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1996 Klamath Basin Field Data

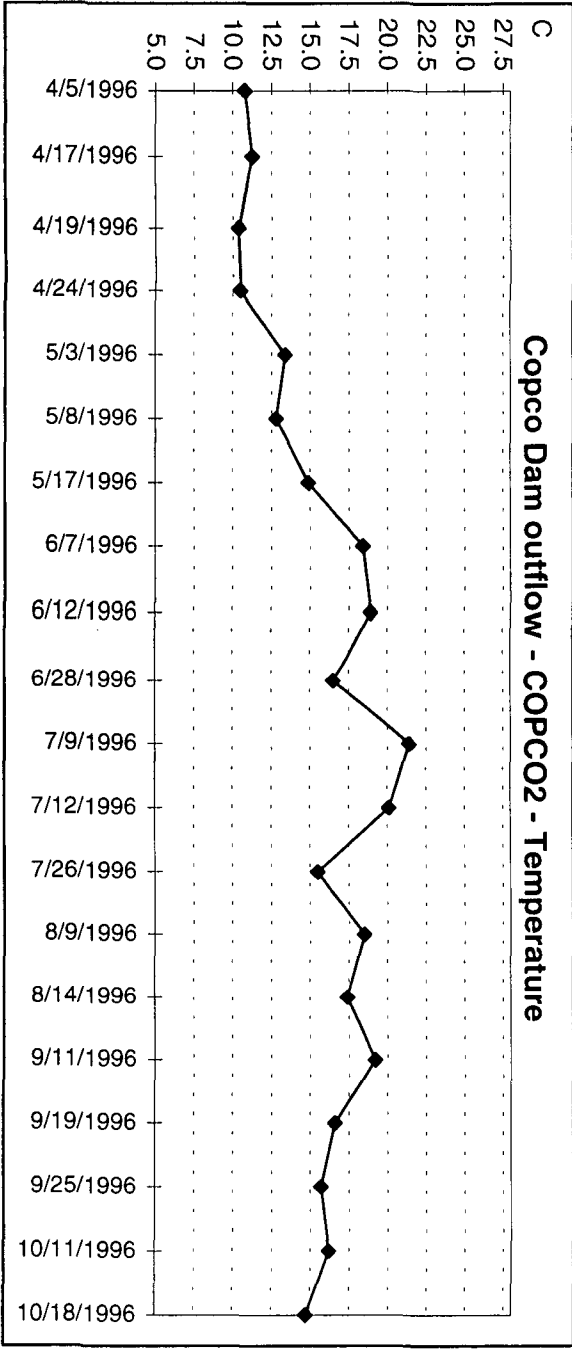
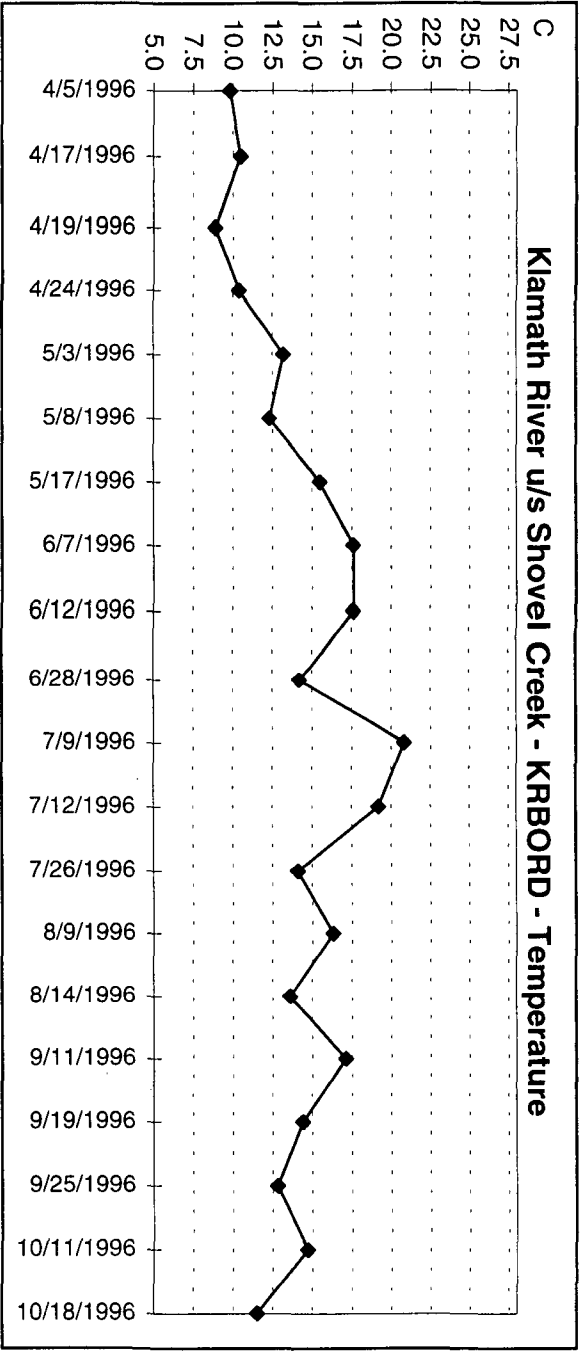
2002 303(d) List Update
 Reference # 82

Project:	Date:	Time:	Site Acronym:	Location:	C Temp:	pH:	mg/L DO:	umhos Cond:	pKa:	J:	mg/L Union NH3:	mg/L NH3-N:	mg/L NH3-D:	mg/L NO3-D:	mg/L TKN-T:	mg/L TKN-D:	mg/L P-T:	mg/L P-D:	mg/L COD:	mg/L BOD:	mg/L TSS:	mg/L TDS:	mg/L Na:	mg/L Cl:	mg/L SO4:	umhos Cond lab:	ug/L Chr A:
	4/3/1996	10:07	KRDSBVCr	Klamath River d/s Beaver Creek	11.4	8.3	10.8	218	9.684	0.040																	
	4/3/1996	10:51	KRDSSCTR	Klamath River d/s Scott River	10.9	8.3	11.0	192	9.701	0.038																	
	4/3/1996	11:52	KRDSELCr	Klamath River d/s Elk Creek	11.3	8.2	11.2	168	9.687	0.032																	
	4/3/1996	13:09	KRDSIKESF	Klamath River at Ikes Falls	10.8	8.2	12.4	129	9.704	0.030																	
	4/5/1996	10:12	IGRO	Iron Gate Dam outflow	10.8	8.3	10.3	202	9.704	0.038																	
	4/5/1996	10:32	KRUSCOTCr	Klamath River u/s Cottonwood Creek	10.9	8.4	10.6	204	9.701	0.048																	
	4/5/1996	11:00	KRDSSHR	Klamath River d/s Shasta River	11.1	8.4	10.2	216	9.694	0.048																	
	4/5/1996	11:15	KRDSBVCr	Klamath River d/s Beaver Creek	11.0	8.4	9.8	228	9.698	0.048																	
	4/5/1996	12:45	KRDSSCTR	Klamath River d/s Scott River	11.3	8.4	10.5	209	9.687	0.049																	
	4/5/1996	13:40	KRDSELCr	Klamath River d/s Elk Creek	11.8	8.5	10.4	183	9.671	0.063																	
	4/5/1996	15:07	KRDSIKESF	Klamath River at Ikes Falls	11.3	8.2	10.6	142	9.687	0.032																	
	4/5/1996	8:20	KRBORD	Klamath River u/s Shovel Creek	9.8	8.4	9.5	226	9.739	0.044																	
	4/5/1996	9:26	COPCO2	Copco Dam outflow	10.8	7.0	9.4	221	9.704	0.002																	
	4/17/1996	10:40	KRBORD	Klamath River u/s Shovel Creek	10.5	8.3	9.8	208	9.714	0.037	0.0089	0.240	0.170	0.210	1.250	0.689	0.0997	0.1770	35.0	2.5	16.0	282					
	4/17/1996	12:00	COPCO2	Copco Dam outflow	11.3	8.2	10.1	188	9.687	0.032	0.0044	0.140	0.220	0.040	0.650	0.540	0.1300	0.0900	13.0	3.0	12.0	157	18.00	6.84	17.10	209	24.0
	4/17/1996	n/a	TLAG2	#2 AG DRAIN							0.290	0.250	5.240	0.660	0.610	0.3600	0.3500	3.5	3.0	13.0	369						
	4/17/1996	n/a	TLAG4	#4 AG DRAIN							0.370	0.290	25.700	1.840	1.810	0.7500	0.6600	23.0	3.0	20.0	499						
	4/18/1996	10:30	KRDSBVCr	Klamath River d/s Beaver Creek	5.4	8.3	10.6	224	9.891	0.025																	
	4/18/1996	11:00	KRDSSCTR	Klamath River d/s Scott River	9.9	8.5	11.1	208	9.735	0.055																	
	4/18/1996	12:20	KRDSELCr	Klamath River d/s Elk Creek	9.7	8.5	11.4	195	9.742	0.054																	
	4/18/1996	13:30	KRDSIKESF	Klamath River at Ikes Falls	9.9	8.3	12.4	145	9.735	0.035																	
	4/19/1996	10:04	IGRO	Iron Gate Dam outflow	7.1	8.2	10.8	205	9.831	0.023																	
	4/19/1996	10:25	KRUSCOTCr	Klamath River u/s Cottonwood Creek	9.2	8.2	10.4	205	9.759	0.027																	
	4/19/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	10.3	8.2	10.4	214	9.721	0.029																	
	4/19/1996	8:45	KRBORD	Klamath River u/s Shovel Creek	8.9	8.4	10.8	222	9.769	0.041																	
	4/19/1996	9:40	COPCO2	Copco Dam outflow	10.4	8.2	10.2	192	9.718	0.029																	
	4/24/1996	9:50	JCBORD	J Canal at stateline				432			0.100	0.100	0.677	1.250	0.689	0.0997	0.1770	35.0	2.5	16.0	282						
	4/24/1996	10:15	LRBORD	Lost River at stateline				322			0.100	0.100	0.593	1.200	0.790	0.0761	0.1390	26.0	2.5	25.0	214						
	4/24/1996	10:30	TLP3	Tule Lake Pump 3 (in)				877			0.574	0.389	2.610	3.390	1.660	0.2180	0.1950	67.0	10.0	95.0	444						
	4/24/1996	10:45	TLPD	Tule Lake Pump D (out)				336			0.100	0.100	0.050	6.010	1.820	0.3320	0.0600	147.0	18.0	1370.0	604						
	4/24/1996	12:45	KSD	Klamath Straits Drain at stateline				920			0.100	0.100	0.050	4.310	1.980	0.2740	0.0679	129.0	10.0	156.0	641						
	4/24/1996	9:50	SHRA12	Shasta River at A-12	11.5	8.6	8.4	395	9.681	0.077	0.0077	0.100	0.100	0.219	0.972	0.471	0.0617	0.1240	10.0	2.5	23.0	336	19.40	11.30	528		
	4/24/1996	10:15	SHRMGR	Shasta River at Mont Gren Road	12.0	8.7	9.8	435	9.664	0.098	0.0098	0.100	0.100	0.165	0.875	0.642	0.1140	0.1270	30.0	2.5	0.2	368	24.00	10.70	574		
	4/24/1996	10:40	SHRHWS5	Shasta River d/s Hwy 5	12.0	8.7	9.8	430	9.664	0.098	0.0098	0.100	0.100	0.202	0.805	0.716	0.1120	0.1280	39.0	2.5	15.0	359	23.70	12.80	553		
	4/24/1996	11:10	SHRM	Shasta River at mouth	12.0	8.9	10.2	375	9.664	0.147	0.0147	0.100	0.100	0.257	0.672	0.472	0.1360	0.1450	24.0	2.5	18.0	299	18.30	13.10	499		
	4/24/1996	12:00	IGRO	Iron Gate Dam outflow	11.1	8.1	10.6	195	9.694	0.025	0.0025	0.100	0.100	0.285	0.910	0.656	0.0702	0.0775	46.0	2.5	9.0	145	15.10	3.87	17.90	181	5.0
	4/24/1996	12:35	KRUSCOTCr	Klamath River u/s Cottonwood Creek	11.9	8.2	10.7	199	9.667	0.033	0.0033	0.100	0.100	0.306	0.882	0.529	0.0533	0.0808	37.0	2.5	18.0	165	7.70	3.90	17.80	185	10.0
	4/24/1996	13:35	KRDSSHR	Klamath River d/s Shasta River	11.8	8.1	10.2	209	9.671	0.026	0.0026	0.100	0.100	0.301	0.829	0.630	0.0518	0.0808	32.0	2.5	27.0	156	15.30	4.25	17.40	196	10.0
	4/24/1996	10:00	KRBORD	Klamath River u/s Shovel Creek	10.4	8.3	10.5	234	9.718	0.037	0.0037	0.100	0.100	0.206	1.150	0.703	0.0250	0.0769	28.0	2.5	18.0	151	20.20	4.66	27.90	219	20.0
	4/24/1996	11:20	COPCO2	Copco Dam outflow	10.5	8.1	10.1	209	9.714	0.024	0.0024	0.100	0.100	0.269	0.999	0.628	0.0735	0.0765	34.0	2.5	14.0	159	17.80	4.29	20.60	192	10.0
	4/24/1996	15:30	KRDSBVCr	Klamath River d/s Beaver Creek	11.9	8.3	10.7	211	9.667	0.041	0.0041	0.100	0.100	0.288	0.924	0.588	0.0526	0.1090	28.0	2.5	24.0	144	1.43	4.29	15.70	195	5.0
	4/24/1996	14:43	KRDSSCTR	Klamath River d/s Scott River	10.0	8.2	11.1	150	9.731	0.029	0.0029	0.100	0.100	0.218	0.572	0.402	0.0580	0.0250	30.0	2.5	55.0	110	1.54	2.70	8.51	141	5.0
	4/24/1996	13:23	KRDSELCr	Klamath River d/s Elk Creek	10.2	8.0	11.0	132	9.725	0.019	0.0019	0.100	0.100	0.179	0.344	0.379	0.0250	0.0250	10.0	2.5	28.0	103	5.46	2.22	6.25	122	5.0
	4/24/1996	12:00	KRDSIKESF	Klamath River at Ikes Falls	9.2	7.4	12.7	79	9.759	0.004	0.0004	0.100	0.100	0.111	0.546	0.214	0.0250	0.0531	25.0	2.5	74.0	67	2.61	1.59	5.42	76	5.0
	4/24/1996	n/a	KRWEITCH	Klamath River at Weitchpec							0.100	0.100	0.248	0.799	0.477	0.0654	0.1210	32.0	2.5	19.0	326	2.96	18.20	13.10	483	10.0	
	5/3/1996	8:50	KRBORD	Klamath River u/s Shovel Creek	13.2	8.4	9.2	192	9.624	0.056																	
	5/3/1996	9:45	COPCO2	Copco Dam outflow	13.4	8.3	9.9	185	9.617	0.046																	
	5/8/1996	9:20	KRBORD	Klamath River u/s Shovel Creek	12.3	8.2	10.1	216	9.654	0.034	0.0143	0.420	0.160	0.190	0.830	0.680	0.1600	0.1600	18.0	3.0	13.0	184	20.00	4.42	21.40	204	5.0
	5/8/1996	10:40	COPCO2	Copco Dam outflow	12.8	8.1	9.9	196	9.637	0.028	0.0040	0.140	0.120	0.110	0.760	0.600	0.3500	0.2600	12.0	1.5	4.0	143	18.00	3.94	18.50	165	11.0
	5/8/1996	15:40	SHRA12	Shasta River at A-12	15.8	8.4	10.8	451	9.538	0.																	

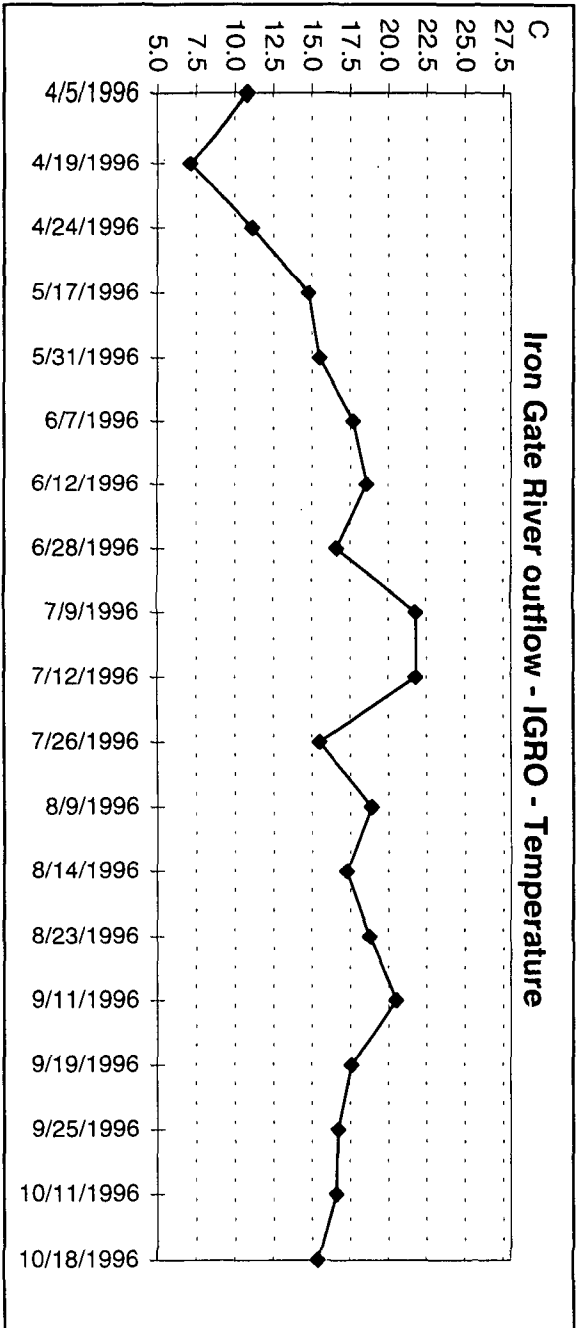
1996 Klamath Basin Field Data

Project:	Date	Time	Site Acronym	Location	Temp	pH	mg/L DO	umhos Cond	pKa	f	mg/L Union NH3	mg/L NH3-N	mg/L NH3-D	mg/L NO3-D	mg/L TKN-T	mg/L TKN-D	mg/L P-T	mg/L P-D	mg/L COD	mg/L BOD	mg/L TSS	mg/L TDS	mg/L Na	mg/L Cl	mg/L SO4	umhos Cond lab	ug/L Chr A	
Project: NCRWOCB 104(b) Grant	9/6/1996	10:40	JCBORD	J Canal at stateline	16.5	7.7	7.3	270	9.515	0.015																		
	9/6/1996	10:10	LRBORD	Lost River at stateline	14.8	8.1	9.8	226	9.571	0.033																		
	9/6/1996	9:25	TLP3	Tule Lake Pump 3 (in)	14.6	7.9	4.9	260	9.577	0.021																		
	9/6/1996	8:55	TLPD	Tule Lake Pump D (out)	14.2	9.6	7.0	565	9.591	0.505																		
	9/6/1996	13:20	KSD	Klamath Straits Drain at stateline	21.6	8.4	7.3	731	9.352	0.100																		
	9/6/1996	10:00	IGRO	Iron Gate Dam outflow	8.0	6.5	105	10.084	0.008																			
	9/6/1996	10:22	KRUSCOTCR	Klamath River u/s Cottonwood Creek	8.3	8.8	108	10.084	0.016																			
	9/6/1996	10:48	KRDSSHR	Klamath River d/s Shasta River	8.1	8.2	129	10.084	0.010																			
	9/6/1996	8:42	KRBORD	Klamath River u/s Shovel Creek	7.9	8.4	101	10.084	0.006																			
	9/6/1996	9:30	COPCO2	Copco Dam outflow	7.5	5.6	89	10.084	0.003																			
	9/6/1996	10:50	KRDSBVCr	Klamath River d/s Beaver Creek	18.0	8.1	8.8	210	9.467	0.041																		
	9/6/1996	11:37	KRDSSCTR	Klamath River d/s Scott River	18.7	8.3	9.2	218	9.444	0.067																		
	9/6/1996	13:19	KRDSELCR	Klamath River d/s Elk Creek	19.4	8.7	10.9	217	9.422	0.160																		
	9/6/1996	17:08	KRDSIKESF	Klamath River at Ikes Falls	19.8	8.6	10.0	201	9.409	0.134																		
	9/11/1996	11:00	KRBORD	Klamath River u/s Shovel Creek	17.1	8.3	10.4	174	9.496	0.060	0.0095	0.160	0.025	0.530	1.240	1.030	0.4200	0.2900	32.0	3.0	3.0	132	19.00	3.67	5.91	154	5.3	
	9/11/1996	12:10	COPCO2	Copco Dam outflow	19.2	7.7	6.8	182	9.428	0.018	0.0005	0.025	0.025	0.480	1.340	1.150	0.2900	0.2700	36.0	5.0	1.5	153	18.00	4.18	11.50	176	7.0	
	9/11/1996	12:55	IGRO	Iron Gate Dam outflow	20.5	8.2	7.6	190	9.387	0.061																		
	9/11/1996	13:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.7	8.8	11.2	188	9.349	0.220																		
	9/11/1996	14:10	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.6	200	9.371	0.119																		
	9/19/1996	7:55	IGRO	Iron Gate Dam outflow	17.6	7.6	6.0	286	9.479	0.013																		
	9/19/1996	11:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.4	9.5	185	9.463	0.080																		
	9/19/1996	13:25	KRDSSHR	Klamath River d/s Shasta River	18.8	8.3	9.0	207	9.441	0.067																		
	9/19/1996	9:50	KRBORD	Klamath River u/s Shovel Creek	14.4	8.3	9.8	152	9.584	0.049																		
	9/19/1996	8:46	COPCO2	Copco Dam outflow	16.6	7.6	6.0	169	9.512	0.012																		
	9/20/1996	10:50	JCBORD	J Canal at stateline	13.8	7.8	7.4	307	9.604	0.015																		
	9/20/1996	11:15	LRBORD	Lost River at stateline	14.8	8.6	11.5	228	9.571	0.097																		
	9/20/1996	10:05	TLP3	Tule Lake Pump 3 (in)	12.9	7.9	7.2	363	9.634	0.018																		
	9/20/1996	9:40	TLPD	Tule Lake Pump D (out)	12.8	9.5	8.8	780	9.637	0.422																		
	9/20/1996	12:35	KSD	Klamath Straits Drain at stateline	18.9	9.2	12.8	645	9.438	0.367																		
	9/20/1996	10:34	KRDSBVCr	Klamath River d/s Beaver Creek	10.8	8.2	10.5	257	9.704	0.030																		
	9/20/1996	11:41	KRDSSCTR	Klamath River d/s Scott River	17.6	8.1	9.5	226	9.479	0.040																		
	9/20/1996	13:57	KRDSELCR	Klamath River d/s Elk Creek	19.0	8.4	10.6	222	9.434	0.085																		
	9/20/1996	16:44	KRDSIKESF	Klamath River at Ikes Falls	18.8	8.5	10.3	203	9.441	0.103																		
	9/25/1996	7:45	KRBORD	Klamath River u/s Shovel Creek	12.8	7.9	9.5	182	9.637	0.018	0.0018	0.100	0.100	0.730	1.050	1.030	1.1600	0.9200	28.0	1.5	1.5	162	15.00	3.44	8.49	173	3.1	
	9/25/1996	8:55	COPCO2	Copco Dam outflow	15.7	7.7	6.1	165	9.541	0.014	0.0027	0.190	0.190	0.340	1.350	1.180	0.6800	0.6000	25.0	1.5	3.0	136	14.00	3.66	8.03	158	2.9	
	9/25/1996	9:50	IGRO	Iron Gate Dam outflow	16.7	7.7	6.7	182	9.509	0.015																		
	9/25/1996	10:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.4	8.2	8.7	181	9.518	0.046																		
	9/25/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	15.8	8.1	8.0	204	9.538	0.035																		
	10/2/1996	n/a	KRBORD	Klamath River u/s Shovel Creek							0.200	0.060	0.800	1.680	1.230	0.4900	0.5000	26.0	5.0	7.0	124	14.00	4.11	7.17	166	3.2		
	10/2/1996	n/a	BDOCK								0.120	0.025	0.800	1.380	1.190	0.4400	0.3900	14.0	4.0	1.5	117	14.00	4.15	7.05	164	2.8		
	10/2/1996	n/a	COPCO2	Copco Dam outflow							0.200	0.200	0.480	1.190	1.160	0.7100	0.4600	26.0	1.5	1.5	113	14.00	3.49	7.77	173	5.2		
	10/2/1996	n/a	IGRO	Iron Gate Dam outflow							0.120	0.070	0.520	1.660	1.200	0.4400	0.3200	16.0	6.0	1.5	120	15.00	4.59	10.20	170	7.6		
	10/2/1996	n/a	KRUSCOTCR	Klamath River u/s Cottonwood Creek							0.130	0.100	0.470	1.020	0.940	0.3800	0.2900	26.0	4.0	1.5	115	15.00	4.09	10.40	168	6.8		
	10/2/1996	n/a	KRDSSHR	Klamath River d/s Shasta River							0.100	0.050	0.460	0.920	0.840	0.3800	0.3100	22.0	3.0	1.5	130	17.00	5.76	10.20	201	4.8		
	10/7/1996	13:00	JCBORD	J Canal at stateline	17.0	7.7	5.8	320	9.499	0.018	0.0048	0.310	0.310	0.430	1.610	1.290	0.7500	0.6400	17.0	5.0	1.5							
	10/2/1996	13:20	LRBORD	Lost River at stateline	17.7	8.7	15.6	259	9.476	0.143	0.0416	0.290	0.260	0.680	1.330	1.250	0.8100	0.6900	24.0	5.0	2.0							
	10/2/1996	11:10	TLP3	Tule Lake Pump 3 (in)	15.3	7.6	5.4	633	9.554	0.011	0.0235	2.140	1.980	0.430	3.330	2.830	1.0400	0.8100	38.0	4.0	24.0							
	10/2/1996	10:45	TLPD	Tule Lake Pump D (out)	16.8	9.2	7.4	570	9.505	0.331	0.1823	0.490	0.360	0.040	2.810	1.920	0.9900	0.8900	66.0	9.0	16.0							
	10/2/1996	13:50	KSD	Klamath Straits Drain at stateline	24.5	8.2	9.3	539	9.262	0.080	0.1277	1.600	1.370	0.040	3.970	2.860	2.0200	0.7900	72.0	7.0	116.0							
	10/2/1996	8:50	SHRA12	Shasta River at A-12	14.5	8.0	8.0	581	9.511	0.026	0.0045	0.180	0.180	0.120	0.450	0.450	0.7700	0.7500	3.5	4.0	12.0							
	10/2/1996	9:50	SHRMGR	Shasta River at Mont Gren Road	15.5	8.0	8.7	548	9.028	0.0036	0.0036	0.130	0.120	0.040	0.510	0.440	0.5500	0.4800	11.0	1.5	22.0							
	10/2/1996	10:15	SHRHWHY5	Shasta River d/s Hwy 5	14.7	8.0	8.6	574	9.026	0.0062	0.0062	0.240	0.100	0.040	0.710	0.550	0.4000	0.3700	20.0	4.0	20.0							
	10/2/1996	11:00	SHRM	Shasta River at mouth	15.0	8.3	9.0	564	9.052	0.0077	0.0077	0.150	0.080	0.040	0.620	0.560	0.5700</											

