.
Trk-Trophy	1522.	1019.	575.	420.	369.	362.	334.	283.	226.	182.	135.
Trk-Maybry	1544.	1025.	596.	405.	356.	346.	320.	271.	213.	169.	123.
Truk-Oxbow	1541.	1002.	575.	366.	316.	304.	280.	235.	170.	140.	80.
Truk-Spice	1514.	975.	548.	339.	290.	278.	253.	209.	143.	113.	54.
Trk-Lockwd	1772.	1210.	773.	490.	468.	433.	411.	382.	321.	249.	162.
Truk-Sbars	1803.	1219.	782.	445.	399.	328.	257.	112.	100.	90.	32.
Truk-Nixon	1803.	1219.	782.	445.	399.	328.	257.	112.	100.	90.	32.
L Trk Hobt	189.	78.	35.	21.	16.	12.	8.	6.	3.	2.	2.

**January  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1091.	824.	393.	269.	217.	146.	76.	75.	53.	0.	0.
Truk-Doner	1373.	1016.	572.	320.	270.	236.	194.	156.	130.	54.	27.
Truk-Boca	1774.	1328.	788.	444.	399.	352.	329.	274.	210.	186.	146.
Stampd Rel	199.	150.	97.	75.	60.	46.	45.	45.	45.	38.	30.
L Truk Ind	185.	134.	65.	54.	40.	30.	27.	21.	14.	10.	10.
Donner Rel	99.	60.	40.	29.	24.	19.	15.	12.	11.	7.	4.
Prossr Rel	170.	94.	65.	55.	43.	35.	30.	24.	18.	14.	9.
Indepn Rel	31.	22.	16.	14.	12.	11.	9.	7.	7.	6.	5.
Trk-Trophy	1816.	1369.	860.	455.	404.	366.	344.	287.	221.	201.	162.
Trk-Maybry	1861.	1407.	911.	461.	393.	360.	328.	271.	215.	189.	148.
Truk-Oxbow	1876.	1415.	917.	451.	356.	324.	286.	240.	172.	147.	110.
Truk-Spice	1849.	1388.	890.	424.	329.	297.	259.	213.	146.	120.	82.
Trk-Lockwd	2123.	1647.	1129.	672.	519.	474.	425.	380.	325.	254.	233.
Truk-Sbars	2156.	1671.	1141.	692.	506.	424.	354.	255.	116.	90.	32.
Truk-Nixon	2156.	1671.	1141.	692.	506.	424.	354.	255.	116.	90.	32.
L Trk Hobt	147.	99.	45.	34.	22.	17.	14.	10.	5.	2.	2.

**February-March  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1382.	760.	276.	205.	111.	75.	61.	50.	1.	0.
Truk-Doner	1751.	1638.	1061.	515.	315.	274.	237.	212.	183.	119.	72.
Truk-Boca	2291.	1900.	1581.	921.	570.	464.	409.	376.	329.	260.	207.
Stampd Rel	366.	312.	202.	146.	119.	100.	82.	58.	45.	45.	41.
L Truk Ind	252.	182.	112.	87.	71.	58.	47.	35.	24.	16.	12.
Donner Rel	102.	77.	57.	46.	36.	31.	24.	20.	16.	11.	4.
Prossr Rel	203.	171.	113.	93.	75.	64.	53.	46.	36.	26.	19.
Indepn Rel	45.	35.	25.	19.	14.	11.	9.	5.	4.	2.	2.
Trk-Trophy	2292.	1921.	1600.	941.	572.	471.	423.	393.	350.	276.	226.
Trk-Maybry	2329.	1948.	1614.	948.	572.	474.	422.	385.	338.	271.	212.
Truk-Oxbow	2332.	1931.	1595.	911.	569.	440.	392.	345.	300.	228.	170.
Truk-Spice	2304.	1903.	1568.	885.	541.	412.	365.	317.	273.	198.	143.
Trk-Lockwd	2583.	2150.	1793.	1106.	759.	642.	558.	508.	449.	350.	283.
Truk-Sbars	2604.	2160.	1792.	1115.	753.	622.	517.	393.	149.	97.	39.
Truk-Nixon	2604.	2160.	1792.	1115.	753.	622.	517.	393.	149.	97.	39.
L Trk Hobt	184.	134.	80.	63.	51.	40.	32.	23.	15.	10.	5.

**February**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1494.	1494.	1112.	263.	208.	119.	75.	63.	50.	1.	0.
Truk-Doner	1723.	1652.	1284.	367.	279.	240.	215.	187.	157.	80.	50.
Truk-Boca	2052.	1853.	1612.	682.	452.	403.	368.	344.	295.	220.	183.
Stampd Rel	233.	150.	127.	104.	96.	72.	50.	45.	45.	45.	36.
L Truk Ind	204.	109.	81.	64.	52.	43.	31.	24.	18.	13.	9.
Donner Rel	101.	76.	43.	35.	31.	25.	21.	19.	15.	11.	9.
Prossr Rel	178.	112.	85.	70.	61.	49.	40.	35.	29.	19.	13.
Indepn Rel	33.	24.	14.	11.	10.	9.	5.	4.	3.	2.	2.
Trk-Trophy	2095.	1884.	1631.	693.	464.	415.	391.	363.	321.	238.	198.
Trk-Maybry	2134.	1927.	1641.	701.	484.	417.	390.	357.	309.	219.	184.
Truk-Oxbow	2138.	1922.	1623.	680.	460.	393.	349.	316.	279.	180.	143.
Truk-Spice	2111.	1895.	1595.	653.	433.	366.	321.	288.	252.	152.	114.
Trk-Lockwd	2403.	2173.	1829.	909.	676.	579.	523.	474.	422.	296.	259.
Truk-Sbars	2455.	2188.	1830.	944.	691.	561.	484.	360.	117.	90.	38.
Truk-Nixon	2455.	2188.	1830.	944.	691.	561.	484.	360.	117.	90.	38.
L Trk Hobt	152.	79.	61.	48.	38.	30.	20.	15.	11.	6.	2.

**March**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1350.	1323.	667.	331.	195.	98.	75.	61.	50.	2.	0.
Truk-Doner	1800.	1479.	998.	668.	370.	307.	268.	236.	204.	176.	120.
Truk-Boca	2539.	1960.	1555.	1056.	728.	537.	475.	421.	387.	306.	277.
Stampd Rel	442.	335.	279.	218.	173.	142.	110.	97.	68.	46.	45.
L Truk Ind	273.	216.	157.	114.	93.	81.	64.	52.	40.	24.	16.
Donner Rel	103.	79.	64.	54.	46.	39.	31.	23.	18.	7.	3.
Prossr Rel	213.	184.	157.	115.	99.	78.	71.	57.	50.	39.	29.
Indepn Rel	51.	43.	31.	26.	22.	17.	14.	11.	5.	2.	2.
Trk-Trophy	2517.	1959.	1582.	1076.	710.	542.	482.	439.	393.	313.	293.
Trk-Maybry	2540.	1957.	1589.	1102.	703.	549.	472.	430.	379.	308.	273.
Truk-Oxbow	2533.	1929.	1563.	1078.	682.	516.	429.	393.	335.	274.	229.
Truk-Spice	2505.	1901.	1536.	1051.	655.	488.	401.	366.	308.	247.	198.
Trk-Lockwd	2770.	2118.	1738.	1277.	855.	702.	603.	544.	477.	416.	328.
Truk-Sbars	2770.	2129.	1742.	1289.	827.	688.	568.	448.	200.	141.	43.
Truk-Nixon	2770.	2129.	1742.	1289.	827.	688.	568.	448.	200.	141.	43.
L Trk Hobt	200.	165.	114.	82.	63.	54.	44.	34.	26.	16.	10.

**April-July**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	975.	555.	437.	403.	300.	184.	92.	75.	70.	70.	4.
Truk-Doner	1812.	1361.	1051.	809.	643.	537.	430.	349.	247.	157.	120.
Truk-Boca	3315.	2430.	1793.	1321.	1049.	875.	753.	627.	546.	507.	470.
Stampd Rel	808.	553.	390.	316.	237.	189.	129.	124.	92.	55.	45.
L Truk Ind	714.	594.	450.	365.	287.	222.	172.	116.	65.	24.	15.
Donner Rel	144.	117.	89.	69.	50.	37.	25.	11.	5.	3.	3.
Prossr Rel	373.	233.	163.	128.	103.	87.	68.	50.	31.	20.	9.
Indepn Rel	99.	83.	64.	53.	43.	36.	28.	20.	12.	8.	4.
Trk-Trophy	3244.	2385.	1750.	1275.	1010.	866.	746.	609.	541.	503.	464.
Trk-Maybry	3201.	2347.	1702.	1230.	967.	825.	696.	560.	494.	458.	420.
Truk-Oxbow	3143.	2285.	1635.	1164.	897.	754.	618.	482.	419.	381.	344.
Truk-Spice	3091.	2244.	1570.	1102.	840.	695.	555.	430.	356.	327.	276.
Trk-Lockwd	3197.	2365.	1693.	1196.	934.	767.	627.	506.	410.	374.	327.
Truk-Sbars	3165.	2328.	1647.	1151.	858.	600.	406.	300.	266.	158.	116.
Truk-Nixon	3165.	2328.	1647.	1151.	858.	600.	406.	300.	266.	158.	116.
L Trk Hobt	556.	466.	343.	276.	210.	171.	125.	81.	39.	9.	4.

**April**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1395.	761.	555.	526.	208.	81.	75.	75.	70.	43.	0.
Truk-Doner	2188.	1534.	1159.	892.	723.	621.	559.	457.	351.	272.	201.
Truk-Boca	3464.	2507.	1765.	1271.	1056.	898.	822.	687.	605.	511.	478.
Stampd Rel	778.	529.	386.	333.	300.	233.	182.	133.	103.	69.	55.
L Truk Ind	418.	363.	297.	277.	239.	214.	188.	165.	121.	76.	64.
Donner Rel	131.	119.	102.	87.	81.	72.	60.	49.	35.	25.	18.
Prossr Rel	284.	186.	132.	110.	99.	88.	72.	56.	38.	7.	5.
Indepn Rel	80.	65.	56.	42.	38.	33.	28.	21.	15.	5.	4.
Trk-Trophy	3447.	2508.	1722.	1241.	1028.	906.	817.	682.	593.	529.	491.
Trk-Maybry	3409.	2500.	1686.	1196.	997.	864.	773.	637.	544.	488.	445.
Truk-Oxbow	3345.	2460.	1623.	1125.	935.	795.	709.	563.	471.	421.	367.
Truk-Spice	3326.	2441.	1604.	1105.	915.	776.	689.	543.	450.	402.	347.
Trk-Lockwd	3478.	2665.	1785.	1219.	1064.	910.	798.	652.	551.	496.	420.
Truk-Sbars	3468.	2656.	1780.	1205.	1024.	833.	593.	490.	356.	200.	124.
Truk-Nixon	3468.	2656.	1780.	1205.	1024.	833.	593.	490.	356.	200.	124.
L Trk Hobt	277.	254.	212.	193.	179.	158.	138.	119.	89.	54.	45.

**May**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	1106.	631.	407.	407.	390.	300.	188.	76.	72.	66.	3.
Truk-Doner	2243.	1546.	1246.	1084.	943.	805.	679.	598.	522.	391.	260.
Truk-Boca	4272.	3405.	2529.	1960.	1702.	1315.	1067.	961.	828.	699.	518.
Stampd Rel	1145.	973.	715.	484.	376.	314.	256.	177.	98.	55.	45.
L Truk Ind	810.	713.	623.	554.	484.	428.	386.	346.	259.	163.	113.
Donner Rel	155.	141.	101.	81.	64.	49.	43.	38.	31.	7.	2.
Prossr Rel	586.	512.	350.	221.	181.	141.	105.	90.	54.	27.	18.
Indepn Rel	105.	91.	77.	65.	58.	52.	46.	40.	27.	16.	8.
Trk-Trophy	4136.	3345.	2552.	1857.	1610.	1246.	1033.	920.	793.	685.	491.
Trk-Maybry	4086.	3299.	2512.	1807.	1559.	1194.	983.	874.	742.	636.	441.
Truk-Oxbow	4024.	3242.	2456.	1744.	1497.	1132.	919.	815.	677.	574.	379.
Truk-Spice	3956.	3175.	2388.	1674.	1429.	1062.	850.	747.	607.	505.	311.
Trk-Lockwd	4032.	3264.	2484.	1763.	1501.	1152.	916.	816.	671.	566.	371.
Truk-Sbars	3992.	3224.	2446.	1714.	1461.	1041.	804.	602.	414.	300.	108.
Truk-Nixon	3992.	3224.	2446.	1714.	1461.	1041.	804.	602.	414.	300.	108.
L Trk Hobt	615.	550.	488.	434.	378.	333.	307.	277.	205.	137.	87.

**June**  
**FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	588.	437.	437.	437.	329.	300.	189.	97.	72.	70.	24.
Truk-Doner	1623.	1293.	1069.	824.	669.	551.	473.	396.	358.	247.	142.
Truk-Boca	2742.	2269.	1914.	1486.	1233.	1022.	898.	818.	679.	575.	517.
Stampd Rel	565.	483.	412.	332.	274.	225.	179.	131.	124.	51.	45.
L Truk Ind	838.	710.	571.	453.	361.	279.	225.	169.	105.	62.	34.
Donner Rel	176.	140.	98.	73.	51.	35.	23.	11.	5.	3.	3.
Prossr Rel	230.	187.	157.	138.	126.	111.	97.	84.	46.	25.	18.
Indepn Rel	120.	103.	82.	65.	54.	45.	36.	27.	19.	8.	4.
Trk-Trophy	2677.	2168.	1884.	1443.	1179.	986.	889.	804.	661.	562.	493.
Trk-Maybry	2624.	2128.	1840.	1394.	1126.	934.	838.	751.	608.	511.	445.
Truk-Oxbow	2543.	2056.	1762.	1315.	1044.	852.	758.	668.	522.	427.	366.
Truk-Spice	2470.	1984.	1690.	1243.	971.	780.	686.	595.	449.	354.	299.
Trk-Lockwd	2550.	2041.	1772.	1318.	1051.	846.	741.	650.	503.	409.	353.
Truk-Sbars	2493.	1979.	1711.	1255.	989.	748.	600.	402.	269.	170.	137.
Truk-Nixon	2493.	1979.	1711.	1255.	989.	748.	600.	402.	269.	170.	137.
L Trk Hobt	649.	561.	446.	360.	285.	221.	177.	129.	83.	34.	21.

**July  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	685.	399.	301.	211.	164.	106.	79.	72.	70.	70.	24.
Truk-Doner	1080.	544.	397.	325.	265.	218.	189.	154.	129.	105.	64.
Truk-Boca	1689.	898.	673.	604.	559.	542.	532.	524.	504.	472.	417.
Stampd Rel	227.	200.	143.	125.	125.	122.	111.	90.	74.	45.	45.
L Truk Ind	348.	195.	129.	95.	62.	45.	25.	20.	16.	11.	9.
Donner Rel	36.	20.	12.	11.	9.	6.	5.	5.	4.	3.	3.
Prossr Rel	138.	96.	70.	62.	52.	46.	37.	26.	23.	11.	10.
Indepn Rel	71.	50.	35.	29.	20.	18.	12.	10.	10.	6.	5.
Trk-Trophy	1659.	856.	663.	601.	555.	532.	522.	519.	496.	465.	413.
Trk-Maybry	1615.	816.	615.	552.	506.	486.	474.	470.	450.	421.	370.
Truk-Oxbow	1545.	750.	538.	474.	428.	408.	397.	397.	377.	345.	300.
Truk-Spice	1476.	682.	469.	404.	360.	340.	327.	327.	310.	275.	238.
Trk-Lockwd	1548.	764.	516.	451.	407.	391.	374.	374.	374.	322.	289.
Truk-Sbars	1467.	690.	355.	300.	300.	300.	264.	200.	150.	120.	118.
Truk-Nixon	1467.	690.	355.	300.	300.	300.	264.	200.	150.	120.	118.
L Trk Hobt	250.	137.	88.	60.	33.	20.	10.	6.	4.	2.	1.

**August-September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	345.	294.	218.	144.	98.	75.	75.	70.	70.	49.	0.
Truk-Doner	366.	313.	240.	171.	144.	126.	113.	103.	94.	67.	32.
Truk-Boca	554.	516.	505.	480.	470.	466.	456.	449.	436.	410.	237.
Stampd Rel	199.	150.	101.	99.	83.	73.	65.	54.	46.	45.	45.
L Truk Ind	51.	42.	31.	24.	21.	18.	16.	14.	12.	10.	9.
Donner Rel	14.	10.	10.	10.	10.	8.	7.	7.	5.	5.	3.
Prossr Rel	162.	126.	75.	45.	45.	36.	25.	13.	11.	10.	8.
Indepn Rel	31.	23.	18.	15.	13.	11.	10.	9.	8.	6.	4.
Trk-Trophy	557.	520.	504.	483.	468.	467.	465.	452.	450.	435.	249.
Trk-Maybry	510.	472.	456.	438.	421.	420.	419.	407.	406.	395.	214.
Truk-Oxbow	429.	396.	382.	365.	344.	342.	336.	330.	320.	317.	153.
Truk-Spice	371.	330.	313.	305.	291.	285.	275.	275.	275.	273.	104.
Trk-Lockwd	428.	396.	363.	363.	346.	339.	330.	330.	325.	324.	156.
Truk-Sbars	303.	300.	300.	300.	287.	284.	268.	262.	202.	110.	94.
Truk-Nixon	303.	300.	300.	300.	287.	284.	268.	262.	202.	110.	94.
L Trk Hobt	22.	13.	8.	6.	5.	4.	3.	3.	2.	0.	0.

**August  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	383.	305.	188.	117.	75.	75.	72.	70.	70.	58.	2.
Truk-Doner	402.	329.	199.	157.	133.	116.	108.	97.	90.	68.	22.
Truk-Boca	602.	531.	510.	506.	500.	479.	470.	467.	460.	436.	287.
Stampd Rel	199.	161.	110.	100.	97.	85.	78.	70.	63.	45.	45.
L Truk Ind	51.	39.	30.	24.	22.	18.	15.	13.	11.	9.	8.
Donner Rel	7.	7.	7.	7.	7.	6.	5.	5.	5.	3.	3.
Prossr Rel	91.	67.	39.	28.	23.	16.	12.	11.	11.	10.	8.
Indepn Rel	23.	21.	18.	16.	13.	10.	9.	8.	7.	5.	3.
Trk-Trophy	602.	532.	506.	504.	502.	482.	469.	468.	467.	450.	294.
Trk-Maybry	554.	484.	457.	456.	454.	436.	421.	419.	418.	405.	257.
Truk-Oxbow	476.	407.	382.	382.	382.	369.	344.	344.	344.	334.	199.
Truk-Spice	407.	338.	313.	313.	313.	300.	275.	275.	275.	273.	143.
Trk-Lockwd	457.	401.	363.	363.	363.	360.	325.	325.	325.	323.	196.
Truk-Sbars	300.	300.	300.	300.	277.	262.	262.	262.	201.	122.	110.
Truk-Nixon	300.	300.	300.	300.	277.	262.	262.	262.	201.	122.	110.
L Trk Hobt	29.	15.	9.	7.	5.	4.	3.	3.	2.	0.	0.

**September  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	336.	284.	234.	180.	124.	88.	75.	72.	70.	26.	0.
Truk-Doner	352.	307.	256.	213.	155.	137.	121.	109.	97.	61.	35.
Truk-Boca	533.	484.	469.	465.	454.	450.	446.	435.	425.	376.	187.
Stampd Rel	221.	125.	100.	80.	65.	57.	52.	47.	45.	45.	45.
L Truk Ind	52.	44.	34.	24.	21.	19.	16.	15.	13.	12.	10.
Donner Rel	29.	10.	10.	10.	10.	10.	10.	10.	10.	10.	9.
Prossr Rel	169.	158.	114.	83.	45.	45.	45.	45.	32.	11.	8.
Indepn Rel	38.	29.	18.	15.	13.	12.	11.	10.	10.	8.	7.
Trk-Trophy	537.	485.	467.	465.	464.	452.	451.	450.	449.	402.	195.
Trk-Maybry	492.	443.	422.	421.	420.	408.	406.	406.	404.	366.	162.
Truk-Oxbow	406.	362.	337.	336.	336.	323.	320.	320.	320.	291.	97.
Truk-Spice	361.	318.	292.	291.	291.	275.	275.	275.	275.	252.	62.
Trk-Lockwd	416.	391.	347.	346.	346.	330.	330.	330.	330.	306.	115.
Truk-Sbars	305.	300.	300.	300.	289.	284.	284.	284.	228.	104.	70.
Truk-Nixon	305.	300.	300.	300.	289.	284.	284.	284.	228.	104.	70.
L Trk Hobt	20.	13.	6.	5.	5.	4.	3.	3.	2.	1.	0.

**Annual  
FLOW EXCEEDENCE PROBABILITY TABLE**

Reach	Exceedence Probability in %										
	5	10	20	30	40	50	60	70	80	90	95
Tahoe Rele	678.	551.	401.	282.	203.	178.	150.	126.	87.	39.	6.
Truk-Doner	1026.	901.	672.	492.	376.	333.	296.	271.	262.	220.	98.
Truk-Boca	1658.	1450.	1116.	887.	716.	628.	564.	531.	490.	421.	340.
Stampd Rel	292.	253.	220.	181.	159.	144.	138.	127.	107.	80.	75.
L Truk Ind	234.	210.	184.	151.	133.	114.	94.	83.	68.	46.	38.
Donner Rel	62.	59.	53.	46.	37.	34.	31.	26.	23.	17.	15.
Prossr Rel	159.	135.	121.	103.	92.	79.	72.	63.	54.	41.	36.
Indepn Rel	41.	36.	32.	28.	25.	22.	18.	16.	15.	12.	10.
Trk-Trophy	1651.	1448.	1116.	881.	705.	626.	565.	529.	495.	419.	348.
Trk-Maybry	1640.	1430.	1095.	858.	679.	598.	534.	496.	462.	388.	318.
Truk-Oxbow	1600.	1384.	1045.	808.	626.	544.	476.	437.	400.	331.	264.
Truk-Spice	1557.	1341.	1002.	765.	583.	501.	433.	394.	357.	290.	223.
Trk-Lockwd	1709.	1480.	1133.	900.	705.	621.	548.	498.	454.	392.	313.
Truk-Sbars	1691.	1452.	1109.	870.	657.	566.	453.	370.	240.	162.	122.
Truk-Nixon	1691.	1452.	1109.	870.	657.	566.	453.	370.	240.	162.	122.
L Trk Hobt	172.	151.	132.	109.	96.	82.	68.	58.	48.	31.	23.

# **Exhibit 11**

## **Truckee River Operations Model**

### **Monthly and Seasonal Flow Exceedence Frequency**

#### **Plots for Current Conditions and Alternatives**

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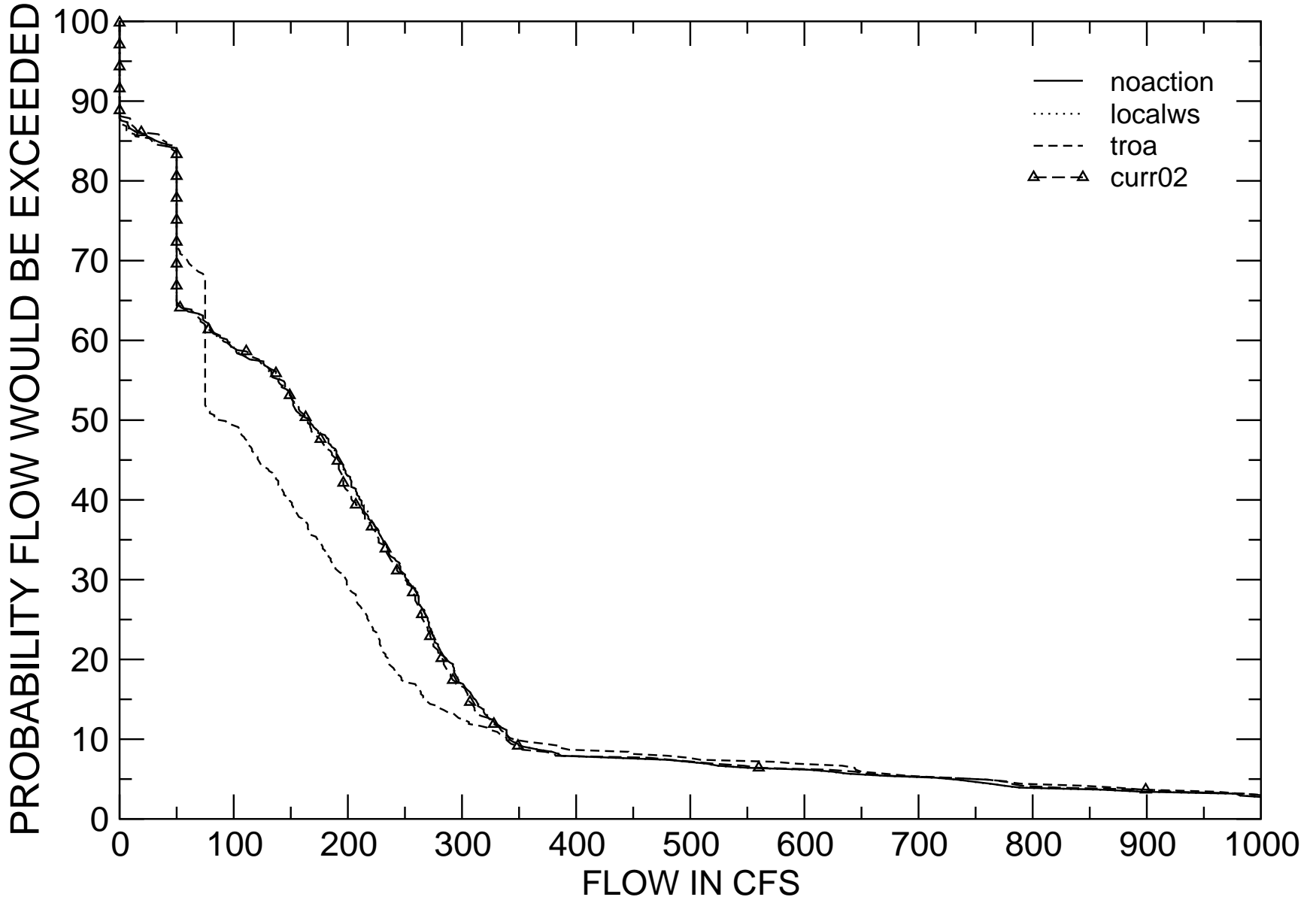
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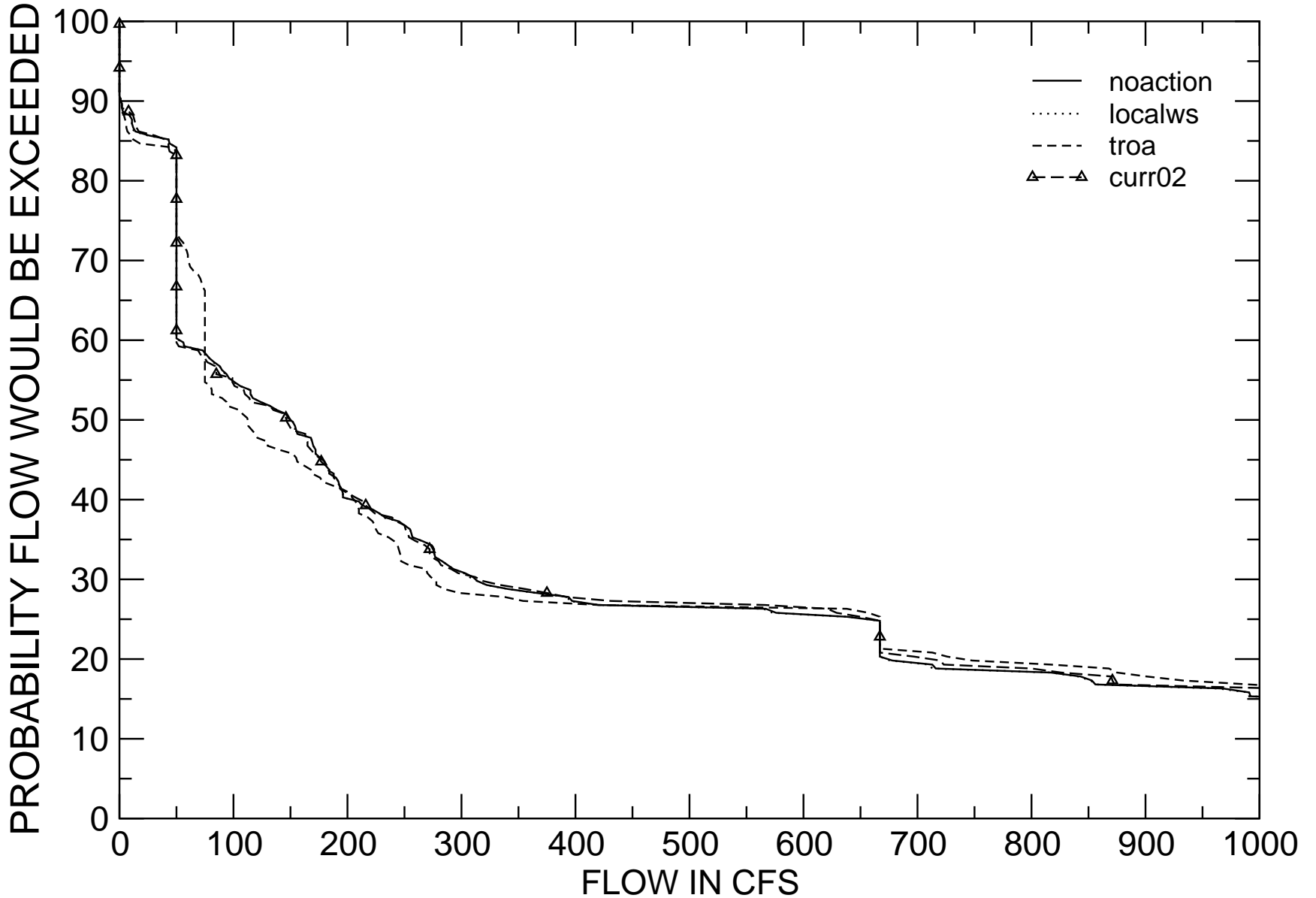


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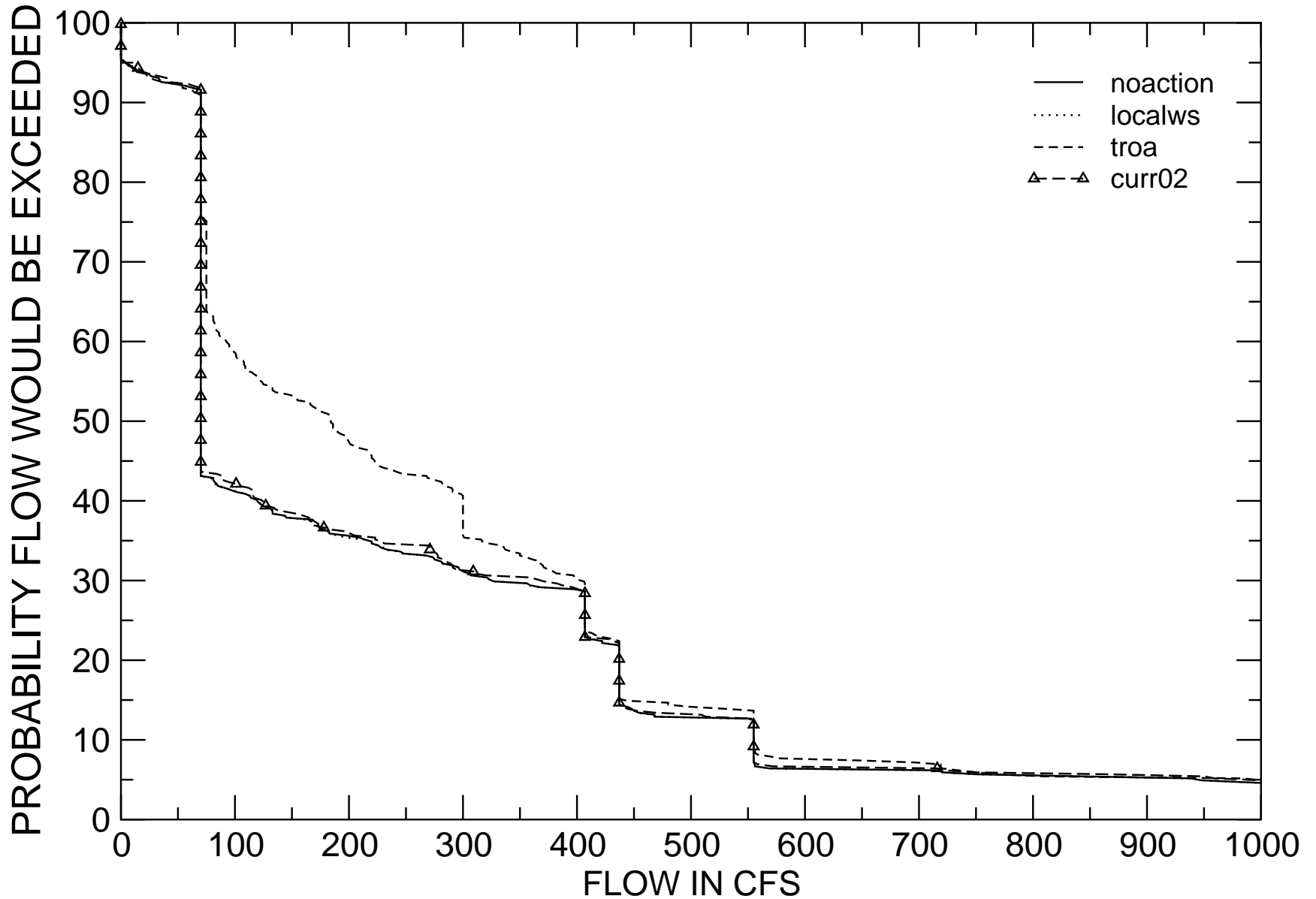
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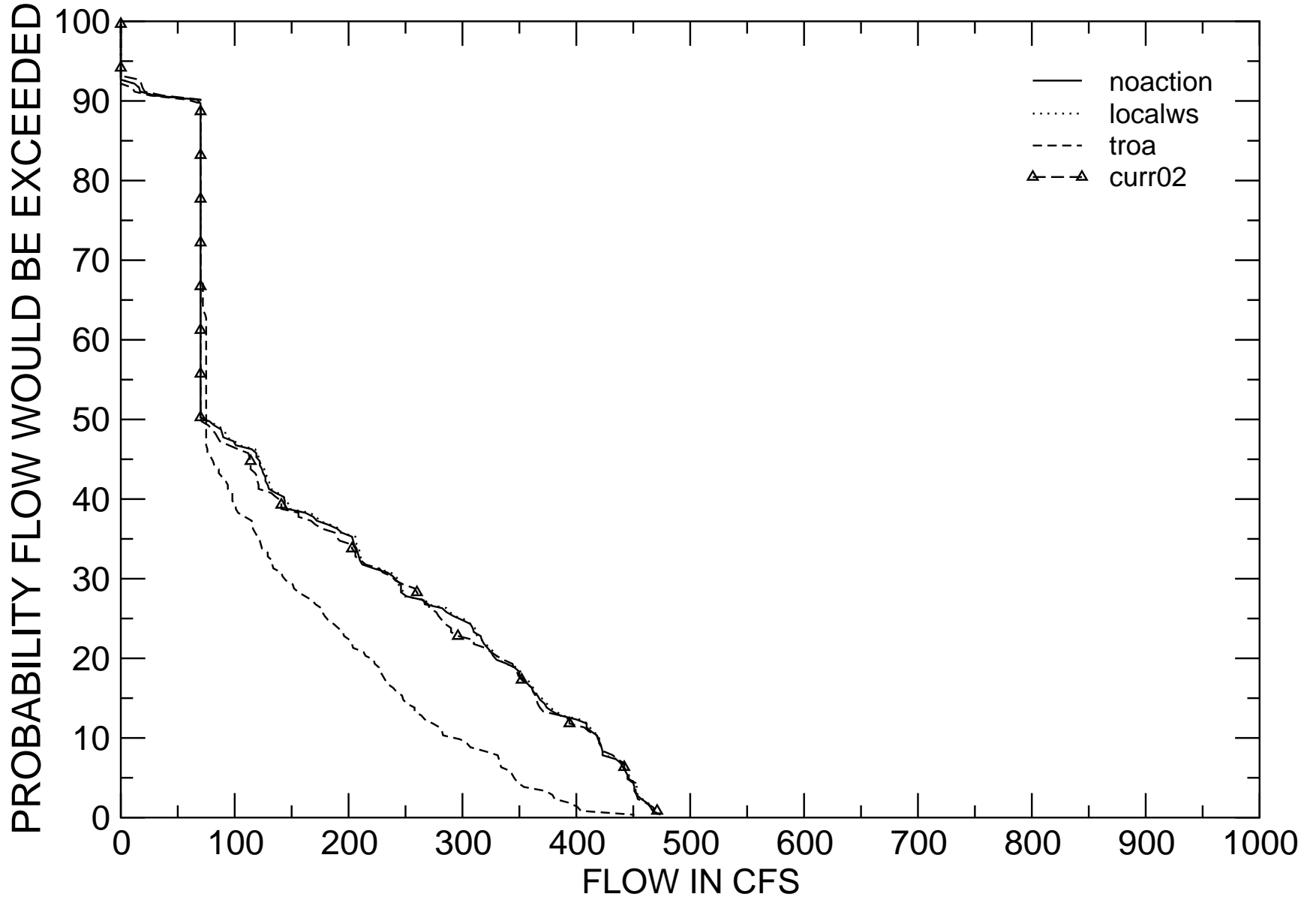


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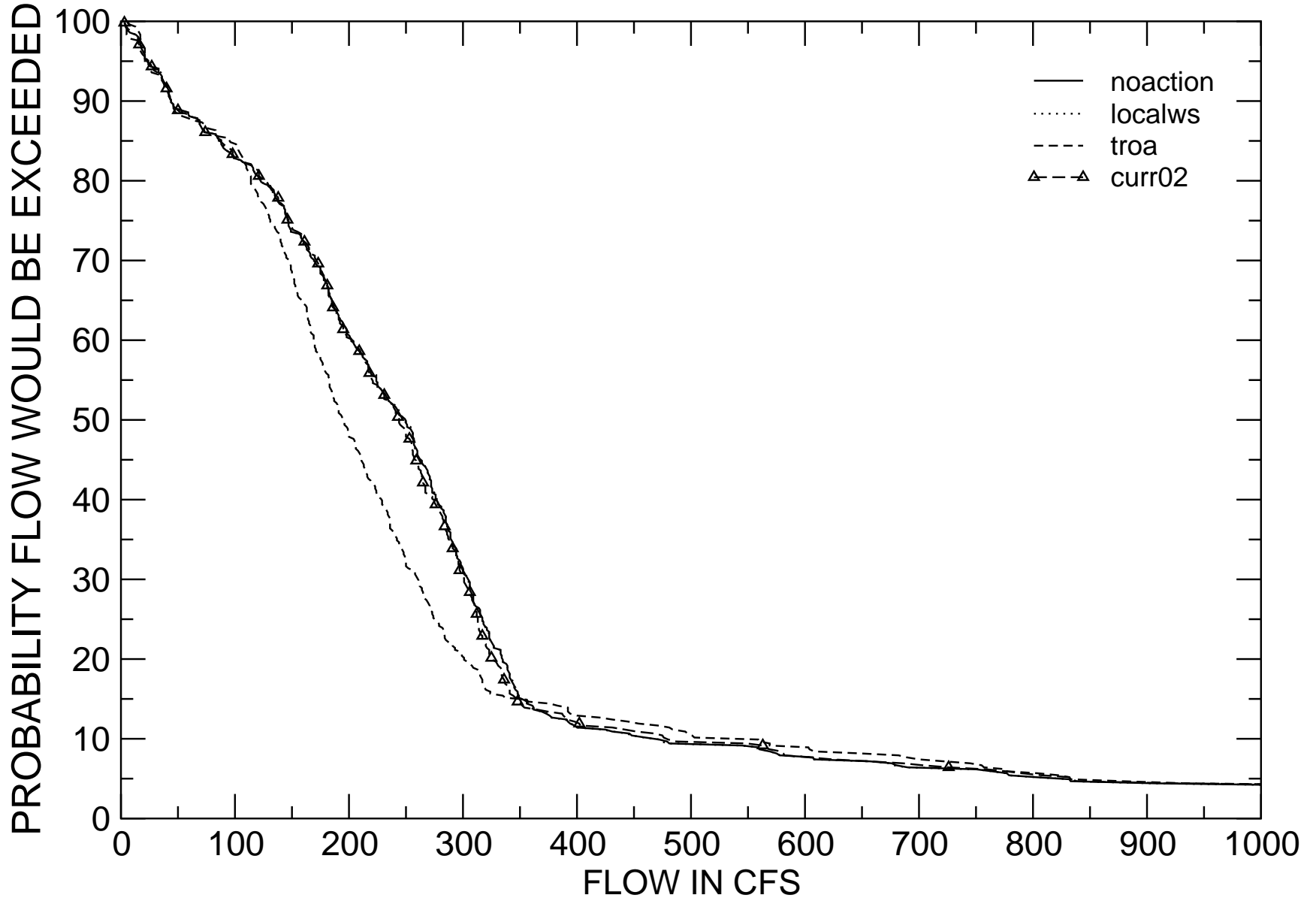


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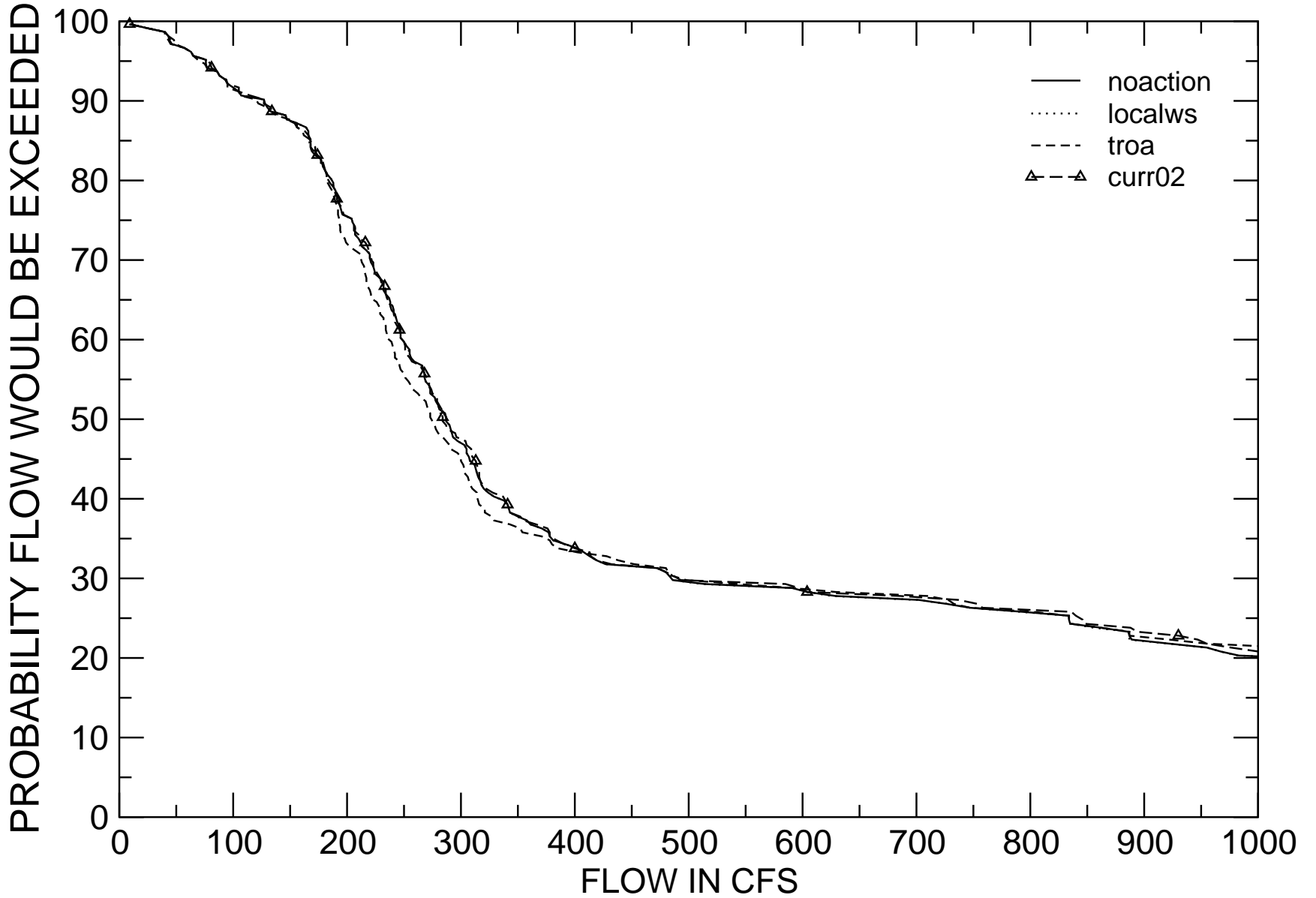
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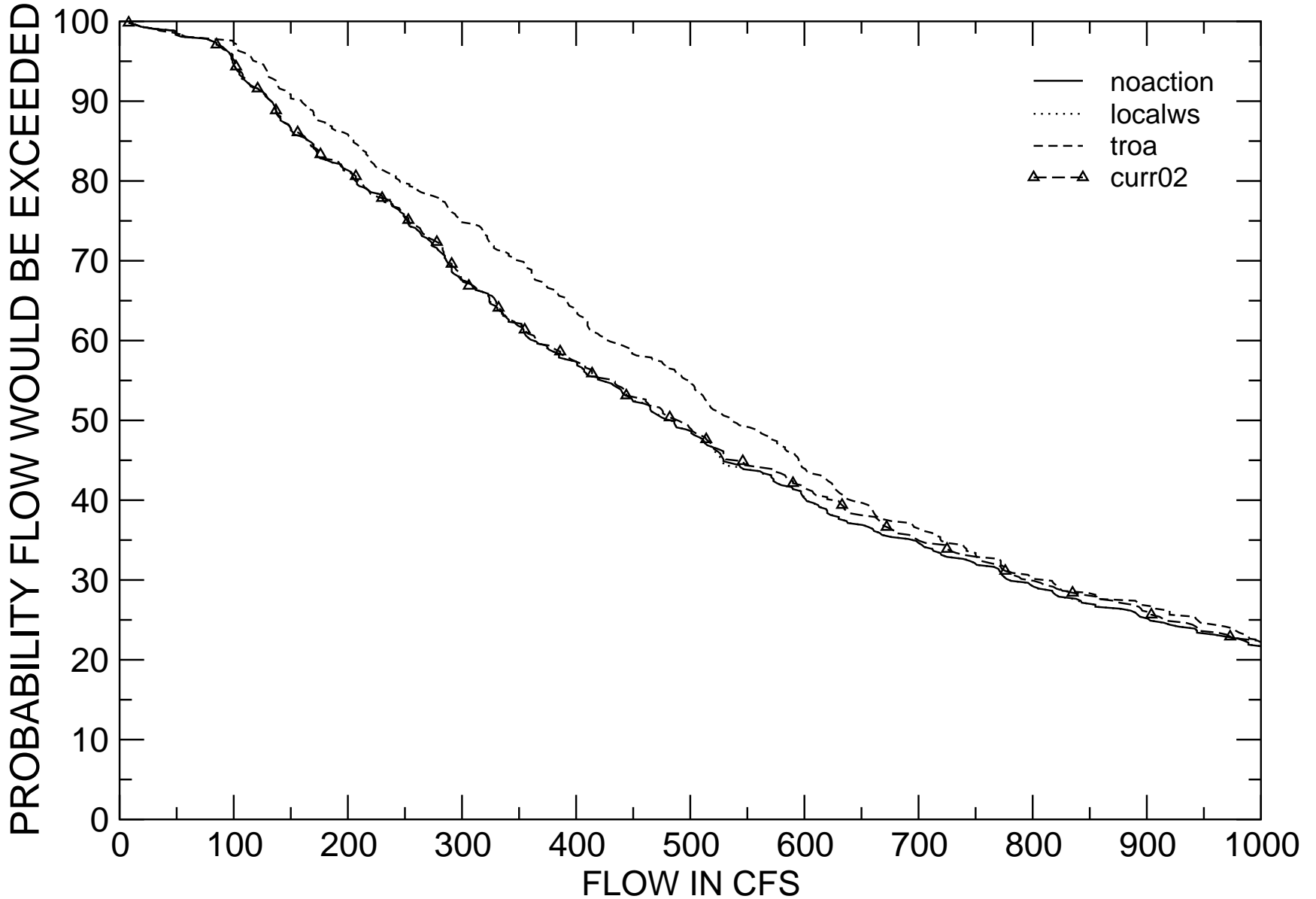
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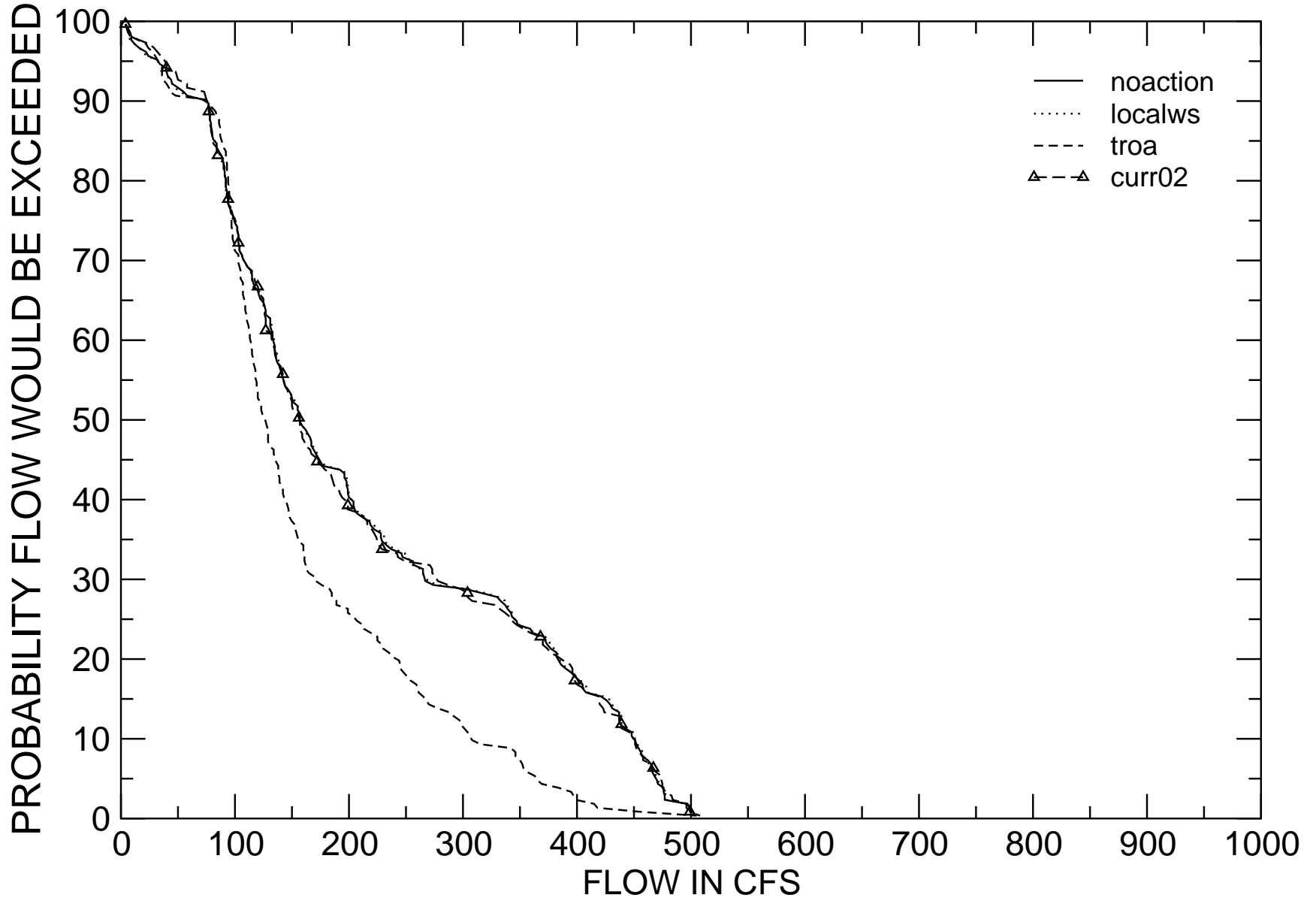
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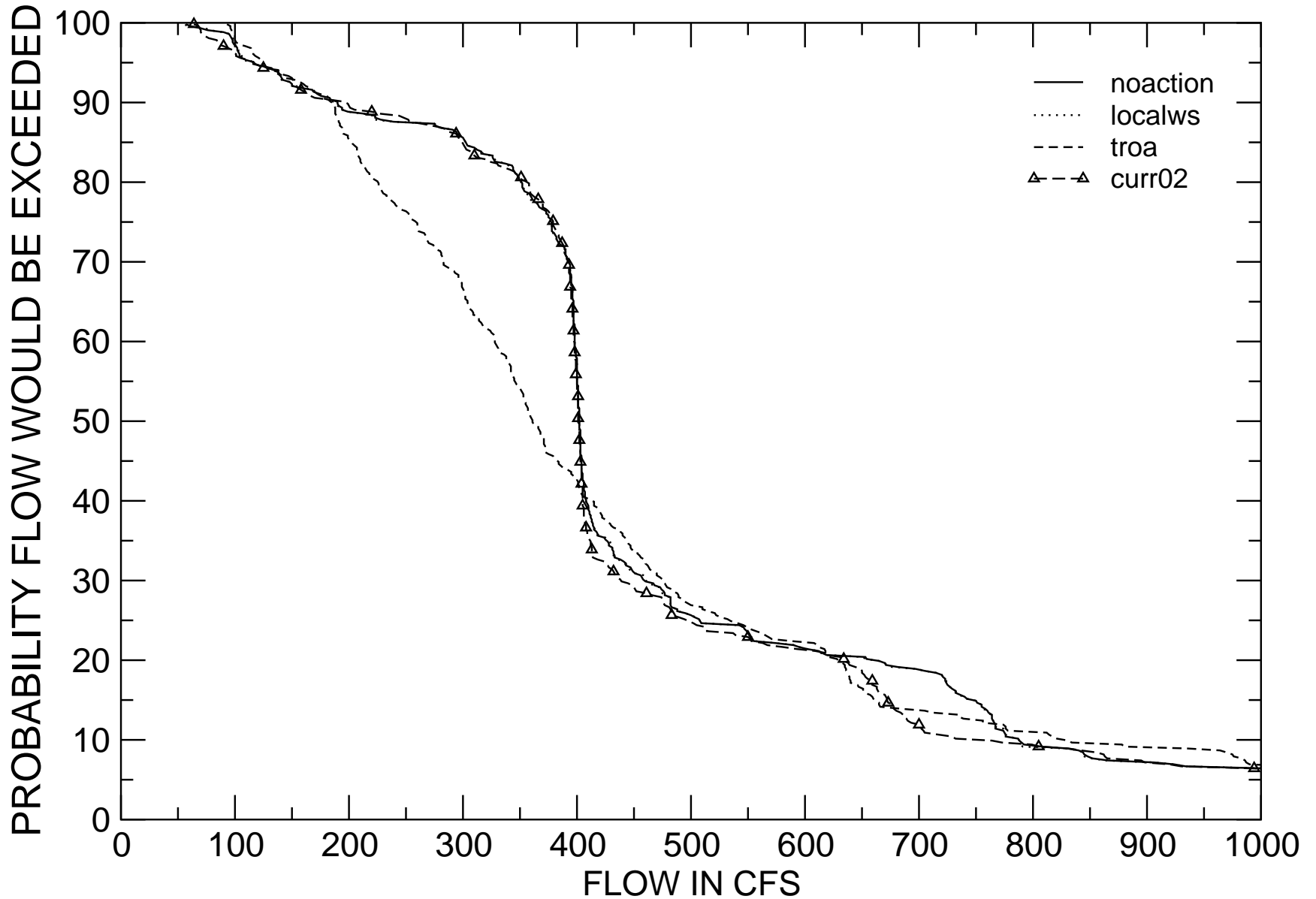


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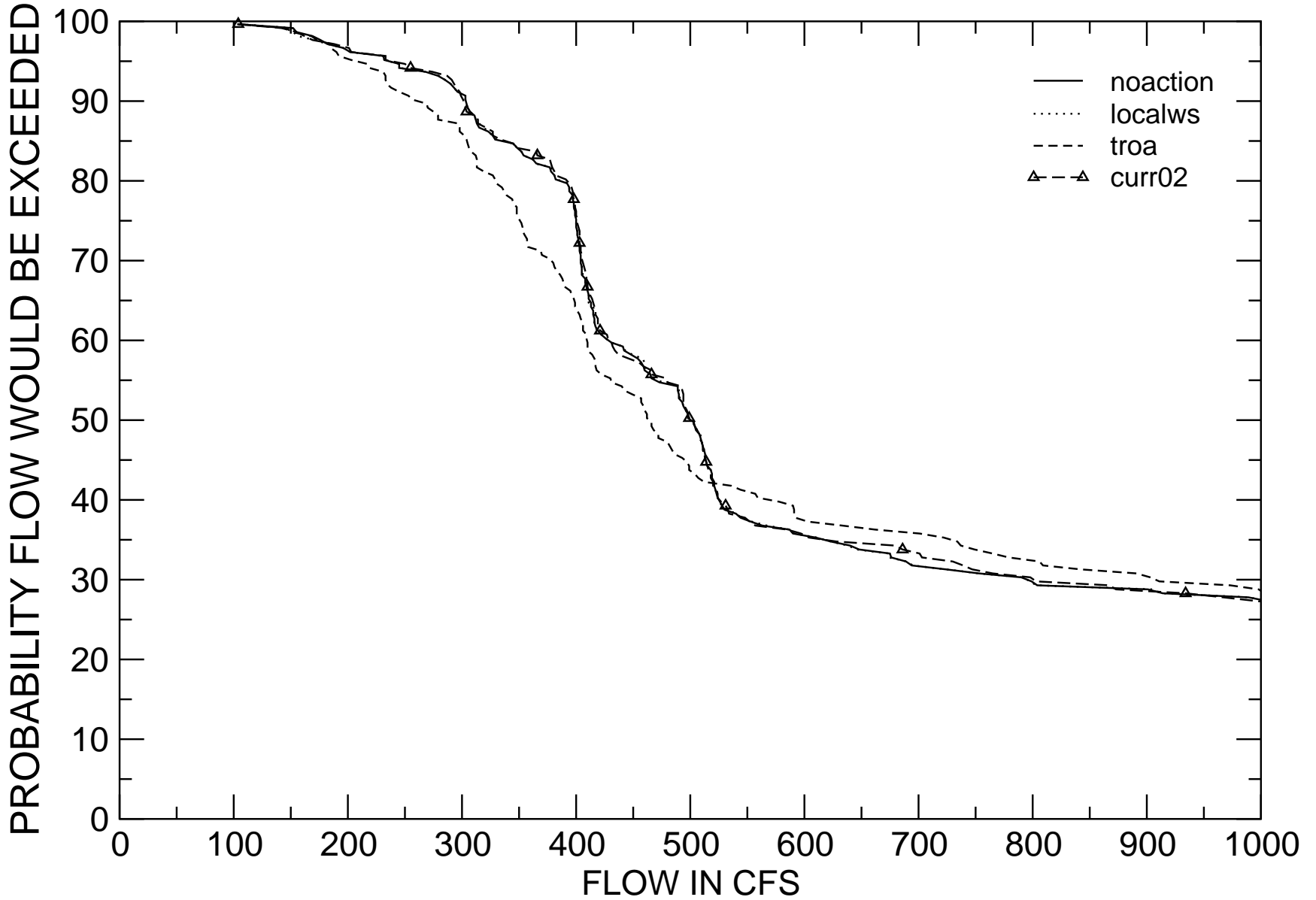




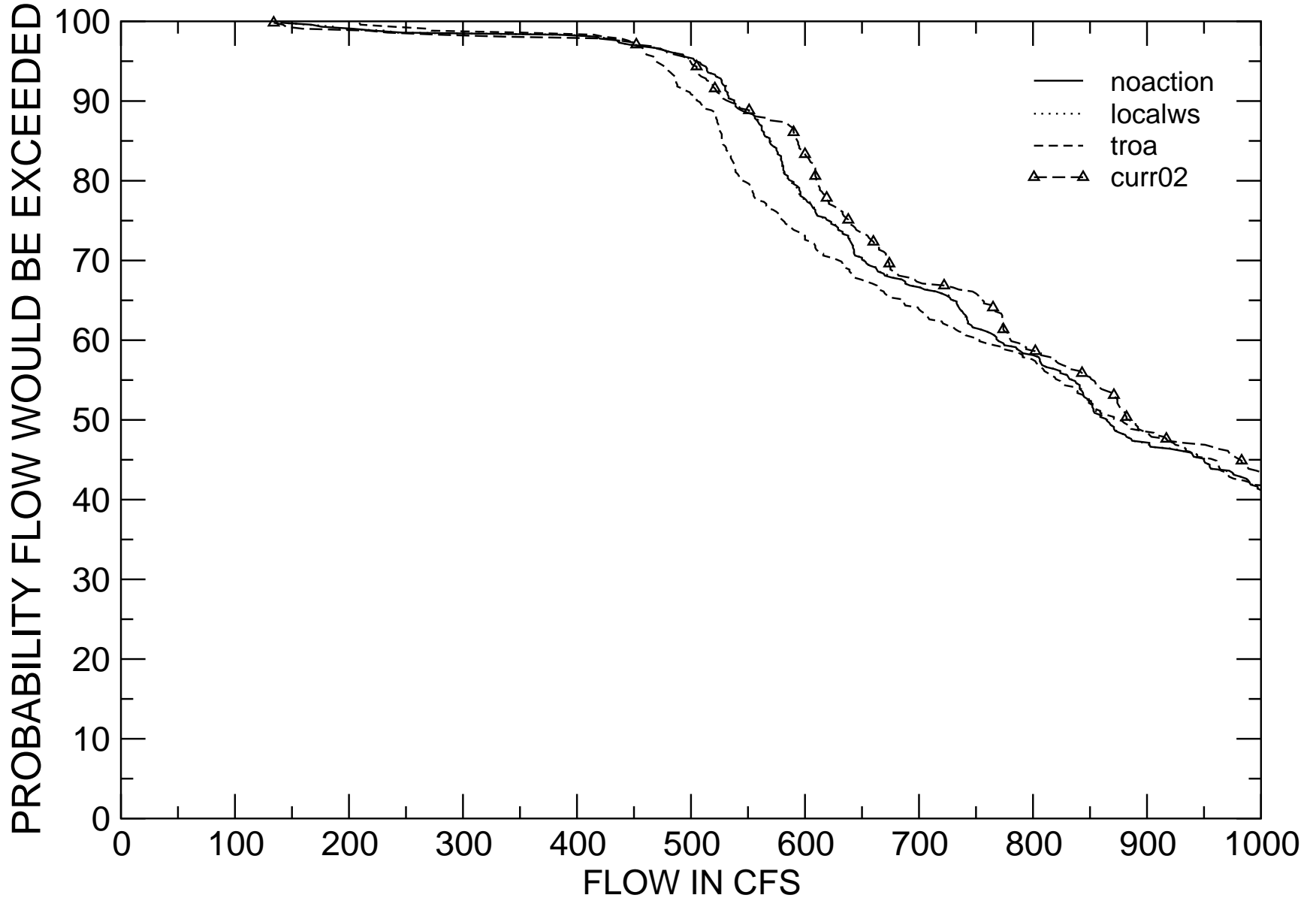
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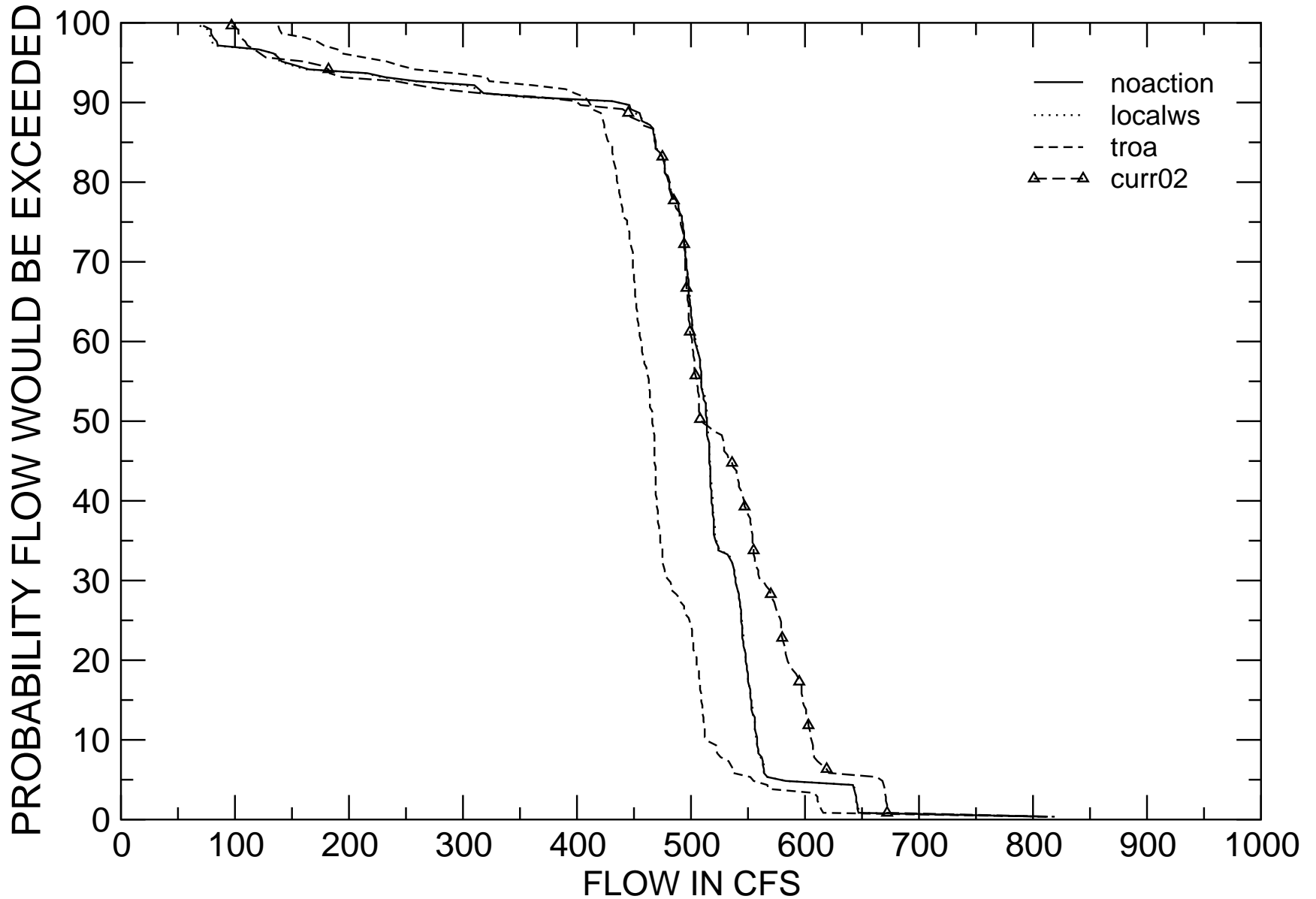
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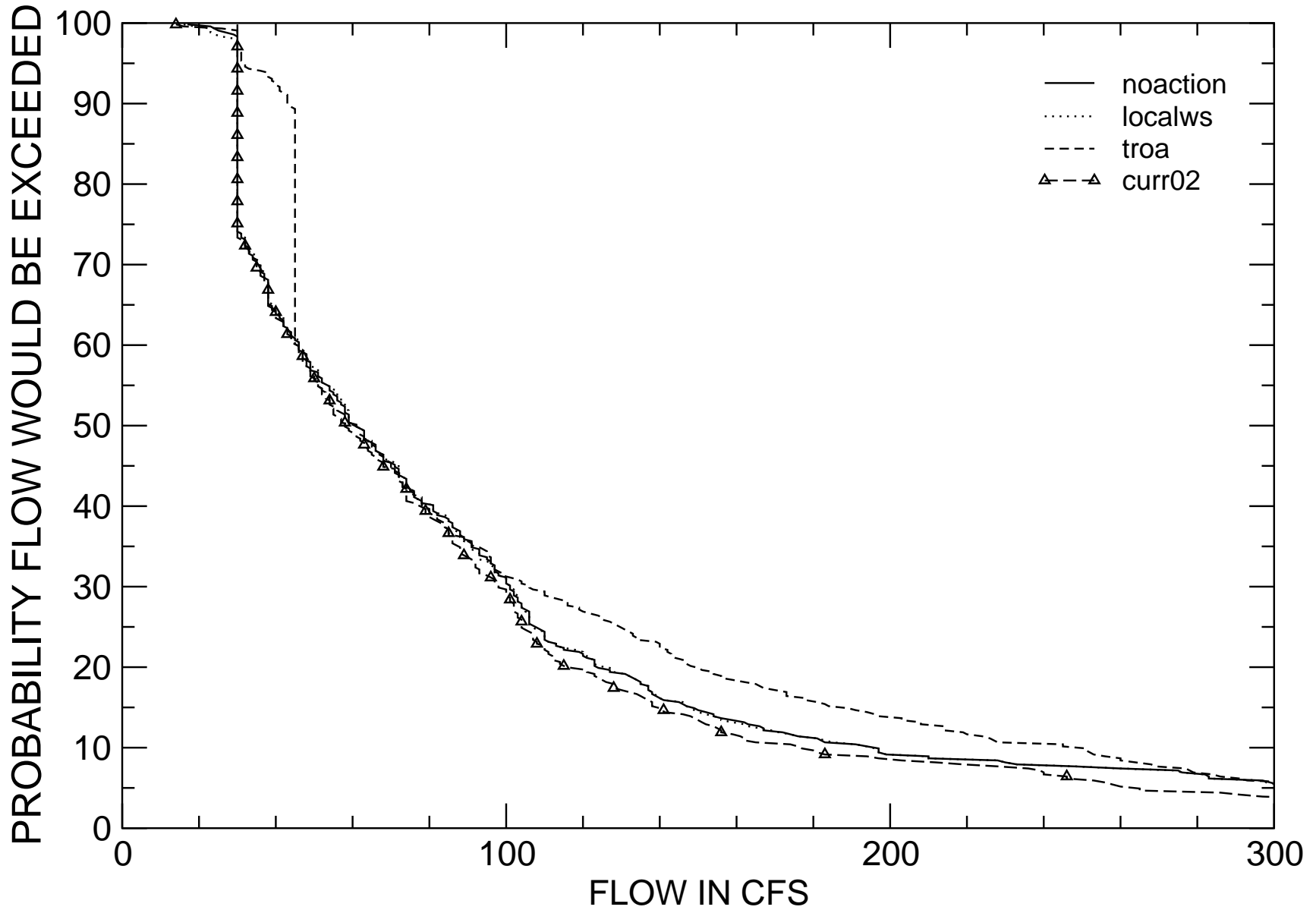


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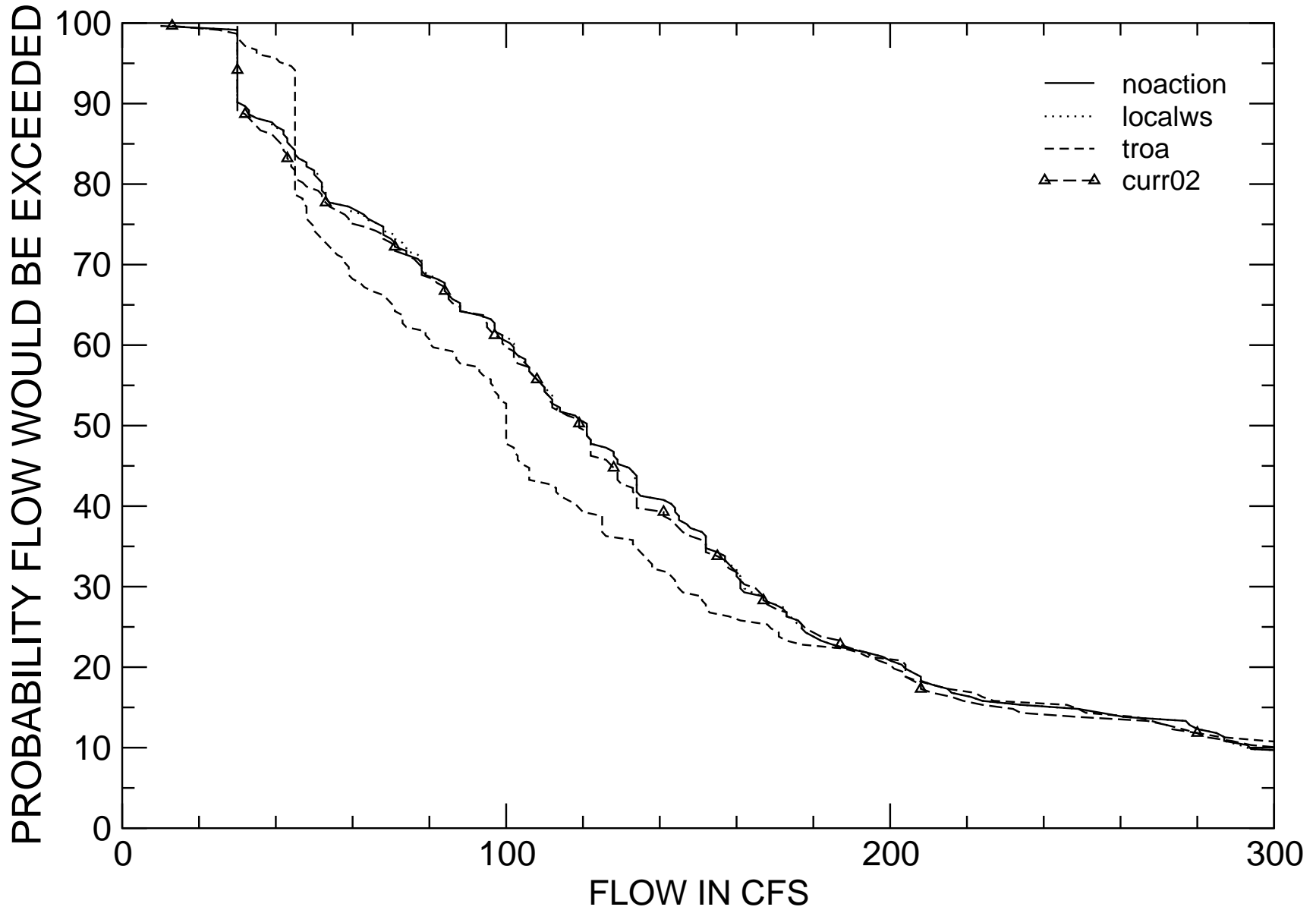