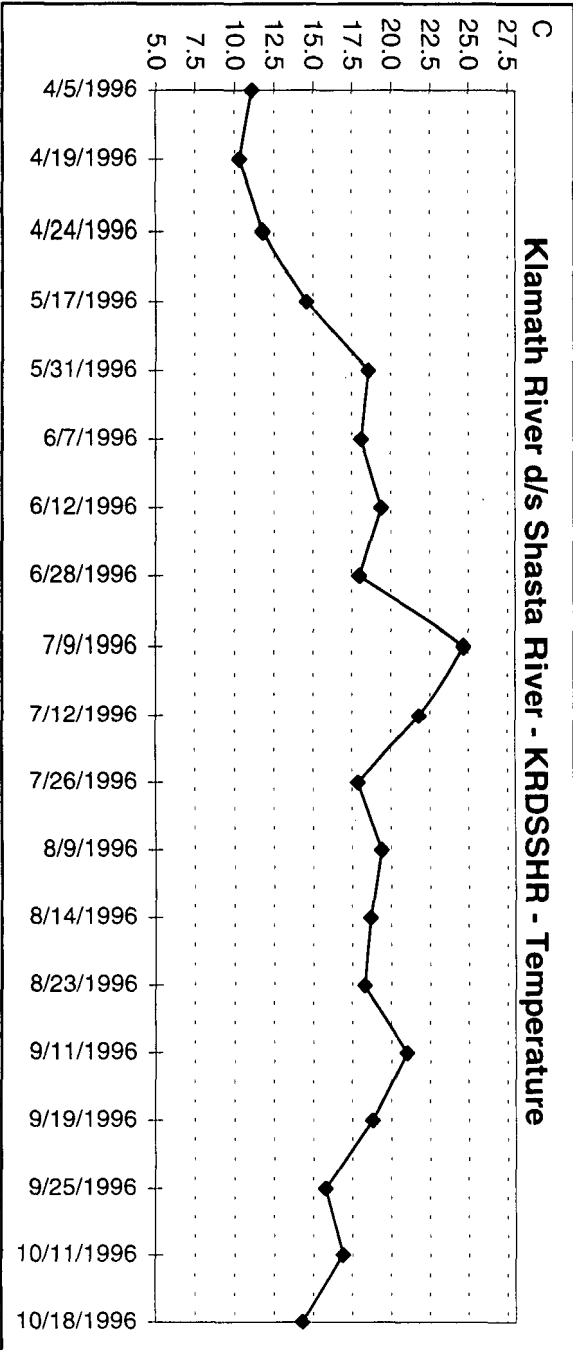
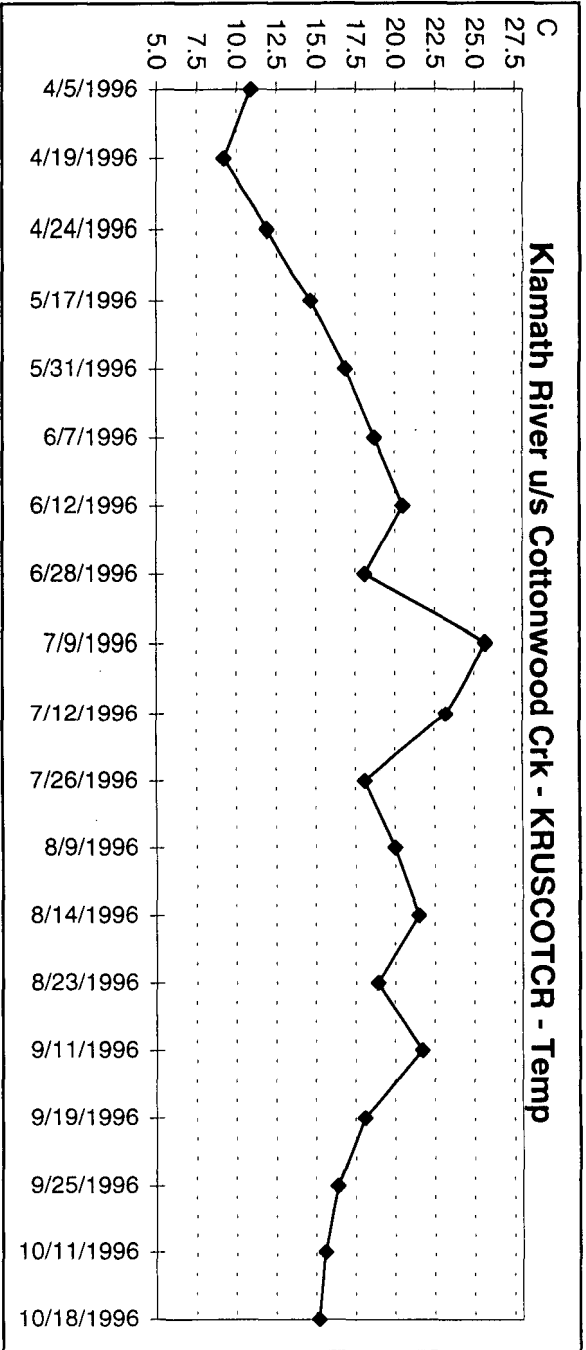
Site Temperatures



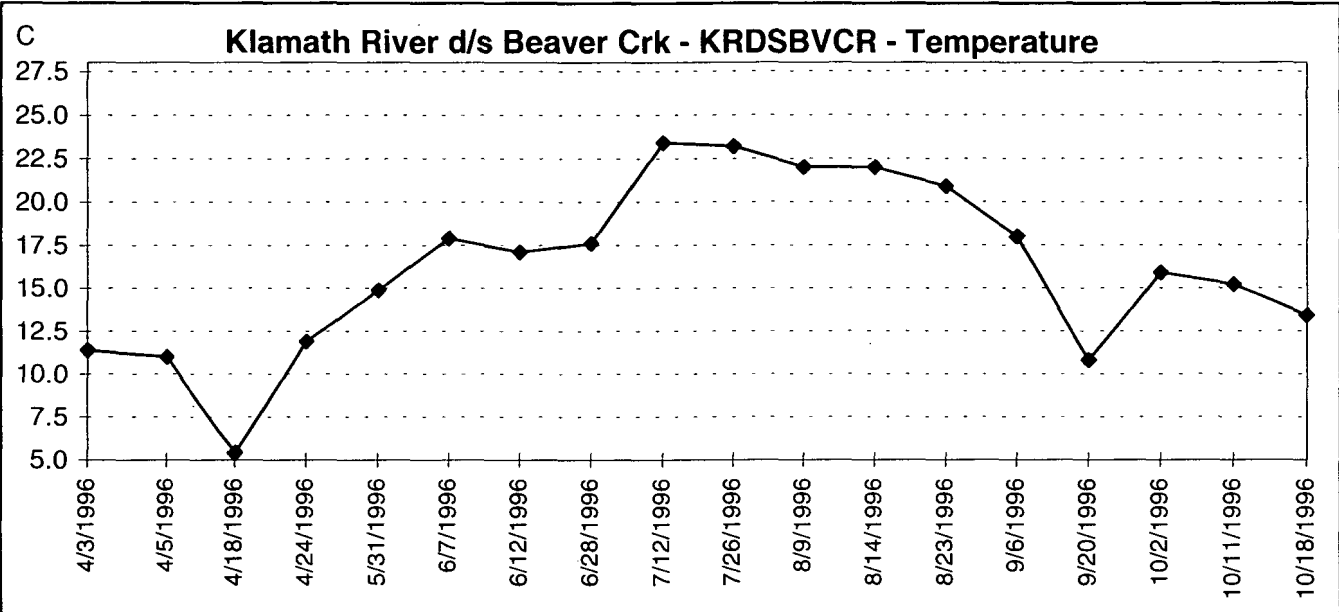
Site Temperatures



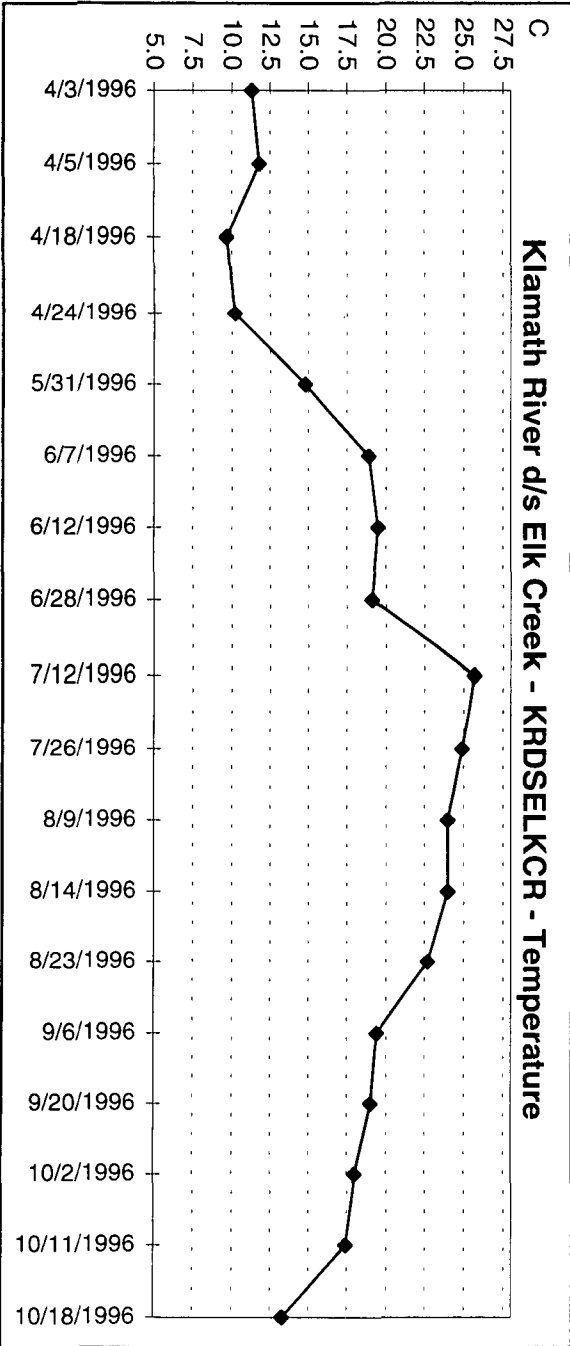
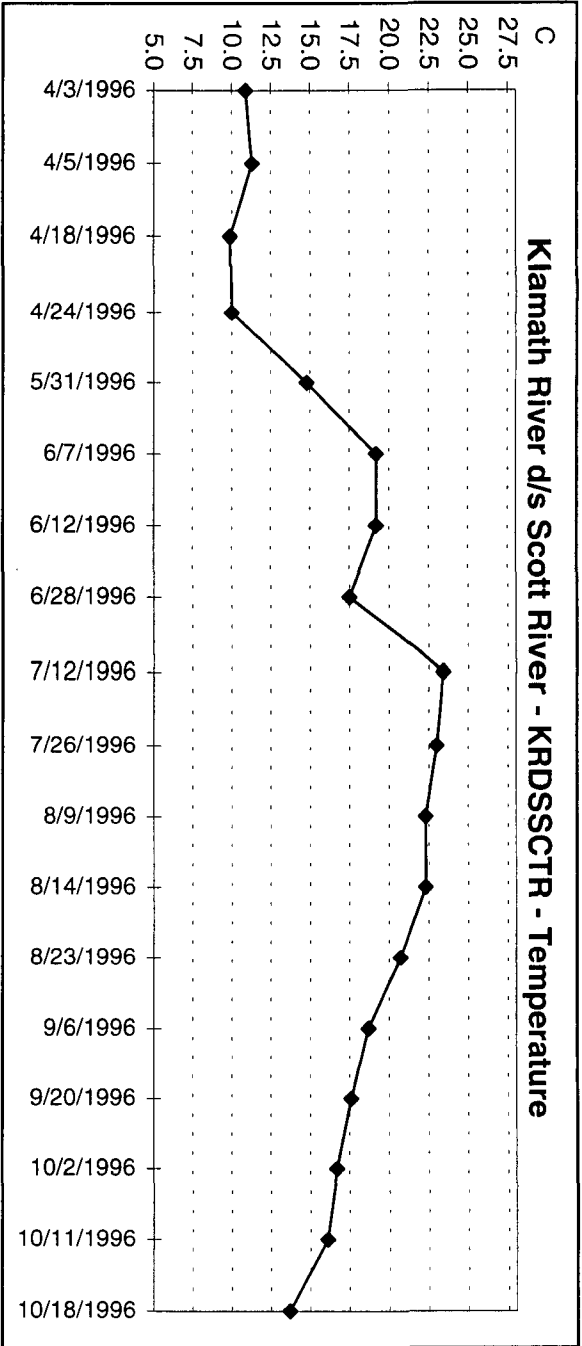
Site Temperatures



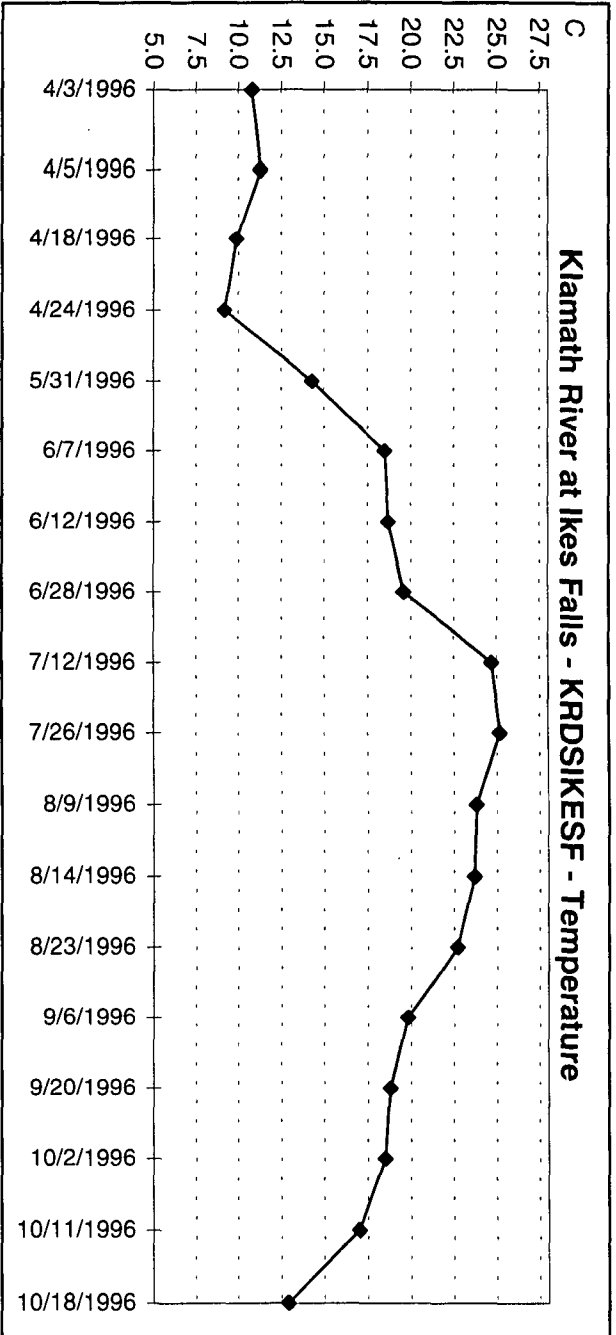
Site Temperatures



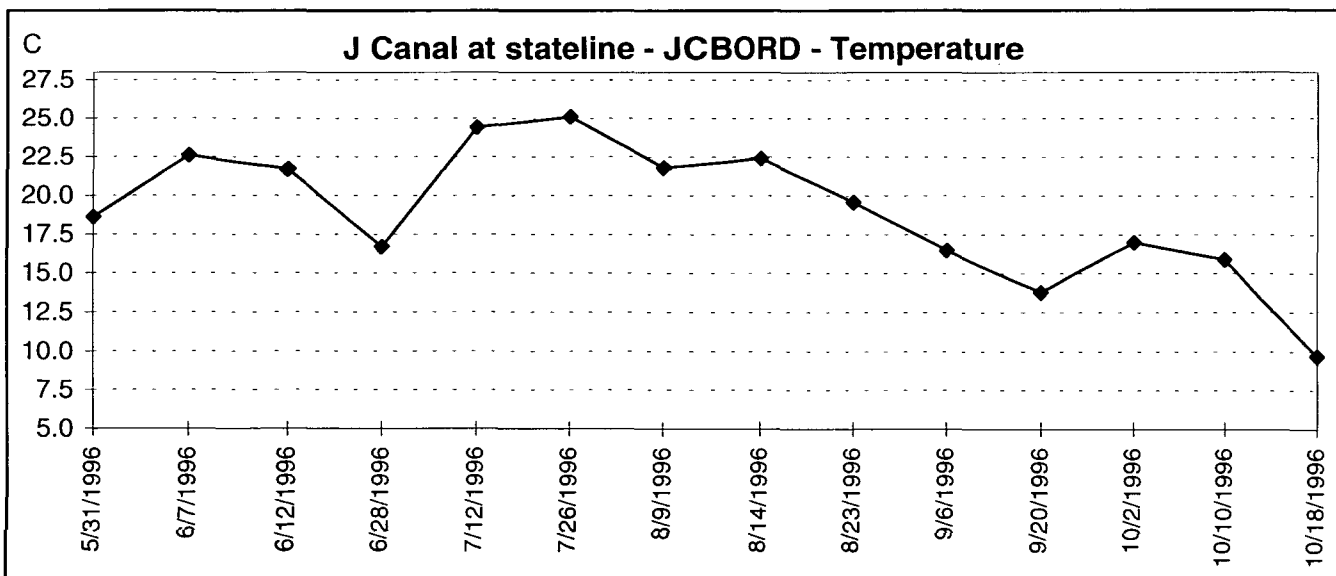
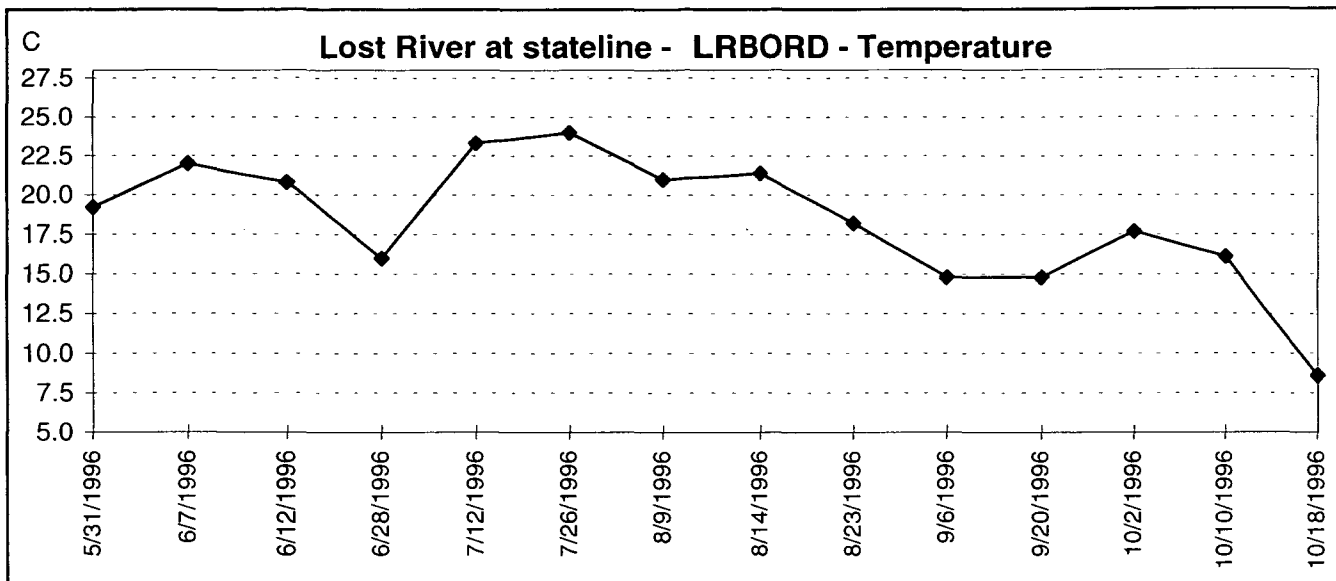
Site Temperatures



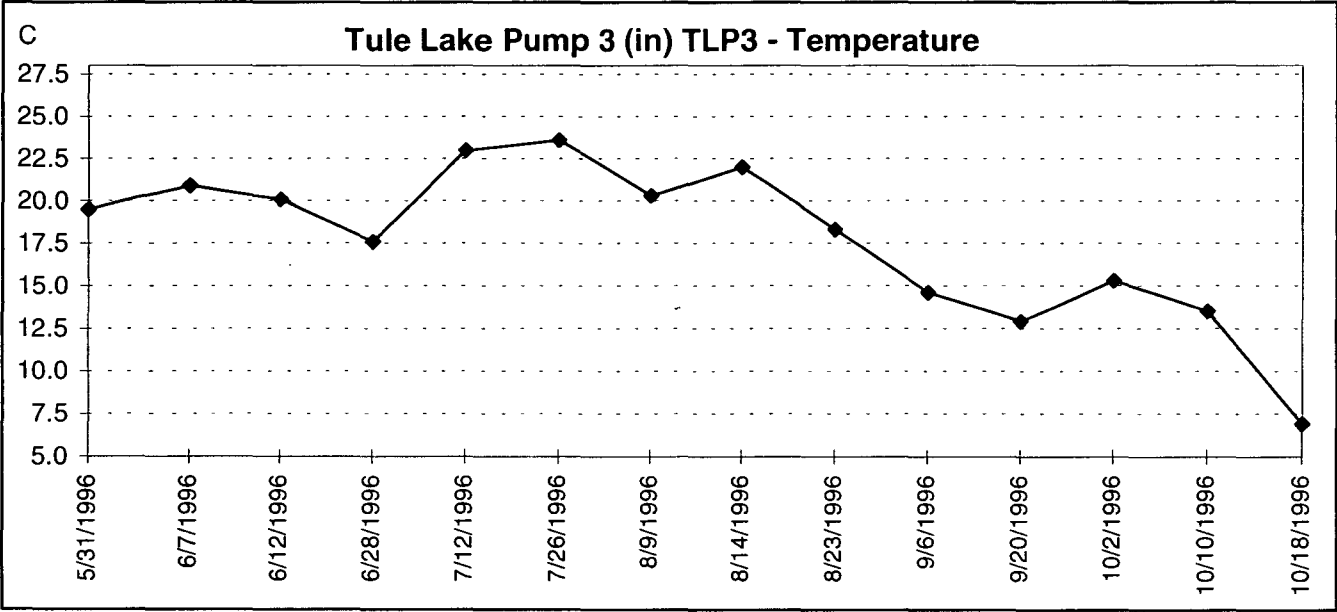
Site Temperatures



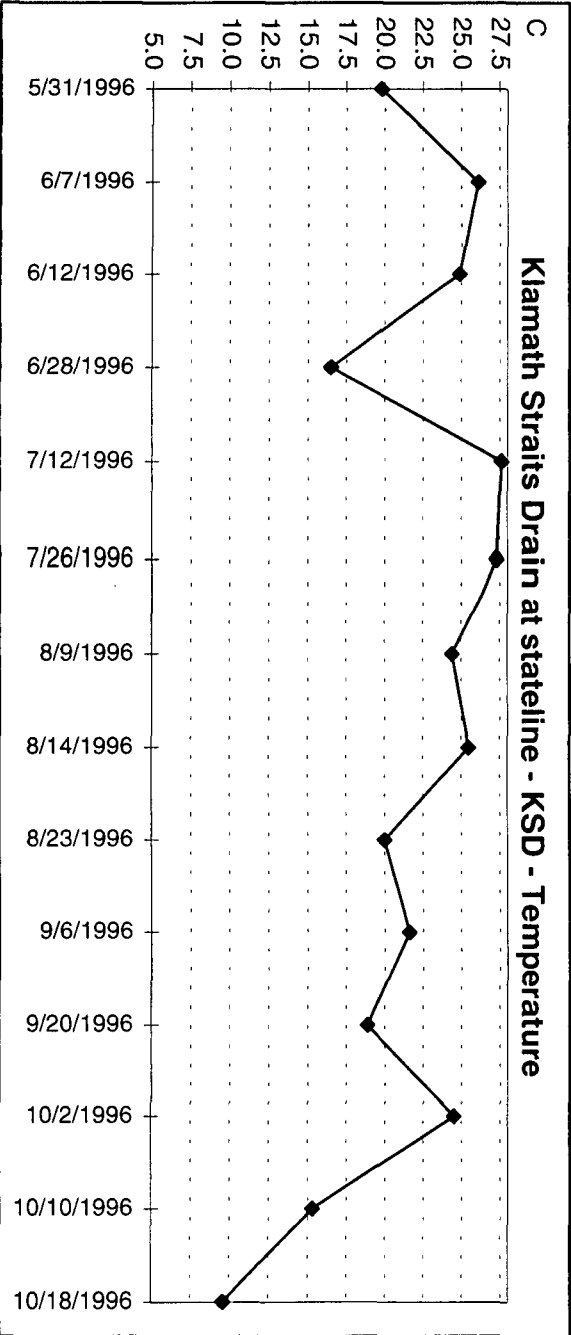
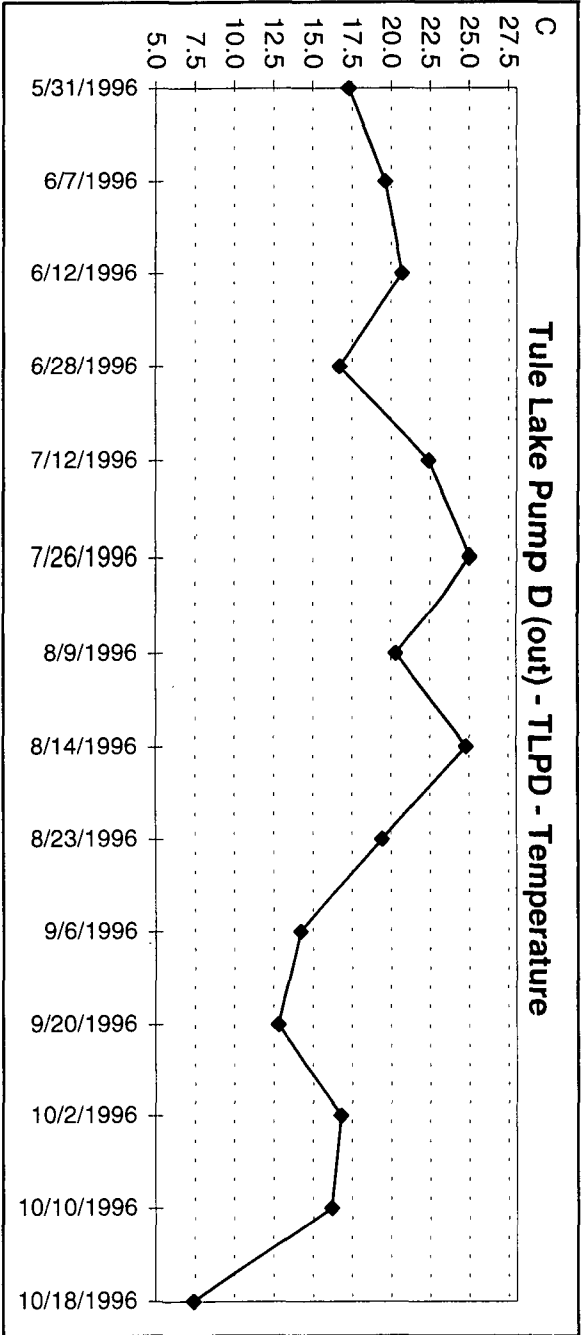
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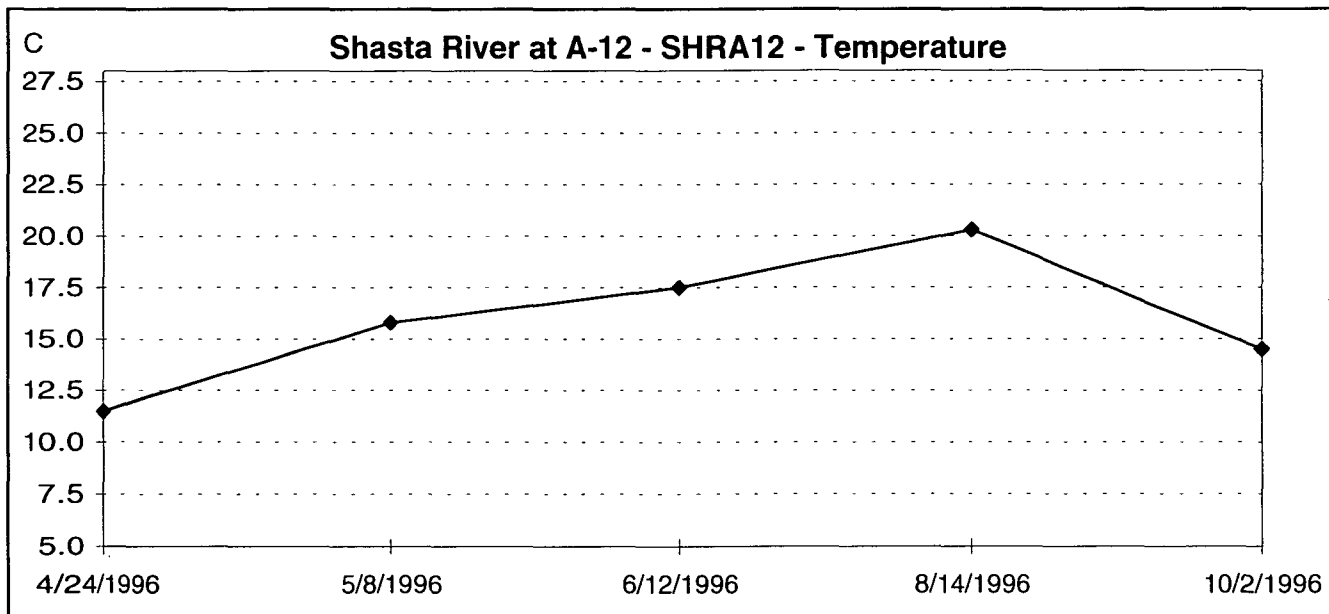
Site Temperatures



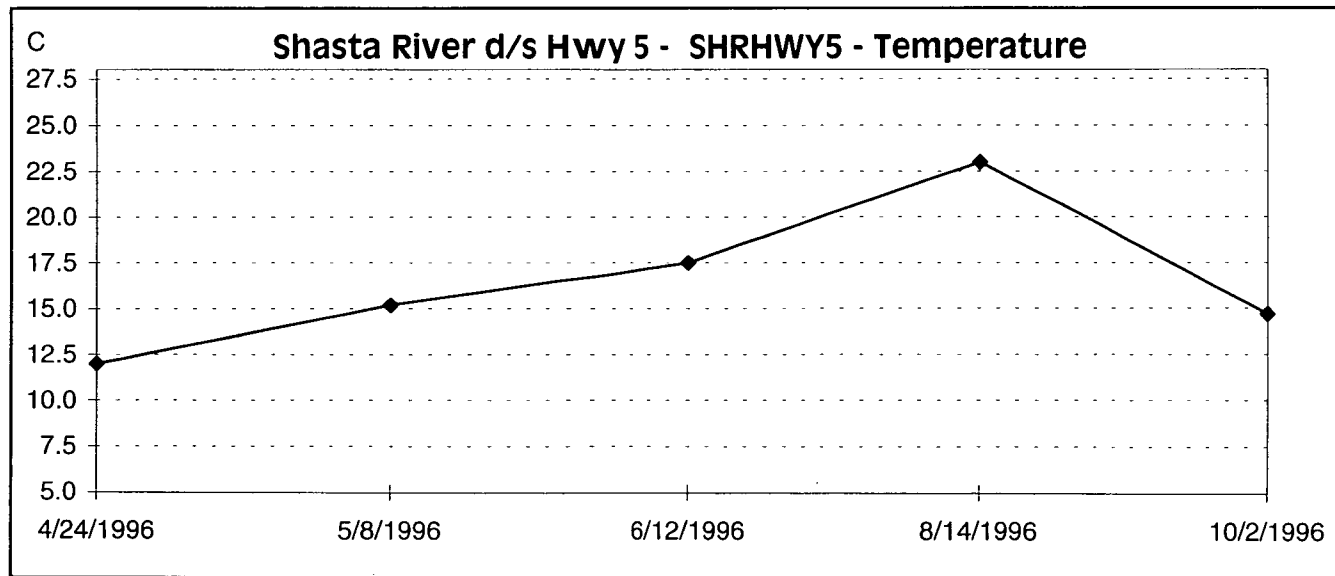
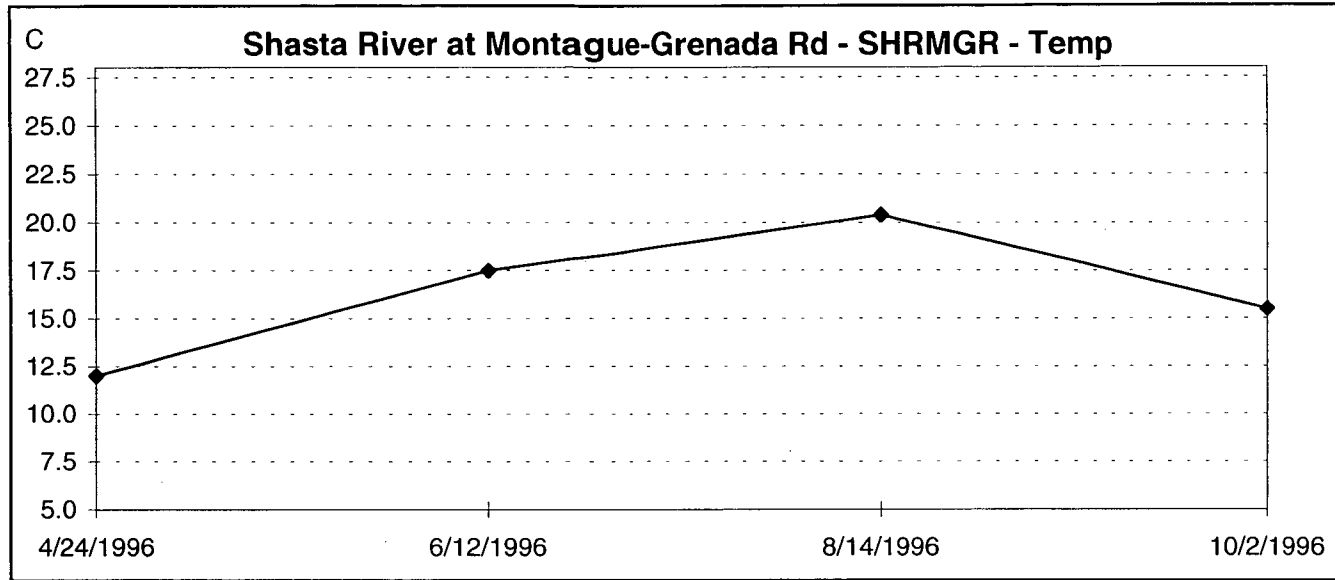
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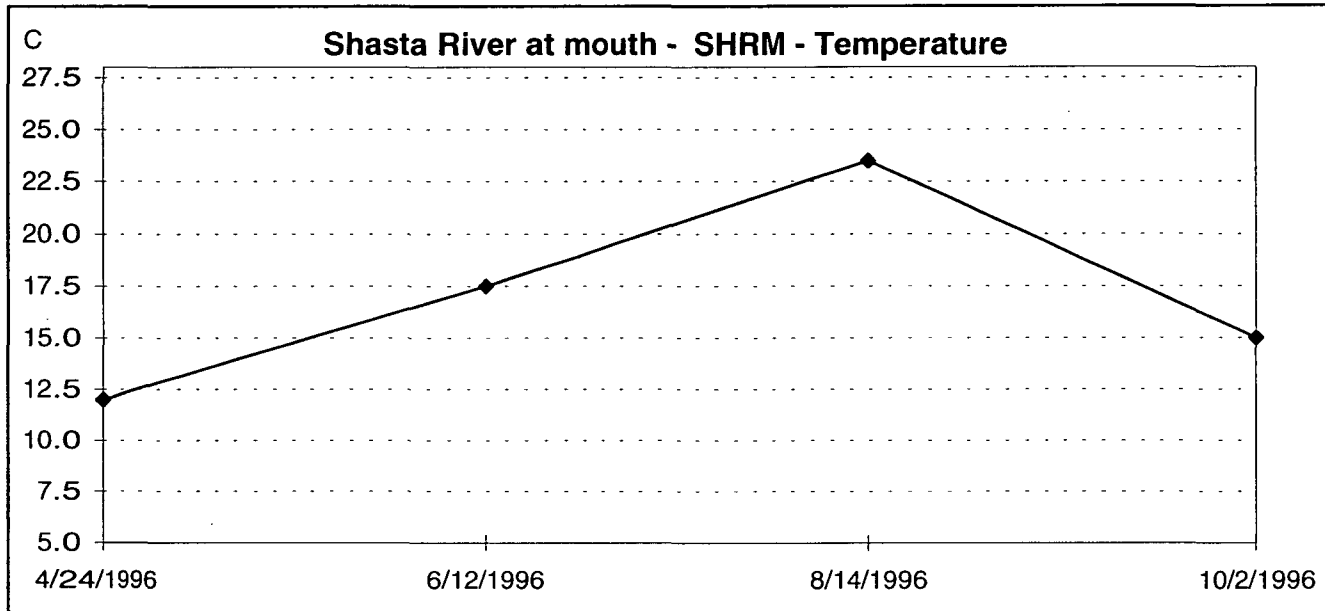
Site Temperatures



Site Temperatures

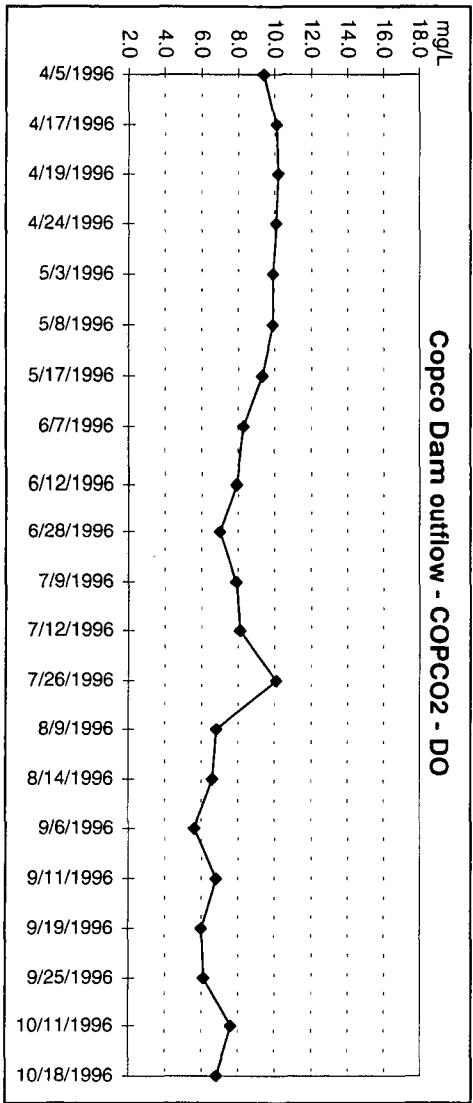
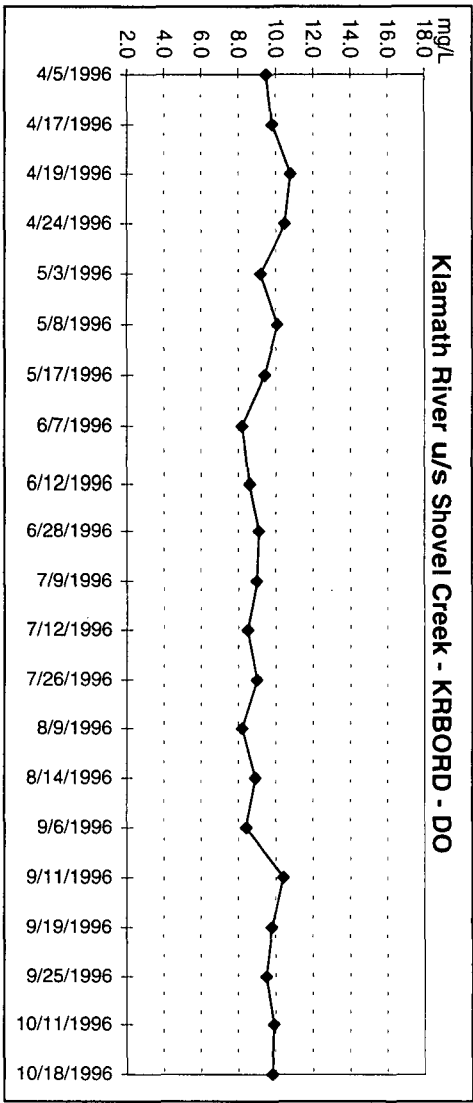


Site Temperatures

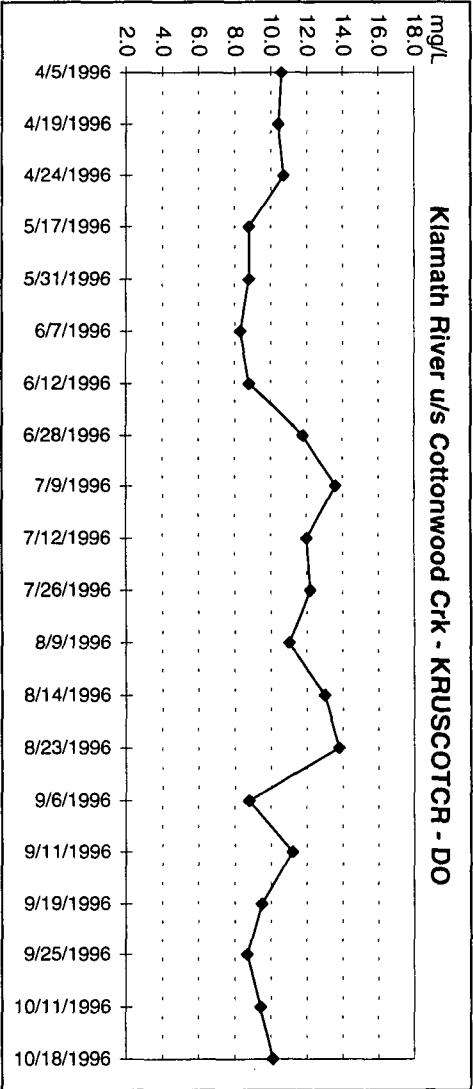
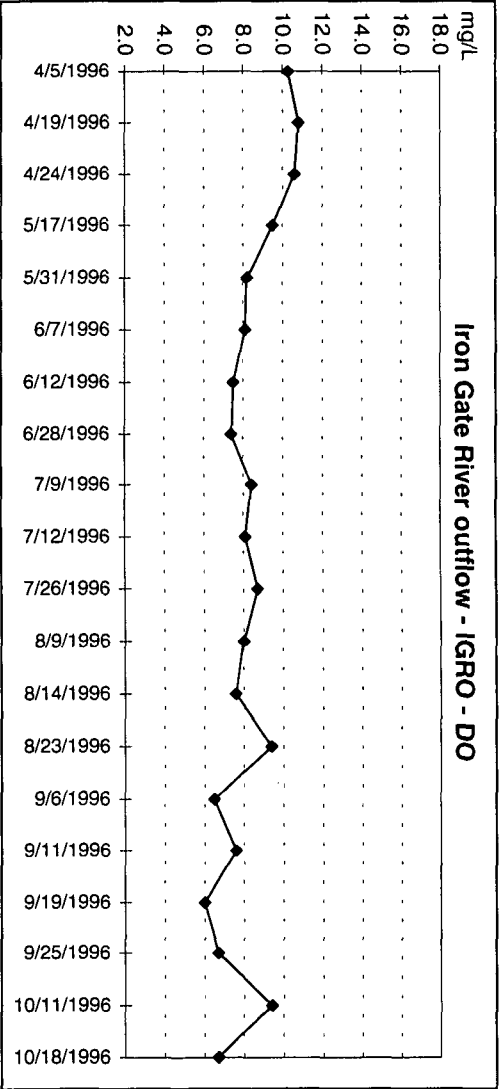


Hand 2

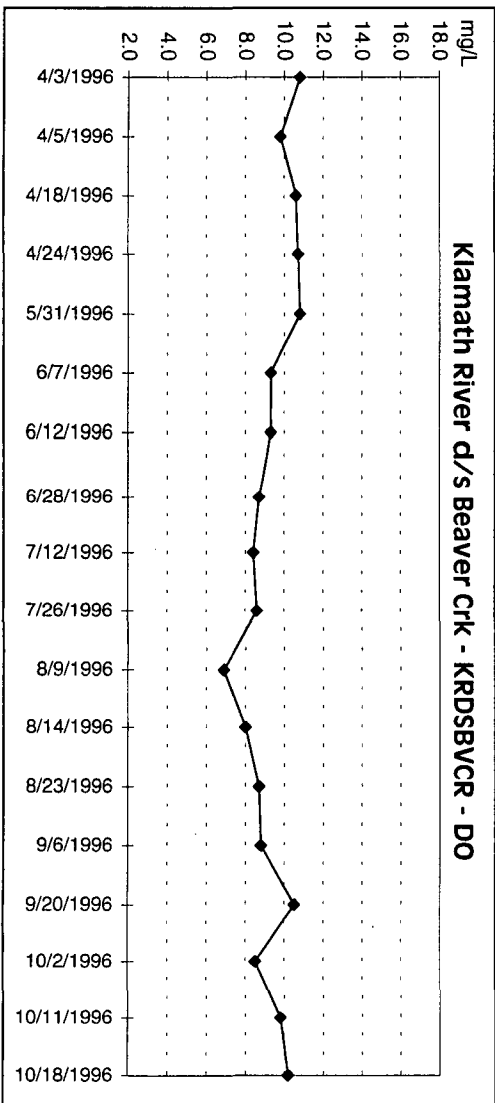
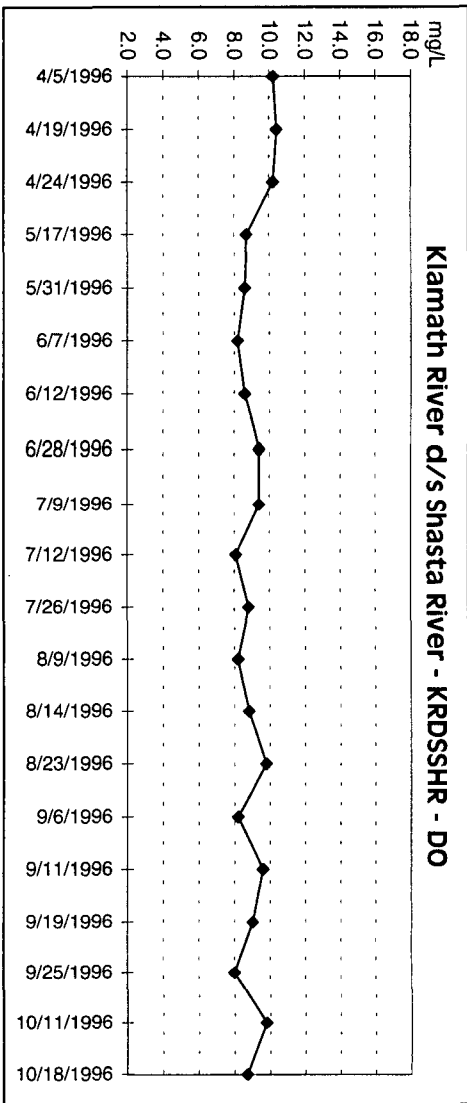
Site Dissolved Oxygens