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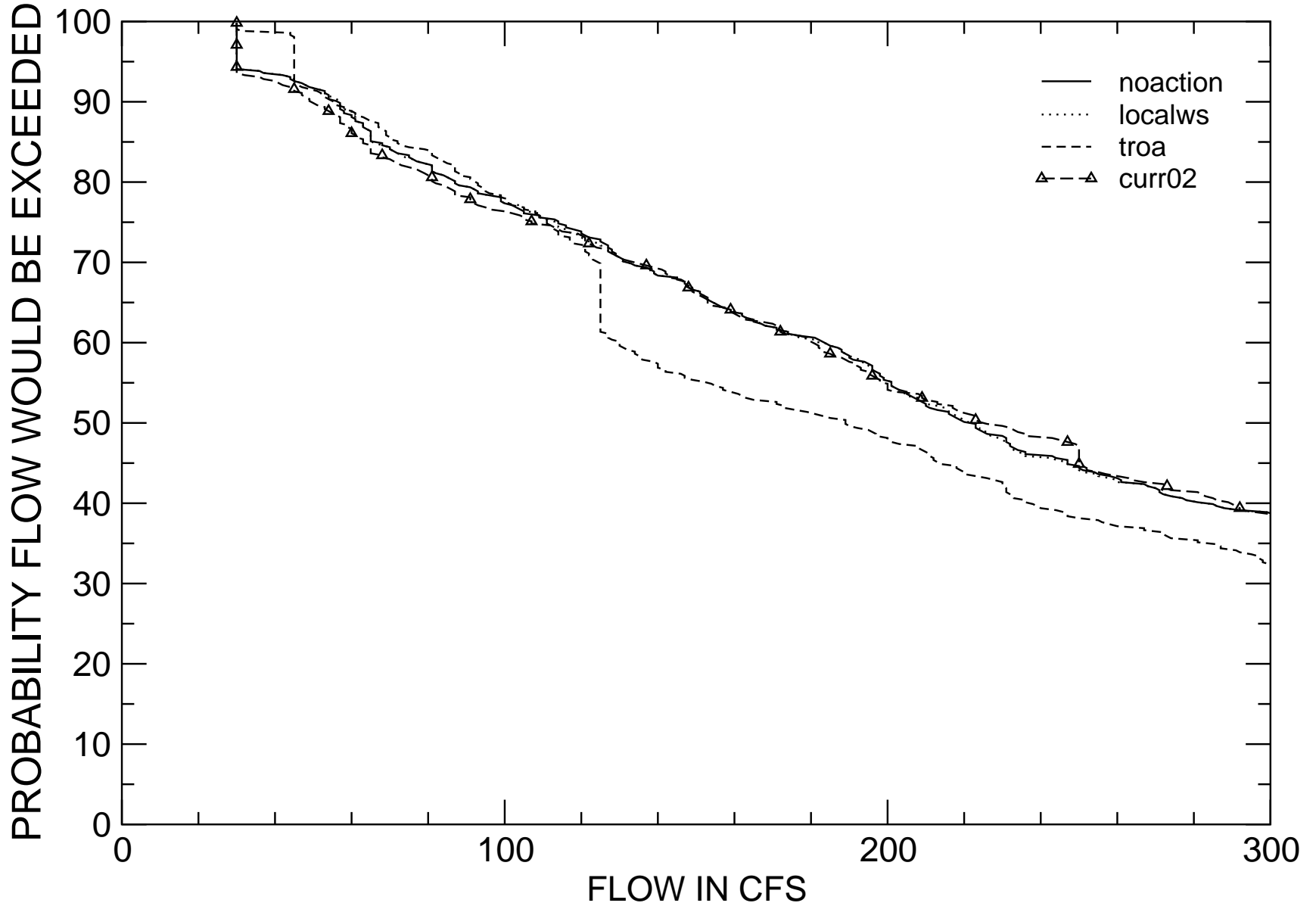
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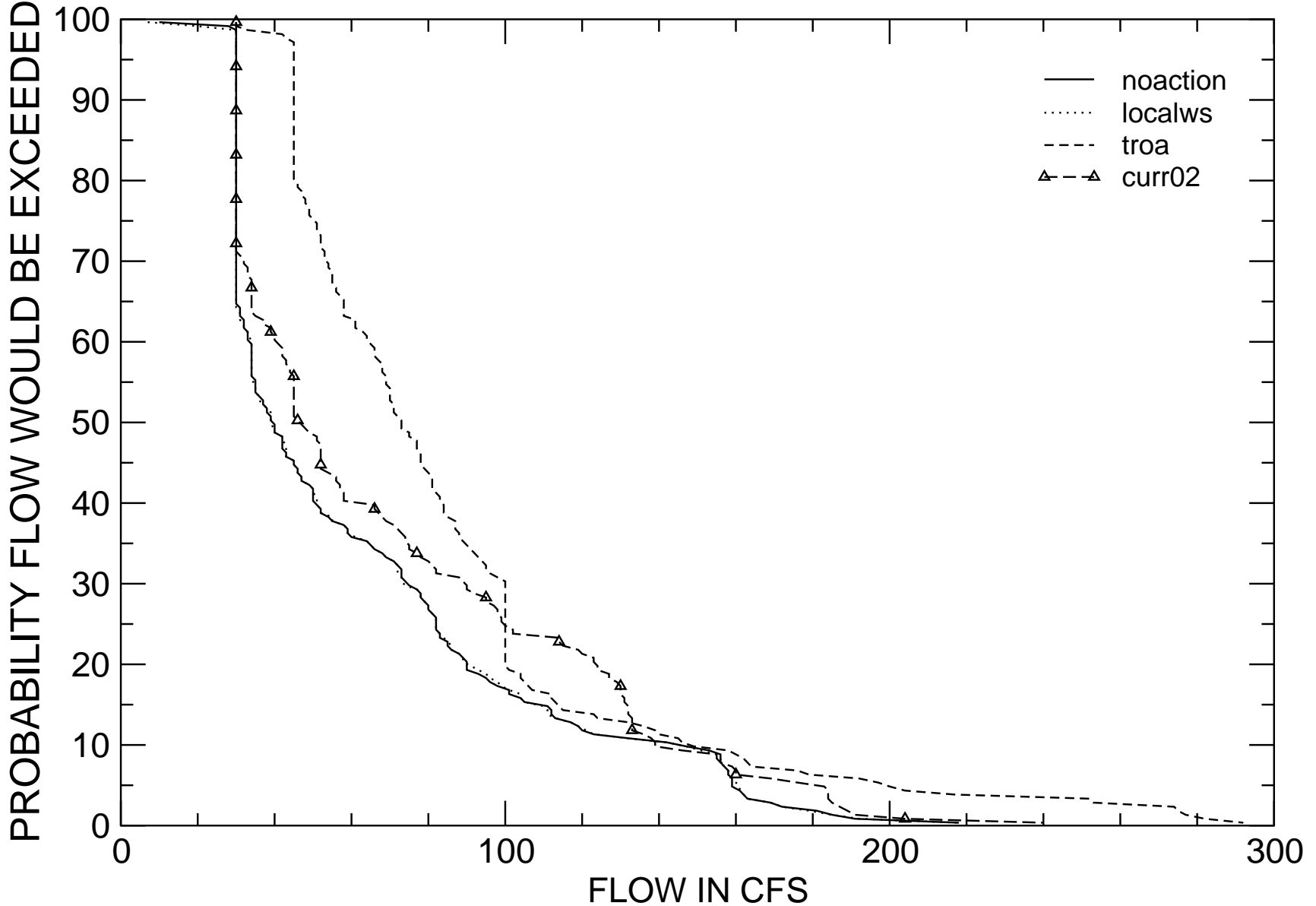


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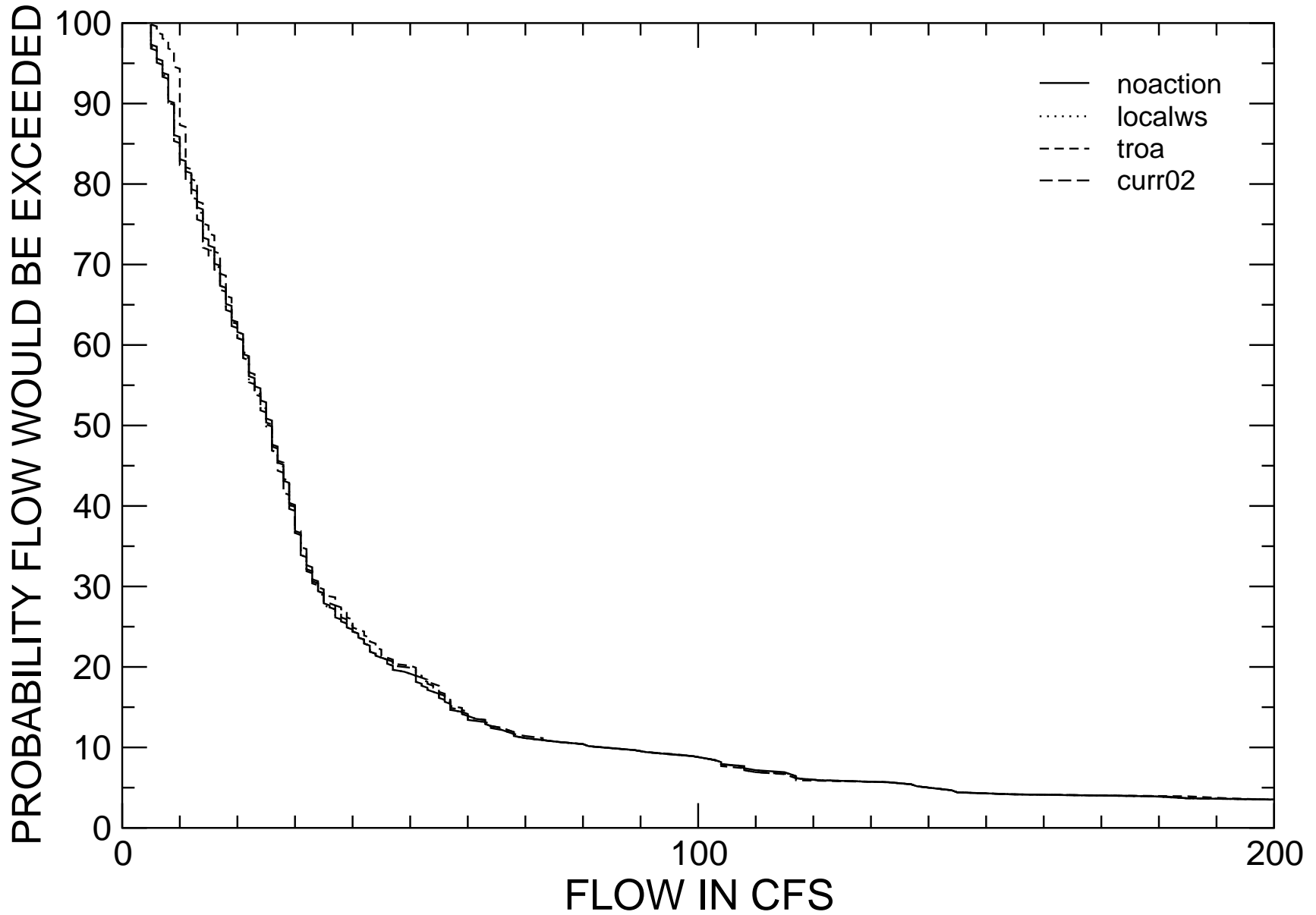
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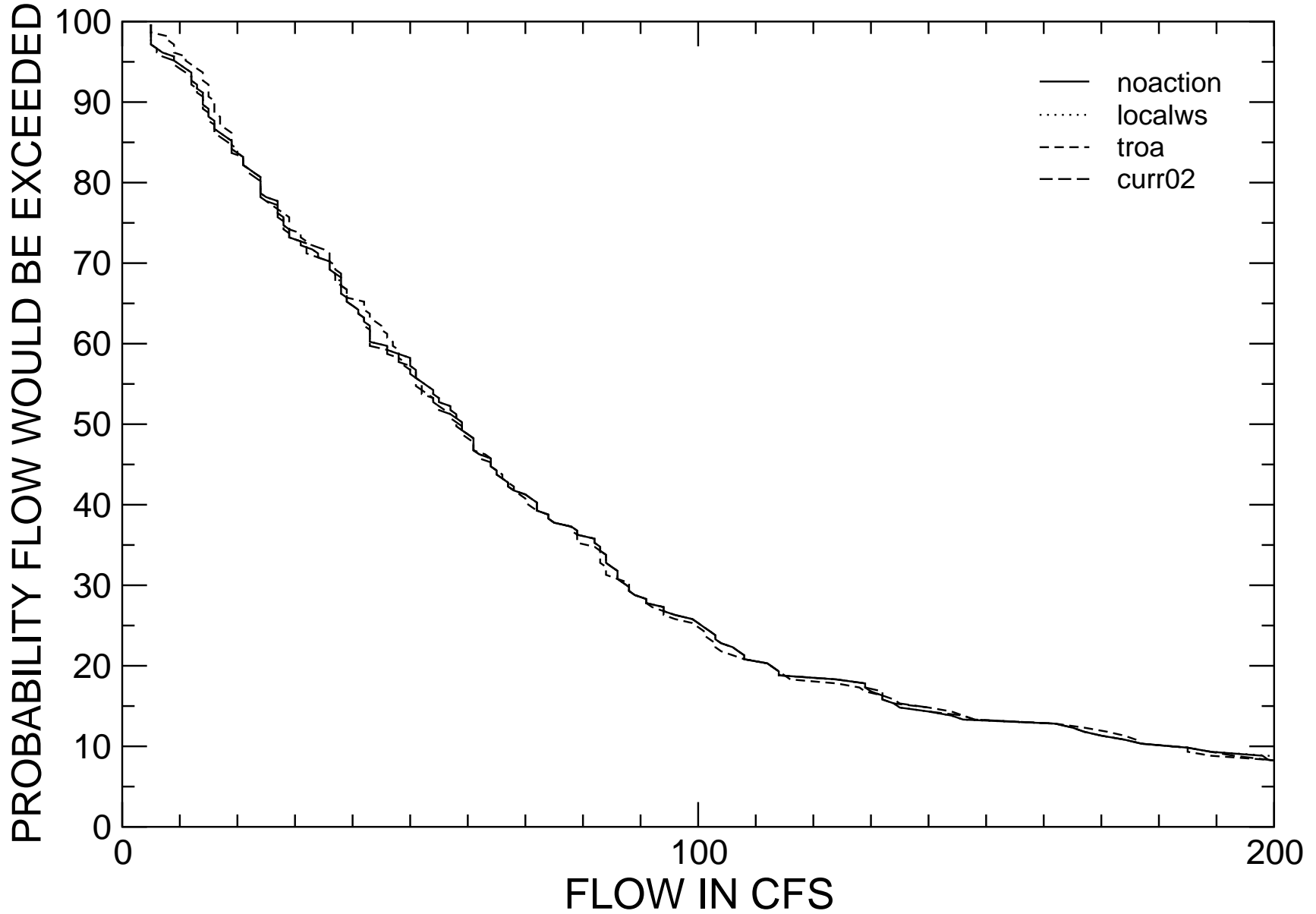




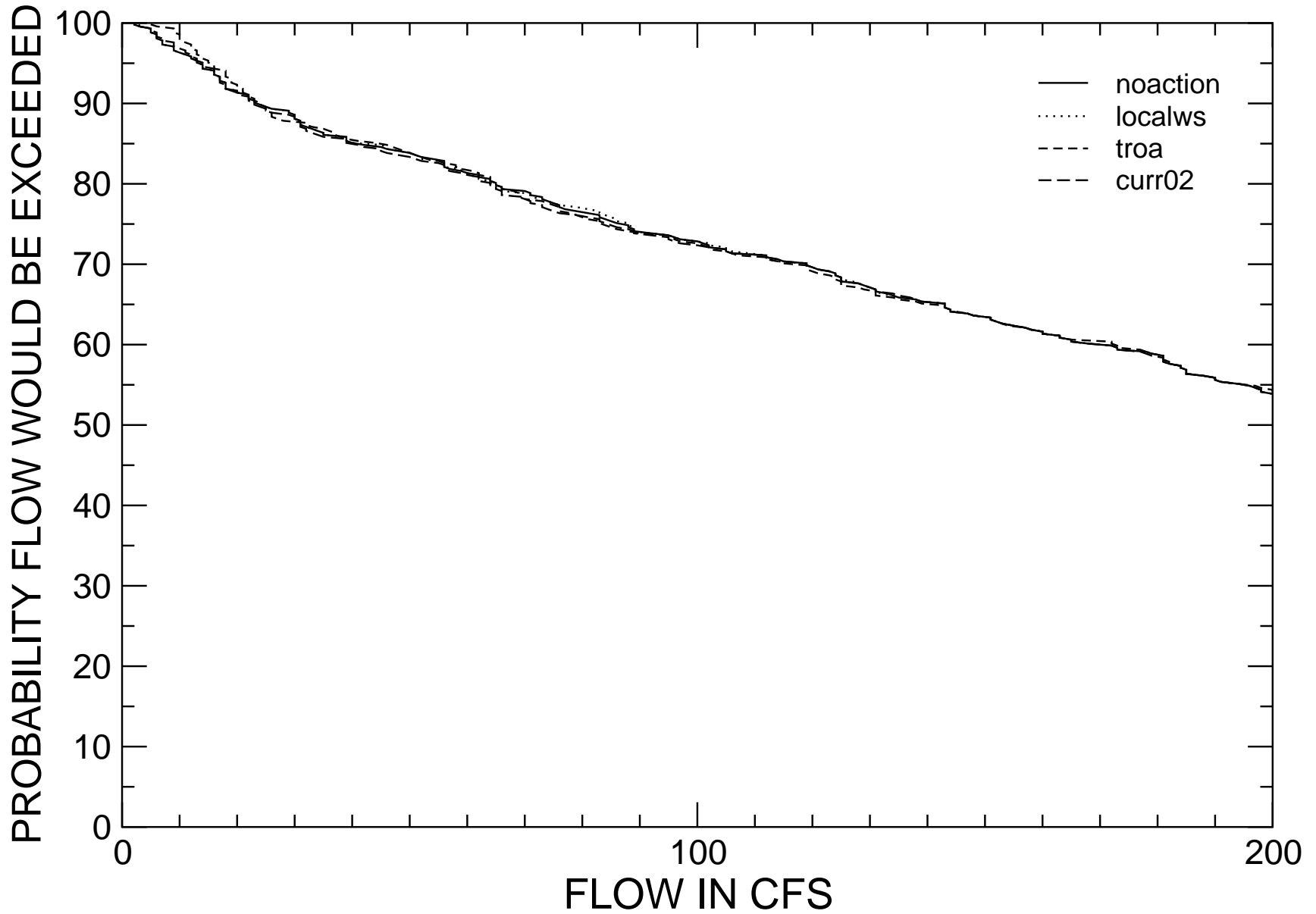
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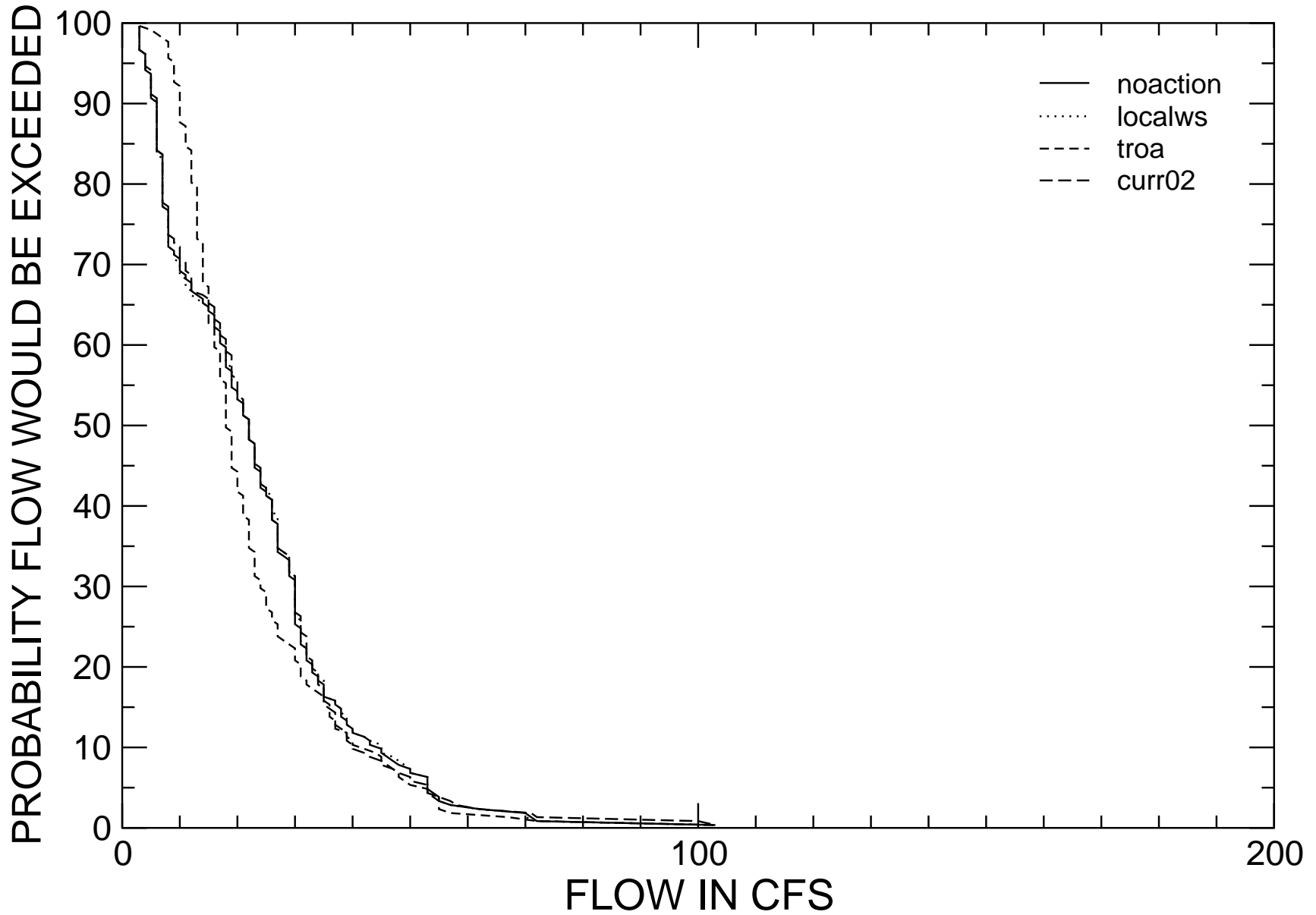
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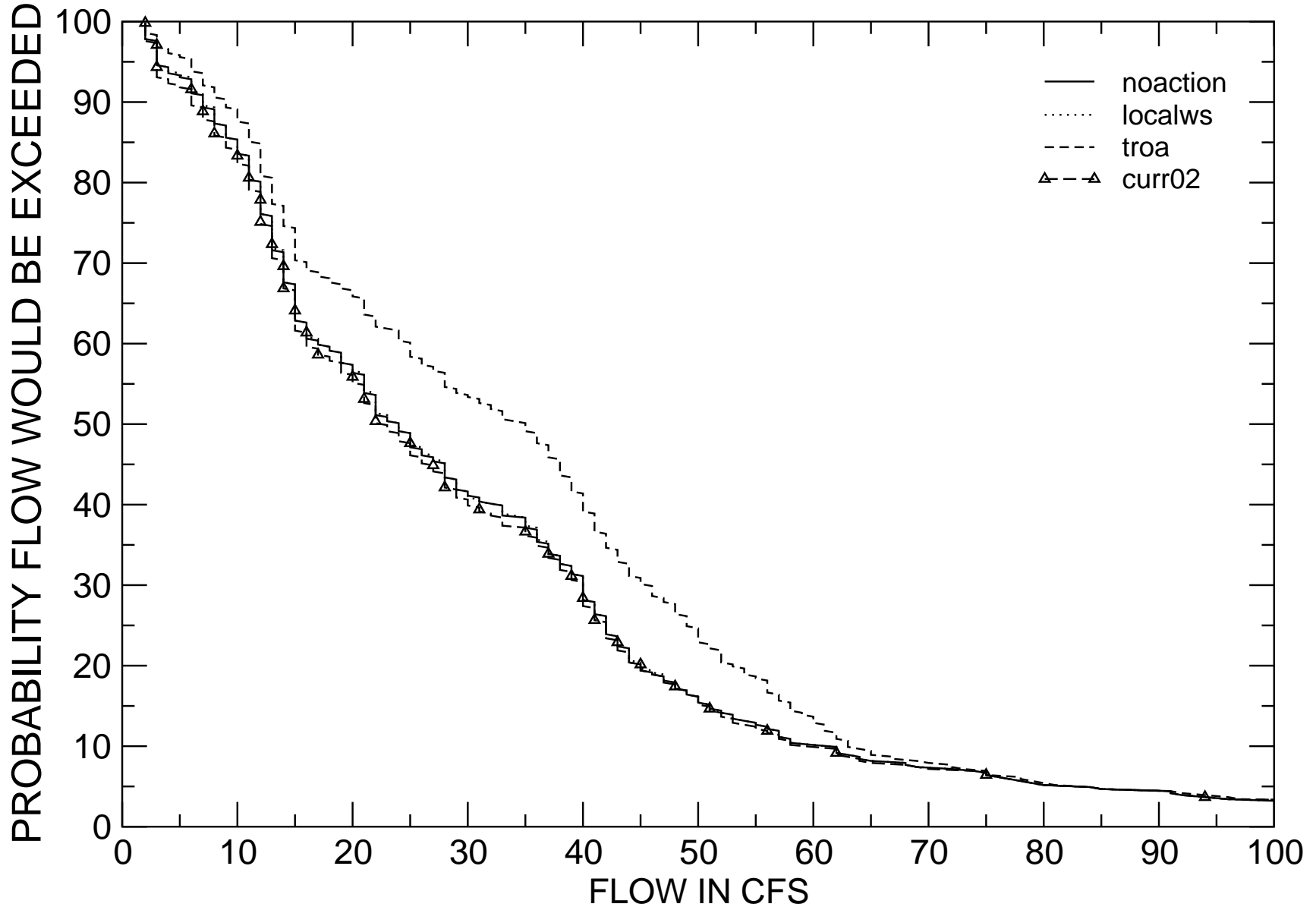


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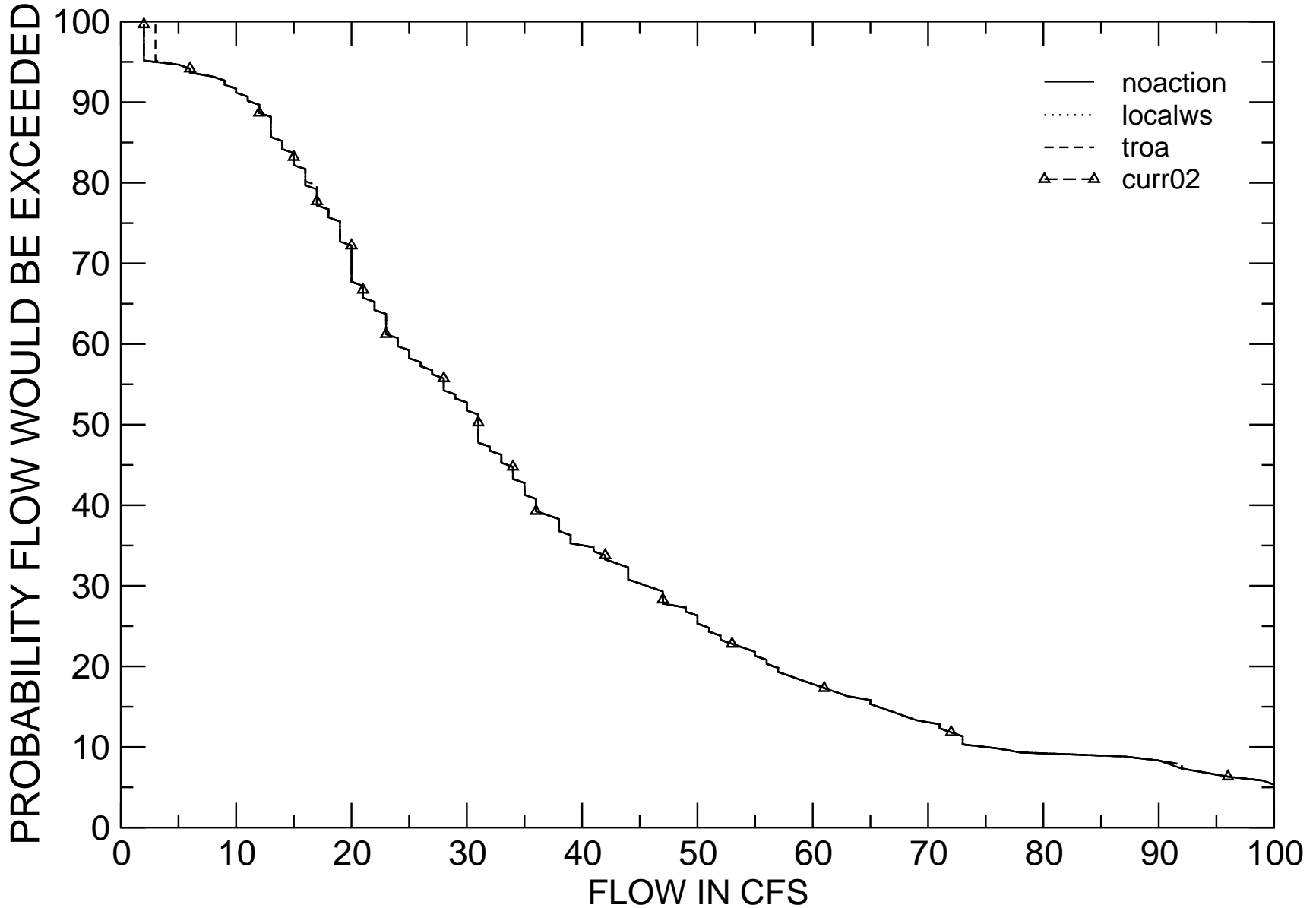


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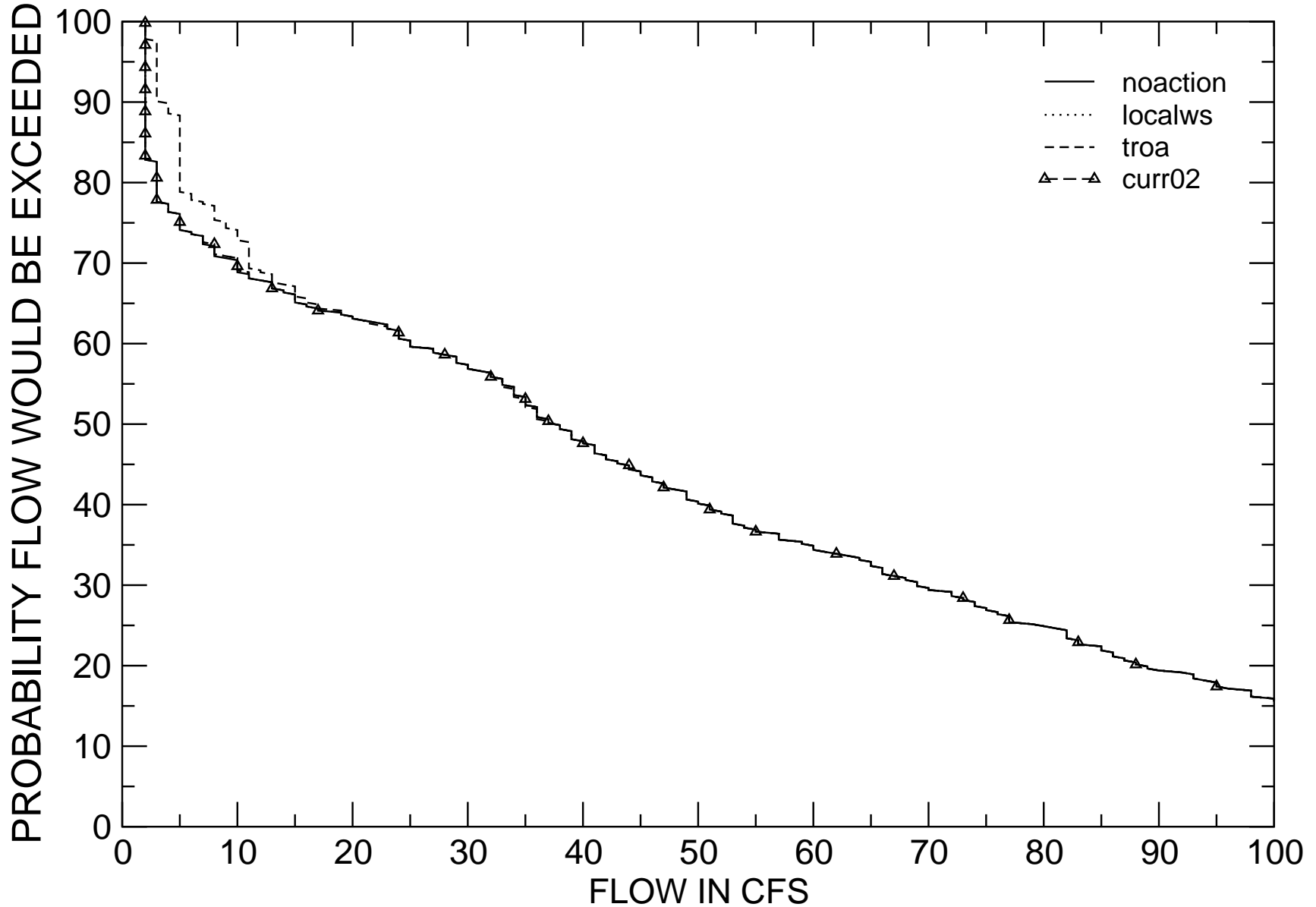
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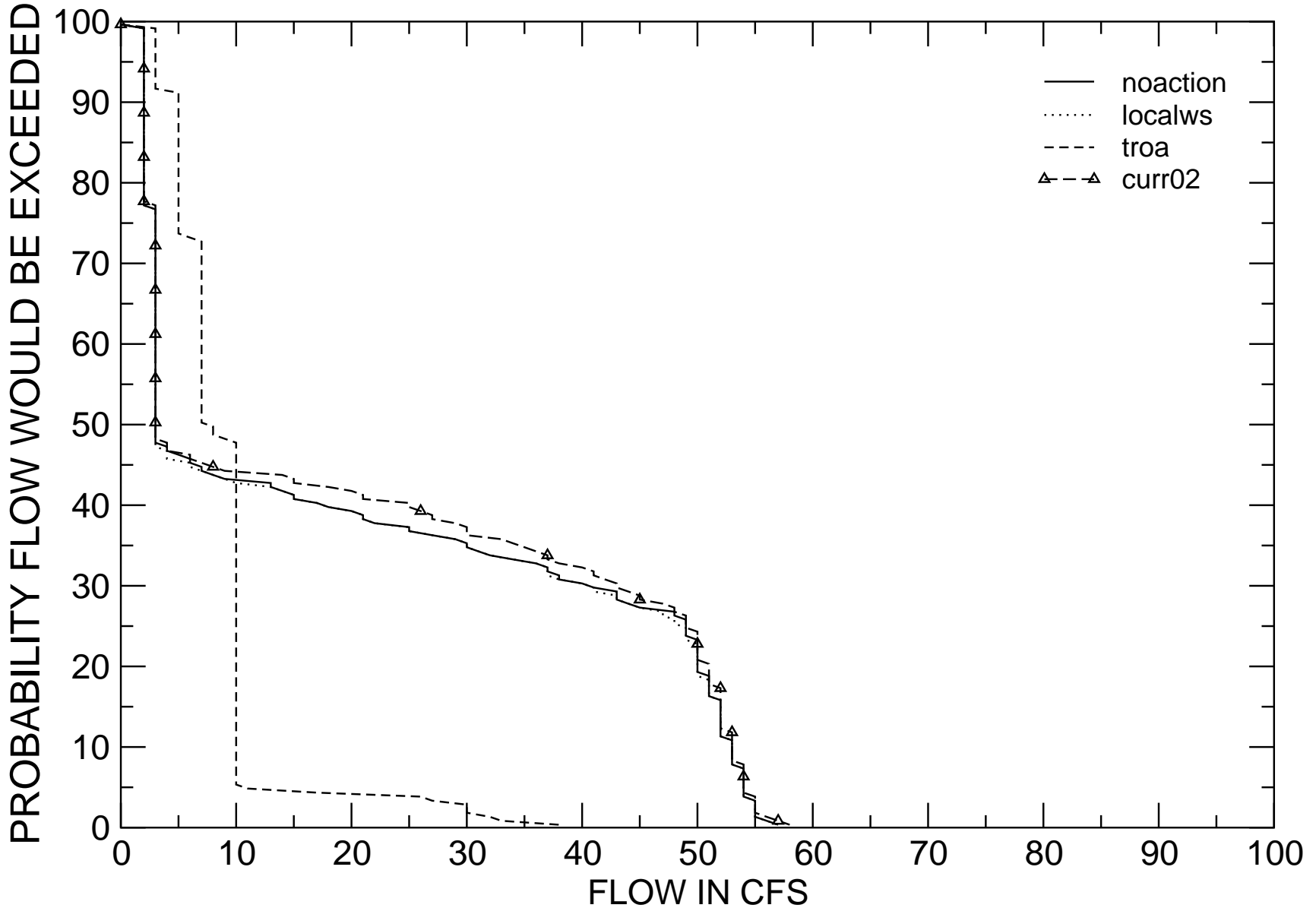


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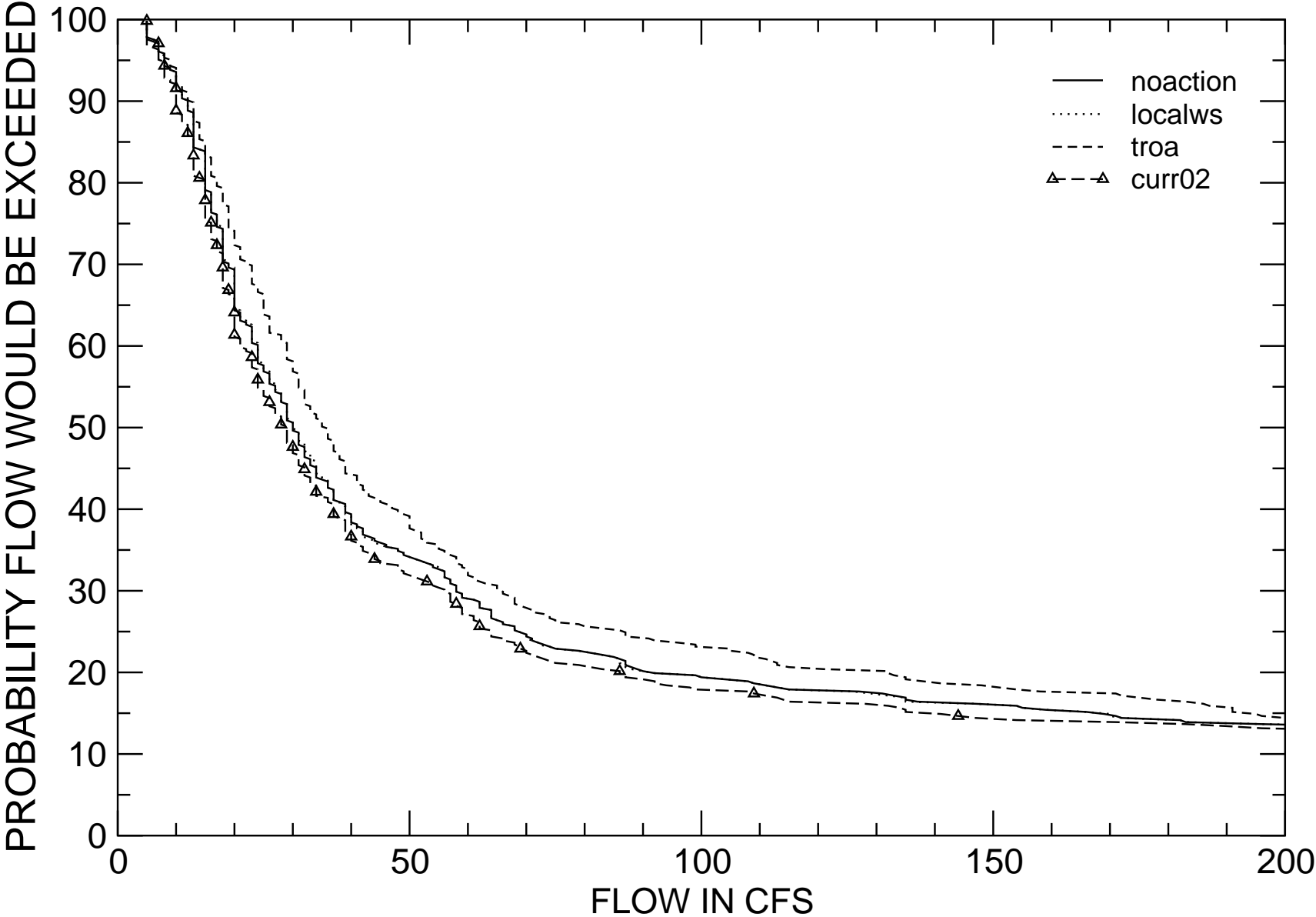
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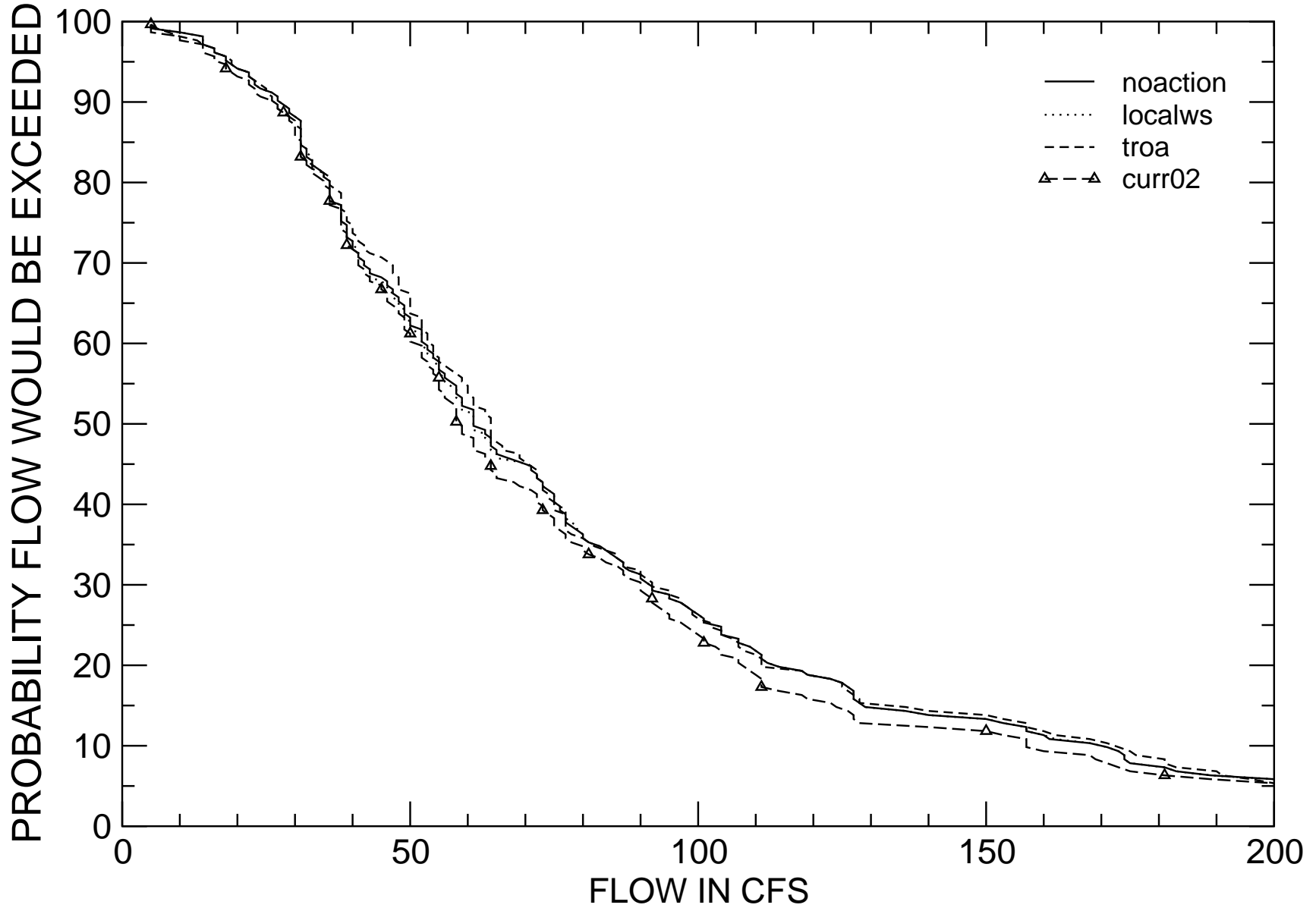


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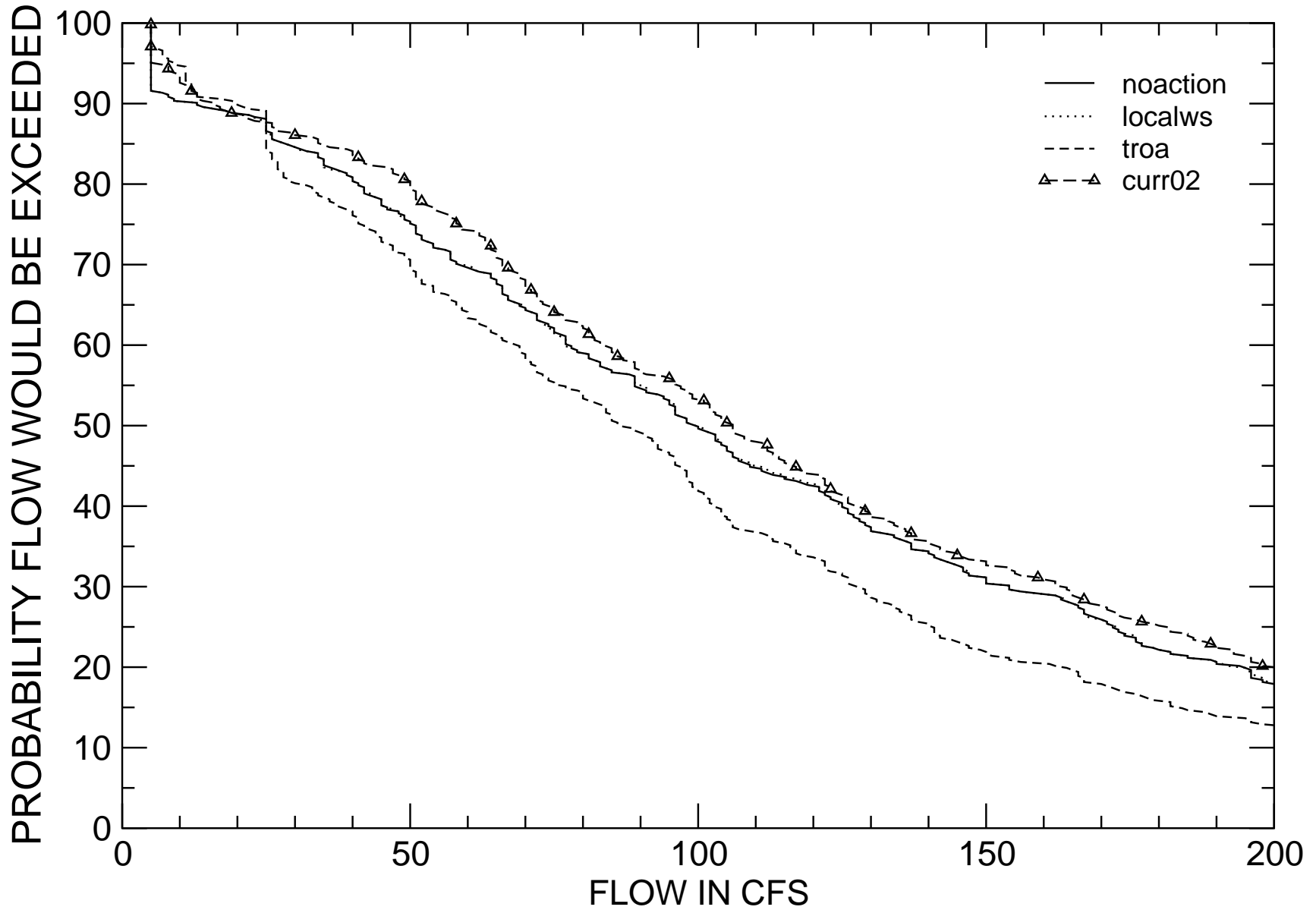
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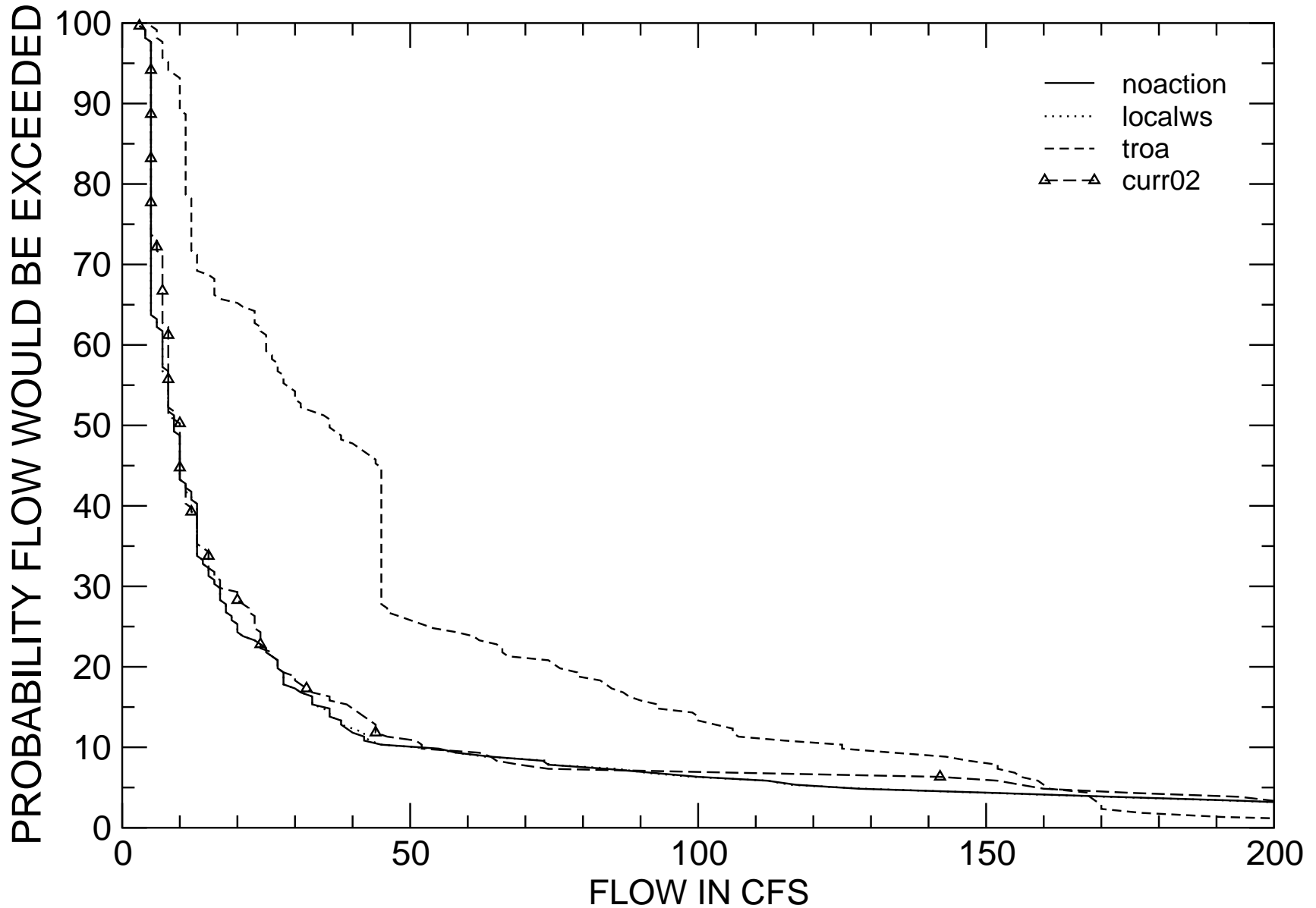


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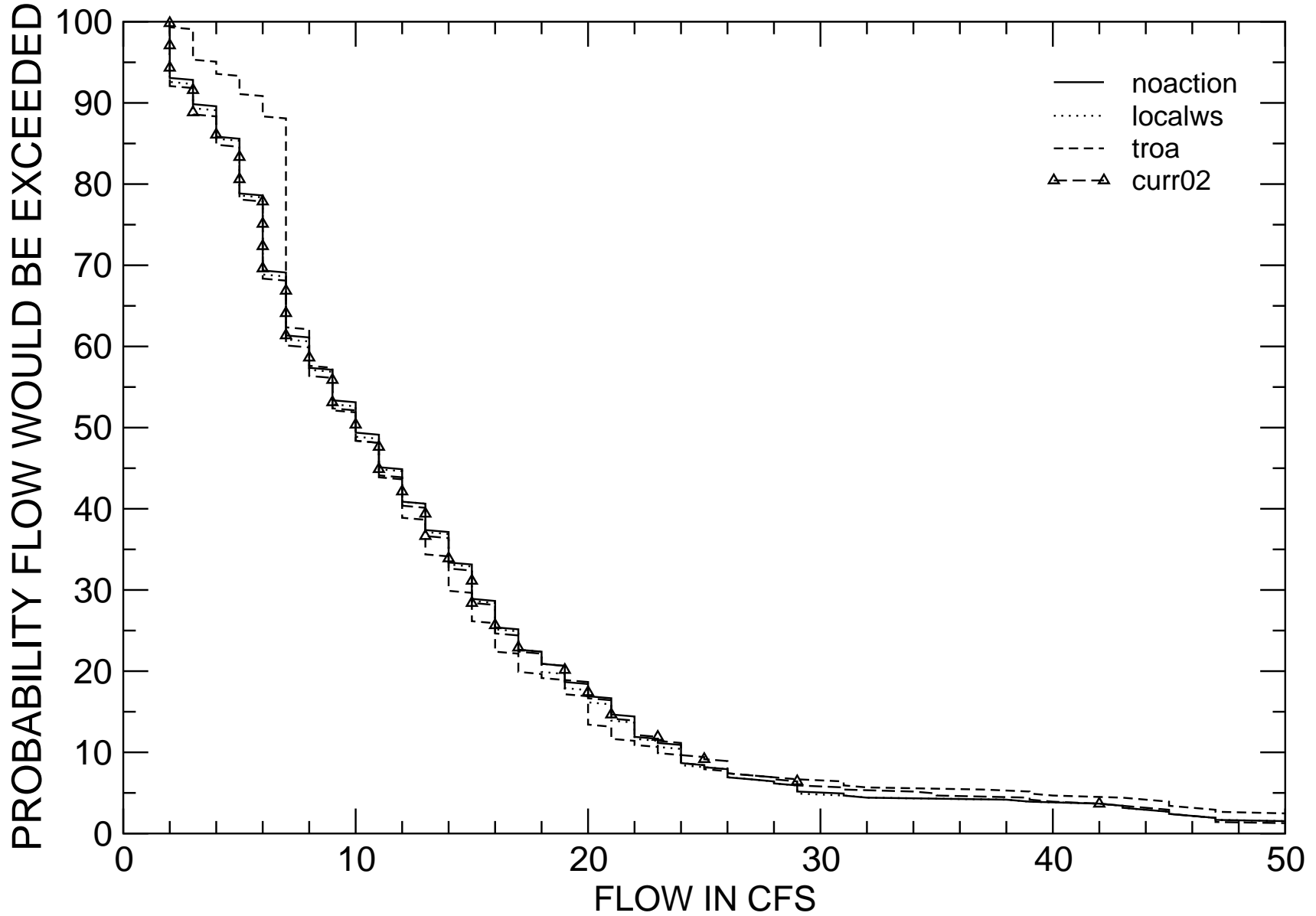
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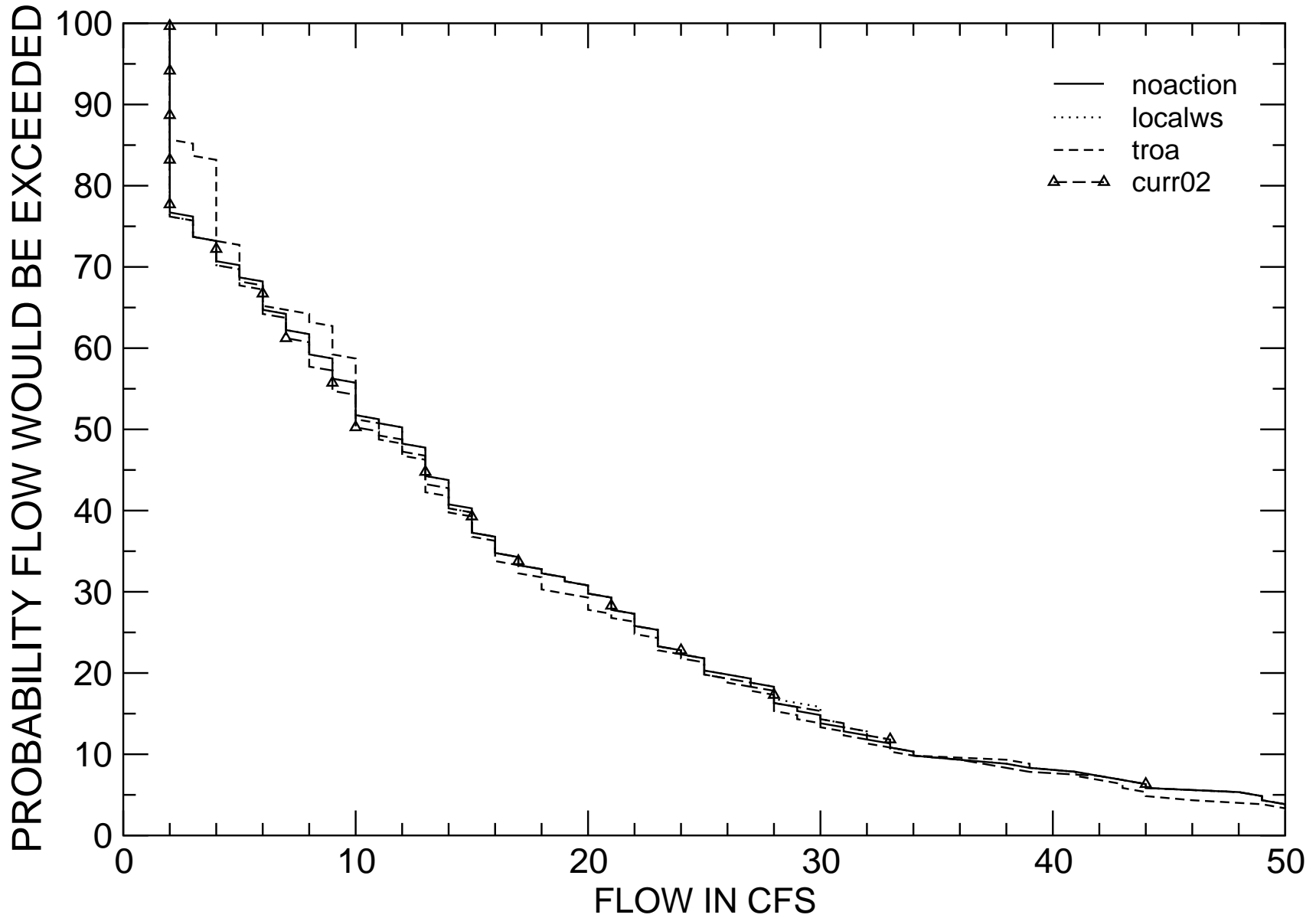


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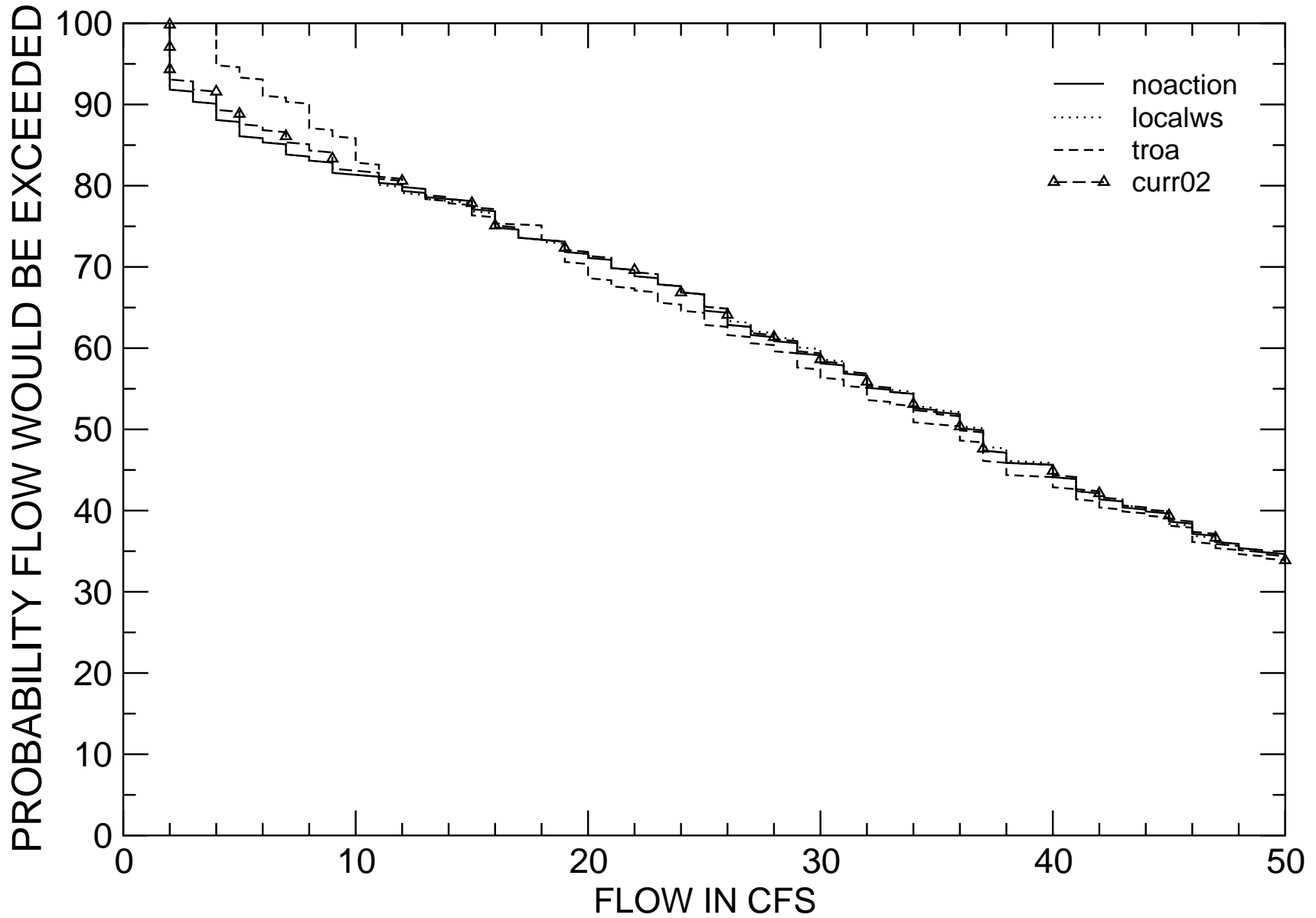
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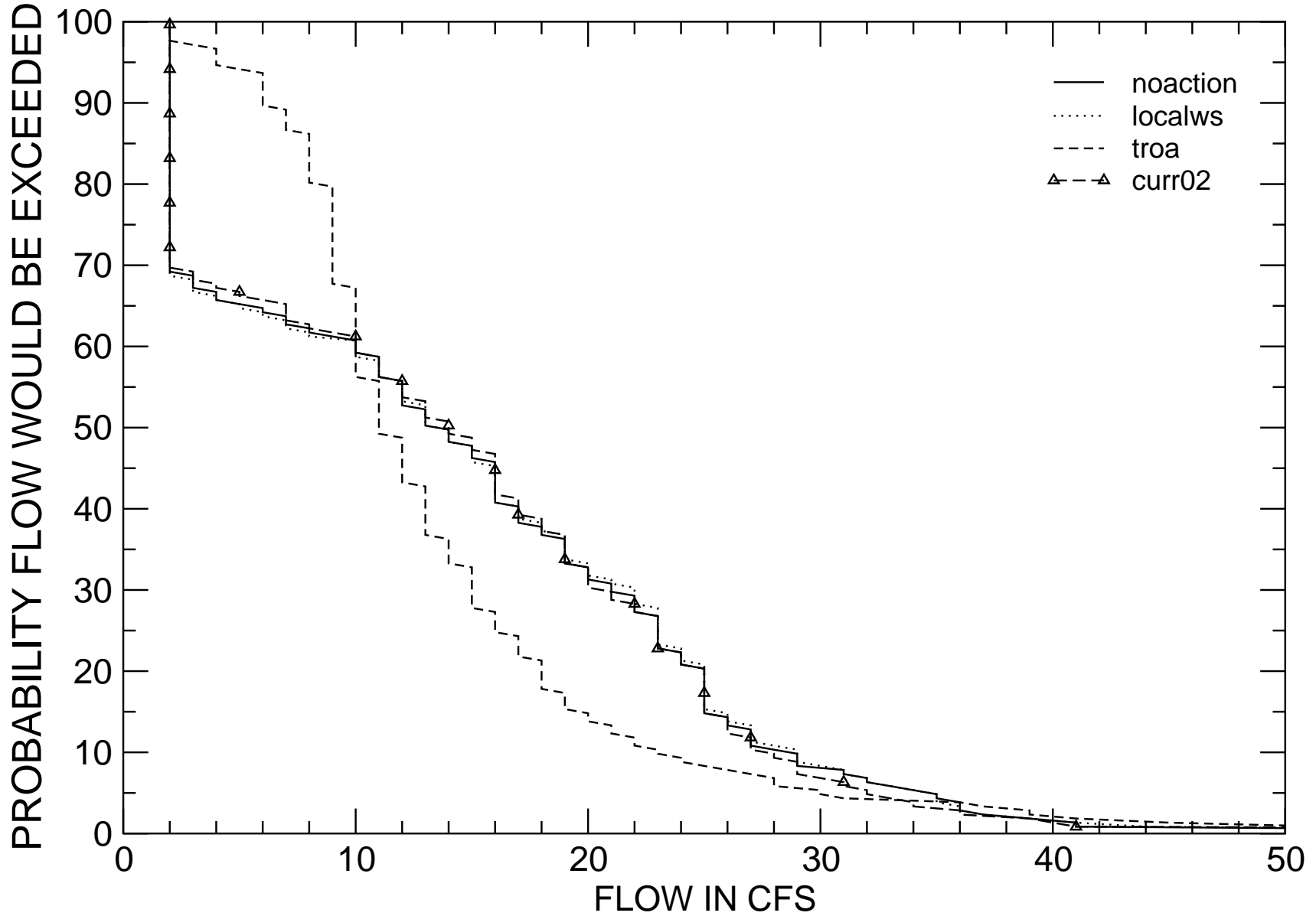
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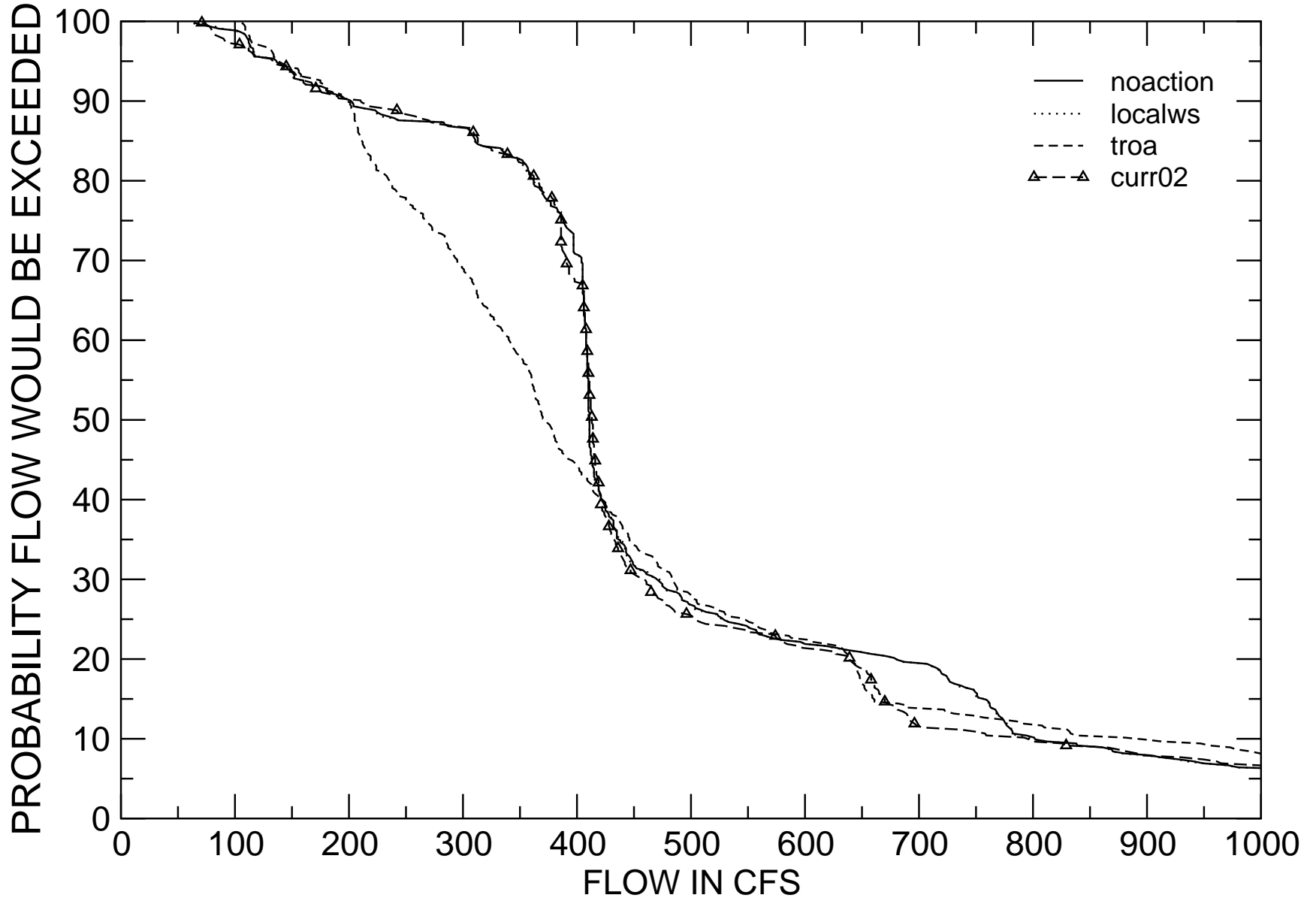
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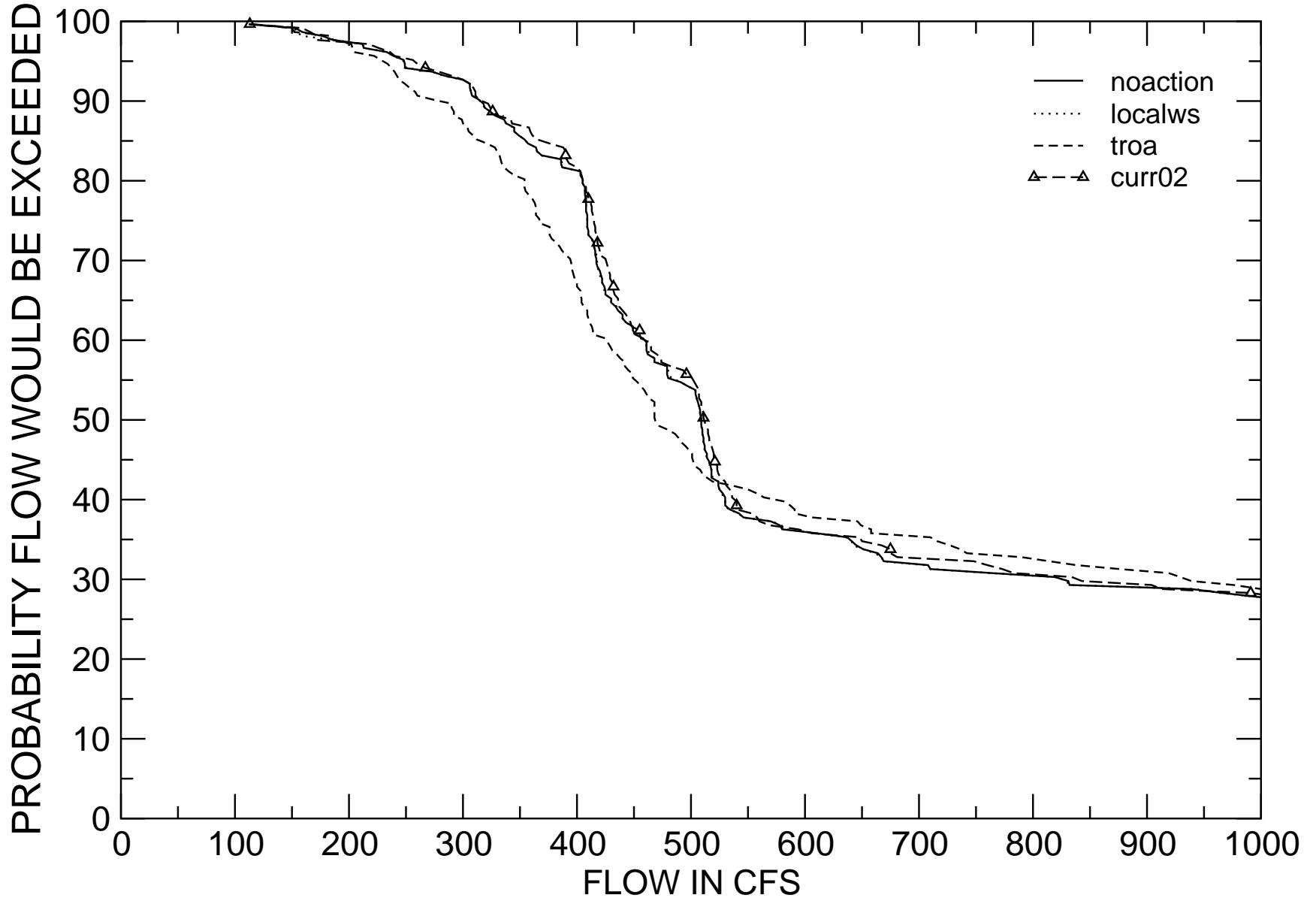
# TRUCKEE RIVER @ TROPHY OCT-JAN