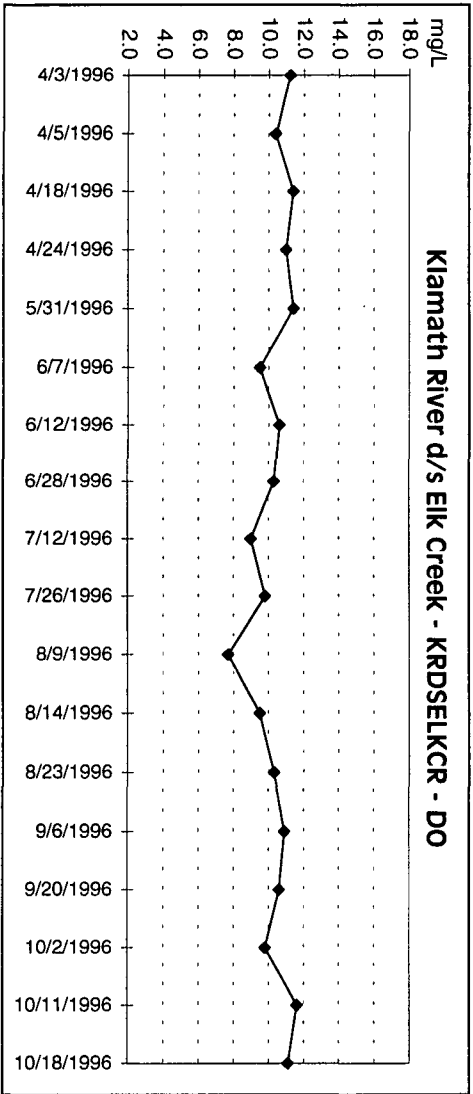
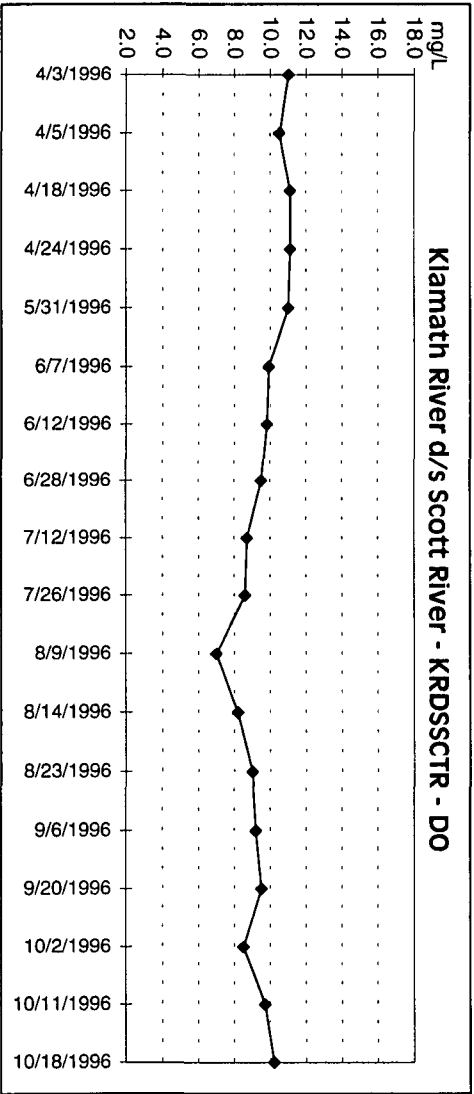
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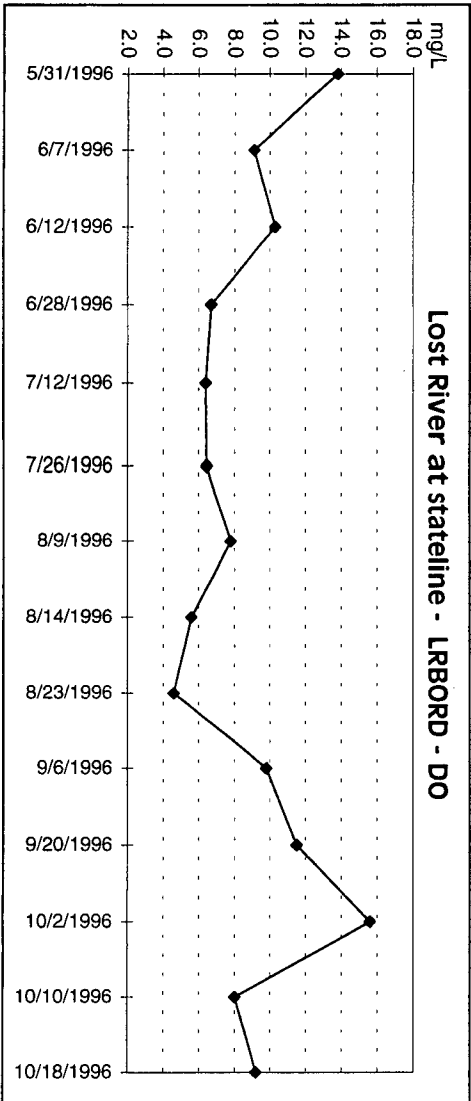
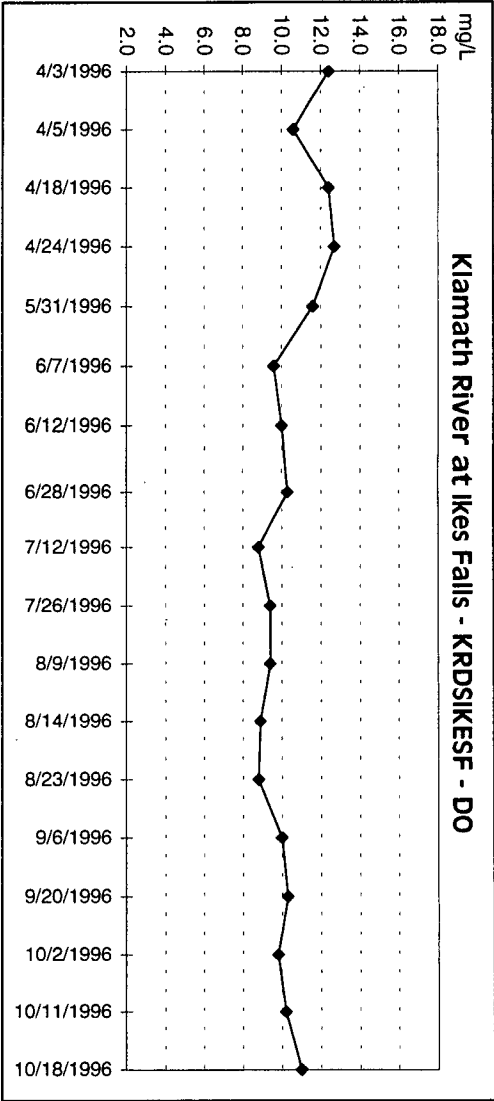
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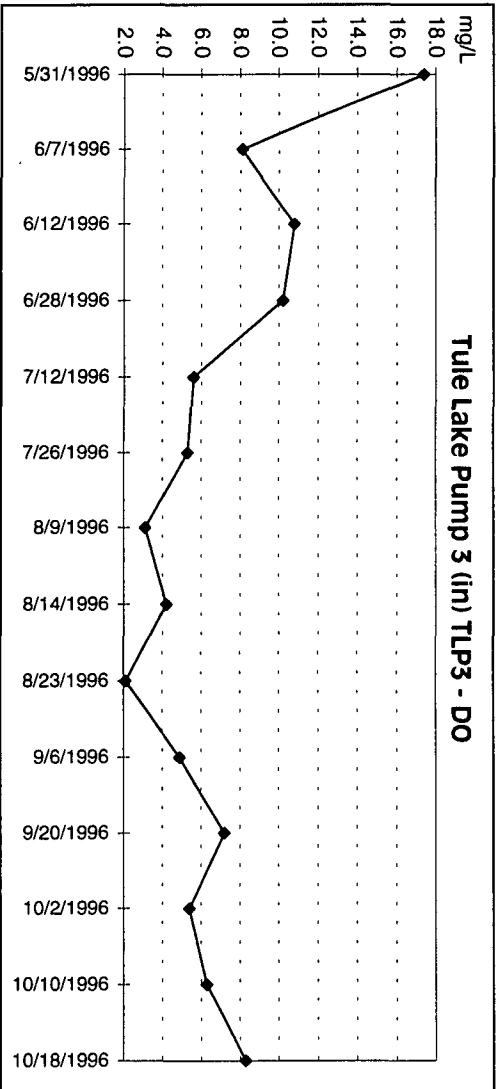
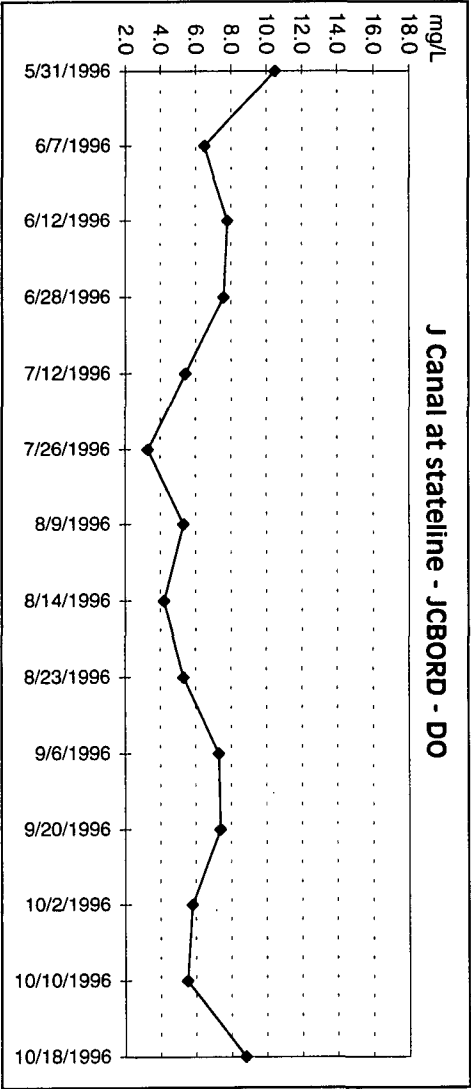
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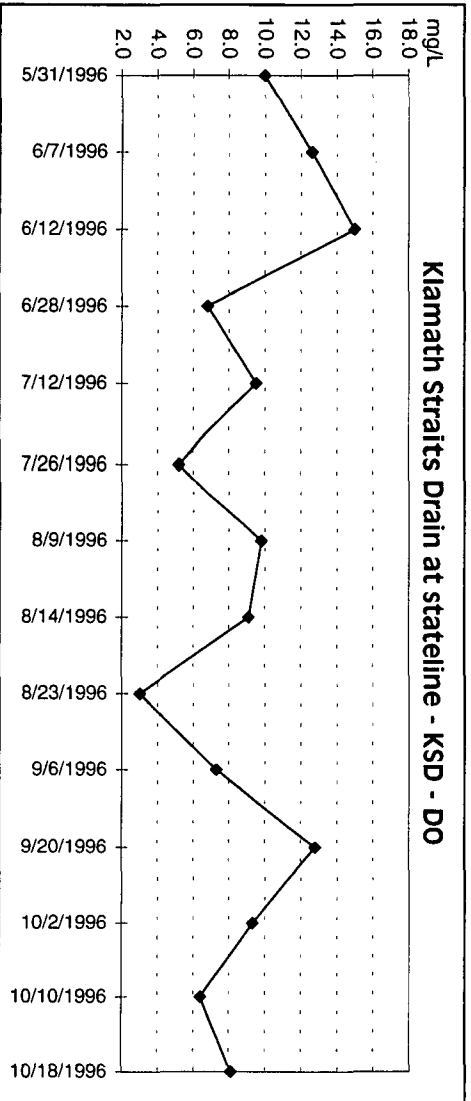
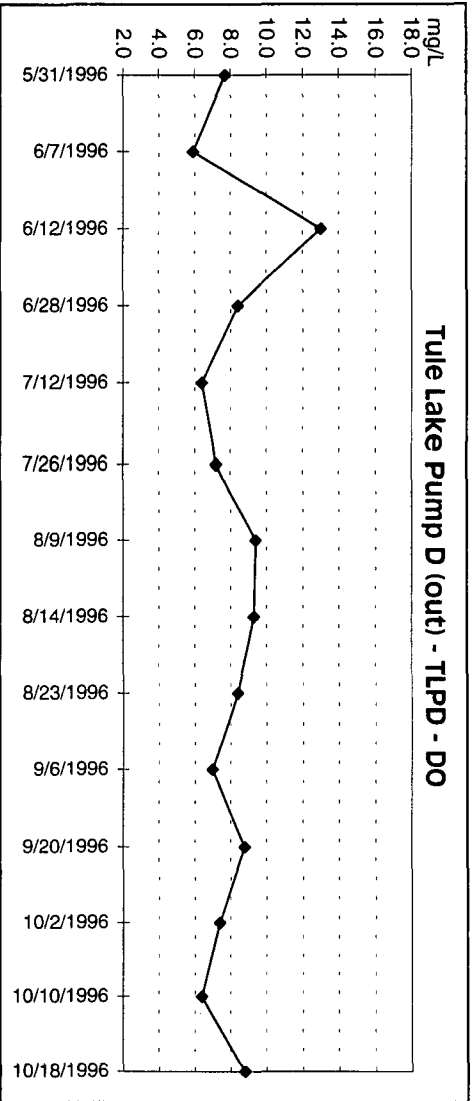
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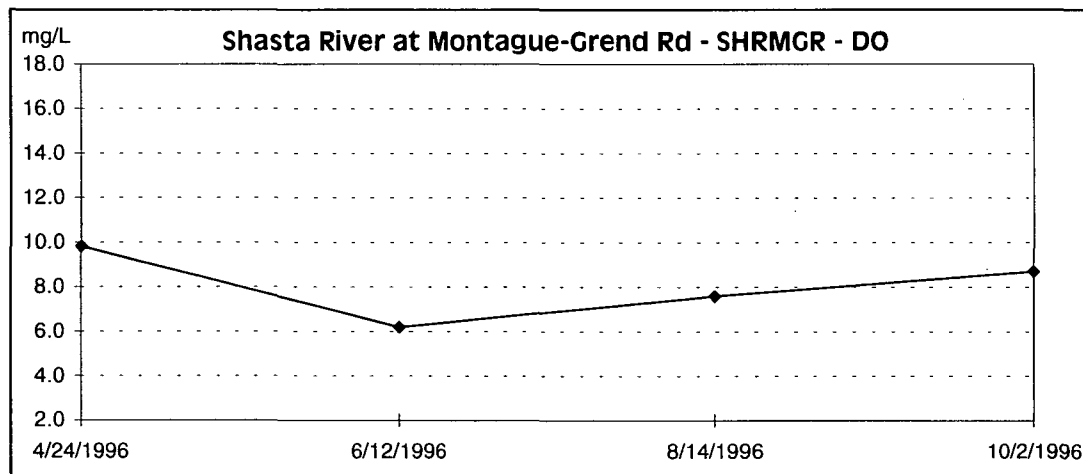
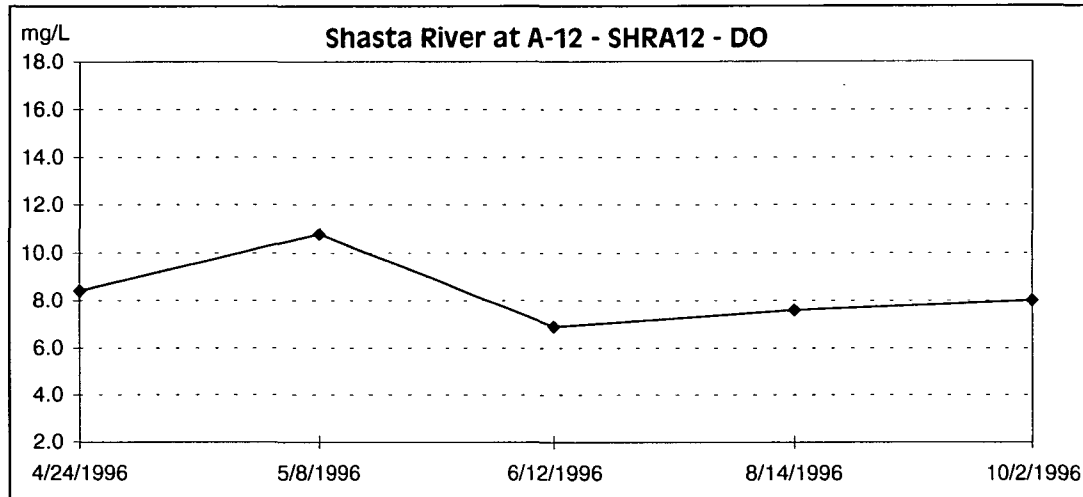
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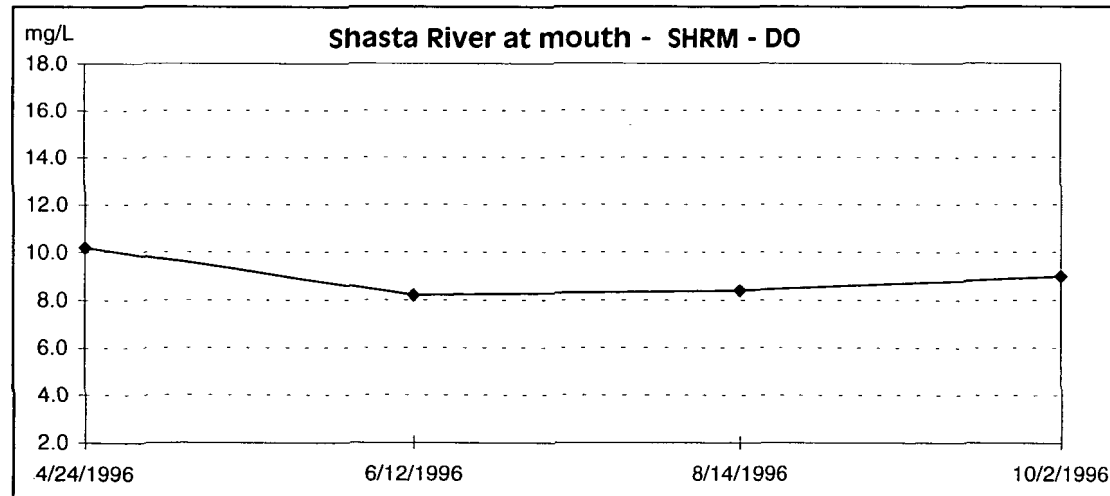
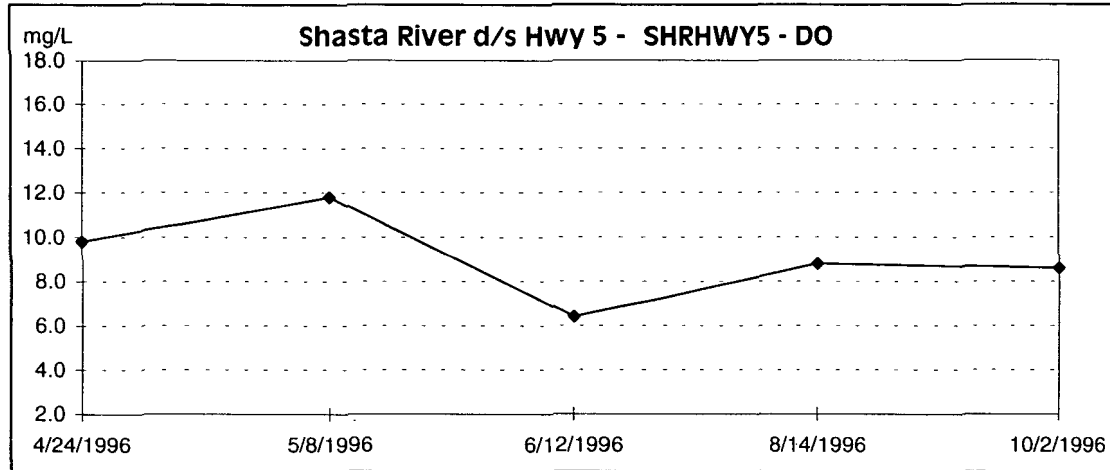
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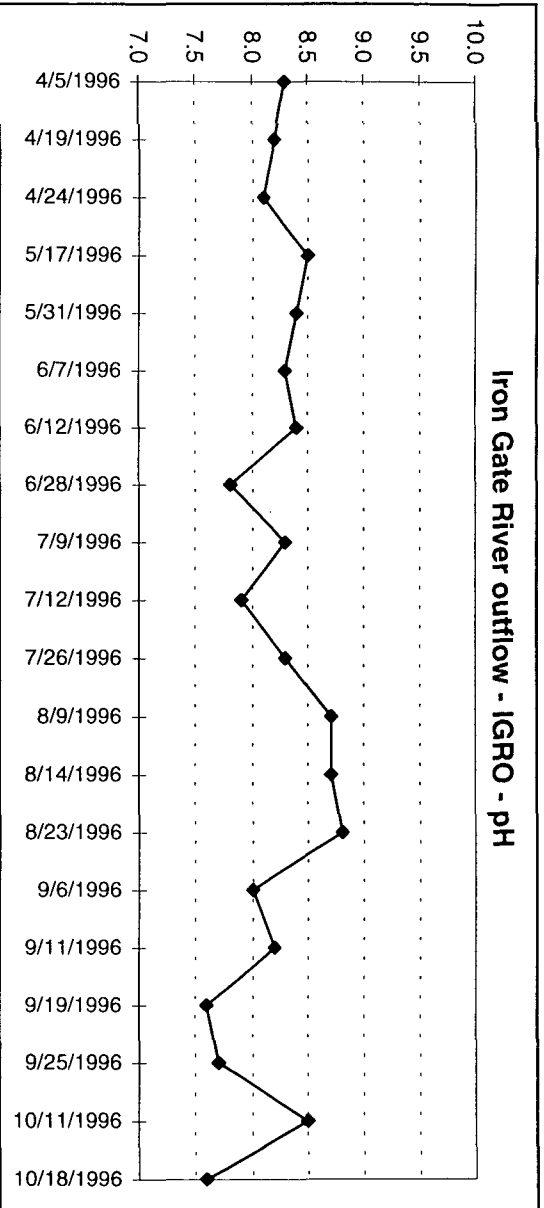
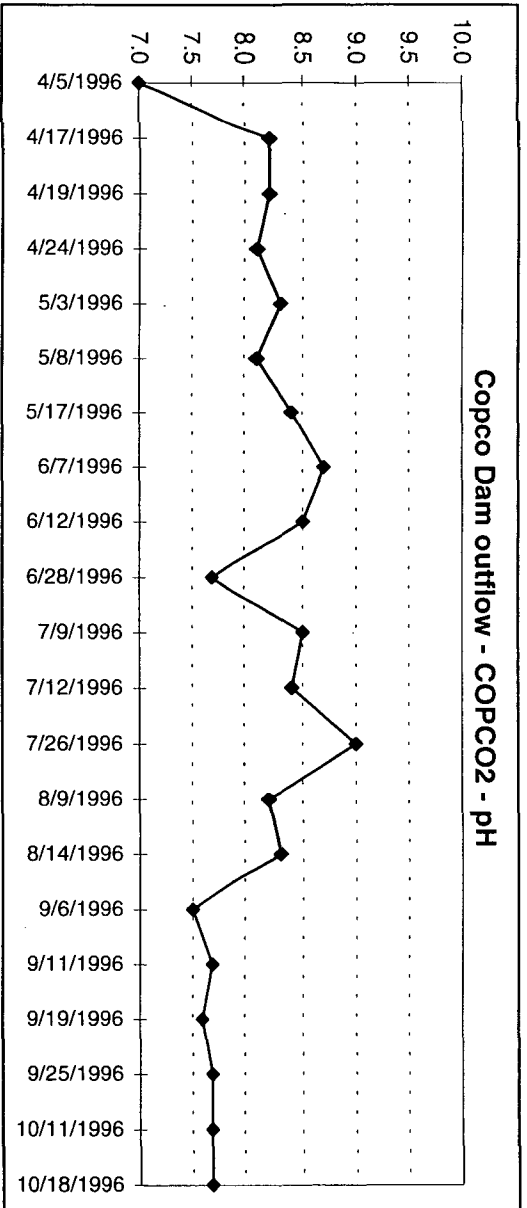
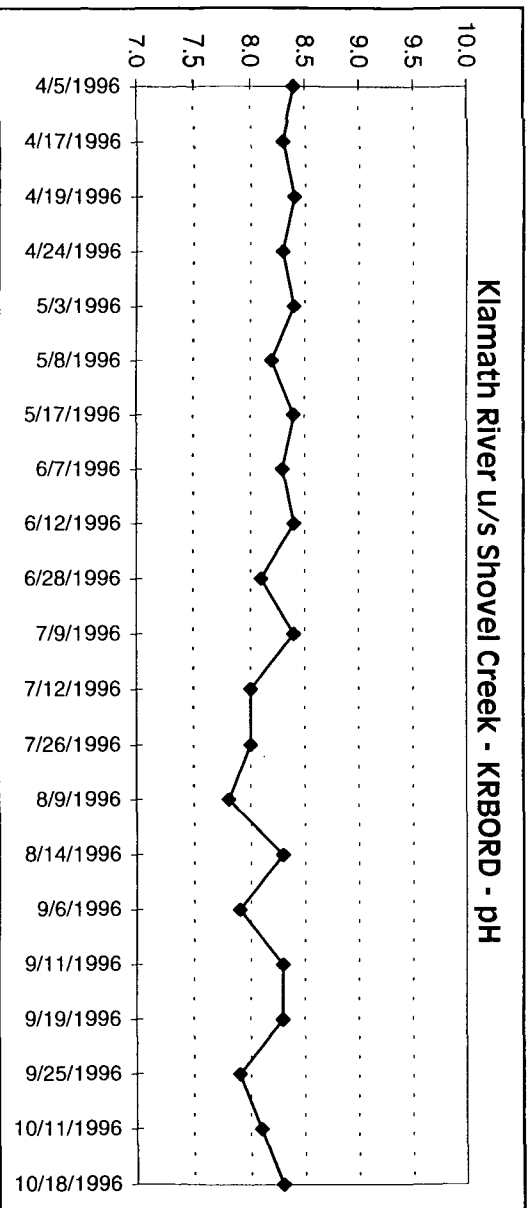
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Site Dissolved Oxygens

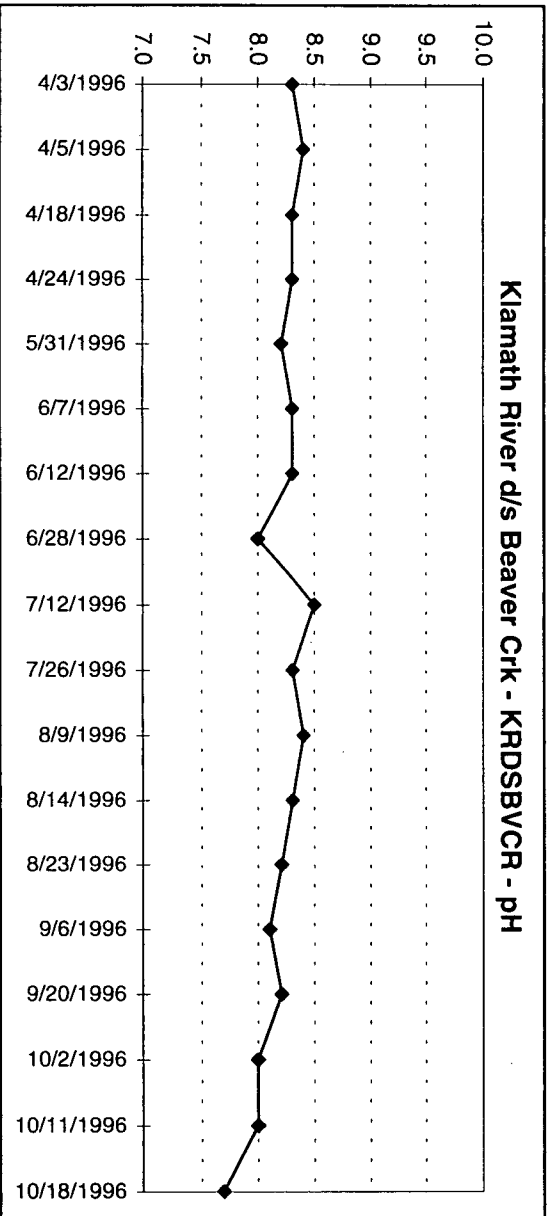
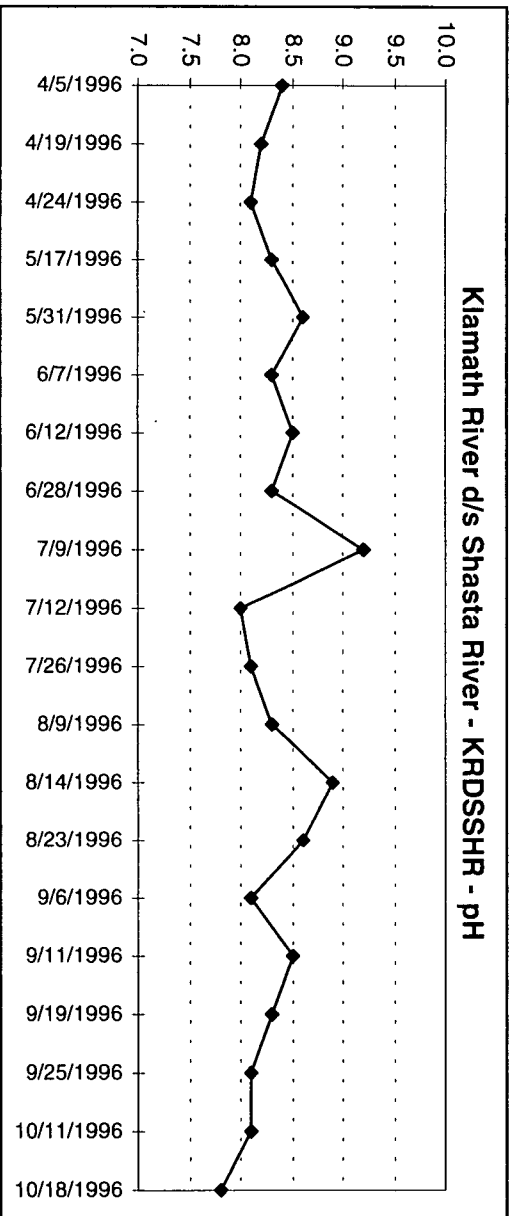
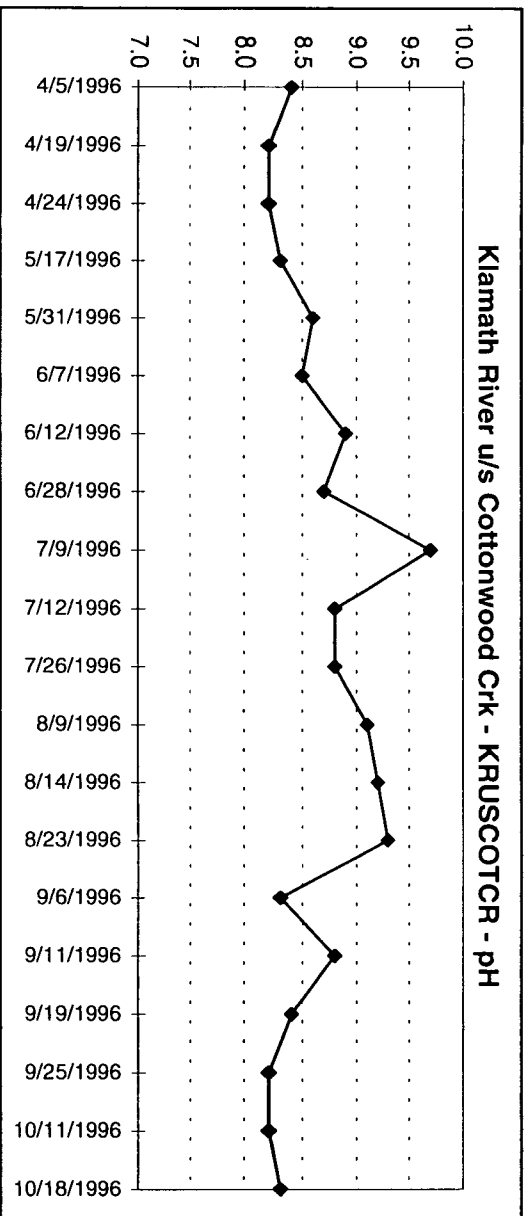


Site pHs

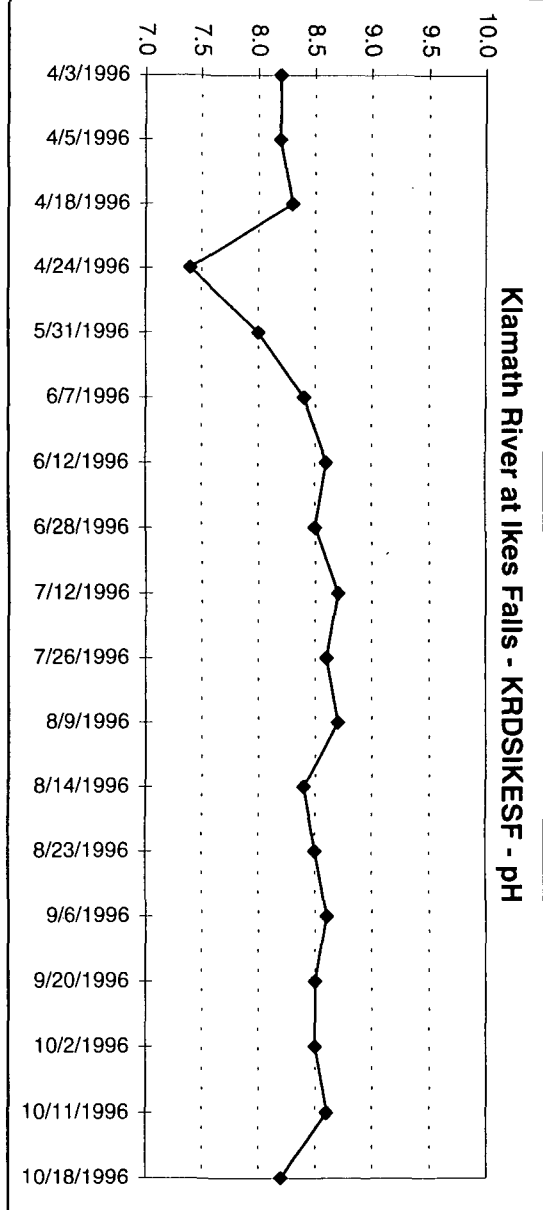
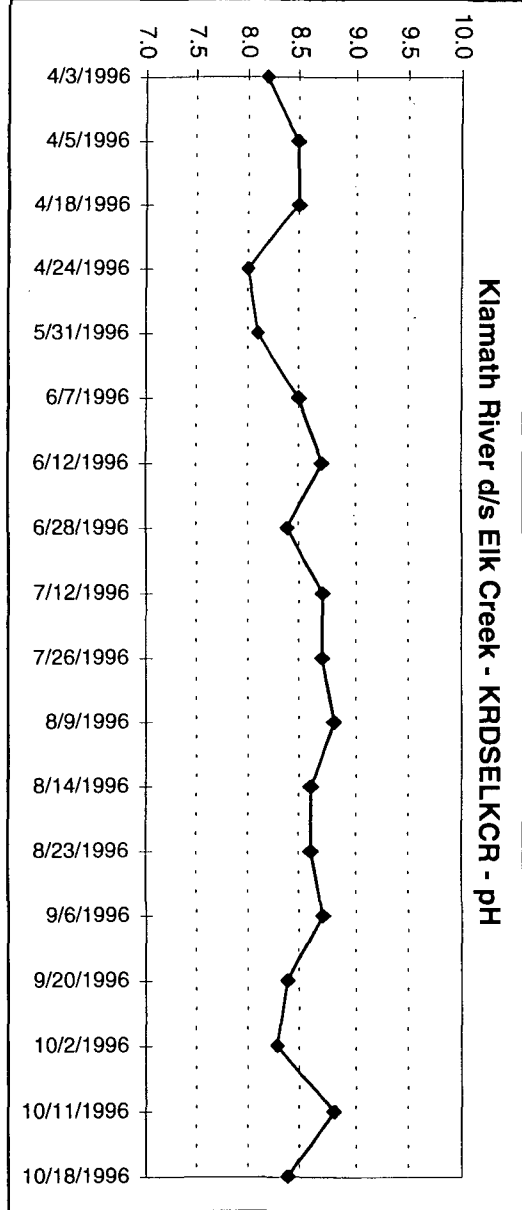
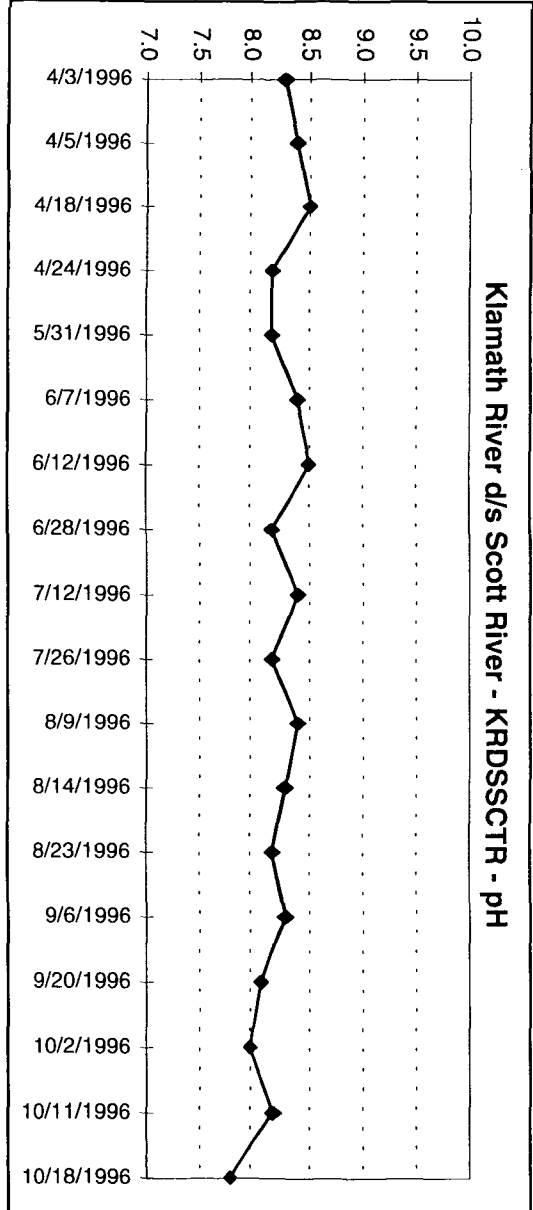


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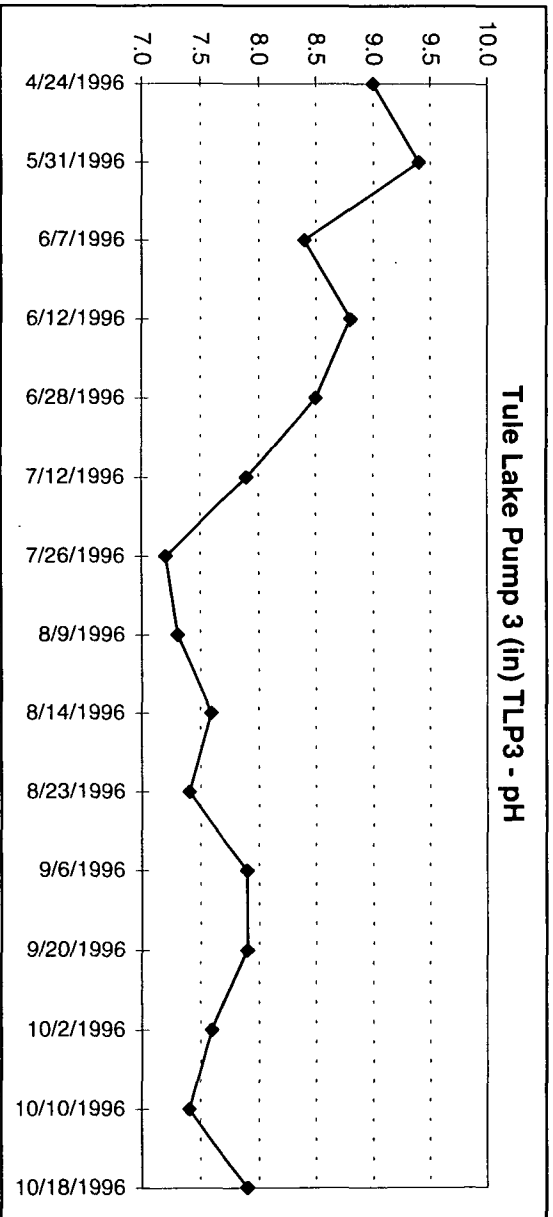
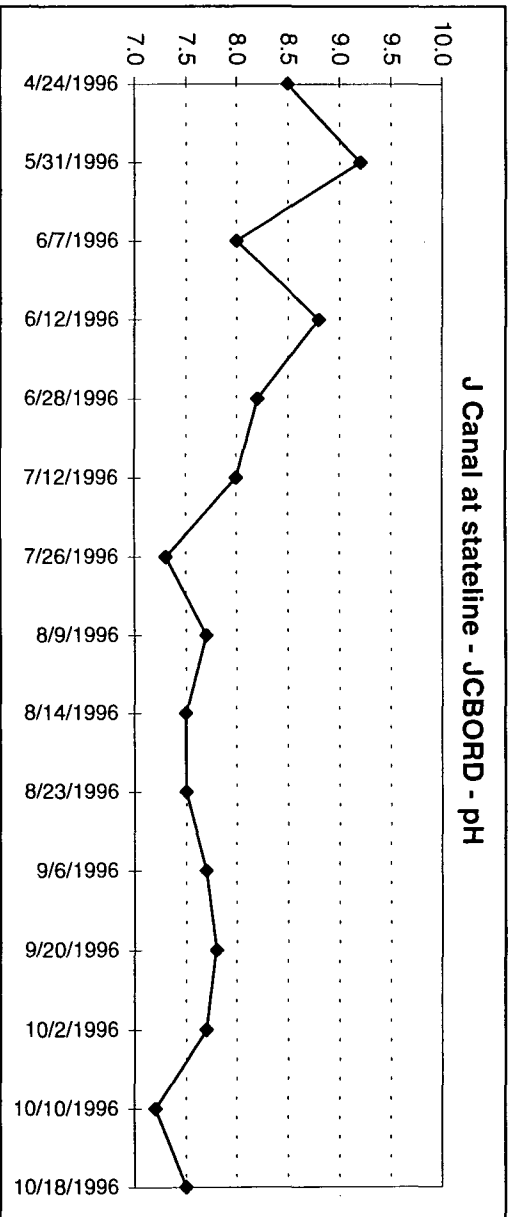
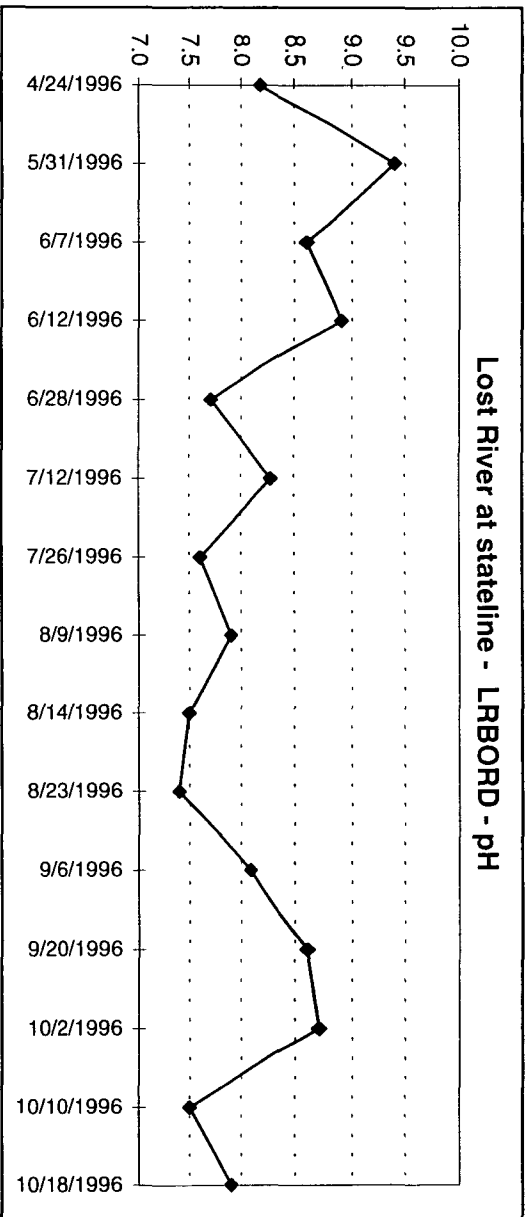
Site pHs