## TROA 2003 DRAFT EIS



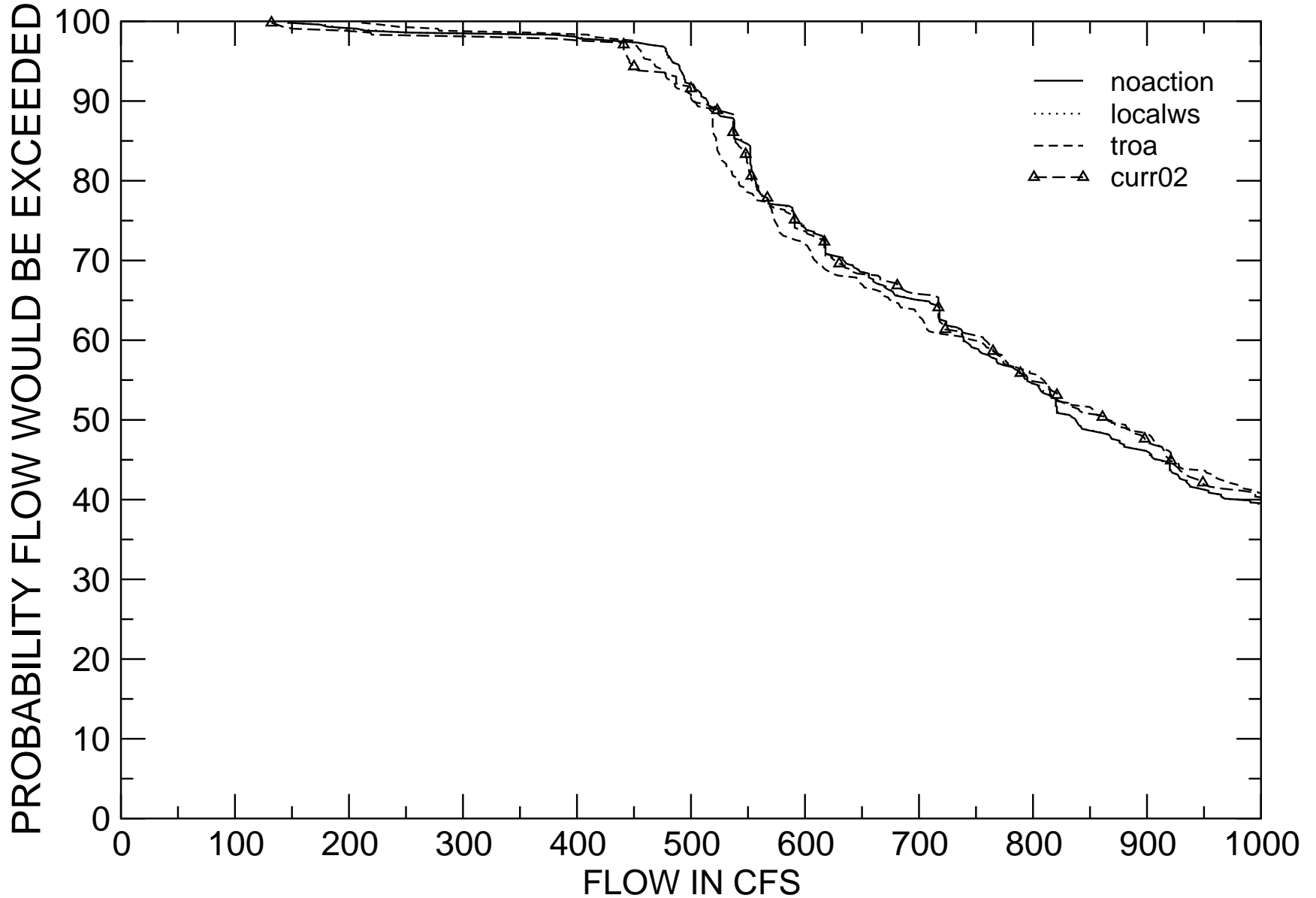
# TRUCKEE RIVER @ TROPHY FEB-MAR

## TROA 2003 DRAFT EIS



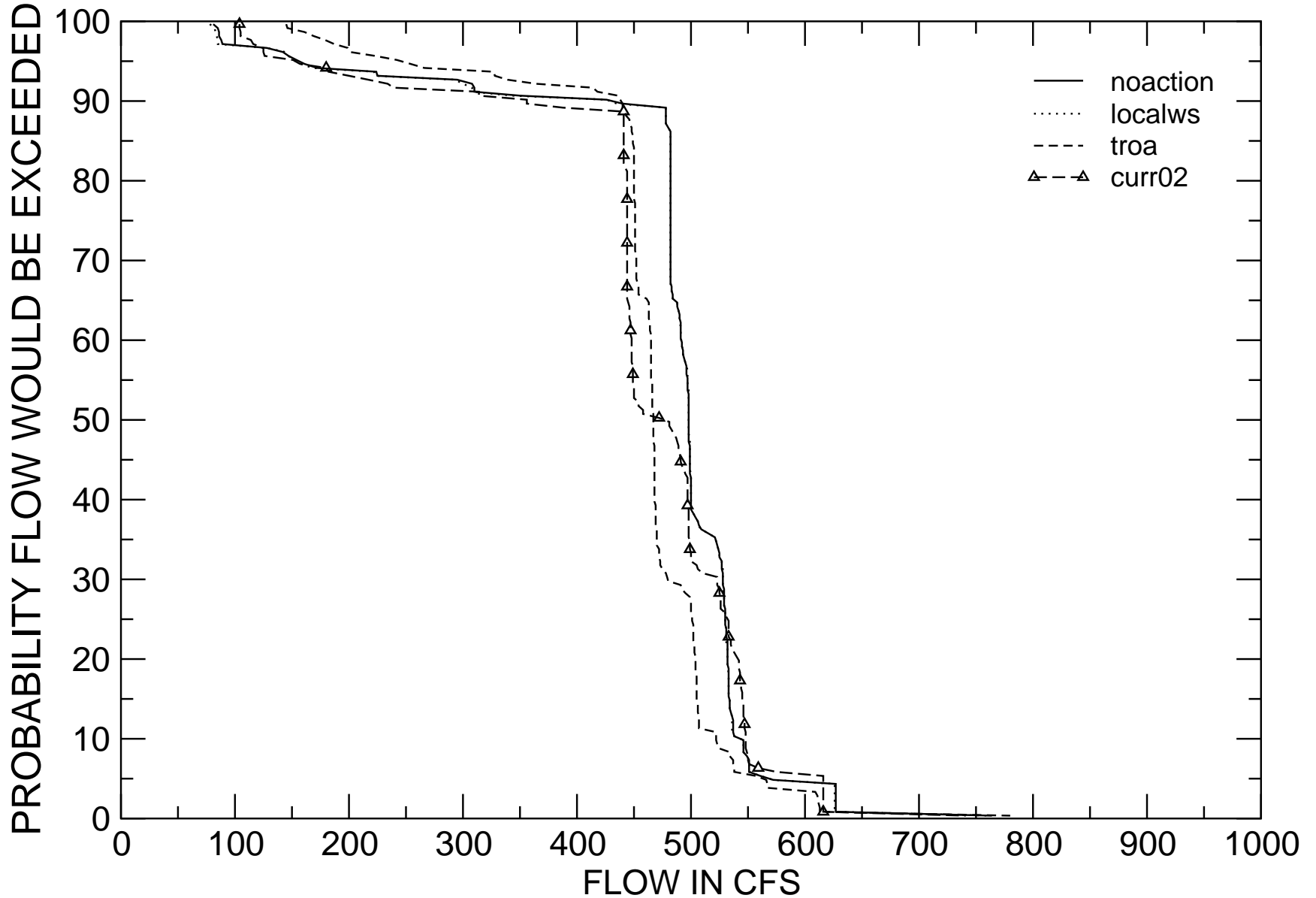
# TRUCKEE RIVER @ TROPHY APR-JUL

## TROA 2003 DRAFT EIS



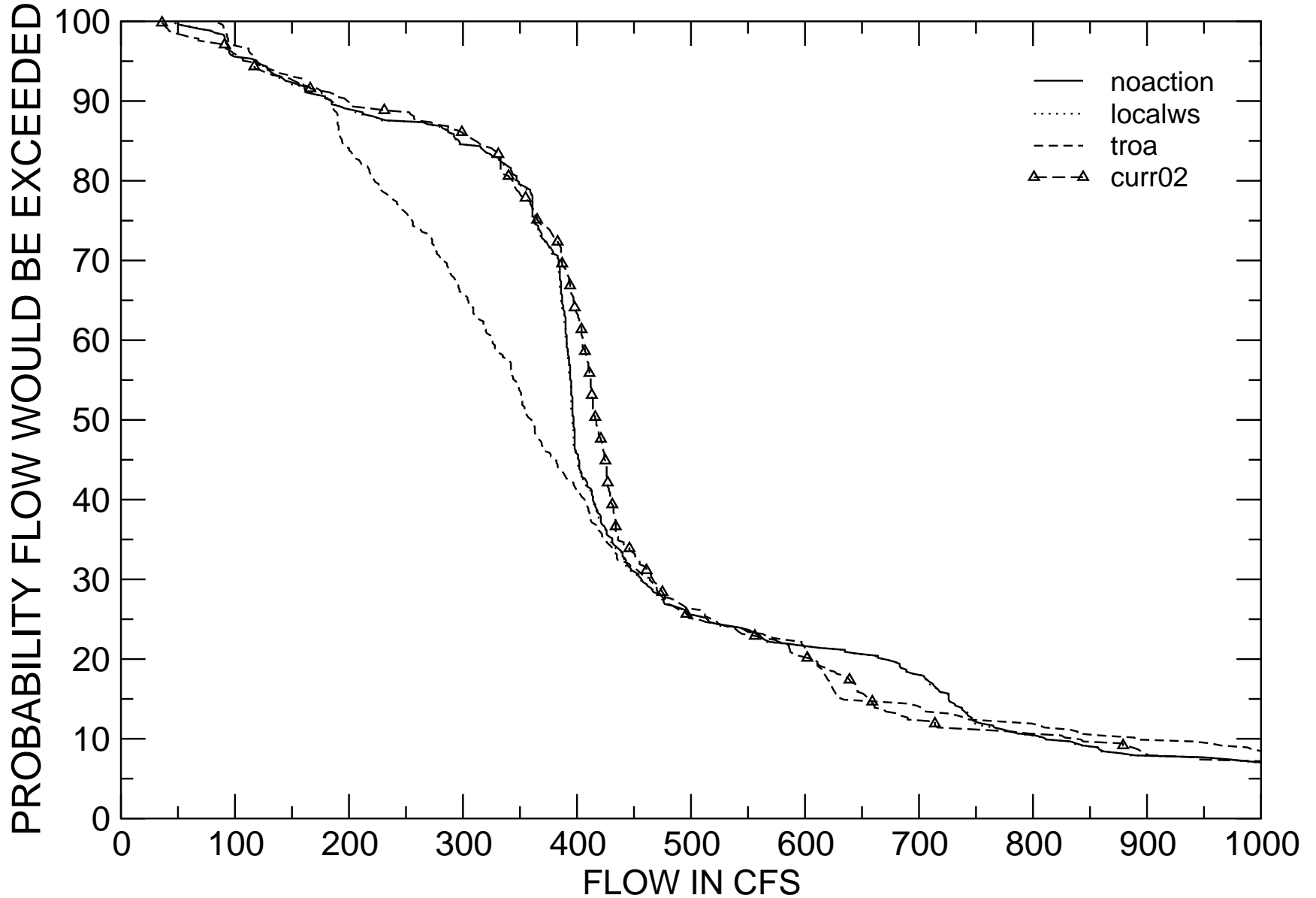
# TRUCKEE RIVER @ TROPHY AUG-SEP

## TROA 2003 DRAFT EIS



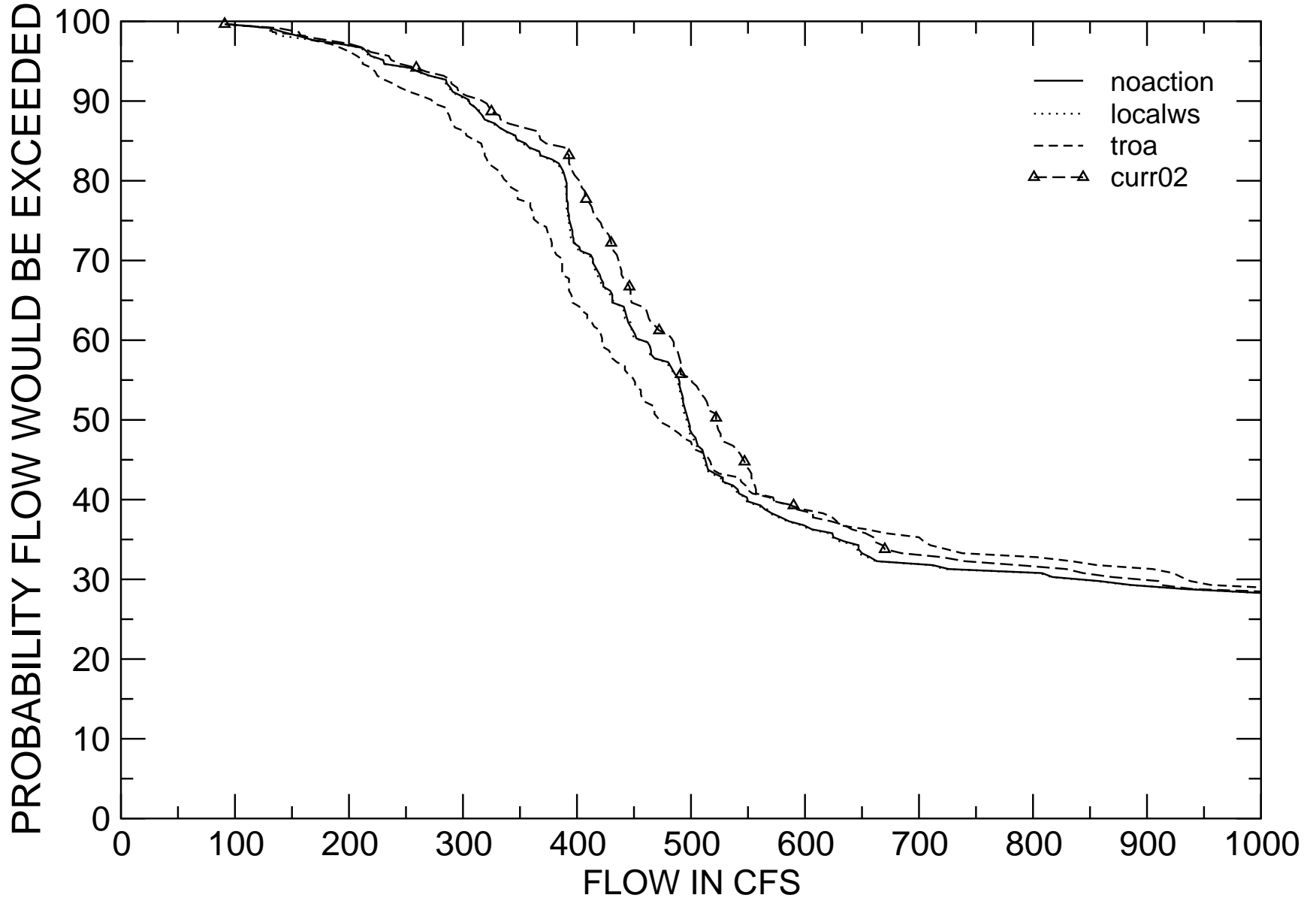
# TRUCKEE RIVER @ MAYBERRY OCT-JAN

## TROA 2003 DRAFT EIS



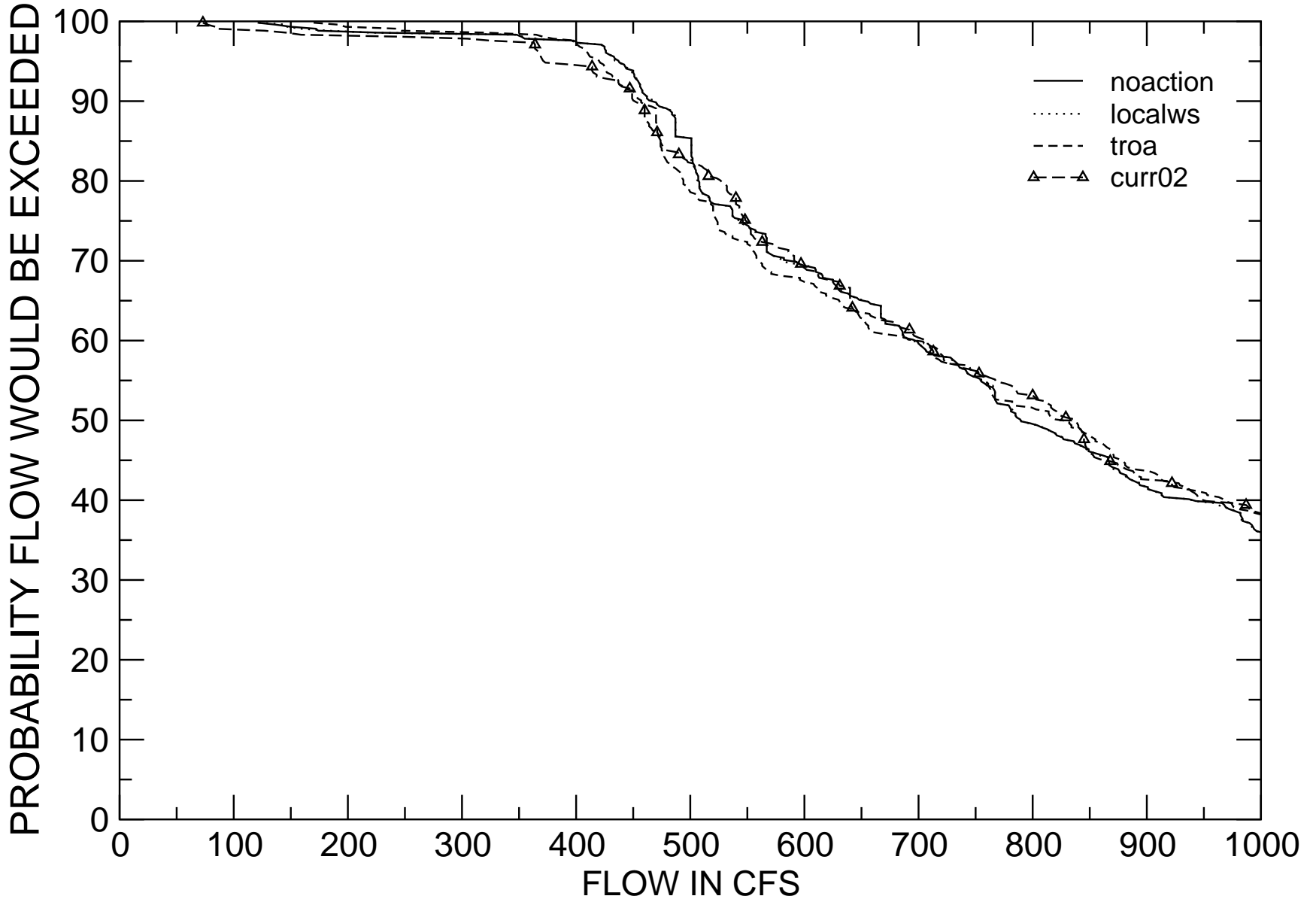
# TRUCKEE RIVER @ MAYBERRY FEB-MAR

## TROA 2003 DRAFT EIS



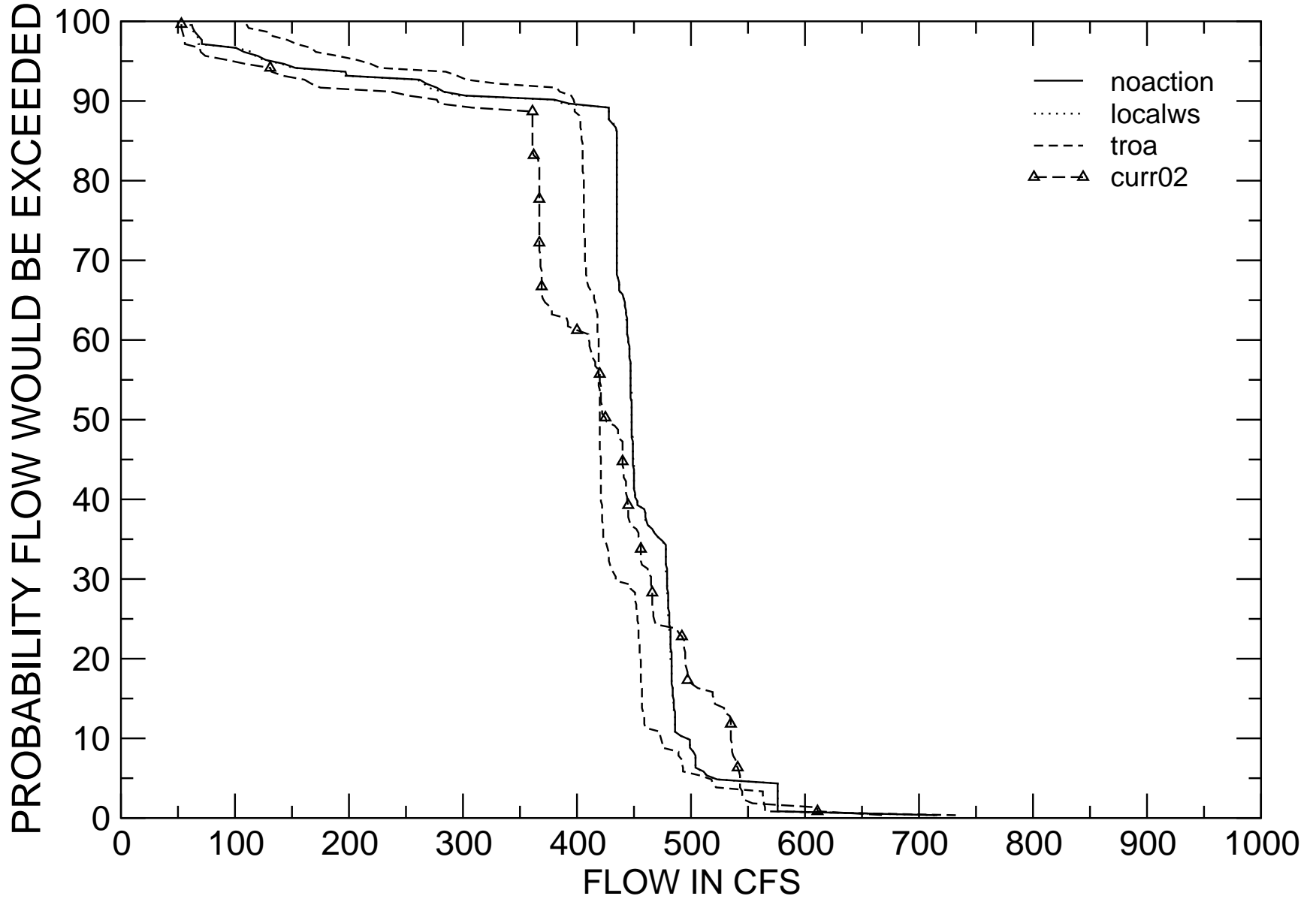
# TRUCKEE RIVER @ MAYBERRY APR-JUL

## TROA 2003 DRAFT EIS



# TRUCKEE RIVER @ MAYBERRY AUG-SEP

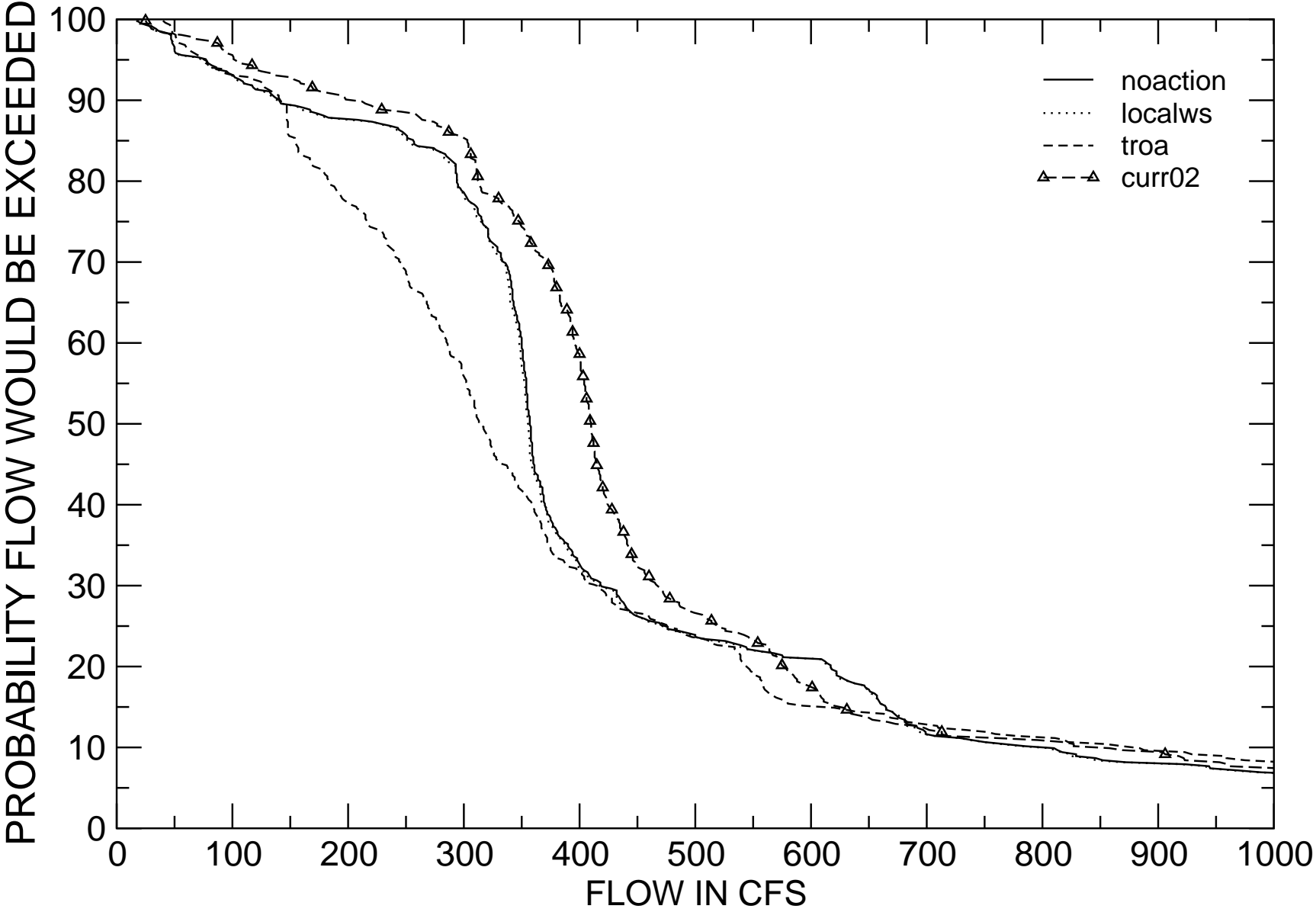
## TROA 2003 DRAFT EIS





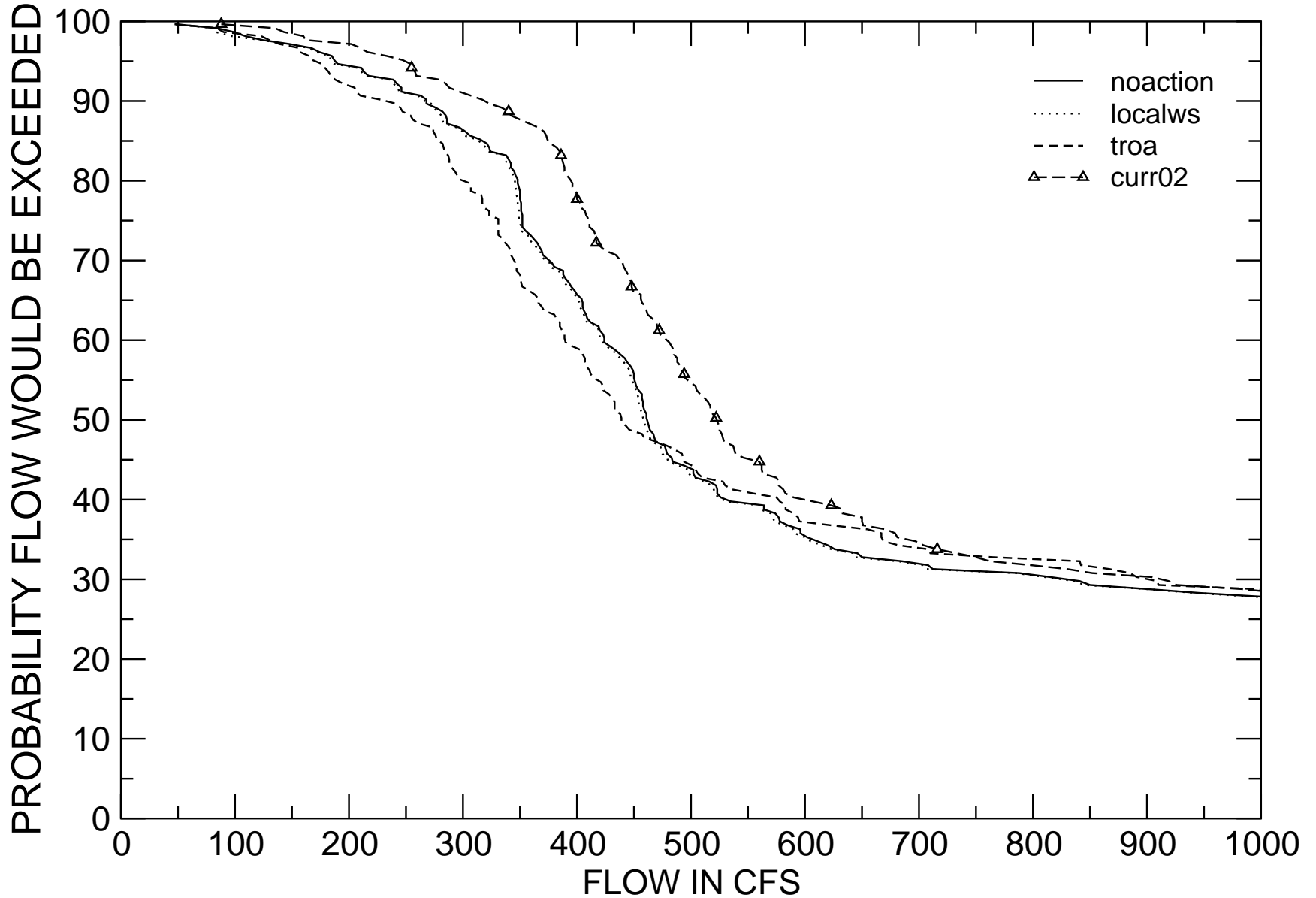
# TRUCKEE RIVER @ RENO OCT-JAN

## TROA 2003 DRAFT EIS



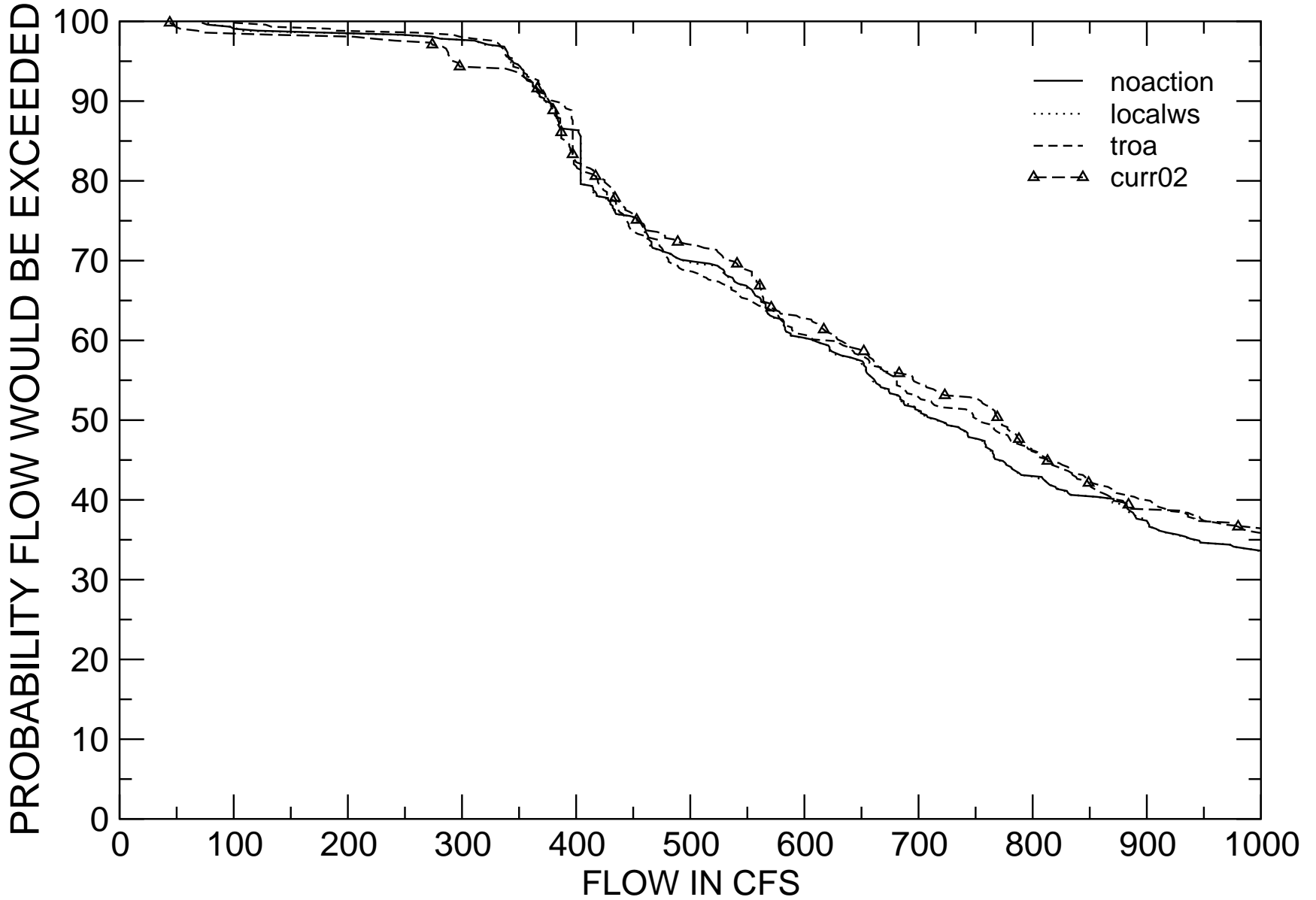
# TRUCKEE RIVER @ RENO FEB-MAR

## TROA 2003 DRAFT EIS



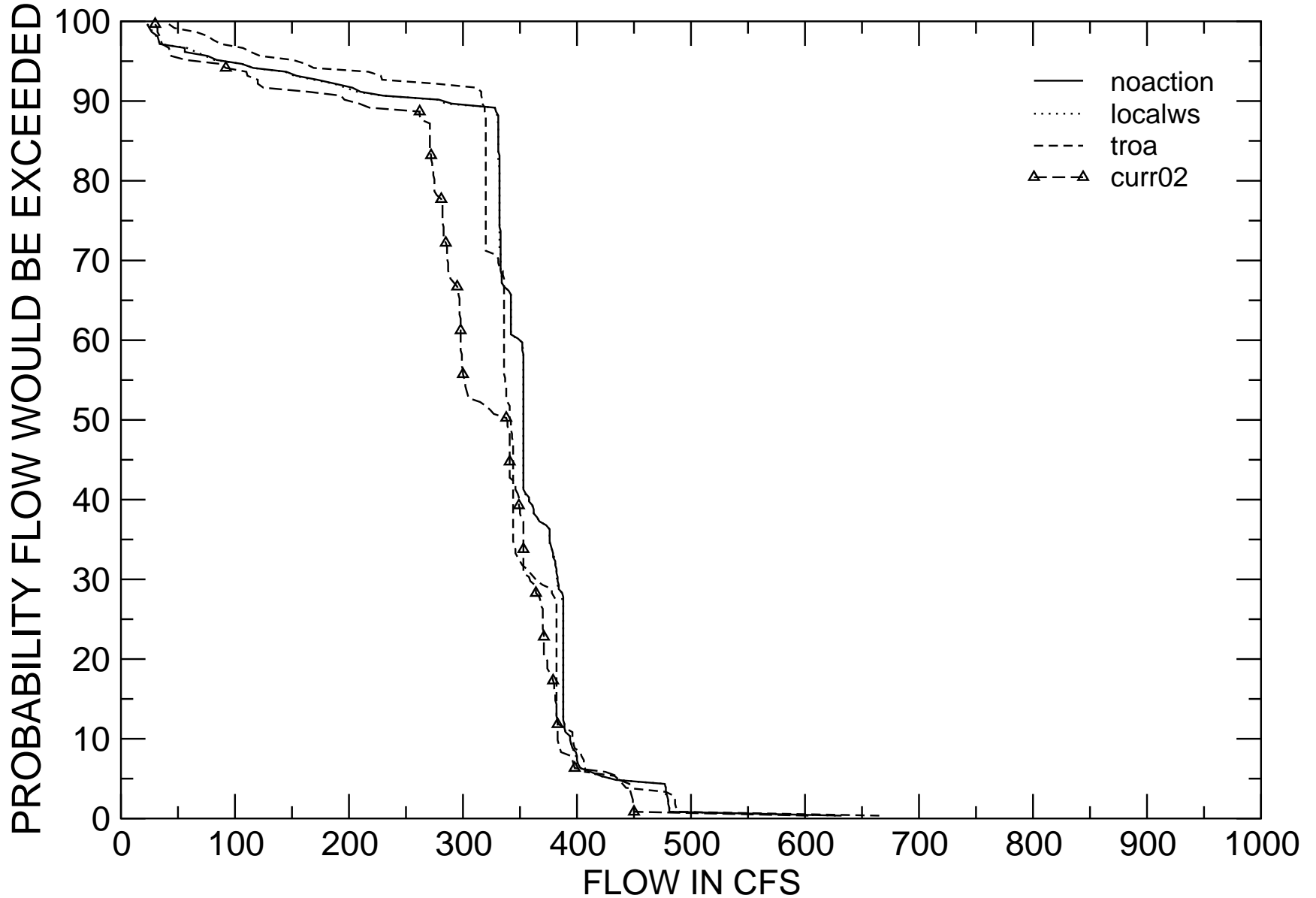
# TRUCKEE RIVER @ RENO APR-JUL

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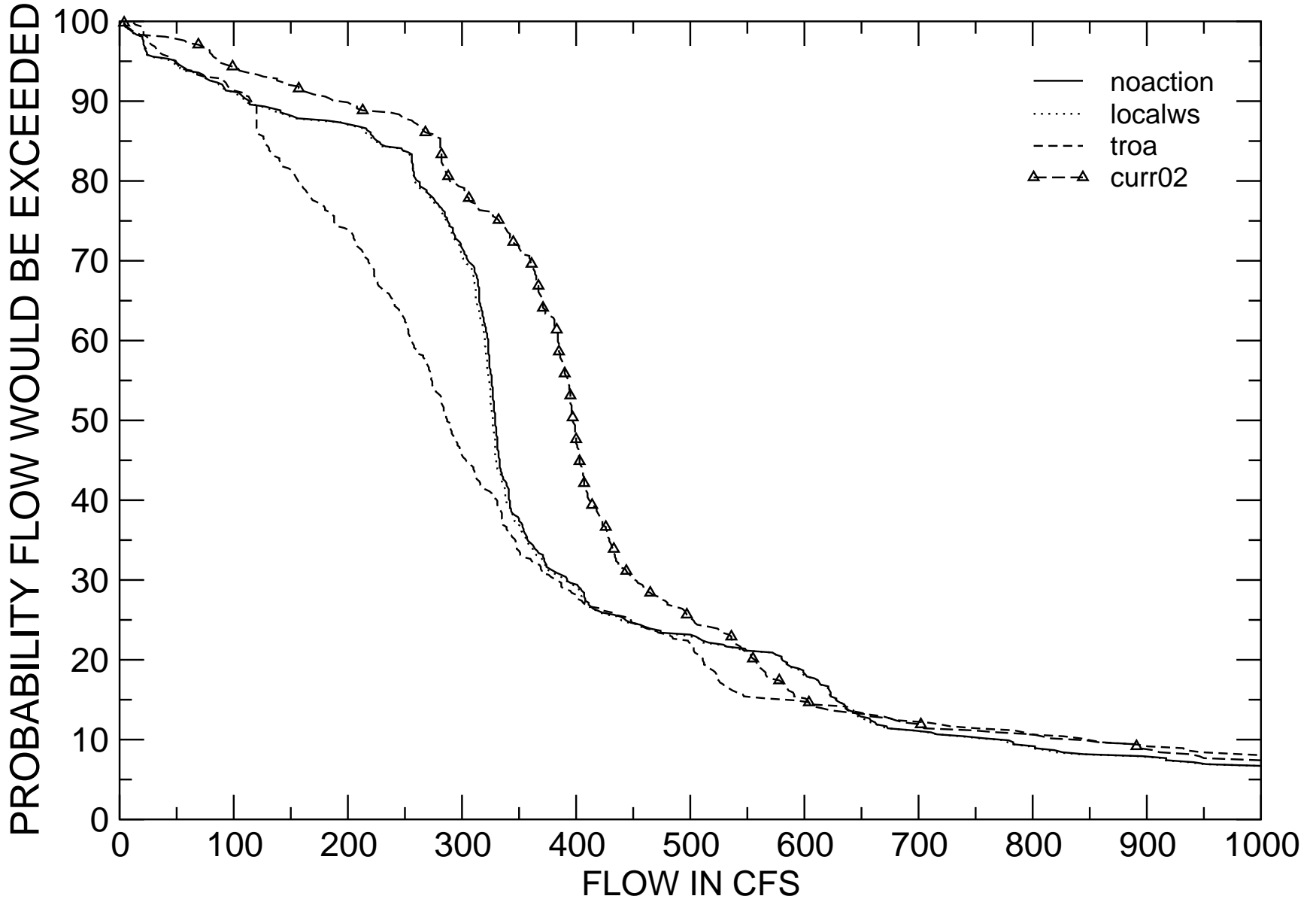
# TRUCKEE RIVER @ RENO AUG-SEP