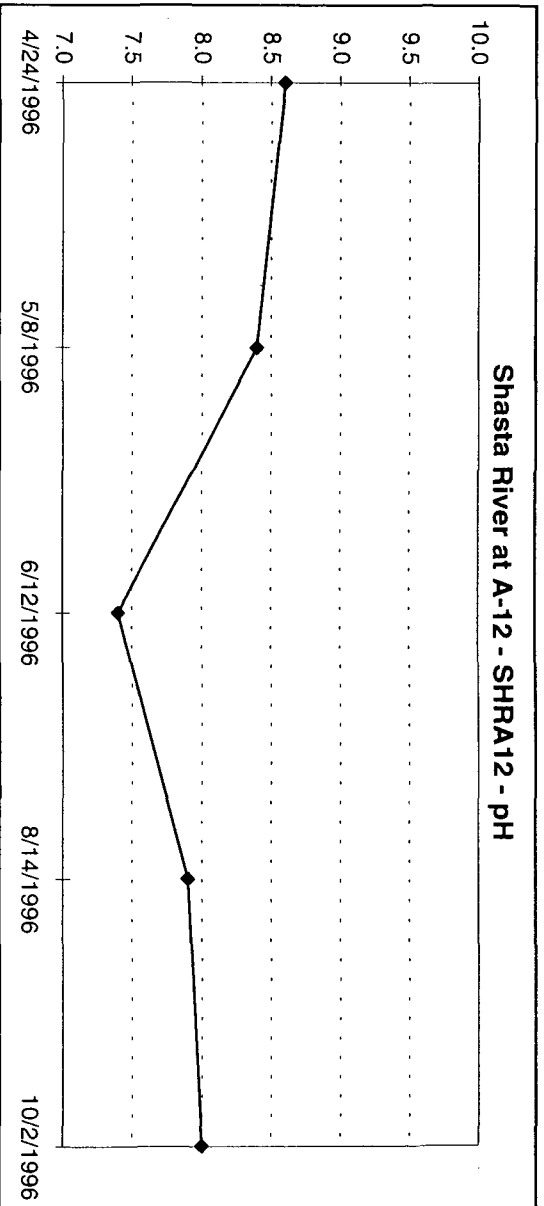
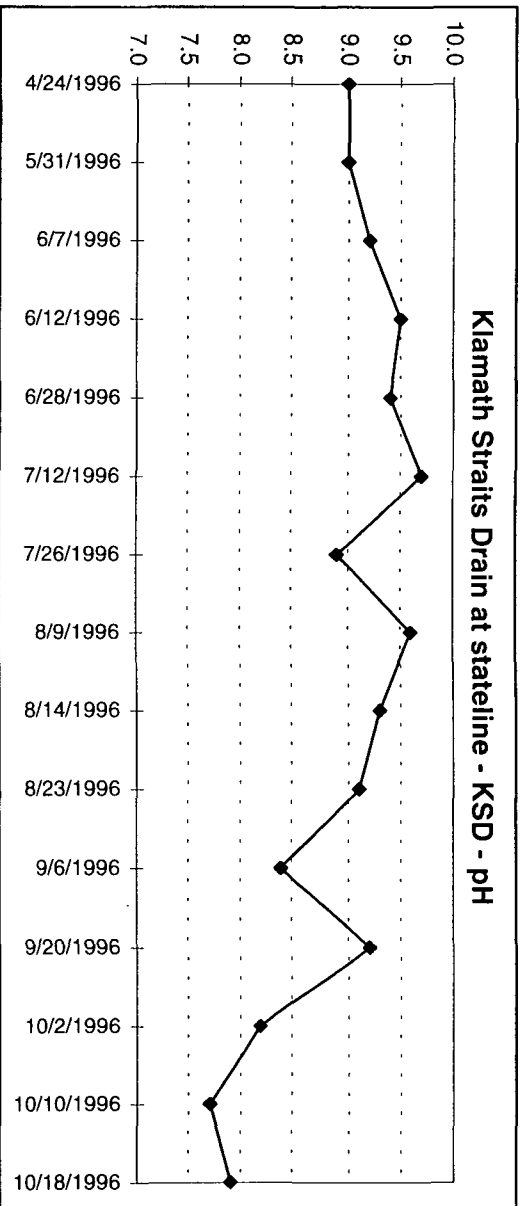
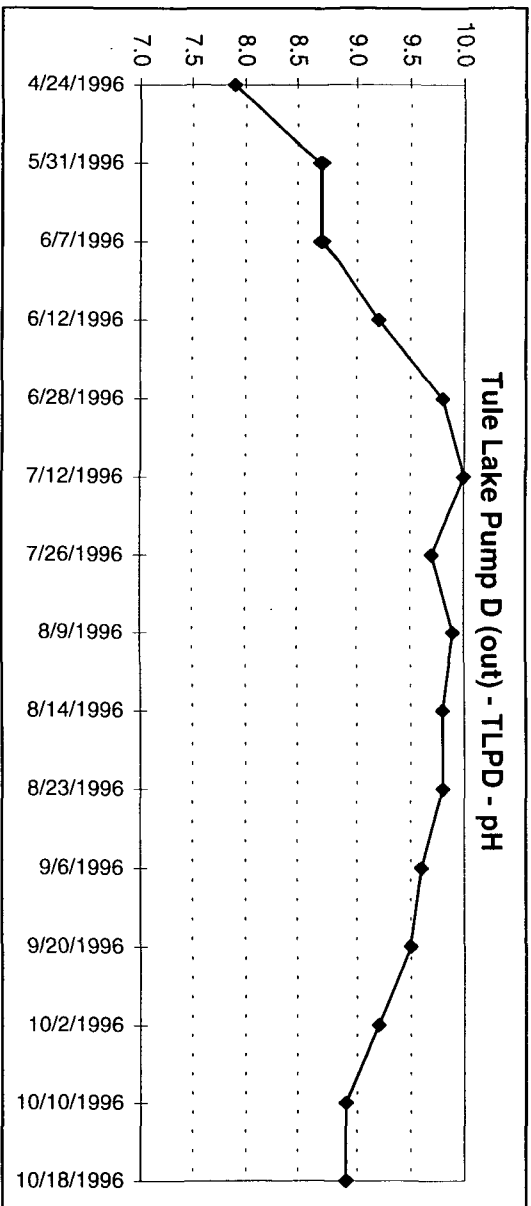
Site pHs



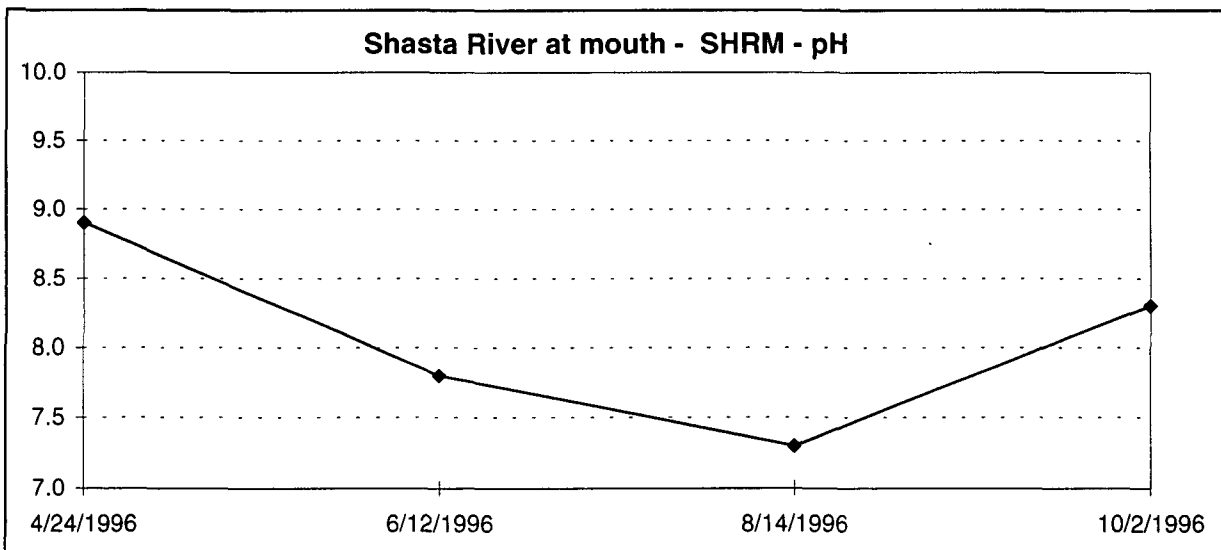
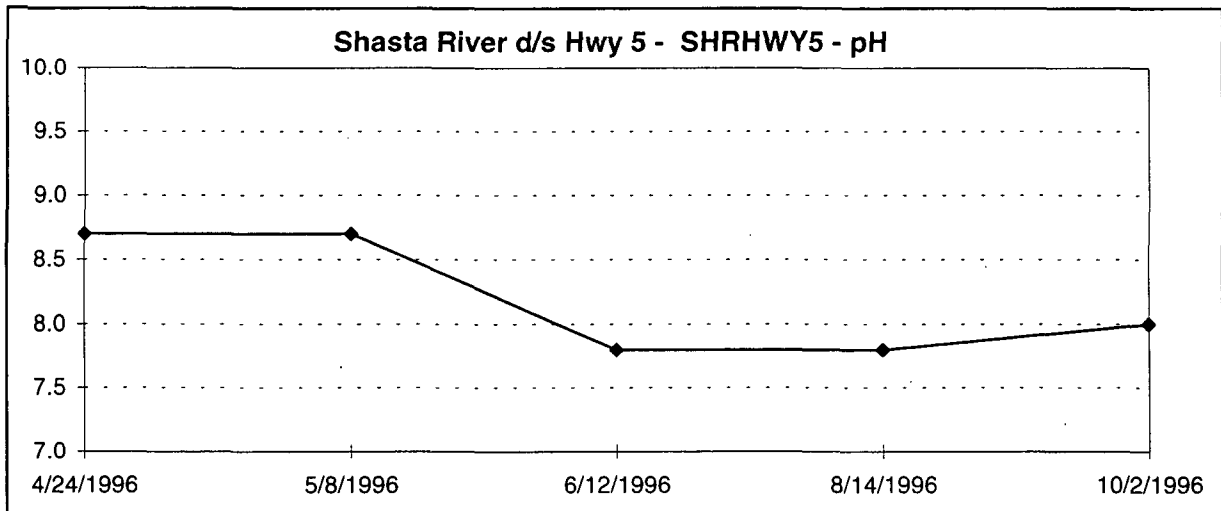
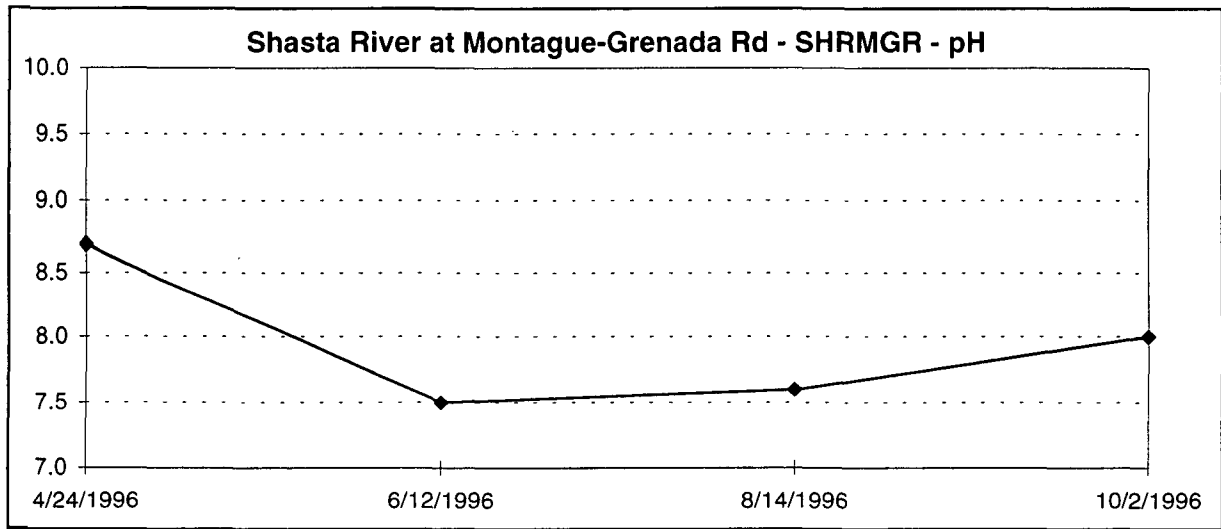
Site pHs



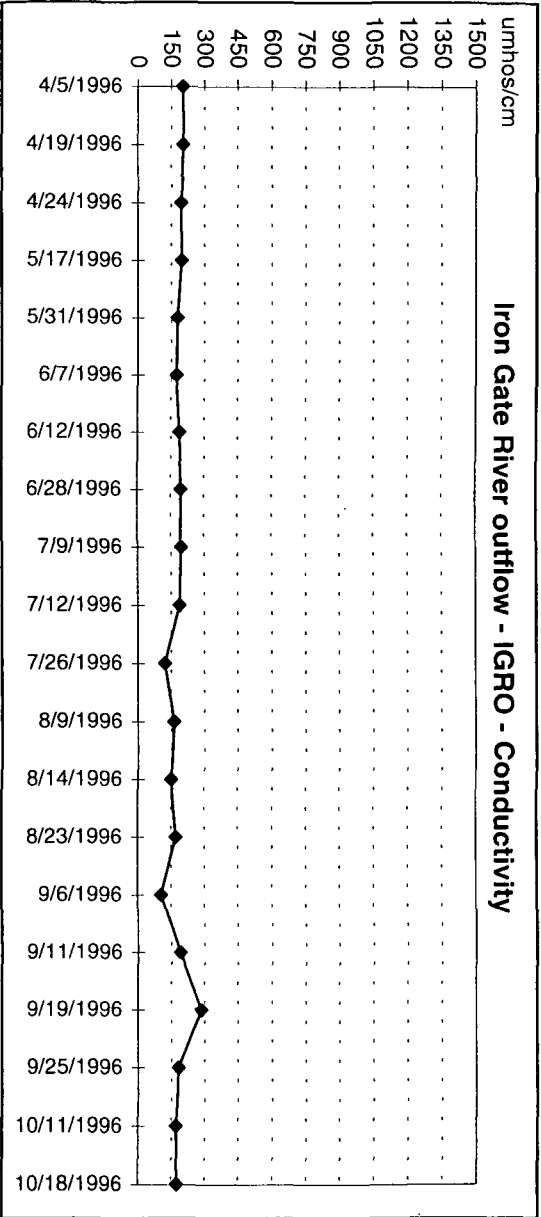
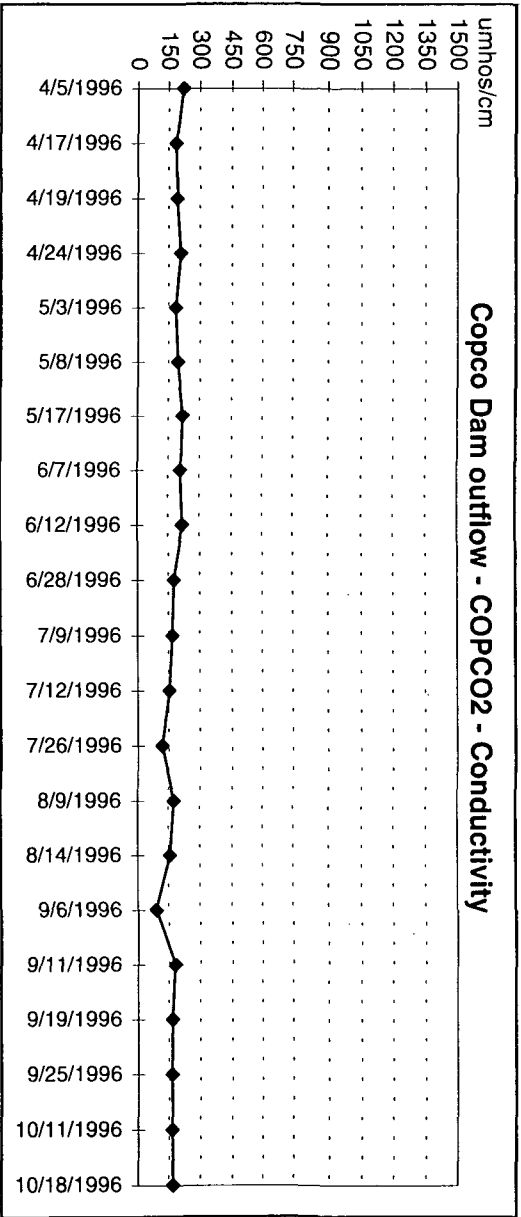
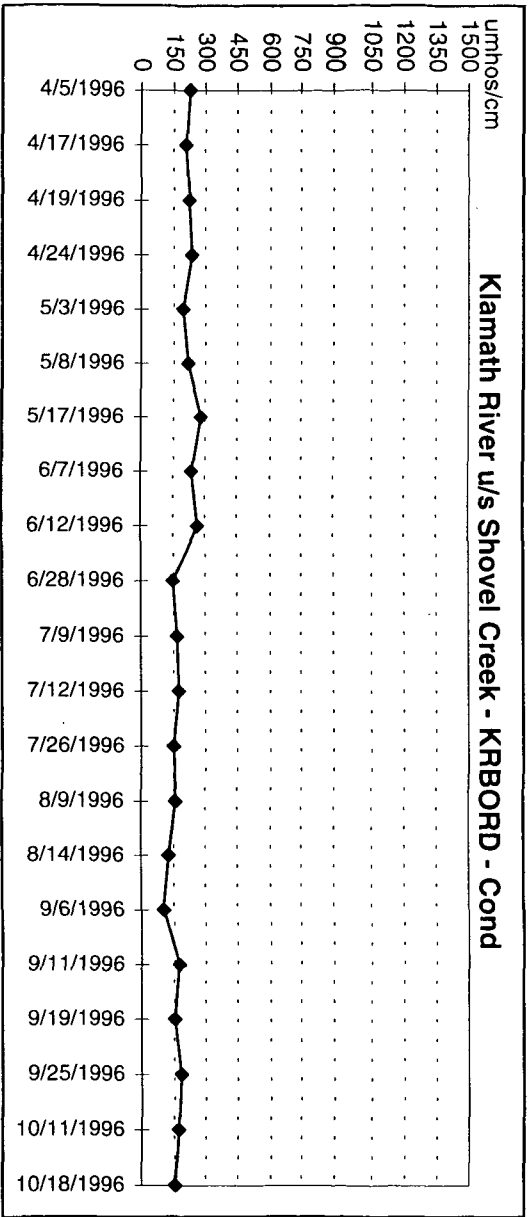
Site pHs



Site pHs

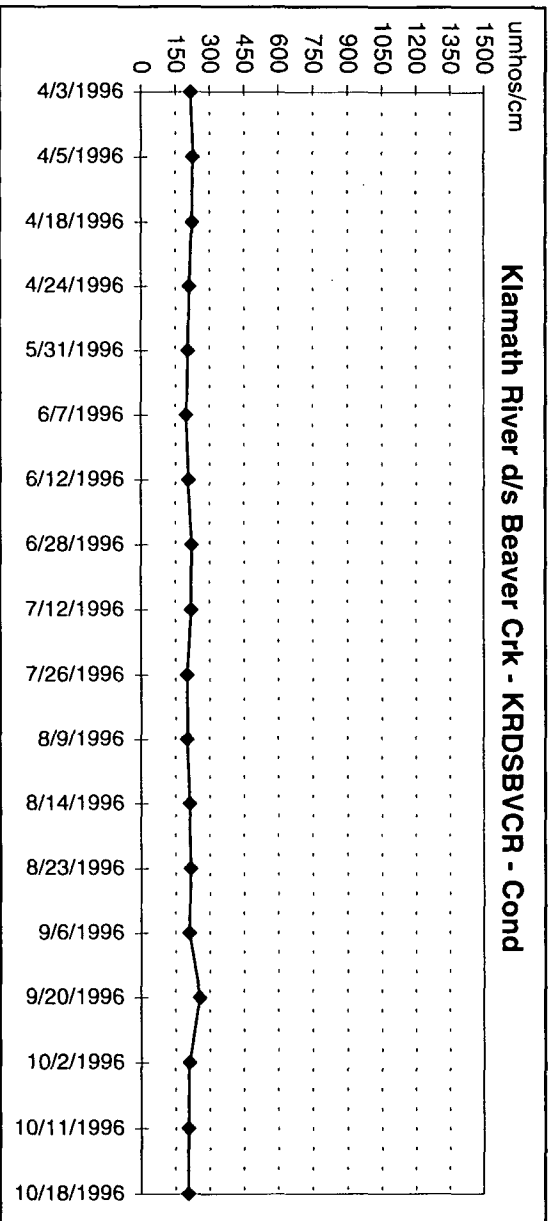
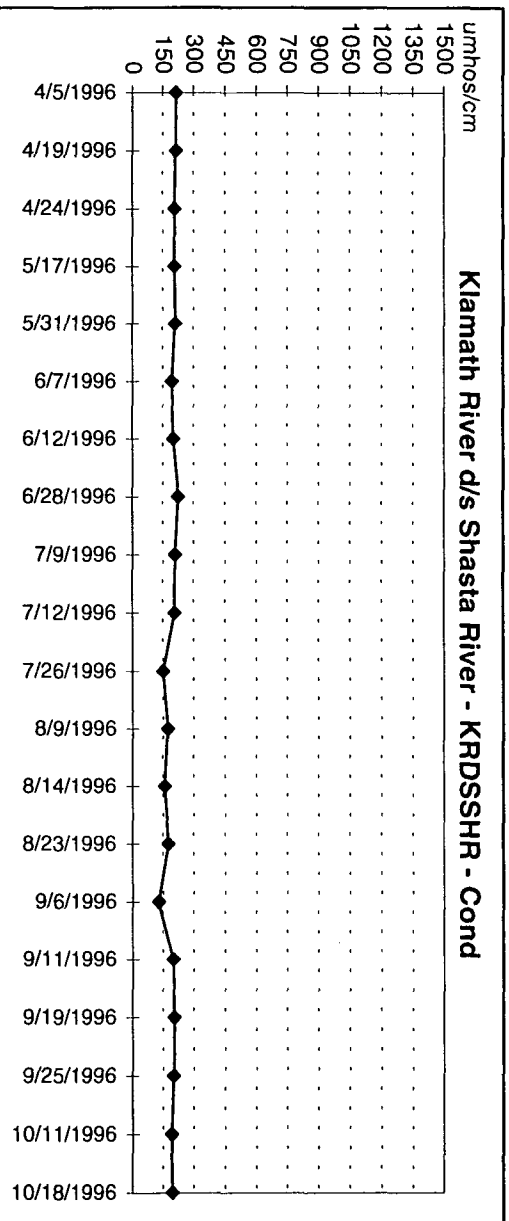
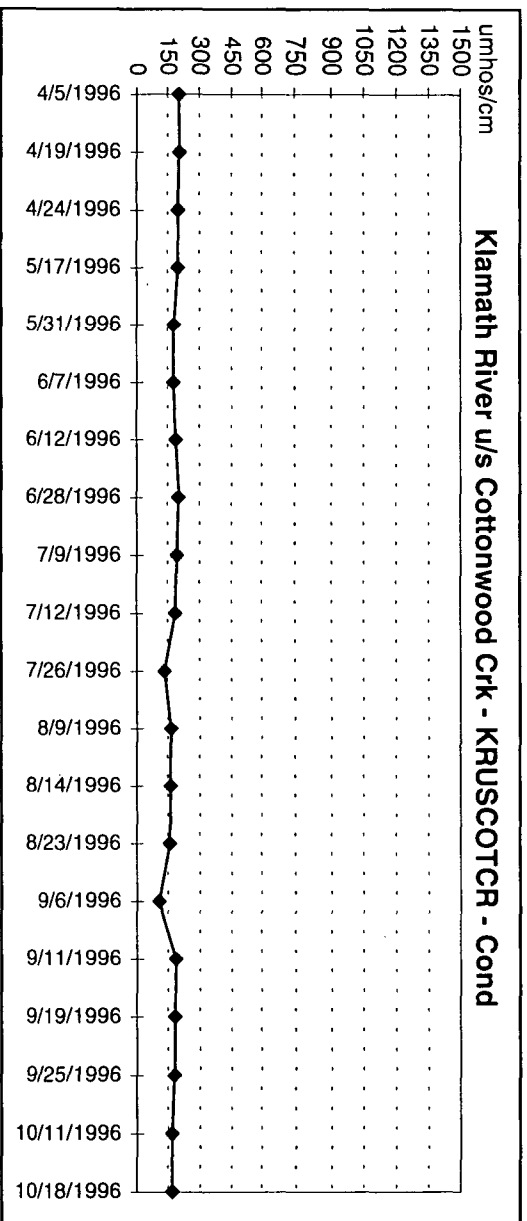