## TROA 2003 DRAFT EIS



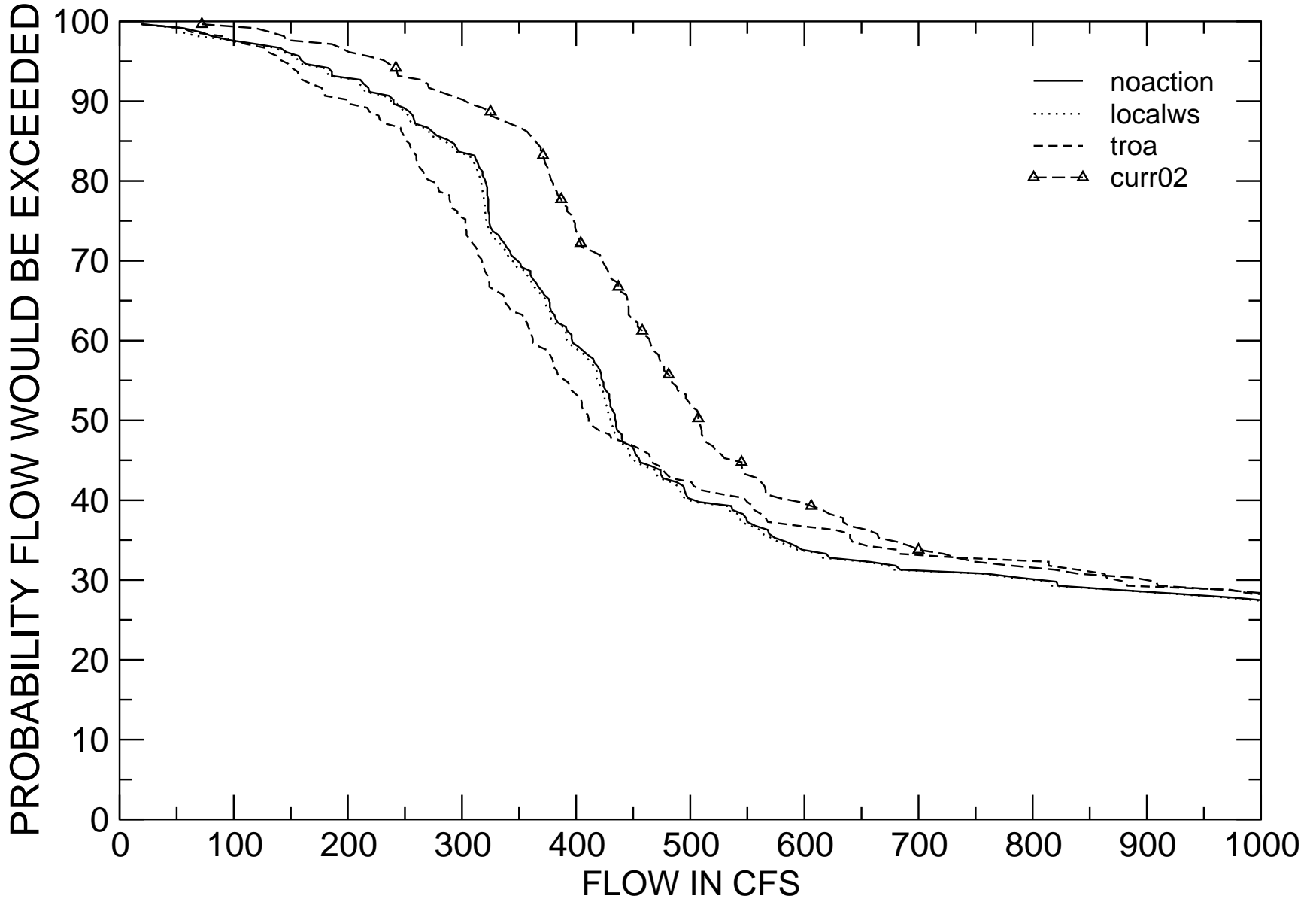
# TRUCKEE RIVER @ SPARKS OCT-JAN

## TROA 2003 DRAFT EIS



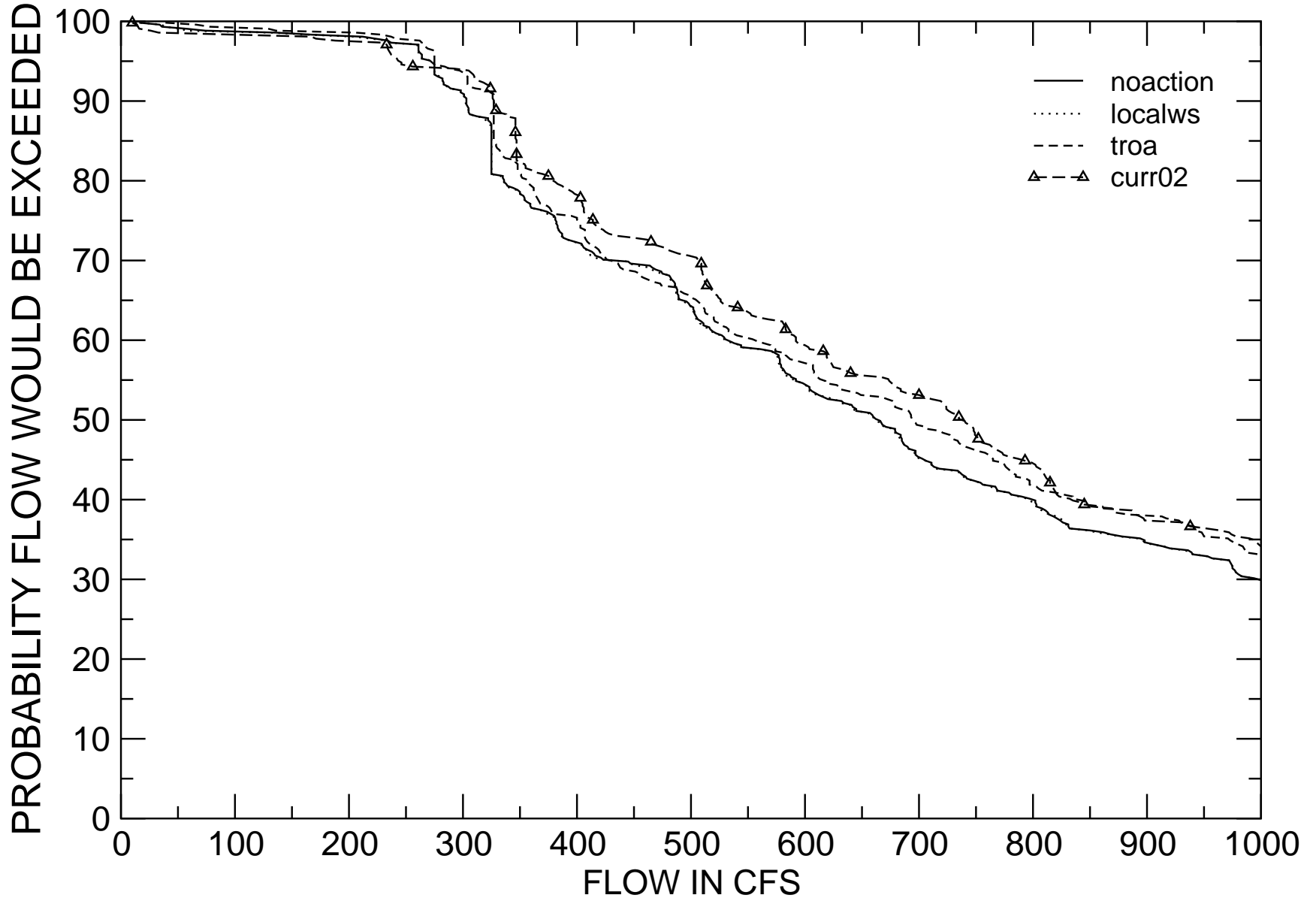
# TRUCKEE RIVER @ SPARKS FEB-MAR

## TROA 2003 DRAFT EIS



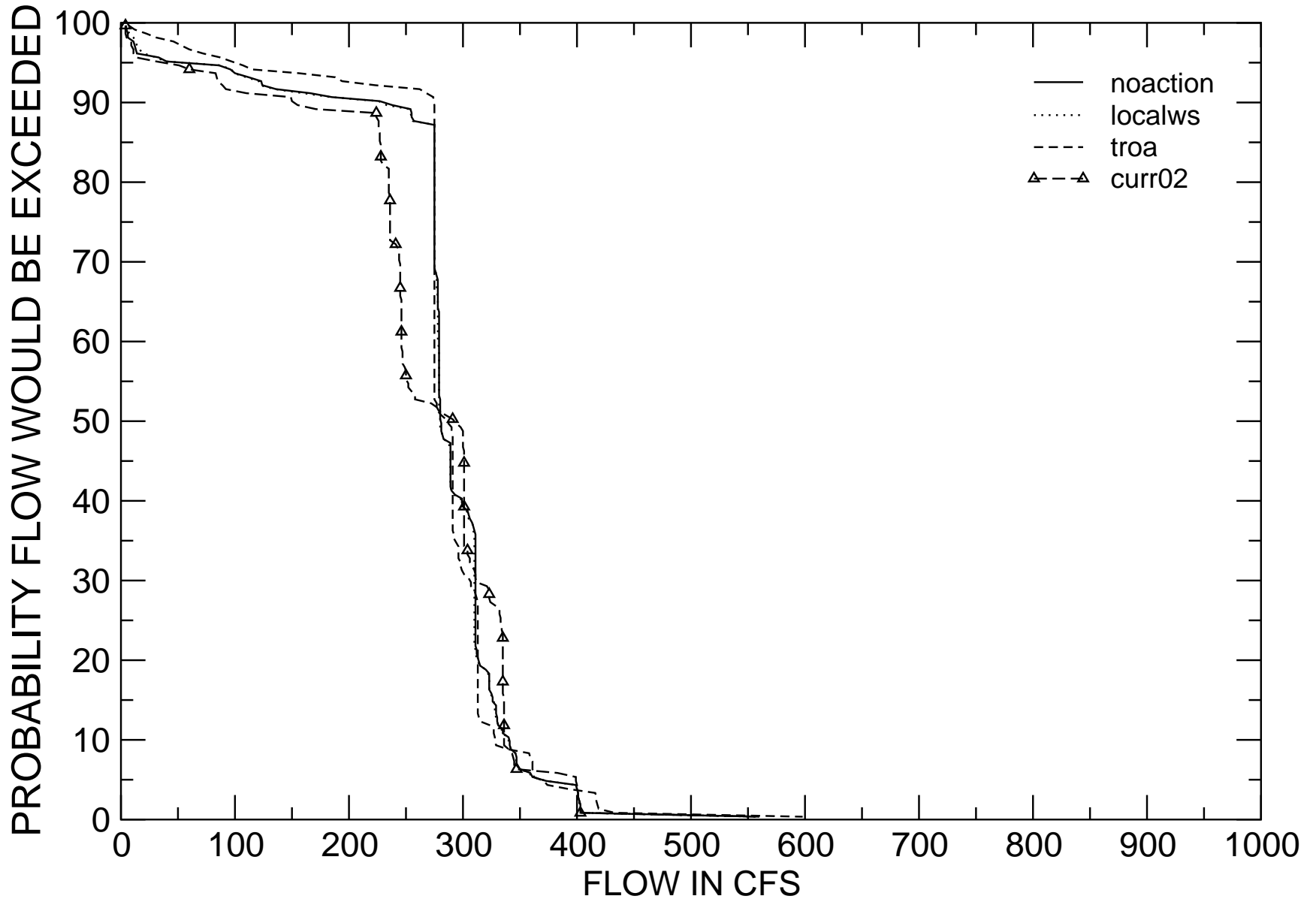
# TRUCKEE RIVER @ SPARKS APR-JUL

## TROA 2003 DRAFT EIS



# TRUCKEE RIVER @ SPARKS AUG-SEP

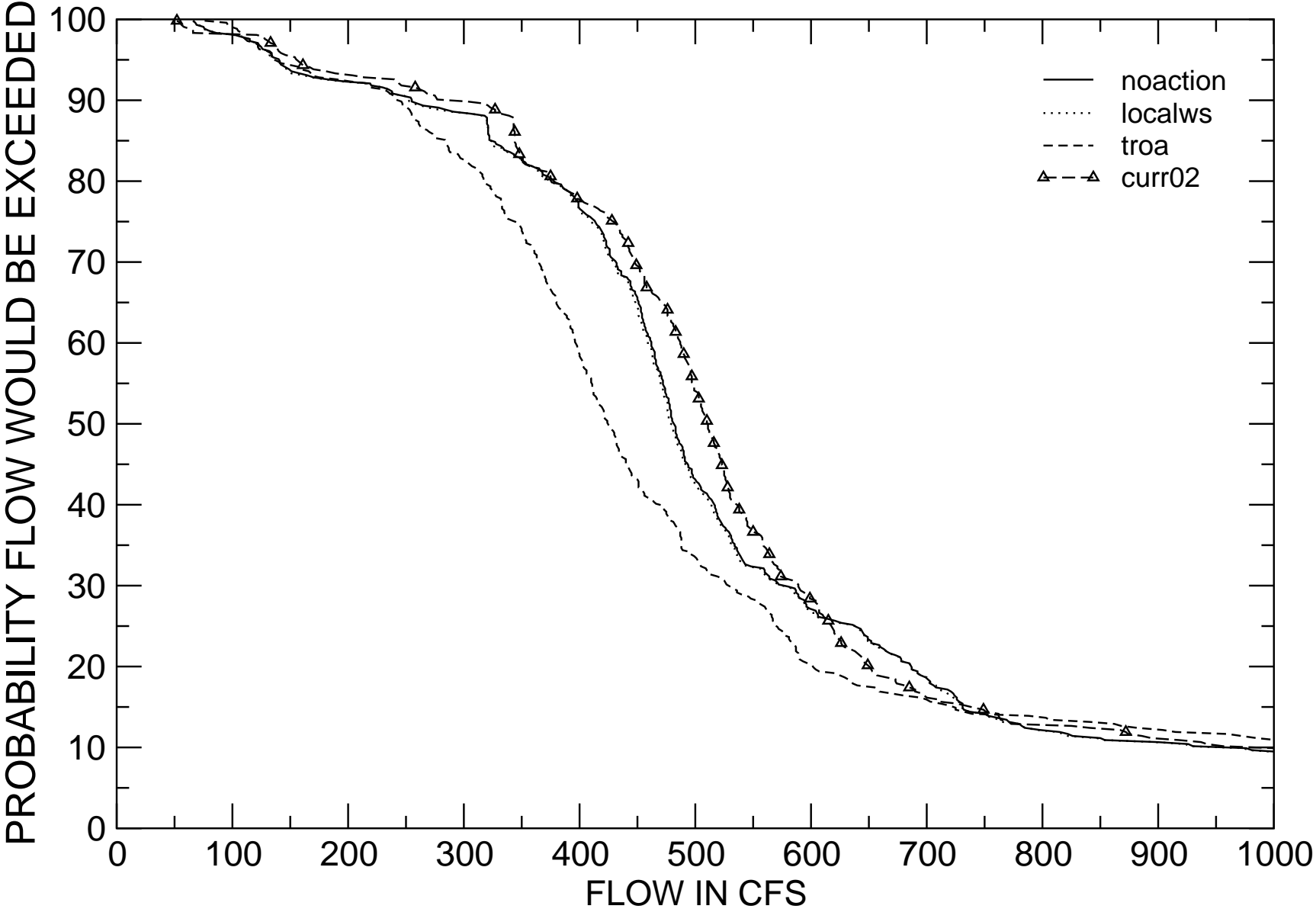
## TROA 2003 DRAFT EIS





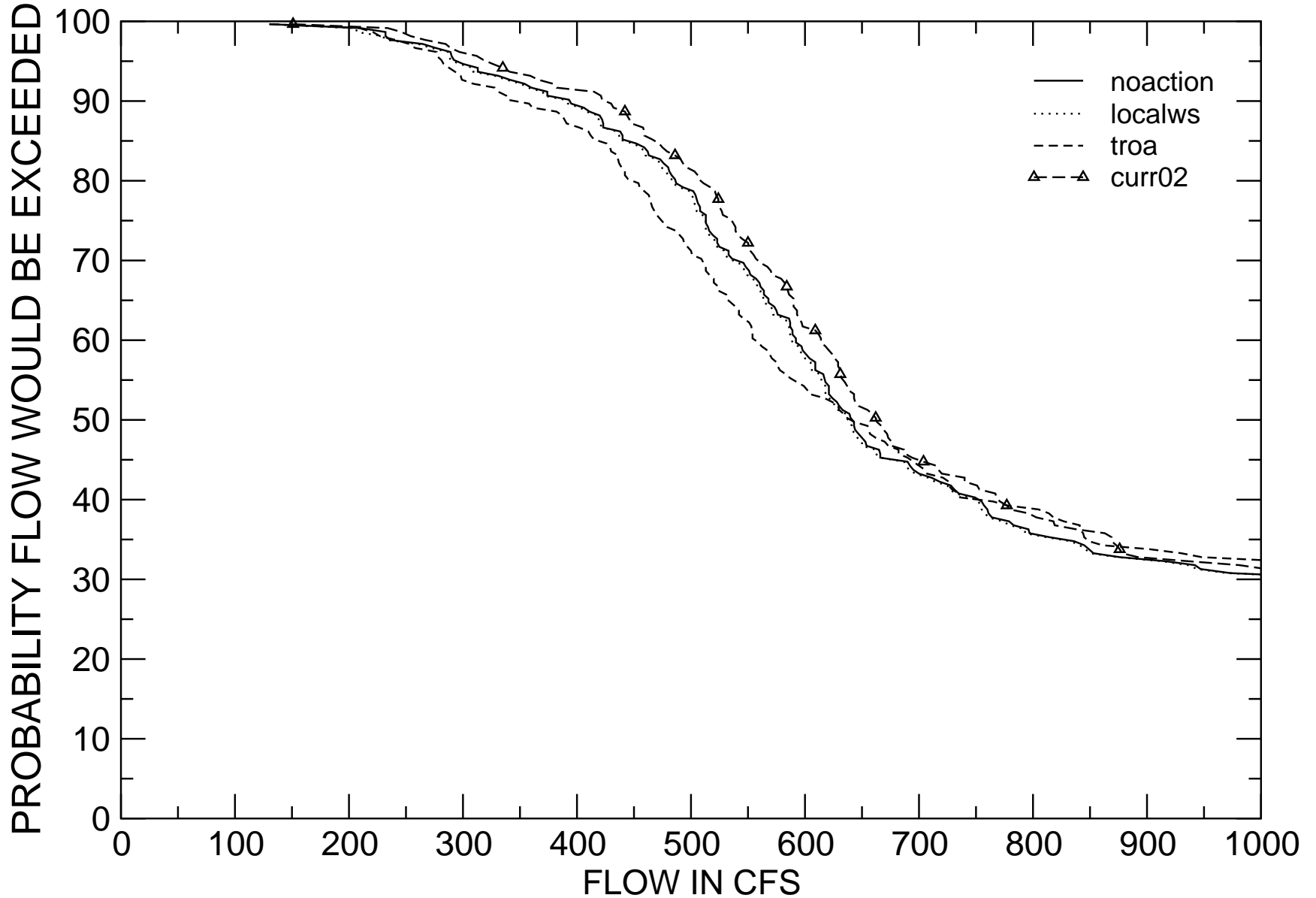
# TRUCKEE RIVER @ VISTA OCT-JAN

## TROA 2003 DRAFT EIS



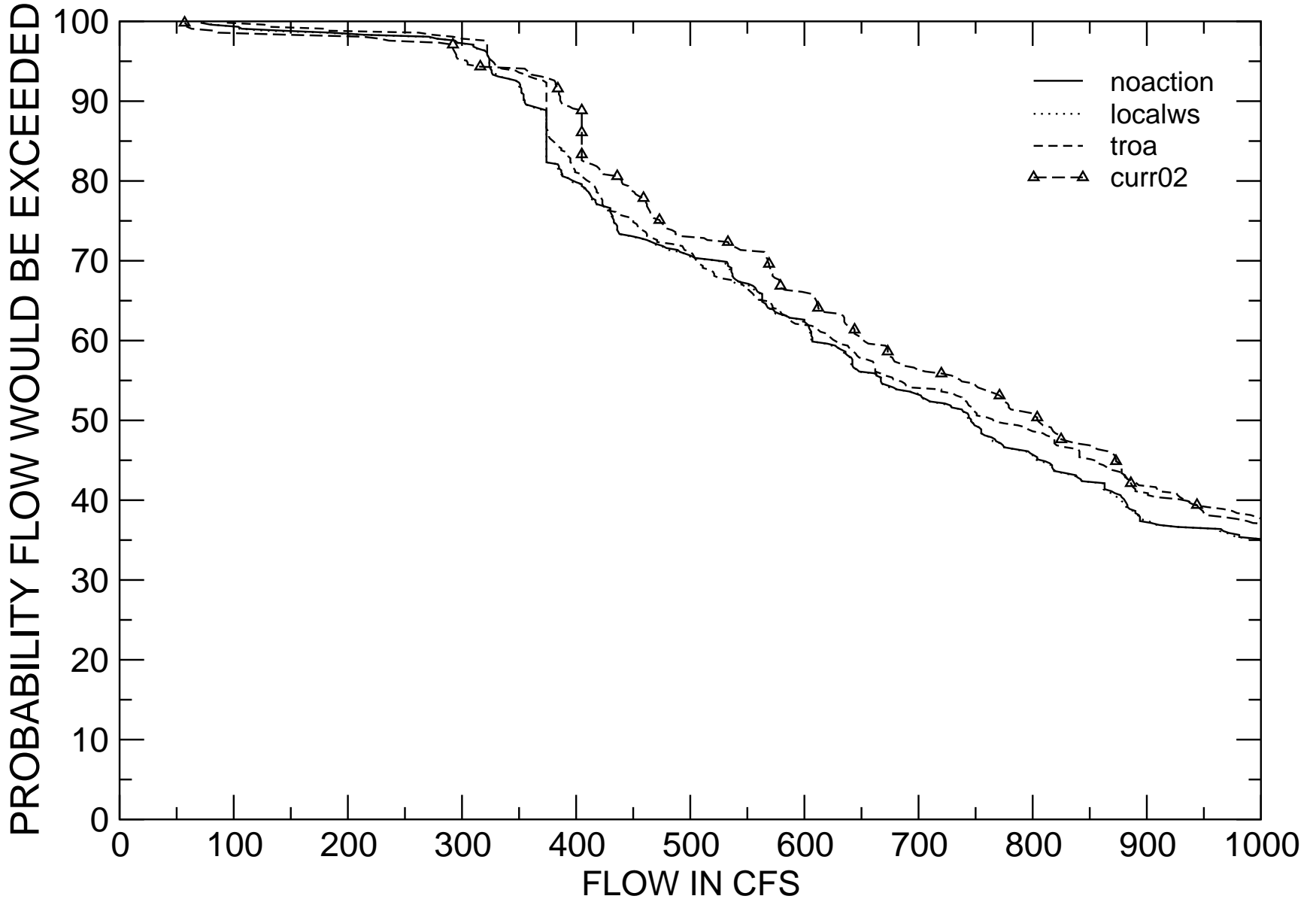
# TRUCKEE RIVER @ VISTA FEB-MAR

## TROA 2003 DRAFT EIS



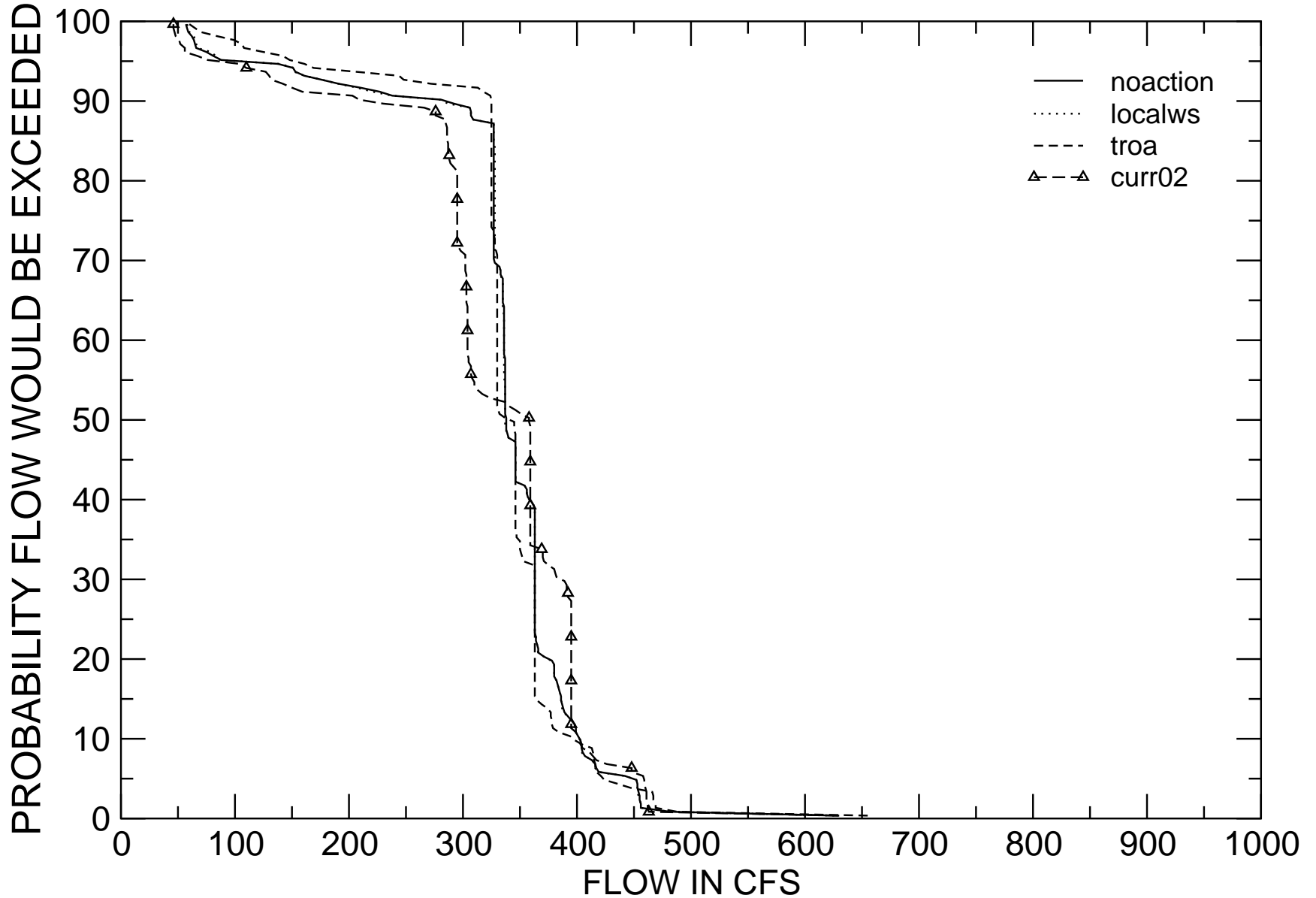
# TRUCKEE RIVER @ VISTA APR-JUL

## TROA 2003 DRAFT EIS



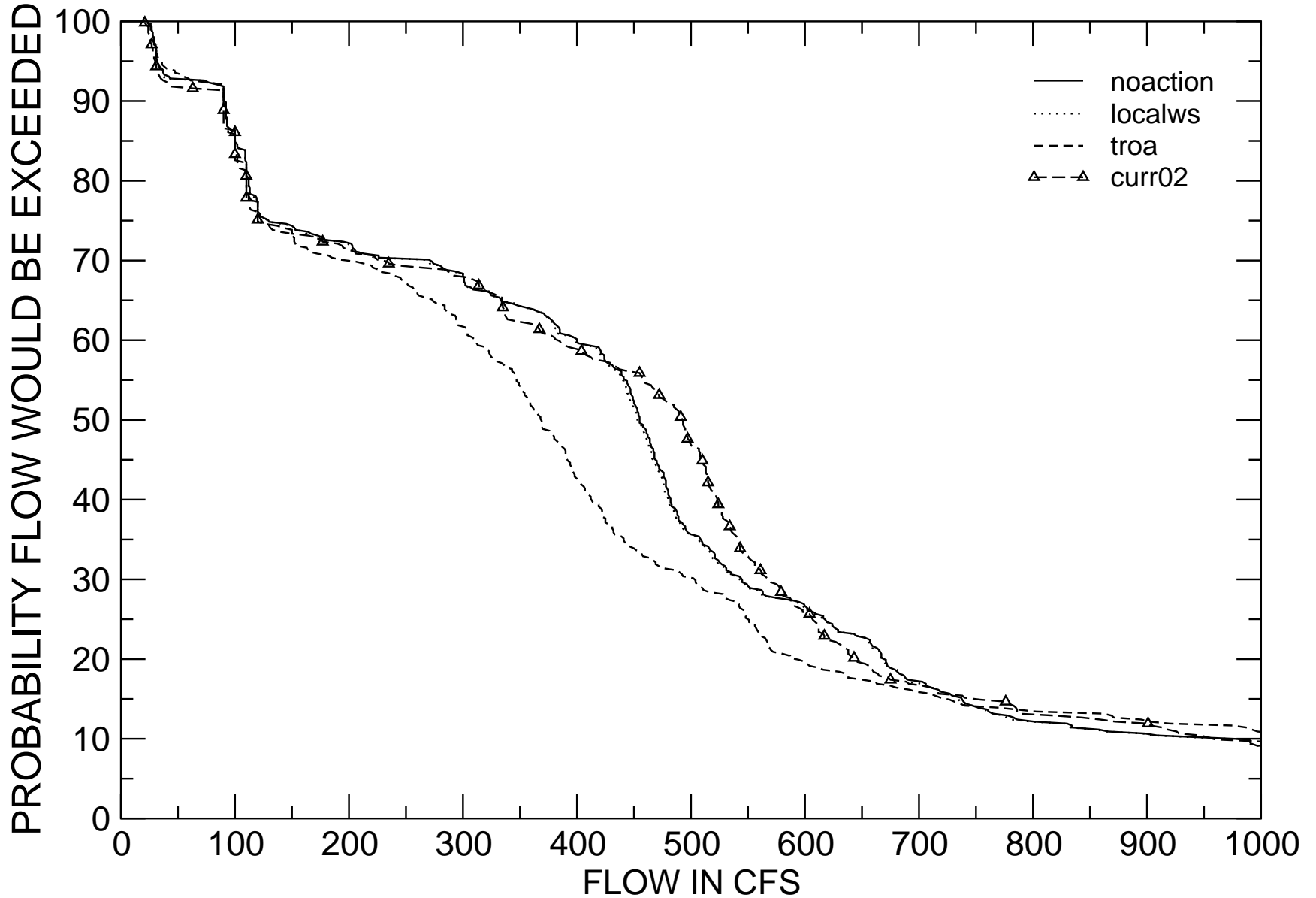
# TRUCKEE RIVER @ VISTA AUG-SEP

## TROA 2003 DRAFT EIS



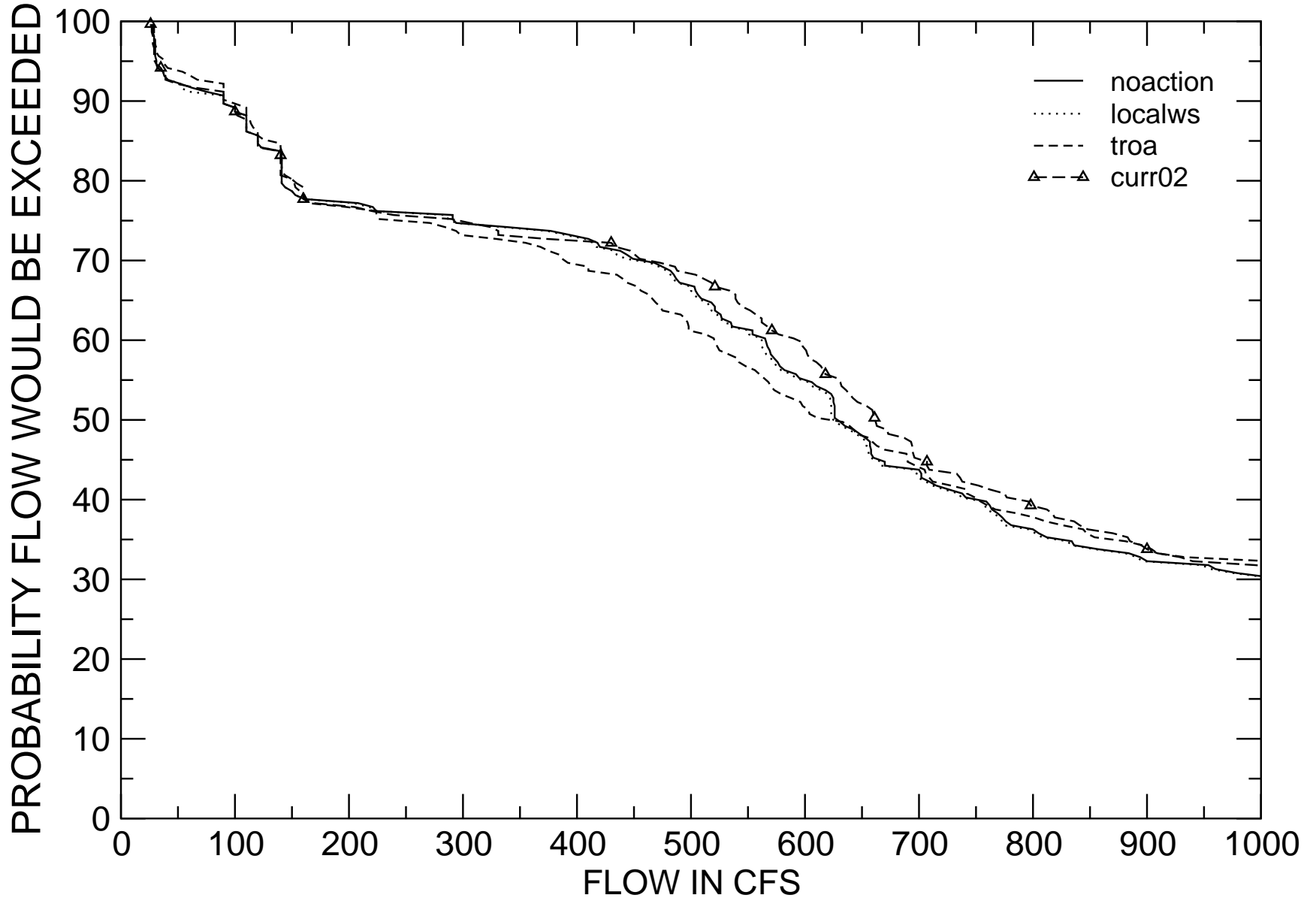
# TRUCKEE RIVER @ NIXON OCT-JAN

## TROA 2003 DRAFT EIS



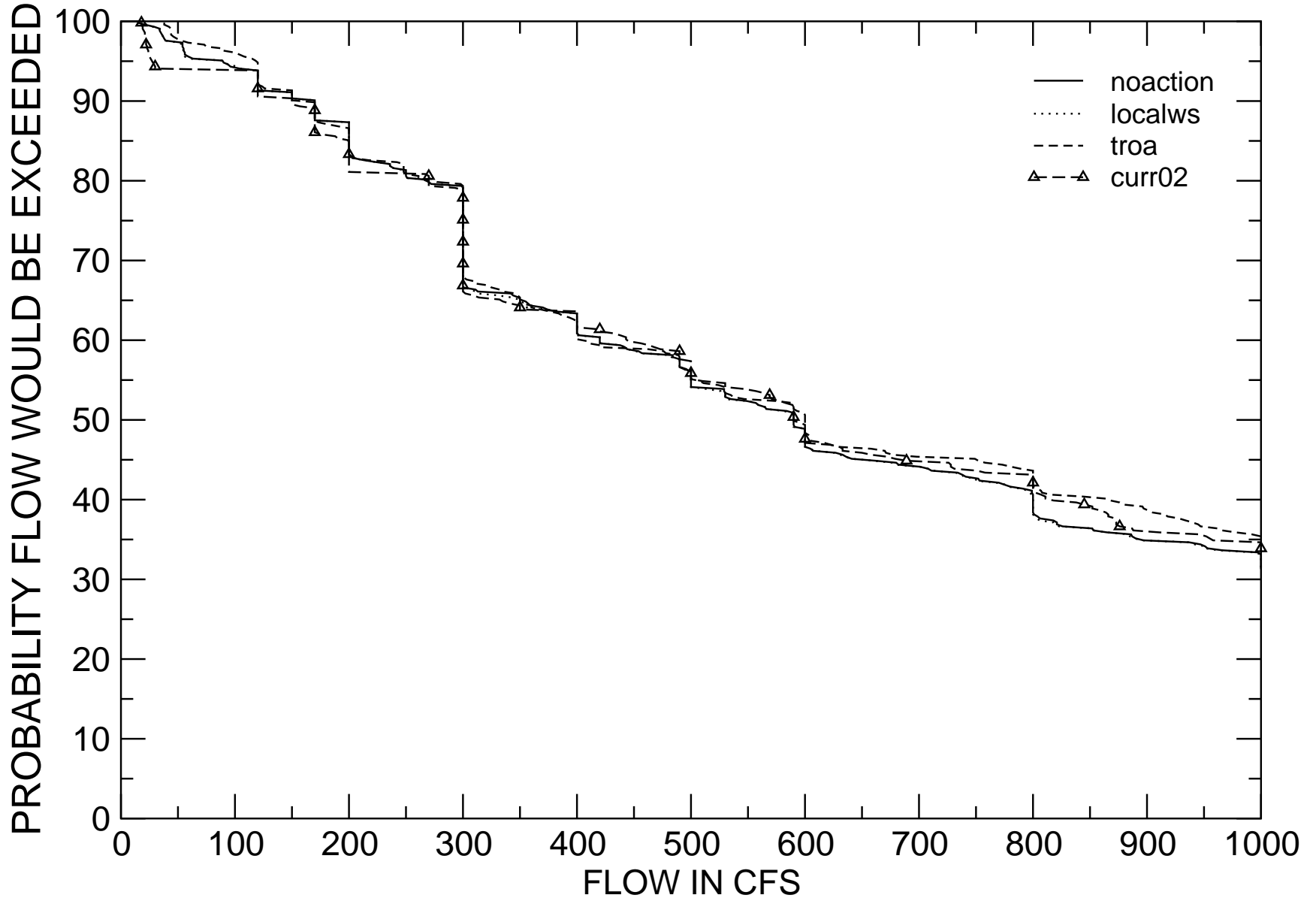
# TRUCKEE RIVER @ NIXON FEB-MAR

## TROA 2003 DRAFT EIS



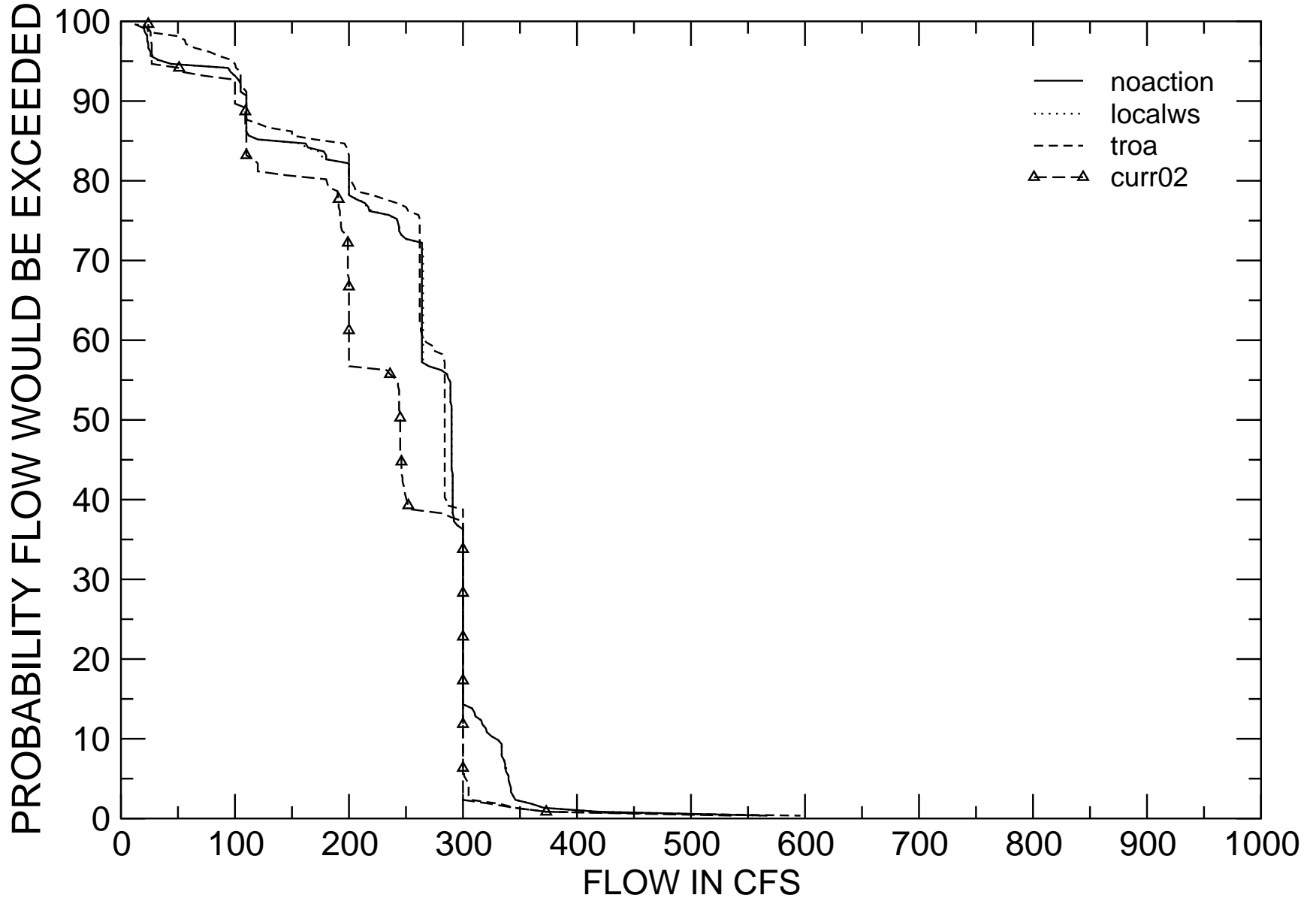
# TRUCKEE RIVER @ NIXON APR-JUL

## TROA 2003 DRAFT EIS



# TRUCKEE RIVER @ NIXON AUG-SEP

## TROA 2003 DRAFT EIS





# **Exhibit 12**

## **Truckee River Operations Model**

### **1901-2000 Simulated Monthly Hydropower**

#### **Production for Current Conditions and Alternatives**

# CURRENT CONDITIONS

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base    Current Conditions Analysis (150 cfs Bypass)  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	965.64	740.68	786.33	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13891.67
1902	802.17	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13222.77
1903	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1904	1350.66	1204.94	855.16	855.16	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14853.34
1905	1350.66	827.59	1350.66	1350.66	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1173.77	1100.34	14592.25
1906	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1907	1350.66	841.87	868.50	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1286.82	14935.28
1908	1350.66	827.59	1350.66	1350.66	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1167.56	1100.34	14399.98
1909	855.16	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1910	1350.66	1307.09	1350.66	1350.66	826.95	1350.66	1307.09	1350.66	1307.09	1350.66	1165.34	1100.34	15117.87
1911	855.16	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1912	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1173.20	1100.34	13414.62
1913	1044.55	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1166.56	1100.34	13074.31
1914	855.16	827.59	855.16	1197.87	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1166.13	1100.34	14279.63
1915	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1916	1350.66	827.59	855.16	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14971.50
1917	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1918	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1170.06	1100.34	13383.91
1919	855.16	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1166.13	1100.34	12884.48
1920	855.16	827.59	855.16	968.55	957.97	1137.04	1307.09	1350.66	1307.09	1350.66	1168.42	1100.34	13185.72
1921	855.16	653.52	768.14	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1137.04	1137.04	1100.34	12380.67
1922	975.29	827.59	855.16	855.16	772.41	1137.04	1125.21	1350.66	1307.09	1350.66	1350.66	1307.09	13214.01
1923	1139.78	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1297.21	13550.50
1924	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13799.17
1925	1087.64	776.62	796.12	638.15	771.37	983.11	1307.09	1350.66	1307.09	1144.17	1137.04	1100.34	12399.40
1926	890.01	604.19	723.31	715.46	702.86	1149.78	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	12758.86
1927	878.34	0.00	0.00	0.00	598.27	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	10800.52
1928	855.16	827.59	855.16	811.01	841.80	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13514.63
1929	876.51	910.34	875.35	797.08	710.15	932.70	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	12875.38
1930	1042.41	0.00	708.36	700.37	632.30	824.61	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	11460.92
1931	855.16	706.08	0.00	0.00	0.00	0.00	931.63	1137.40	0.00	0.00	0.00	0.00	3630.27
1932	0.00	0.00	0.00	0.00	0.00	0.00	1161.01	1350.66	1307.09	1137.04	1137.04	1100.34	7193.17
1933	1234.23	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	0.00	0.00	6549.73
1934	0.00	0.00	0.00	0.00	0.00	1099.68	1100.34	1137.04	0.00	0.00	0.00	0.00	3337.06
1935	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1137.04	730.43	7182.97
1936	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1137.04	1137.04	1100.34	8689.91
1937	1114.38	0.00	493.09	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	9160.34
1938	1327.98	0.00	1350.66	0.00	449.45	722.87	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	11824.22
1939	931.19	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1107.40	13152.10
1940	855.16	928.33	915.18	718.00	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1155.67	1100.34	13138.81
1941	1350.66	827.59	855.16	855.16	787.64	1168.70	1307.09	1350.66	1307.09	1350.66	1161.91	1100.34	13422.66
1942	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15423.43
1943	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	15003.06
1944	1350.66	827.59	855.16	855.16	799.98	1137.04	1270.91	1350.66	1307.09	1350.66	1343.46	1100.34	13548.70
1945	855.16	827.59	855.16	855.16	828.04	1137.04	1307.09	1350.66	1307.09	1175.56	1162.62	1100.34	12761.50
1946	1158.11	827.59	1310.57	1350.66	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1164.13	1100.34	14136.35
1947	1350.66	827.59	855.16	983.97	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13900.07
1948	855.16	917.53	815.53	777.77	874.92	984.41	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	12778.21
1949	855.16	654.65	675.35	661.70	614.62	0.00	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	11227.98
1950	1350.66	706.39	723.19	0.00	552.88	927.61	1307.09	1350.66	1307.09	1350.66	1137.04	1103.30	11816.57
1951	909.29	1307.09	1350.66	1350.66	1219.95	1317.27	1307.09	1350.66	1307.09	1154.09	1158.68	1100.34	14832.88
1952	1350.66	827.59	1157.54	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15273.88
1953	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15423.43
1954	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1955	855.16	945.58	855.16	988.13	846.49	1137.04	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	13180.43
1956	855.16	865.09	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15009.00
1957	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13984.88
1958	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1959	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1960	1132.34	1058.60	956.32	953.93	879.97	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14305.07

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base    Current Conditions Analysis (150 cfs Bypass)  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1042.41	598.27	469.72	474.32	435.07	0.00	1101.64	1137.04	1103.44	1167.92	893.78	690.41	9114.01
1962	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	7552.88
1963	1350.66	577.51	792.33	690.73	1219.95	761.54	1100.34	1350.66	1307.09	1137.04	1137.04	1100.34	12525.22
1964	855.16	745.65	855.16	855.16	637.25	961.76	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	12676.64
1965	860.38	889.25	1350.66	1350.66	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1162.27	1100.34	13913.27
1966	1350.66	1307.09	1350.66	1114.09	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15005.20
1967	855.16	891.22	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1283.80	13977.26
1968	1350.66	827.59	855.16	1060.56	1042.29	1350.66	1307.09	1350.66	1307.09	1350.66	1174.35	1100.34	14077.10
1969	855.16	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1970	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1162.27	1100.34	15028.29
1971	1350.66	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14927.93
1972	1350.66	827.59	855.16	855.16	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1171.78	1100.34	13626.82
1973	855.16	827.59	855.16	983.79	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1169.99	1118.61	13035.25
1974	1350.66	1254.68	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15850.52
1975	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1296.07	13973.87
1976	1350.66	827.59	907.84	855.16	1181.00	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14446.16
1977	1087.64	946.74	937.11	937.28	837.43	895.11	1307.09	1350.66	1307.09	1350.66	963.57	0.00	11920.38
1978	0.00	0.00	0.00	0.00	0.00	1068.65	1258.09	1350.66	1307.09	1137.04	1137.04	1100.34	8358.90
1979	916.11	0.00	692.75	0.00	0.00	540.19	1100.34	1350.66	1307.09	1350.66	1137.04	1100.34	9495.18
1980	1350.66	628.21	0.00	1350.66	1263.52	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13703.33
1981	777.07	827.59	855.16	855.16	772.41	1137.04	1100.34	1350.66	1307.09	1350.66	1350.66	1307.09	12990.92
1982	855.16	1307.09	1350.66	1288.93	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	15138.94
1983	1350.66	1307.09	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1277.27	15873.11
1984	1350.66	1307.09	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15946.50
1985	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1173.06	1100.34	13386.91
1986	855.16	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1137.04	1350.66	1271.52	13687.73
1987	1350.66	827.59	855.16	855.16	772.41	1137.04	1100.34	1350.66	1307.09	1350.66	1350.66	1307.09	13564.51
1988	1093.34	781.55	796.91	796.57	742.99	893.00	1307.09	1350.66	1307.09	951.47	0.00	0.00	10020.67
1989	0.00	0.00	0.00	0.00	557.57	1350.66	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	9461.11
1990	855.16	743.05	0.00	0.00	0.00	806.72	1307.09	1188.79	1116.10	1160.19	0.00	0.00	7177.11
1991	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1137.04	1100.34	983.64	0.00	0.00	4321.35
1992	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1137.04	0.00	0.00	0.00	0.00	2237.38
1993	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1350.66	1211.78	862.93	8740.87
1994	827.31	0.00	0.00	0.00	0.00	892.96	1307.09	1350.66	581.83	0.00	0.00	0.00	4959.85
1995	0.00	0.00	0.00	864.61	855.25	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1240.25	10976.93
1996	925.21	653.52	675.35	830.52	1263.52	1350.66	1307.09	1350.66	1307.09	1251.37	1350.66	1287.29	13552.94
1997	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1265.43	15381.77
1998	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1280.50	1100.34	14155.52
1999	1350.66	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1254.84	1350.66	1238.12	14763.14
2000	1350.66	827.59	855.16	855.16	862.34	1267.84	1307.09	1350.66	1307.09	1350.66	1271.08	1108.84	13714.17
AVERAGE	1010.76	704.46	782.33	814.45	797.16	1081.14	1282.68	1338.36	1254.61	1264.69	1161.83	1085.41	12577.95

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base      Current Conditions Analysis ( 50 cfs Bypass)  
(Energy in MEGAWATT-HOURS)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1902	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1903	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1904	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1905	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1906	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1907	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1908	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1909	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1910	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1911	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1912	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1913	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1914	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1915	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1916	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1917	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1918	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1919	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1920	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1921	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1922	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1923	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1924	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1925	1571.33	1520.64	1571.33	1503.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18433.13
1926	1571.33	1469.29	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18449.78
1927	1571.33	1430.57	1371.08	1350.94	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17990.41
1928	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1929	1571.33	1520.64	1546.66	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18476.45
1930	1571.33	1085.74	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18066.22
1931	1571.33	1520.64	1213.26	660.45	481.84	1264.49	1520.64	1571.33	832.29	0.00	0.00	0.00	10636.28
1932	0.00	0.00	425.81	1004.88	839.64	1364.08	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	12910.31
1933	1571.33	0.00	526.32	654.25	446.04	1109.81	1520.64	1571.33	1520.64	1571.33	985.26	0.00	11476.95
1934	0.00	0.00	510.59	509.58	759.03	1571.33	1520.64	1571.33	676.52	0.00	0.00	0.00	7119.01
1935	0.00	0.00	0.00	443.66	407.09	538.01	1520.64	1571.33	1520.64	1571.33	1571.33	1331.95	10475.98
1936	450.18	533.96	563.04	1096.09	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	14960.46
1937	1571.33	1306.34	1422.73	1425.17	1400.29	1419.68	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17821.44
1938	1571.33	1322.69	1571.33	1392.22	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18124.07
1939	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1940	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1941	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1942	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1943	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1944	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1945	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1946	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1947	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1948	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1949	1571.33	1505.05	1571.33	1548.46	1419.26	1377.89	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18269.23
1950	1571.33	1520.64	1571.33	1512.13	1408.37	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18431.03
1951	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1952	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1953	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1954	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1955	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1956	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1957	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1958	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1959	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1960	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base      Current Conditions Analysis ( 50 cfs Bypass)  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1571.33	1496.79	1358.75	1354.68	1232.91	1352.74	1520.64	1571.33	1520.64	1571.33	1540.39	1330.81	17422.33
1962	0.00	0.00	0.00	0.00	1035.61	1490.68	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	11802.19
1963	1571.33	1464.35	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18444.83
1964	1571.33	1520.64	1571.33	1571.33	1450.75	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18532.61
1965	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1966	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1967	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1968	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1969	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1970	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1971	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1972	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1973	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1974	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1975	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1976	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1977	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	809.97	17790.46
1978	441.86	0.00	1010.01	1440.51	1290.07	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15029.69
1979	1571.33	1328.89	1568.44	1370.43	1272.58	1444.61	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17832.18
1980	1571.33	1490.26	1381.73	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18331.83
1981	1563.78	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18493.57
1982	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1983	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1984	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1985	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1986	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1987	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1988	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	949.55	583.79	16993.19
1989	452.77	1133.18	923.55	791.27	1350.87	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15498.87
1990	1571.33	1520.64	1163.51	1278.00	1091.98	1571.33	1520.64	1571.33	1520.64	1571.33	395.36	422.90	15198.98
1991	0.00	0.00	0.00	0.00	0.00	1341.06	1520.64	1571.33	1520.64	1571.33	0.00	0.00	7525.00
1992	0.00	487.25	0.00	0.00	900.25	1311.12	1520.64	1571.33	384.26	0.00	0.00	0.00	6174.84
1993	0.00	0.00	429.64	1051.52	980.55	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1493.99	13282.29
1994	1571.33	0.00	617.92	822.84	898.49	1571.33	1520.64	1571.33	1333.08	853.59	726.35	572.95	12059.84
1995	423.62	813.65	797.53	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15872.62
1996	1571.33	1493.88	1563.69	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18517.41
1997	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1998	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1999	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
2000	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
AVERAGE	1416.09	1339.31	1409.58	1437.74	1347.41	1538.62	1520.64	1571.33	1492.08	1517.01	1475.88	1403.63	17469.17

# VERDI PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base      Current Conditions Analysis ( 50 cfs Bypass)  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1501.04	1366.06	1410.15	1500.22	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17652.92
1902	1361.49	1433.27	1463.70	1456.72	1344.35	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17560.98
1903	1521.24	1425.59	1461.96	1521.24	1356.12	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17787.58
1904	1521.24	1472.16	1458.75	1454.77	1423.09	1457.11	1422.77	1411.96	1447.05	1521.24	1521.24	1472.16	17583.53
1905	1521.24	1438.29	1521.24	1521.24	1340.54	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17839.44
1906	1521.24	1430.52	1462.61	1521.24	1374.02	1521.24	1396.81	1457.92	1472.16	1521.24	1521.24	1472.16	17672.39
1907	1521.24	1440.87	1516.28	1521.24	1374.02	1496.46	1326.63	1340.89	1354.40	1507.16	1521.24	1472.16	17392.58
1908	1521.24	1438.50	1521.24	1521.24	1391.31	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17890.41
1909	1405.70	1428.53	1459.55	1521.24	1374.02	1521.24	1472.16	1479.03	1472.16	1521.24	1521.24	1472.16	17648.27
1910	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.19	1467.62	17906.75
1911	1405.70	1429.34	1484.45	1521.24	1374.02	1521.24	1371.60	1428.59	1412.50	1521.24	1521.24	1472.16	17463.33
1912	1521.24	1438.63	1476.37	1463.96	1364.33	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.87	17761.68
1913	1521.24	1429.84	1457.77	1512.81	1337.55	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.61	17756.10
1914	1405.69	1432.61	1521.24	1521.24	1374.02	1521.24	1472.16	1490.72	1472.16	1521.24	1521.24	1472.16	17725.72
1915	1521.24	1428.23	1476.27	1484.38	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17785.58
1916	1521.24	1420.84	1476.24	1521.24	1423.09	1521.24	1429.39	1521.24	1472.16	1521.24	1521.24	1472.16	17821.30
1917	1521.24	1437.67	1504.87	1464.47	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17803.71
1918	1521.24	1419.94	1459.88	1457.41	1370.00	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17729.91
1919	1406.31	1429.70	1460.45	1458.71	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17626.09
1920	1405.69	1428.93	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17797.08
1921	1406.27	1339.56	1466.74	1521.24	1348.35	1521.24	1472.16	1521.24	1472.16	1513.03	1513.56	1467.62	17563.18
1922	1510.80	1419.82	1519.86	1486.80	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17812.74
1923	1521.24	1435.41	1521.24	1521.24	1368.78	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17869.33
1924	1521.24	1426.03	1460.08	1458.52	1361.69	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17728.98
1925	1521.24	1404.55	1429.20	1295.11	1374.02	1521.24	1472.16	1521.24	1472.16	1515.04	1513.56	1468.23	17507.73
1926	1435.43	1280.96	1364.00	1383.12	1327.57	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17292.52
1927	1425.11	1302.83	1200.52	1171.49	1333.49	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16934.88
1928	1406.71	1441.29	1469.61	1427.05	1387.96	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17634.07
1929	1423.57	1471.68	1339.56	1416.87	1292.71	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17445.82
1930	1521.24	932.88	1424.41	1429.59	1278.65	1463.91	1472.16	1521.24	1472.16	1521.24	1513.56	1467.69	17018.74
1931	1405.68	1365.42	1041.21	566.34	400.68	1084.92	1472.16	1521.24	696.79	0.00	0.00	0.00	9554.43
1932	0.00	0.00	463.99	937.62	795.96	1190.50	1472.16	1521.24	1472.16	1512.48	1513.08	1467.18	12346.38
1933	1521.24	0.00	434.39	643.42	398.32	967.90	1472.16	1521.24	1472.16	1521.24	821.37	0.00	10773.44
1934	0.00	0.00	512.84	443.04	658.75	1521.24	1472.16	1521.24	572.67	0.00	0.00	0.00	6701.94
1935	0.00	0.00	0.00	393.04	334.84	471.84	1472.16	1521.24	1472.16	1521.24	1513.08	1137.41	9837.01
1936	0.00	463.21	475.38	974.71	1423.09	1521.24	1472.16	1521.24	1472.16	1513.02	1513.57	1467.62	13817.40
1937	1521.24	1132.22	1253.52	1276.08	1294.07	1268.59	1472.16	1521.24	1472.16	1521.24	1513.57	1467.62	16713.71
1938	1521.24	1155.84	1521.24	1230.49	1374.02	1521.24	1472.16	1421.92	1472.16	1521.24	1521.24	1472.16	17204.95
1939	1470.19	1428.59	1461.70	1486.29	1345.58	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1469.52	17691.14
1940	1405.70	1472.16	1496.88	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1518.74	1467.63	17813.48
1941	1521.24	1432.32	1521.24	1514.38	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1520.36	1467.62	17859.21
1942	1521.24	1430.53	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17869.70
1943	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1513.96	1468.22	17900.12
1944	1521.24	1439.82	1477.38	1490.34	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17848.76
1945	1405.71	1469.77	1491.08	1460.57	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1520.55	1467.62	17697.36
1946	1521.24	1453.95	1521.24	1521.24	1346.60	1521.24	1472.16	1521.24	1472.16	1521.24	1520.92	1467.62	17860.84
1947	1521.24	1472.16	1496.95	1521.24	1324.64	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17837.67
1948	1405.68	1472.16	1429.37	1404.36	1412.54	1521.24	1472.16	1521.24	1472.16	1521.24	1513.56	1467.61	17613.32
1949	1405.68	1307.76	1382.31	1348.74	1239.88	1210.23	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	16870.26
1950	1521.24	1343.57	1374.96	1388.40	1251.50	1521.24	1472.16	1521.24	1472.16	1521.24	1513.56	1468.42	17369.70
1951	1467.72	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1518.30	1519.52	1467.62	17848.63
1952	1521.24	1450.10	1521.24	1521.24	1423.09	1521.24	1394.85	1266.96	1472.16	1521.24	1521.24	1472.16	17606.74
1953	1521.24	1457.72	1521.24	1521.24	1374.02	1521.24	1472.16	1513.98	1472.16	1521.24	1521.24	1472.16	17889.63
1954	1521.24	1438.60	1466.33	1484.55	1373.84	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17786.00
1955	1405.70	1472.16	1503.83	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1513.56	1467.62	17766.16
1956	1405.69	1441.60	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17814.30
1957	1521.24	1453.96	1474.15	1492.69	1365.56	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17809.03
1958	1521.24	1441.53	1499.97	1497.57	1374.02	1521.24	1472.16	1452.89	1472.16	1521.24	1521.24	1472.16	17767.42
1959	1521.24	1456.63	1466.88	1470.77	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17790.97
1960	1521.24	1472.16	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17960.41

## VERDI PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base      Current Conditions Analysis ( 50 cfs Bypass)  
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 1901-2000

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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1521.24	1322.05	1174.30	1165.74	1062.83	1174.11	1472.16	1521.24	1468.58	1521.24	1325.00	1165.16	15893.65
1962	0.00	0.00	0.00	0.00	1060.99	1361.98	1472.16	1521.24	1472.16	1521.24	1513.53	1467.60	11390.90
1963	1521.24	1286.72	1419.46	1438.55	1374.02	1486.08	1472.16	1521.24	1472.16	1513.35	1513.56	1467.62	17486.17
1964	1422.91	1448.75	1473.64	1482.21	1256.08	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.61	17580.47
1965	1410.04	1470.59	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17798.55
1966	1521.24	1472.16	1521.24	1521.24	1335.42	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17872.73
1967	1405.68	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1448.08	1521.24	1521.24	1472.16	17771.70
1968	1521.24	1420.70	1492.83	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1468.55	17876.92
1969	1424.21	1431.79	1498.55	1521.24	1374.02	1521.24	1430.99	1393.56	1472.16	1521.24	1521.24	1472.16	17582.38
1970	1521.24	1437.05	1521.24	1482.50	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1520.42	1467.63	17832.14
1971	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1514.68	1472.16	1521.24	1521.24	1472.16	17904.78
1972	1521.24	1451.23	1521.24	1498.94	1385.63	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.62	17875.17
1973	1434.37	1439.23	1499.04	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17769.34
1974	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1975	1521.24	1447.50	1473.08	1459.65	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17776.92
1976	1521.24	1432.83	1492.19	1455.96	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17826.74
1977	1521.24	1472.16	1513.98	1509.48	1366.27	1480.72	1472.16	1521.24	1472.16	1521.24	1412.46	680.62	16943.74
1978	0.00	0.00	925.88	1297.05	1156.42	1521.24	1472.16	1521.24	1472.16	1512.93	1513.47	1467.54	13860.09
1979	1457.13	1164.71	1362.54	1199.60	1132.44	1260.46	1472.16	1521.24	1472.16	1521.24	1513.55	1467.61	16544.83
1980	1521.24	1299.27	1215.69	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17481.96
1981	1341.12	1418.81	1469.41	1492.41	1325.27	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17548.46
1982	1405.67	1472.16	1521.24	1521.24	1356.49	1521.24	1469.86	1467.78	1472.16	1521.24	1521.24	1472.16	17722.47
1983	1521.24	1472.16	1521.24	1521.24	1374.02	1504.94	1449.85	1337.94	1241.92	1521.24	1521.24	1472.16	17459.19
1984	1521.24	1419.46	1494.92	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17881.38
1985	1521.24	1472.16	1479.68	1461.43	1329.05	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1468.96	17761.80
1986	1426.64	1437.92	1503.02	1485.55	1345.47	1454.00	1456.47	1521.24	1472.16	1521.24	1521.24	1472.16	17617.11
1987	1521.24	1422.19	1468.26	1471.00	1331.27	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17715.39
1988	1521.24	1384.47	1424.22	1440.63	1328.03	1480.52	1472.16	1521.24	1472.16	1396.48	798.92	471.79	15711.86
1989	372.09	974.54	788.11	668.58	1169.25	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1467.88	14469.71
1990	1407.15	1356.21	998.39	1104.41	939.91	1436.17	1472.16	1521.24	1470.26	1519.32	0.00	0.00	13225.22
1991	0.00	0.00	0.00	0.00	0.00	1157.08	1472.16	1521.24	1465.94	1445.58	0.00	0.00	7062.00
1992	0.00	401.36	0.00	0.00	760.09	1111.31	1472.16	1521.24	0.00	0.00	0.00	0.00	5266.16
1993	0.00	0.00	0.00	898.43	837.94	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1281.85	12047.49
1994	1383.60	0.00	521.08	704.38	763.22	1484.54	1472.16	1521.24	1147.91	709.43	596.08	461.84	10765.48
1995	0.00	686.67	675.97	1516.17	1372.26	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14752.51
1996	1466.40	1292.19	1363.93	1466.17	1423.09	1521.24	1472.16	1498.89	1472.16	1521.24	1521.24	1472.16	17490.87
1997	1521.24	1421.80	1521.24	1250.36	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17590.09
1998	1521.24	1432.80	1486.09	1489.17	1374.02	1521.24	1472.16	1516.54	1472.16	1521.24	1521.24	1472.16	17800.06
1999	1521.24	1430.42	1510.25	1521.24	1374.02	1521.24	1472.16	1501.03	1472.16	1521.24	1521.24	1472.16	17838.40
2000	1521.24	1415.58	1465.21	1482.50	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1469.89	17806.78
AVERAGE	1323.02	1252.89	1316.48	1350.32	1277.98	1471.81	1466.44	1507.58	1432.77	1464.81	1417.42	1345.94	16627.38

# WASHOE PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base      Current Conditions Analysis ( 50 cfs Bypass)  
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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1372.25	1214.84	1245.63	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16235.57
1902	1178.47	1316.66	1322.07	1307.51	1244.73	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16091.82
1903	1408.38	1299.17	1318.39	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16428.80
1904	1408.38	1362.95	1311.68	1303.51	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16426.42
1905	1408.38	1328.58	1408.38	1408.38	1235.54	1408.38	1362.95	1408.38	1362.95	1408.38	1404.79	1347.46	16492.56
1906	1408.38	1310.30	1319.76	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16441.29
1907	1408.38	1329.22	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16548.84
1908	1408.38	1329.08	1408.38	1408.38	1286.61	1408.38	1362.95	1408.38	1362.95	1408.38	1400.71	1347.48	16540.08
1909	1230.00	1305.76	1313.35	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16251.97
1910	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1399.27	1347.48	16557.98
1911	1230.01	1307.61	1368.59	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16309.07
1912	1408.38	1329.38	1349.81	1322.61	1226.44	1408.38	1362.95	1408.38	1362.95	1408.38	1404.40	1348.45	16340.51
1913	1408.38	1308.75	1309.67	1408.38	1228.49	1408.38	1362.95	1408.38	1362.95	1408.38	1400.04	1347.45	16362.21
1914	1229.98	1315.12	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16356.34
1915	1408.38	1305.09	1349.57	1368.42	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16425.94
1916	1408.38	1288.73	1349.51	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16494.91
1917	1408.38	1327.08	1408.38	1323.70	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16462.01
1918	1408.38	1286.80	1314.03	1308.91	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1402.34	1362.95	16306.56
1919	1231.21	1308.42	1315.23	1311.61	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1399.77	1347.47	16136.85
1920	1229.99	1306.67	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1401.27	1347.47	16370.73
1921	1231.13	1198.31	1359.36	1408.38	1254.71	1408.38	1362.95	1408.38	1362.95	1379.52	1380.63	1347.47	16102.19
1922	1392.94	1286.53	1408.38	1374.22	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16456.54
1923	1408.38	1321.68	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16541.29
1924	1408.38	1300.14	1314.31	1311.20	1221.00	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16277.42
1925	1408.38	1273.78	1276.17	1117.05	1272.09	1408.38	1362.95	1408.38	1362.95	1384.15	1380.62	1349.81	16004.72
1926	1268.62	1124.26	1191.23	1224.04	1230.81	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15761.35
1927	1254.53	1201.97	1047.55	1012.68	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15511.21
1928	1232.00	1335.89	1334.78	1266.93	1261.03	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16153.01
1929	1252.54	1362.95	1169.39	1253.62	1159.13	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15920.02
1930	1408.38	747.43	1296.13	1307.88	1159.03	1334.07	1362.95	1408.38	1362.95	1408.38	1380.62	1347.75	15523.98
1931	1229.97	1225.02	845.42	564.52	433.77	892.39	1362.95	1408.38	0.00	0.00	0.00	0.00	7962.43
1932	0.00	0.00	492.39	720.30	628.47	887.13	1362.95	1408.38	1362.95	1157.07	1149.01	1130.62	10299.27
1933	1408.38	0.00	381.69	558.41	336.70	695.81	1362.95	1408.38	1362.95	1408.38	423.56	0.00	9347.23
1934	0.00	0.00	508.79	368.54	506.70	1408.38	1362.95	1313.79	0.00	0.00	0.00	0.00	5469.15
1935	0.00	0.00	0.00	0.00	0.00	382.25	1362.95	1408.38	1362.95	1408.38	1149.01	650.04	7723.97
1936	0.00	401.74	418.62	717.68	1317.52	1408.38	1362.95	1408.38	1362.95	1159.23	1150.99	1132.48	11840.92
1937	1355.43	857.51	1047.55	1050.07	1168.00	1043.77	1362.95	1408.38	1346.56	1408.38	1150.99	1132.48	14332.08
1938	1408.38	901.89	1408.38	977.44	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1289.52	15617.13
1939	1153.26	1237.06	1256.72	1287.98	1169.32	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1137.59	15601.36
1940	1057.41	1348.17	1314.19	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1164.73	1132.51	15693.97
1941	1408.38	1245.87	1408.38	1367.39	1258.23	1408.38	1362.95	1408.38	1362.95	1408.38	1169.23	1132.49	15941.02
1942	1408.38	1241.63	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1292.80	16391.10
1943	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1152.60	1135.03	16098.86
1944	1408.38	1264.21	1291.84	1298.26	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1301.22	1132.49	15964.97
1945	1057.44	1351.22	1325.33	1228.34	1272.09	1408.38	1362.95	1408.38	1362.95	1187.25	1169.75	1132.50	15266.59
1946	1408.38	1301.84	1408.38	1408.38	1171.97	1408.38	1362.95	1408.38	1362.95	1408.38	1170.78	1132.49	15953.27
1947	1408.38	1362.95	1340.73	1408.38	1119.41	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16362.23
1948	1057.38	1334.01	1207.08	1148.45	1232.40	1408.38	1362.95	1408.38	1362.95	1408.38	1150.94	1132.45	15213.77
1949	1057.38	1074.37	1171.76	1094.89	1016.19	925.10	1362.95	1408.38	1362.95	1408.38	1406.75	1132.47	14421.57
1950	1408.38	1115.65	1144.30	1218.40	1054.40	1408.38	1362.95	1408.38	1362.95	1408.38	1150.98	1134.60	15177.76
1951	1160.23	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1173.87	1166.88	1132.50	15627.94
1952	1408.38	1291.11	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1285.99	16479.21
1953	1408.38	1312.76	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1293.02	16462.45
1954	1408.38	1261.17	1266.79	1283.67	1253.98	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16196.37
1955	1057.41	1362.95	1359.77	1408.38	1248.28	1408.38	1362.95	1408.38	1362.95	1408.38	1150.95	1132.48	15671.28
1956	1057.40	1252.81	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1291.79	16095.71
1957	1408.38	1301.88	1284.36	1304.36	1225.88	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1294.60	16178.91
1958	1408.38	1268.55	1348.94	1317.41	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1291.26	16266.06
1959	1408.38	1309.54	1268.01	1251.01	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16231.41
1960	1367.28	1362.95	1374.74	1372.85	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1406.76	1362.95	16516.09



## WASHOE PLANT MONTHLY ENERGY PRODUCTION

TROA.In.CurrCond.Base    Current Conditions Analysis ( 50 cfs Bypass)  
(Energy in MEGAWATT-HOURS)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1307.92	1114.43	905.90	844.25	774.60	856.33	1362.95	1325.99	1137.75	1181.47	791.81	692.76	12296.18
1962	0.00	0.00	0.00	0.00	955.28	1168.67	1362.95	1408.38	1362.95	1408.38	1150.85	1132.38	9949.85
1963	1408.38	1066.10	1197.20	1242.37	1272.09	1313.90	1362.95	1408.38	1362.95	1160.57	1150.98	1132.47	15078.33
1964	1090.97	1316.52	1283.19	1277.93	1010.46	1385.18	1362.95	1408.38	1362.95	1408.38	1349.23	1132.44	15388.58
1965	1063.22	1327.44	1408.38	1408.38	1266.33	1408.38	1362.95	1408.38	1362.95	1408.38	1245.76	1165.57	15836.12
1966	1408.38	1362.95	1408.38	1408.38	1144.25	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16454.73
1967	1057.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1269.12	16137.74
1968	1408.38	1219.06	1329.84	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1178.05	1136.45	15948.73
1969	1093.50	1244.60	1345.04	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1290.28	16013.31
1970	1408.38	1257.33	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1169.36	1132.53	16007.50
1971	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1290.13	16509.75
1972	1408.38	1294.22	1408.38	1321.18	1194.05	1408.38	1362.95	1408.38	1362.95	1408.38	1176.20	1132.48	15885.94
1973	1113.71	1262.74	1346.39	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1174.84	1145.58	15674.78
1974	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1295.42	16515.03
1975	1408.38	1284.10	1281.91	1226.36	1271.69	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1277.14	16109.01
1976	1408.38	1247.08	1305.33	1218.45	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16219.15
1977	1337.76	1362.95	1353.25	1313.85	1199.00	1249.81	1362.95	1408.38	1362.95	1408.38	951.20	382.88	14693.38
1978	0.00	0.00	728.89	1079.82	951.68	1408.38	1362.95	1408.38	1362.95	1158.85	1150.59	1132.14	11744.63
1979	1131.82	918.92	1134.23	916.80	922.44	987.70	1362.95	1408.38	1362.95	1408.38	1150.91	1132.44	13837.94
1980	1408.38	1069.56	991.81	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1293.69	15848.77
1981	962.29	1214.87	1273.63	1303.65	1120.82	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15597.64
1982	1057.36	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1206.69	16075.28
1983	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1262.59	16482.21
1984	1408.38	1362.95	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1291.51	16556.55
1985	1408.38	1362.95	1297.27	1230.22	1129.38	1408.38	1362.95	1408.38	1362.95	1408.38	1177.05	1138.19	15694.49
1986	1098.28	1259.49	1357.46	1286.15	1272.09	1408.38	1362.95	1408.38	1362.95	1256.01	1408.38	1261.60	15742.13
1987	1408.38	1222.41	1271.07	1251.53	1134.49	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16010.26
1988	1342.28	1162.48	1204.32	1209.58	1095.60	1250.30	1362.95	1408.38	1362.95	940.23	457.03	0.00	12796.09
1989	0.00	706.58	615.87	516.93	933.30	1408.38	1362.95	1408.38	1362.95	1408.38	1198.00	1133.56	12055.29
1990	1060.52	1124.82	733.98	776.46	663.23	1189.65	1362.95	1348.94	1139.58	1175.68	0.00	0.00	10575.80
1991	0.00	0.00	0.00	0.00	0.00	825.00	1362.95	1313.75	1128.02	1039.72	0.00	0.00	5669.44
1992	0.00	340.07	0.00	0.00	561.07	759.72	1362.95	1313.67	0.00	0.00	0.00	0.00	4337.48
1993	0.00	0.00	0.00	652.84	602.05	1408.38	1362.95	1408.38	1362.95	1408.38	1203.24	778.41	10187.59
1994	1040.65	0.00	450.02	543.66	558.53	1260.22	1362.95	1408.38	677.41	385.59	0.00	0.00	7687.40
1995	0.00	538.66	551.90	1369.64	1209.24	1408.38	1362.95	1408.38	1362.95	1408.38	1371.76	1263.34	13255.59
1996	1148.30	1050.59	1142.01	1250.38	1317.52	1408.38	1362.95	1408.38	1362.95	1317.80	1408.38	1271.80	15449.45
1997	1408.38	1221.54	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1383.16	1408.38	1302.70	16355.69
1998	1408.38	1247.01	1312.78	1295.28	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1320.77	1232.26	16039.61
1999	1408.38	1241.35	1378.84	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1326.48	1408.38	1265.00	16251.58
2000	1408.38	1207.80	1264.32	1278.62	1275.97	1408.38	1362.95	1408.38	1362.95	1408.38	1248.24	1138.57	15772.94
AVERAGE	1162.69	1115.35	1177.25	1199.85	1148.17	1338.94	1362.95	1404.12	1308.21	1324.37	1227.49	1140.37	14909.84

# NO ACTION ALTERNATIVE

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (150 cfs Bypass)  
(Energy in MEGAWATT-HOURS)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	965.64	721.74	783.63	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1146.47	13709.41
1902	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1289.04	13753.21
1903	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1231.71	1100.34	13445.57
1904	1350.66	1179.41	855.16	855.16	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1140.92	14661.65
1905	1350.66	827.59	1350.66	1350.66	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1228.99	1100.34	14647.46
1906	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1907	1350.66	841.87	868.50	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1133.93	14782.39
1908	1350.66	827.59	1350.66	1350.66	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1223.45	1100.34	14455.87
1909	855.16	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1140.92	14266.26
1910	1350.66	1307.09	1350.66	1350.66	814.32	1350.66	1307.09	1350.66	1307.09	1350.66	1221.41	1100.34	15161.30
1911	1050.02	865.05	920.02	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1135.36	14557.88
1912	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1228.29	1100.34	13469.70
1913	1350.66	827.59	855.16	855.16	794.46	1137.04	1307.09	1350.66	1307.09	1350.66	1222.82	1100.34	13458.72
1914	855.16	825.03	827.15	1165.06	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1288.30	14197.46
1915	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1278.28	13742.45
1916	1350.66	827.59	855.16	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1277.13	14941.54
1917	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1281.11	14406.44
1918	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1225.55	1100.34	13439.40
1919	855.16	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1222.12	1100.34	12940.46
1920	916.54	827.59	855.16	935.23	1143.66	1137.04	1307.09	1350.66	1307.09	1350.66	1224.15	1100.34	13455.21
1921	855.16	653.52	696.08	830.89	772.41	1350.66	1307.09	1350.66	1307.09	1277.07	1226.81	1100.34	12727.77
1922	975.38	827.59	855.16	855.16	772.41	1137.04	1100.34	1350.66	1307.09	1350.66	1350.66	1288.84	13170.98
1923	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1217.69	1093.33	13424.54
1924	1350.66	827.59	855.16	855.16	799.98	1137.04	1248.40	1350.66	1307.09	1350.66	1350.66	1307.09	13740.48
1925	1163.41	773.38	792.27	0.00	834.28	974.37	1307.09	1350.66	1307.09	1287.97	1229.69	1100.34	12120.55
1926	875.82	544.98	808.54	786.33	738.83	985.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	12713.42
1927	733.90	676.64	0.00	0.00	670.03	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1148.60	11245.99
1928	1114.67	827.59	855.16	675.35	631.75	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13428.43
1929	1012.67	908.38	774.27	793.75	708.19	880.39	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13050.90
1930	971.98	0.00	703.99	615.40	630.03	1233.39	1307.09	1350.66	1307.09	1350.66	1232.41	1100.34	11803.04
1931	855.16	702.44	0.00	0.00	0.00	0.00	911.46	1140.93	868.04	0.00	0.00	0.00	4478.03
1932	0.00	0.00	0.00	0.00	0.00	0.00	1108.63	1350.66	1307.09	1219.10	1137.04	1100.34	7222.85
1933	1063.65	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1314.03	578.05	0.00	6920.56
1934	0.00	0.00	0.00	0.00	0.00	1078.34	1100.34	1137.04	0.00	0.00	0.00	0.00	3315.71
1935	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1231.92	947.64	7495.06
1936	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1204.51	1137.04	1100.34	8757.39
1937	1137.18	0.00	690.20	0.00	0.00	0.00	1307.09	1350.66	1307.09	1304.67	1225.55	1100.34	9422.79
1938	1350.66	0.00	1350.66	0.00	432.89	676.22	1307.09	1350.66	1307.09	1350.66	1350.66	1215.15	11691.74
1939	1292.82	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1229.69	1107.40	13392.76
1940	986.01	878.53	945.44	675.42	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1217.27	1100.34	13269.14
1941	1350.66	827.59	855.16	855.16	774.86	1137.04	1307.09	1350.66	1307.09	1350.66	1222.82	1100.34	13439.12
1942	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15423.43
1943	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1206.91	1100.34	15072.93
1944	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1224.15	1100.34	13465.57
1945	855.16	827.59	855.16	855.16	839.27	1137.04	1307.09	1350.66	1307.09	1265.70	1223.45	1100.34	12923.70
1946	1350.66	827.59	1000.08	1350.66	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1223.45	1100.34	14077.72
1947	1350.66	827.59	855.16	974.76	863.64	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13982.10
1948	855.16	1024.50	933.09	703.66	873.75	983.26	1307.09	1350.66	1307.09	1350.66	1233.11	1100.34	13022.37
1949	1040.49	653.52	675.35	579.77	638.24	545.02	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	11898.89
1950	1350.66	702.76	718.89	0.00	532.74	906.14	1307.09	1350.66	1307.09	1350.66	1226.88	1101.71	11855.28
1951	950.51	1307.09	1350.66	1350.66	1219.95	1137.04	1307.09	1350.66	1307.09	1260.10	1219.38	1100.34	14860.57
1952	1350.66	827.59	1023.22	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1128.36	14960.83
1953	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1138.14	15254.48
1954	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1226.25	1100.34	13440.10
1955	929.91	1067.57	855.16	984.04	912.22	1137.04	1307.09	1350.66	1307.09	1350.66	1232.41	1100.34	13534.19
1956	855.16	862.54	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1267.12	14966.48
1957	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1293.86	13971.66
1958	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1240.05	14365.38
1959	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1960	1331.07	1010.48	954.36	952.16	878.81	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14450.80

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (150 cfs Bypass)  
(Energy in MEGAWATT-HOURS)

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YEAR	1901-2000												TOTAL
	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	
1961	1039.67	702.07	668.42	492.71	412.13	458.16	1104.52	1142.23	1257.13	1287.49	755.65	459.28	9779.47
1962	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1232.34	1100.34	7648.18
1963	1350.66	555.80	924.76	663.92	1219.95	720.47	1100.34	1350.66	1307.09	1180.83	1137.04	1100.34	12611.87
1964	855.16	677.29	734.83	675.35	631.75	971.64	1307.09	1350.66	1307.09	1350.66	1350.05	1100.34	12311.91
1965	860.38	887.02	1350.66	1350.66	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	13911.04
1966	1224.08	1028.11	1350.66	975.63	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	14254.42
1967	855.16	947.94	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1176.32	13926.51
1968	1350.66	827.59	855.16	1029.68	1027.81	1350.66	1307.09	1350.66	1307.09	1350.66	1230.32	1100.34	14087.71
1969	1078.56	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1306.01	14654.75
1970	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1220.01	1100.34	15086.03
1971	1350.66	827.59	855.16	1302.84	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1202.78	14775.80
1972	1350.66	827.59	855.16	855.16	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1226.25	1100.34	13681.29
1973	855.16	827.59	855.16	915.96	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1248.73	1084.28	13011.82
1974	1350.66	1234.00	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1305.74	15828.49
1975	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1137.43	13815.22
1976	1350.66	827.59	890.92	855.16	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14048.21
1977	1207.62	934.34	934.79	935.23	798.56	886.80	1307.09	1350.66	1307.09	1350.66	1239.26	508.06	12760.15
1978	0.00	0.00	0.00	614.91	0.00	999.33	1305.14	1350.66	1307.09	1225.55	1137.04	1103.30	9043.02
1979	915.61	0.00	756.20	0.00	0.00	532.26	1064.80	1350.66	1297.88	1350.66	1233.67	1100.34	9602.07
1980	1350.66	601.40	581.77	1350.66	1263.52	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1138.78	14090.00
1981	954.91	827.59	855.16	855.16	772.41	1137.04	1241.21	1350.66	1307.09	1350.66	1350.66	1100.34	13102.88
1982	1140.86	1307.09	1350.66	1259.89	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	15395.61
1983	1350.66	1307.09	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1204.52	15800.36
1984	1350.66	1307.09	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1303.48	15942.89
1985	1350.66	827.35	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1227.58	1100.34	13441.19
1986	934.68	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1034.94	1319.30	1168.57	13530.84
1987	1350.66	827.59	855.16	855.16	772.41	1137.04	1236.27	1350.66	1307.09	1350.66	1350.66	1307.09	13700.44
1988	895.11	774.11	793.12	793.18	741.12	890.14	1307.09	1350.66	1307.09	1149.64	533.66	0.00	10534.91
1989	0.00	0.00	0.00	0.00	536.43	1350.66	1307.09	1350.66	1307.09	1350.66	1173.20	1100.34	9476.14
1990	855.16	647.51	0.00	0.00	0.00	619.17	1307.09	1141.80	1300.28	1283.93	0.00	0.00	7154.94
1991	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1137.04	1100.34	931.68	0.00	0.00	4269.40
1992	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1030.34	0.00	0.00	0.00	0.00	2130.68
1993	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1350.66	1220.99	929.20	8816.35
1994	852.30	0.00	0.00	0.00	0.00	885.51	1307.09	1350.66	762.16	0.00	0.00	0.00	5157.72
1995	0.00	0.00	0.00	844.68	839.99	1350.66	1307.09	1350.66	1307.09	1350.66	1212.41	1127.64	10690.89
1996	1350.66	653.52	675.35	811.23	1263.52	1350.66	1307.09	1350.66	1307.09	1191.21	1350.66	1298.81	13910.46
1997	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1296.30	1350.66	1307.09	15369.07
1998	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1120.69	1100.34	13995.71
1999	1350.66	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1194.75	1311.05	1287.09	14712.41
2000	1350.66	827.59	855.16	855.16	852.54	1186.09	1307.09	1350.66	1307.09	1350.66	1232.41	1108.84	13583.95
AVERAGE	1047.09	707.95	790.98	804.17	794.96	1088.15	1284.39	1336.91	1268.38	1272.61	1185.08	1056.31	12637.06

# FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base    Future No Action Analysis (50 cfs Bypass)  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1902	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1903	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1904	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1905	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1906	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1907	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1908	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1909	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1910	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1911	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1912	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1913	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1914	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1915	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1916	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1917	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1918	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1919	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1920	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1921	1571.33	1511.14	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18491.63
1922	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1923	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1924	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1925	1571.33	1520.64	1571.33	1330.68	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18260.47
1926	1571.33	1410.49	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18390.97
1927	1561.02	1520.64	1341.08	1339.61	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18028.86
1928	1571.33	1520.64	1571.33	1537.90	1436.10	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18484.53
1929	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1930	1571.33	716.38	1571.33	1528.16	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17653.70
1931	1571.33	1520.64	950.53	586.96	513.88	1232.69	1520.64	1571.33	1520.64	770.01	0.00	0.00	11758.65
1932	0.00	0.00	0.00	909.44	753.90	1346.56	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	12285.80
1933	1571.33	0.00	596.60	644.76	567.13	1047.71	1520.64	1571.33	1520.64	1571.33	1359.36	0.00	11970.82
1934	0.00	0.00	455.58	465.21	729.61	1571.33	1520.64	1571.33	797.31	593.91	412.65	0.00	8117.56
1935	0.00	0.00	0.00	0.00	369.18	451.17	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	10096.26
1936	698.75	663.01	594.97	888.31	1469.28	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15161.55
1937	1571.33	1310.26	1566.06	1394.01	1357.84	1393.21	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17868.61
1938	1571.33	1315.91	1571.33	1361.30	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18086.36
1939	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1940	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1941	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1942	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1943	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1944	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1945	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1946	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1947	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1948	1571.33	1520.64	1571.33	1563.82	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18544.30
1949	1571.33	1502.46	1550.71	1460.97	1419.26	1435.61	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18216.25
1950	1571.33	1520.64	1571.33	1477.75	1370.15	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18358.43
1951	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1952	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1953	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1954	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1955	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1956	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1957	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1958	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1959	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1960	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
(Energy in MEGAWATT-HOURS)

PAGE NO. 1

YEAR	1901-2000												TOTAL
	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	
1961	1571.33	1520.64	1531.05	1371.36	1210.72	1351.51	1520.64	1571.33	1520.64	1571.33	1521.21	1249.69	17511.43
1962	0.00	0.00	0.00	0.00	940.25	1466.56	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	11682.71
1963	1571.33	1425.40	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18405.88
1964	1571.33	1520.64	1571.33	1550.16	1444.23	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18504.92
1965	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1966	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1967	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1968	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1969	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1970	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1971	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1972	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1973	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1974	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1975	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1976	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1977	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1304.84	18285.32
1978	454.15	543.00	1235.04	1546.93	1263.83	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15890.18
1979	1571.33	1317.41	1571.33	1350.45	1244.18	1420.71	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17751.32
1980	1571.33	1460.85	1469.13	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18389.82
1981	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1982	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1983	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1984	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1985	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1986	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1987	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1988	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1360.32	516.77	17336.93
1989	399.28	1191.48	876.57	752.60	1332.52	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15399.69
1990	1571.33	1491.43	988.94	1248.55	1064.66	1501.75	1520.64	1571.33	1520.64	1571.33	881.62	0.00	14932.20
1991	0.00	0.00	0.00	0.00	0.00	1340.99	1520.64	1571.33	1520.64	1571.33	0.00	0.00	7524.93
1992	0.00	387.00	0.00	0.00	884.44	1311.11	1520.64	1571.33	537.24	0.00	0.00	0.00	6211.76
1993	0.00	0.00	401.37	1014.29	947.05	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	13209.94
1994	1571.33	0.00	0.00	810.04	892.22	1571.33	1520.64	1571.33	1520.64	1076.13	893.56	449.14	11876.34
1995	0.00	705.20	752.94	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15295.96
1996	1571.33	1496.90	1556.44	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18513.18
1997	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1998	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1999	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
2000	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
AVERAGE	1413.90	1340.17	1400.02	1424.11	1343.46	1535.76	1520.64	1571.33	1503.57	1532.87	1494.19	1403.78	17483.68

## VERDI PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
(Energy in MEGAWATT-HOURS)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1515.32	1353.45	1407.67	1482.74	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17634.64
1902	1521.24	1426.98	1458.10	1455.96	1327.37	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17691.08
1903	1521.24	1422.90	1457.49	1509.41	1339.33	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17751.80
1904	1521.24	1472.16	1455.19	1454.31	1423.09	1457.97	1423.88	1413.44	1452.52	1521.24	1521.24	1472.16	17588.43
1905	1521.24	1428.47	1521.24	1521.24	1326.45	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17820.07
1906	1521.24	1425.32	1457.59	1521.24	1374.02	1521.24	1400.38	1463.37	1472.16	1521.24	1521.24	1472.16	17671.19
1907	1521.24	1435.11	1496.69	1521.24	1374.02	1497.01	1329.19	1342.55	1355.89	1507.90	1521.24	1472.16	17374.23
1908	1521.24	1428.83	1521.24	1521.24	1372.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17866.07
1909	1430.62	1425.30	1458.30	1521.24	1374.02	1521.24	1472.16	1480.47	1472.16	1521.24	1521.24	1472.16	17670.15
1910	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1911	1521.24	1448.36	1507.24	1521.24	1374.02	1521.24	1374.17	1432.91	1413.83	1521.24	1521.24	1472.16	17628.88
1912	1521.24	1428.80	1464.44	1462.21	1364.18	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17742.30
1913	1521.24	1425.20	1456.52	1497.54	1334.66	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17736.60
1914	1430.62	1424.71	1501.63	1521.24	1374.02	1521.24	1472.16	1500.80	1472.16	1521.24	1521.24	1472.16	17733.22
1915	1521.24	1425.92	1466.19	1469.13	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17757.94
1916	1521.24	1423.52	1466.58	1521.24	1423.09	1521.24	1430.42	1521.24	1472.16	1521.24	1521.24	1472.16	17815.36
1917	1521.24	1428.47	1482.00	1459.45	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17766.62
1918	1521.24	1422.73	1460.19	1457.44	1356.81	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17719.84
1919	1430.62	1425.98	1458.45	1458.35	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17648.86
1920	1477.36	1425.64	1518.45	1513.85	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17859.83
1921	1430.62	1316.98	1389.35	1499.15	1330.33	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17467.88
1922	1521.24	1422.61	1502.25	1465.17	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17786.72
1923	1521.24	1427.74	1521.24	1521.24	1354.55	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17847.44
1924	1521.24	1425.07	1459.88	1458.45	1361.96	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17728.03
1925	1521.24	1392.47	1414.37	1141.79	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17345.33
1926	1446.38	1226.28	1421.98	1418.95	1327.08	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17342.10
1927	1336.48	1411.46	1157.11	1154.95	1346.46	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16907.90
1928	1521.24	1429.48	1459.49	1326.81	1237.43	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17475.88
1929	1521.24	1471.08	1404.55	1413.79	1280.01	1485.64	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17556.50
1930	1520.42	615.09	1387.62	1341.85	1249.22	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16615.64
1931	1430.62	1348.07	803.48	493.94	425.08	1054.93	1453.02	1521.24	1390.12	623.71	0.00	0.00	10544.20
1932	0.00	0.00	373.83	838.43	701.15	1165.12	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	12058.74
1933	1521.24	0.00	497.05	609.38	480.23	895.87	1472.16	1521.24	1472.16	1521.24	1154.52	0.00	11145.08
1934	0.00	0.00	431.89	385.68	620.89	1521.24	1472.16	1521.24	660.09	475.10	0.00	0.00	7088.28
1935	0.00	0.00	0.00	0.00	0.00	378.85	1472.16	1521.24	1472.16	1521.24	1521.24	1460.76	9347.65
1936	590.09	572.86	494.43	774.64	1380.00	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14313.45
1937	1521.24	1137.91	1360.33	1233.00	1244.35	1231.87	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16708.90
1938	1521.24	1146.08	1521.24	1186.49	1374.02	1521.24	1472.16	1427.26	1472.16	1521.24	1521.24	1472.16	17156.53
1939	1521.24	1426.00	1461.27	1471.90	1327.74	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17709.59
1940	1521.24	1454.27	1516.18	1512.40	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17928.62
1941	1521.24	1426.96	1521.24	1499.09	1358.19	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17828.15
1942	1521.24	1426.01	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17865.18
1943	1521.24	1468.22	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17907.39
1944	1521.24	1429.09	1464.38	1470.19	1414.60	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17800.93
1945	1430.62	1455.76	1465.35	1457.22	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17684.41
1946	1521.24	1436.46	1521.24	1521.24	1326.39	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17828.00
1947	1521.24	1472.16	1473.53	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17863.63
1948	1430.62	1472.16	1507.90	1350.58	1411.85	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17674.55
1949	1521.24	1304.58	1345.42	1263.54	1230.05	1244.98	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16890.00
1950	1521.24	1340.81	1363.19	1345.61	1208.61	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17280.89
1951	1520.13	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17910.23
1952	1521.24	1432.28	1521.24	1521.24	1423.09	1521.24	1416.62	1270.00	1472.16	1521.24	1521.24	1472.16	17613.73
1953	1521.24	1441.05	1521.24	1521.24	1374.02	1521.24	1472.16	1515.36	1472.16	1521.24	1521.24	1472.16	17874.34
1954	1521.24	1428.47	1460.75	1469.75	1359.88	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17741.52
1955	1487.57	1472.16	1480.29	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17836.72
1956	1430.62	1442.41	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17840.04
1957	1521.24	1436.56	1461.23	1472.41	1348.99	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17741.87
1958	1521.24	1429.22	1475.54	1476.34	1374.02	1521.24	1472.16	1454.21	1472.16	1521.24	1521.24	1472.16	17710.78
1959	1521.24	1439.68	1457.79	1465.25	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17759.41
1960	1521.24	1472.16	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17960.41

## VERDI PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1521.24	1360.57	1320.28	1179.80	1043.36	1170.27	1472.16	1521.24	1472.16	1521.24	1300.74	1086.75	15969.82
1962	0.00	0.00	0.00	0.00	956.00	1331.19	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	11267.39
1963	1521.24	1242.18	1504.13	1396.03	1374.02	1444.97	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17462.77
1964	1456.34	1394.84	1378.05	1344.62	1249.32	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17324.60
1965	1434.61	1462.37	1521.24	1521.24	1364.90	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17805.79
1966	1521.24	1472.16	1521.24	1521.24	1322.14	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17859.45
1967	1430.62	1472.16	1513.43	1521.24	1374.02	1521.24	1472.16	1510.49	1449.32	1521.24	1521.24	1472.16	17779.33
1968	1521.24	1423.52	1471.57	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17862.09
1969	1521.24	1426.50	1474.87	1521.24	1374.02	1521.24	1436.42	1397.85	1472.16	1521.24	1521.24	1472.16	17660.17
1970	1521.24	1424.71	1521.24	1483.41	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17826.05
1971	1521.24	1459.50	1521.24	1521.24	1374.02	1521.24	1472.16	1515.97	1472.16	1521.24	1521.24	1472.16	17893.39
1972	1521.24	1433.53	1521.24	1480.81	1370.43	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17828.68
1973	1467.62	1427.08	1474.72	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17766.11
1974	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1975	1521.24	1430.77	1459.27	1457.74	1366.92	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17737.38
1976	1521.24	1426.12	1480.26	1456.01	1370.83	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17755.89
1977	1521.24	1472.16	1507.93	1507.56	1337.19	1473.51	1472.16	1521.24	1472.16	1521.24	1521.24	1121.45	17449.09
1978	359.01	436.25	1097.23	1367.88	1120.28	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14882.09
1979	1476.65	1148.25	1393.45	1170.79	1092.59	1230.16	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16492.10
1980	1521.24	1270.25	1274.34	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17511.59
1981	1506.87	1421.80	1466.08	1473.27	1321.58	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17691.03
1982	1521.24	1472.16	1521.24	1521.24	1357.07	1521.24	1472.16	1469.35	1472.16	1521.24	1521.24	1472.16	17842.50
1983	1521.24	1472.16	1521.24	1521.24	1374.02	1505.88	1451.06	1339.54	1244.09	1521.24	1521.24	1472.16	17465.10
1984	1521.24	1420.19	1495.35	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17882.54
1985	1521.24	1464.24	1462.24	1459.88	1325.22	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17734.25
1986	1509.44	1427.28	1479.58	1464.25	1338.15	1450.43	1457.54	1521.24	1472.16	1521.24	1521.24	1472.16	17634.70
1987	1521.24	1421.86	1464.26	1466.39	1325.58	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17700.78
1988	1461.05	1382.87	1422.15	1427.36	1325.35	1477.95	1472.16	1521.24	1472.16	1521.24	1166.48	411.55	16061.57
1989	0.00	1028.77	747.19	633.93	1153.43	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14064.76
1990	1430.87	1291.59	842.02	1077.84	915.50	1302.48	1472.16	1521.24	1472.16	1521.24	741.33	0.00	13588.44
1991	0.00	0.00	0.00	0.00	0.00	1156.98	1472.16	1521.24	1472.16	1445.52	0.00	0.00	7068.06
1992	0.00	0.00	0.00	0.00	747.47	1111.30	1472.16	1521.24	436.09	0.00	0.00	0.00	5288.27
1993	0.00	0.00	0.00	864.53	807.25	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1441.46	12142.52
1994	1452.25	0.00	0.00	693.24	758.20	1479.00	1472.16	1521.24	1356.63	904.04	747.05	355.01	10738.82
1995	0.00	592.09	637.28	1491.73	1361.99	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14584.53
1996	1521.24	1296.56	1353.62	1439.16	1423.09	1521.24	1472.16	1500.23	1472.16	1521.24	1521.24	1472.16	17514.12
1997	1521.24	1423.59	1521.24	1253.91	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17595.44
1998	1521.24	1423.81	1465.54	1468.15	1374.02	1521.24	1472.16	1517.86	1472.16	1521.24	1521.24	1472.16	17750.82
1999	1521.24	1419.14	1488.73	1521.24	1374.02	1521.24	1472.16	1502.35	1472.16	1521.24	1521.24	1472.16	17806.91
2000	1521.24	1418.89	1464.06	1470.28	1407.05	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17782.95
AVERAGE	1346.83	1245.24	1305.89	1329.47	1264.80	1467.24	1466.68	1507.95	1447.26	1479.53	1435.43	1354.27	16650.49

# WASHOE PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1400.36	1199.63	1242.29	1364.52	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.87	16201.18
1902	1408.38	1220.46	1227.99	1223.42	1129.02	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15931.65
1903	1408.38	1211.09	1226.68	1356.32	1157.10	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16051.47
1904	1408.38	1362.95	1221.79	1219.94	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1359.19	16249.21
1905	1408.38	1223.94	1408.38	1408.38	1126.95	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16267.93
1906	1408.38	1216.62	1226.89	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16254.74
1907	1408.38	1233.96	1314.40	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1354.58	16351.22
1908	1408.38	1224.78	1408.38	1408.38	1166.11	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16307.92
1909	1150.54	1216.58	1228.41	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1359.19	15994.62
1910	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16552.08
1911	1396.26	1257.98	1321.06	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1355.52	16370.73
1912	1408.38	1224.71	1241.74	1236.85	1148.84	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15952.42
1913	1408.38	1216.34	1224.62	1322.10	1136.60	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15999.93
1914	1150.54	1216.26	1344.01	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16113.66
1915	1408.38	1218.01	1245.61	1252.20	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16118.68
1916	1408.38	1212.49	1246.49	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16315.65
1917	1408.38	1223.94	1282.25	1230.89	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16139.93
1918	1408.38	1210.71	1232.48	1226.57	1202.97	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1345.11	15985.65
1919	1150.54	1218.15	1228.73	1228.52	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15789.92
1920	1222.33	1217.35	1385.81	1333.79	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16168.69
1921	1150.54	1075.52	1155.21	1335.76	1135.77	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15544.69
1922	1319.12	1210.43	1335.18	1243.36	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16102.57
1923	1408.38	1222.23	1408.38	1408.38	1196.63	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1327.85	16331.30
1924	1408.38	1216.06	1231.66	1228.73	1144.10	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15951.32
1925	1408.38	1167.77	1166.32	818.07	1272.09	1397.74	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15513.88
1926	1173.14	973.44	1174.34	1176.90	1141.35	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15361.56
1927	1047.24	1238.32	845.66	841.74	1210.72	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	14906.07
1928	1408.38	1226.31	1230.96	1061.86	987.35	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15637.25
1929	1372.40	1306.63	1155.17	1164.73	1057.72	1277.74	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15648.38
1930	1311.58	487.23	1149.73	1103.91	1030.36	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	14774.70
1931	1150.54	1111.06	599.17	400.21	336.76	742.44	1224.01	1349.92	1093.18	454.07	0.00	0.00	8461.36
1932	0.00	0.00	370.84	656.78	567.67	855.31	1362.95	1408.38	1362.95	1395.68	1355.07	1332.56	10668.20
1933	1404.96	0.00	398.45	530.51	383.23	653.80	1362.95	1408.38	1362.95	1408.38	761.27	0.00	9674.89
1934	0.00	0.00	394.58	0.00	481.99	1408.38	1362.95	1347.18	430.80	347.55	0.00	0.00	5773.43
1935	0.00	0.00	0.00	0.00	0.00	0.00	1362.95	1408.38	1362.95	1408.38	1408.38	1210.92	8161.97
1936	433.48	459.87	395.64	596.12	1312.81	1408.38	1362.95	1408.38	1362.95	1385.93	1355.10	1332.46	12814.08
1937	1408.38	846.12	1109.33	990.79	1086.30	983.53	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	14707.97
1938	1408.38	861.43	1408.38	900.13	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15572.79
1939	1408.38	1218.19	1234.81	1258.49	1129.86	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1337.11	15946.27
1940	1347.30	1268.23	1335.63	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16368.95
1941	1408.38	1220.42	1402.41	1326.35	1205.96	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16255.42
1942	1408.38	1218.22	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16437.84
1943	1408.38	1333.65	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1401.57	1332.46	16515.96
1944	1408.38	1225.40	1241.60	1254.58	1276.60	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16098.47
1945	1150.54	1294.56	1243.75	1226.11	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15878.94
1946	1408.38	1243.15	1408.38	1408.38	1126.81	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16286.99
1947	1408.38	1362.95	1262.22	1391.27	1232.58	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16379.79
1948	1150.54	1362.95	1316.09	1089.37	1234.27	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15845.10
1949	1390.17	1055.84	1090.57	996.25	996.15	968.96	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	14781.45
1950	1408.38	1098.59	1104.42	1156.13	995.77	1392.48	1362.95	1408.38	1362.95	1408.38	1408.38	1333.36	15440.18
1951	1326.82	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16470.52
1952	1408.38	1232.98	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1350.91	16485.98
1953	1408.38	1254.65	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1357.36	16468.67
1954	1408.38	1223.94	1233.68	1253.60	1211.86	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16023.35
1955	1240.50	1362.95	1278.13	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16253.95
1956	1150.54	1243.32	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16250.53
1957	1408.38	1243.39	1234.74	1259.64	1181.58	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16050.11
1958	1408.38	1225.72	1266.89	1268.77	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16164.23
1959	1408.38	1251.18	1227.32	1243.54	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16124.88
1960	1408.38	1362.95	1348.88	1364.42	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16524.54



## WASHOE PLANT MONTHLY ENERGY PRODUCTION

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1389.66	1132.98	1054.24	870.36	754.92	863.18	1362.95	1369.88	1362.95	1408.38	923.71	720.55	13213.76
1962	0.00	0.00	0.00	0.00	815.92	1131.41	1362.95	1408.38	1362.95	1408.38	1408.38	1332.47	10230.85
1963	1408.38	1002.53	1309.32	1176.67	1272.09	1245.86	1362.95	1408.38	1362.95	1373.02	1355.10	1332.46	15609.72
1964	1203.60	1204.49	1123.40	1089.32	1005.52	1405.85	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15315.69
1965	1156.13	1288.53	1408.38	1408.38	1227.11	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1337.61	16185.58
1966	1408.38	1362.95	1408.38	1408.38	1117.35	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16397.34
1967	1150.54	1362.95	1368.99	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16285.33
1968	1408.38	1212.49	1257.72	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16296.39
1969	1408.38	1219.34	1265.32	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16295.90
1970	1408.38	1215.22	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16404.35
1971	1408.38	1305.64	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16525.26
1972	1408.38	1235.99	1408.38	1279.38	1162.42	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16186.44
1973	1228.39	1220.70	1264.98	1408.38	1263.05	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1321.90	16066.83
1974	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1975	1408.38	1229.37	1230.50	1227.21	1233.56	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1356.89	16045.34
1976	1408.38	1218.47	1262.76	1223.53	1163.30	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15998.82
1977	1408.38	1354.23	1315.24	1313.86	1140.85	1245.71	1362.95	1408.38	1362.95	1408.38	1408.38	765.12	15494.44
1978	0.00	337.09	811.51	1144.97	903.31	1408.38	1362.95	1408.38	1362.95	1400.04	1355.10	1334.43	12829.12
1979	1221.11	865.52	1142.13	870.76	848.19	944.83	1356.23	1408.38	1362.95	1408.38	1408.38	1332.46	14169.34
1980	1408.38	1020.04	1018.26	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1357.78	15889.80
1981	1279.08	1208.60	1245.36	1261.63	1116.12	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	15802.69
1982	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1983	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1984	1408.38	1362.95	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16628.00
1985	1408.38	1320.55	1236.92	1231.81	1124.17	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.46	16013.73
1986	1300.17	1221.15	1276.44	1241.32	1272.09	1408.38	1362.95	1408.38	1362.95	1359.62	1408.38	1362.95	15984.79
1987	1408.38	1208.74	1241.36	1246.07	1124.98	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15951.92
1988	1195.52	1148.88	1180.38	1190.13	1094.93	1254.63	1362.95	1408.38	1362.95	1382.57	823.39	347.90	13752.60
1989	0.00	728.50	571.01	497.80	914.73	1408.38	1362.95	1408.38	1362.95	1408.38	1401.66	1332.52	12397.26
1990	1151.09	1037.58	624.78	764.41	651.78	1047.55	1362.95	1350.50	1362.95	1408.38	545.75	0.00	11307.73
1991	0.00	0.00	0.00	0.00	0.00	840.42	1362.95	1347.16	1295.69	1121.47	0.00	0.00	5967.70
1992	0.00	0.00	0.00	0.00	557.79	767.97	1362.95	1276.00	0.00	0.00	0.00	0.00	3964.71
1993	0.00	0.00	0.00	638.46	587.69	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1170.90	10756.49
1994	1199.51	0.00	0.00	542.66	559.21	1259.24	1362.95	1408.38	1070.61	639.76	551.64	0.00	8593.96
1995	0.00	460.46	502.55	1310.76	1187.47	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1350.32	13170.98
1996	1408.38	1043.31	1103.47	1206.30	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15801.37
1997	1408.38	1212.67	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16432.29
1998	1408.38	1213.16	1244.17	1249.99	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1397.88	1362.95	16099.67
1999	1408.38	1202.64	1298.95	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16312.82
2000	1408.38	1202.07	1240.90	1254.79	1230.89	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1338.06	16034.52
AVERAGE	1203.43	1072.06	1131.50	1158.50	1119.89	1329.49	1361.49	1404.29	1333.71	1362.06	1315.31	1227.64	15019.45

# LOCAL WATER SUPPLY ALTERNATIVE

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (150 cfs Bypass)      PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	965.64	722.10	783.63	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1146.47	13709.77
1902	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1289.04	13753.21
1903	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1233.11	1100.34	13446.96
1904	1350.66	1180.18	855.16	855.16	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1140.92	14662.42
1905	1350.66	827.59	1350.66	1350.66	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1230.39	1100.34	14648.86
1906	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14432.43
1907	1350.66	841.87	868.50	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1133.93	14782.39
1908	1350.66	827.59	1350.66	1350.66	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1224.92	1100.34	14457.34
1909	855.16	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1140.92	14266.26
1910	1350.66	1307.09	1350.66	1350.66	814.94	1350.66	1307.09	1350.66	1307.09	1350.66	1222.82	1100.34	15163.33
1911	1049.43	865.05	919.49	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1135.36	14556.75
1912	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1229.69	1100.34	13471.10
1913	1350.66	827.59	855.16	855.16	802.51	1137.04	1307.09	1350.66	1307.09	1350.66	1224.22	1100.34	13468.17
1914	855.16	818.78	825.56	1167.13	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1292.52	14195.93
1915	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1278.28	13742.45
1916	1350.66	827.59	855.16	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1277.13	14941.54
1917	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1281.11	14406.44
1918	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1226.95	1100.34	13440.80
1919	855.16	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	12941.87
1920	916.88	827.59	855.16	940.62	1143.66	1137.04	1307.09	1350.66	1307.09	1350.66	1225.62	1100.34	13462.41
1921	855.16	653.52	690.33	822.37	772.41	1350.66	1307.09	1350.66	1307.09	1278.78	1228.29	1100.34	12716.69
1922	975.38	827.59	855.16	855.16	772.41	1137.04	1100.34	1350.66	1307.09	1350.66	1350.66	1288.77	13170.91
1923	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1218.74	1093.33	13425.59
1924	1350.66	827.59	855.50	855.16	799.98	1137.04	1258.77	1350.66	1307.09	1350.66	1350.66	1307.09	13750.85
1925	1163.41	773.44	792.27	0.00	834.43	974.95	1307.09	1350.66	1307.09	1289.61	1231.09	1100.34	12124.38
1926	871.18	537.66	808.71	786.39	736.40	986.13	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	12699.71
1927	708.88	676.70	0.00	0.00	676.10	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1148.60	11227.10
1928	1113.87	827.59	850.06	675.35	631.75	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13422.53
1929	1011.70	908.42	790.05	793.80	708.25	880.16	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13065.63
1930	959.85	0.00	704.05	609.79	630.09	1235.28	1307.09	1350.66	1307.09	1350.66	1233.81	1100.34	11788.71
1931	855.16	702.44	0.00	0.00	0.00	0.00	909.78	1140.93	885.43	0.00	0.00	0.00	4493.75
1932	0.00	0.00	0.00	0.00	0.00	0.00	1110.43	1350.66	1307.09	1218.81	1137.04	1100.34	7224.37
1933	1044.18	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1337.17	566.89	0.00	6913.09
1934	0.00	0.00	0.00	0.00	0.00	1080.02	1100.34	1137.04	0.00	0.00	0.00	0.00	3317.40
1935	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1233.39	941.82	7490.71
1936	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1204.16	1137.04	1100.34	8757.04
1937	1137.25	0.00	700.56	0.00	0.00	0.00	1307.09	1350.66	1307.09	1304.40	1226.95	1100.34	9434.35
1938	1350.66	0.00	1350.66	0.00	431.91	676.22	1307.09	1350.66	1307.09	1350.66	1350.66	1215.15	11690.76
1939	1292.21	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1231.09	1107.40	13393.55
1940	988.45	883.16	942.10	672.69	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1218.74	1100.34	13271.61
1941	1350.66	827.59	855.16	855.16	775.44	1136.53	1307.09	1350.66	1307.09	1350.66	1224.22	1100.34	13440.60
1942	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	15423.43
1943	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1208.40	1100.34	15074.42
1944	1350.66	827.59	855.16	855.16	799.98	1137.04	1307.09	1350.66	1307.09	1350.66	1225.62	1100.34	13467.04
1945	855.16	827.59	855.16	855.16	839.56	1137.04	1307.09	1350.66	1307.09	1267.43	1224.92	1100.34	12927.19
1946	1350.66	827.59	985.55	1350.66	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1224.92	1100.34	14064.67
1947	1350.66	827.59	855.16	978.06	868.60	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13990.36
1948	855.16	1024.50	942.32	714.06	873.78	983.26	1307.09	1350.66	1307.09	1350.66	1234.51	1100.34	13043.44
1949	1037.08	653.52	677.74	591.19	638.30	574.46	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	11938.80
1950	1350.66	702.82	718.95	0.00	533.59	907.60	1307.09	1350.66	1307.09	1350.66	1228.36	1101.57	11859.04
1951	949.45	1307.09	1350.66	1350.66	1219.95	1137.04	1307.09	1350.66	1307.09	1261.83	1220.78	1100.34	14862.64
1952	1350.66	827.59	1017.95	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1128.36	14955.56
1953	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1138.14	15254.48
1954	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1227.66	1100.34	13441.51
1955	934.54	1067.64	855.16	986.57	925.60	1137.04	1307.09	1350.66	1307.09	1350.66	1233.81	1100.34	13556.20
1956	855.16	862.59	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1267.12	14966.52
1957	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1293.86	13971.66
1958	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1240.05	14365.38
1959	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	13771.26
1960	1331.07	1007.16	954.36	952.16	878.81	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14447.47

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base    Future W/O TROA Local Water Supply Alt (150 cfs Bypass)    PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1039.67	702.07	659.81	492.64	412.13	458.16	1104.45	1142.23	1257.13	1286.81	725.96	448.34	9729.40
1962	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1350.66	1233.74	1100.34	7649.58
1963	1350.66	556.16	930.55	665.47	1219.95	723.44	1100.34	1350.66	1307.09	1180.12	1137.04	1100.34	12621.82
1964	855.16	674.82	728.78	675.35	631.75	976.42	1307.09	1350.66	1307.09	1350.66	1350.18	1100.34	12308.31
1965	860.38	827.06	1350.66	1350.66	773.05	1137.04	1307.09	1350.66	1307.09	1350.66	1137.04	1100.34	13911.72
1966	1218.81	1020.15	1350.66	975.21	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	14240.78
1967	855.16	950.16	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1176.32	13928.72
1968	1350.66	827.59	855.16	1030.20	1028.03	1350.66	1307.09	1350.66	1307.09	1350.66	1231.78	1100.34	14089.92
1969	1078.56	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1306.01	14654.75
1970	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1221.48	1100.34	15087.50
1971	1350.66	827.59	855.16	1302.90	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1202.78	14775.86
1972	1350.66	827.59	855.16	855.16	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1227.66	1100.34	13682.70
1973	855.16	827.59	855.16	908.29	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1248.73	1085.66	13005.53
1974	1350.66	1234.34	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1305.74	15828.84
1975	1350.66	827.59	855.16	855.16	772.41	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1137.43	13815.22
1976	1350.66	827.59	887.37	855.16	799.98	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	14044.66
1977	1211.07	932.65	934.79	935.27	791.58	886.84	1307.09	1350.66	1307.09	1350.66	1240.65	472.80	12721.15
1978	0.00	0.00	0.00	602.18	0.00	1003.66	1307.09	1350.66	1307.09	1225.48	1137.04	1103.30	9036.49
1979	915.61	0.00	756.20	0.00	0.00	533.73	1076.45	1350.66	1297.48	1350.66	1235.14	1100.34	9616.26
1980	1350.66	609.46	593.18	1350.66	1263.52	1137.04	1307.09	1350.66	1307.09	1350.66	1350.66	1138.78	14109.46
1981	959.33	827.59	855.16	855.16	772.41	1137.04	1251.61	1350.66	1307.09	1350.66	1350.66	1100.34	13117.70
1982	1140.86	1307.09	1350.66	1262.38	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1100.34	15398.10
1983	1350.66	1307.09	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1204.52	15800.36
1984	1350.66	1307.09	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1303.48	15942.89
1985	1350.66	827.59	855.16	855.16	772.41	1137.04	1307.09	1350.66	1307.09	1350.66	1229.06	1100.34	13442.91
1986	934.06	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1036.79	1319.23	1168.57	13532.00
1987	1350.66	827.59	855.16	855.16	772.41	1137.04	1246.55	1350.66	1307.09	1350.66	1350.66	1307.09	13710.72
1988	895.32	774.11	793.18	793.18	741.12	890.18	1307.09	1350.66	1307.09	1131.19	527.25	0.00	10510.37
1989	0.00	0.00	0.00	0.00	537.22	1350.66	1307.09	1350.66	1307.09	1350.66	1173.20	1100.34	9476.92
1990	855.16	628.27	0.00	0.00	0.00	615.54	1307.09	1142.16	1302.01	1290.98	0.00	0.00	7141.21
1991	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1137.04	1100.34	927.03	0.00	0.00	4264.75
1992	0.00	0.00	0.00	0.00	0.00	0.00	1100.34	1026.27	0.00	0.00	0.00	0.00	2126.60
1993	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1350.66	1222.47	928.55	8817.17
1994	849.86	0.00	0.00	0.00	0.00	883.86	1307.09	1350.66	788.67	0.00	0.00	0.00	5180.13
1995	0.00	0.00	0.00	846.35	841.02	1350.66	1307.09	1350.66	1307.09	1350.66	1212.27	1127.64	10693.44
1996	1350.66	653.52	675.35	810.90	1263.52	1350.66	1307.09	1350.66	1307.09	1191.21	1350.66	1298.81	13910.13
1997	1350.66	827.59	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1296.30	1350.66	1307.09	15369.07
1998	1350.66	827.59	855.16	855.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1120.69	1100.34	13995.71
1999	1350.66	827.59	855.16	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1194.75	1311.05	1287.09	14712.41
2000	1350.66	827.59	855.16	855.16	852.89	1188.37	1307.09	1350.66	1307.09	1350.66	1233.81	1108.84	13587.98
AVERAGE	1046.48	707.64	790.99	804.21	795.24	1088.61	1284.84	1336.88	1268.83	1272.74	1185.11	1055.83	12637.48

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base    Future W/O TROA Local Water Supply Alt (50 cfs Bypass)    PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1902	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1903	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1904	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1905	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1906	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1907	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1908	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1909	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1910	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1911	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1912	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1913	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1914	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1915	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1916	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1917	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1918	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1919	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1920	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1921	1571.33	1511.19	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18491.68
1922	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1923	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1924	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1925	1571.33	1520.64	1571.33	1330.81	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18260.61
1926	1571.33	1403.96	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18384.44
1927	1538.80	1520.64	1341.22	1339.79	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18006.94
1928	1571.33	1520.64	1571.33	1538.02	1436.18	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18484.74
1929	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1930	1571.33	709.69	1571.33	1522.29	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17641.14
1931	1571.33	1520.64	906.24	621.40	370.22	1231.55	1520.64	1571.33	1520.64	672.37	0.00	0.00	11506.35
1932	0.00	0.00	0.00	880.83	752.70	1346.72	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	12256.16
1933	1571.33	0.00	601.49	661.15	575.84	1049.38	1520.64	1571.33	1520.64	1571.33	1347.99	0.00	11991.12
1934	0.00	0.00	452.54	465.55	729.12	1571.33	1520.64	1571.33	875.63	571.05	395.19	0.00	8152.37
1935	0.00	0.00	0.00	0.00	370.43	455.00	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	10101.34
1936	696.70	663.29	598.76	888.27	1467.36	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15161.62
1937	1571.33	1310.32	1571.33	1392.75	1356.57	1391.61	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17869.81
1938	1571.33	1315.95	1571.33	1359.99	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18085.10
1939	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1940	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1941	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1942	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1943	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1944	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1945	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1946	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1947	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1948	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1949	1571.33	1502.49	1552.81	1471.34	1419.26	1462.35	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18255.48
1950	1571.33	1520.64	1571.33	1476.62	1369.61	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18356.76
1951	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1952	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1953	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1954	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1955	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1956	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1957	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1958	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1959	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1960	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base    Future W/O TROA Local Water Supply Alt (50 cfs Bypass)    PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1571.33	1520.64	1523.60	1371.46	1210.80	1351.64	1520.64	1571.33	1520.64	1571.33	1494.83	1237.92	17466.15
1962	0.00	0.00	0.00	0.00	935.69	1465.10	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	11676.70
1963	1571.33	1425.77	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18406.26
1964	1571.33	1520.64	1571.33	1550.28	1444.31	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18505.12
1965	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1966	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1967	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1968	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1969	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1970	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1971	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1972	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1973	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1974	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1975	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1976	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1977	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1269.24	18249.72
1978	448.33	543.91	1232.92	1535.47	1262.36	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15870.23
1979	1571.33	1317.48	1571.33	1350.58	1242.68	1422.23	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17751.53
1980	1571.33	1467.82	1479.34	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18407.01
1981	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1982	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1983	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1984	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1985	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1986	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1987	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1988	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1354.75	495.38	17309.98
1989	0.00	1201.81	874.30	754.86	1333.29	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15011.50
1990	1571.33	1475.01	986.34	1248.13	1063.73	1498.67	1520.64	1571.33	1520.64	1571.33	868.00	0.00	14895.15
1991	0.00	0.00	0.00	0.00	0.00	1341.22	1520.64	1571.33	1520.64	1571.33	0.00	0.00	7525.15
1992	0.00	0.00	0.00	0.00	883.12	1311.11	1520.64	1571.33	615.10	0.00	0.00	0.00	5901.30
1993	0.00	0.00	402.76	1016.63	949.03	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	13215.65
1994	1571.33	0.00	0.00	809.03	890.96	1571.33	1520.64	1571.33	1520.64	1042.14	877.03	428.20	11802.63
1995	0.00	701.71	755.02	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15294.56
1996	1571.33	1496.95	1556.50	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18513.29
1997	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1998	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1999	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
2000	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
AVERAGE	1409.61	1336.16	1399.70	1424.35	1341.99	1536.03	1520.64	1571.33	1505.14	1531.33	1493.29	1402.88	17472.30

## VERDI PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base    Future W/O TROA Local Water Supply Alt (50 cfs Bypass)    PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1515.30	1353.75	1407.77	1481.87	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17634.14
1902	1521.24	1427.01	1458.18	1456.09	1327.43	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17691.39
1903	1521.24	1422.95	1457.57	1508.75	1338.34	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17750.28
1904	1521.24	1472.16	1455.27	1454.43	1423.09	1457.91	1423.82	1413.37	1452.69	1521.24	1521.24	1472.16	17588.62
1905	1521.24	1428.50	1521.24	1521.24	1326.53	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17820.18
1906	1521.24	1425.35	1457.67	1521.24	1374.02	1521.24	1400.33	1463.52	1472.16	1521.24	1521.24	1472.16	17671.39
1907	1521.24	1435.15	1495.90	1521.24	1374.02	1496.94	1329.16	1342.48	1355.86	1507.95	1521.24	1472.16	17373.34
1908	1521.24	1428.87	1521.24	1521.24	1372.08	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17866.10
1909	1430.58	1425.33	1458.40	1521.24	1374.02	1521.24	1472.16	1480.41	1472.16	1521.24	1521.24	1472.16	17670.18
1910	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1911	1521.24	1448.39	1506.98	1521.24	1374.02	1521.24	1374.09	1432.94	1413.79	1521.24	1521.24	1472.16	17628.56
1912	1521.24	1428.83	1464.52	1462.32	1364.27	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17742.61
1913	1521.24	1425.24	1456.61	1496.78	1339.93	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17741.23
1914	1430.58	1420.90	1500.14	1521.24	1374.02	1521.24	1472.16	1501.23	1472.16	1521.24	1521.24	1472.16	17728.32
1915	1521.24	1425.97	1466.27	1469.23	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17758.16
1916	1521.24	1423.56	1466.65	1521.24	1423.09	1521.24	1430.37	1521.24	1472.16	1521.24	1521.24	1472.16	17815.42
1917	1521.24	1428.50	1481.11	1459.49	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17765.79
1918	1521.24	1422.76	1460.26	1457.56	1355.96	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17719.21
1919	1430.58	1426.03	1458.53	1458.47	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17649.07
1920	1477.59	1425.68	1517.85	1517.12	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17862.78
1921	1430.58	1317.05	1384.17	1494.34	1329.26	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17456.84
1922	1521.24	1422.65	1501.49	1465.21	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17786.05
1923	1521.24	1427.78	1521.24	1521.24	1353.70	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17846.63
1924	1521.24	1425.12	1459.96	1458.56	1362.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17728.34
1925	1521.24	1392.55	1414.48	1141.99	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17345.72
1926	1442.81	1220.65	1422.19	1419.11	1324.56	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17330.76
1927	1316.51	1410.71	1157.31	1155.22	1348.13	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16889.32
1928	1521.24	1429.52	1456.17	1326.98	1237.56	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17472.91
1929	1521.24	1471.12	1415.68	1413.97	1280.15	1485.58	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17567.93
1930	1510.71	609.18	1386.29	1336.27	1247.73	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16591.62
1931	1430.58	1348.11	766.31	524.84	0.00	1054.00	1451.65	1521.24	1405.62	535.11	0.00	0.00	10037.46
1932	0.00	0.00	0.00	813.81	698.82	1165.35	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	11658.19
1933	1521.24	0.00	501.34	622.83	487.11	897.45	1472.16	1521.24	1472.16	1521.24	1144.68	0.00	11161.45
1934	0.00	0.00	428.01	386.10	620.55	1521.24	1472.16	1521.24	731.33	455.80	0.00	0.00	7136.43
1935	0.00	0.00	0.00	0.00	0.00	382.29	1472.16	1521.24	1472.16	1521.24	1521.24	1454.23	9344.55
1936	588.72	573.16	497.74	773.53	1378.01	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14312.59
1937	1521.24	1138.01	1367.77	1231.22	1242.79	1229.63	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16710.85
1938	1521.24	1146.15	1521.24	1184.60	1374.02	1521.24	1472.16	1428.53	1472.16	1521.24	1521.24	1472.16	17155.97
1939	1521.24	1426.03	1461.35	1472.01	1327.82	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17709.88
1940	1521.24	1456.99	1514.14	1510.19	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17927.09
1941	1521.24	1427.01	1521.24	1498.34	1357.65	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17826.91
1942	1521.24	1426.06	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17865.23
1943	1521.24	1467.75	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17906.92
1944	1521.24	1429.14	1464.46	1470.29	1413.85	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17800.41
1945	1430.58	1455.21	1465.43	1457.37	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17684.05
1946	1521.24	1435.80	1521.24	1521.24	1326.33	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17827.28
1947	1521.24	1472.16	1472.59	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17862.69
1948	1430.58	1472.16	1513.81	1358.41	1411.92	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17688.32
1949	1521.24	1304.63	1347.27	1272.68	1230.21	1268.31	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16924.53
1950	1521.24	1340.90	1363.33	1344.16	1207.48	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17278.54
1951	1519.48	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17909.58
1952	1521.24	1432.31	1521.24	1521.24	1423.09	1521.24	1419.03	1269.98	1472.16	1521.24	1521.24	1472.16	17616.16
1953	1521.24	1440.41	1521.24	1521.24	1374.02	1521.24	1472.16	1515.31	1472.16	1521.24	1521.24	1472.16	17873.65
1954	1521.24	1428.51	1460.83	1469.86	1359.06	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17740.94
1955	1491.09	1472.16	1479.39	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17839.35
1956	1430.58	1442.47	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17840.05
1957	1521.24	1435.89	1461.23	1471.48	1347.97	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17739.24
1958	1521.24	1429.25	1474.61	1475.35	1374.02	1521.24	1472.16	1454.17	1472.16	1521.24	1521.24	1472.16	17708.84
1959	1521.24	1439.04	1457.79	1465.35	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17758.87
1960	1521.24	1472.16	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17960.41

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1521.24	1359.61	1313.72	1179.99	1043.49	1170.47	1472.16	1521.24	1472.16	1521.24	1276.75	1076.45	15928.51
1962	0.00	0.00	0.00	0.00	950.24	1329.29	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	11259.73
1963	1521.24	1242.54	1507.83	1395.71	1374.02	1445.27	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17466.81
1964	1456.34	1392.62	1373.84	1344.79	1249.44	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17318.46
1965	1434.57	1462.41	1521.24	1521.24	1364.43	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17805.32
1966	1521.24	1472.16	1521.24	1521.24	1322.24	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17859.55
1967	1430.58	1472.16	1512.73	1521.24	1374.02	1521.24	1472.16	1510.56	1449.30	1521.24	1521.24	1472.16	17778.63
1968	1521.24	1423.55	1471.63	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17862.18
1969	1521.24	1426.54	1473.92	1521.24	1374.02	1521.24	1436.45	1397.97	1472.16	1521.24	1521.24	1472.16	17659.41
1970	1521.24	1424.77	1521.24	1483.39	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17826.09
1971	1521.24	1458.97	1521.24	1521.24	1374.02	1521.24	1472.16	1515.92	1472.16	1521.24	1521.24	1472.16	17892.83
1972	1521.24	1432.87	1521.24	1479.95	1370.53	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17827.25
1973	1467.59	1427.13	1473.79	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17765.20
1974	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1975	1521.24	1430.80	1459.37	1457.85	1366.19	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17736.88
1976	1521.24	1426.16	1477.98	1456.11	1370.89	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17753.82
1977	1521.24	1472.16	1507.99	1507.66	1332.74	1473.65	1472.16	1521.24	1472.16	1521.24	1521.24	1089.62	17413.10
1978	353.90	436.10	1094.47	1357.92	1118.24	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14862.06
1979	1476.62	1148.35	1393.56	1170.98	1090.45	1231.58	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16491.74
1980	1521.24	1276.29	1283.26	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17526.55
1981	1510.31	1421.83	1466.14	1473.02	1321.63	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17694.36
1982	1521.24	1472.16	1521.24	1521.24	1357.04	1521.24	1472.16	1469.28	1472.16	1521.24	1521.24	1472.16	17842.39
1983	1521.24	1472.16	1521.24	1521.24	1374.02	1505.81	1450.99	1339.46	1244.05	1521.24	1521.24	1472.16	17464.85
1984	1521.24	1420.18	1495.33	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17882.51
1985	1521.24	1463.86	1462.34	1459.98	1325.30	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17734.14
1986	1509.05	1427.32	1478.68	1464.36	1338.12	1450.36	1457.49	1521.24	1472.16	1521.24	1521.24	1472.16	17633.42
1987	1521.24	1421.93	1464.33	1466.49	1325.66	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17701.07
1988	1461.18	1382.92	1422.27	1427.47	1325.45	1478.08	1472.16	1521.24	1472.16	1521.24	1161.78	393.65	16039.62
1989	0.00	1038.11	745.32	636.11	1154.14	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14075.13
1990	1430.83	1277.33	839.98	1077.55	914.73	1299.87	1472.16	1521.24	1472.16	1521.24	729.86	0.00	13556.94
1991	0.00	0.00	0.00	0.00	0.00	1157.31	1472.16	1521.24	1472.16	1440.52	0.00	0.00	7063.39
1992	0.00	0.00	0.00	0.00	746.43	1111.30	1472.16	1521.24	506.85	0.00	0.00	0.00	5357.98
1993	0.00	0.00	0.00	866.76	809.13	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1440.64	12145.81
1994	1450.29	0.00	0.00	692.48	757.27	1478.01	1472.16	1521.24	1375.36	875.29	733.74	0.00	10355.83
1995	0.00	588.01	639.07	1492.06	1362.70	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	14583.27
1996	1521.24	1296.64	1353.72	1439.05	1423.09	1521.24	1472.16	1500.19	1472.16	1521.24	1521.24	1472.16	17514.12
1997	1521.24	1423.64	1521.24	1253.98	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17595.55
1998	1521.24	1423.85	1465.62	1468.26	1374.02	1521.24	1472.16	1517.82	1472.16	1521.24	1521.24	1472.16	17751.01
1999	1521.24	1419.20	1487.88	1521.24	1374.02	1521.24	1472.16	1502.30	1472.16	1521.24	1521.24	1472.16	17806.08
2000	1521.24	1418.92	1464.12	1470.37	1407.32	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17783.40
AVERAGE	1346.47	1245.02	1301.82	1329.59	1260.38	1467.46	1466.68	1507.97	1449.02	1478.11	1434.79	1350.05	16637.28

## WASHOE PLANT MONTHLY ENERGY PRODUCTION

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YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1400.31	1200.00	1242.46	1362.48	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.53	16199.29
1902	1408.38	1218.98	1226.09	1221.47	1126.85	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15924.17
1903	1408.38	1209.65	1224.78	1352.20	1152.41	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16038.97
1904	1408.38	1362.95	1219.89	1217.96	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1358.85	16244.98
1905	1408.38	1222.47	1408.38	1408.38	1124.82	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16263.99
1906	1408.38	1215.14	1224.99	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16251.37
1907	1408.38	1232.52	1310.25	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1354.25	16345.31
1908	1408.38	1223.34	1408.38	1408.38	1163.76	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16303.80
1909	1150.48	1215.11	1226.55	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1358.85	15990.89
1910	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16551.74
1911	1395.83	1256.53	1318.56	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1355.19	16366.01
1912	1408.38	1223.23	1239.86	1234.88	1146.69	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15944.61
1913	1408.38	1214.90	1222.73	1317.89	1143.48	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15998.92
1914	1150.48	1208.56	1338.47	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16100.37
1915	1408.38	1216.57	1243.73	1250.21	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16113.36
1916	1408.38	1211.05	1244.57	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16312.29
1917	1408.38	1222.47	1278.08	1228.74	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16132.14
1918	1408.38	1209.23	1230.55	1224.59	1198.34	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1344.64	15975.16
1919	1150.48	1216.71	1226.84	1226.54	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15784.21
1920	1222.73	1215.91	1381.78	1339.63	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16169.12
1921	1150.48	1073.97	1146.18	1323.78	1131.02	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15516.99
1922	1319.07	1208.98	1331.07	1241.22	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16094.82
1923	1408.38	1220.80	1408.38	1408.38	1192.02	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1327.51	16324.91
1924	1408.38	1214.62	1229.77	1226.75	1141.91	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15943.81
1925	1408.38	1166.31	1164.41	814.70	1272.09	1396.60	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15505.66
1926	1167.90	962.37	1172.55	1174.89	1134.33	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15334.44
1927	1013.58	1235.21	842.54	838.49	1210.88	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	14863.09
1928	1408.38	1224.87	1223.89	1059.72	985.02	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15624.27
1929	1371.73	1305.26	1167.40	1162.74	1055.57	1274.93	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15651.63
1930	1287.71	480.62	1145.32	1094.70	1025.41	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	14725.31
1931	1150.48	1109.51	576.14	419.97	0.00	739.38	1219.26	1349.42	1105.44	387.97	0.00	0.00	8057.58
1932	0.00	0.00	0.00	640.56	563.33	850.98	1362.95	1408.38	1362.95	1394.95	1354.62	1332.22	10270.95
1933	1392.48	0.00	400.70	535.02	385.90	652.00	1362.95	1408.38	1362.95	1408.38	755.03	0.00	9663.81
1934	0.00	0.00	387.80	0.00	479.33	1408.38	1362.95	1346.68	475.23	0.00	0.00	0.00	5460.38
1935	0.00	0.00	0.00	0.00	0.00	0.00	1362.95	1408.38	1362.95	1408.38	1408.38	1196.45	8147.49
1936	432.82	457.88	397.31	592.64	1306.11	1408.38	1362.95	1408.38	1362.95	1385.16	1354.66	1332.12	12801.37
1937	1408.38	843.67	1115.78	983.50	1081.44	974.28	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	14690.22
1938	1408.38	858.92	1408.38	892.84	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15562.99
1939	1408.38	1216.71	1232.92	1256.54	1127.73	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1336.77	15938.48
1940	1355.35	1272.44	1328.79	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16374.04
1941	1408.38	1218.98	1398.41	1322.14	1201.95	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16241.42
1942	1408.38	1216.78	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16436.40
1943	1408.38	1330.58	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1402.11	1332.12	16513.10
1944	1408.38	1223.97	1239.72	1252.63	1272.03	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16088.28
1945	1150.48	1291.48	1241.87	1224.20	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15871.67
1946	1408.38	1239.99	1408.38	1408.38	1124.36	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16281.05
1947	1408.38	1362.95	1258.02	1396.94	1239.10	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16387.77
1948	1150.48	1362.95	1327.57	1095.99	1232.22	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15860.76
1949	1387.95	1054.25	1090.49	1006.50	993.92	999.10	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	14815.37
1950	1408.38	1097.08	1102.42	1151.63	991.31	1389.03	1362.95	1408.38	1362.95	1408.38	1408.38	1332.93	15423.83
1951	1325.15	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16468.51
1952	1408.38	1231.51	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1350.57	16484.18
1953	1408.38	1251.51	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1357.02	16465.20
1954	1408.38	1222.50	1231.79	1251.64	1207.24	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16013.11
1955	1247.07	1362.95	1273.96	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16256.00
1956	1150.48	1241.91	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16249.06
1957	1408.38	1240.20	1232.67	1255.32	1176.66	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16035.61
1958	1408.38	1224.24	1262.69	1264.25	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16154.04
1959	1408.38	1248.03	1225.24	1241.54	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16117.67
1960	1408.38	1362.95	1347.11	1362.56	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16520.90



## WASHOE PLANT MONTHLY ENERGY PRODUCTION

TROA.In.LWSA.Base    Future W/O TROA Local Water Supply Alt (50 cfs Bypass)    PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1389.60	1129.67	1047.55	867.02	751.26	858.79	1362.95	1369.16	1362.95	1408.38	893.70	713.70	13154.73
1962	0.00	0.00	0.00	0.00	803.00	1125.63	1362.95	1408.38	1362.95	1408.38	1408.38	1332.13	10211.80
1963	1408.38	1000.51	1315.29	1173.38	1272.09	1242.70	1362.95	1408.38	1362.95	1372.00	1354.66	1332.12	15605.41
1964	1203.63	1199.37	1116.29	1087.21	1003.21	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15301.26
1965	1156.08	1287.14	1408.38	1408.38	1223.18	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1337.28	16179.88
1966	1408.38	1362.95	1408.38	1408.38	1115.24	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16394.89
1967	1150.48	1362.95	1364.77	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16281.05
1968	1408.38	1211.01	1255.82	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16292.67
1969	1408.38	1217.90	1261.09	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16290.22
1970	1408.38	1213.81	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16402.60
1971	1408.38	1302.57	1408.28	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16522.09
1972	1408.38	1232.86	1408.38	1275.12	1160.32	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16176.62
1973	1228.35	1219.26	1260.78	1408.38	1258.57	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1322.46	16057.24
1974	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1975	1408.38	1227.90	1228.64	1225.23	1228.99	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1356.55	16035.13
1976	1408.38	1217.03	1256.86	1221.51	1161.13	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15987.29
1977	1408.38	1349.76	1313.41	1312.00	1131.01	1243.20	1362.95	1408.38	1362.95	1408.38	1408.38	739.50	15448.32
1978	0.00	335.85	803.70	1130.61	895.26	1408.38	1362.95	1408.38	1362.95	1399.45	1354.65	1334.08	12796.26
1979	1221.06	863.07	1140.16	867.38	840.14	942.26	1361.83	1408.38	1362.95	1408.38	1408.38	1332.12	14156.12
1980	1408.38	1024.82	1028.65	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1357.45	15904.63
1981	1286.77	1207.12	1243.45	1258.85	1113.90	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	15801.65
1982	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1983	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16582.57
1984	1408.38	1362.95	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16628.00
1985	1408.38	1317.74	1235.07	1229.80	1122.04	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1332.12	16004.58
1986	1299.31	1219.71	1272.26	1239.36	1272.09	1408.38	1362.95	1408.38	1362.95	1360.25	1408.38	1362.95	15976.97
1987	1408.38	1207.33	1239.44	1244.07	1122.85	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15944.46
1988	1195.72	1147.40	1178.45	1188.08	1092.72	1252.12	1362.95	1408.38	1362.95	1373.80	817.95	338.82	13719.35
1989	0.00	732.86	567.84	496.38	912.00	1408.38	1362.95	1408.38	1362.95	1408.38	1401.09	1332.17	12393.38
1990	1151.03	1020.38	621.61	762.31	649.22	1047.55	1362.95	1350.25	1362.95	1408.38	539.78	0.00	11276.42
1991	0.00	0.00	0.00	0.00	0.00	836.27	1362.95	1346.66	1295.24	1113.90	0.00	0.00	5955.02
1992	0.00	0.00	0.00	0.00	554.87	765.46	1362.95	1272.76	0.00	0.00	0.00	0.00	3956.04
1993	0.00	0.00	0.00	637.60	586.56	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1169.31	10752.89
1994	1197.22	0.00	0.00	539.91	556.41	1254.81	1362.95	1408.38	1086.59	624.75	544.96	0.00	8575.98
1995	0.00	460.38	506.79	1308.82	1186.85	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1349.98	13172.25
1996	1408.38	1041.74	1101.43	1203.96	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15795.41
1997	1408.38	1211.22	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16430.84
1998	1408.38	1211.71	1242.29	1248.04	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1397.44	1362.95	16093.94
1999	1408.38	1201.22	1294.77	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16307.23
2000	1408.38	1200.59	1238.98	1252.80	1229.26	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1337.72	16027.16
AVERAGE	1202.81	1070.48	1126.14	1157.14	1114.85	1329.24	1361.50	1404.23	1334.43	1357.58	1314.75	1226.89	15000.11

# TRUCKEE RIVER OPERATING AGREEMENT

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (150 cfs Bypass)      PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	818.54	716.39	0.00	0.00	1219.95	1350.66	1307.09	1350.66	1307.09	1249.84	1173.99	952.76	11446.97
1902	852.20	0.00	0.00	0.00	812.69	1091.51	1307.09	1350.66	1307.09	1270.87	1180.97	996.86	10169.95
1903	868.75	0.00	663.38	607.89	489.98	1239.47	1307.09	1350.66	1307.09	1262.04	1179.55	979.93	11255.83
1904	1350.66	1181.10	636.02	653.04	1263.52	1350.66	1307.09	1350.66	1307.09	1297.88	1169.06	956.87	13823.65
1905	967.08	0.00	1350.66	1350.66	758.55	1350.66	1307.09	1350.66	1307.09	1264.11	994.00	943.98	12944.54
1906	1350.66	500.59	0.00	819.31	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1171.92	964.09	12692.69
1907	1350.66	580.98	847.61	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1152.95	955.52	14124.48
1908	1021.18	0.00	1350.66	1350.66	786.13	1350.66	1307.09	1350.66	1307.09	1244.14	1011.03	942.52	13021.82
1909	915.48	0.00	703.60	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1168.42	956.87	12981.14
1910	1350.66	1307.09	1350.66	1350.66	823.95	1350.66	1307.09	1350.66	1307.09	1236.89	1008.87	942.96	14687.23
1911	850.66	0.00	461.03	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1157.18	955.80	12661.44
1912	1350.66	0.00	723.13	659.68	627.01	903.23	1241.76	1350.66	1307.09	1029.38	1016.16	941.89	11150.65
1913	1350.66	0.00	0.00	0.00	697.89	1152.87	1307.09	1350.66	1307.09	1350.66	1010.29	944.61	10471.82
1914	960.39	823.34	0.00	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1149.43	950.95	13120.88
1915	1350.66	443.42	760.46	567.61	466.12	926.63	1307.09	1350.66	1307.09	1236.19	1168.42	970.99	11855.35
1916	1350.66	491.69	609.23	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1159.26	953.11	13844.29
1917	1130.08	0.00	1102.89	800.78	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1169.78	952.13	13041.76
1918	1110.07	0.00	703.34	470.70	576.01	932.70	1307.09	1350.66	1307.09	1248.80	1013.26	931.37	10951.09
1919	913.88	0.00	502.42	0.00	439.42	789.99	1307.09	1350.66	1307.09	1236.19	1009.62	943.37	9799.73
1920	911.83	0.00	0.00	883.64	1080.77	967.29	1307.09	1350.66	1307.09	1350.66	1012.30	943.58	11114.90
1921	963.81	0.00	0.00	0.00	0.00	1313.27	1307.09	1350.66	1307.09	1261.21	1069.09	944.19	9516.41
1922	839.42	0.00	0.00	0.00	590.36	493.83	1307.09	1350.66	1307.09	1242.53	1175.77	992.64	9299.39
1923	988.76	470.40	1237.37	1350.66	707.61	1189.57	1307.09	1350.66	1307.09	1233.33	1164.92	955.29	13262.76
1924	1350.66	501.19	784.26	772.86	574.14	0.00	951.64	1350.66	1268.71	1350.66	1350.66	1262.54	11517.98
1925	852.31	443.10	488.57	0.00	732.10	870.15	1307.09	1350.66	1307.09	1032.72	1017.72	944.00	10345.51
1926	852.91	0.00	773.39	680.13	723.71	739.39	1307.09	1350.66	1307.09	1350.66	1251.02	1256.89	11592.94
1927	879.65	0.00	0.00	0.00	700.96	1350.66	1307.09	1350.66	1307.09	1256.36	1176.77	956.72	10285.97
1928	1124.15	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	1151.52	10292.49
1929	1000.86	868.29	0.00	670.53	633.02	681.96	1307.09	1350.66	1307.09	1350.66	1248.24	1261.04	11679.44
1930	871.37	0.00	454.80	0.00	0.00	737.23	1307.09	1350.66	1307.09	1350.66	1020.55	943.45	9342.89
1931	819.91	443.27	0.00	0.00	0.00	0.00	869.35	977.44	950.70	692.49	0.00	0.00	4753.17
1932	0.00	0.00	0.00	0.00	0.00	0.00	1117.32	1350.66	1307.09	981.28	977.68	928.19	6662.22
1933	927.06	0.00	0.00	0.00	0.00	0.00	1236.67	1350.66	1307.09	1220.78	598.01	0.00	6640.26
1934	0.00	0.00	0.00	0.00	0.00	1079.36	1006.04	963.82	0.00	0.00	0.00	0.00	3049.23
1935	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1327.25	977.98	925.08	7195.15
1936	0.00	0.00	0.00	0.00	0.00	947.35	1307.09	1350.66	1307.09	1018.54	1009.09	944.40	7884.24
1937	923.56	0.00	690.20	0.00	0.00	0.00	1307.09	1350.66	1307.09	1068.36	1013.19	942.94	8603.09
1938	1350.66	0.00	1350.66	0.00	417.28	676.88	1307.09	1350.66	1307.09	1350.66	1150.14	953.58	11214.71
1939	1046.67	0.00	593.18	710.99	626.58	806.06	1307.09	1350.66	1008.44	1350.66	1044.33	940.32	10784.98
1940	818.18	803.61	667.84	0.00	761.96	1350.66	1307.09	1350.66	1307.09	1233.95	995.30	942.72	11539.07
1941	1350.66	0.00	630.63	628.70	869.93	1350.66	1307.09	1350.66	1307.09	1350.66	1170.49	968.60	12285.18
1942	849.71	0.00	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1163.49	951.79	13552.42
1943	1350.66	878.61	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1233.95	986.35	940.54	14626.88
1944	1350.66	0.00	709.77	750.63	709.43	0.00	1202.22	1350.66	1307.09	1350.66	1011.77	942.96	10685.85
1945	817.48	0.00	0.00	0.00	895.06	0.00	1307.09	1350.66	1307.09	1239.40	1011.03	943.37	8871.18
1946	908.63	0.00	1350.66	1350.66	758.55	1350.66	1307.09	1350.66	1307.09	1350.66	1011.03	943.45	12989.15
1947	894.83	0.00	680.46	938.99	863.36	688.43	1307.09	1350.66	1307.09	1350.66	1350.66	1245.97	11978.21
1948	693.58	894.05	805.10	574.72	644.59	675.81	1307.09	1350.66	1307.09	1154.02	1021.22	945.21	11373.14
1949	853.32	728.25	667.14	484.02	612.90	550.61	1307.09	1350.66	1293.80	1276.72	1233.54	945.62	11303.66
1950	1350.66	654.78	479.86	0.00	630.90	570.77	1307.09	1350.66	1307.09	1260.45	1014.60	944.61	10871.48
1951	819.99	1307.09	1350.66	1350.66	862.46	1350.66	1307.09	1350.66	1307.09	1002.61	997.47	943.02	13949.47
1952	1350.66	0.00	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1147.34	954.37	14083.37
1953	1084.67	0.00	1350.66	1350.66	968.70	1350.66	1307.09	1350.66	1307.09	1350.66	1188.37	983.09	13592.31
1954	1350.66	0.00	0.00	521.94	625.86	1007.23	1307.09	1343.95	1307.09	1350.66	1021.22	943.56	10779.26
1955	987.82	966.81	661.20	934.51	887.92	980.07	1266.40	1350.66	1307.09	1350.66	1020.55	944.00	12657.70
1956	635.85	842.08	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1350.66	1154.38	955.22	14218.54
1957	1350.66	443.20	836.61	865.18	797.49	1350.66	1307.09	1350.66	1307.09	1253.94	1173.28	954.17	12990.02
1958	1350.66	0.00	505.40	725.64	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1158.54	955.94	12582.30
1959	1350.66	0.00	746.42	718.19	628.86	1091.51	1307.09	1350.66	1307.09	1350.66	1350.66	1307.09	12508.89
1960	951.28	823.32	721.57	712.57	719.56	988.93	1307.09	1350.66	1307.09	1334.97	1245.04	1257.51	12719.59

## FARAD PLANT MONTHLY ENERGY PRODUCTION

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (150 cfs Bypass)      PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	863.15	479.76	0.00	0.00	0.00	0.00	1020.96	1038.94	1189.13	1286.47	968.08	567.30	7413.78
1962	0.00	0.00	0.00	0.00	0.00	0.00	1307.09	1350.66	1307.09	1172.49	978.30	927.97	7043.60
1963	1350.66	611.60	762.15	620.90	1219.95	700.69	975.61	1350.66	1307.09	983.38	980.13	941.44	11804.27
1964	1171.01	946.06	0.00	0.00	0.00	930.23	1307.09	1350.66	1307.09	1297.37	1137.04	944.19	10390.74
1965	967.09	470.60	1350.66	1350.66	726.68	937.82	1307.09	1350.66	1307.09	1233.33	977.64	954.97	12934.29
1966	1164.27	626.50	1350.66	860.19	644.52	816.37	1307.09	1326.77	1307.09	1267.98	1243.09	944.82	12859.36
1967	873.60	916.33	0.00	578.19	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1155.75	954.80	12364.79
1968	972.70	0.00	487.62	951.13	1263.52	1350.66	1227.18	1350.66	1307.09	1090.78	1018.32	944.00	11963.67
1969	965.23	0.00	689.29	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1162.05	955.80	13009.14
1970	1350.66	541.87	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1233.95	987.27	941.87	14292.39
1971	1350.66	670.39	986.98	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1157.18	954.04	14356.03
1972	1350.66	0.00	587.06	635.47	581.20	1350.66	1307.09	1350.66	1307.09	1350.66	1013.93	942.96	11777.43
1973	799.83	636.89	0.00	1018.17	0.00	506.22	1307.09	1350.66	1307.09	1350.66	1012.52	944.00	10233.13
1974	852.27	1235.24	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1170.49	957.51	14802.95
1975	1350.66	0.00	697.58	635.05	889.57	1350.66	1307.09	1350.66	1307.09	1248.66	1165.56	951.62	12254.20
1976	870.83	572.61	1060.27	847.26	748.06	1046.84	1307.09	1350.66	1260.97	1350.66	1350.66	1243.99	13009.88
1977	899.78	731.14	752.76	670.83	572.61	673.20	1307.09	1350.66	1307.09	1306.91	977.78	853.85	11403.69
1978	0.00	0.00	0.00	0.00	0.00	932.21	1125.20	1350.66	1307.09	1023.59	1012.37	943.77	7694.90
1979	944.96	0.00	729.97	0.00	0.00	659.04	1307.09	1350.66	1238.26	1293.57	1021.96	945.01	9490.51
1980	888.72	572.40	581.77	1350.66	1263.52	1251.23	1307.09	1350.66	1307.09	1350.66	1165.56	956.48	13345.84
1981	1138.14	0.00	0.00	0.00	706.63	745.62	1182.85	1350.66	1307.09	1350.66	1350.66	947.33	10079.64
1982	927.07	1307.09	1350.66	1192.81	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1148.06	916.66	14728.46
1983	1350.66	1307.09	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	1350.66	944.95	15540.79
1984	986.39	1307.09	1350.66	1350.66	1263.52	1350.66	1307.09	1350.66	1307.09	1233.95	1164.20	953.11	14925.09
1985	1350.66	457.62	0.00	636.64	523.45	961.28	1307.09	1271.45	1307.09	1256.43	1015.42	943.37	11030.50
1986	925.27	0.00	695.36	837.38	1219.95	1350.66	1307.09	1350.66	1307.09	973.06	1146.69	947.90	12061.11
1987	1350.66	0.00	0.00	0.00	512.30	830.99	1307.09	1350.66	1307.09	1350.66	1350.66	1066.30	10426.40
1988	890.05	520.70	565.56	471.35	521.47	694.69	1307.09	1350.66	1307.09	981.00	891.84	538.71	10040.20
1989	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1350.66	988.58	943.98	8598.72
1990	968.85	662.19	0.00	0.00	0.00	514.58	1307.09	975.08	1136.89	1089.61	713.29	0.00	7367.59
1991	0.00	0.00	0.00	0.00	0.00	0.00	1042.29	967.72	1115.81	891.66	0.00	0.00	4017.48
1992	0.00	0.00	0.00	0.00	0.00	0.00	1044.04	923.27	0.00	0.00	0.00	0.00	1967.31
1993	0.00	0.00	0.00	0.00	0.00	1350.66	1307.09	1350.66	1307.09	1157.32	975.07	904.18	8352.07
1994	663.90	0.00	0.00	0.00	0.00	630.26	1262.29	1147.98	848.53	0.00	0.00	0.00	4552.95
1995	0.00	0.00	0.00	627.56	580.29	1350.66	1307.09	1350.66	1307.09	1350.66	1058.42	956.77	9889.20
1996	971.18	0.00	870.53	868.36	1263.52	1350.66	1307.09	1350.66	1307.09	1024.86	1159.26	953.89	12427.09
1997	1350.66	530.67	1350.66	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1135.45	1350.66	1053.41	14657.62
1998	1350.66	0.00	0.00	539.16	1219.95	1350.66	1307.09	1350.66	1307.09	1350.66	984.10	918.15	11678.18
1999	1262.15	537.22	1284.99	1350.66	1219.95	1350.66	1307.09	1350.66	1307.09	1028.57	1176.63	1010.89	14186.55
2000	1350.66	0.00	718.83	466.78	1172.52	1350.66	1307.09	1350.66	1307.09	1350.66	1030.27	945.21	12350.42
AVERAGE	952.12	327.54	579.80	637.27	706.28	977.03	1275.67	1324.96	1263.35	1215.41	1046.09	900.11	11205.67

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)      PAGE NO. 1  
 (Energy in MEGAWATT-HOURS)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1571.33	1520.64	848.78	775.83	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16983.07
1902	1571.33	942.78	1186.98	1105.66	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17073.25
1903	1571.33	1307.96	1529.14	1547.65	1313.15	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18116.47
1904	1571.33	1520.64	1502.82	1516.81	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18428.79
1905	1571.33	1124.63	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18105.11
1906	1571.33	1371.69	805.87	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17586.71
1907	1571.33	1445.05	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18425.53
1908	1571.33	922.63	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17953.80
1909	1571.33	1267.12	1564.30	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18240.58
1910	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1911	1571.33	1219.91	1356.68	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17985.75
1912	1571.33	1114.35	1571.33	1530.96	1436.79	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18071.99
1913	1571.33	853.98	804.76	577.41	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16073.97
1914	1571.33	1520.64	1138.05	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18067.84
1915	1571.33	1318.86	1571.33	1458.33	1417.64	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18184.73
1916	1571.33	1361.03	1492.12	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18312.99
1917	1571.33	1283.46	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18263.95
1918	1571.33	1306.62	1565.96	1352.81	1409.85	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18053.81
1919	1571.33	915.98	1384.61	793.09	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16931.51
1920	1571.33	757.56	675.62	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16893.02
1921	1571.33	1200.72	1086.37	1006.02	999.45	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16711.13
1922	1571.33	744.76	554.38	766.41	1419.26	1536.06	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	15868.11
1923	1571.33	1347.01	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18327.49
1924	1571.33	1371.91	1571.33	1571.33	1388.14	909.47	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17659.40
1925	1571.33	1319.57	1370.37	824.16	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17351.93
1926	1571.33	732.53	1571.33	1551.15	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17692.84
1927	1571.33	1208.53	920.06	1133.81	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17100.23
1928	1571.33	1265.34	875.49	872.95	886.78	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16319.12
1929	1571.33	1520.64	1331.64	1534.09	1416.56	1558.16	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18208.33
1930	1571.33	710.80	1373.10	1242.21	1202.27	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16946.94
1931	1571.33	1322.67	1174.77	0.00	0.00	1303.57	1520.64	1571.33	1520.64	1542.24	1128.28	478.28	13133.76
1932	0.00	0.00	0.00	816.59	699.51	1338.24	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	12130.25
1933	1571.33	0.00	589.37	630.57	0.00	718.30	1520.64	1571.33	1520.64	1571.33	1433.31	561.06	11687.87
1934	0.00	0.00	449.35	410.10	671.36	1571.33	1520.64	1571.33	957.61	896.54	461.68	0.00	8509.93
1935	397.21	0.00	0.00	0.00	363.78	0.00	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	10036.90
1936	547.98	659.48	0.00	837.35	1438.19	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	14330.23
1937	1571.33	738.65	1566.06	689.63	963.30	1265.82	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16070.70
1938	1571.33	752.98	1571.33	1265.50	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17427.64
1939	1571.33	1020.56	1471.69	1571.33	1416.21	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17898.36
1940	1571.33	1520.64	1532.76	1491.81	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18433.73
1941	1571.33	1290.12	1571.33	1549.40	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18248.68
1942	1571.33	1272.70	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18253.18
1943	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1944	1571.33	1097.77	1571.33	1571.33	1469.95	1313.28	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17870.90
1945	1571.33	797.87	1054.10	792.94	1419.26	1443.79	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16355.20
1946	1571.33	1206.39	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18186.87
1947	1571.33	1207.71	1560.74	1571.33	1419.26	1566.07	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18172.35
1948	1533.75	1520.64	1571.33	1450.91	1451.20	1545.59	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18349.33
1949	1571.33	1520.64	1543.79	1372.20	1399.10	1440.69	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18123.66
1950	1571.33	1504.48	1363.40	980.24	1419.26	1509.59	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17624.21
1951	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1952	1571.33	1049.14	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18080.31
1953	1571.33	1016.32	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17996.80
1954	1571.33	980.22	849.66	1417.62	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17085.33
1955	1571.33	1520.64	1552.39	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18482.18
1956	1482.07	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18462.55
1957	1571.33	1334.41	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18314.90
1958	1571.33	966.91	1410.18	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17786.25
1959	1571.33	1322.63	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18303.12
1960	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81

## FLEISH PLANT MONTHLY ENERGY PRODUCTION

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1571.33	1369.59	1286.15	1209.25	1057.89	1339.59	1520.64	1571.33	1520.64	1571.33	1571.33	1395.57	16984.63
1962	0.00	0.00	0.00	0.00	867.68	1365.11	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	11508.69
1963	1571.33	1473.39	1571.33	1549.40	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18431.95
1964	1571.33	1520.64	1269.57	1172.08	951.04	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17331.89
1965	1571.33	1347.23	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18327.71
1966	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1967	1571.33	1520.64	1374.15	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18303.94
1968	1571.33	1196.00	1388.11	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18043.95
1969	1571.33	1197.60	1569.49	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18176.24
1970	1571.33	1408.40	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18388.88
1971	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1972	1571.33	1195.27	1560.78	1531.56	1403.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18110.12
1973	1571.33	1493.65	1319.53	1571.33	1141.54	1434.06	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17807.34
1974	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1975	1571.33	1232.98	1560.18	1504.75	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18135.74
1976	1571.33	1437.36	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18468.53
1977	1571.33	1520.64	1571.33	1531.87	1362.07	1531.67	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18364.82
1978	394.30	0.00	844.39	1387.28	1242.34	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	14715.55
1979	1571.33	853.37	1571.33	797.81	663.97	1533.22	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16266.93
1980	1571.33	1435.63	1469.13	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18364.60
1981	1571.33	732.59	978.61	933.63	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16482.66
1982	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1983	1571.33	1520.64	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18501.12
1984	1571.33	1520.64	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18551.81
1985	1571.33	1394.55	1338.71	1508.49	1324.67	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17984.97
1986	1571.33	704.65	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17685.13
1987	1571.33	1249.39	747.21	738.07	1315.13	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	16468.36
1988	1571.33	1380.86	1449.69	1367.60	1344.72	1552.67	1520.64	1571.33	1520.64	1571.33	1571.33	1377.46	17799.59
1989	422.28	766.06	513.43	415.62	1056.22	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	14020.85
1990	1571.33	1503.85	624.16	878.59	701.09	1407.68	1520.64	1571.33	1520.64	1571.33	1568.77	686.83	15126.24
1991	0.00	0.00	0.00	0.00	0.00	1268.53	1520.64	1571.33	1520.64	1571.33	702.80	0.00	8155.26
1992	0.00	0.00	0.00	0.00	780.94	1270.54	1520.64	1571.33	754.17	1201.06	990.38	599.25	8688.30
1993	0.00	0.00	0.00	979.96	909.41	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	12736.61
1994	1507.36	0.00	0.00	473.57	593.26	1501.64	1520.64	1571.33	1520.64	1195.05	1064.97	827.24	11775.70
1995	401.99	0.00	420.42	1546.01	1366.62	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	14582.27
1996	1571.33	754.16	1571.33	1571.33	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17785.33
1997	1571.33	1396.85	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18377.33
1998	1571.33	1249.44	1008.72	1431.36	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	17527.34
1999	1571.33	1397.70	1571.33	1571.33	1419.26	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18378.18
2000	1571.33	1238.24	1571.33	1366.54	1469.95	1571.33	1520.64	1571.33	1520.64	1571.33	1571.33	1520.64	18064.62
AVERAGE	1418.21	1108.19	1246.32	1278.99	1281.30	1510.74	1520.64	1571.33	1507.35	1556.82	1534.84	1443.04	16977.63

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1408.49	1349.77	718.84	686.79	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16039.36
1902	1433.79	817.34	1016.69	940.63	1352.14	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16062.03
1903	1446.13	1136.41	1320.03	1371.89	1149.34	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16925.24
1904	1521.24	1472.16	1295.45	1307.23	1417.00	1457.90	1423.82	1413.37	1444.76	1521.24	1521.24	1472.16	17267.59
1905	1521.24	979.34	1521.24	1521.24	1317.60	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17362.09
1906	1521.24	1193.59	681.87	1521.24	1374.02	1521.24	1394.14	1441.61	1472.16	1521.24	1521.24	1472.16	16635.74
1907	1521.24	1257.71	1485.33	1521.24	1374.02	1486.79	1326.37	1342.48	1355.86	1507.95	1521.24	1472.16	17172.40
1908	1521.24	803.09	1521.24	1521.24	1363.16	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17231.40
1909	1480.78	1102.91	1351.32	1521.24	1374.02	1521.24	1472.16	1480.41	1472.16	1521.24	1521.24	1472.16	17290.88
1910	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17911.33
1911	1432.63	1061.93	1176.18	1521.24	1374.02	1521.24	1372.68	1420.41	1413.79	1521.24	1521.24	1472.16	16808.76
1912	1521.24	970.50	1374.27	1324.54	1240.84	1510.97	1472.16	1521.24	1472.16	1521.24	1521.24	1472.01	16922.40
1913	1521.24	741.32	679.66	531.77	1269.58	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15245.00
1914	1514.18	1423.67	1036.76	1521.24	1374.02	1521.24	1472.16	1474.93	1472.16	1521.24	1521.24	1472.16	17325.00
1915	1521.24	1148.38	1402.90	1266.04	1295.28	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17135.27
1916	1521.24	1182.96	1293.58	1521.24	1423.09	1521.24	1430.37	1521.24	1472.16	1521.24	1521.24	1472.16	17401.75
1917	1521.24	1119.90	1521.24	1422.43	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17460.26
1918	1521.24	1135.11	1353.86	1165.06	1243.68	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1464.08	16912.30
1919	1479.59	794.21	1193.80	671.51	1314.81	1504.63	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15938.76
1920	1478.08	658.44	656.36	1481.95	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16199.37
1921	1516.77	1049.14	956.71	917.43	865.96	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15807.44
1922	1424.21	643.37	518.69	656.07	1374.02	1402.52	1472.16	1465.12	1472.16	1521.24	1521.24	1472.16	14942.97
1923	1521.24	1174.20	1521.24	1521.24	1320.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17559.44
1924	1521.24	1193.59	1411.16	1401.63	1196.70	784.76	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16489.28
1925	1433.87	1149.58	1180.70	692.33	1342.99	1473.48	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16253.16
1926	1434.31	634.56	1396.93	1343.72	1318.28	1374.90	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16482.91
1927	1454.24	1111.54	783.52	969.67	1359.26	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16179.66
1928	1521.24	1105.08	744.52	738.39	747.52	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15358.18
1929	1521.24	1447.99	1148.42	1323.66	1227.04	1352.94	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16489.28
1930	1448.08	610.13	1203.27	1099.23	1054.16	1385.76	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15780.83
1931	1409.53	1153.95	1003.11	0.00	0.00	1119.20	1433.22	1521.24	1472.16	1324.89	945.74	374.69	11757.73
1932	0.00	0.00	365.09	761.03	654.18	1157.70	1472.16	1521.24	1472.16	1521.24	1521.24	1461.00	11907.03
1933	1489.34	0.00	490.97	596.92	0.00	611.87	1472.16	1521.24	1472.16	1521.24	1221.66	456.60	10854.17
1934	0.00	0.00	427.05	0.00	569.36	1521.24	1472.16	1511.48	795.69	751.11	377.63	0.00	7425.73
1935	0.00	0.00	0.00	0.00	0.00	0.00	1472.16	1521.24	1472.16	1521.24	1521.24	1458.87	8966.91
1936	429.04	568.67	0.00	731.29	1362.42	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	13592.87
1937	1486.76	637.60	1360.33	629.62	937.16	1123.99	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15155.65
1938	1521.24	655.19	1521.24	1103.08	1374.02	1521.24	1472.16	1420.20	1472.16	1521.24	1521.24	1472.16	16575.16
1939	1521.24	883.08	1272.15	1376.42	1229.63	1438.22	1472.16	1521.24	1472.16	1521.24	1521.24	1470.72	16699.49
1940	1408.22	1408.19	1323.07	1386.90	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17450.93
1941	1521.24	1124.35	1415.30	1365.20	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17301.55
1942	1431.93	1108.40	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17458.26
1943	1521.24	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1470.91	17910.08
1944	1521.24	955.99	1364.60	1401.44	1370.94	1189.94	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16784.34
1945	1407.69	735.84	903.15	670.07	1374.02	1301.58	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15372.56
1946	1510.43	1060.39	1521.24	1521.24	1317.54	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17432.27
1947	1465.50	1119.21	1357.35	1513.10	1374.02	1361.19	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17170.58
1948	1311.85	1463.32	1421.98	1251.52	1253.10	1337.79	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17019.77
1949	1434.62	1357.17	1339.44	1185.92	1211.57	1249.40	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16758.31
1950	1521.24	1306.88	1175.40	947.33	1273.15	1336.70	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16540.89
1951	1439.54	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17829.64
1952	1521.24	915.92	1521.24	1521.24	1423.09	1521.24	1369.91	1266.74	1472.16	1521.24	1521.24	1472.16	17047.41
1953	1521.24	896.91	1521.24	1521.24	1374.02	1521.24	1472.16	1515.31	1472.16	1521.24	1521.24	1472.16	17330.15
1954	1521.24	849.32	723.70	1231.20	1280.49	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16107.38
1955	1521.24	1472.16	1354.55	1518.34	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17741.75
1956	1265.44	1429.73	1521.24	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17662.17
1957	1521.24	1170.80	1448.87	1478.58	1361.84	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17482.77
1958	1521.24	839.45	1229.27	1392.98	1374.02	1521.24	1472.16	1454.17	1472.16	1521.24	1521.24	1472.16	16791.34
1959	1521.24	1163.51	1381.87	1371.89	1338.96	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17278.91
1960	1507.35	1424.84	1362.46	1369.08	1377.04	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17542.20

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1441.96	1201.52	1104.06	1034.35	905.92	1159.85	1472.16	1521.24	1472.16	1521.24	1515.76	1200.95	15551.18
1962	0.00	0.00	0.00	0.00	903.86	1251.38	1472.16	1521.24	1472.16	1521.24	1521.24	1460.82	11124.09
1963	1521.24	1283.21	1394.84	1368.63	1374.02	1433.80	1472.16	1521.24	1472.16	1521.24	1521.24	1471.64	17355.42
1964	1521.24	1472.16	1094.25	1012.41	809.18	1515.34	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16404.79
1965	1519.26	1174.41	1521.24	1521.24	1343.67	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17581.25
1966	1521.24	1416.34	1521.24	1479.40	1234.25	1434.52	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17587.18
1967	1449.74	1472.16	1234.38	1468.60	1374.02	1521.24	1472.16	1468.88	1449.30	1521.24	1521.24	1472.16	17425.13
1968	1521.24	1038.18	1207.03	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17212.22
1969	1521.24	1042.58	1365.66	1521.24	1374.02	1521.24	1403.75	1387.03	1472.16	1521.24	1521.24	1472.16	17123.55
1970	1521.24	1224.88	1521.24	1476.46	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1471.99	17619.10
1971	1521.24	1376.22	1521.24	1521.24	1374.02	1521.24	1472.16	1515.92	1472.16	1521.24	1521.24	1472.16	17810.08
1972	1521.24	1047.43	1397.69	1337.20	1216.14	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17021.14
1973	1436.00	1299.95	1150.23	1521.24	1044.27	1262.81	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16694.70
1974	1444.39	1472.16	1521.24	1521.24	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17834.48
1975	1521.24	1078.10	1348.28	1298.78	1374.02	1521.24	1472.16	1514.14	1472.16	1521.24	1521.24	1472.16	17114.76
1976	1462.68	1250.86	1521.24	1450.62	1336.50	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17523.33
1977	1469.16	1363.38	1382.67	1320.26	1177.89	1318.76	1472.16	1521.24	1472.16	1521.24	1521.24	1421.24	16961.39
1978	0.00	0.00	764.52	1236.53	1102.33	1517.26	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	13600.84
1979	1502.63	743.35	1374.74	686.22	591.50	1328.14	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15206.78
1980	1460.97	1248.50	1274.34	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17429.57
1981	1521.24	631.62	838.43	809.74	1277.31	1393.69	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15452.23
1982	1489.35	1472.16	1521.24	1521.24	1314.28	1521.24	1472.16	1469.28	1472.16	1521.24	1521.24	1472.16	17767.76
1983	1521.24	1472.16	1521.24	1521.24	1374.02	1505.81	1450.99	1339.46	1244.05	1521.24	1521.24	1472.16	17464.85
1984	1521.24	1420.18	1495.33	1521.24	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17882.51
1985	1521.24	1247.26	1156.46	1303.43	1148.75	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	16878.57
1986	1506.45	613.93	1377.16	1452.60	1320.54	1427.35	1457.48	1514.14	1472.16	1521.24	1521.24	1472.16	16656.45
1987	1521.24	1084.43	637.95	632.43	1140.72	1449.57	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	15446.54
1988	1461.95	1196.16	1254.59	1186.28	1161.00	1338.73	1472.16	1521.24	1472.16	1521.24	1478.27	1182.13	16245.91
1989	355.58	652.19	425.67	0.00	908.74	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	12843.62
1990	1520.61	1302.39	524.95	752.52	597.73	1220.75	1472.16	1520.93	1472.16	1521.24	1354.36	574.67	13834.47
1991	0.00	0.00	0.00	0.00	0.00	1092.44	1472.16	1514.72	1472.16	1454.56	591.40	0.00	7597.45
1992	0.00	0.00	0.00	0.00	658.78	1073.91	1472.16	1479.27	630.48	1029.89	832.60	489.00	7666.10
1993	0.00	0.00	0.00	836.82	773.19	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1442.67	12081.96
1994	1288.14	0.00	0.00	394.57	498.85	1296.69	1472.16	1521.24	1415.86	1019.36	897.40	691.61	10495.87
1995	0.00	0.00	0.00	1361.03	1180.63	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	13043.10
1996	1521.24	645.20	1482.84	1476.08	1423.09	1521.24	1472.16	1500.19	1472.16	1521.24	1521.24	1472.16	17028.83
1997	1521.24	1214.04	1521.24	1249.21	1374.02	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17381.18
1998	1521.24	1086.28	862.22	1241.93	1374.02	1521.24	1472.16	1517.82	1472.16	1521.24	1521.24	1472.16	16583.70
1999	1521.24	1211.83	1521.24	1521.24	1374.02	1521.24	1472.16	1502.30	1472.16	1521.24	1521.24	1472.16	17632.07
2000	1521.24	1071.88	1370.64	1187.27	1423.09	1521.24	1472.16	1521.24	1472.16	1521.24	1521.24	1472.16	17075.56
AVERAGE	1332.11	991.12	1126.08	1162.42	1190.30	1422.57	1465.58	1505.43	1451.89	1500.84	1476.47	1388.09	16012.82