Site Conductivity

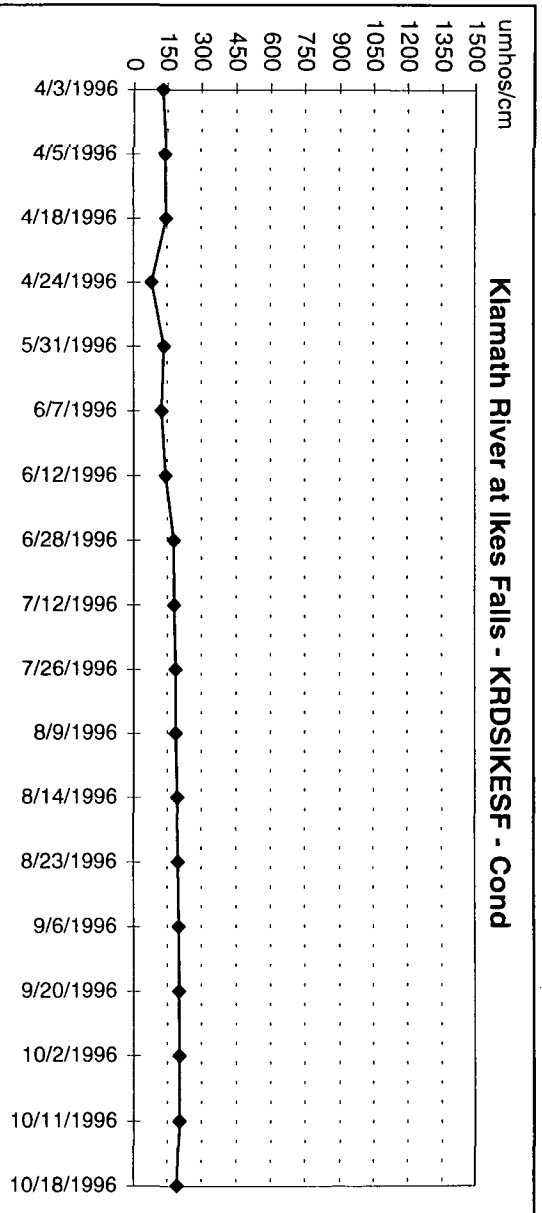
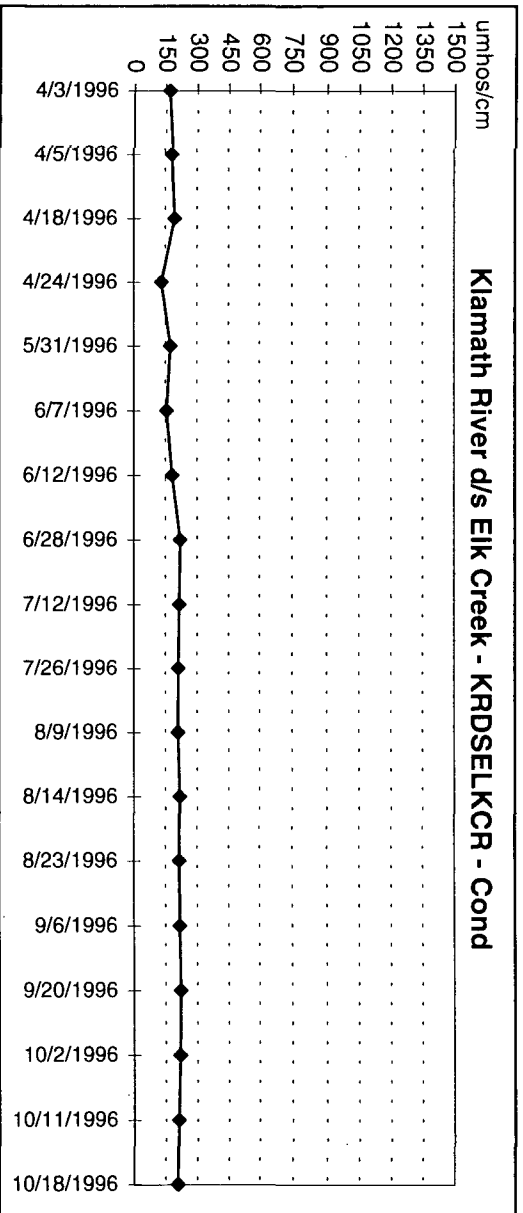
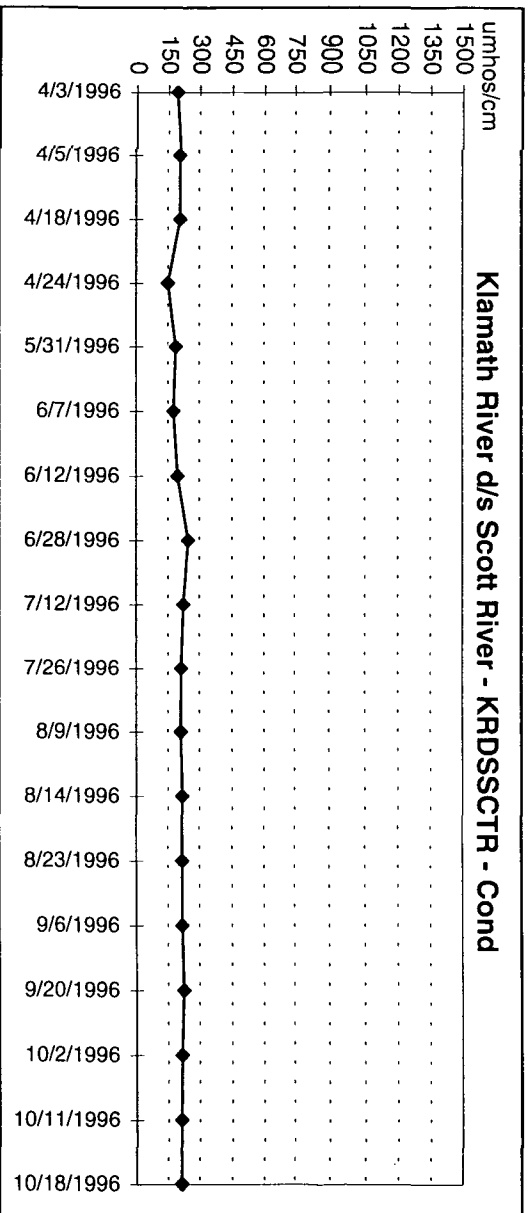


Tab 4

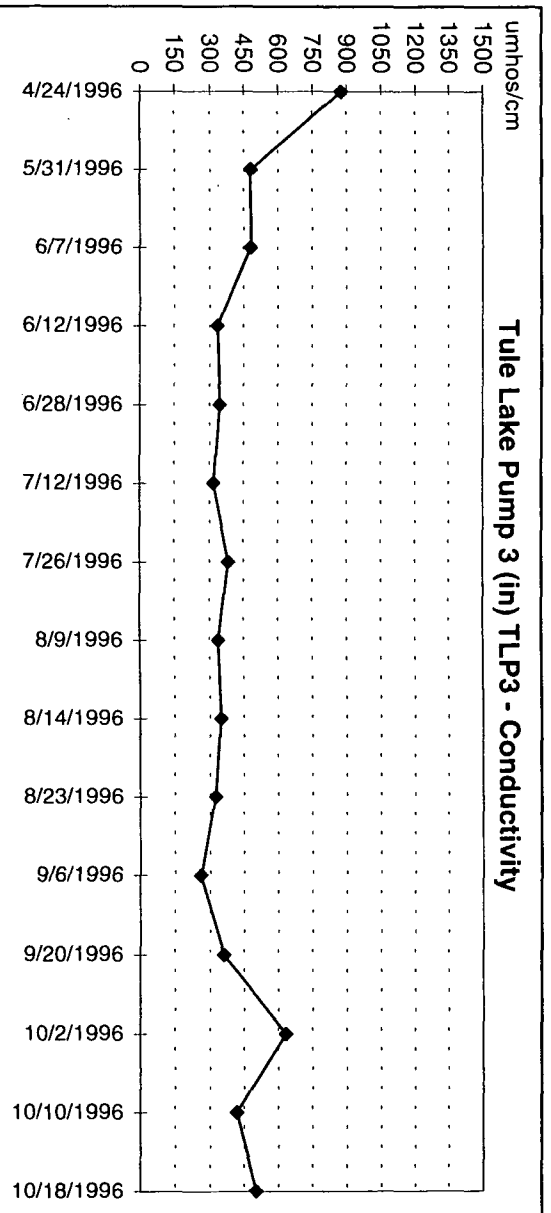
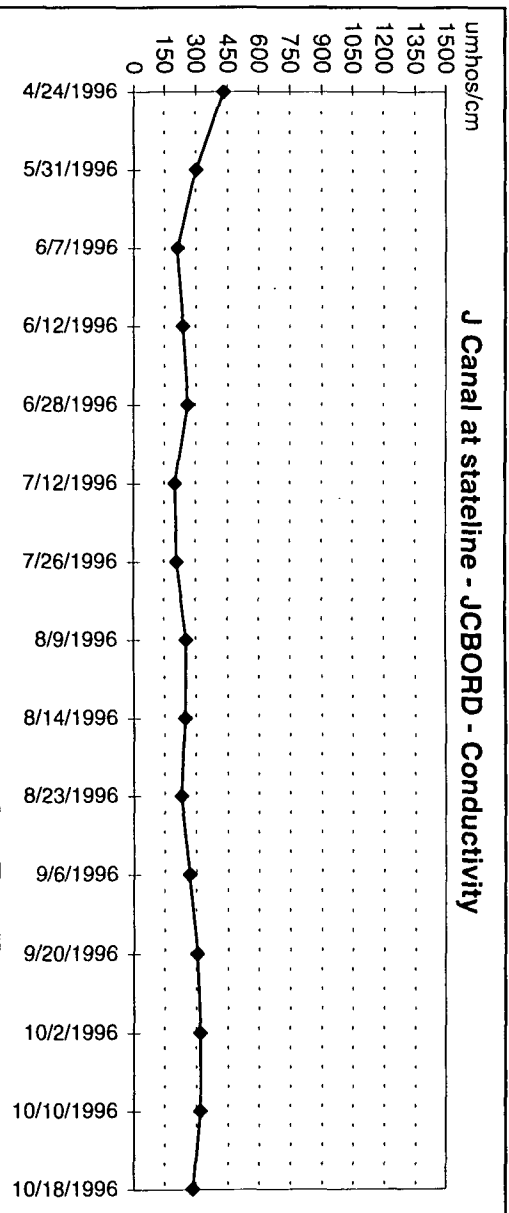
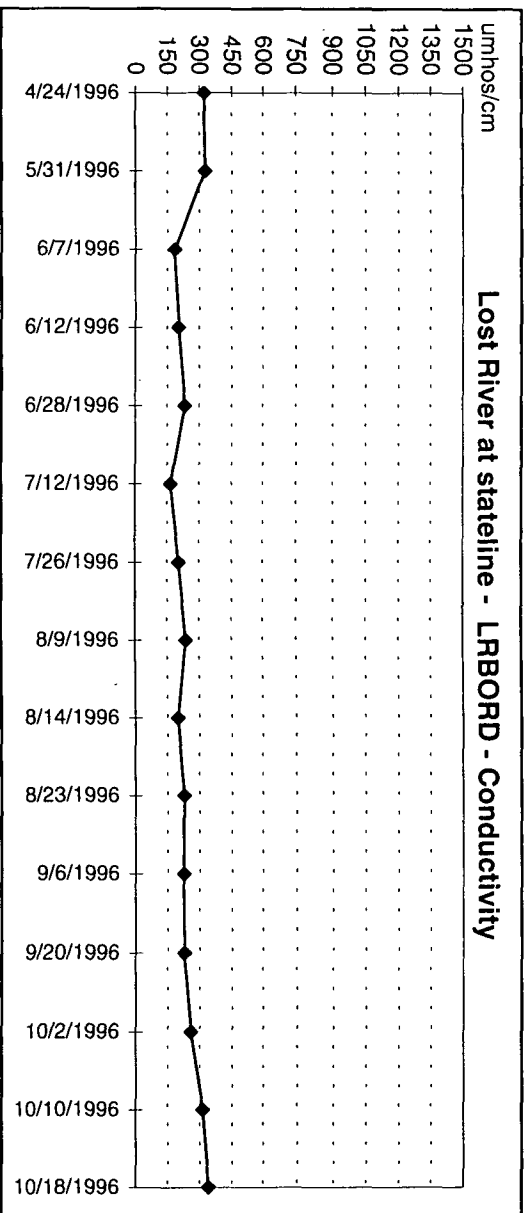
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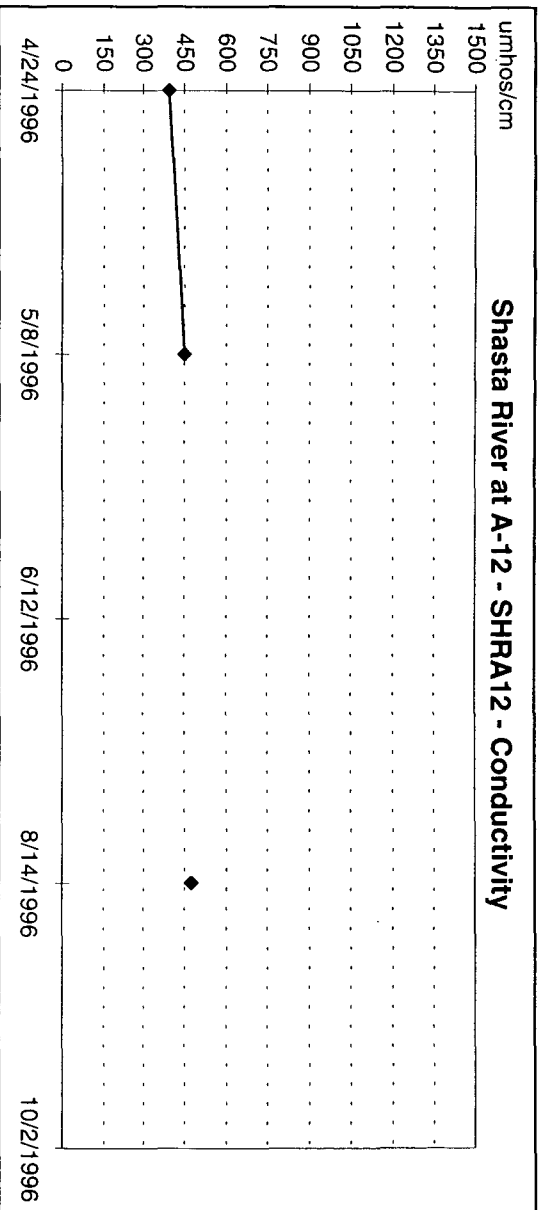
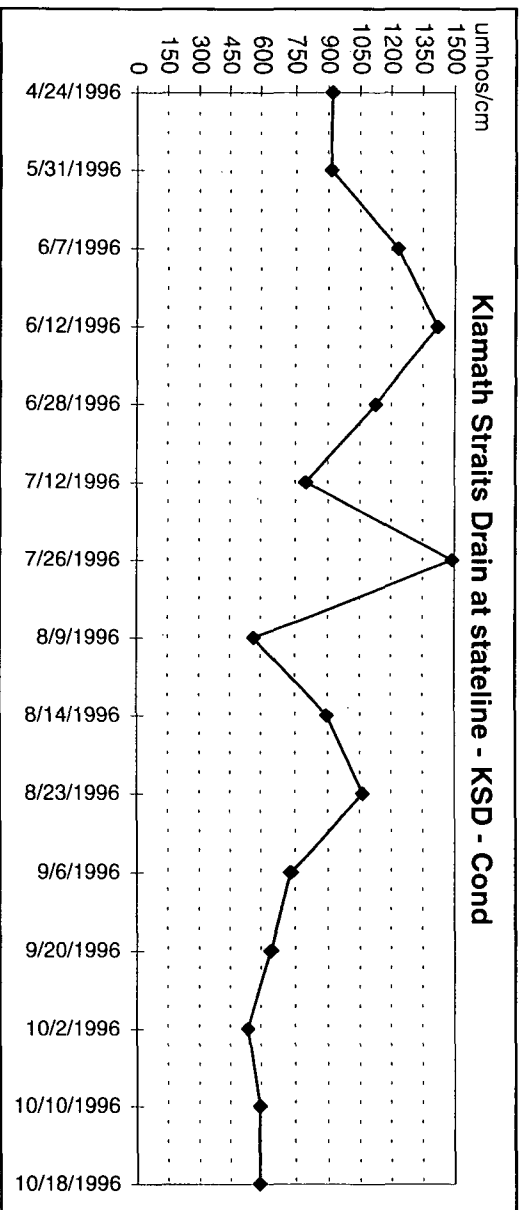
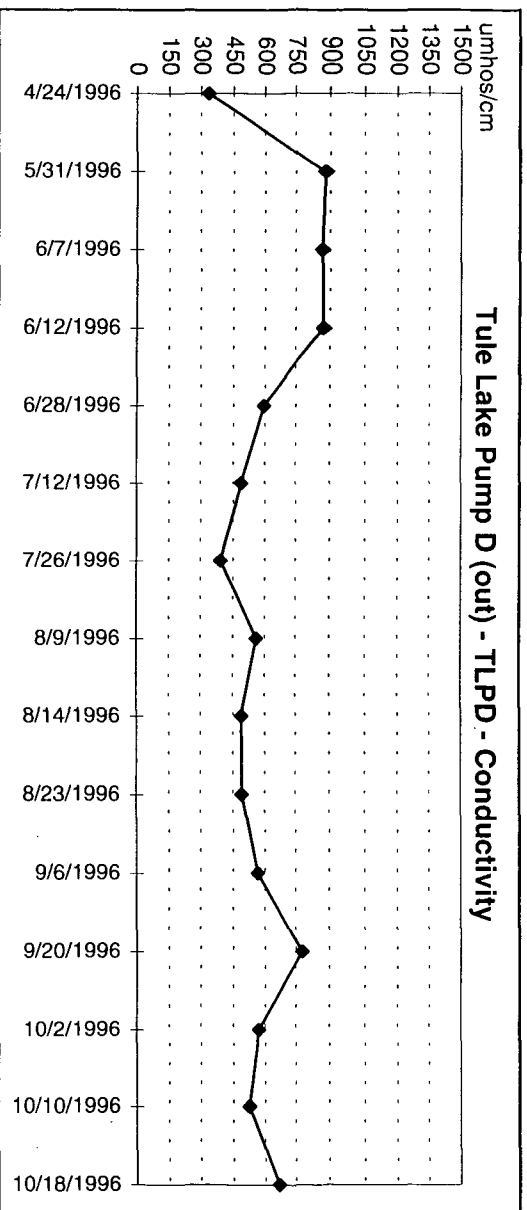
Site Conductivity



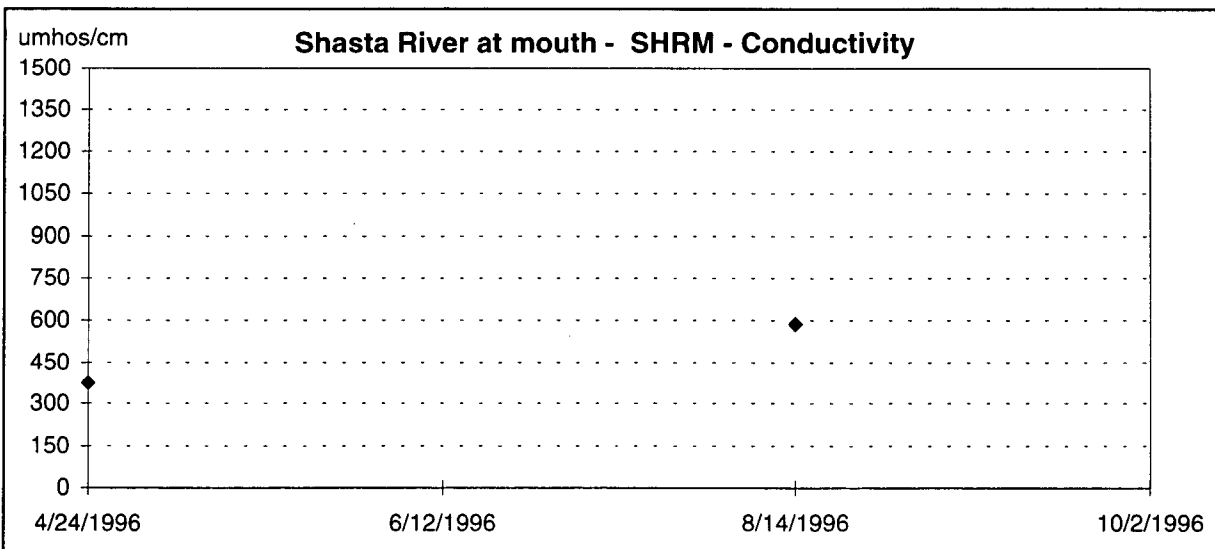
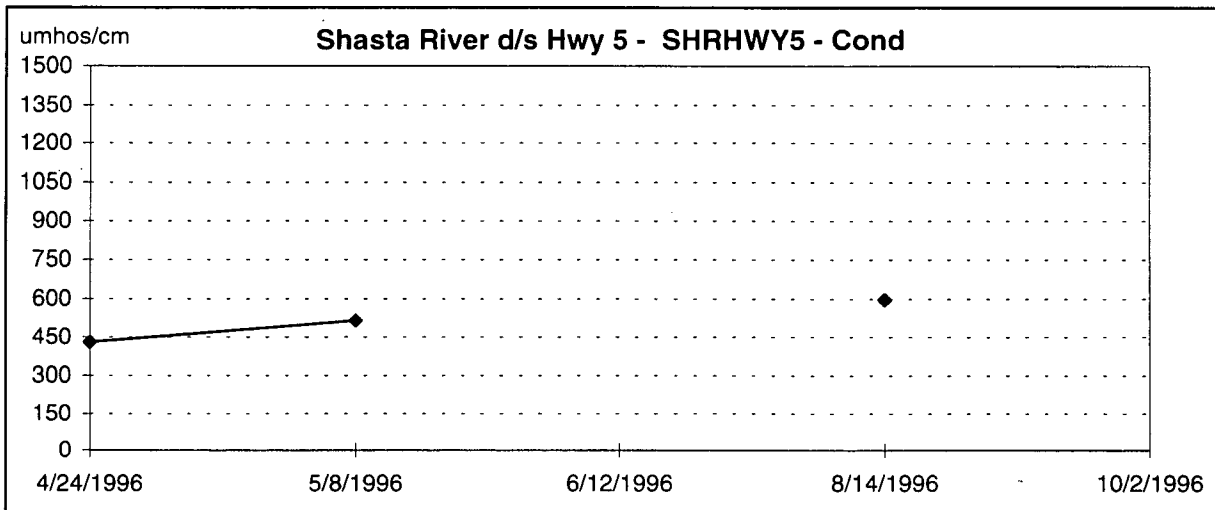
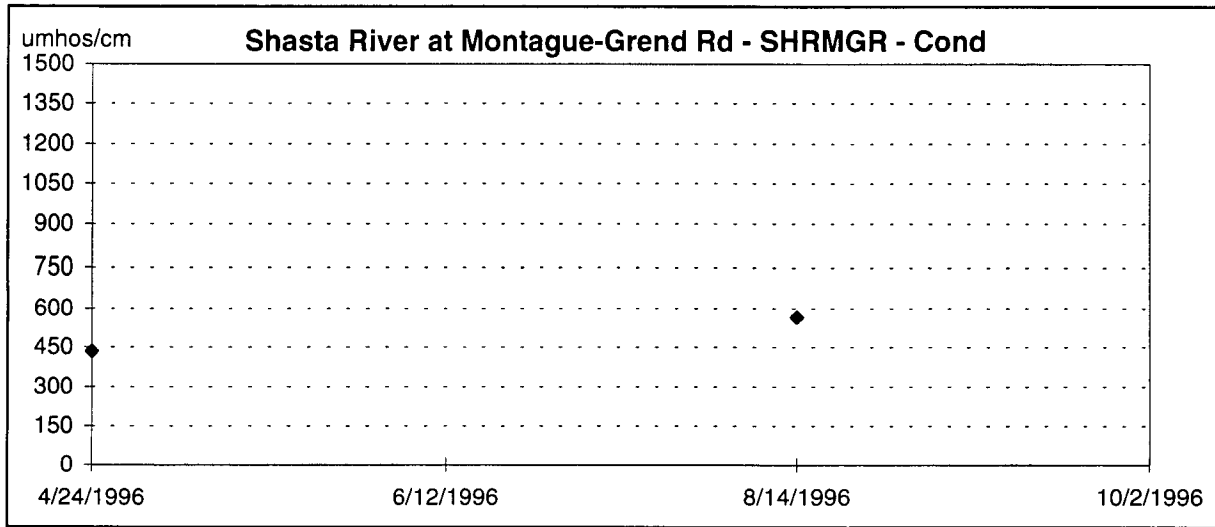
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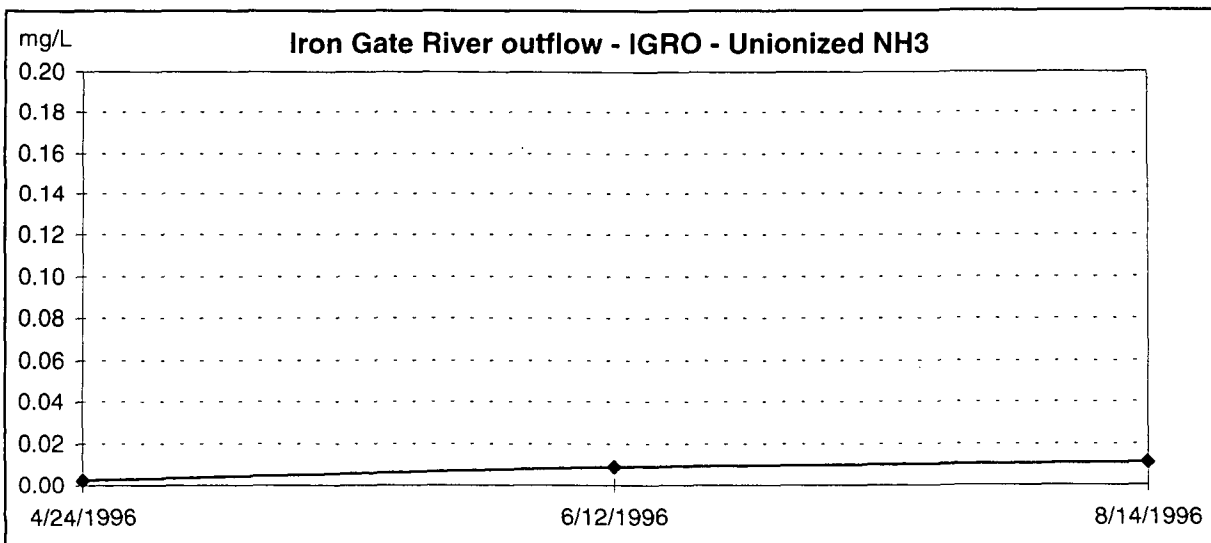
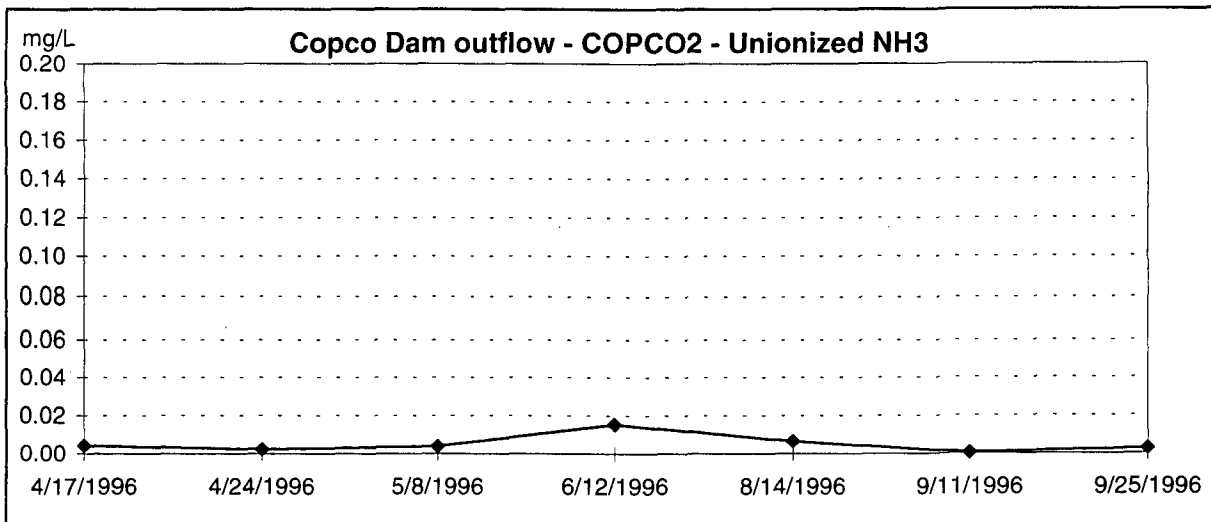
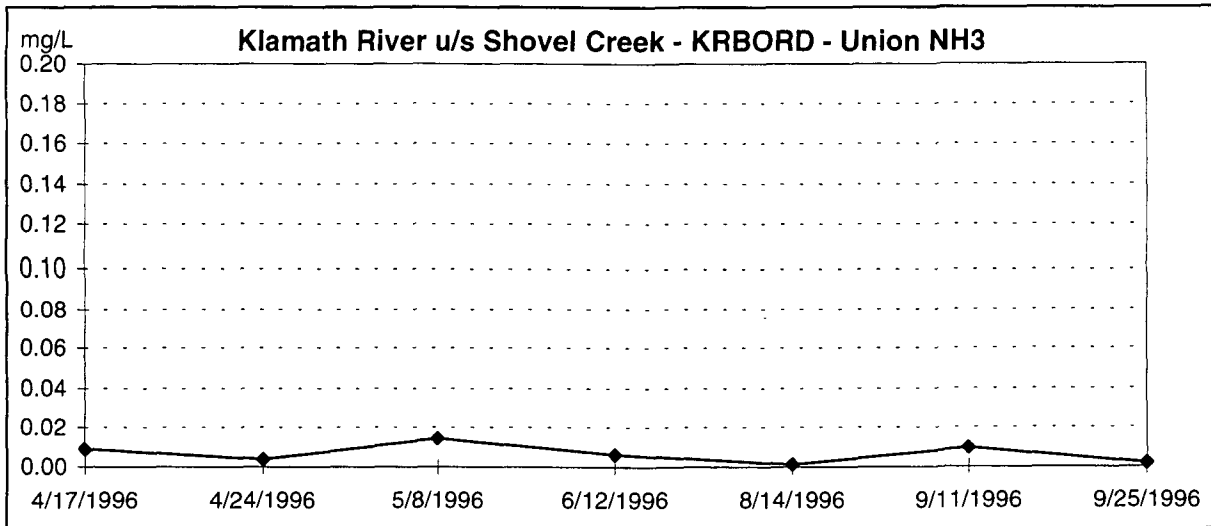
Site Conductivity