# WASHOE PLANT MONTHLY ENERGY PRODUCTION

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1901	1231.22	1195.25	637.84	637.60	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1271.78	14605.20
1902	1155.83	610.62	723.86	677.71	1172.76	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1311.70	14011.90
1903	1173.63	844.79	1055.51	1153.52	927.78	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1300.75	14815.42
1904	1408.38	1362.95	1038.19	1047.55	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1285.28	15819.31
1905	1320.79	704.93	1408.38	1408.38	1113.07	1408.38	1362.95	1408.38	1362.95	1408.38	1318.63	1248.80	15474.04
1906	1408.38	926.47	531.79	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1290.50	15197.05
1907	1408.38	1013.76	1293.41	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1280.53	16035.99
1908	1408.38	603.86	1408.38	1408.38	1152.23	1408.38	1362.95	1408.38	1362.95	1408.38	1329.71	1245.45	15507.45
1909	1229.10	803.93	1090.56	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1285.28	15448.77
1910	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1328.31	1246.43	16385.98
1911	1154.21	754.02	877.87	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1281.50	15107.50
1912	1408.38	699.88	1121.09	1063.54	994.09	1337.97	1362.95	1408.38	1362.95	1338.19	1333.05	1244.02	14674.49
1913	1408.38	566.85	529.83	462.46	1042.53	1408.38	1362.95	1408.38	1362.95	1408.38	1329.23	1250.27	13540.60
1914	1296.67	1214.56	773.44	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1266.54	15591.10
1915	1408.38	864.17	1157.11	1007.26	1159.05	1395.60	1362.95	1408.38	1362.95	1408.38	1408.38	1294.97	15237.59
1916	1408.38	909.29	1047.09	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1272.82	15722.92
1917	1408.38	829.33	1408.38	1178.07	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1269.90	15725.58
1918	1408.38	842.87	1094.68	852.94	1038.12	1408.38	1362.95	1408.38	1362.95	1408.38	1331.17	1224.69	14743.90
1919	1227.03	596.98	892.42	526.38	1203.91	1362.70	1362.95	1408.38	1362.95	1408.38	1328.79	1247.37	13928.25
1920	1224.41	520.54	567.42	1270.15	1317.52	1406.47	1362.95	1408.38	1362.95	1408.38	1330.54	1247.86	14427.58
1921	1302.99	748.38	706.40	701.76	627.96	1408.38	1362.95	1408.38	1362.95	1408.38	1367.41	1249.29	13655.24
1922	1142.55	509.80	458.36	521.68	1272.09	1233.40	1362.95	1408.38	1362.95	1408.38	1408.38	1308.96	13397.90
1923	1364.24	901.69	1408.38	1408.38	1137.14	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1279.78	15859.05
1924	1408.38	926.20	1163.41	1150.51	947.69	594.43	1254.56	1408.38	1362.95	1408.38	1408.38	1362.95	14396.22
1925	1155.95	866.59	873.91	534.59	1181.35	1252.95	1362.95	1408.38	1362.95	1340.36	1334.07	1248.85	13922.90
1926	1156.58	505.60	1142.09	1086.37	1127.59	1113.46	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	14445.69
1927	1185.79	889.09	591.07	696.64	1235.42	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1284.75	14242.19
1928	1408.38	811.41	568.53	562.83	556.74	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	13630.27
1929	1372.53	1255.48	833.94	1058.67	993.05	1097.09	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	14924.75
1930	1176.52	483.53	932.06	808.82	792.75	1132.41	1362.95	1408.38	1362.95	1408.38	1324.63	1239.43	13432.82
1931	1115.75	865.81	709.27	0.00	0.00	777.69	1156.50	1275.06	1260.87	1012.12	634.97	0.00	8808.03
1932	0.00	0.00	365.75	615.46	542.89	846.86	1362.95	1408.38	1362.95	1301.03	1295.36	1225.83	10327.46
1933	1250.27	0.00	395.37	524.48	0.00	484.66	1362.95	1408.38	1362.95	1408.38	833.75	0.00	9031.20
1934	0.00	0.00	392.57	0.00	447.32	1408.38	1306.33	1245.57	521.75	524.08	0.00	0.00	5846.00
1935	0.00	0.00	0.00	0.00	0.00	0.00	1362.95	1408.38	1362.95	1408.38	1296.11	1221.45	8060.22
1936	0.00	462.06	0.00	572.93	1287.52	1408.38	1362.95	1408.38	1362.95	1331.13	1328.45	1249.78	11774.55
1937	1239.83	506.10	1109.33	530.81	752.22	839.35	1362.95	1408.38	1362.95	1363.52	1331.12	1246.39	13052.94
1938	1408.38	519.13	1408.38	793.50	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1274.26	15035.17
1939	1401.71	647.22	1008.15	1128.71	999.33	1203.34	1362.95	1408.38	1292.64	1408.38	1351.35	1240.57	14452.73
1940	1121.22	1188.45	1058.65	1236.79	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1319.48	1245.89	15439.06
1941	1408.38	833.42	1220.34	1136.49	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1293.43	15523.58
1942	1153.22	811.72	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1268.93	15682.14
1943	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1306.33	1241.06	16358.62
1944	1408.38	691.48	1109.76	1157.96	1196.44	959.12	1362.95	1408.38	1362.95	1408.38	1330.20	1246.43	14642.44
1945	1120.53	587.22	661.66	524.80	1272.09	1088.50	1362.95	1408.38	1362.95	1408.38	1329.71	1247.37	13374.55
1946	1314.75	764.62	1408.38	1408.38	1112.93	1408.38	1362.95	1408.38	1362.95	1408.38	1329.71	1247.57	15537.40
1947	1203.43	909.79	1107.74	1329.17	1232.10	1108.14	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15204.39
1948	1007.29	1287.97	1175.64	973.55	1007.15	1075.36	1362.95	1408.38	1362.95	1408.38	1336.33	1251.70	14657.66
1949	1157.01	1118.14	1083.92	885.80	975.23	975.45	1362.95	1408.38	1362.95	1408.38	1408.38	1252.68	14399.28
1950	1408.38	1059.05	867.94	746.00	1071.33	1106.33	1362.95	1408.38	1362.95	1408.38	1332.04	1250.27	14384.00
1951	1180.67	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1320.76	1320.89	1246.58	16063.37
1952	1408.38	670.16	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1276.74	15849.00
1953	1408.38	665.21	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1302.79	15824.67
1954	1408.38	629.63	557.61	956.66	1086.11	1408.38	1362.95	1408.38	1362.95	1408.38	1336.33	1247.81	14173.58
1955	1360.94	1362.95	1109.46	1349.47	1272.09	1397.27	1362.95	1408.38	1362.95	1408.38	1335.90	1248.85	15979.60
1956	934.40	1220.90	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1279.53	15928.55
1957	1408.38	907.28	1216.11	1269.94	1207.45	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1276.13	15644.74
1958	1408.38	624.56	960.36	1151.73	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1281.98	15058.54
1959	1408.38	901.03	1125.80	1118.85	1204.86	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15481.30
1960	1280.95	1217.24	1102.34	1116.12	1206.62	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15645.64



## WASHOE PLANT MONTHLY ENERGY PRODUCTION

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 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR	TOTAL
1961	1167.53	952.04	775.76	733.00	643.97	849.49	1316.47	1348.34	1362.95	1408.38	1273.97	852.17	12684.08
1962	0.00	0.00	0.00	0.00	760.52	1052.10	1362.95	1408.38	1362.95	1408.38	1296.87	1225.41	9877.56
1963	1408.38	1040.84	1143.29	1145.21	1272.09	1231.17	1362.95	1408.38	1362.95	1293.83	1288.08	1243.03	15200.22
1964	1408.38	1362.95	772.84	726.79	596.36	1338.67	1362.95	1408.38	1362.95	1408.38	1408.38	1249.29	14406.33
1965	1309.34	902.03	1408.38	1408.38	1184.95	1356.53	1362.95	1408.38	1362.95	1408.38	1372.79	1276.16	15761.23
1966	1408.38	1263.45	1408.38	1273.95	1000.87	1192.24	1362.95	1408.38	1362.95	1408.38	1408.38	1250.76	15749.09
1967	1179.00	1361.07	1018.53	1338.94	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1278.15	15807.21
1968	1332.74	737.56	924.58	1386.73	1317.52	1408.38	1362.95	1408.38	1362.95	1378.09	1334.45	1248.85	15203.17
1969	1354.10	742.06	1118.21	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1281.50	15535.77
1970	1408.38	971.93	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1309.40	1243.97	15973.59
1971	1408.38	1171.35	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1275.72	16303.74
1972	1408.38	749.27	1202.31	1090.55	979.97	1408.38	1362.95	1408.38	1362.95	1408.38	1331.60	1246.43	14959.57
1973	1181.24	1053.94	852.22	1408.38	833.44	1023.81	1362.95	1408.38	1362.95	1408.38	1330.68	1248.85	14475.23
1974	1177.55	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1286.25	16275.03
1975	1408.38	779.17	1087.77	1046.08	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1268.44	15221.36
1976	1208.52	1013.61	1408.38	1215.46	1113.21	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	15681.57
1977	1209.39	1128.18	1124.94	1053.42	946.18	1047.55	1362.95	1408.38	1362.95	1408.38	1295.60	1167.63	14515.55
1978	0.00	0.00	606.35	1010.45	879.04	1344.95	1362.95	1408.38	1362.95	1334.42	1330.58	1248.30	11888.39
1979	1270.81	569.42	1119.56	540.77	481.44	1065.99	1362.95	1408.38	1362.95	1408.38	1336.82	1251.21	13178.67
1980	1196.22	1008.49	1018.26	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1283.88	15592.19
1981	1408.38	501.17	625.47	614.08	1053.34	1143.10	1362.95	1408.38	1362.95	1408.38	1408.38	1256.90	13553.47
1982	1244.63	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1265.23	16321.09
1983	1408.38	1362.95	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1251.08	16470.70
1984	1370.27	1362.95	1408.38	1408.38	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1272.82	16499.76
1985	1408.38	1029.96	846.68	1047.55	910.87	1408.38	1362.95	1408.38	1362.95	1408.38	1332.57	1247.37	14774.43
1986	1293.97	493.25	1135.04	1223.52	1272.09	1408.38	1362.95	1408.38	1362.95	1343.64	1408.38	1258.34	14970.90
1987	1408.38	777.03	507.35	505.17	899.10	1216.73	1362.95	1408.38	1362.95	1408.38	1408.38	1356.51	13621.33
1988	1197.78	922.41	984.21	892.18	897.83	1070.58	1362.95	1408.38	1362.95	1303.23	1221.07	843.68	13467.27
1989	0.00	513.76	348.14	0.00	648.98	1408.38	1362.95	1408.38	1362.95	1408.38	1317.90	1248.81	11028.64
1990	1312.88	1049.57	421.48	576.03	468.84	934.21	1362.95	1269.53	1362.95	1390.79	1052.04	410.46	11611.74
1991	0.00	0.00	0.00	0.00	0.00	769.32	1353.11	1253.42	1362.95	1157.89	413.58	0.00	6310.28
1992	0.00	0.00	0.00	0.00	508.41	745.26	1334.50	1180.51	407.57	696.30	574.92	341.74	5789.21
1993	0.00	0.00	0.00	623.84	569.09	1408.38	1362.95	1408.38	1362.95	1408.38	1289.15	1188.26	10621.39
1994	978.90	0.00	0.00	0.00	394.59	1040.20	1362.95	1408.38	1133.02	686.47	612.05	492.53	8109.09
1995	0.00	0.00	0.00	1131.04	946.18	1408.38	1362.95	1408.38	1362.95	1408.38	1361.80	1283.98	11674.05
1996	1319.11	507.15	1277.97	1262.69	1317.52	1408.38	1362.95	1408.38	1362.95	1377.07	1408.38	1275.23	15287.79
1997	1408.38	954.43	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1408.38	1362.95	16174.05
1998	1408.38	781.56	638.55	970.44	1272.09	1408.38	1362.95	1408.38	1362.95	1408.38	1344.82	1282.65	14649.53
1999	1408.38	946.81	1408.38	1408.38	1272.09	1408.38	1362.95	1408.38	1362.95	1376.35	1408.38	1321.61	16093.06
2000	1408.38	758.34	1116.58	896.12	1317.52	1408.38	1362.95	1408.38	1362.95	1408.38	1342.22	1251.70	15041.91
AVERAGE	1159.43	797.97	945.07	992.65	1043.77	1267.13	1358.39	1399.60	1340.96	1369.48	1313.77	1186.83	14175.12

# **Exhibit 13**

## **Truckee River Operations Model**

**1901-2000 Simulated Monthly Hydropower Plant**

**Discharge for Current Conditions and Alternatives**

# CURRENT CONDITIONS

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base    Current Conditions Analysis (150 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	297.6	223.2	229.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1902	233.6	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1903	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1904	400.0	374.8	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1905	400.0	250.0	400.0	400.0	250.0	400.0	400.0	400.0	400.0	400.0	358.3	350.0
1906	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1907	400.0	255.0	254.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	394.9
1908	400.0	250.0	400.0	400.0	250.0	350.0	400.0	400.0	400.0	400.0	356.9	350.0
1909	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1910	400.0	400.0	400.0	400.0	272.3	400.0	400.0	400.0	400.0	400.0	356.4	350.0
1911	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1912	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	358.2	350.0
1913	329.4	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	356.7	350.0
1914	250.0	250.0	250.0	363.8	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1915	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1916	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1917	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1918	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	357.5	350.0
1919	250.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	356.6	350.0
1920	250.0	250.0	250.0	299.5	324.9	350.0	400.0	400.0	400.0	400.0	357.1	350.0
1921	250.0	200.0	224.0	250.0	250.0	350.0	400.0	400.0	400.0	350.0	350.0	350.0
1922	304.3	250.0	250.0	250.0	250.0	350.0	355.8	400.0	400.0	400.0	400.0	400.0
1923	350.6	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	397.5
1924	400.0	250.0	250.1	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1925	338.9	233.7	231.8	191.1	249.6	311.0	400.0	400.0	400.0	351.6	350.0	350.0
1926	262.2	187.8	212.0	210.0	226.7	352.9	400.0	400.0	400.0	400.0	400.0	400.0
1927	258.0	0.0	0.0	0.0	196.8	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1928	250.0	250.0	250.0	236.2	265.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1929	257.3	283.6	200.0	232.1	229.0	279.8	400.0	400.0	400.0	400.0	400.0	400.0
1930	328.9	0.0	208.2	206.2	206.1	240.3	400.0	400.0	400.0	400.0	350.0	350.0
1931	250.0	213.7	0.0	0.0	0.0	0.0	295.7	350.1	0.0	0.0	0.0	0.0
1932	0.0	0.0	0.0	0.0	0.0	0.0	364.3	400.0	400.0	350.0	350.0	350.0
1933	372.3	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	0.0	0.0
1934	0.0	0.0	0.0	0.0	0.0	341.6	350.0	350.0	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	350.0	220.3
1936	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	350.0	350.0	350.0
1937	344.9	0.0	158.3	0.0	0.0	0.0	400.0	400.0	400.0	400.0	350.0	350.0
1938	394.5	0.0	400.0	0.0	159.3	211.9	400.0	400.0	400.0	400.0	400.0	400.0
1939	279.1	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	351.6
1940	250.0	293.6	272.1	210.7	250.0	400.0	400.0	400.0	400.0	400.0	354.2	350.0
1941	400.0	250.0	250.0	250.0	255.7	357.2	400.0	400.0	400.0	400.0	355.6	350.0
1942	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1943	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	350.0	350.0
1944	400.0	250.0	250.0	250.0	250.0	350.0	390.9	400.0	400.0	400.0	398.2	350.0
1945	250.0	250.0	250.0	250.0	272.8	350.0	400.0	400.0	400.0	358.7	355.8	350.0
1946	354.8	250.0	390.3	400.0	250.0	350.0	400.0	400.0	400.0	400.0	356.1	350.0
1947	400.0	250.0	250.0	311.8	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1948	250.0	287.4	237.5	226.6	281.0	312.2	400.0	400.0	400.0	400.0	350.0	350.0
1949	250.0	200.3	200.0	196.7	201.3	0.0	400.0	400.0	400.0	400.0	400.0	350.0
1950	400.0	213.8	212.0	0.0	185.0	277.5	400.0	400.0	400.0	400.0	350.0	350.7
1951	269.7	400.0	400.0	400.0	400.0	391.9	400.0	400.0	400.0	353.9	354.9	350.0
1952	400.0	250.0	354.6	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1953	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1954	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1955	250.0	305.8	250.0	316.3	281.9	350.0	400.0	400.0	400.0	400.0	350.0	350.0

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base Current Conditions Analysis (150 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	250.0	263.7	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1957	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1958	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1959	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1960	348.9	340.3	291.9	290.6	283.6	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1961	328.9	186.4	153.3	154.3	155.8	0.0	350.3	350.0	350.7	357.0	263.6	209.5
1962	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	350.0	350.0
1963	400.0	181.4	230.7	203.8	400.0	222.2	350.0	400.0	400.0	350.0	350.0	350.0
1964	250.0	224.6	250.0	250.0	201.4	295.1	400.0	400.0	400.0	400.0	400.0	350.0
1965	251.7	273.7	400.0	400.0	250.0	350.0	400.0	400.0	400.0	400.0	350.0	350.0
1966	400.0	400.0	400.0	344.8	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1967	250.0	274.5	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	394.1
1968	400.0	250.0	250.0	332.9	344.9	400.0	400.0	400.0	400.0	400.0	358.5	350.0
1969	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1970	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	355.7	350.0
1971	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1972	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	357.9	350.0
1973	250.0	250.0	250.0	311.6	250.0	350.0	400.0	400.0	400.0	400.0	357.5	354.3
1974	400.0	386.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1975	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	397.2
1976	400.0	250.0	269.1	250.0	378.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1977	338.9	306.7	281.9	282.0	277.3	264.1	400.0	400.0	400.0	400.0	296.3	0.0
1978	0.0	0.0	0.0	0.0	0.0	334.7	387.8	400.0	400.0	350.0	350.0	350.0
1979	272.5	0.0	204.3	0.0	0.0	168.7	350.0	400.0	400.0	400.0	350.0	350.0
1980	400.0	193.7	0.0	400.0	400.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1981	226.4	250.0	250.0	250.0	250.0	350.0	350.0	400.0	400.0	400.0	400.0	400.0
1982	250.0	400.0	400.0	385.1	400.0	400.0	400.0	400.0	400.0	400.0	400.0	350.0
1983	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	392.5
1984	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1985	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	358.2	350.0
1986	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	350.0	400.0	391.1
1987	400.0	250.0	250.0	250.0	250.0	350.0	350.0	400.0	400.0	400.0	400.0	400.0
1988	340.2	235.2	232.1	232.0	231.3	263.3	400.0	400.0	400.0	289.2	0.0	0.0
1989	0.0	0.0	0.0	0.0	186.2	400.0	400.0	400.0	400.0	400.0	350.0	350.0
1990	250.0	223.9	0.0	0.0	0.0	234.9	400.0	361.8	353.7	355.2	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	350.0	350.0	350.0	311.5	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	350.0	350.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	400.0	367.0	262.8
1994	241.1	0.0	0.0	0.0	0.0	263.3	400.0	400.0	182.4	0.0	0.0	0.0
1995	0.0	0.0	0.0	253.2	286.8	400.0	400.0	400.0	400.0	400.0	400.0	383.4
1996	276.4	200.0	200.0	242.1	400.0	400.0	400.0	400.0	400.0	376.3	400.0	395.0
1997	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	389.6
1998	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	383.1	350.0
1999	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	377.1	400.0	382.9
2000	400.0	250.0	250.0	250.0	274.9	380.1	400.0	400.0	400.0	400.0	380.9	352.0
AVERAGE	300.5	214.6	230.5	241.3	258.8	325.0	393.9	397.1	384.4	376.3	348.6	337.7
317.4												

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base    Current Conditions Analysis ( 50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1902	319.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1903	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1904	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1905	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1906	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1907	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1908	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1909	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1910	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1911	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1912	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1913	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1914	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1915	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1916	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1917	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1918	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1919	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1920	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1921	327.0	316.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1922	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1923	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1924	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1925	327.0	327.0	327.0	295.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1926	327.0	299.3	317.1	320.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1927	327.0	288.7	262.8	258.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1928	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1929	327.0	327.0	307.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1930	327.0	212.5	327.0	327.0	326.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1931	327.0	327.0	229.7	140.6	121.7	239.9	327.0	327.0	170.4	0.0	0.0	0.0
1932	0.0	0.0	105.6	192.0	176.0	261.2	327.0	327.0	327.0	327.0	327.0	327.0
1933	327.0	0.0	120.6	139.7	115.8	210.2	327.0	327.0	327.0	327.0	189.1	0.0
1934	0.0	0.0	118.3	118.1	167.5	327.0	327.0	327.0	146.4	0.0	0.0	0.0
1935	0.0	0.0	0.0	108.3	109.4	122.4	327.0	327.0	327.0	327.0	327.0	264.0
1936	109.3	124.4	126.1	207.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1937	327.0	258.1	274.8	275.4	308.4	274.1	327.0	327.0	327.0	327.0	327.0	327.0
1938	327.0	261.8	327.0	267.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1939	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1940	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1941	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1942	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1943	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1944	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1945	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1946	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1947	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1948	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1949	327.0	309.8	316.3	307.8	314.7	264.3	327.0	327.0	327.0	327.0	327.0	327.0
1950	327.0	323.1	319.5	297.6	311.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1951	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1952	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1953	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1954	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1955	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base Current Conditions Analysis ( 50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1957	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1958	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1959	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1960	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1961	327.0	307.3	260.0	259.1	261.4	258.7	327.0	327.0	327.0	327.0	305.5	263.7
1962	0.0	0.0	0.0	0.0	217.0	291.9	327.0	327.0	327.0	327.0	327.0	327.0
1963	327.0	297.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1964	327.0	327.0	327.0	327.0	308.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1965	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1966	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1967	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1968	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1969	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1970	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1971	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1972	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1973	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1974	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1975	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1976	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1977	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	167.0
1978	108.0	0.0	192.8	279.2	276.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1979	327.0	263.3	313.7	262.7	271.5	280.2	327.0	327.0	327.0	327.0	327.0	327.0
1980	327.0	305.4	265.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1981	312.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1982	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1983	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1984	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1985	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1986	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1987	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1988	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	183.8	132.1
1989	109.7	221.6	179.9	160.1	293.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1990	327.0	327.0	220.2	242.7	228.9	327.0	327.0	327.0	327.0	327.0	101.1	107.3
1991	0.0	0.0	0.0	0.0	0.0	256.1	327.0	327.0	327.0	327.0	0.0	0.0
1992	0.0	117.2	0.0	0.0	185.7	249.6	327.0	327.0	101.4	0.0	0.0	0.0
1993	0.0	0.0	106.2	199.9	205.9	327.0	327.0	327.0	327.0	327.0	327.0	306.5
1994	327.0	0.0	134.3	164.9	190.5	327.0	327.0	327.0	264.3	169.4	150.5	130.4
1995	105.3	167.5	161.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1996	327.0	306.5	312.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1997	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1998	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1999	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
2000	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
<b>AVERAGE</b>	295.1	285.8	291.7	296.8	305.5	318.1	327.0	327.0	320.7	315.6	306.9	301.5
307.6												

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base    Current Conditions Analysis ( 50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	383.4	338.4	337.9	382.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1902	319.7	371.1	361.8	358.4	375.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1903	399.0	366.7	361.0	399.0	383.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1904	399.0	399.0	359.4	357.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1905	399.0	374.1	399.0	399.0	372.9	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1906	399.0	369.5	361.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1907	399.0	375.7	394.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1908	399.0	374.2	399.0	399.0	374.7	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1909	336.1	368.4	359.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1910	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1911	336.1	368.9	373.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1912	399.0	374.3	368.5	362.0	359.2	399.0	399.0	399.0	399.0	399.0	399.0	395.2
1913	399.0	369.1	358.9	392.0	371.0	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1914	336.1	370.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1915	399.0	368.2	368.5	373.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1916	399.0	364.1	368.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1917	399.0	373.7	386.1	362.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1918	399.0	363.7	359.9	358.7	395.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1919	336.3	369.1	360.2	359.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1920	336.1	368.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1921	336.3	327.8	363.4	399.0	378.1	399.0	399.0	399.0	399.0	392.1	392.6	395.0
1922	390.4	363.6	397.8	374.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1923	399.0	372.4	399.0	399.0	394.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1924	399.0	367.0	360.0	359.2	357.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1925	399.0	355.8	345.8	298.1	399.0	399.0	399.0	399.0	399.0	393.7	392.5	395.5
1926	348.5	307.0	320.5	327.4	365.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1927	344.0	314.4	271.3	263.8	368.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1928	336.5	376.0	364.9	344.9	372.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1929	343.4	398.5	312.2	340.6	346.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1930	399.0	217.4	343.7	345.9	340.1	361.9	399.0	399.0	399.0	399.0	392.5	395.0
1931	336.1	338.2	233.5	146.5	125.9	243.1	399.0	399.0	172.4	0.0	0.0	0.0
1932	0.0	0.0	129.4	212.1	195.6	268.7	399.0	399.0	399.0	391.7	392.2	394.6
1933	399.0	0.0	124.4	159.3	125.5	218.1	399.0	399.0	399.0	399.0	190.2	0.0
1934	0.0	0.0	137.5	125.8	174.0	399.0	399.0	399.0	150.7	0.0	0.0	0.0
1935	0.0	0.0	0.0	117.3	113.5	130.7	399.0	399.0	399.0	399.0	392.2	264.8
1936	0.0	131.8	131.3	219.5	399.0	399.0	399.0	399.0	399.0	392.1	392.6	395.0
1937	399.0	263.4	285.8	292.4	347.3	290.2	399.0	399.0	399.0	399.0	392.6	395.0
1938	399.0	269.7	399.0	279.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1939	365.2	368.4	360.8	374.2	376.2	399.0	399.0	399.0	399.0	399.0	399.0	396.6
1940	336.1	399.0	380.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	396.8	395.0
1941	399.0	370.6	399.0	393.2	399.0	399.0	399.0	399.0	399.0	399.0	398.2	395.0
1942	399.0	369.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1943	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	392.9	395.5
1944	399.0	375.1	369.1	376.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1945	336.1	396.8	377.0	360.3	399.0	399.0	399.0	399.0	399.0	399.0	398.4	395.0
1946	399.0	384.4	399.0	399.0	376.9	399.0	399.0	399.0	399.0	399.0	398.7	395.0
1947	399.0	399.0	380.7	399.0	363.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1948	336.1	399.0	345.8	335.5	389.8	399.0	399.0	399.0	399.0	399.0	392.5	395.0
1949	336.1	316.2	327.1	315.3	323.7	273.9	399.0	399.0	399.0	399.0	399.0	395.0
1950	399.0	329.4	324.5	329.4	328.4	399.0	399.0	399.0	399.0	399.0	392.6	395.6
1951	363.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	396.4	397.5	395.0
1952	399.0	381.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1953	399.0	387.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1954	399.0	374.3	363.2	373.1	398.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1955	336.1	399.0	385.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	392.5	395.0

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base Current Conditions Analysis ( 50 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	336.1	376.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1957	399.0	384.4	367.3	378.0	391.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1958	399.0	376.1	382.7	381.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1959	399.0	386.3	363.5	365.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1960	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1961	399.0	321.3	264.5	262.4	265.1	264.5	399.0	399.0	395.8	399.0	307.4	272.3
1962	0.0	0.0	0.0	0.0	264.6	319.8	399.0	399.0	399.0	399.0	392.5	394.9
1963	399.0	308.9	341.7	349.9	399.0	374.0	399.0	399.0	399.0	392.4	392.6	395.0
1964	343.1	380.8	367.0	371.8	313.2	399.0	399.0	399.0	399.0	399.0	399.0	394.9
1965	337.8	397.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1966	399.0	399.0	399.0	399.0	369.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1967	336.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1968	399.0	364.1	378.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	395.8
1969	343.6	370.3	381.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1970	399.0	373.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	398.3	395.0
1971	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1972	399.0	382.5	399.0	382.0	371.2	399.0	399.0	399.0	399.0	399.0	399.0	395.0
1973	348.0	374.7	382.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1974	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1975	399.0	380.0	366.7	359.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1976	399.0	370.9	377.7	358.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1977	399.0	399.0	392.9	389.4	391.8	370.9	399.0	399.0	399.0	399.0	338.8	169.5
1978	0.0	0.0	209.8	298.7	293.6	399.0	399.0	399.0	399.0	392.0	392.5	394.9
1979	358.6	272.1	320.0	271.1	285.9	287.8	399.0	399.0	399.0	399.0	392.5	394.9
1980	399.0	313.2	275.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1981	312.7	363.1	364.8	377.9	363.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1982	336.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1983	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1984	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1985	399.0	399.0	370.4	360.7	365.9	399.0	399.0	399.0	399.0	399.0	399.0	396.1
1986	344.7	373.9	384.8	373.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1987	399.0	364.9	364.2	365.6	367.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1988	399.0	346.4	343.6	350.8	341.7	370.8	399.0	399.0	399.0	332.5	186.2	133.3
1989	113.7	226.2	184.3	163.6	297.9	399.0	399.0	399.0	399.0	399.0	399.0	395.2
1990	336.7	334.4	224.4	247.5	233.4	348.8	399.0	399.0	397.3	397.3	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	260.2	399.0	399.0	393.5	353.1	0.0	0.0
1992	0.0	121.0	0.0	0.0	188.6	249.1	399.0	399.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	204.5	210.2	399.0	399.0	399.0	399.0	399.0	399.0	307.3
1994	327.6	0.0	138.9	169.7	194.5	373.1	399.0	399.0	267.6	170.5	151.4	131.6
1995	0.0	170.6	164.8	394.7	397.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1996	363.2	310.8	320.5	363.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1997	399.0	364.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1998	399.0	370.8	374.0	375.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1999	399.0	369.5	390.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
2000	399.0	361.4	362.6	371.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	396.9
<b>AVERAGE</b>	<b>337.1</b>	<b>324.8</b>	<b>331.5</b>	<b>342.2</b>	<b>358.5</b>	<b>381.2</b>	<b>399.0</b>	<b>399.0</b>	<b>388.8</b>	<b>383.2</b>	<b>369.8</b>	<b>362.5</b>
<b>364.8</b>												



## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base Current Conditions Analysis ( 50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	383.6	344.5	341.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1902	319.9	379.6	366.6	361.7	385.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1903	396.0	373.4	365.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1904	396.0	396.0	363.1	360.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1905	396.0	383.8	396.0	396.0	382.1	396.0	396.0	396.0	396.0	396.0	394.8	390.5
1906	396.0	377.3	365.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1907	396.0	384.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1908	396.0	383.9	396.0	396.0	384.6	396.0	396.0	396.0	396.0	396.0	393.3	390.5
1909	336.3	375.7	363.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1910	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	392.8	390.5
1911	336.3	376.4	382.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1912	396.0	384.1	375.9	366.8	362.9	396.0	396.0	396.0	396.0	396.0	394.6	390.8
1913	396.0	376.8	362.4	396.0	379.4	396.0	396.0	396.0	396.0	396.0	393.1	390.5
1914	336.3	379.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1915	396.0	375.5	375.8	382.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1916	396.0	369.8	375.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1917	396.0	383.2	396.0	367.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1918	396.0	369.1	363.9	362.2	396.0	396.0	396.0	396.0	396.0	396.0	393.9	396.0
1919	336.7	376.7	364.3	363.1	396.0	396.0	396.0	396.0	396.0	396.0	393.0	390.5
1920	336.3	376.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.5	390.5
1921	336.7	339.0	379.2	396.0	389.4	396.0	396.0	396.0	396.0	386.0	386.4	390.5
1922	390.7	369.0	396.0	384.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1923	396.0	381.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1924	396.0	373.8	364.0	362.9	360.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1925	396.0	364.6	351.3	300.9	396.0	396.0	396.0	396.0	396.0	387.6	386.4	391.3
1926	348.9	314.7	323.9	334.4	380.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1927	344.3	340.2	279.9	269.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1928	337.0	386.4	370.8	348.3	375.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1929	343.6	396.0	317.1	344.0	353.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1930	396.0	222.2	357.9	361.8	353.7	370.6	396.0	396.0	396.0	396.0	386.4	390.6
1931	336.3	348.0	237.3	152.3	130.2	246.3	396.0	396.0	0.0	0.0	0.0	0.0
1932	0.0	0.0	132.9	203.6	186.9	245.3	396.0	396.0	396.0	313.2	310.7	316.7
1933	396.0	0.0	107.9	150.4	105.9	195.1	396.0	396.0	396.0	396.0	117.4	0.0
1934	0.0	0.0	136.6	105.0	151.2	396.0	396.0	363.8	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	108.1	396.0	396.0	396.0	396.0	310.7	186.9
1936	0.0	115.5	116.3	202.7	396.0	396.0	396.0	396.0	396.0	313.9	311.3	317.3
1937	377.8	245.1	276.7	280.7	356.9	275.3	396.0	396.0	390.1	396.0	311.3	317.3
1938	396.0	253.9	396.0	262.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.1
1939	312.0	352.0	345.0	355.2	357.4	396.0	396.0	396.0	396.0	396.0	396.0	319.0
1940	282.9	390.7	363.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	315.6	317.3
1941	396.0	355.0	396.0	381.9	390.7	396.0	396.0	396.0	396.0	396.0	317.0	317.3
1942	396.0	353.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	371.2
1943	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	311.8	318.2
1944	396.0	361.3	356.5	358.6	396.0	396.0	396.0	396.0	396.0	396.0	359.6	317.3
1945	282.9	391.8	367.7	335.8	396.0	396.0	396.0	396.0	396.0	322.7	317.2	317.3
1946	396.0	374.4	396.0	396.0	358.4	396.0	396.0	396.0	396.0	396.0	317.5	317.3
1947	396.0	396.0	372.8	396.0	339.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1948	282.9	385.7	329.0	310.5	365.0	396.0	396.0	396.0	396.0	396.0	311.3	317.3
1949	282.9	298.8	317.8	294.1	303.3	252.5	396.0	396.0	396.0	396.0	395.4	317.3
1950	396.0	311.9	309.3	332.6	316.4	396.0	396.0	396.0	396.0	396.0	311.3	318.0
1951	314.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	318.5	316.3	317.3
1952	396.0	370.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.9
1953	396.0	378.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	371.3
1954	396.0	360.3	348.3	353.8	389.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1955	282.9	396.0	379.3	396.0	386.9	396.0	396.0	396.0	396.0	396.0	311.3	317.3

## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.CurrCond.Base    Current Cndtions Analysis ( 50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	282.9	357.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.9
1957	396.0	374.4	354.0	360.7	378.4	396.0	396.0	396.0	396.0	396.0	396.0	371.8
1958	396.0	362.8	375.6	365.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.7
1959	396.0	377.1	348.7	343.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1960	381.9	396.0	384.4	383.8	396.0	396.0	396.0	396.0	396.0	396.0	395.4	396.0
1961	361.9	311.5	248.9	237.0	239.6	239.3	396.0	367.9	319.0	320.9	227.0	202.1
1962	0.0	0.0	0.0	0.0	283.0	316.8	396.0	396.0	396.0	396.0	311.3	317.3
1963	396.0	296.2	325.8	340.3	396.0	363.8	396.0	396.0	396.0	314.3	311.3	317.3
1964	293.0	379.5	353.7	351.9	289.7	388.0	396.0	396.0	396.0	396.0	375.7	317.3
1965	284.6	383.4	396.0	396.0	393.8	396.0	396.0	396.0	396.0	396.0	341.4	328.1
1966	396.0	396.0	396.0	396.0	348.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1967	282.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	363.0
1968	396.0	346.0	369.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	319.8	318.6
1969	293.7	354.6	374.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.3
1970	396.0	359.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	317.1	317.3
1971	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.3
1972	396.0	371.7	396.0	366.3	351.4	396.0	396.0	396.0	396.0	396.0	319.2	317.3
1973	299.9	360.8	374.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	318.8	321.6
1974	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	372.1
1975	396.0	368.2	353.2	335.2	395.8	396.0	396.0	396.0	396.0	396.0	396.0	365.8
1976	396.0	355.5	361.0	332.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1977	371.8	396.0	377.1	363.8	368.4	342.7	396.0	396.0	396.0	396.0	257.6	111.1
1978	0.0	0.0	206.6	289.6	281.8	396.0	396.0	396.0	396.0	313.8	311.2	317.2
1979	305.4	257.2	306.1	251.0	271.0	264.6	396.0	396.0	396.0	396.0	311.3	317.3
1980	396.0	297.3	265.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	371.5
1981	259.7	344.5	350.5	360.4	339.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1982	282.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	341.8
1983	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	360.8
1984	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.8
1985	396.0	396.0	358.3	336.4	342.9	396.0	396.0	396.0	396.0	396.0	319.5	319.2
1986	295.2	359.7	378.5	354.6	396.0	396.0	396.0	396.0	396.0	344.7	396.0	360.4
1987	396.0	347.1	349.7	343.3	344.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1988	373.4	327.1	328.1	329.8	317.6	342.9	396.0	396.0	396.0	255.4	124.9	0.0
1989	0.0	207.1	168.4	138.5	273.3	396.0	396.0	396.0	396.0	396.0	326.1	317.7
1990	283.8	314.9	208.4	223.8	208.6	323.4	396.0	375.6	319.6	319.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	233.3	396.0	363.8	315.9	274.5	0.0	0.0
1992	0.0	101.1	0.0	0.0	163.3	217.7	396.0	363.8	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	180.6	185.1	396.0	396.0	396.0	396.0	396.0	327.8	229.4
1994	274.7	0.0	123.4	145.9	169.2	346.1	396.0	396.0	196.5	108.8	0.0	0.0
1995	0.0	149.9	148.4	382.7	372.2	396.0	396.0	396.0	396.0	396.0	383.4	361.0
1996	310.5	291.3	308.5	342.9	396.0	396.0	396.0	396.0	396.0	365.1	396.0	363.9
1997	396.0	346.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	387.3	396.0	374.7
1998	396.0	355.4	363.5	357.6	396.0	396.0	396.0	396.0	396.0	396.0	366.1	350.4
1999	396.0	353.5	385.8	396.0	396.0	396.0	396.0	396.0	396.0	368.1	396.0	361.6
2000	396.0	342.2	347.5	352.2	380.7	396.0	396.0	396.0	396.0	396.0	342.2	319.3
<b>AVERAGE</b>	<b>322.8</b>	<b>319.9</b>	<b>326.9</b>	<b>333.6</b>	<b>351.4</b>	<b>375.4</b>	<b>396.0</b>	<b>394.5</b>	<b>379.7</b>	<b>370.9</b>	<b>341.7</b>	<b>326.9</b>
<b>353.3</b>												

# NO ACTION ALTERNATIVE

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (150 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	297.6	217.9	228.3	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	360.8
1902	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	395.5
1903	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	371.7	350.0
1904	400.0	368.7	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	359.5
1905	400.0	250.0	400.0	400.0	250.0	400.0	400.0	400.0	400.0	400.0	371.0	350.0
1906	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1907	400.0	255.0	254.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	357.9
1908	400.0	250.0	400.0	400.0	250.0	350.0	400.0	400.0	400.0	400.0	369.7	350.0
1909	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	359.5
1910	400.0	400.0	400.0	400.0	266.6	400.0	400.0	400.0	400.0	400.0	369.3	350.0
1911	330.6	263.7	274.2	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	358.2
1912	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.9	350.0
1913	400.0	250.0	250.0	250.0	258.4	350.0	400.0	400.0	400.0	400.0	369.6	350.0
1914	250.0	249.1	241.1	356.3	400.0	400.0	400.0	400.0	400.0	400.0	400.0	395.3
1915	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	392.8
1916	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	392.5
1917	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	393.5
1918	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.2	350.0
1919	250.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	369.4	350.0
1920	272.7	250.0	250.0	281.0	369.5	350.0	400.0	400.0	400.0	400.0	369.9	350.0
1921	250.0	200.0	205.1	242.2	250.0	400.0	400.0	400.0	400.0	382.3	370.5	350.0
1922	304.4	250.0	250.0	250.0	250.0	350.0	350.0	400.0	400.0	400.0	400.0	395.4
1923	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	368.4	348.4
1924	400.0	250.0	250.1	250.0	250.0	350.0	385.4	400.0	400.0	400.0	400.0	400.0
1925	356.0	232.7	230.7	0.0	275.7	303.6	400.0	400.0	400.0	384.9	371.2	350.0
1926	257.1	173.8	235.5	229.0	238.3	313.5	400.0	400.0	400.0	400.0	400.0	400.0
1927	214.8	205.9	0.0	0.0	216.9	400.0	400.0	400.0	400.0	400.0	400.0	361.3
1928	345.0	250.0	250.0	200.0	200.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1929	322.4	282.6	225.7	231.2	228.4	258.7	400.0	400.0	400.0	400.0	400.0	400.0
1930	301.9	0.0	207.1	185.7	205.5	372.1	400.0	400.0	400.0	400.0	371.8	350.0
1931	250.0	212.7	0.0	0.0	0.0	0.0	284.2	350.9	264.8	0.0	0.0	0.0
1932	0.0	0.0	0.0	0.0	0.0	0.0	351.9	400.0	400.0	368.7	350.0	350.0
1933	333.6	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	391.1	177.2	0.0
1934	0.0	0.0	0.0	0.0	0.0	336.9	350.0	350.0	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	371.7	307.5
1936	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	365.4	350.0	350.0
1937	350.0	0.0	203.7	0.0	0.0	0.0	400.0	400.0	400.0	388.9	370.2	350.0
1938	400.0	0.0	400.0	0.0	155.3	200.2	400.0	400.0	400.0	400.0	400.0	377.3
1939	386.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	371.2	351.6
1940	313.9	269.1	286.0	200.0	250.0	400.0	400.0	400.0	400.0	400.0	368.3	350.0
1941	400.0	250.0	250.0	250.0	250.9	350.0	400.0	400.0	400.0	400.0	369.6	350.0
1942	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1943	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	365.9	350.0
1944	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	369.9	350.0
1945	250.0	250.0	250.0	250.0	278.2	350.0	400.0	400.0	400.0	379.6	369.7	350.0
1946	400.0	250.0	319.7	400.0	250.0	350.0	400.0	400.0	400.0	400.0	369.7	350.0
1947	400.0	250.0	250.0	303.9	291.8	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1948	250.0	332.5	280.0	207.0	280.4	311.1	400.0	400.0	400.0	400.0	372.0	350.0
1949	328.5	200.0	200.0	177.5	207.8	169.7	400.0	400.0	400.0	400.0	400.0	350.0
1950	400.0	212.8	210.9	0.0	179.8	268.4	400.0	400.0	400.0	400.0	370.5	350.3
1951	288.7	400.0	400.0	400.0	400.0	350.0	400.0	400.0	400.0	378.3	368.8	350.0
1952	400.0	250.0	324.7	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	356.6
1953	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	358.9
1954	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.4	350.0
1955	278.5	342.4	250.0	311.9	321.8	350.0	400.0	400.0	400.0	400.0	371.8	350.0

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (150 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECEBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	250.0	262.7	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	390.0
1957	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	396.7
1958	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	383.3
1959	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1960	395.2	329.3	290.8	289.6	283.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1961	328.3	212.6	198.3	158.2	150.4	150.8	351.0	351.2	387.5	384.8	220.6	154.3
1962	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	371.8	350.0
1963	400.0	176.3	276.2	197.2	400.0	211.3	350.0	400.0	400.0	359.9	350.0	350.0
1964	250.0	206.1	215.0	200.0	200.0	301.6	400.0	400.0	400.0	400.0	399.9	350.0
1965	251.7	272.7	400.0	400.0	250.0	350.0	400.0	400.0	400.0	400.0	350.0	350.0
1966	369.9	333.3	400.0	304.6	250.0	350.0	400.0	400.0	400.0	400.0	400.0	350.0
1967	250.0	307.8	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	367.9
1968	400.0	250.0	250.0	326.1	341.4	400.0	400.0	400.0	400.0	400.0	371.3	350.0
1969	336.9	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.7
1970	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	369.0	350.0
1971	400.0	250.0	250.0	388.4	400.0	400.0	400.0	400.0	400.0	400.0	400.0	374.3
1972	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	370.4	350.0
1973	250.0	250.0	250.0	272.4	250.0	350.0	400.0	400.0	400.0	400.0	375.6	346.3
1974	400.0	381.8	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.7
1975	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	358.7
1976	400.0	250.0	262.5	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1977	366.1	297.5	280.8	281.0	260.0	261.0	400.0	400.0	400.0	400.0	373.4	165.3
1978	0.0	0.0	0.0	185.6	0.0	319.5	399.5	400.0	400.0	370.2	350.0	350.7
1979	272.3	0.0	220.7	0.0	0.0	166.9	341.8	400.0	397.7	400.0	372.1	350.0
1980	400.0	187.1	178.0	400.0	400.0	350.0	400.0	400.0	400.0	400.0	400.0	359.0
1981	291.1	250.0	250.0	250.0	250.0	350.0	383.6	400.0	400.0	400.0	400.0	350.0
1982	350.9	400.0	400.0	378.3	400.0	400.0	400.0	400.0	400.0	400.0	400.0	350.0
1983	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	374.7
1984	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.1
1985	400.0	249.9	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.7	350.0
1986	280.7	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	327.3	392.4	366.1
1987	400.0	250.0	250.0	250.0	250.0	350.0	382.4	400.0	400.0	400.0	400.0	400.0
1988	264.1	232.9	231.0	231.0	230.7	262.2	400.0	400.0	400.0	352.8	167.2	0.0
1989	0.0	0.0	0.0	0.0	180.8	400.0	400.0	400.0	400.0	400.0	358.2	350.0
1990	250.0	198.5	0.0	0.0	0.0	186.6	400.0	351.1	398.3	383.9	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	350.0	350.0	350.0	279.3	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	350.0	326.3	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	400.0	369.2	294.2
1994	249.1	0.0	0.0	0.0	0.0	260.5	400.0	400.0	229.4	0.0	0.0	0.0
1995	0.0	0.0	0.0	246.6	278.6	400.0	400.0	400.0	400.0	400.0	367.2	356.4
1996	400.0	200.0	200.0	236.3	400.0	400.0	400.0	400.0	400.0	362.3	400.0	397.9
1997	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	386.9	400.0	400.0
1998	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	346.3	350.0
1999	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	363.1	390.4	395.0
2000	400.0	250.0	250.0	250.0	270.5	361.1	400.0	400.0	400.0	400.0	371.8	352.0
<b>AVERAGE</b>	<b>312.4</b>	<b>216.2</b>	<b>233.3</b>	<b>238.2</b>	<b>258.2</b>	<b>327.7</b>	<b>394.3</b>	<b>396.8</b>	<b>388.3</b>	<b>378.1</b>	<b>354.8</b>	<b>331.5</b>
319.1												

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1902	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1903	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1904	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1905	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1906	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1907	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1908	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1909	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1910	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1911	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1912	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1913	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1914	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1915	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1916	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1917	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1918	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1919	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1920	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1921	327.0	311.7	319.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1922	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1923	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1924	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1925	327.0	327.0	327.0	253.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1926	327.0	283.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1927	311.5	327.0	256.1	255.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1928	327.0	327.0	327.0	304.8	304.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1929	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1930	327.0	152.5	320.3	302.1	318.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1931	327.0	323.8	183.9	129.7	127.0	233.5	327.0	327.0	327.0	157.0	0.0	0.0
1932	0.0	0.0	0.0	177.8	162.3	257.3	327.0	327.0	327.0	327.0	327.0	327.0
1933	327.0	0.0	131.1	138.3	135.8	199.2	327.0	327.0	327.0	327.0	260.2	0.0
1934	0.0	0.0	110.1	111.5	162.6	327.0	327.0	327.0	165.0	130.7	103.7	0.0
1935	0.0	0.0	0.0	0.0	103.1	109.4	327.0	327.0	327.0	327.0	327.0	327.0
1936	146.3	144.3	130.9	174.6	314.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1937	327.0	259.0	313.0	268.1	295.3	267.9	327.0	327.0	327.0	327.0	327.0	327.0
1938	327.0	260.3	327.0	260.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1939	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1940	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1941	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1942	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1943	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1944	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1945	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1946	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1947	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1948	327.0	327.0	327.0	312.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1949	327.0	309.0	308.5	284.2	315.0	278.0	327.0	327.0	327.0	327.0	327.0	327.0
1950	327.0	322.1	316.5	288.5	299.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1951	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1952	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1953	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1954	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1955	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1957	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1958	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1959	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1960	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1961	327.0	326.7	302.9	262.9	256.0	258.4	327.0	327.0	327.0	327.0	300.1	245.5
1962	0.0	0.0	0.0	0.0	198.1	285.7	327.0	327.0	327.0	327.0	327.0	327.0
1963	327.0	287.3	327.0	318.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1964	327.0	327.0	321.4	308.3	306.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1965	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1966	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1967	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1968	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1969	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1970	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1971	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1972	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1973	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1974	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1975	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1976	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1977	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	257.7
1978	109.9	125.8	234.0	307.4	269.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1979	327.0	260.6	327.0	258.2	264.3	274.4	327.0	327.0	327.0	327.0	327.0	327.0
1980	327.0	296.9	286.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1981	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1982	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1983	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1984	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1985	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1986	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1987	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1988	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	260.4	121.8
1989	101.7	233.2	172.9	154.4	287.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1990	327.0	305.7	189.6	236.7	223.0	294.8	327.0	327.0	327.0	327.0	173.6	0.0
1991	0.0	0.0	0.0	0.0	0.0	256.1	327.0	327.0	327.0	327.0	0.0	0.0
1992	0.0	101.8	0.0	0.0	183.1	249.6	327.0	327.0	124.9	0.0	0.0	0.0
1993	0.0	0.0	102.0	193.5	199.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1994	327.0	0.0	0.0	162.9	189.5	327.0	327.0	327.0	327.0	204.2	175.4	111.4
1995	0.0	150.8	154.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1996	327.0	307.4	310.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1997	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1998	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1999	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
2000	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
<b>AVERAGE</b>	<b>294.5</b>	<b>286.3</b>	<b>289.9</b>	<b>293.4</b>	<b>304.2</b>	<b>317.4</b>	<b>327.0</b>	<b>327.0</b>	<b>323.4</b>	<b>318.8</b>	<b>310.3</b>	<b>301.7</b>
<b>307.8</b>												

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	394.0	333.3	336.9	372.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1902	399.0	367.5	359.0	358.0	364.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1903	399.0	365.3	358.7	389.4	372.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1904	399.0	399.0	357.6	357.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1905	399.0	368.4	399.0	399.0	364.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1906	399.0	366.6	358.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1907	399.0	372.2	380.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1908	399.0	368.6	399.0	399.0	363.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1909	346.4	366.6	359.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1910	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1911	399.0	380.5	387.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1912	399.0	368.5	362.2	361.1	359.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1913	399.0	366.5	358.3	381.1	369.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1914	346.4	366.3	383.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1915	399.0	366.9	363.1	364.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1916	399.0	365.6	363.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1917	399.0	368.4	371.7	359.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1918	399.0	365.2	360.1	358.7	384.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1919	346.4	367.0	359.2	359.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1920	369.1	366.8	396.6	392.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1921	346.4	319.5	329.8	382.2	366.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1922	399.0	365.1	384.3	362.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1923	399.0	367.9	399.0	399.0	382.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1924	399.0	366.5	359.9	359.2	358.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1925	399.0	350.0	339.6	256.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1926	353.4	289.8	342.7	341.4	364.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1927	311.2	359.2	260.2	259.7	376.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1928	399.0	368.9	359.7	308.0	306.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1929	399.0	398.0	335.6	339.3	340.7	373.8	399.0	399.0	399.0	399.0	399.0	399.0
1930	398.3	158.0	329.1	313.0	327.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1931	346.4	331.2	187.0	134.4	130.5	236.5	383.7	399.0	348.9	156.0	0.0	0.0
1932	0.0	0.0	114.0	193.3	177.5	262.2	399.0	399.0	399.0	399.0	399.0	399.0
1933	399.0	0.0	134.9	153.6	140.7	204.0	399.0	399.0	399.0	399.0	259.6	0.0
1934	0.0	0.0	124.0	116.1	166.8	399.0	399.0	399.0	165.9	131.2	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	114.9	399.0	399.0	399.0	399.0	399.0	389.4
1936	150.4	150.7	134.5	181.9	367.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1937	399.0	264.9	319.3	280.1	325.4	279.8	399.0	399.0	399.0	399.0	399.0	399.0
1938	399.0	267.1	399.0	267.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1939	399.0	367.0	360.6	366.1	365.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1940	399.0	384.6	394.7	391.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1941	399.0	367.5	399.0	382.1	385.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1942	399.0	367.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1943	399.0	395.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1944	399.0	368.7	362.2	365.2	391.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1945	346.4	385.7	362.7	358.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1946	399.0	373.0	399.0	399.0	364.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1947	399.0	399.0	367.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1948	346.4	399.0	388.3	315.9	389.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1949	399.0	315.1	314.2	288.7	319.8	283.4	399.0	399.0	399.0	399.0	399.0	399.0
1950	399.0	328.3	320.3	314.2	311.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1951	398.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1952	399.0	370.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1953	399.0	375.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1954	399.0	368.4	360.4	365.0	386.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1955	374.9	399.0	370.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	346.4	376.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1957	399.0	373.1	360.6	366.4	378.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1958	399.0	368.8	368.1	368.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1959	399.0	375.0	358.9	362.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1960	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1961	399.0	336.2	305.9	265.9	259.7	263.5	399.0	399.0	399.0	399.0	299.8	251.9
1962	0.0	0.0	0.0	0.0	237.2	309.4	399.0	399.0	399.0	399.0	399.0	399.0
1963	399.0	294.6	385.6	332.3	399.0	352.8	399.0	399.0	399.0	399.0	399.0	399.0
1964	358.2	351.1	325.6	313.9	310.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1965	348.1	390.7	399.0	399.0	390.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1966	399.0	399.0	399.0	399.0	361.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1967	346.4	399.0	392.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1968	399.0	365.6	365.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1969	399.0	367.2	367.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1970	399.0	366.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1971	399.0	388.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1972	399.0	371.3	399.0	371.0	362.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1973	363.8	367.6	367.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1974	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1975	399.0	369.7	359.6	358.9	392.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1976	399.0	367.0	370.7	358.0	362.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1977	399.0	399.0	388.3	388.0	370.8	367.0	399.0	399.0	399.0	399.0	399.0	260.6
1978	111.4	127.1	245.9	321.9	282.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1979	368.7	267.7	331.3	263.6	273.8	279.3	399.0	399.0	399.0	399.0	399.0	399.0
1980	399.0	303.5	291.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1981	387.5	364.7	363.1	366.8	361.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1982	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1983	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1984	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1985	399.0	392.1	361.1	359.9	363.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1986	389.4	367.7	370.3	362.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1987	399.0	364.7	362.1	363.2	363.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1988	360.5	345.7	342.8	345.0	340.5	369.4	399.0	399.0	399.0	399.0	262.6	122.8
1989	0.0	238.2	177.1	157.7	292.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1990	346.5	310.6	194.0	241.5	227.6	300.3	399.0	399.0	399.0	399.0	176.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	260.2	399.0	399.0	399.0	353.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	186.2	249.1	399.0	399.0	127.1	0.0	0.0	0.0
1993	0.0	0.0	0.0	198.1	203.6	399.0	399.0	399.0	399.0	399.0	399.0	376.1
1994	356.2	0.0	0.0	167.8	193.5	370.0	399.0	399.0	334.6	205.6	177.0	112.8
1995	0.0	154.0	158.3	377.4	388.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1996	399.0	312.3	316.9	350.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1997	399.0	365.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1998	399.0	365.8	362.8	364.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1999	399.0	363.2	375.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
2000	399.0	363.1	362.0	365.2	385.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
<b>AVERAGE</b>	<b>347.9</b>	<b>321.4</b>	<b>327.8</b>	<b>335.1</b>	<b>352.7</b>	<b>379.9</b>	<b>398.8</b>	<b>399.0</b>	<b>392.8</b>	<b>387.5</b>	<b>374.8</b>	<b>366.3</b>
<b>365.3</b>												



## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
(Flow in Cubic Feet per Second)  
1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	393.2	339.4	340.3	380.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1902	396.0	346.4	335.7	334.2	342.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1903	396.0	343.3	335.3	378.1	353.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1904	396.0	396.0	333.7	333.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.7
1905	396.0	347.6	396.0	396.0	342.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1906	396.0	345.1	335.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1907	396.0	351.0	364.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.0
1908	396.0	347.9	396.0	396.0	341.7	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1909	311.2	345.1	335.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.7
1910	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1911	391.8	359.2	366.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.3
1912	396.0	347.9	340.1	338.5	335.7	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1913	396.0	345.0	334.6	366.6	345.5	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1914	311.2	345.0	374.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1915	396.0	345.6	341.4	343.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1916	396.0	343.7	341.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1917	396.0	347.6	353.3	336.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1918	396.0	343.1	337.1	335.2	369.9	396.0	396.0	396.0	396.0	396.0	396.0	389.6
1919	311.2	345.6	335.9	335.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1920	333.9	345.4	388.2	370.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1921	311.2	299.1	312.6	371.2	345.2	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1922	365.6	343.0	371.0	340.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1923	396.0	347.0	396.0	396.0	367.5	396.0	396.0	396.0	396.0	396.0	396.0	383.5
1924	396.0	344.9	336.9	335.9	334.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1925	396.0	328.9	316.1	232.0	396.0	392.3	396.0	396.0	396.0	396.0	396.0	385.1
1926	318.2	268.0	318.6	319.4	347.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1927	276.0	352.5	237.3	236.6	372.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1928	396.0	348.4	336.6	284.2	282.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1929	383.6	376.0	312.6	315.6	317.6	351.9	396.0	396.0	396.0	396.0	396.0	396.0
1930	363.1	135.4	310.9	296.9	308.2	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1931	311.2	310.4	163.1	112.1	105.9	211.5	347.6	376.0	304.7	124.3	0.0	0.0
1932	0.0	0.0	105.5	181.9	165.5	239.2	396.0	396.0	396.0	391.6	377.7	385.2
1933	394.8	0.0	111.7	142.0	117.6	180.9	396.0	396.0	396.0	396.0	218.2	0.0
1934	0.0	0.0	110.8	0.0	142.9	396.0	396.0	396.0	122.3	100.2	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	396.0	396.0	396.0	396.0	396.0	343.2
1936	119.6	129.0	111.1	162.1	394.3	396.0	396.0	396.0	396.0	388.2	377.7	385.1
1937	396.0	242.8	298.5	265.1	327.6	263.8	396.0	396.0	396.0	396.0	396.0	385.1
1938	396.0	245.8	396.0	247.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1939	396.0	345.7	337.9	345.6	343.1	396.0	396.0	396.0	396.0	396.0	396.0	386.8
1940	375.1	362.7	371.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1941	396.0	346.4	393.9	368.0	371.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1942	396.0	345.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1943	396.0	385.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.6	385.1
1944	396.0	348.1	340.1	344.3	381.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1945	311.2	371.8	340.8	335.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1946	396.0	354.1	396.0	396.0	342.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1947	396.0	396.0	346.8	390.1	381.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1948	311.2	396.0	364.6	292.5	365.7	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1949	389.7	293.0	292.8	266.2	296.6	261.0	396.0	396.0	396.0	396.0	396.0	385.1
1950	396.0	306.4	297.0	312.9	296.4	390.5	396.0	396.0	396.0	396.0	396.0	385.5
1951	368.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1952	396.0	350.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	391.7
1953	396.0	358.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.0
1954	396.0	347.6	337.5	344.0	373.2	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1955	339.7	396.0	352.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1

## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.NoAction.Base Future No Action Analysis (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	311.2	354.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1957	396.0	354.2	337.9	345.9	361.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1958	396.0	348.2	348.3	348.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1959	396.0	356.9	335.5	340.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1960	396.0	396.0	375.6	380.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1961	389.5	317.5	282.0	242.0	235.4	240.7	396.0	382.8	396.0	396.0	252.3	212.2
1962	0.0	0.0	0.0	0.0	248.4	305.3	396.0	396.0	396.0	396.0	396.0	385.1
1963	396.0	273.8	362.3	319.4	396.0	341.5	396.0	396.0	396.0	383.8	377.7	385.1
1964	327.9	341.1	302.8	292.5	288.1	395.1	396.0	396.0	396.0	396.0	396.0	385.1
1965	312.9	369.7	396.0	396.0	378.9	396.0	396.0	396.0	396.0	396.0	396.0	387.0
1966	396.0	396.0	396.0	396.0	338.6	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1967	311.2	396.0	382.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1968	396.0	343.7	345.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1969	396.0	346.0	347.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1970	396.0	344.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1971	396.0	375.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1972	396.0	351.7	396.0	352.4	340.4	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1973	335.8	346.5	347.7	396.0	392.5	396.0	396.0	396.0	396.0	396.0	396.0	381.4
1974	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1975	396.0	349.4	336.5	335.4	381.3	396.0	396.0	396.0	396.0	396.0	396.0	393.8
1976	396.0	345.8	347.0	334.2	340.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1977	396.0	392.9	364.3	363.8	347.1	341.4	396.0	396.0	396.0	396.0	396.0	226.7
1978	0.0	100.4	230.7	309.5	266.9	396.0	396.0	396.0	396.0	393.1	377.7	385.8
1979	333.5	246.6	308.6	242.1	255.2	256.3	393.6	396.0	396.0	396.0	396.0	385.1
1980	396.0	281.9	270.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.1
1981	352.3	342.4	341.3	346.6	338.2	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1982	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1983	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1984	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1985	396.0	380.9	338.6	336.9	341.0	396.0	396.0	396.0	396.0	396.0	396.0	385.1
1986	359.3	346.7	351.4	340.0	396.0	396.0	396.0	396.0	396.0	379.3	396.0	396.0
1987	396.0	342.5	340.0	341.5	341.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1988	325.3	322.7	320.5	323.6	317.4	344.3	396.0	396.0	396.0	387.1	233.0	102.9
1989	0.0	215.2	154.3	134.1	269.4	396.0	396.0	396.0	396.0	396.0	393.7	385.2
1990	311.4	287.3	171.3	219.4	204.1	277.9	396.0	376.2	396.0	396.0	146.6	0.0
1991	0.0	0.0	0.0	0.0	0.0	236.3	396.0	375.0	372.2	302.2	0.0	0.0
1992	0.0	0.0	0.0	0.0	162.2	220.7	396.0	351.3	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	175.8	179.8	396.0	396.0	396.0	396.0	396.0	396.0	329.9
1994	326.6	0.0	0.0	145.6	169.5	345.8	396.0	396.0	297.6	176.2	148.3	0.0
1995	0.0	129.2	135.2	362.8	364.1	396.0	396.0	396.0	396.0	396.0	396.0	391.5
1996	396.0	289.1	296.7	328.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1997	396.0	343.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1998	396.0	344.0	340.9	342.8	396.0	396.0	396.0	396.0	396.0	396.0	392.4	396.0
1999	396.0	340.4	358.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
2000	396.0	340.2	339.8	344.4	364.5	396.0	396.0	396.0	396.0	396.0	396.0	387.1
AVERAGE	335.6	305.3	312.5	321.1	341.6	372.8	395.5	394.6	387.2	382.7	369.5	355.7
356.2												

# LOCAL WATER SUPPLY ALTERNATIVE

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (150 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	297.6	218.0	228.3	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	360.8
1902	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	395.5
1903	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	372.0	350.0
1904	400.0	368.8	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	359.5
1905	400.0	250.0	400.0	400.0	250.0	400.0	400.0	400.0	400.0	400.0	371.4	350.0
1906	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1907	400.0	255.0	254.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	357.9
1908	400.0	250.0	400.0	400.0	250.0	350.0	400.0	400.0	400.0	400.0	370.1	350.0
1909	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	359.5
1910	400.0	400.0	400.0	400.0	266.9	400.0	400.0	400.0	400.0	400.0	369.6	350.0
1911	330.5	263.7	273.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	358.2
1912	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	371.2	350.0
1913	400.0	250.0	250.0	250.0	261.6	350.0	400.0	400.0	400.0	400.0	369.9	350.0
1914	250.0	247.0	240.6	356.8	400.0	400.0	400.0	400.0	400.0	400.0	400.0	396.3
1915	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	392.8
1916	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	392.5
1917	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	393.5
1918	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.6	350.0
1919	250.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	369.8	350.0
1920	272.8	250.0	250.0	283.6	369.5	350.0	400.0	400.0	400.0	400.0	370.3	350.0
1921	250.0	200.0	203.7	239.6	250.0	400.0	400.0	400.0	400.0	382.7	370.9	350.0
1922	304.4	250.0	250.0	250.0	250.0	350.0	350.0	400.0	400.0	400.0	400.0	395.4
1923	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	368.7	348.4
1924	400.0	250.0	250.1	250.0	250.0	350.0	387.9	400.0	400.0	400.0	400.0	400.0
1925	356.0	232.7	230.7	0.0	275.8	304.1	400.0	400.0	400.0	385.3	371.5	350.0
1926	255.4	172.1	235.5	229.1	237.5	314.0	400.0	400.0	400.0	400.0	400.0	400.0
1927	208.3	205.9	0.0	0.0	218.7	400.0	400.0	400.0	400.0	400.0	400.0	361.3
1928	344.8	250.0	248.3	200.0	200.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1929	322.2	282.7	230.1	231.2	228.4	258.6	400.0	400.0	400.0	400.0	400.0	400.0
1930	294.0	0.0	207.1	184.4	205.5	372.5	400.0	400.0	400.0	400.0	372.2	350.0
1931	250.0	212.7	0.0	0.0	0.0	0.0	283.3	350.9	272.0	0.0	0.0	0.0
1932	0.0	0.0	0.0	0.0	0.0	0.0	352.4	400.0	400.0	368.7	350.0	350.0
1933	329.3	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	396.7	174.6	0.0
1934	0.0	0.0	0.0	0.0	0.0	337.3	350.0	350.0	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	372.1	302.8
1936	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	365.3	350.0	350.0
1937	350.1	0.0	206.3	0.0	0.0	0.0	400.0	400.0	400.0	388.8	370.6	350.0
1938	400.0	0.0	400.0	0.0	155.1	200.2	400.0	400.0	400.0	400.0	400.0	377.3
1939	385.9	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	371.5	351.6
1940	316.6	271.0	284.3	199.4	250.0	400.0	400.0	400.0	400.0	400.0	368.7	350.0
1941	400.0	250.0	250.0	250.0	251.1	349.9	400.0	400.0	400.0	400.0	369.9	350.0
1942	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1943	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	366.3	350.0
1944	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.3	350.0
1945	250.0	250.0	250.0	250.0	278.3	350.0	400.0	400.0	400.0	380.0	370.1	350.0
1946	400.0	250.0	313.4	400.0	250.0	350.0	400.0	400.0	400.0	400.0	370.1	350.0
1947	400.0	250.0	250.0	306.5	295.1	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1948	250.0	332.5	284.4	209.7	280.4	311.1	400.0	400.0	400.0	400.0	372.3	350.0
1949	327.8	200.0	200.6	180.1	207.8	176.3	400.0	400.0	400.0	400.0	400.0	350.0
1950	400.0	212.8	210.9	0.0	180.0	269.0	400.0	400.0	400.0	400.0	370.9	350.3
1951	288.1	400.0	400.0	400.0	400.0	350.0	400.0	400.0	400.0	378.7	369.1	350.0
1952	400.0	250.0	323.6	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	356.6
1953	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	358.9
1954	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	370.7	350.0
1955	280.7	342.4	250.0	314.5	325.1	350.0	400.0	400.0	400.0	400.0	372.2	350.0

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (150 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	250.0	262.7	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	390.0
1957	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	396.7
1958	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	383.3
1959	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	400.0	400.0
1960	395.2	328.6	290.8	289.6	283.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1961	328.3	212.6	196.2	158.2	150.4	150.8	351.0	351.2	387.5	384.6	212.7	151.9
1962	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	372.1	350.0
1963	400.0	176.4	278.8	197.6	400.0	212.1	350.0	400.0	400.0	359.8	350.0	350.0
1964	250.0	205.4	213.5	200.0	200.0	305.2	400.0	400.0	400.0	400.0	399.9	350.0
1965	251.7	272.7	400.0	400.0	250.2	350.0	400.0	400.0	400.0	400.0	350.0	350.0
1966	368.7	331.5	400.0	304.3	250.0	350.0	400.0	400.0	400.0	400.0	400.0	350.0
1967	250.0	309.8	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	367.9
1968	400.0	250.0	250.0	326.3	341.5	400.0	400.0	400.0	400.0	400.0	371.7	350.0
1969	336.9	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.7
1970	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	369.3	350.0
1971	400.0	250.0	250.0	388.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	374.3
1972	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	370.7	350.0
1973	250.0	250.0	250.0	269.3	250.0	350.0	400.0	400.0	400.0	400.0	375.6	346.6
1974	400.0	381.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.7
1975	400.0	250.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	358.7
1976	400.0	250.0	261.2	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0
1977	366.9	296.4	280.8	281.0	257.3	261.0	400.0	400.0	400.0	400.0	373.7	157.3
1978	0.0	0.0	0.0	182.7	0.0	320.5	400.0	400.0	400.0	370.2	350.0	350.7
1979	272.3	0.0	220.7	0.0	0.0	167.2	344.5	400.0	397.6	400.0	372.5	350.0
1980	400.0	189.1	180.6	400.0	400.0	350.0	400.0	400.0	400.0	400.0	400.0	359.0
1981	293.7	250.0	250.0	250.0	250.0	350.0	386.2	400.0	400.0	400.0	400.0	350.0
1982	350.9	400.0	400.0	378.8	400.0	400.0	400.0	400.0	400.0	400.0	400.0	350.0
1983	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	374.7
1984	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	399.1
1985	400.0	250.0	250.0	250.0	250.0	350.0	400.0	400.0	400.0	400.0	371.0	350.0
1986	280.4	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	327.7	392.4	366.1
1987	400.0	250.0	250.0	250.0	250.0	350.0	384.9	400.0	400.0	400.0	400.0	400.0
1988	264.2	232.9	231.0	231.0	230.7	262.3	400.0	400.0	400.0	348.7	165.8	0.0
1989	0.0	0.0	0.0	0.0	181.0	400.0	400.0	400.0	400.0	400.0	358.2	350.0
1990	250.0	193.7	0.0	0.0	0.0	185.8	400.0	351.2	398.7	385.6	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	350.0	350.0	350.0	277.2	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	350.0	325.4	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	400.0	369.5	293.8
1994	248.3	0.0	0.0	0.0	0.0	259.9	400.0	400.0	237.4	0.0	0.0	0.0
1995	0.0	0.0	0.0	247.1	279.1	400.0	400.0	400.0	400.0	400.0	367.2	356.4
1996	400.0	200.0	200.0	236.2	400.0	400.0	400.0	400.0	400.0	362.3	400.0	397.9
1997	400.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	386.9	400.0	400.0
1998	400.0	250.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	346.3	350.0
1999	400.0	250.0	250.0	400.0	400.0	400.0	400.0	400.0	400.0	363.1	390.4	395.0
2000	400.0	250.0	250.0	250.0	270.7	361.7	400.0	400.0	400.0	400.0	372.2	352.0
AVERAGE	312.2	216.1	233.3	238.3	258.3	327.8	394.4	396.8	388.4	378.1	354.8	331.4
319.2												

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1902	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1903	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1904	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1905	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1906	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1907	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1908	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1909	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1910	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1911	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1912	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1913	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1914	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1915	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1916	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1917	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1918	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1919	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1920	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1921	327.0	311.7	318.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1922	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1923	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1924	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1925	327.0	327.0	327.0	253.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1926	327.0	281.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1927	305.1	327.0	256.1	255.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1928	327.0	327.0	327.0	304.8	304.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1929	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1930	327.0	151.5	320.0	300.4	318.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1931	327.0	323.8	177.3	134.8	103.3	233.3	327.0	327.0	327.0	142.4	0.0	0.0
1932	0.0	0.0	0.0	173.5	162.1	257.4	327.0	327.0	327.0	327.0	327.0	327.0
1933	327.0	0.0	131.8	140.7	137.2	199.5	327.0	327.0	327.0	327.0	257.6	0.0
1934	0.0	0.0	109.6	111.6	162.5	327.0	327.0	327.0	177.1	127.3	101.1	0.0
1935	0.0	0.0	0.0	0.0	103.3	110.0	327.0	327.0	327.0	327.0	327.0	327.0
1936	146.0	144.4	131.4	174.6	313.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1937	327.0	259.0	315.6	267.8	294.9	267.5	327.0	327.0	327.0	327.0	327.0	327.0
1938	327.0	260.3	327.0	260.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1939	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1940	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1941	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1942	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1943	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1944	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1945	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1946	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1947	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1948	327.0	327.0	327.0	315.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1949	327.0	309.0	309.1	286.9	315.0	284.6	327.0	327.0	327.0	327.0	327.0	327.0
1950	327.0	322.1	316.6	288.2	298.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1951	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1952	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1953	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1954	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1955	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1957	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1958	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1959	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1960	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1961	327.0	326.5	300.8	262.9	256.0	258.4	327.0	327.0	327.0	327.0	293.0	242.9
1962	0.0	0.0	0.0	0.0	197.2	285.3	327.0	327.0	327.0	327.0	327.0	327.0
1963	327.0	287.4	327.0	318.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1964	327.0	327.0	319.8	308.4	306.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1965	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1966	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1967	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1968	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1969	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1970	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1971	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1972	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1973	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1974	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1975	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1976	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1977	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	249.7
1978	109.0	126.0	233.6	304.1	268.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1979	327.0	260.6	327.0	258.2	263.9	274.7	327.0	327.0	327.0	327.0	327.0	327.0
1980	327.0	298.9	288.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1981	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1982	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1983	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1984	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1985	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1986	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1987	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1988	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	259.1	118.5
1989	0.0	235.4	172.5	154.7	288.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1990	327.0	301.0	189.2	236.6	222.8	294.0	327.0	327.0	327.0	327.0	171.6	0.0
1991	0.0	0.0	0.0	0.0	0.0	256.1	327.0	327.0	327.0	327.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	182.9	249.6	327.0	327.0	136.9	0.0	0.0	0.0
1993	0.0	0.0	102.2	193.9	199.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1994	327.0	0.0	0.0	162.8	189.3	327.0	327.0	327.0	327.0	198.3	172.9	108.1
1995	0.0	150.3	154.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1996	327.0	307.4	310.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1997	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1998	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1999	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
2000	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
<b>AVERAGE</b>	<b>293.4</b>	<b>285.3</b>	<b>289.8</b>	<b>293.4</b>	<b>303.9</b>	<b>317.5</b>	<b>327.0</b>	<b>327.0</b>	<b>323.6</b>	<b>318.6</b>	<b>310.1</b>	<b>301.5</b>
<b>307.6</b>												

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	393.9	333.4	336.9	371.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1902	399.0	367.5	359.1	358.1	364.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1903	399.0	365.3	358.8	388.9	371.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1904	399.0	399.0	357.7	357.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1905	399.0	368.4	399.0	399.0	364.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1906	399.0	366.6	358.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1907	399.0	372.2	380.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1908	399.0	368.6	399.0	399.0	363.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1909	346.4	366.6	359.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1910	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1911	399.0	380.6	387.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1912	399.0	368.6	362.3	361.1	359.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1913	399.0	366.6	358.3	380.6	372.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1914	346.4	364.2	382.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1915	399.0	367.0	363.1	364.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1916	399.0	365.6	363.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1917	399.0	368.4	371.2	359.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1918	399.0	365.2	360.1	358.8	383.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1919	346.4	367.0	359.3	359.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1920	369.2	366.8	396.0	395.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1921	346.4	319.5	327.8	379.1	366.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1922	399.0	365.1	383.7	362.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1923	399.0	368.0	399.0	399.0	381.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1924	399.0	366.5	360.0	359.3	358.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1925	399.0	350.1	339.6	256.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1926	351.8	288.1	342.8	341.5	363.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1927	304.7	358.9	260.2	259.7	378.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1928	399.0	369.0	358.1	308.1	306.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1929	399.0	398.0	340.1	339.4	340.8	373.7	399.0	399.0	399.0	399.0	399.0	399.0
1930	390.3	157.0	328.6	311.1	326.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1931	346.4	331.2	180.4	139.5	0.0	236.3	382.8	399.0	356.3	141.3	0.0	0.0
1932	0.0	0.0	0.0	188.8	177.0	262.3	399.0	399.0	399.0	399.0	399.0	399.0
1933	399.0	0.0	135.6	155.9	142.0	204.3	399.0	399.0	399.0	399.0	257.1	0.0
1934	0.0	0.0	123.3	116.1	166.7	399.0	399.0	399.0	178.5	128.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	115.5	399.0	399.0	399.0	399.0	399.0	384.6
1936	150.2	150.8	135.0	181.7	366.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1937	399.0	265.0	321.9	279.6	324.8	279.2	399.0	399.0	399.0	399.0	399.0	399.0
1938	399.0	267.1	399.0	267.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1939	399.0	367.0	360.7	366.2	365.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1940	399.0	386.6	393.0	390.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1941	399.0	367.5	399.0	381.6	384.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1942	399.0	367.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1943	399.0	395.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1944	399.0	368.7	362.2	365.2	390.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1945	346.4	385.3	362.7	358.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1946	399.0	372.6	399.0	399.0	364.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1947	399.0	399.0	366.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1948	346.4	399.0	392.7	318.6	389.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1949	399.0	315.1	314.8	291.4	319.9	290.1	399.0	399.0	399.0	399.0	399.0	399.0
1950	399.0	328.4	320.3	313.7	311.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1951	397.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1952	399.0	370.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1953	399.0	375.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1954	399.0	368.4	360.4	365.0	385.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1955	377.0	399.0	370.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	346.4	376.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1957	399.0	372.7	360.6	365.9	377.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1958	399.0	368.8	367.6	368.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1959	399.0	374.6	358.9	362.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1960	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1961	399.0	335.8	303.8	266.0	259.7	263.6	399.0	399.0	399.0	399.0	292.6	249.4
1962	0.0	0.0	0.0	0.0	235.8	308.8	399.0	399.0	399.0	399.0	399.0	399.0
1963	399.0	294.7	388.2	332.2	399.0	352.9	399.0	399.0	399.0	399.0	399.0	399.0
1964	358.2	350.1	324.1	313.9	310.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1965	348.1	390.7	399.0	399.0	390.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1966	399.0	399.0	399.0	399.0	361.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1967	346.4	399.0	391.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1968	399.0	365.6	366.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1969	399.0	367.3	367.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1970	399.0	366.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1971	399.0	388.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1972	399.0	370.9	399.0	370.5	362.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1973	363.8	367.6	367.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1974	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1975	399.0	369.7	359.7	358.9	391.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1976	399.0	367.1	369.4	358.1	362.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1977	399.0	399.0	388.3	388.1	368.1	367.0	399.0	399.0	399.0	399.0	399.0	252.6
1978	110.5	127.1	245.2	318.4	281.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1979	368.7	267.7	331.4	263.7	273.1	279.7	399.0	399.0	399.0	399.0	399.0	399.0
1980	399.0	305.5	294.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1981	390.0	364.7	363.1	366.7	361.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1982	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1983	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1984	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1985	399.0	391.8	361.1	360.0	363.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1986	389.1	367.7	369.8	362.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1987	399.0	364.7	362.2	363.3	363.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1988	360.6	345.7	342.8	345.0	340.6	369.5	399.0	399.0	399.0	399.0	261.4	119.7
1989	0.0	240.4	176.7	158.1	292.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1990	346.5	305.8	193.6	241.5	227.4	299.5	399.0	399.0	399.0	399.0	174.1	0.0
1991	0.0	0.0	0.0	0.0	0.0	260.2	399.0	399.0	399.0	350.8	0.0	0.0
1992	0.0	0.0	0.0	0.0	186.0	249.1	399.0	399.0	139.4	0.0	0.0	0.0
1993	0.0	0.0	0.0	198.5	204.0	399.0	399.0	399.0	399.0	399.0	399.0	375.6
1994	355.3	0.0	0.0	167.6	193.3	369.4	399.0	399.0	342.4	200.1	174.7	0.0
1995	0.0	153.3	158.6	377.6	388.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1996	399.0	312.3	317.0	350.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1997	399.0	365.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1998	399.0	365.8	362.8	364.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1999	399.0	363.3	375.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
2000	399.0	363.1	362.1	365.3	385.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
<b>AVERAGE</b>	<b>347.8</b>	<b>321.3</b>	<b>326.6</b>	<b>335.0</b>	<b>351.3</b>	<b>380.0</b>	<b>398.8</b>	<b>399.0</b>	<b>393.2</b>	<b>387.3</b>	<b>374.7</b>	<b>364.9</b>
<b>365.0</b>												



## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	393.2	339.6	340.4	380.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	395.8
1902	396.0	345.9	335.1	333.6	342.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1903	396.0	342.8	334.6	376.7	351.3	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1904	396.0	396.0	333.1	332.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.5
1905	396.0	347.1	396.0	396.0	341.3	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1906	396.0	344.6	334.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1907	396.0	350.5	362.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	392.9
1908	396.0	347.4	396.0	396.0	340.9	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1909	311.2	344.6	335.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.5
1910	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1911	391.7	358.7	365.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.2
1912	396.0	347.4	339.5	337.9	335.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1913	396.0	344.5	334.0	365.2	348.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1914	311.2	342.4	372.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1915	396.0	345.1	340.8	342.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1916	396.0	343.3	341.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1917	396.0	347.1	352.0	335.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1918	396.0	342.6	336.5	334.6	368.1	396.0	396.0	396.0	396.0	396.0	396.0	389.5
1919	311.2	345.2	335.3	335.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1920	334.0	344.9	386.8	372.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1921	311.2	298.7	309.8	367.1	343.5	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1922	365.6	342.6	369.6	339.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1923	396.0	346.5	396.0	396.0	365.8	396.0	396.0	396.0	396.0	396.0	396.0	383.4
1924	396.0	344.5	336.3	335.3	333.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1925	396.0	328.4	315.5	231.4	396.0	391.9	396.0	396.0	396.0	396.0	396.0	385.0
1926	316.6	265.9	318.1	318.8	344.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1927	269.5	351.4	236.7	235.9	372.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1928	396.0	347.9	334.4	283.6	281.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1929	383.4	375.6	316.4	315.0	316.8	350.9	396.0	396.0	396.0	396.0	396.0	396.0
1930	355.1	133.9	309.6	294.1	306.5	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1931	311.2	309.9	155.9	116.6	0.0	210.4	346.0	375.8	308.6	109.4	0.0	0.0
1932	0.0	0.0	0.0	176.5	164.1	238.3	396.0	396.0	396.0	391.4	377.6	385.1
1933	390.5	0.0	112.2	143.3	118.2	180.3	396.0	396.0	396.0	396.0	216.0	0.0
1934	0.0	0.0	109.3	0.0	142.0	396.0	396.0	374.9	132.6	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	396.0	396.0	396.0	396.0	396.0	338.4
1936	119.5	128.6	111.5	161.0	391.8	396.0	396.0	396.0	396.0	388.0	377.6	385.0
1937	396.0	242.3	300.5	263.7	325.9	262.0	396.0	396.0	396.0	396.0	396.0	385.0
1938	396.0	245.3	396.0	246.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1939	396.0	345.2	337.3	344.9	342.3	396.0	396.0	396.0	396.0	396.0	396.0	386.7
1940	377.8	364.2	368.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1941	396.0	345.9	392.5	366.6	369.5	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1942	396.0	345.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1943	396.0	384.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.8	385.0
1944	396.0	347.6	339.5	343.6	379.3	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1945	311.2	370.8	340.2	334.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1946	396.0	353.0	396.0	396.0	341.1	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1947	396.0	396.0	345.4	392.0	383.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1948	311.2	396.0	368.4	294.5	364.9	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1949	388.9	292.5	292.8	268.2	295.8	266.7	396.0	396.0	396.0	396.0	396.0	385.0
1950	396.0	306.0	296.4	311.5	294.9	389.3	396.0	396.0	396.0	396.0	396.0	385.3
1951	367.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1952	396.0	350.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	391.6
1953	396.0	357.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	393.9
1954	396.0	347.1	336.9	343.3	371.5	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1955	341.8	396.0	350.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0

## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.LWSA.Base      Future W/O TROA Local Water Supply Alt (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	311.2	353.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1957	396.0	353.1	337.2	344.5	360.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1958	396.0	347.7	346.9	347.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1959	396.0	355.8	334.8	340.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1960	396.0	396.0	375.0	380.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1961	389.5	316.4	279.2	241.4	234.6	239.8	396.0	382.5	396.0	396.0	246.5	209.7
1962	0.0	0.0	0.0	0.0	245.6	303.5	396.0	396.0	396.0	396.0	396.0	385.0
1963	396.0	273.4	364.3	318.3	396.0	340.4	396.0	396.0	396.0	383.5	377.6	385.0
1964	327.9	339.3	300.6	291.8	287.4	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1965	312.9	369.3	396.0	396.0	377.4	396.0	396.0	396.0	396.0	396.0	396.0	386.9
1966	396.0	396.0	396.0	396.0	337.9	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1967	311.2	396.0	381.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1968	396.0	343.2	344.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1969	396.0	345.6	346.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1970	396.0	344.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1971	396.0	374.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1972	396.0	350.6	396.0	351.0	339.7	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1973	335.8	346.0	346.3	396.0	390.8	396.0	396.0	396.0	396.0	396.0	396.0	381.6
1974	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1975	396.0	348.9	335.9	334.8	379.6	396.0	396.0	396.0	396.0	396.0	396.0	393.7
1976	396.0	345.3	345.0	333.6	339.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1977	396.0	391.3	363.7	363.2	343.5	340.6	396.0	396.0	396.0	396.0	396.0	219.3
1978	0.0	100.1	229.3	305.0	265.2	396.0	396.0	396.0	396.0	392.9	377.6	385.7
1979	333.5	246.2	308.0	241.5	253.5	255.8	395.6	396.0	396.0	396.0	396.0	385.0
1980	396.0	283.4	272.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	394.0
1981	354.8	341.9	340.7	345.7	337.4	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1982	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1983	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1984	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1985	396.0	379.9	338.0	336.3	340.3	396.0	396.0	396.0	396.0	396.0	396.0	385.0
1986	359.0	346.2	350.1	339.3	396.0	396.0	396.0	396.0	396.0	379.5	396.0	396.0
1987	396.0	342.0	339.4	340.9	340.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1988	325.4	322.2	319.9	323.0	316.7	343.5	396.0	396.0	396.0	384.1	232.0	100.8
1989	0.0	216.8	153.3	133.8	268.8	396.0	396.0	396.0	396.0	396.0	393.5	385.0
1990	311.3	282.0	170.3	218.6	203.1	276.2	396.0	376.1	396.0	396.0	144.8	0.0
1991	0.0	0.0	0.0	0.0	0.0	235.5	396.0	374.9	372.1	299.9	0.0	0.0
1992	0.0	0.0	0.0	0.0	161.2	219.7	396.0	350.2	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	175.5	179.4	396.0	396.0	396.0	396.0	396.0	396.0	329.4
1994	325.8	0.0	0.0	144.8	168.5	344.4	396.0	396.0	302.6	171.3	146.3	0.0
1995	0.0	129.2	136.2	362.1	363.9	396.0	396.0	396.0	396.0	396.0	396.0	391.4
1996	396.0	288.6	296.1	328.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1997	396.0	343.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1998	396.0	343.5	340.3	342.2	396.0	396.0	396.0	396.0	396.0	396.0	392.2	396.0
1999	396.0	340.0	357.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
2000	396.0	339.7	339.2	343.7	363.9	396.0	396.0	396.0	396.0	396.0	396.0	387.0
AVERAGE	335.4	304.9	310.9	320.7	340.0	372.7	395.5	394.6	387.4	381.4	369.4	355.4
355.7												

# TRUCKEE RIVER OPERATING AGREEMENT

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base    TROA Condition Analysis for EIS (150 cfs Bypass)    PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	238.4	216.5	0.0	0.0	400.0	400.0	400.0	400.0	400.0	375.9	358.4	312.3
1902	249.0	0.0	0.0	0.0	265.9	339.8	400.0	400.0	400.0	380.8	360.0	326.2
1903	254.6	0.0	197.1	184.0	169.2	373.5	400.0	400.0	400.0	378.8	359.6	322.4
1904	400.0	369.1	190.6	194.6	400.0	400.0	400.0	400.0	400.0	387.2	357.3	317.0
1905	298.5	0.0	400.0	400.0	245.0	400.0	400.0	400.0	400.0	379.2	318.3	304.5
1906	400.0	163.6	0.0	238.7	400.0	400.0	400.0	400.0	400.0	400.0	357.9	318.8
1907	400.0	182.2	247.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	353.6	315.4
1908	324.3	0.0	400.0	400.0	245.2	400.0	400.0	400.0	400.0	374.6	322.1	303.3
1909	272.2	0.0	207.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	357.1	317.0
1910	400.0	400.0	400.0	400.0	270.9	400.0	400.0	400.0	400.0	372.9	321.6	303.6
1911	248.5	0.0	151.4	400.0	400.0	400.0	400.0	400.0	400.0	400.0	354.6	315.7
1912	400.0	0.0	212.0	196.2	198.8	267.3	383.7	400.0	400.0	326.1	323.2	302.8
1913	400.0	0.0	0.0	0.0	225.2	353.6	400.0	400.0	400.0	400.0	321.9	305.0
1914	294.3	248.6	0.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	352.8	310.5
1915	400.0	150.8	221.9	174.8	163.3	277.0	400.0	400.0	400.0	372.7	357.1	320.4
1916	400.0	161.6	184.3	400.0	400.0	400.0	400.0	400.0	400.0	400.0	355.0	312.7
1917	348.4	0.0	342.3	233.2	400.0	400.0	400.0	400.0	400.0	400.0	357.4	311.7
1918	343.9	0.0	207.0	153.5	191.0	279.8	400.0	400.0	400.0	375.7	322.6	295.5
1919	271.6	0.0	160.4	0.0	156.9	230.1	400.0	400.0	400.0	372.7	321.8	304.0
1920	270.7	0.0	0.0	259.9	354.1	298.6	400.0	400.0	400.0	400.0	322.3	304.1
1921	296.4	0.0	0.0	0.0	0.0	390.9	400.0	400.0	400.0	378.6	334.8	304.6
1922	244.9	0.0	0.0	0.0	194.7	158.5	400.0	400.0	400.0	374.2	358.8	325.3
1923	317.0	156.8	373.0	400.0	228.2	361.9	400.0	400.0	400.0	372.0	356.3	315.1
1924	400.0	163.7	228.5	225.3	185.3	0.0	311.2	400.0	390.4	400.0	400.0	388.9
1925	249.1	150.7	157.3	0.0	236.1	255.1	400.0	400.0	400.0	326.8	323.5	304.5
1926	249.3	0.0	225.4	201.2	233.3	216.2	400.0	400.0	400.0	400.0	376.2	387.5
1927	258.4	0.0	0.0	0.0	226.2	400.0	400.0	400.0	400.0	377.4	359.0	316.8
1928	347.1	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	400.0	400.0	362.0
1929	319.8	264.9	0.0	198.8	206.3	201.6	400.0	400.0	400.0	400.0	375.5	388.5
1930	255.5	0.0	150.1	0.0	0.0	215.7	400.0	400.0	400.0	400.0	324.1	304.0
1931	238.9	150.8	0.0	0.0	0.0	0.0	265.3	306.0	310.3	204.2	0.0	0.0
1932	0.0	0.0	0.0	0.0	0.0	0.0	354.0	400.0	400.0	309.3	306.2	293.5
1933	277.2	0.0	0.0	0.0	0.0	0.0	382.5	400.0	400.0	369.1	181.7	0.0
1934	0.0	0.0	0.0	0.0	0.0	337.1	328.3	296.4	0.0	0.0	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	394.3	306.5	291.7
1936	0.0	0.0	0.0	0.0	0.0	287.0	400.0	400.0	400.0	323.7	321.6	304.8
1937	275.7	0.0	203.7	0.0	0.0	0.0	400.0	400.0	400.0	334.7	322.5	303.6
1938	400.0	0.0	400.0	0.0	151.6	200.4	400.0	400.0	400.0	400.0	353.0	313.2
1939	329.9	0.0	180.6	208.9	204.5	234.7	400.0	400.0	328.9	400.0	329.4	301.6
1940	238.3	242.1	198.2	0.0	237.2	400.0	400.0	400.0	400.0	372.2	318.6	303.5
1941	400.0	0.0	189.3	188.8	296.0	400.0	400.0	400.0	400.0	400.0	357.6	319.9
1942	248.2	0.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	356.0	311.4
1943	400.0	269.1	400.0	400.0	400.0	400.0	400.0	400.0	400.0	372.2	314.2	301.8
1944	400.0	0.0	208.6	219.2	221.3	0.0	374.1	400.0	400.0	400.0	322.2	303.6
1945	238.1	0.0	0.0	0.0	317.7	0.0	400.0	400.0	400.0	373.5	322.1	304.0
1946	269.4	0.0	400.0	400.0	245.0	400.0	400.0	400.0	400.0	400.0	322.1	304.0
1947	264.0	0.0	201.3	282.8	291.7	203.2	400.0	400.0	400.0	400.0	400.0	384.8
1948	204.5	275.8	234.4	176.4	203.4	200.1	400.0	400.0	400.0	353.8	324.3	305.4
1949	249.4	219.7	198.0	156.4	200.8	171.0	400.0	400.0	396.7	382.2	372.1	305.8
1950	400.0	200.3	155.5	0.0	205.7	175.5	400.0	400.0	400.0	378.4	322.8	305.0
1951	238.9	400.0	400.0	400.0	291.1	400.0	400.0	400.0	400.0	320.2	319.1	303.7
1952	400.0	0.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	352.3	314.1
1953	338.3	0.0	400.0	400.0	335.6	400.0	400.0	400.0	400.0	400.0	361.7	323.1
1954	400.0	0.0	0.0	164.6	204.3	321.2	400.0	398.4	400.0	400.0	324.3	304.1
1955	315.9	319.4	196.6	280.7	310.9	308.2	389.8	400.0	400.0	400.0	324.1	304.5

## FARAD PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (150 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	190.5	255.1	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	353.9	315.0
1957	400.0	150.7	244.0	253.4	259.6	400.0	400.0	400.0	400.0	376.9	358.2	313.9
1958	400.0	0.0	161.0	212.6	400.0	400.0	400.0	400.0	400.0	400.0	354.9	315.9
1959	400.0	0.0	218.1	210.7	205.2	339.8	400.0	400.0	400.0	400.0	400.0	400.0
1960	289.1	248.6	211.6	209.3	224.2	317.2	400.0	400.0	400.0	396.2	374.8	387.6
1961	252.7	158.9	0.0	0.0	0.0	0.0	331.7	328.2	371.0	384.5	299.2	179.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	358.0	306.7	293.4
1963	400.0	189.6	222.3	187.0	400.0	206.3	321.4	400.0	400.0	311.2	308.3	302.5
1964	357.7	306.2	0.0	0.0	0.0	278.7	400.0	400.0	400.0	387.1	350.0	304.6
1965	298.5	156.8	400.0	400.0	234.3	282.2	400.0	400.0	400.0	372.0	306.2	314.7
1966	356.2	193.3	400.0	251.7	209.5	237.8	400.0	394.2	400.0	380.2	374.3	305.1
1967	256.3	286.8	0.0	177.2	400.0	400.0	400.0	400.0	400.0	400.0	354.2	314.5
1968	302.4	0.0	157.1	289.0	400.0	400.0	380.2	400.0	400.0	339.6	323.7	304.5
1969	297.3	0.0	203.4	400.0	400.0	400.0	400.0	400.0	400.0	400.0	355.7	315.7
1970	400.0	173.1	400.0	400.0	400.0	400.0	400.0	400.0	400.0	372.2	315.3	302.8
1971	400.0	204.3	314.9	400.0	400.0	400.0	400.0	400.0	400.0	400.0	354.6	313.7
1972	400.0	0.0	179.2	190.4	187.1	400.0	400.0	400.0	400.0	400.0	322.7	303.6
1973	232.9	195.8	0.0	323.6	0.0	161.2	400.0	400.0	400.0	400.0	322.4	304.5
1974	249.0	382.1	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	357.6	317.4
1975	400.0	0.0	205.5	190.3	312.7	400.0	400.0	400.0	400.0	375.6	356.5	311.2
1976	255.3	180.3	332.9	247.4	232.9	329.9	400.0	400.0	388.5	400.0	400.0	384.3
1977	265.9	220.5	219.8	198.9	190.1	199.5	400.0	400.0	400.0	389.4	306.3	259.4
1978	0.0	0.0	0.0	0.0	0.0	279.6	355.8	400.0	400.0	324.8	322.4	304.3
1979	285.8	0.0	213.8	0.0	0.0	196.0	400.0	400.0	382.9	386.2	324.5	305.3
1980	261.7	180.2	178.0	400.0	400.0	376.2	400.0	400.0	400.0	400.0	356.5	316.5
1981	350.3	0.0	0.0	0.0	227.9	217.9	369.5	400.0	400.0	400.0	400.0	307.2
1982	277.2	400.0	400.0	362.7	400.0	400.0	400.0	400.0	400.0	400.0	352.5	286.9
1983	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	305.2
1984	314.3	400.0	400.0	400.0	400.0	400.0	400.0	400.0	400.0	372.2	356.2	312.7
1985	400.0	153.9	0.0	190.7	177.5	294.8	400.0	381.0	400.0	377.4	323.0	304.0
1986	276.4	0.0	204.9	244.3	400.0	400.0	400.0	400.0	400.0	302.7	352.2	307.7
1987	400.0	0.0	0.0	0.0	174.7	242.3	400.0	400.0	400.0	400.0	400.0	342.1
1988	262.2	168.2	174.3	153.6	172.5	204.8	400.0	400.0	400.0	309.0	262.9	172.3
1989	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	400.0	316.8	304.5
1990	299.7	202.2	0.0	0.0	0.0	163.0	400.0	304.2	358.6	339.4	209.5	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	336.6	298.9	353.6	262.8	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	337.0	275.6	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	400.0	400.0	400.0	400.0	354.6	304.2	280.6
1994	197.2	0.0	0.0	0.0	0.0	189.2	388.8	352.5	257.4	0.0	0.0	0.0
1995	0.0	0.0	0.0	188.6	192.1	400.0	400.0	400.0	400.0	400.0	332.5	316.9
1996	301.3	0.0	255.2	254.5	400.0	400.0	400.0	400.0	400.0	325.1	355.0	313.5
1997	400.0	170.5	400.0	400.0	400.0	400.0	400.0	400.0	400.0	349.6	400.0	339.1
1998	400.0	0.0	0.0	168.4	400.0	400.0	400.0	400.0	400.0	400.0	311.9	287.8
1999	378.8	172.0	384.2	400.0	400.0	400.0	400.0	400.0	400.0	325.9	359.0	329.4
2000	400.0	0.0	210.9	152.6	376.7	400.0	400.0	400.0	400.0	400.0	326.3	305.4
<b>AVERAGE</b>	<b>284.9</b>	<b>102.5</b>	<b>173.1</b>	<b>189.9</b>	<b>230.9</b>	<b>291.7</b>	<b>392.1</b>	<b>393.4</b>	<b>387.4</b>	<b>364.9</b>	<b>323.2</b>	<b>290.3</b>
<b>285.4</b>												

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	327.0	325.7	168.7	157.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1902	327.0	187.4	224.6	209.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1903	327.0	258.4	302.3	307.6	282.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1904	327.0	327.0	295.1	298.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1905	327.0	219.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1906	327.0	273.6	162.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1907	327.0	292.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1908	327.0	184.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1909	327.0	249.3	312.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1910	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1911	327.0	239.1	259.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1912	327.0	217.9	319.3	302.9	304.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1913	327.0	173.7	162.2	128.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1914	327.0	327.0	215.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1915	327.0	260.9	327.0	283.6	314.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1916	327.0	270.9	292.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1917	327.0	252.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1918	327.0	258.1	313.0	258.7	311.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1919	327.0	183.3	265.9	160.4	317.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1920	327.0	158.9	142.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1921	327.0	235.1	206.0	192.2	209.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1922	327.0	156.9	124.8	156.4	327.0	304.3	327.0	327.0	327.0	327.0	327.0	327.0
1923	327.0	267.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1924	327.0	273.6	327.0	327.0	290.1	177.8	327.0	327.0	327.0	327.0	327.0	327.0
1925	327.0	261.1	262.6	165.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1926	327.0	155.0	327.0	308.6	327.0	321.2	327.0	327.0	327.0	327.0	327.0	327.0
1927	327.0	236.8	179.4	214.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1928	327.0	248.9	172.7	172.3	183.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1929	327.0	327.0	254.1	303.7	313.7	310.7	327.0	327.0	327.0	327.0	327.0	327.0
1930	327.0	151.7	263.3	235.4	253.9	323.3	327.0	327.0	327.0	327.0	327.0	327.0
1931	327.0	261.8	222.3	0.0	0.0	248.0	327.0	327.0	327.0	306.0	213.6	115.8
1932	0.0	0.0	0.0	163.9	153.7	255.5	327.0	327.0	327.0	327.0	327.0	327.0
1933	327.0	0.0	130.0	136.2	0.0	149.3	327.0	327.0	327.0	327.0	277.4	128.6
1934	0.0	0.0	109.1	103.3	153.0	327.0	327.0	327.0	189.7	175.8	111.0	0.0
1935	101.4	0.0	0.0	0.0	102.2	0.0	327.0	327.0	327.0	327.0	327.0	327.0
1936	123.9	143.8	0.0	167.0	304.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1937	327.0	156.0	313.0	145.0	202.5	240.2	327.0	327.0	327.0	327.0	327.0	327.0
1938	327.0	158.2	327.0	240.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1939	327.0	200.4	287.0	318.5	313.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1940	327.0	327.0	303.4	292.2	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1941	327.0	254.4	319.7	308.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1942	327.0	250.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1943	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1944	327.0	214.7	315.9	327.0	327.0	250.1	327.0	327.0	327.0	327.0	327.0	327.0
1945	327.0	165.1	200.3	160.4	327.0	280.0	327.0	327.0	327.0	327.0	327.0	327.0
1946	327.0	236.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1947	327.0	236.6	311.4	327.0	327.0	313.0	327.0	327.0	327.0	327.0	327.0	327.0
1948	303.6	327.0	327.0	281.7	308.7	307.0	327.0	327.0	327.0	327.0	327.0	327.0
1949	327.0	327.0	306.5	263.1	308.0	279.2	327.0	327.0	327.0	327.0	327.0	327.0
1950	327.0	309.6	261.1	188.3	324.9	297.0	327.0	327.0	327.0	327.0	327.0	327.0
1951	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1952	327.0	205.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1953	327.0	199.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1954	327.0	193.2	168.9	273.6	326.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1955	327.0	327.0	309.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0

## FLEISH PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	289.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1957	327.0	264.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1958	327.0	191.2	271.8	323.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1959	327.0	261.8	323.4	318.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1960	327.0	327.0	316.6	317.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1961	327.0	273.0	244.4	228.9	221.6	255.8	327.0	327.0	327.0	327.0	327.0	279.5
1962	0.0	0.0	0.0	0.0	185.4	261.5	327.0	327.0	327.0	327.0	327.0	327.0
1963	327.0	300.5	327.0	308.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1964	327.0	327.0	241.0	221.8	193.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1965	327.0	267.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1966	327.0	327.0	327.0	327.0	316.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1967	327.0	327.0	263.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1968	327.0	234.2	266.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1969	327.0	234.5	314.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1970	327.0	282.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1971	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1972	327.0	234.0	311.5	303.0	294.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1973	327.0	306.4	251.4	327.0	239.8	277.6	327.0	327.0	327.0	327.0	327.0	327.0
1974	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1975	327.0	241.9	311.3	295.6	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1976	327.0	290.5	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1977	327.0	327.0	324.3	303.1	296.5	303.1	327.0	327.0	327.0	327.0	327.0	327.0
1978	100.9	0.0	168.1	266.5	263.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1979	327.0	173.7	320.1	161.1	151.8	303.5	327.0	327.0	327.0	327.0	327.0	327.0
1980	327.0	290.0	286.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1981	327.0	155.0	188.1	181.4	327.0	326.0	327.0	327.0	327.0	327.0	327.0	327.0
1982	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1983	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1984	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1985	327.0	279.3	255.6	296.7	285.7	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1986	327.0	150.7	317.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1987	327.0	245.4	153.6	152.2	283.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1988	327.0	275.8	281.4	262.0	278.4	309.1	327.0	327.0	327.0	327.0	327.0	275.0
1989	105.1	160.2	118.7	104.1	221.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1990	327.0	309.4	135.2	173.2	157.9	271.3	327.0	327.0	327.0	327.0	313.8	148.0
1991	0.0	0.0	0.0	0.0	0.0	240.8	327.0	327.0	327.0	327.0	147.0	0.0
1992	0.0	0.0	0.0	0.0	166.6	241.2	327.0	327.0	158.4	227.3	189.8	134.5
1993	0.0	0.0	0.0	188.3	192.3	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1994	296.3	0.0	0.0	112.8	140.1	294.8	327.0	327.0	327.0	226.2	202.2	169.6
1995	102.1	0.0	104.8	307.1	297.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1996	327.0	158.4	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1997	327.0	279.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1998	327.0	245.4	192.6	276.9	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
1999	327.0	280.1	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
2000	327.0	243.0	318.1	261.8	327.0	327.0	327.0	327.0	327.0	327.0	327.0	327.0
<b>AVERAGE</b>	<b>295.4</b>	<b>226.8</b>	<b>252.0</b>	<b>260.0</b>	<b>287.6</b>	<b>310.1</b>	<b>327.0</b>	<b>327.0</b>	<b>323.9</b>	<b>323.3</b>	<b>318.7</b>	<b>310.1</b>
<b>296.8</b>												

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)      PAGE NO. 1  
 (Flow in Cubic Feet per Second)  
 1901-2000

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	337.2	331.8	172.2	166.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1902	347.8	194.4	228.2	212.7	380.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1903	353.3	264.5	305.8	323.4	291.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1904	399.0	399.0	298.2	301.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1905	399.0	227.2	399.0	399.0	359.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1906	399.0	280.2	165.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1907	399.0	299.5	373.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1908	399.0	191.7	399.0	399.0	358.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1909	371.0	255.9	316.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1910	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1911	347.3	245.9	265.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1912	399.0	225.3	324.2	307.3	307.9	390.5	399.0	399.0	399.0	399.0	399.0	398.9
1913	399.0	180.4	165.5	140.7	336.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1914	393.0	365.7	232.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1915	399.0	267.7	335.0	289.4	347.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1916	399.0	277.2	297.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1917	399.0	260.2	399.0	342.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1918	399.0	264.2	317.0	262.2	325.2	399.0	399.0	399.0	399.0	399.0	399.0	392.0
1919	370.3	190.1	269.6	164.1	357.9	385.9	399.0	399.0	399.0	399.0	399.0	399.0
1920	369.5	165.6	161.5	371.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1921	395.1	242.9	215.9	208.2	216.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1922	343.6	163.0	138.5	161.5	399.0	334.8	399.0	399.0	399.0	399.0	399.0	399.0
1923	399.0	274.7	399.0	399.0	360.7	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1924	399.0	280.2	338.3	334.5	293.3	183.7	399.0	399.0	399.0	399.0	399.0	399.0
1925	347.8	268.0	266.2	167.6	374.5	366.9	399.0	399.0	399.0	399.0	399.0	399.0
1926	348.0	161.4	332.7	313.6	359.7	324.4	399.0	399.0	399.0	399.0	399.0	399.0
1927	357.2	258.1	183.4	218.5	386.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1928	399.0	256.4	176.6	175.5	186.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1929	399.0	380.3	258.0	307.0	318.6	316.7	399.0	399.0	399.0	399.0	399.0	399.0
1930	354.2	157.2	272.1	246.3	262.7	328.4	399.0	399.0	399.0	399.0	399.0	399.0
1931	337.6	269.2	225.4	0.0	0.0	251.0	371.1	399.0	399.0	307.4	213.7	116.3
1932	0.0	0.0	112.5	179.5	168.8	260.3	399.0	399.0	399.0	399.0	399.0	389.6
1933	376.0	0.0	133.9	151.6	0.0	154.1	399.0	399.0	399.0	399.0	277.0	130.7
1934	0.0	0.0	123.1	0.0	157.1	399.0	399.0	390.9	190.4	177.7	114.7	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	399.0	399.0	399.0	399.0	399.0	388.0
1936	123.5	150.0	0.0	174.3	358.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1937	374.4	161.9	319.3	157.0	232.7	252.1	399.0	399.0	399.0	399.0	399.0	399.0
1938	399.0	165.0	399.0	247.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1939	399.0	207.2	291.2	325.0	319.6	349.7	399.0	399.0	399.0	399.0	399.0	397.7
1940	337.1	357.6	306.8	328.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1941	399.0	261.4	339.9	321.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1942	347.0	257.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1943	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	397.8
1944	399.0	222.2	320.8	334.4	362.7	268.6	399.0	399.0	399.0	399.0	399.0	399.0
1945	336.9	179.4	205.4	163.8	399.0	300.1	399.0	399.0	399.0	399.0	399.0	399.0
1946	390.1	245.5	399.0	399.0	359.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1947	362.8	260.1	318.2	392.2	399.0	319.6	399.0	399.0	399.0	399.0	399.0	399.0
1948	303.2	391.4	342.7	285.3	312.2	311.6	399.0	399.0	399.0	399.0	399.0	399.0
1949	348.1	334.8	312.2	267.5	312.8	284.7	399.0	399.0	399.0	399.0	399.0	399.0
1950	399.0	315.9	264.8	214.0	337.6	311.2	399.0	399.0	399.0	399.0	399.0	399.0
1951	350.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1952	399.0	213.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1953	399.0	210.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1954	399.0	200.6	173.0	279.6	340.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1955	399.0	399.0	317.3	396.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0

## VERDI PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	289.3	369.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1957	399.0	273.8	354.6	369.7	388.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1958	399.0	198.7	279.1	331.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1959	399.0	271.8	327.0	323.4	371.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1960	387.8	366.3	320.0	322.3	366.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1961	351.4	282.5	247.4	232.0	225.4	260.9	399.0	399.0	399.0	399.0	394.3	282.3
1962	0.0	0.0	0.0	0.0	224.9	285.2	399.0	399.0	399.0	399.0	399.0	389.4
1963	399.0	307.7	331.9	322.2	399.0	347.8	399.0	399.0	399.0	399.0	399.0	398.5
1964	399.0	399.0	245.2	227.3	198.2	394.0	399.0	399.0	399.0	399.0	399.0	399.0
1965	397.3	274.8	399.0	399.0	374.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1966	399.0	361.8	399.0	370.2	321.4	348.1	399.0	399.0	399.0	399.0	399.0	399.0
1967	355.0	399.0	280.5	364.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1968	399.0	240.4	273.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1969	399.0	241.4	321.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1970	399.0	289.3	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	398.8
1971	399.0	342.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1972	399.0	242.5	332.9	311.4	299.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1973	348.7	313.4	258.5	399.0	260.0	288.5	399.0	399.0	399.0	399.0	399.0	399.0
1974	352.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1975	399.0	249.8	315.1	299.2	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1976	361.3	297.3	399.0	355.4	345.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1977	364.7	337.3	327.3	305.9	300.8	305.4	399.0	399.0	399.0	399.0	399.0	364.4
1978	0.0	0.0	180.1	281.1	276.7	395.6	399.0	399.0	399.0	399.0	399.0	399.0
1979	384.5	180.7	324.4	166.6	161.3	308.4	399.0	399.0	399.0	399.0	399.0	399.0
1980	360.5	296.6	291.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1981	399.0	160.9	193.3	188.1	339.5	331.4	399.0	399.0	399.0	399.0	399.0	399.0
1982	376.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1983	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1984	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1985	399.0	296.2	260.0	300.6	291.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1986	387.2	157.8	325.3	356.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1987	399.0	251.3	158.4	157.5	288.5	354.9	399.0	399.0	399.0	399.0	399.0	399.0
1988	361.0	280.9	286.1	267.6	282.3	311.9	399.0	399.0	399.0	399.0	369.6	277.0
1989	110.8	164.5	122.9	0.0	226.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1990	398.4	314.3	139.6	178.0	162.4	276.7	399.0	398.7	399.0	399.0	317.2	151.0
1991	0.0	0.0	0.0	0.0	0.0	244.8	399.0	393.5	399.0	357.3	150.6	0.0
1992	0.0	0.0	0.0	0.0	169.6	240.6	399.0	370.1	160.7	231.0	192.2	136.3
1993	0.0	0.0	0.0	193.0	196.5	399.0	399.0	399.0	399.0	399.0	399.0	376.8
1994	296.0	0.0	0.0	117.6	144.1	298.6	399.0	399.0	361.5	228.8	204.3	171.4
1995	0.0	0.0	0.0	319.5	301.8	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1996	399.0	163.3	372.1	368.4	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1997	399.0	286.1	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1998	399.0	251.8	197.7	282.6	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
1999	399.0	285.5	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
2000	399.0	248.3	322.9	267.9	399.0	399.0	399.0	399.0	399.0	399.0	399.0	399.0
<b>AVERAGE</b>	<b>340.6</b>	<b>243.2</b>	<b>274.8</b>	<b>287.8</b>	<b>327.6</b>	<b>362.2</b>	<b>398.7</b>	<b>398.6</b>	<b>394.2</b>	<b>392.1</b>	<b>385.4</b>	<b>374.8</b>
<b>348.3</b>												



## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1901	336.7	338.0	175.6	175.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	363.9
1902	312.8	173.3	204.9	188.9	358.7	396.0	396.0	396.0	396.0	396.0	396.0	377.8
1903	318.4	242.5	282.4	312.1	272.1	396.0	396.0	396.0	396.0	396.0	396.0	374.0
1904	396.0	396.0	274.2	277.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.6
1905	366.1	206.5	396.0	396.0	337.1	396.0	396.0	396.0	396.0	396.0	365.4	356.0
1906	396.0	258.7	142.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	370.4
1907	396.0	278.2	357.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	367.0
1908	396.0	171.1	396.0	396.0	336.9	396.0	396.0	396.0	396.0	396.0	369.1	354.9
1909	396.0	234.4	292.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.6
1910	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.7	355.2
1911	312.3	224.5	243.5	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	367.3
1912	396.0	204.6	302.1	284.7	284.5	371.9	396.0	396.0	396.0	372.0	370.3	354.4
1913	396.0	158.9	141.8	126.2	312.3	396.0	396.0	396.0	396.0	396.0	369.0	356.5
1914	358.1	344.4	222.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	362.1
1915	396.0	246.4	313.2	268.3	353.7	391.6	396.0	396.0	396.0	396.0	396.0	372.0
1916	396.0	255.3	276.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	364.3
1917	396.0	239.5	396.0	319.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	363.3
1918	396.0	242.2	294.1	238.7	310.8	396.0	396.0	396.0	396.0	396.0	369.6	347.9
1919	335.4	168.8	246.3	140.8	370.2	380.3	396.0	396.0	396.0	396.0	368.8	355.6
1920	334.5	144.2	153.2	349.4	396.0	395.3	396.0	396.0	396.0	396.0	369.4	355.7
1921	360.2	222.6	198.8	197.2	194.9	396.0	396.0	396.0	396.0	396.0	381.9	356.2
1922	308.7	140.9	125.2	139.5	396.0	337.4	396.0	396.0	396.0	396.0	396.0	376.9
1923	380.8	253.8	396.0	396.0	345.7	396.0	396.0	396.0	396.0	396.0	396.0	366.7
1924	396.0	258.7	315.2	311.2	269.4	161.6	358.0	396.0	396.0	396.0	396.0	396.0
1925	312.9	246.9	242.7	143.2	361.9	343.8	396.0	396.0	396.0	372.7	370.6	356.1
1926	313.1	139.7	308.6	291.6	342.3	299.8	396.0	396.0	396.0	396.0	396.0	396.0
1927	322.2	251.3	160.5	195.4	382.0	396.0	396.0	396.0	396.0	396.0	396.0	368.4
1928	396.0	235.9	153.5	151.8	161.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1929	383.7	358.3	235.1	283.3	295.5	294.8	396.0	396.0	396.0	396.0	396.0	396.0
1930	319.3	134.6	253.9	230.2	243.4	305.6	396.0	396.0	396.0	396.0	367.4	352.9
1931	300.5	246.7	199.8	0.0	0.0	224.2	325.2	351.0	360.2	269.2	174.6	0.0
1932	0.0	0.0	104.3	168.3	157.2	237.5	396.0	396.0	396.0	359.6	357.7	348.2
1933	342.9	0.0	111.0	140.2	0.0	131.2	396.0	396.0	396.0	396.0	235.0	0.0
1934	0.0	0.0	110.4	0.0	133.6	396.0	375.9	341.4	144.6	140.1	0.0	0.0
1935	0.0	0.0	0.0	0.0	0.0	0.0	396.0	396.0	396.0	396.0	357.9	346.8
1936	0.0	129.6	0.0	154.9	385.0	396.0	396.0	396.0	396.0	369.6	368.7	356.4
1937	339.5	139.8	298.5	142.1	234.8	236.1	396.0	396.0	396.0	380.6	369.6	355.2
1938	396.0	143.8	396.0	227.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	364.8
1939	393.7	185.9	268.5	304.4	297.6	327.8	396.0	396.0	371.2	396.0	376.4	353.2
1940	302.1	335.7	283.3	338.5	396.0	396.0	396.0	396.0	396.0	396.0	365.7	355.1
1941	396.0	240.3	333.2	306.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	371.4
1942	312.0	236.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	363.0
1943	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	361.3	353.4
1944	396.0	201.6	298.6	313.5	352.3	259.1	396.0	396.0	396.0	396.0	369.3	355.2
1945	301.9	165.5	183.5	140.3	396.0	292.2	396.0	396.0	396.0	396.0	369.1	355.6
1946	364.1	226.6	396.0	396.0	337.0	396.0	396.0	396.0	396.0	396.0	369.1	355.6
1947	327.8	255.4	298.0	369.0	380.8	298.2	396.0	396.0	396.0	396.0	396.0	396.0
1948	268.3	369.5	319.0	261.8	288.6	288.3	396.0	396.0	396.0	396.0	371.4	357.0
1949	313.2	312.7	290.8	245.0	289.6	262.2	396.0	396.0	396.0	396.0	396.0	357.4
1950	396.0	294.0	241.6	212.7	322.3	297.6	396.0	396.0	396.0	396.0	369.9	356.5
1951	320.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	366.1	366.2	355.3
1952	396.0	194.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	365.6
1953	396.0	192.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	374.7
1954	396.0	179.8	150.2	258.6	327.5	396.0	396.0	396.0	396.0	396.0	371.4	355.7
1955	379.7	396.0	298.6	375.8	396.0	392.2	396.0	396.0	396.0	396.0	371.2	356.1

## WASHOE PLANT MEAN MONTHLY DISCHARGE

TROA.In.EIS.Tr.base      TROA Condition Analysis for EIS (50 cfs Bypass)  
 (Flow in Cubic Feet per Second)  
 1901-2000

PAGE NO. 1

YEAR	OCTBR	NOVBR	DECBR	JANRY	FEBRY	MARCH	APRIL	MAY	JUNE	JULY	AUGST	SEPTR
1956	254.3	346.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	366.6
1957	396.0	254.9	331.9	349.3	371.5	396.0	396.0	396.0	396.0	396.0	396.0	365.4
1958	396.0	178.1	259.3	311.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	367.5
1959	396.0	253.7	303.6	301.4	370.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1960	352.9	345.3	296.4	300.6	355.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1961	316.5	263.8	223.5	208.1	201.1	238.0	379.5	375.4	396.0	396.0	350.6	244.0
1962	0.0	0.0	0.0	0.0	236.6	281.3	396.0	396.0	396.0	396.0	358.2	348.1
1963	396.0	288.3	308.9	309.5	396.0	336.7	396.0	396.0	396.0	357.2	355.3	354.1
1964	396.0	396.0	222.4	205.9	175.5	372.2	396.0	396.0	396.0	396.0	396.0	356.2
1965	362.3	253.9	396.0	396.0	363.2	378.2	396.0	396.0	396.0	396.0	383.7	365.4
1966	396.0	361.1	396.0	350.6	298.1	324.3	396.0	396.0	396.0	396.0	396.0	356.7
1967	320.1	395.3	270.5	372.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	366.1
1968	370.2	218.5	252.4	388.5	396.0	396.0	396.0	396.0	396.0	385.6	370.7	356.1
1969	377.4	220.2	301.2	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	367.3
1970	396.0	267.7	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	362.3	354.4
1971	396.0	330.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	365.3
1972	396.0	222.9	327.5	292.8	277.5	396.0	396.0	396.0	396.0	396.0	369.8	355.2
1973	320.8	292.4	238.6	396.0	252.1	271.5	396.0	396.0	396.0	396.0	369.5	356.1
1974	319.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.9
1975	396.0	229.5	292.0	275.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	362.8
1976	329.4	276.0	396.0	331.7	323.6	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1977	329.7	315.9	303.3	281.7	277.1	279.9	396.0	396.0	396.0	396.0	357.8	328.8
1978	0.0	0.0	165.4	268.9	261.8	374.3	396.0	396.0	396.0	370.7	369.4	355.9
1979	349.6	159.7	301.6	145.1	142.7	285.5	396.0	396.0	396.0	396.0	371.5	356.9
1980	325.5	275.0	270.4	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	368.1
1981	396.0	138.7	171.5	167.9	316.1	308.9	396.0	396.0	396.0	396.0	396.0	358.8
1982	341.1	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	361.7
1983	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	356.8
1984	382.9	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	364.3
1985	396.0	285.0	237.5	277.6	268.5	396.0	396.0	396.0	396.0	396.0	370.1	355.6
1986	357.2	136.8	306.4	334.2	396.0	396.0	396.0	396.0	396.0	373.8	396.0	359.3
1987	396.0	229.1	136.3	135.8	266.0	332.1	396.0	396.0	396.0	396.0	396.0	393.7
1988	326.0	257.9	263.9	246.2	259.2	286.8	396.0	396.0	396.0	360.3	333.5	242.3
1989	0.0	142.1	100.4	0.0	203.0	396.0	396.0	396.0	396.0	396.0	365.2	356.0
1990	363.5	291.0	116.9	155.8	138.9	254.3	396.0	349.2	396.0	389.9	281.3	117.5
1991	0.0	0.0	0.0	0.0	0.0	221.1	392.5	343.9	396.0	313.5	115.1	0.0
1992	0.0	0.0	0.0	0.0	145.9	212.5	385.9	320.6	116.8	195.3	155.5	101.5
1993	0.0	0.0	0.0	171.0	173.0	396.0	396.0	396.0	396.0	396.0	355.6	335.6
1994	262.9	0.0	0.0	0.0	120.4	274.6	396.0	396.0	317.5	191.9	167.2	136.7
1995	0.0	0.0	0.0	305.2	277.9	396.0	396.0	396.0	396.0	396.0	380.0	368.2
1996	365.6	140.1	351.9	346.9	396.0	396.0	396.0	396.0	396.0	385.2	396.0	365.1
1997	396.0	264.3	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0	396.0
1998	396.0	230.0	175.8	261.2	396.0	396.0	396.0	396.0	396.0	396.0	374.2	367.7
1999	396.0	262.8	396.0	396.0	396.0	396.0	396.0	396.0	396.0	385.0	396.0	381.3
2000	396.0	225.4	300.7	247.0	396.0	396.0	396.0	396.0	396.0	396.0	373.4	357.0
<b>AVERAGE</b>	<b>321.5</b>	<b>227.4</b>	<b>260.4</b>	<b>274.1</b>	<b>317.5</b>	<b>353.2</b>	<b>394.4</b>	<b>393.1</b>	<b>389.3</b>	<b>384.1</b>	<b>366.9</b>	<b>339.7</b>
<b>335.1</b>												

# **Exhibit 14**

## **Truckee River Operations Model**

### **Lower Truckee Flow Regime Criteria**

Memorandum

June 26, 2003

To: Mary Jo Elpers  
Subject: Operation Model Incorporation of Lower Truckee Flow Regime Criteria  
From: Roderick L. Hall

The operation model uses criteria for selection of lower Truckee Flow Regimes provided by Stetson Engineers. It is my understanding that Stetson Engineers developed the criteria in consultation with the USFWS and others. This memorandum presents a brief summary of the criteria and the operation models use of the flow regime criteria.

Target flow regime criteria utilize March first Stampede Reservoir storage and the forecast of March-July runoff expected to be produced by the watershed located between Independence Lake and Stampede Reservoir. The operation model then manages Fish Water (federal project water) and Fish Credit Water to supply the selected target Pyramid Lake inflows while storing water that is surplus to such target inflows to Pyramid Lake.

Criteria are summarized in the following tables.

A "hydrologic year type" is selected based upon forecast of March-July Stampede inflow.

**Criteria for Hydrologic Year Types**

<b>Basin between Independence Lake and Stampede Reservoir March – July Flow (acre-feet)</b>	<b>Hydrologic Year Type</b>
Greater than 150,000	Wet
Greater than 107,000 and less than 150,000	Above Average
Greater than 76,000 and less than 107,000	Average
Greater than 52,000 and less than 76,000	Below Average
Greater than 30,000 and less than 52,000	Dry
Less than 30,000	Critical

A Stampede “storage level” is selected based upon Stampede storage.

**Stampede Reservoir Storage Levels**

<b>Stampede March 1 Fish Water and Fish Credit Storage (acre-feet)</b>	<b>Storage Level</b>
Greater than 200,000	Full
Greater than 150,000 and less than 200,000	High
Greater than 100,000 and less than 150,000	Low
Less than 100,000	Critical

Utilizing selections of hydrologic year type and storage condition, a month’s flow regime is selected using relationships shown in the following table.

**Flow Regime Selection Matrix**

<b>Storage Condition</b>	<b>Hydrologic Year Type</b>					
	<b>Wet</b>	<b>Above Average</b>	<b>Average</b>	<b>Below Average</b>	<b>Dry</b>	<b>Critical</b>
Full	1	1	1	1	3	4
High	1	1	2	2	4	5
Low	1	2	3	4	6	6
Critical	2	3	5	6	6	6

As part of the model’s calculations, flow regimes are selected each month of March through August. The monthly selections are made as follows:

- Using the above flow regime selection matrix, the operation model makes a flow regime selection on March 1 using March 1 Stampede storage calculated by the operation model and the March 1 forecast of March-July Stampede inflow.
- On April 1, the forecast of March-July Stampede inflow is updated (based upon changes in hydrologic conditions during March) and a flow regime is selected that may or may not be different from the flow regime selected on March 1. The April 1 flow regime selection continues to use the March 1 Stampede storage.
- On May 1, the forecast March-July Stampede inflow is again updated and a flow regime is selected. Again, this continues to use the March 1 Stampede storage and the selected flow regime may or may not be the same as selected on April 1.
- On June 1, the procedure is repeated. The forecast March-July Stampede inflow is updated, the March 1 Stampede storage is used and a flow regime is selected.

- On July 1, the procedure is repeated. The forecast March-July Stampede inflow is updated, the March 1 Stampede storage is used and a flow regime is selected.
- On August 1, the March-July Stampede inflow is “known” by the operation model. A forecast is no longer necessary. Using the “known” March-July Stampede inflow and the March 1 Stampede storage, the flow regime is selected. The regime selected on August 1 is used for operation during the months of August through the following February.

Once a flow regime for the month being analyzed by the operation model has been selected, the operation model sets a target inflow to Pyramid Lake based upon the following:

**Pyramid Inflow Targets for Each Flow Regime**  
(in cfs)

<b>Month</b>	<b>Flow Regime No. 1</b>	<b>Flow Regime No. 2</b>	<b>Flow Regime No. 3</b>	<b>Flow Regime No. 4</b>	<b>Flow Regime No. 5</b>	<b>Flow Regime No. 6</b>
January	160	150	120	110	100	90
February	160	150	120	110	100	90
March	290	220	200	160	160	140
April	590	490	420	350	300	200
May	1000	800	600	530	400	300
June	800	600	500	400	270	170
July	300	300	300	200	150	120
August	200	200	200	200	150	110
September	170	170	120	110	100	100
October	160	150	120	110	100	100
November	160	150	120	110	100	90
December	160	150	120	110	100	90

The above flow target criteria are modified for years with substantial spring runoff. In years when the May and June inflow to Pyramid Lake exceed 1000 cfs, the August and September target inflows are set to 300 cfs.

The operation model calculates the Pyramid inflow that will result from an operation that supplies California’s water demands and Orr Ditch Decree demands (Truckee Meadows diversion rights, Water Quality water rights, Newlands Project rights, etc.). If the resulting inflow to Pyramid Lake supplies the target flow, the operation model tries to withhold any surplus inflow (amount that such Pyramid inflow exceeds the target inflow) and accumulate such surplus in storage as either Fish Water (federal project water) or Fish Credit Water.

If the resulting inflow to Pyramid Lake is less than the target flow, first Fish Credit Water and then Fish Water (federal project water) is released from storage and delivered to Pyramid Lake. Such releases are increased until Pyramid Lake inflow equals the target or until there is no more Fish Credit or Fish Water left in storage.

There are numerous operational adjustments related to management of Fish Water and Fish Credit Water that are calculated by the operation model and that have not be described. However, the above discussion describes the basic approach used by the operation model to incorporate the six flow regimes into the model calculations of storage, release, and streamflow.





# **Exhibit 15**

## **Truckee River Operations Model Operations Criteria and Analysis for Current Conditions and Alternatives**

# **REVIEW OF RESERVOIR AND RIVER OPERATION ANALYSIS PROCEDURES APPLIED TO TROA EIS/EIR ALTERNATIVES**

This discussion is intended to provide a general review of assumptions made and procedures used to “operate” the Truckee River in a manner that incorporates the basic operation principles applied to Current Conditions, future No Action conditions, future conditions with supplemental (other than TROA) Local M&I Water Supplies and future conditions with TROA. It is intended that this discussion will provide information to help explain analysis assumptions and operation characteristics that are the basis for calculation of results, which were distributed for use in drafting the EIS/EIR.

The discussion is organized into the following sections:

- Analysis Period
- Lake Tahoe Basin Water Use
- California Storage and Demand, Lake Tahoe to State Line
- California In Stream Flow Requirements
- California Reservoir Recreation
- TMWA Demand, Water Rights and Water Supply
- Water Quality Water Supply and TMWRF Groundwater Component
- Truckee Meadows non-TMWA and non-Water Quality Demands
- Fernley M&I Demand and Storage
- Newlands Project
- Lower Truckee River Fish, Including Cui-ui and LCT, and Pyramid Lake
- Reservoir Storage and Release
- Lake Tahoe Storage and Release
- Donner Lake Storage and Release
- Prosser Creek Reservoir Storage and Release
- Independence Lake Storage and Release
- Stampede Reservoir Storage and Release
- Boca Reservoir Storage
- Truckee River at Sparks and at Vista
- Truckee River Inflow to Pyramid Lake

## **Analysis Period**

Hydrologic conditions for a 100 year period were used to perform each analysis (Current Conditions, No Action, Local Water Supply and TROA). The basic climatic conditions for the 100 years are those that occurred during the historic period of 1901 through 2000.

## **Lake Tahoe Basin Water Use**

The analysis treats California and Nevada water use in the Lake Tahoe basin as it is related to the water use under future conditions with TROA and with full development as provided in PL 101-618. The analysis does not perform any operation calculation for the Lake Tahoe basin. Impacts of water development are incorporated into the analysis by adjusting the 1901-2000 monthly net inflow data for Lake Tahoe. Because future development with the PL 101-618 water use provides the base, No Action, Local Water Supply and TROA analyses have no further adjustment to the Lake Tahoe inflow data.

The Current Conditions analysis recognizes that present water use is less than future water use and, to account for this, increases Lake Tahoe net inflow by 1,402 acre-feet per year.

## **California Storage and Demand, Lake Tahoe to State Line**

California direct diversion annual demand for the Current Conditions analysis is set as 2,800 acre-feet from surface water and 7,573 acre-feet from groundwater. For No Action, annual surface water demand is set to 3,100 acre-feet and annual groundwater demand is set to 19,600 acre-feet. For the Local Water Supply Alternative and TROA, annual surface water demand is set to 4,300 acre-feet and annual groundwater demand is set to 18,400 acre-feet. These annual demand amounts were set by the California Department of Water Resources.

For the TROA analysis, it was estimated that California would exercise an additional surface water demand of 300 acre-feet per year which may be used to accumulate storage. The storage may be used to supply California's diversion demand during dry months or years. Up to 8,000 acre-feet of storage may be accumulated. The storage is accumulated in Lake Tahoe by reducing release that would otherwise be made and allocating water associated with a water right from the Truckee below Lake Tahoe to replace the water that would otherwise have been released from Lake Tahoe. By exchange, California water stored in Lake Tahoe may be transferred to another Truckee reservoir. This California storage is released proportionately to other credit water to maintain minimum reservoir releases.

California also stores up to 5,400 acre-feet per year of Joint Program Fish Credit in the TROA analysis. This water is stored in Truckee River reservoirs, may be accumulated in storage at a rate equal to the rate at which Fish Credit is accumulated and is stored (based upon the potential of surplus inflow to Pyramid Lake) in the same manner as Fish Credit is accumulated. California's Joint Program Fish Credit Water is transferred between reservoirs with an objective

of maintaining recreation pools. When no other supplies are available, it is used to maintain minimum releases.

California's surface water availability is based upon the availability of flow from the Truckee basin between Lake Tahoe and the California-Nevada state line. It is limited, as required in PL 101-618, to those times when supplies are adequate to supply Orr Ditch Claims #1 and #2 (belonging to the Pyramid Lake Paiute Tribe) and TMWA's 40 cfs right. The analysis makes no calculation regarding the impact of these limitations upon the 1,200 acre-feet of existing surface water diversion. Rather, the analysis assumes that those supply and physical characteristics associated with the location of existing diversions create limitations that regulate the diversion in accordance with requirements of PL 101-618.

For the two future conditions alternatives, California's additional surface water is diverted from the Truckee River at a location just below the point where Donner Creek flows into the Truckee River.

In the TROA analysis, release of Floriston Rate Water is not adjusted to compensate for reduction in flow associated with the increase in California's direct diversion or storage used in future conditions analyses unless the Truckee flow at Farad is significantly less than Floriston Rates.

### **California In Stream Flow Requirements**

The criteria for minimum in stream flows under TROA are documented separately and will not be duplicated herein. Minimum reservoir releases for the non-TROA analyses are those that apply to present operations and are as follows:

Lake Tahoe	50 cfs October-March and 70 cfs April-September
Donner Lake	2 cfs min, 3 cfs max, and 5 cfs below Cold Creek
Prosser Reservoir	5 cfs
Independence Lake	2 cfs
Stampede Reservoir	30 cfs

No other instream flow requirements or objectives are used for the non-TROA analyses.

For the TROA analysis, operation uses seasonal forecasts to select releases during periods when releases can be maintained at rates greater than minimum. Releases greater than current minimums (see above listing) do not use Floriston Rate Water unless such Floriston Rate Water is being released for Orr Ditch Decree water right consumptive use purposes. Releases are selected with a "most desirable" target based upon Preferred Flows established by the California Department of Fish and Game. These Preferred Flow releases are as follows:

Lake Tahoe	250 cfs October-January 150 cfs Feb-March and August-Sept 300 cfs April-July
Donner Lake	50 cfs October-Jan and Apr-July 20 cfs February-March 10 cfs August-September
Martis Creek Lake	No preferred release
Prosser Reservoir	50 cfs October-January 35 cfs February-March 75 cfs April-July 30 cfs August-September
Independence Lake	20 cfs October-Jan and Apr-July 10 cfs Feb-March and August-Sept
Stampede Reservoir	125 cfs October-Jan and Apr-July 100 cfs Feb-March and August-Sept
Boca Reservoir	No preferred release

The TROA operation selects release based upon the opportunity and necessity to release (and at times restore) water during the upcoming season. For example, release greater than minimum may be provided in years when reservoir storage must be emptied to provide adequate flood control space.

The necessary release from storage is distributed over several months so that the release pattern will follow (as closely as practical) the pattern of Preferred Flow over the period. For example, in the case of the analysis selecting a Stampede Reservoir release schedule for July through October, the release would be selected in recognition of the Preferred Flow pattern which is 125 cfs during July, 100 cfs during August and September and 125 cfs during October.

The TROA analysis procedure for establishing target flows varies with time of year, as follows:

- During October through January, release targets are adjusted to equal minimum flows.
- During February through May, the ability to supply flows from the analysis month through June that are between minimum and preferred is calculated. Each month the release target is set to equal the greater of minimum release or the flow target calculated by analyzing forecast flows.
- During June, release targets are set to minimums.
- During July through September, release targets were based upon release through October in conjunction with the minimum and preferred flows.

In addition under TROA conditions, minimum releases are set in accordance with Article Nine of TROA, which specifies and sets requirements for Enhanced Minimum Releases.

It should be noted that while TROA seasonal release scheduling analysis may select a minimum release target, the calculated release may be significantly greater because of other operational objectives. The existence of such other operation objectives is the primary reason it is convenient for the analysis to always set June target release to the minimum.

### **California Reservoir Recreation**

No recreation pool objectives were established for the non-TROA analyses. For the TROA analysis, May 31 through August 31 reservoir storage objectives were as follows:

Lake Tahoe	None
Donner Lake	8,800 acre-feet
Prosser Reservoir	19,000 acre-feet
Independence Lake	10,500 acre-feet
Stampede Reservoir	127,000 acre-feet
Boca Reservoir	33,500 acre-feet

Achievement of the recreation storage objectives is not allowed to impair operation to supply Enhanced Minimum Releases.

These objectives were used to manage Joint Program Fish Credit under TROA conditions.

Under TROA conditions for Independence Lake, Fish Credit Water and Fish Water may be used along with Joint Program Fish Credit in order to maintain the target storage.

Under TROA conditions, the Prosser Creek Reservoir recreation storage management is more complex than that of other reservoirs and it relies more heavily upon storage classifications other than Joint Program Fish Credit. In certain years, Prosser Creek Reservoir will maintain its storage equal to its target when Stampede and Boca drop below their storage targets.

Under TROA conditions, Donner Lake releases for in stream flow were restricted somewhat in an effort to maintain the recreation storage objective.

### **TMWA Demand, Water Rights and Water Supply**

TMWA's surface water rights used in all three analyses included TMWA's rights to Hunter Creek and TMWA's 40 cfs right for direct diversion from the Truckee River. The current and future conditions studies assumed that TMWA demands and use of former agricultural Truckee River water rights would be as follows:

	Demand (ac-ft)	Former Agricultural Water Rights (ac-ft)
Current Conditions	83,140	57,170
No Action	119,000	83,030
Local Water Supply	119,000	83,030
TROA	119,000	93,550

Over the 100 year analysis period, demands listed above result in the following average annual utilization of TMWA's water supplies:

	Current Conditions Analysis (ac-ft)	No Action Analysis (ac-ft)	Local Water Supply Analysis (ac-ft)	TROA Analysis (ac-ft)
Annual Demand	83,140	119,000	119,000	119,000
Conservation (short)	None	590	330	740
Hunter Creek	5,320	5,320	5,320	5,320
T.M. Groundwater	15,360	13,310	13,320	12,810
TMWA's 40 cfs	28,310	28,690	28,690	28,690
Former Agric. Rts.	33,480	70,280	70,250	69,820
Donner/Indepen L	450	500	530	730
Additnl Grndwtr Sto	None	None	280	None
M & I Credit Stor	210	310	300	890

Conservation (or shortage in supply) changes between studies. Under Current Conditions, all demand can be met even during a drought equal to that of 1992. Therefore, there is no conservation indicated for the Current Conditions analysis.

No Action and Local Water Supply alternatives have less conservation that does TROA because TROA requires conservation in any year classified as a Drought Situation. In some years when TROA has conservation, TMWA may experience only a small shortfall in its normal supply or may not experience any shortage in supply. No Action and Local Water Supply alternatives use conservation only when there is a direct impact upon TMWA's ability to maintain its reserve storage (for dry years). During the driest years, the No Action alternative's conservation (or shortage) is greater than calculated for other alternatives. It is as much as 10,580 acre-feet per year or nine percent of normal year supply and demand.

Hunter Creek supply is fully utilized in all analyses.

Truckee Meadows Groundwater for the Current Conditions analysis is utilized during normal water supply years at a level which corresponds to the that used in 2002. This is greater than the planned average use in the future. Thus, the current conditions average use of groundwater exceeds the normal year use that calculated for the other alternatives. However, the No Action and Local Water Supply alternatives pump more groundwater during dry years.

TMWA's 40 cfs Diversion Right is a right to direct diversion from the Truckee River. This right is utilized throughout the year in all analyses.

Former Agricultural Water Rights have been and are being acquired in conjunction with M & I development within the TMWA service area. The use of these rights is based upon demand and the impact of demand is reflected in the difference between the current and future analyses. The TROA analysis shows slightly lower utilization of these rights because of the greater conservation under TROA, as discussed above.

Donner and Independence Lakes both provide Privately Owned Stored Water (POSW) to TMWA. All analyses reflect the present sharing of Donner Lake between TMWA and the Truckee Carson Irrigation District.

Use of Donner Lake is significantly constrained by requirements to maintain lake level in the summer and to empty all operational storage in the fall and winter.

The TROA analysis uses somewhat more water from Donner and Independence Lakes than do the other alternatives because, under TROA, TMWA is required to use their POSW supply before using any M & I Credit storage.

Additional Groundwater Storage is included in the analysis of the Local Water Supply alternative. This groundwater reservoir is operated as a recharge groundwater reservoir that is filled during normal water supply periods using TMWA's water from Donner Lake, Independence Lake, and the consumptive use portion of TMWA's water rights that are not directly used to supply an immediate demand. The groundwater reservoir is used to supply TMWA when Truckee River flows are insufficient to supply TMWA's direct diversion rights (former agricultural rights and 40 cfs right).

M & I Credit Water storage is utilized in the each analysis. Under TROA, the storage is available in Lake Tahoe, Prosser Reservoir, Stampede Reservoir, and Boca Reservoir. Under the other alternatives, M&I Credit Water storage is available in Stampede and Boca Reservoirs in accordance with the Interim Storage Agreement. The storage is filled during normal water supply periods using TMWA's water from Donner Lake, Independence Lake, and, under TROA conditions, the consumptive use portion of TMWA's water rights that are not directly used to supply an immediate demand. Under non-TROA conditions, the M&I Credit Water storage is used during dry years when TMWA's direct diversion water rights provide an insufficient M&I supply. For TROA, M & I Credit Water storage is used during a Drought Situation and only after all of TMWA's available Donner Lake storage and all Independence Lake storage above 7,500 ac-ft as well as the supply from TMWA's direct diversion rights have been used.

### **Water Quality Water Supply, Utilization and TMWRF Groundwater Component**

There are no water quality considerations applied to the Current Conditions operation analysis.



Future conditions (with and without TROA) operation includes operation in accordance with the water quality agreement among Reno, Sparks, Washoe County, Pyramid Lake Paiute Tribe and federal government. This agreement provides for acquisition of water rights and utilization of that supply to improve Truckee River water quality by increasing Truckee River flow and the river's consequent capacity to assimilate nutrients. The water rights acquired are as follows:

Truckee River between Farad and Vista: Under TROA, 7,600 acre-feet of water rights and, without TROA, 900 acre-feet of water rights are acquired: Acquisition of these rights is assumed to increase Truckee River flow by 62.5% of the acquired rights or diversion, whichever is less. The 62.5% portion can be stored in Truckee River reservoirs. (62.5% is considered to represent the consumptive use portion of these water rights.)

Of the 7,600 acre-feet under TROA, 6,700 acre-feet are the "groundwater component" which is acquired in accordance with Section 1.E.4 of TROA.

Truckee River between Vista and Derby Dam: 1,500 acre-feet of water rights are acquired: The acquisition of these rights is assumed to increase Truckee River flow by 970 acre-feet or a proportionate share of diversion, whichever is less. The increased Truckee River flow is not stored in Truckee River reservoirs. It remains in the Truckee and flows to Pyramid Lake. (970 acre-feet are considered to represent the consumptive use portion of these water rights.)

Truckee Division of the Newlands Project: 10,300 acre-feet of water rights are acquired: When other Newlands Project rights are fully supplied (in accordance with OCAP), acquisition of these rights is assumed to increase Truckee River flow (available based upon water that would be left in Truckee at Derby) by 133% of the acquired rights or supply, whichever is less. The 133% portion can be stored in Truckee River reservoirs. (133% is considered to represent the head gate right plus Newlands Project system loss which, when taken together, represent the impact upon Truckee River flow associated with these rights.)

Water associated with acquired water rights can be stored whenever reservoir release can be reduced without impairing release for Enhanced Minimum flows or flood control operation, provided that the resulting change in Truckee River flows does not impair utilization of other Truckee River water rights and such changes in Truckee River flows are not adverse to the water quality objectives. (For the non-TROA alternatives, such storage accumulation may not impair the supply of flow necessary to meet Floriston Rates.)

Also, the water associated with acquired water rights can be exchanged into storage to the extent that water provided by such water rights can replace a release of federal project water that would otherwise have been made to support fish populations in the lower Truckee River.

Water quality storage is released to maintain June through September Truckee River flow in the reach of the Truckee from the discharge of the TMWRF (Reno/Sparks sewage treatment)

plant to Pyramid Lake. Target Truckee River flows are selected each of the four months based upon desired flows in the Truckee, upon Truckee River flow without release of water quality storage and upon the amount of storage that is available for use during the current season. The operation does not attempt to provide season to season carry-over of water quality storage but, such carry-over is provided in some years when it is not necessary to release all water in storage.

Target flows used to set release of water quality storage apply during the months of June through September and are 275 cfs for the Truckee River at Sparks and 135 cfs for the Truckee River between Derby Dam and Pyramid Lake.

**Truckee Meadows non-TMWA and non-Water Quality Demands**

Other than TMWA and water quality, there are substantial demands for Truckee River water from the reach between Farad and Derby Dam that currently exist and will exist in the future. These demands receive their water supply from water rights established in the Orr Ditch decree. The analyses treat these demands as irrigation demands and the demands are distributed through the season in accordance with a monthly irrigation schedule. These rights have the same basis as the Former Agricultural water rights acquired by TMWA and that will be acquired for water quality purposes. As M & I demand grows, the number of rights associated with other uses will decrease and the annual demand associated with these rights will also decrease. Demands and diversions associated with these rights are as follows:

		<u>Annual Demand</u>	<u>Average Annual Diversion</u>
Current Conditions	(ac-ft)	40,770	39,170
No Action and Local Water Supply Alternative	(ac-ft)	21,500	20,720
TROA	(ac-ft)	4,860	4,690

The change in water allocation characteristic is reflected in the above amounts. Both future analyses reflect the acquisition of water rights to supply M & I demand and to supply water for water quality purposes.

**Fernley M&I Demand and Storage**

For all alternatives except Current Conditions, Fernley M&I demand is set as 6,800 acre-feet per year. This demand is supplied using 6,800 acre-feet of water rights assumed to have been acquired and transferred from the Truckee Division. During normal water supply years, acquisition and transfer of these water rights results in a reduction in Truckee Division demand and consequent diversion from the Truckee River to serve the Newlands Project of 9,070 acre-feet.

Under TROA, it is assumed to be possible for Fernley to establish and use Credit Water storage. However, since the annual demand is equal to the water right acquisition, there is no

water available for establishment of Credit Water storage and, consequently, there is no Fernley M&I Credit Water storage operation in any of the alternatives.

**Newlands Project**

The Newlands Project (TCID) is subdivided into two divisions. The Truckee Division receives water directly from the Truckee Canal and, consequently, directly from the Truckee River. The Carson Division receives water from Lahontan Reservoir, which is filled by the Carson River and by diversion from the Truckee River through the Truckee Canal. Diversion through the Truckee Canal to supply Lahontan and the Carson Division is controlled by OCAP. The rules and regulations associated with OCAP are those established in 1997 and are not addressed herein.

Newlands Project demands differ between the current conditions and the future conditions analyses. Demands and supplies calculated for each analysis are as follows:

	Current Conditions Analysis (ac-ft)	No Action Analysis (ac-ft)	Local Water Supply Analysis (ac-ft)	TROA Analysis (ac-ft)
<u>Demands:</u>				
Truckee Division	18,520	0	0	0
Carson Division	275,720	268,870	268,870	268,870
<u>Average Annual Supply:</u>				
Truckee Division	18,070	0	0	0
Carson Division	269,410	260,720	260,610	260,690
<u>Average Annual Shortage:</u>				
Truckee Division	450	0	0	0
Carson Division	6,310	8,150	8,260	8,180

All future conditions analyses reduce the Newlands Project supplies (both in quantity and as a percent of demand) as compared to Current Conditions. This can be attributed to several factors. Some of the more significant factors are as follows:

- Assumed future acquisition of Newlands Project rights and the transfer of such rights to other uses reduce Newlands Project demand from Current Conditions, as shown by the above “Demands” item.
- California and Nevada water use in the Lake Tahoe basin increases with a consequent reduction in supply available to Truckee River water users.
- California water use from the Truckee basin below Lake Tahoe increases with a consequent reduction in supply available to Nevada.
- Utilization of Orr Ditch decree water rights (including Claim No. 1 and No. 2) increases with a consequent reduction in the proportionate supply to each water right.

- Utilization of reservoir storage in Independence and Donner Lakes increases with a consequent reduction in the amount of water available for direct diversion from the Truckee.

Water utilization indicated by the above list also varies between the non-TROA analysis and the TROA analysis. Such variations (as listed above) produce the relatively small (when compared to the change from Current Conditions) differences between supplies for the future non-TROA alternative studies.

**Lower Truckee River**

Between Derby Dam and Pyramid Lake, water is currently used for irrigation and in the future will also be used as an M&I supply. The future conditions analyses include both an M&I demand and a larger irrigation water demand than included in the Current Conditions analysis. The increased demand is based upon anticipated full utilization of Orr Ditch decree Claims No. 1 and No. 2. Other Orr Ditch Decree water rights also provide for diversion from the lower Truckee River. Assumed diversions from the lower Truckee for each analysis are as follows:

	Current Conditions Analysis (ac-ft)	No Action, LWSA and TROA Analysis (ac-ft)
Irrigation Diversion Demand	12,040	17,900
M&I Demand	None	16,380

**Lower Truckee River Fish, including Cui-ui and LCT, and Pyramid Lake**

For each analysis, management of flows in the lower Truckee River was based upon a set of monthly target flows. The monthly target flows were drawn from six flow regimes and a regime was selected each month based upon a water supply forecast or the flow regime used for the previous month.

The average annual inflow to Pyramid Lake for each alternative is as follows:

Current Conditions	496,720 acre-feet/year
No Action Future	489,580 acre-feet/year
Local Water Supply Future	488,650 acre-feet/year
TROA	500,710 acre-feet/year

Comparison of Current Conditions to TROA indicates that TROA provides additional inflow to Pyramid Lake of about 4,000 acre-feet per year. This is primarily due to the acquisition of water rights and the dedication of much of the yield from those rights to

uses that provide inflow to Pyramid Lake. In addition, acquisition of the rights causes a reduction of irrigation and consumptive use associated with irrigation.

Comparison of No Action and Local Water Supply Alternatives to TROA indicates that TROA provides additional inflow to Pyramid Lake of about 11,000 acre-feet per year. This is primarily due to the greater acquisition of water rights under TROA conditions. As indicated above, such water rights are dedicated to uses that provide inflow to Pyramid Lake. And, as indicated above, such acquisition of the rights causes a reduction of irrigation and consumptive use associated with irrigation.

Comparison of Current Conditions to No Action and Local Water Supply Alternatives indicates that non-TROA future conditions produce about a 7,000 acre-foot reduction in average inflow to Pyramid Lake. While the No Action and Local Water Supply alternatives involve the acquisition of water rights and the consequent reduction in irrigation and increase in water rights dedicated to provide inflow to Pyramid Lake, for these non-TROA future alternatives, the conditions that provide increases to Pyramid Lake inflow are not large enough to overcome the impact of greater Truckee Meadows consumptive use associated with future conditions.

Additional discussion of impacts upon lower Truckee flow is provided in the section “Truckee River Inflow to Pyramid Lake”.

### **Reservoir Storage and Release**

Reservoir storage and release are discussed together because things that impact one also impact the other. These comments are directed primarily to the probability curves for storage and release. The discussion also uses information contained in some of the storage and release tables that have been prepared for use in the EIS/EIR analysis

### **Lake Tahoe Storage and Release**

Storage-probability curves for the end of August indicate that generally the end of August Lake Tahoe storage changes only very modestly between analyses. There is a small tendency for TROA storage to be less than other alternatives and a somewhat greater tendency for Current Conditions storage to be greater than other alternatives. A primary reason that Current Conditions shows the greater storage is that Tahoe Basin water use is smaller than estimated future use. When TROA is compared to No Action and Local Water Supply storage, the storage of credit water under TROA tends to increase Lake Tahoe storage and the spring release of water in exchange for storage in Stampede Reservoir tends to reduce Lake Tahoe storage.

October-January flow probability curves indicate that TROA has generally lower Lake Tahoe release than do the other alternatives. Much of this difference occurs during October. November through January flows are much more similar. Under TROA during October, establishment of credit storage in Lake Tahoe results in lower release and, during October,

Floriston Rate demand is partially supplied by release from Stampede Reservoir. Such October release from Stampede results from previous (during the season) exchange of Lake Tahoe Floriston Rate storage into Stampede.

The flow probability tables show that the October 50% exceedence release from Tahoe for Current Conditions is 194 cfs and for TROA is 113 cfs. By January, the 50% exceedence release for Current Conditions is 196 cfs and the TROA release is 146 cfs.

The TROA alternative provides Enhanced Minimum release of 75 cfs about 20% of the time, with about 5% of the time being greater release with TROA.

February-March flow probability plots indicate that, under TROA, flows are maintained at 75 cfs about 10% more than they are under other alternatives. This results from the opportunity to make such additional release using credit in Lake Tahoe. (Such additional releases are made when the release can be matched by an accumulation of storage in another reservoir.) Under TROA, release drops below 50 cfs slightly more often. This results from a few dry year cases when storage in Lake Tahoe is less under TROA conditions.

The reduced dry year storage results primarily from two characteristics of operation under TROA.

1. One characteristic is the exchange of Floriston Rate storage from Lake Tahoe to Stampede and the associated increase in release from Lake Tahoe used to provide inflow to Pyramid Lake. Occasionally this extra release from Lake Tahoe coincides with a season when Floriston Rates are supplied from Lake Tahoe storage before being supplied from Boca storage and shortly thereafter Lake Tahoe drops so low that minimum release cannot be maintained. In such case, the Lake Tahoe the release (for exchange with Stampede storage) under TROA is greater than the corresponding non-TROA release. Thus, the TROA storage in Lake Tahoe is less than the non-TROA storage. That results in TROA release being restricted (by Tahoe elevation) before the non-TROA release is restricted by Tahoe elevation and the TROA release will be less than the non-TROA release.
2. The second characteristic of TROA operation is that occasionally, during the period when Lake Tahoe is the first reservoir used to supply Floriston Rates, the presence of credit storage in Lake Tahoe increase discharge capacity as compared to the non-TROA operation. That increased discharge capacity means that Tahoe release of Floriston Rate water is increased (as compared to the non-TROA operation) and consequently, the Tahoe Floriston Rate Water storage under TROA is reduced. When a subsequent month has enough inflow to reduce Floriston Rate Water demand on Lake Tahoe, the credit storage is released. Then, in subsequent months (as Lake Tahoe drops to its rim elevation) the storage is less than non-TROA storage and the release capacity is less than non-TROA release capacity.

April-July flow probability plots indicate the TROA operation will frequently provide greater release from Lake Tahoe than will other alternatives. This is primarily the result of credit water being release to support spawning of cui-ui, to supply 75 cfs, which is the Enhanced

Minimum release and to exchange Floriston Rate storage from Lake Tahoe into Stampede Reservoir. It may be noted that this release of credit water from Lake Tahoe and the exchange into Stampede Reservoir both support cui-ui spawning in the lower Truckee River and both reduce the necessity for large releases from Stampede Reservoir.

There is relatively little difference between the flow-probability plots for non-TROA operations.

August-September flow probability plots indicate that (i) about 10 to 15 percent of the time, TROA operation provides the Enhanced Minimum release of 75 cfs when non-TROA operation is providing only the 70 cfs Minimum release, (ii) during about 50% of the time, TROA has a lower release than non-TROA operation. This reduced release under TROA is primarily related to (i) reduction in release associated with establishment of Credit Water storage under TROA and (ii) reduced Tahoe release of Floriston Rate Water because, under TROA, this is the period when Stampede Reservoir begins releasing the Lake Tahoe Floriston Rate Water that was exchanged to Stampede Reservoir during the spring months.

### **Donner Lake Storage and Release**

Storage-probability curves for Donner Lake indicate that the non-TROA operation results in greater storage at the end of August than does TROA operation. This results from several factors. First under TROA, the minimum release requirements necessitate larger releases. Second under TROA, the opportunity and necessity to use Donner Lake water is larger than under non-TROA operation. And third, under TROA, the fall draw down of storage is planned with the objective of holding release through September to no more than the Preferred Release rate. The impact of this TROA operation criteria is illustrated by both the storage-probability curve and the August-September release probability curve.

However, it should be noted that when Current Conditions storages or other alternative storages calculated for the end of August are compared to storage recorded during recent years, the calculated storage is greater than recently observed storage. This occurs because, under present operation, there are few formal criteria for operation of Donner Lake and, in the calculations for this investigation, Donner Lake storage was maintained until a release was required. Consequently, the non-TROA storages reflected in the storage-probability curve probably are greater than would be expected from actual operation. Under TROA, the rules of TROA provide considerable direction for Donner Lake operation and, as a consequence, actual operation under TROA will, probably, more closely track the storages indicated by the storage-probability curve.

To illustrate the comparison of observed end of August storage to those summarized by the storage-probability curves, the following lists observed and calculated end of August storages during the ten years from 1991 through 2000.

End of August Donner Lake Storage

	Current		
	Observed (ac-ft)	Conditions (ac-ft)	TROA (ac-ft)
1991	6,270	7,600	7,500
1992	5,570	6,560	6,490
1993	8,880	9,060	8,910
1994	6,240	6,610	6,540
1995	8,320	9,410	9,240
1996	8,290	8,780	8,500
1997	8,580	8,920	8,310
1998	9,000	9,220	9,040
1999	8,490	9,450	8,970
2000	7,630	8,440	8,070

During these ten years, the Current Conditions storage averages 678 acre-feet more than the observed storage and the TROA storage averages 430 acre-feet more than the observed storage. In terms of lake elevation, Current Conditions lake elevation averages 0.77 feet higher than observed lake elevation and TROA lake elevation averages 0.51 feet higher than observed lake elevation.

October-January flow probability curves indicate that releases under TROA would tend to be greater than operation under the non-TROA conditions. This difference occurs primarily during the month of October. During October, the TROA operation releases water from Donner to provide an exchange that results in establishment of M&I Credit in other Truckee River Reservoirs. This establishment of M&I Credit is much less than under non-TROA operations.

February-March flow probability curves indicate that releases under all alternatives are the same.

Donner Lake release is essentially unregulated from mid-November through early April. Thus, release patterns calculated by these monthly operation analyses tend to under represent the variability of Donner Lake release during this period. However, there is no difference between analyses and so no bias is introduced by the operation calculations.

April-July flow probability curves indicate that about 35% of the time TROA operation provides more release from Donner Lake. This reflects the greater requirements for in stream flows used in TROA and occurs primarily during the months of June and July.

As would be expected from the above comparison of observed August Donner Lake storage to calculated Donner Lake storage, the ten year (1991-2000) average observed July release from Donner Lake is about 8.5 cfs greater than the average release calculated for Current Conditions. Similarly, the ten year (1991-2000) average observed July release is about seven cfs greater than the average calculated for TROA conditions.



August-September flow probability curves indicate that about 55 percent of the time, TROA releases are greater than the non-TROA releases. This primarily reflects the greater in stream flow requirements under TROA.

The low flow portion of the flow probability curves (exceedence probability greater than 50%) represents release during August and the high flow portion (exceedence probability less than 50%) represents release during September. The September release under TROA is almost always equal to the Preferred Release rate of 10 cfs. Under the non-TROA operations, the September release is greater because there is a greater amount of storage that must be released before early November (see the August storage-probability curves).

### **Prosser Creek Reservoir Storage and Release**

Storage-probability curves for the end of August show the greatest storage for TROA, the next greatest storage for No Action and Local Water Supply and the least storage for Current Conditions.

The reason that No Action and Local Water Supply alternatives have greater end of August storage than Current Conditions is related to the greater Newlands Project demand under Current Conditions. On average, the supply to Lahontan Reservoir under Current Conditions is about 9,000 acre-feet per year more than the supply for the other alternatives. This additional Newlands Project demand increases the demand for Prosser Creek stream flow and reduces the opportunity to store Prosser Creek water in Prosser Creek Reservoir.

The TROA storage is normally greater than calculated for other conditions. TROA storage is greater because it includes numerous categories of water storage in Prosser and because operation considers recreation objectives. The combination of storing credit waters and operation of Project Water to help achieve recreation objectives provides greater end of August storage than any other alternative. It may be noted that the TROA operation storage achieves the basic recreation objective of 19,000 acre-feet about 70% of the years.

October-January flow probability curves indicate that generally the release under TROA is slightly greater than under the other alternatives and that release under Current Conditions is slightly less than under other alternatives. This pattern reflects the greater August storage under TROA and the least August storage under Current Conditions. All Prosser storage above 9,800 acre-feet must be released by the end of October. Thus, to the extent an alternative has greater August storage, it is very likely that the September and October release will be greater.

February-March flow probability curves indicate that all alternatives provide similar release from Prosser. Current Conditions has a small tendency to have lower release, reflecting the tendency for carry-over storage to be less. Note the above discussion of the impact of Carson Division demand upon storage in Prosser Creek Reservoir.

April-July flow probability curves demonstrate four characteristics:

- (i) About 10 percent of the time and during low flow release periods, TROA provides greater release. These conditions occur during July when TROA release is set to supply the Enhanced Minimum.
- (ii) During 90 percent of the time, TROA release is less than that of other alternatives. This reflects the TROA operation to provide storage for lake-based recreation during the summer.
- (iii) Current Conditions release is greater than No Action and Local Water Supply and, during 90% of the time, is greater than TROA. This is the result of the greater Newlands Project demand requiring greater release of Prosser Creek inflow to the reservoir.

August-September flow probability curves indicate that about 95% of the time, TROA release is greater than calculated for the other alternatives. The five percent when non-TROA alternatives are greater occur during August when a Prosser release is used to supply the target inflow to Pyramid Lake. The 95% of the time when TROA release is greatest are associated with (i) releases made to supply Enhanced Minimum Release targets and (ii) September release necessary to empty the greater TROA storage by the time storage must be drawn down to 9,800 acre-feet (end of October for flood control purposes).

### **Independence Lake Storage and Release**

Storage-probability curves for the end of August indicate that generally Independence lake is lower under TROA operation than for other alternatives. This occurs primarily because, under TROA, releases are made to satisfy significantly greater in stream flow objectives and to release storage for re-storage as M&I Credit in a downstream reservoir. Storage is released for re-storage as M&I Credit in all alternatives, but under TROA, the California Guidelines encourage such release on pattern that is more beneficial for in stream flow purposes. Consequently, such release for re-storage tends to be greater during August under TROA conditions.

October-January flow probability shows all alternatives have similar release characteristics. The lowest flows tend to be slightly greater for TROA. This is due to TROA using greater Minimum Flow targets and, in some cases, to release of storage for re-storage as M&I Credit in a downstream reservoir.

February-March flow probability shows all alternatives have similar release characteristics. TROA release is sometimes greater due to either (i) greater minimum target release or (ii) early seasonal release during years when Independence will fill and early release of some water may help make the seasonal release pattern more uniform.

April-July flow probability curves show that all alternatives have similar release characteristics. TROA release is sometimes greater due to either (i) greater minimum target release or (ii) release of storage for re-storage as M&I Credit Water.

August-September flow probability curves show that about 30% of the time, TROA release is greater than the other alternatives and about 40% of the time TROA release is less than

the other alternatives. Under TROA, the August-September release is patterned after the California Guidelines and is more uniform than under the non-TROA analyses. Thus, there is a tendency for TROA August release to be greater and TROA September release to be less than the other alternatives.

### **Stampede Reservoir Storage and Release**

Storage-Probability curves for the end of August indicate that TROA provides greater storage than do the alternative operations. This is related to the substantial storage of credit and of Lake Tahoe Floriston Rate Water that was exchanged from Lake Tahoe during the preceding spring. Release of the Lake Tahoe Floriston Rate Water extends from August into October.

October-January flow probability curves indicate that TROA operation provides more frequent and more sustained release at the rate of the Enhanced Minimum Release (45 cfs). In addition to the release that provides the Enhanced Minimum Release, TROA operation provides greater release to supply Floriston Rate Water using the Lake Tahoe Floriston Rate Water that had been exchanged into Stampede and provides greater release (or spill) during October to pull the reservoir storage down to the flood control pool. TROA greater summer storage (as indicated by then August storage-probability curves) results in more years when reservoir storage must be released or spilled in order to provide the required flood control reservation in Stampede Reservoir.

February-March flow probability curves indicate that TROA operation provides greater release when it is near the Enhanced Minimum release target flow of 45 cfs. And about 60% of the time, when flows exceed the Enhanced Minimum, TROA release is less than the non-TROA release. This reduced release results from Establishment of Credit Water storage under TROA.

The flow probability curves do not indicate it but about five percent of the time, TROA release is greater than other alternatives. This high flow greater release results from greater spill that is produced by storage of Credit Water under TROA.

April-July flow probability curves indicate that TROA release differs from other alternatives due to (i) maintenance of 45 cfs Enhanced Minimum Release during about ten percent of the time and (ii) utilization of an exchange with Lake Tahoe Floriston Rate Water, which limits release to about 125 cfs (Preferred Release) about ten percent of the time.

As indicated for February-March, the flow probability curves do not indicate it but about five percent of the time, TROA release is greater than other alternatives. This high flow greater release results from greater spill that is produced by storage of Credit Water under TROA.

August-September flow probability curves indicate that TROA operation provides greater release than No Action and Local Water Supply alternatives throughout the flow range. The TROA release curve has a “flat spot” at 100 cfs when release is being limited to the Preferred Flow. The TROA release tendency to exceed other alternative’s release is primarily due to (i) operation to maintain the 45 cfs Enhanced Minimum Flow, (ii) operation to release Lake Tahoe

Floriston Rate Water that has been exchanged into Stampede Reservoir and (iii) operation to pull reservoir storage down to the flood control pool by the end of October. The Current Conditions release being greater than No Action and Local Water Supply releases results from operation to supply target Pyramid Lake inflows. Under No Action and Local Water Supply alternatives, the acquisition of Truckee Division Water rights and the transfer of such rights to Water Quality purposes provides water that can flow into Pyramid Lake (without intervening storage) during August and September. That reduces the demand on Stampede storage. In addition, the greater Newlands Project demand under Current Conditions slightly reduces the water that would otherwise flow to Pyramid Lake and that increases the demand on Stampede storage under the Current Conditions operation.

### **Boca Reservoir Storage**

Storage-probability curves for the end of August indicate that about 60 percent of the time TROA provides greater storage in Boca and about 20 percent of the time TROA provides less storage in Boca. The periods when end of August Boca storage is greater under TROA are periods when Credit Water storage is maintained through the end of August. Periods when end of August Boca storage is less are periods when release of Tahoe-Prosser Exchange storage is delayed in order to maintain recreation storage levels in Prosser Reservoir. During such periods, the demand on Boca's Floriston Rate Water storage will be increased and, consequently, the end of August Boca storage will be reduced.

There are no in stream flow objectives that apply specifically to Boca Reservoir. Therefore, no release probability curves were prepared.

### **Truckee River at Sparks and at Vista**

Some operation characteristics can be demonstrated by reviewing these two sets of flow-probability curves together.

October-January flow-probability curves for Sparks show a significant difference between Current Conditions and either No Action or Local Water Supply flows while those for Vista show a much smaller difference. The general characteristic of greater flow for Current Conditions is related to the lower demand associated with Current Conditions and with the reduction in Truckee River flow that occurs when Water Quality Credit Water is established (for the No Action and Local Water Supply alternatives).

The significant difference at Sparks reflects the substantial M & I diversion that will occur when M & I demand reaches 119,000 ac-ft per year (both No Action and Local Water Supply alternatives). All of the M & I demand is upstream from Sparks. The return flows from the M & I service area enter the Truckee between Sparks and Vista. When TMWA demand reaches 119,000 ac-ft per year, the October-January return flows through the TMWRF sewage treatment facility will exceed those flows associated with Current Conditions. Thus, the reduced diversion above Sparks produces relatively more Sparks flow under Current Conditions and the

increased TMWRF discharge to the Truckee under No Action and Local Water Supply alternatives contributes flow to Vista that makes the Current Conditions, No Action and Local Water Supply alternative flows much more equal.

TROA operation produces generally lower flows at both Sparks and Vista. This is primarily related to the accumulation of Credit Water storage in the Truckee River reservoirs during October through January. Under TROA, there is greater establishment of Credit Water storage (TMWA M&I, Fish, Fernley M&I and Water Quality) than the No Action and Local Water Supply establishment, which is limited to Water Quality Credit in Prosser and Stampede reservoirs only.

February-March flow probability curves for lower flows differ from one another in a pattern that is similar to the difference pattern for October-January. However, about forty percent of the time at higher flows TROA has greater flow than the other alternatives. The reasons for the differences during the lower flows between operations are essentially the same as the reasons presented for October-January flows. TROA flows are greater during higher flows because TROA generally has greater storage in reservoirs and such greater storage results in reservoir more reservoir spill during high runoff periods.

April-July flow probability curves show relations of the alternatives that are similar to those shown in February and March. The No Action and Local Water Supply alternatives tend to have less flow than the Current Conditions due to the lower diversion under Current Conditions. In the high flow portion of the curves, TROA tends to have greater flow than the other alternatives due to greater reservoir spill.

August-September flow probability curves for both Sparks and Vista have essentially the following characteristics:

1. The ability to supply the Water Quality objective flow (275 cfs at Sparks) is greatest for TROA and least for Current Conditions.
2. About forty percent of the time, Current Conditions provides about 25 cfs less than the Water Quality objective flow. This occurs because there is no Water Quality Credit storage under Current Conditions and so Truckee flow is the flow that results from operations that have no water quality objective.
3. About 50% of the time, all alternatives provide Truckee flow that is greater than the Water Quality objective flow (275 cfs at Sparks). During these periods, TROA flows tend to be the least, due to TROA's greater ability to establish Credit Water storage (and thus reduce Truckee River flow). During these periods, Current Conditions flows tend to be the greatest, to a considerable extent, because there is no Credit Water storage establishment for the Current Conditions analysis.

## Truckee River Inflow to Pyramid Lake

Operations for fishery purposes in the lower Truckee are based upon six sets of target (monthly) inflows to Pyramid Lake. The set (regime) with the greatest target inflows is intended to provide good fishery biological conditions throughout the year and the set (regime) with the lowest target inflows is intended to only provide some maintenance of biological activity but be much less than required for maintenance of a desirable fish habitat. (Note biological characterization of flows and flow regimes is Sierra Hydrotech's and may not be one that would be used by fishery biologists.)

October-January flow probability curves for the Truckee River at Nixon have characteristics that are similar to those of the Truckee at Vista. Except for wet months (that occur less than 15% of the time), TROA flows are generally less than or equal to those of other alternatives and during the lowest flow months (about 30% of the time), all alternatives have similar flows. The maximum target inflow during October through January is 160 cfs. As the flow probability plots indicate, all alternatives have essentially the same flow versus probability relationship for Pyramid inflows in the range between zero and 160 cfs.

When Pyramid inflow is between about 160 cfs and 700 cfs, TROA is likely to have lower inflow than other alternatives. This occurs because, when there is an opportunity to establish Credit Water storage and exercise of that opportunity will not impair the Pyramid inflow (as set by the target inflow) then TROA operation will normally use that opportunity to establish Credit Water storage.

The following tabulation indicates the probability that months during October through January have Pyramid Lake inflow that equals or exceeds the target flows associated with Regimes one through five. These five flow regimes provide flows that are greater than the minimum required just to provide maintenance of biological activity in the lower Truckee River.

	Percent of Time Regime Target Flow Provided
<u>Current Conditions</u>	
Regime No. 1	73
Regime No. 3 or Better	78
Regime No. 5 or Better	87
<u>No Action</u>	
Regime No. 1	74
Regime No. 3 or Better	78
Regime No. 5 or Better	87

<u>Local Water Supply</u>	
Regime No. 1	74
Regime No. 3 or Better	78
Regime No. 5 or Better	86

<u>TROA</u>	
Regime No. 1	72
Regime No. 3 or Better	76
Regime No. 5 or Better	86

February-March flow probability curves are nearly the same for all three operations. TROA operation provides slightly more water under low flow conditions because TROA has a larger supply with which to supplement other flows. TROA operation provides slightly less water under mid-range flow conditions because TROA has more opportunity to store surplus Truckee flow. And, when flows are high, TROA operation will experience greater reservoir spill, as discussed above for Sparks and Vista, and consequently tends to provide greater Pyramid inflow than other alternatives.

April-July flow probability curves are nearly the same for all alternatives. TROA tends to provide slightly more inflow during extreme low flows because the TROA alternative tends to have more water available from reservoir storage. Also, TROA tends to have greater inflow during high flow periods because of the greater reservoir spill under TROA conditions. It might be noted that at almost every Pyramid inflow target, there tends to be a step in the flow-probability plots.

August-September flow probability curves indicate that the Current Conditions alternative has a tendency to have lower inflow to Pyramid Lake than do the other alternatives.

As the “steps” in the flow probability curves indicate, much of the August-September operation is controlled by the target flow criteria. There is about a 10 % chance that Current Conditions will have greater inflow than other alternatives. This is due to the smaller ability to hold water in storage under Current Conditions.

It might be noted that the “steps” occurring at flows equal to about 250 cfs for Current Conditions and about 270 cfs for the other alternatives do not correspond to target flow criteria. These flows result from other operation criteria associated with the alternatives and with the water development assumptions associated with the alternatives.

# **Exhibit 16**

## **Truckee River Operations Model**

### **Selected TROA Operations**



## SELECTED TROA OPERATIONS

A computer simulation of Truckee River operations over a 100-year period is used in the revised TROA DEIS/EIR to compare potential hydrologic differences among the No Action Alternative (No Action), Local Water Supply Alternative (LWSA), and TROA Alternative (TROA). Because of the complexity and interrelationship of numerous operational provisions in TROA, it is difficult to track specific operations through the large data set generated by the Truckee River Operations Model (model). To assist the reader in interpreting the simulation, ten major operational provisions of TROA are illustrated using selected portions of the model data set to highlight key aspects that are too intricate to be discussed in Chapter 3. Because of the technical nature of this appendix, the overview of TROA and the other two alternatives in Chapter 2 should be read before proceeding with this appendix. Referenced sections as well as terms unique to the draft Agreement are presented in Appendix \_\_\_\_.

Operational provisions discussed herein are:

- 1) Release of Water Quality Credit Water to meet water quality flow targets
- 2) Flow in the Truckee River downstream from Derby Dam
- 3) Exchange of Fish Water, Fish Credit Water and Joint Program Fish Credit Water into Independence Lake
- 4) Establishment of Power Company M&I Credit Water storage
- 5) Establishment of credit water through retention of Fish Credit Water in storage
- 6) Establishment of Fish Credit Water by waiver of single purpose hydroelectric diversion
- 7) Exchange of credit water from Boca Reservoir to Stampede Reservoir by retaining water in Stampede Reservoir
- 8) Exchange involving Donner Lake storage and Joint Program Fish Credit Water
- 9) Exchange of Lake Tahoe Floriston Rate Water to regulate reservoir release
- 10) Diversion and bypass associated with hydroelectric power plant diversion dams

## 1) Release of Water Quality Credit Water to Meet Water Quality Flow Targets

In the model, Water Quality Credit Water (WQCW) is released from storage during June through September to maintain a flow of 275 cfs in the Truckee River at Sparks or to maintain a river inflow to Pyramid Lake of 135 cfs. When WQCW is insufficient to meet these targets, the model gradually reduces releases to mimic the pattern of natural flow. The following example compares flows with and without the release of WQCW from Stampede Reservoir and illustrates the gradual release of WQCW from June through August, when storage is exhausted.

June through August simulated flow and release data used in the following example were selected for hydrologic conditions corresponding to analysis year #31. Data from September are not presented because no WQCW remains in storage after August.

Example: Flow Targets and June-August Release of Water Quality Credit Water	WQ Target (cfs)	Flow (cfs)		
		June	July	August
No WQCW in Storage				
1 Total Stampede Release		78	166	148
2 Truckee River at Farad		239	225	209
3 Truckee River at Sparks	275	52	75	58
4 Truckee River Inflow to Pyramid Lake	135	44	59	54
WQCW in Storage				
5 Stampede Release of WQCW		223	131	56
6 Total Stampede Release		301	297	204
7 Truckee River at Farad Flow		461	356	266
8 Truckee River at Sparks Flow	275	275	206	115
9 Truckee River Inflow to Pyramid Lake	135	266	190	110

Line 5 reveals that the release of WQCW decreases from 223 cfs in June to 56 cfs in August. As a result, the 275 cfs target at Sparks is achieved only in June, while releases in July are reduced to 131 cfs in an effort to save some WQCW for release during the following month. During August, the release of WQCW is only 56 cfs (the remaining amount in storage) and the resulting Sparks flow is 115 cfs. The target of 135 cfs for inflow to Pyramid Lake is maintained through July, but by August, the inflow to Pyramid Lake drops to 110 cfs.

## 2) Flow in the Truckee River Downstream from Derby Dam

Truckee River water is diverted at Derby Dam through the Truckee Canal to serve Newlands Project irrigation water rights and M&I demand in the Fernley community, while water is passed through the dam (a) to serve Orr Ditch water rights between Derby Dam and Pyramid Lake and (b) for the benefit of Pyramid Lake fishes in the lower river and lake system.

The following example illustrates the relation among flow and diversions at Derby Dam, flow in the lower river, and inflow targets for Pyramid Lake. Inflow targets to Pyramid Lake are prescribed by flow regime selection criteria for the lower Truckee River (*See Biological Resources in Chapter 3*). Simulated flow data used in this example were associated with hydrologic conditions corresponding to those of analysis year #28.

Example: Lower Truckee River Flow	Average Flow (cfs)			
	February	March	April	May
1 River flow at Derby Dam	250	1818	951	877
2 Diversion from River to Truckee Canal	130	15	0	40
3 Diversion from Truckee Canal to Fernley	6	6	9	11
4 Flow passed to lower Truckee River at Derby Dam	114	1797	942	826
5 Inflow to Pyramid Lake	125	1817	945	800
6 Pyramid Lake Inflow targets	120	220	490	800

During February-April, tributary and groundwater accretion to the lower Truckee River increases river flow so that inflow to Pyramid Lake is slightly greater than the bypass through Derby Dam. During May, consumptive use by irrigation and M&I between Derby Dam and Pyramid Lake reduces inflow to Pyramid Lake to less than that released from Derby Dam.

Comparing Pyramid Lake inflow targets (line 6) to simulated inflows (line 5) indicates that all inflow targets are met or exceeded from February through May. In this example, the May Pyramid Lake inflow target is achieved by releasing Fish Water and Fish Credit Water at a rate of 311 cfs from upstream reservoirs.

### 3) Exchange of Fish Water, Fish Credit Water and Joint Program Fish Credit Water into Independence Lake

According to Section 5.B.7(h), Joint Program Fish Credit Water (JPFCW), Fish Credit Water (FCW), and Fish Water (FW) must be exchanged into Independence Lake, if requested by California Department of Fish and Game (CDFG) during certain conditions, to maintain fish passage into the reach of Independence Creek that enters Independence Lake. The following example illustrates such exchanges using simulated hydrologic data corresponding to the hydrologic conditions of analysis year #31, a year of less than normal runoff.

<b>Example: Fish Water and Joint Program Fish Credit Water exchanged into Independence Lake</b>	Units	Jul	Aug	Sep	Oct	Nov
<b>Fish Water Exchange Operation</b>						
1 Share of Ind. Lake Evap. Loss	ac-ft	0	1	7	2	1
2 Exchange into Ind. Lake	ac-ft	0	313	0	0	0
3 Release to Stampede after exchange	ac-ft	0	0	62	111	129
4 FW in Ind. Lake	ac-ft	0	312	243	130	0
<b>JPFCW Exchange Operation</b>						
5 Share of Ind. Lake Evap. Loss	ac-ft	0	81	59	19	5
6 Exchange into Ind. Lake	ac-ft	2,394	370	0	0	0
7 Release to Stampede after exchange	ac-ft	0	0	533	1,102	965
8 JPFCW in Ind. Lake	ac-ft	2,394	2,683	2,091	970	0
<b>Fish Water and JPFCW Combined Operation</b>						
Exchange into Ind. Lake	ac-ft	2,394	683	0	0	0
Release to Stampede after exchange	ac-ft	0	0	595	1,213	1,094
<b>Independence Lake Operation With Exchange</b>						
Storage	ac-ft	10,994	10,498	9,835	8,583	7,500
Lake Elev.	ft	6,939.61	6,938.83	6,937.79	6,935.78	6,933.99
Total Release	ac-ft	4,145	258	653	1,254	1,181
	cfs	67	4	11	20	20

Several characteristics of this operation are as follows:

1. During July, there is adequate JPFCW in Stampede Reservoir to accommodate the exchange. However, during August, JPFCW is insufficient and there is no FCW in storage, so FW is used to supplement the exchange.
2. From September through November, FW and JPFCW are released from Independence Lake and re-stored in Stampede Reservoir.

Lines 11 through 14 indicate the total storage and total release from Independence Lake during each month. End of August storage in Independence Lake is 10,498 acre-feet, essentially equal to the storage target of 10,500 acre-feet identified in Section 5.B.7(h)(2). Except for the release during July to supply Power Company's M&I demand, the releases are between the 2 cfs minimum (Regime #2 in Section 9.C.6(a)) and CDFG recommended flows (10 cfs during August/September and 20 cfs during October/November; See Table FLOW 3-1 in Chapter 3).

Following are additional characteristics of this operation:

1. The total amount of credit water exchanged into Independence by the end of August is 3,077 acre-feet; after evaporation loss, the total is reduced to 2,995 acre-feet. Though the exchange of 3,077 acre-feet appears to be in violation of Section 5.B.7(h)(3) that limits such exchanges to 3,000 acre-feet, evaporation loss kept the operation within the limit.
2. The release of FW and JPFCW from Independence Lake is not completed until the end of November. This violates Section 5.B.7(h)(4), which requires that all such exchange water be discharged by November 1. However, Section 9.F provides opportunities under certain conditions to adjust operations to comply with California Guidelines. The model is programmed to “make the judgment” under such conditions to relax the deadline so that releases from Independence do not exceed the preferred flow (20 cfs).

#### 4) Establishment of Power Company M&I Credit Water Storage

Power Company M&I Credit Water (PCMICW) may be established (a term used in the draft Agreement to mean the initial collection of credit water in storage) in accordance with Sections 7.A.3 (changed diversion rights) and 7.B.2 (Privately Owned Stored Water; POSW). The following example illustrates the establishment of PCMICW with three procedures: (1) retaining Floriston Rate Water (FRW) associated with changed diversion rights; (2) exchanging the release of POSW from one reservoir for the retention of water in another reservoir; and (3) re-storing the release of POSW from one reservoir in a downstream reservoir. This example uses simulated reservoir operation and water right data under conditions corresponding to September of analysis year #29.

<b>Example: Power Company M&amp;I Credit Water Establishment By Exchange and Use of Changed Diversion Rights</b>	Units	Lake Tahoe (PCMICW)	Donner Lake (POSW)	Ind. Lake (POSW)	Stampede Res. (PCMICW)	Boca Res. (PCMICW)
1 Beginning-of-month storage	ac-ft	10	7,490	15,950	40,170	0
2 Releases without establishment of PCMICW <sup>1</sup>	cfs	270	6.6	2.0	110	211
3 Changed diversion rights available for establishing PCMICW	ac-ft	0	0	0	832	560
4 Consumptive use <sup>2</sup> portion of available changed diversion rights	ac-ft	0	0	0	520	350
5 Change in release in order to establish PCMICW	cfs	-3.5	+3.5	+6.9	-8.7	-5.9
6 Release with establishment of PCMICW <sup>1</sup>	cfs	266.5	10.1	8.9	101.3	196.4
7 End-of-month storage <sup>3</sup>	ac-ft	220	6,670	15,270	40,900	350
8 Target release range	cfs	75-150	5-10	2-10	45-100	----

<sup>1</sup>Total release of all classifications of water from storage, not just those noted in the column headings, are used to achieve Floriston rates.

<sup>2</sup>Only the consumptive use of any changed diversion rights may be used to establish credit water, based on the assumption that any non-consumptive diversion would return to the river and be available to supply other water rights. The DEIS/EIR analysis assumes that 62.5% of a water right (that historically supplied an irrigation diversion with return flow to the Truckee River upstream of Derby Dam) represents its consumptive use portion. Thus, for 832 acre-feet of changed diversion rights listed under Stampede and 560 acre-feet under Boca, the consumptive use portion is calculated as 520 and 350 acre-feet, respectively.

<sup>3</sup> Allocation of reservoir losses to classifications of water and storage is not presented in this table. An apparent mismatch in a storage balance does not indicate an error. Rather, it reflects the impact of reservoir losses.

Following is a description of simulated operations associated with the above table:

Donner Lake and Lake Tahoe: PCMICW is established in Lake Tahoe by exchanging POSW in Donner Lake with FRW scheduled to be released from Lake Tahoe. POSW released for this exchange (3.5 cfs) is used to achieve Floriston Rates, while FRW scheduled to be released from Lake Tahoe is reduced by 3.5 cfs, which amount is retained as PCMICW. The amount of water necessary for Floriston Rates is not changed. Also, stream flow in Donner Creek is enhanced – CDFG recommended flow is 10 cfs (see Table FLOW3-1).

Independence Lake: POSW is released from Independence Lake to enhance stream flow and establish PCMICW in Stampede Reservoir. Without this additional release, flow in Independence Creek would only achieve the minimum requirement of 2 cfs; with an increase of 6.9 cfs, the total flow is near the 10 cfs recommended by CDFG (See Table FLOW3-1). This release is then captured in Stampede Reservoir and stored as PCMICW.

Stampede Reservoir: Without establishment of PCMICW in Stampede Reservoir with changed diversion rights, Stampede Reservoir release would have been 110 cfs. With Sierra Pacific exercises its rights to 832 acre-feet of changed diversion rights, Stampede release is reduced by 8.7 cfs and 520 acre-feet of PCMICW are established in Stampede.

Boca Reservoir: Sierra Pacific owns 560 acre-feet of changed diversion rights that it could use to establish 350 acre-feet of PCMICW in Boca Reservoir. Such establishment would reduce scheduled releases from Boca Reservoir by 5.9 cfs. When combined with the reduced inflow from Stampede Reservoir (8.7 cfs) that would have been passed through Boca Reservoir to achieve Floriston Rates, the release from Boca Reservoir is reduced from 211 cfs to 196.4 cfs. [Note: The 350 acre-feet of Boca PCMICW could have been established in Stampede Reservoir by reducing the scheduled release even more; however, this would have reduced Stampede release below the 100 cfs preferred release (See Table FLOW 3-1). Since Boca was in no danger of spilling, PCMICW was stored in Boca to maintain the Stampede release.

## 5) Establishment of Credit Water through Retention of Fish Credit Water in Storage

Section 7.A.3(a)(3) provides that certain credit water categories may be established with the consumptive use portion of changed diversion rights for an equal amount of FW or Fish Credit Water (FCW). The rationale is that the amounts of FW and FCW that would be scheduled for release may be reduced by an amount equal to the water supplied by changed diversion rights that remains in the Truckee River and is allowed to flow to Pyramid Lake without diversion. In essence, the release that would otherwise be scheduled and released may be reduced in exchange for an equal amount of water that flows into Pyramid Lake.

- The following example illustrates such establishment using simulated release and storage data under conditions corresponding to a month when the target inflow to Pyramid Lake is 300 cfs and FCW must be released from Lake Tahoe in order to achieve that target.

<b>Example: Water Quality Credit Water (WQCW) Establishment Through Retention of Fish Credit Water (FCW)</b>	<b>Units</b>	<b>Quantity</b>
1 Changed diversion rights available to establish WQCW	ac-ft	1,550
2 Consumptive use portion of changed diversion rights <sup>1</sup>	ac-ft	970
3 Target Inflow to Pyramid Lake	cfs	300
4 Pyramid Inflow provided by other than FW, FCW and WQ rights	cfs	89
5 FCW or FW release from other reservoirs or to satisfy other criteria	cfs	130
6 Streamflow equivalent to consumptive use portion of WQ rights (line #2)	cfs	16
7 FCW Tahoe release required if consumptive use portion diverted from Truckee River <sup>2</sup> (#3 – [#4 + #5])	cfs	81
8 FCW Tahoe release required if consumptive use portion stays in Truckee River (#3 – [#4 + #5 + #6])	cfs	65
9 Reduction in release attributable to consumptive use portion of WQ changed diversion rights (#7 – #8)	cfs	16
10 Rate for WQCW establishment based upon reduction in FCW release	cfs	16
11 FCW in Lake Tahoe at beginning of month	ac-ft	5,100
12 Total monthly reduction in FCW for FCW release (65 cfs, line # 8)	ac-ft	3,990
13 Total monthly reduction in FCW for WQCW Establishment (16 cfs, line # 10)		
14 FCW in Lake Tahoe at end of month (#11 – [#12 + #13])	ac-ft	140
15 WQCW in Lake Tahoe at beginning of month	ac-ft	6,170
16 Total monthly establishment of WQCW (16 cfs, line #10)	ac-ft	970
17 WQCW in Lake Tahoe at end of month (#15 + #16)	ac-ft	7,140

<sup>1</sup> Consumptive use portion of Changed Diversion Rights was explained under Example No. 4.

<sup>2</sup> Release of FCW from Lake Tahoe does not contribute to the Minimum Release requirement (Section 9.C.2(a)).



Following is an explanation of the logic and analysis associated with each line of the example:

Lines 1 and 2: These two lines describe the Truckee River water supply associated with changed diversion rights that have been allocated for water quality purposes. The consumptive use portion on line 2 is the monthly amount of water that may be used to establish WQCW. In this example, WQCW is established in Lake Tahoe.

Lines 3, 4, 5, and 6: These lines list target inflow to Pyramid Lake and certain supplies that contribute to providing that inflow. The 16 cfs in line #6 is water that flows in the Truckee River only because the water rights have been dedicated to water quality purposes; when such water is left in the Truckee River, it flows to Pyramid Lake.

○ Lines 7, 8, 9, and 10: These lines identify the water quality water that may be exchanged to establish WQCW in Lake Tahoe. Line 7 shows that, if the water quality water right supply were to be removed from the river, an 81 cfs release of FCW from Lake Tahoe would be made in order to supply the 300 cfs target inflow to Pyramid Lake ( $\#7 = \#3 - [\#4 + \#5] = 81$  cfs). Line 8 shows that, when the water quality water right supply remains in the river (where it provides inflow to Pyramid Lake), a 65 cfs release of FCW from Lake Tahoe would be made in order to supply the 300 cfs target inflow to Pyramid lake ( $\#8 = \#3 - [\#4 + \#5 + \#6] = 65$  cfs). Line 9 shows that when the water associated with water quality rights remains in the river, the reduction in required release of FCW from Lake Tahoe is equal to 16 cfs ( $\#9 = \#7 - \#8 = 16$  cfs), which is equivalent to the consumptive use portion of WQ changed diversion rights (expressed in acre-feet on line 2 or as a release rate on line 6). Line 10 indicates that, because the reduction in required release of FCW from Lake Tahoe (line 9) is the same as the supply of inflow to Pyramid Lake provided by the water quality water rights (lines 2 and 6) and because the 65 cfs release of FCW from Lake Tahoe exceeds the 16 cfs attributable to WQ changed diversion rights in line 9, the 16 cfs may be exchanged to establish WQCW in Lake Tahoe.

○ Lines 11, 12, 13 and 14 (storage in acre-feet): These lines list the month's storage accounting for FCW in Lake Tahoe. Line 11 shows the beginning of month amount of FCW in Lake Tahoe. Line 12 shows the total monthly release of FCW from Lake Tahoe, based upon the 65 cfs release on line 8. Line 13 shows the total monthly exchange from FCW to WQCW in Lake Tahoe, based upon the rate of WQCW establishment shown on line 10. Line 14 shows the end of month amount of FCW in Lake Tahoe ( $\#14 = \#11 - \#12 - \#13 = 140$  acre-feet).

○ Lines 15, 16 and 17: These lines list the month's storage accounting for WQCW in Lake Tahoe. Line 15 shows the beginning of month amount of WQCW in Lake Tahoe. Line 16 shows the total monthly establishment of WQCW in Lake Tahoe, based upon the rate of WQCW establishment shown on line 10. Line 17 shows the end of month amount of WQCW in Lake Tahoe ( $\#17 = \#15 + \#16 = 7,140$  acre-feet).

**6) Establishment of Fish Credit Water By Waiver of Single Purpose Hydroelectric Diversion**

Section 7.C.1 allows FCW to be established by retaining in storage FRW scheduled to be released solely to generate hydroelectric power pursuant to Claim Nos. 5 through 9 of the Orr Ditch decree. Under certain circumstances, up to one-half of this FCW would be designated as JPFCW (see Section 7.C.6). The following example illustrates such establishment using simulated release, credit establishment and streamflow data for December through February of analysis year #28.

<b>Example: Establishing Fish Credit Water and Joint Program Fish Credit Water Using Waiver of Single Purpose Hydroelectric Water</b>	Average Flow (cfs)		
	December	January	February
<b>1 Release of FRW from Lake Tahoe</b>			
FRW Release Without FCW/JPFCW establishment	100	151	158
FRW Release With FCW/JPFCW establishment	75	75	75
<b>2 Rate of establishment of FCW/JPFCW in Lake Tahoe</b>			
FCW	24	38	64
JPFCW	1	38	19
FCW and JPFCW combined	25	76	83
<b>3 Rate of establishment of FCW/JPFCW in all reservoirs</b>	165	134	90
<b>4 Pyramid inflow with establishment of FCW/JPFCW</b>	284	252	125
<b>5 Pyramid Lake target inflow</b>	120	120	120
<b>6 Flow at Farad without establishment FCW/JPFCW</b>	382	352	319
<b>7 Flow at Farad with establishment of FCW/JPFCW</b>	217	218	229
<b>8 Floriston Rates (targets)</b>	389	350	350

Following are the main considerations that control establishment of FCW and JPFCW in Lake Tahoe during these three months:

- Establishment of credit water in Lake Tahoe does not cause Lake Tahoe releases to drop below the enhanced minimum release of 75 cfs, which creates 25 cfs during December, 76 cfs during January, and 83 cfs during February.
- Establishment of FCW and JPFCW in all reservoirs does not cause the inflow to Pyramid Lake to drop below the target inflow of 120 cfs. Note that only February is limited by this restriction (February Pyramid inflow of 125 cfs approximates the target of 120 cfs). (The model recognizes actual operation will seldom match flow targets, so many of its calculations use a succession of calculations to approach the objective. After successive attempts, the model accepts a calculation that falls within an acceptable range, provided that Pyramid inflow is equal to or greater than the target inflow.)

- Establishment of FCW and JPFCW is based on Truckee River flow at Farad required to achieve Floriston Rates. Lines 6 through 8 list flows at Farad without establishment of FCW and JPFCW (line 6), flows with the establishment of such credit waters (line 7), and the Floriston Rate targets for each month (line 8). During December, the Floriston Rate drops from 400 cfs to 350 cfs (resulting in an average rate of 389 cfs for December) reflecting the drop in Lake Tahoe elevation below 6226.0 feet in December. During December and February, other types of credit water are being established which causes flows at Farad to drop by 7 cfs ( $389 - 382 = 7$ ) in December and 31 cfs in February. (Also, during January the Farad flow (352 cfs) exceeds Floriston Rates (350 cfs) because there is spill of WQCW, which does not count as part of Floriston Rate supply.)
- The opportunity to establish FCW during these months is indicated by line 3. This line shows the sum of FCW and JPFCW established in Lake Tahoe during each of the months. Although JPFCW is entitled (Section 7.C.6(b) ) to one-half of the total monthly establishment, JPFCW is allocated its full share (equal to one-half of establishment) only during January. During December, allocation to JPFCW is limited by the total annual establishment of JPFCW. During February, two considerations limit the allocation to JPFCW: total storage of JPFCW is approaching the limit of 20,000 acre-feet (Section 7.C.6(c)) and Prosser, Stampede and Boca reservoirs are nearly full, suggesting that spills may occur in the upcoming months and it would be prudent to hold off establishing JPFCW until after the spill season. In recognition of these factors, the model uses an evaluation procedure to limit establishment of JPFCW during February.

**7) Exchange of Credit Water from Boca Reservoir to Stampede Reservoir by Retaining Water in Stampede Reservoir**

Section 8.K.2(a) allows storage to be exchanged between two reservoirs by retaining water in storage in an upstream reservoir that would otherwise have been released or passed-through from the upstream reservoir and accumulated in a downstream reservoir. The following example (four tables) illustrates such an exchange of credit water from Boca Reservoir (the downstream reservoir) to Stampede Reservoir (the upstream reservoir) using simulated reservoir operation data under conditions corresponding to January of analysis year #80.

Storage amounts in Stampede and Boca reservoirs, before the exchange, are listed in the following tabulation.

**Example: Initial Conditions During January Prior to the Exchange between Stampede and Boca**

<u>Stampede Reservoir</u>		
1	Maximum Storage (Flood control limit)	ac-ft 204,500
2	Start-of-Month Total Storage	ac-ft 156,340
3	Fish Credit Water	ac-ft 310
4	Power Company M&I Credit Water	ac-ft 41,460
5	California M&I Credit Water	ac-ft 0
6	Joint Program Fish Credit Water	ac-ft 30
7	Water Quality Credit Water	ac-ft 10,030
<u>Boca Reservoir</u>		
8	Maximum Storage (Flood control limit)	ac-ft 32,900
9	Start-of-Month Total Storage	ac-ft 19,380
10	Fish Credit Water	ac-ft 0
11	Power Company M&I Credit Water	ac-ft 3,900
12	California M&I Credit Water	ac-ft 0
13	Joint Program Fish Credit Water	ac-ft 0
14	Water Quality Credit Water	ac-ft 280
<u>Truckee River (excluding Little Truckee River water)</u>		
15	Farad Discharge	ac-ft 47,850
	Farad Flow	cfs 780
16	Diversion to Truckee Canal	0

Power Company M&I Credit Water (line 4) in Stampede has been adjusted for reservoir loss calculated for the month. Line 15 is the Truckee River flow at Farad (expressed both in acre-feet and cfs) if there is no discharge from the Little Truckee River (i.e. no release from Boca Reservoir). Line 16 is the required diversion to the Truckee Canal to supply the Newlands Project. Since (a) the Newlands Project requires no pass-through from either Stampede or Boca reservoirs and (b) flow at Farad already exceeds Floriston Rates (which increase from 300 cfs to 400 cfs during the month), the two reservoirs can store all inflow as project water.

The next table (with lines 17 through 27) lists Stampede and Boca reservoir operations during January that would occur with no exchange of credit water.

Based upon the priority for storage of Boca Project Water, the credit waters stored in Boca Reservoir must make room for storing all inflow to Boca Reservoir. By removing credit water from the reservoir, Boca Reservoir can fill to 32,900 acre-feet (flood control storage limit) with Boca Project Water. Inflow to Stampede is 24,800 acre-feet (line 17), of which 14,330 acre-feet may not be stored and must pass through (line 19).

**Example Continued: Stampede and Boca Operation Without Exchange**

<u>Stampede Reservoir</u>		
17 Stampede Reservoir Inflow	ac-ft	24,800
18 Stampede Reservoir loss	ac-ft	230
19 Stampede Release/Pass-Through	ac-ft	14,330
20 Stampede end-of-month storage	ac-ft	166,580
<u>Boca Reservoir</u>		
21 Boca Reservoir Inflow from local basin	ac-ft	3,460
22 Boca Reservoir Total Inflow	ac-ft	17,790
23 Boca Reservoir Loss	ac-ft	90
24 Boca end-of-month storage	ac-ft	32,900
<u>Boca Reservoir Spill</u>		
25 Total Spill	ac-ft	4,180
26 Power Company M&I Credit Water Spill	ac-ft	3,900
27 Water Quality Credit Water Spill	ac-ft	280

With the Stampede pass-through of 14,330 acre-feet and the Boca local basin inflow of 3,480 acre-feet (line 21), Boca Reservoir will fill to its limit of 32,900 acre-feet and spill 4,180 acre-feet (line 25), all of which would be credit water, as indicated on lines 11, 14, 26, and 27.

When Stampede passes through 14,330 acre-feet (line 19), the end-of-month Stampede storage is 166,580 acre-feet (line 20). If instead the Stampede pass-through is reduced by 4,180 acre-feet to 10,150 acre-feet and the 4,180 acre-feet of credit in Boca is transferred to Boca Project Water, the spill of credit water from Boca would be avoided. The Stampede portion of the exchange is as follows:

**Example Continued: Stampede Operation and Exchange With Boca**

<u>Stampede Reservoir Operation</u>			
28	Stampede Reservoir Inflow	ac-ft	24,800
29	Stampede Reservoir loss	ac-ft	230
30	Stampede Reservoir Pass-Through	ac-ft	10,150
31	Stampede end-of-month storage	ac-ft	170,760
32	Exchanged Power Company M&I Credit Water from Boca	ac-ft	3,900
33	End-of-Month Power Company M&I Credit Water in Stampede	ac-ft	45,360
34	Exchanged Water Quality Credit Water from Boca	ac-ft	280
35	End-of-Month Water Quality Credit Water in Stampede	ac-ft	10,310
<u>Boca Reservoir Operation</u>			
36	Boca Reservoir Inflow from local basin	ac-ft	3,460
37	Boca Reservoir Total Inflow	ac-ft	13,610
38	Boca Reservoir Loss	ac-ft	90
39	Boca end-of-month storage	ac-ft	32,900
40	Boca Reservoir Spill	ac-ft	0
41	Power Company M&I Credit Water Exchanged to Boca Project Water	ac-ft	3,900
42	End-of-Month Power Company M&I Credit Water in Boca	ac-ft	0
43	Water Quality Credit Water Exchanged to Boca Project Water	ac-ft	280
44	End-of-Month Water Quality Credit Water in Boca	ac-ft	0

With exchange of credit water in Boca to Boca Project Water, Stampede pass-through (line 30) is 4,180 acre-feet less than line 19 and, correspondingly, Boca total inflow (line 37) is 4,180 acre-feet less than line 22. This reduced inflow avoids spill from Boca (line 40).

The reduction in Stampede pass-through of 4,180 acre-feet is matched by the assignment to PCMICW and WQCW in Stampede of 4,180 acre-feet from Stampede inflow water (lines 32 and 34) that would have passed through Stampede Reservoir (line 19). The reduction in Boca inflow of 4,180 acre-feet is matched by the assignment to Boca Project Water of Boca water that would have spilled (lines 41 and 43).

## 8) Exchange Involving Donner Lake Storage and Joint Program Fish Credit Water

Under certain conditions, Section 8.Q.1 allows Sierra Pacific's POSW in Donner Lake to be exchanged with JPFCW. The following example illustrates this provision during a dry August that corresponds to hydrologic conditions (analysis year #90). This example presents data describing Sierra Pacific's demand, water supplies other than Donner Lake, impact upon Donner Lake if used to supply Sierra Pacific demand, and then, the example presents data to describe the use of a Section 8.Q.1-based exchange to supply Sierra Pacific demand while maintaining storage in Donner Lake. Data for this example are presented in three tables.

The first table lists M&I water demand by Sierra Pacific's customers and available water supply from Sierra Pacific's sources other than POSW and PCMICW.

Sierra Pacific's monthly M&I demand is 15,290 acre-feet (line 1). Groundwater pumping will supply 4,660 acre-feet (line 2) and Orr Ditch decree surface water rights will supply 6,000 acre-feet (line 6), for a total of 10,660 acre-feet. This leaves 4,630 acre-feet of M&I demand that cannot be supplied by the normal sources (line 7). During a dry year, it is anticipated that special water conservation actions would reduce demand by 1,070 acre-feet (line 8), leaving 3,560 acre-feet to be supplied (line 9).

### Example: Sierra Pacific M&I Demand and Water Supply During A Dry August

1 M&I Demand - - Normal Year	ac-ft 15,290
<u>Supplies</u>	
2 Groundwater Pumping	ac-ft 4,660
Orr Ditch Decree Rights	
3 Hunter Creek Rights	ac-ft 220
4 40 cfs M&I Rights	ac-ft 2,430
5 Former Irrigation Rights	ac-ft 3,350
6 Subtotal of Supplies	ac-ft 10,660
7 Demand Not Supplied (#1 – #6)	ac-ft 4,630
8 Dry Year Conservation Reduction in Demand	ac-ft 1,070
9 Demand Not Supplied After Adjustment for Conservation (#7 – #8)	ac-ft 3,560

Section 7.B.3 requires that the next water supply upon which Sierra Pacific calls (after using supplies in the above tabulation) is its POSW. The next table illustrates an operation of Donner Lake that will supply Donner Lake POSW to Sierra Pacific and the use of other POSW supplies.

Lines 10 through 16 show Donner Lake operation with no exchange of JPFCW for POSW.

**Example Continued: Sierra Pacific Use of POSW to Help Supply Demand During Dry August**

<u>Donner Lake Operation Without Exchange</u>		
10 Start-of-Month Donner Lake Storage	ac-ft	8,038
11 Inflow	ac-ft	180
12 Evaporation Loss	ac-ft	470
13 Release of non-Sierra Pacific water	ac-ft	184
14 Release of Sierra Pacific POSW	ac-ft	596
15 End-of-Month Storage	ac-ft	6,968
16 End-of-Month Lake Elevation	feet	5,932.8
17 Independence Lake POSW Release	ac-ft	2,757
18 Boca Reservoir POSW Release	ac-ft	207
19 Total Release of POSW	ac-ft	3,560

This release of water from Donner Lake is supplemented by release of POSW from Independence Lake and Boca Reservoir (lines 17 and 18). [Note: POSW in Boca Reservoir was accumulated during earlier months when water was released from Donner Lake to achieve the enhanced minimum.] The total release of POSW from Donner Lake, Independence Lake and Boca Reservoir is 3,560 acre-feet (line 19) and this supplies the water for M&I demand (line 9).

JPFCW stored in Stampede and Boca Reservoirs is about 5,900 acre-feet and 210 acre-feet, respectively. In accordance with Section 8.Q.1, this water may be exchanged into Donner Lake to reduce the Donner Lake release and maintain more water in Donner Lake. The model calculation of such exchange is summarized in the next table.

The model calculates an exchange of 299 acre-feet from Stampede Reservoir (line 20) and 172 acre-feet from Boca Reservoir to Donner Lake (line 21). These exchanges are matched by exchanging equal amounts of Donner Lake POSW to Stampede and Boca Reservoirs. The total amount of water exchanged into and out of Donner Lake is 471 acre-feet (line 22).



**Example Continued: JPFCW Exchange to Minimize Donner Lake Release During a Dry August**

<u>Exchange With Joint Program Fish Water</u>	Unit	Quantity
20 Stampede Exchange of JPFCW to Sierra Pacific POSW	ac-ft	299
21 Boca Exchange of JPFCW to Sierra Pacific POSW	ac-ft	172
22 Donner Exchange of Sierra Pacific POSW to JPFCW	ac-ft	471
 <u>Donner Lake Operation Using JPFCW Exchange</u>		
23 Start-of-Month Donner Lake Storage	ac-ft	8,038
24 Inflow	ac-ft	180
25 Evaporation Loss	ac-ft	471
26 Release of non-Sierra Pacific water	ac-ft	184
27 Release of Sierra Pacific POSW	ac-ft	125
28 Total Donner Release	ac-ft	309
29	cfs	5
30 End-of-Month Storage	ac-ft	7,438
31 End-of-Month Lake Elevation	ft	5,933.37
 <u>Other Release of POSW</u>		
32 Independence Lake POSW Release	ac-ft	2,757
33 Stampede Reservoir POSW Release	ac-ft	299
34 Boca Reservoir POSW Release	ac-ft	379
35 Total Release of POSW	ac-ft	3,560

The resulting operation of Donner Lake is shown on lines 23 through 31. The exchange results in reducing the Donner Lake release to 309 acre-feet (line 28) or 5 cfs (line 29) and final Donner Lake storage of 7,438 acre-feet (line 30). Line 31 shows the end-of-month lake elevation corresponding to the storage of 7,438 acre-feet.

Donner Lake release of 5 cfs (line 29) is the enhanced minimum release target for Donner Lake. This limits the amount of exchange between JPFCW and Donner Lake POSW calculated for this particular month, i.e., a greater exchange would necessitate a smaller release.

The water exchanged into Stampede and Boca reservoirs is then released to serve the Sierra Pacific demand. Thus, release of POSW listed on lines 17 and 18 is supplemented by release of exchanged water listed on lines 20 and 21. The resulting releases of POSW from Independence Lake, Stampede Reservoir and Boca Reservoir are listed on lines 32, 33 and 34. Line 35 lists the total calculated release of POSW (line 27 + 32 + 33 + 34). The total release (line 35) matches the total release listed on line 19 and is sufficient to supply the Sierra Pacific demand (line 9).

## 9) Exchange of Lake Tahoe Floriston Rate Water to Regulate Reservoir Release

Section 8.S authorizes exchanges that will enhance stream flow in the Truckee River immediately downstream from Lake Tahoe or replace a portion of a high release from Stampede Reservoir that would otherwise be required to achieve target flows in the lower Truckee River. It provides that FRW stored in Lake Tahoe may be released in exchange for equal amounts of JPFCW, FCW, and FW stored in Stampede Reservoir; that is, FRW would be released from Lake Tahoe and flow as JPFCW, FCW or FW and an equal amount of these waters in Stampede Reservoir would be reclassified as Project Water In Another Reservoir dedicated to support Floriston Rate flows. The following example is based on operations during analysis year #25.

The first example presents a summary of Lake Tahoe and Stampede operations during April through October. Two detailed tables then illustrate operations for June, September, and October.

### Example: Section 8.S Operation (Table 1 of 3)

	Flow (cfs)						
	Apr	May	Jun	Jul	Aug	Sept	Oct
Lake Tahoe Total Release	75	75	199	171	75	75	83
Section 8.S Portion of Release	70	70	160	0	0	0	0
Fish Credit Portion of Release	5	5	39	0	0	0	0
FRW Exchanged into Stampede	70	70	160	0	0	0	0
Stampede Total Release	195	63	125	45	42	77	171
Release of FRW	0	0	0	0	0	77	146
Exchange (to Credit) of FRW	0	0	0	0	0	74	0
Total Reduction in FRW	0	0	0	0	0	151	146

April and May: The Lake Tahoe management objective during April and May is primarily to achieve a minimum release of 70 cfs and secondarily an enhanced minimum release of 75 cfs. If not for Section 8.S, 70 cfs would be released from Lake Tahoe in exchange for water stored in Prosser Creek Reservoir and this 70 cfs would be added to the Tahoe-Prosser Exchange storage account in Prosser Creek Reservoir. Section 8.S changes the operation so that the 70 cfs is exchanged for FW in Stampede Reservoir and is added to Lake Tahoe FRW (Project Water in Another Reservoir) account in Stampede Reservoir. In addition to the 70 cfs released and exchanged in accordance with Section 8.S, 5 cfs of FCW is released from Lake Tahoe, providing a total release from Lake Tahoe of 75 cfs.

June: The Lake Tahoe release is 160 cfs in accordance with Section 8.S to help reduce the magnitude of FW and FCW release from Stampede Reservoir. The following tables illustrate this operation for three scenarios

**Example: June Section 8.S Operation (Table 2 of 3)**

Scenario 1: Operation That Would Not Achieve Pyramid Lake Inflow Targets

	Flow (cfs)
Lake Tahoe Release without Section 8.S	39
Section 8.S release	31
Total Tahoe release	70
Stampede release	30
Inflow to Pyramid Lake	176
Pyramid Lake inflow target	400
Target shortfall	224

Scenario 1 -- June releases and flows are listed for the condition when all mandatory operation objectives are satisfied except the 400 cfs target inflow to Pyramid Lake. Release from Lake Tahoe is 70 cfs (minimum release) of which 31 cfs is provided in accordance with Section 8.S (as discussed above for April and May). Release from Stampede is 30 cfs, the required minimum. With these releases, the inflow to Pyramid Lake would be 176 cfs, which is less than the target inflow to Pyramid Lake. To achieve a Pyramid Lake inflow of 400 cfs, it would be necessary to release another 224 cfs, as indicated by the “Target shortfall” line.

Scenario 2: Use of Stampede Water To Achieve Pyramid Lake Inflow Target

	Flow (cfs)
Lake Tahoe Release without Section 8.S	39
Section 8.S release	31
Total Tahoe release	70
Stampede release	254
Inflow to Pyramid Lake	400
Pyramid Lake inflow target	400
Preferred Stampede release	125
Amount release exceeds preferred	129

Scenario 2 – This illustrates an operation that increases Stampede release to achieve the target inflow to Pyramid Lake. The 224 cfs Pyramid target shortfall shown in Scenario 1 is eliminated by increasing Stampede Reservoir release from 30 cfs to 254 cfs. The preferred June release from Stampede Reservoir is 125 cfs, however, and the Stampede release of 254 cfs exceeds preferred release by 129 cfs.

Scenario 3: Using Section 8.S Exchange To Achieve Pyramid Lake Inflow Target

	Flow (cfs)
Lake Tahoe Release without Section 8.S	39
Section 8.S release	160
Total Tahoe release	199
Stampede release	125
Inflow to Pyramid Lake	400
Pyramid Lake inflow target	400

Scenario 3 – Lake Tahoe release is increased 129 cfs and Stampede release is reduced 129 cfs. This increases the Section 8.S release from Lake Tahoe to 160 cfs (31cfs as for the first two scenarios plus 129 cfs to keep Stampede release from exceeding the 125 cfs Preferred Release). The total Lake Tahoe release of 199 cfs is less than CDFG’s recommended 300 cfs (See Table FLOW-3).

The resulting operation of Lake Tahoe and Stampede provides an accumulation in Stampede Reservoir of Lake Tahoe FRW at 160 cfs during June.

September and October: During September and October, it is necessary for Lake Tahoe to release FRW in order to supply Floriston Rates. Application of Section 8.S , which resulted in Lake Tahoe FRW being stored in Stampede, provides for the required release of FRW being available from Stampede Reservoir.

To illustrate September and October Section 8.S operation, the following tabulation highlights Lake Tahoe release, Stampede release and exchange of Floriston Rate storage during September and October from Table 1 above.

**Example: Section 8.S Operation Release of Lake Tahoe Floriston Rate Water (Table 3 of 3)**

	Flow (cfs)	
	September	October
Lake Tahoe Release of FRW	75	83
Stampede Release Release of FRW	77	146
Exchange (to Credit) of Floriston Rate Storage	74	0
Total Reduction in Floriston Rate Storage	151	146

Primary considerations that controlled September and October FRW release and credit establishment (based upon exchange with FRW) calculations by the model are as follows:

- Lake Tahoe release should supply at least the Enhanced Minimum Release of 75 cfs.
- Lake Tahoe FRW stored in Stampede Reservoir should be released by November 1 (Section 8.S.5).
- Release of FRW should be as uniform as possible during September and October.

With these considerations, the model schedules release of FRW from Stampede Reservoir at 151 cfs during September and 146 cfs during October. A scheduled release of FRW from Stampede, however, is subject to being allocated to establishment of credit water in Stampede, in this instance 74 cfs. This reduces the September Stampede release to 77 cfs. In this example, there is no credit establishment based upon the October release from Stampede and the October release of FRW from Stampede remains at 146 cfs.

## 10) Diversion and Bypass Associated With Hydro-Power Plant Diversion Dams

Section 9.E requires that hydropower plant diversion facilities bypass certain flows. The following example presents Truckee River flow, diversion and bypass for each diversion facility using model calculations corresponding to hydrologic conditions during July and August of analysis year #27 and January through March of analysis year #30.

### Example: Operation, Diversion and Bypass for Truckee River Hydropower Plants

		Flow (cfs)					
		Diversion	Jul	Aug	Jan	Feb	Mar
		Right					
<u>Truckee River at Farad Gage</u>							
1	Total Truckee River Flow		527	511	319	291	461
2	Fish Water		0	63	55	0	94
<u>Farad Power Plant Diversion</u>							
3	Total Truckee River Flow		527	511	319	291	461
4	Bypassed Fish Water		0	47	50	0	94
5	Total Diversion Bypass		150	150	150	291	150
6	Diversion to Hydropower Plant	400	400	361	169	0	309
<u>Fleish Power Plant Diversion</u>							
7	Total Truckee River Flow		522	506	335	304	469
8	Bypassed Fish Water		0	47	50	0	94
9	Total Diversion Bypass		195	179	100	50	144
10	Diversion to Hydropower Plant	327	327	327	235	254	325
<u>Verdi Power Plant Diversion</u>							
11	Total Truckee River Flow		522	506	346	313	474
12	Bypassed Fish Water		0	47	50	0	94
13	Total Diversion Bypass		123	107	100	50	144
14	Diversion to Hydropower Plant	399	399	399	246	263	330
<u>Washoe Power Plant Diversion</u>							
15	Total Truckee River Flow		473	458	330	293	451
16	Bypassed Fish Water		0	47	50	0	94
17	Total Diversion Bypass		77	97	100	50	144
18	Diversion to Hydropower Plant	396	396	361	230	243	307

Lines 1 shows the total flow at Farad and line 2 the portion of such water that is FW released from storage. [Note: FW may be a pass-through at times and not a release from storage; such pass-through is not included in line 2.] When the FW release (line 2) is subtracted from the Farad Flow (line 1), the resulting flow is greater than Floriston Rates in July and March and less than Floriston Rates in August, January, and February.

Lines 3, 4, 5 and 6 show the diversion to Farad powerplant. In all months except February, the bypass flow is 150 cfs (the minimum Farad bypass used in the revised TROA DEIS/EIR operation studies). During February, all flow is bypassed because a diversion of 141 cfs that would occur with a bypass of 150 cfs ( $291-150 = 141$ ) is too small for the powerplant to operate. The model calculates diversion only for power generation. In actual operation for the above condition, there would be a small Farad diversion for flume maintenance. Such diversion is limited by Section 9.E.1(a) to no more than 5 cfs when flows are as used in this example.

Lines 7, 8, 9, and 10 show the diversion to Fleish powerplant. The July and August diversions (line 10) are set as the plant diversion right of 327 cfs and all remaining Truckee flow is bypassed. The August FW release of 47 cfs has no impact upon the bypass because the diversion right is satisfied by FRW. During January, bypass flow is the sum of 50 cfs provided by FW release and the minimum bypass of 50 cfs in accordance with Section 9.E.2(b)(1). During February, when no FW is released, only 50 cfs of FRW release is bypassed because the Farad flow is less than Floriston Rates. During March, the Farad flow (minus FW) is greater than Floriston Rates and, in accordance with Section 9.E.2(a), all 94 cfs of FW release is bypassed. When FW is added to the minimum bypass of 50 cfs, the total March bypass is 144 cfs.

Lines 11, 12, 13, and 14 show the diversion to Verdi powerplant. Verdi plant bypass and diversion amounts are the same as those applied to Fleish power plant.

Lines 15, 16, 17 and 18 show the diversion to Washoe powerplant. Except for August, the Washoe powerplant bypass and diversion amounts are the same as those applied to Fleish power plant. In August, the 47 cfs of FW is added to the 50 cfs minimum bypass, and the combined bypass of 97 cfs limits the Washoe powerplant diversion to 361 cfs.