Site Conductivity

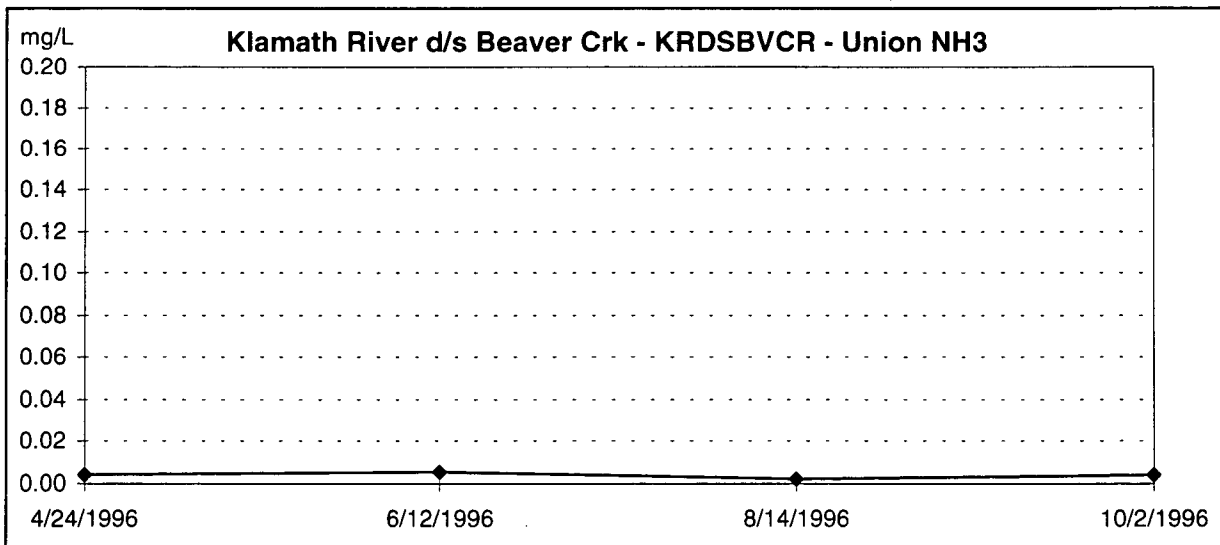
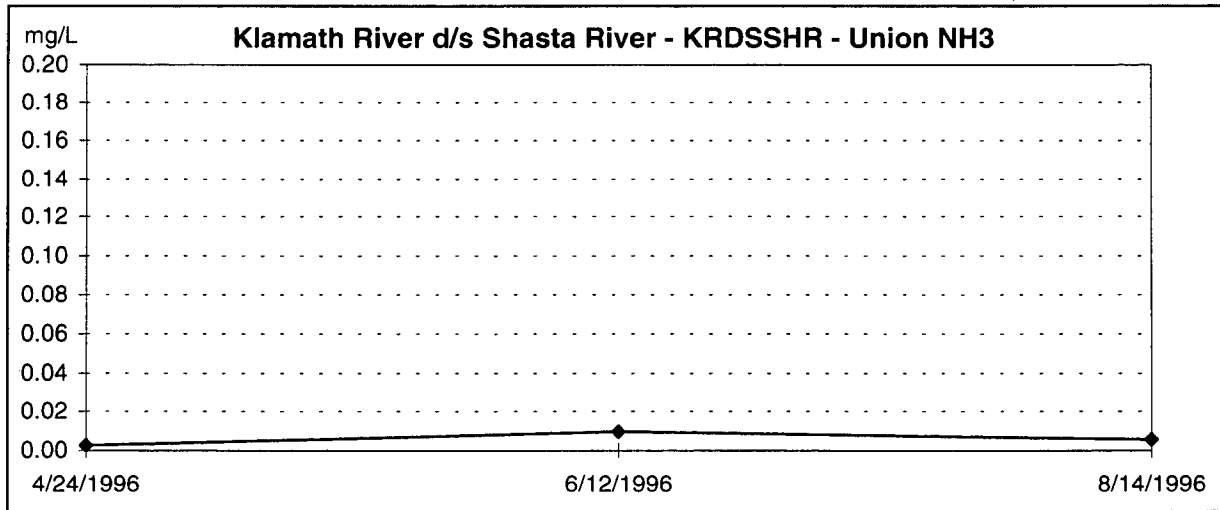
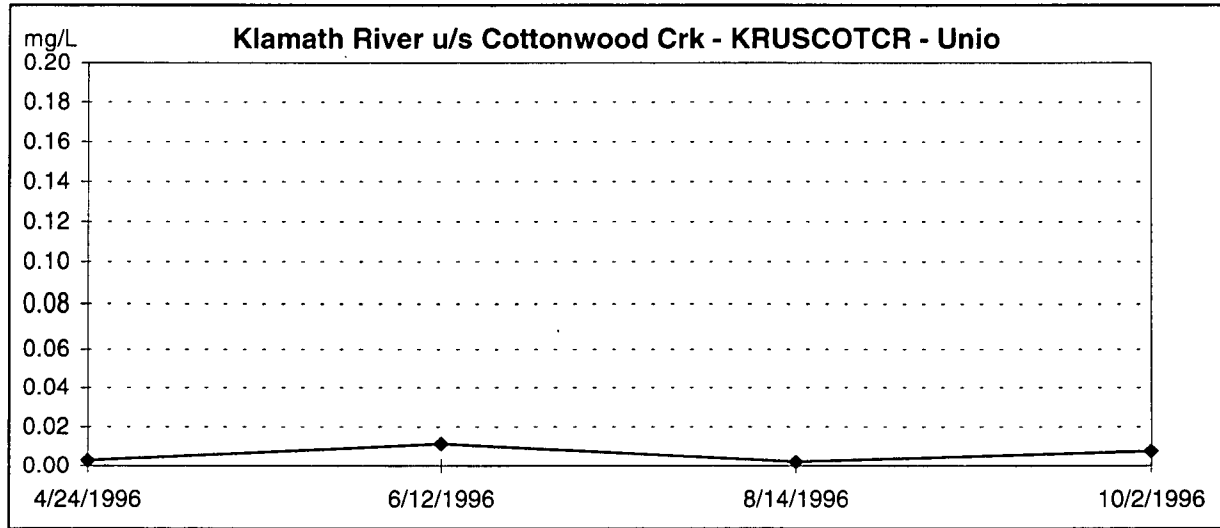


Site Unionized NH3

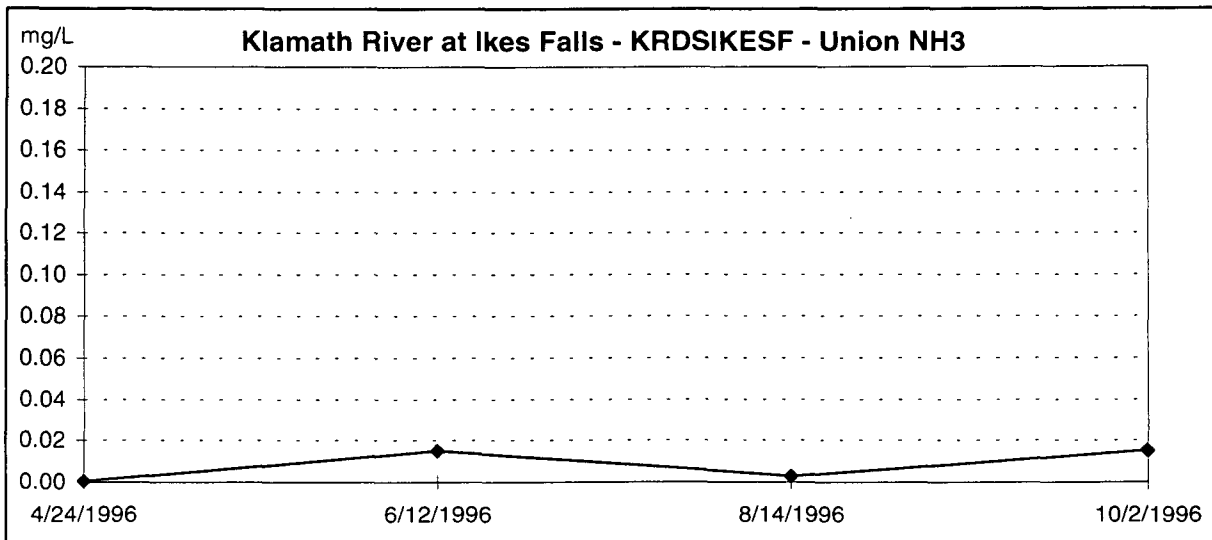
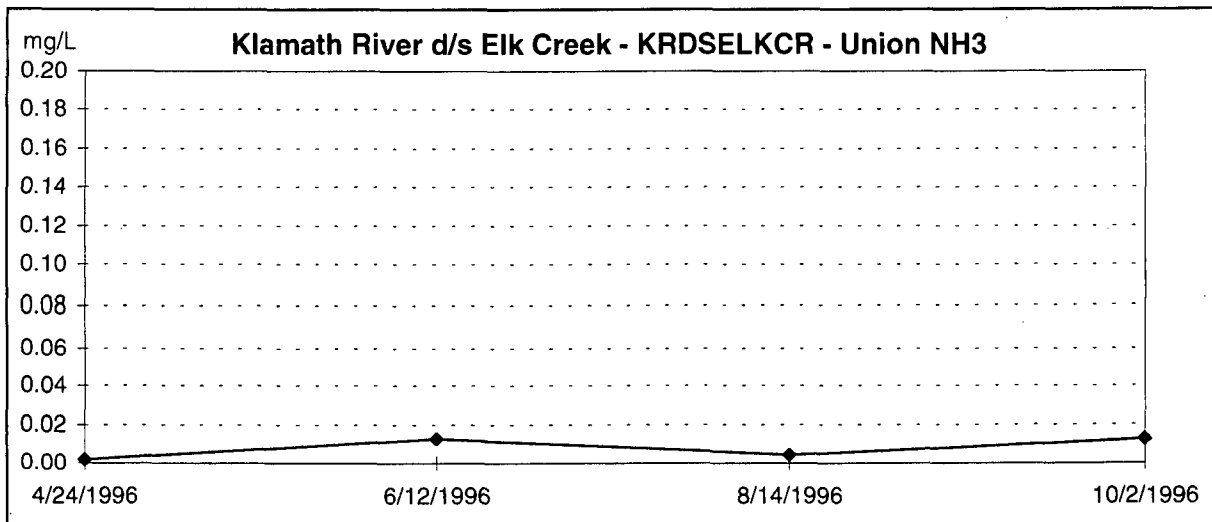
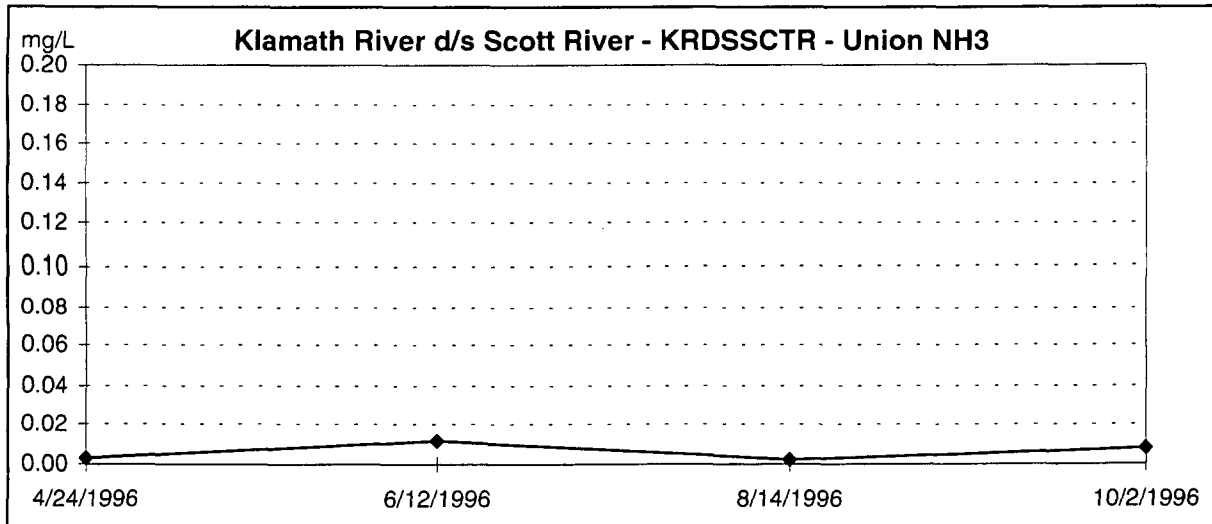


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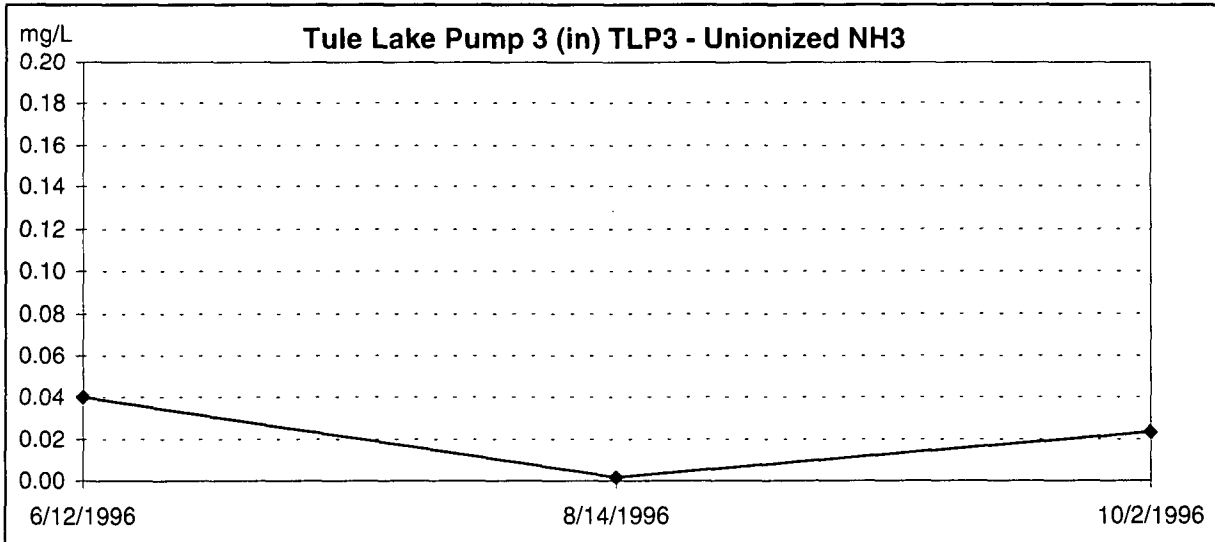
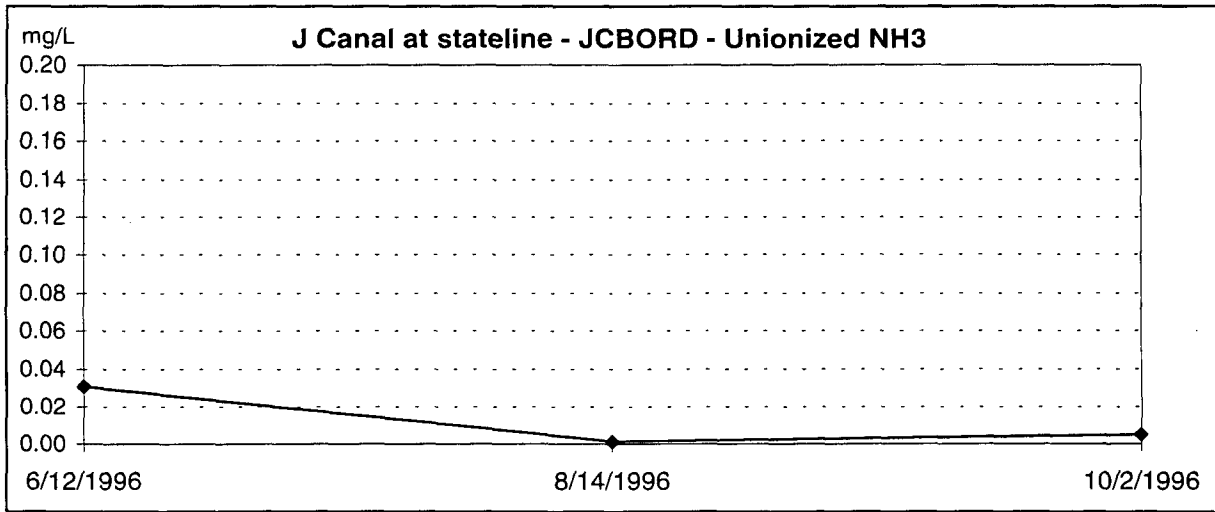
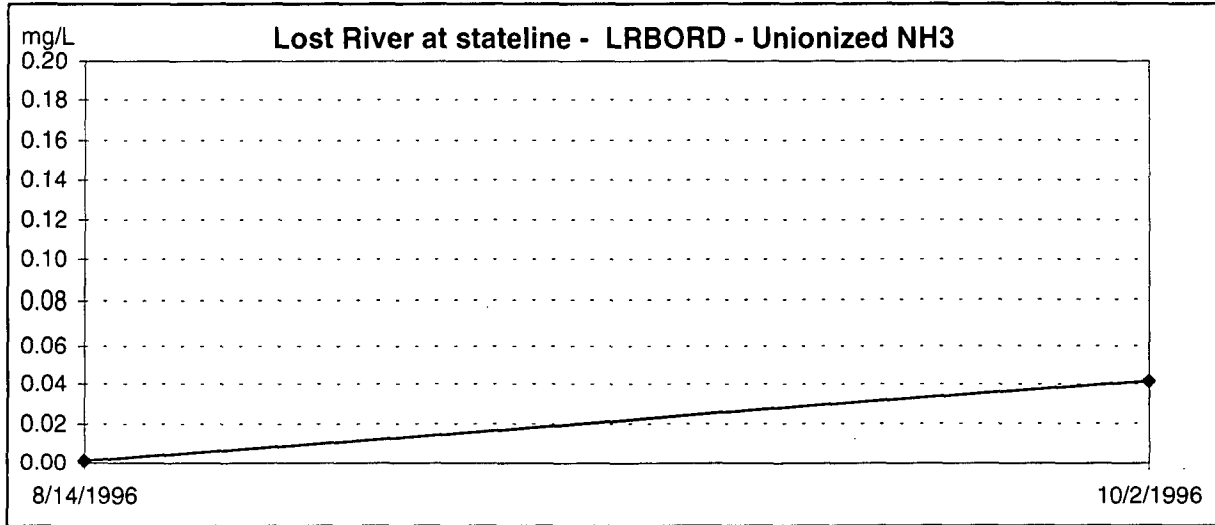
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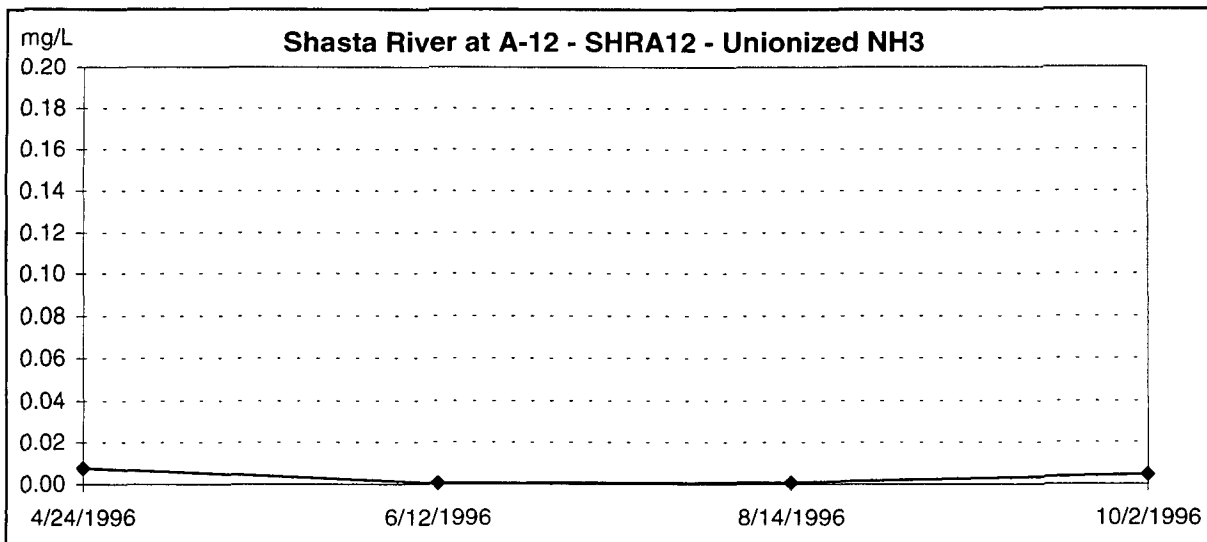
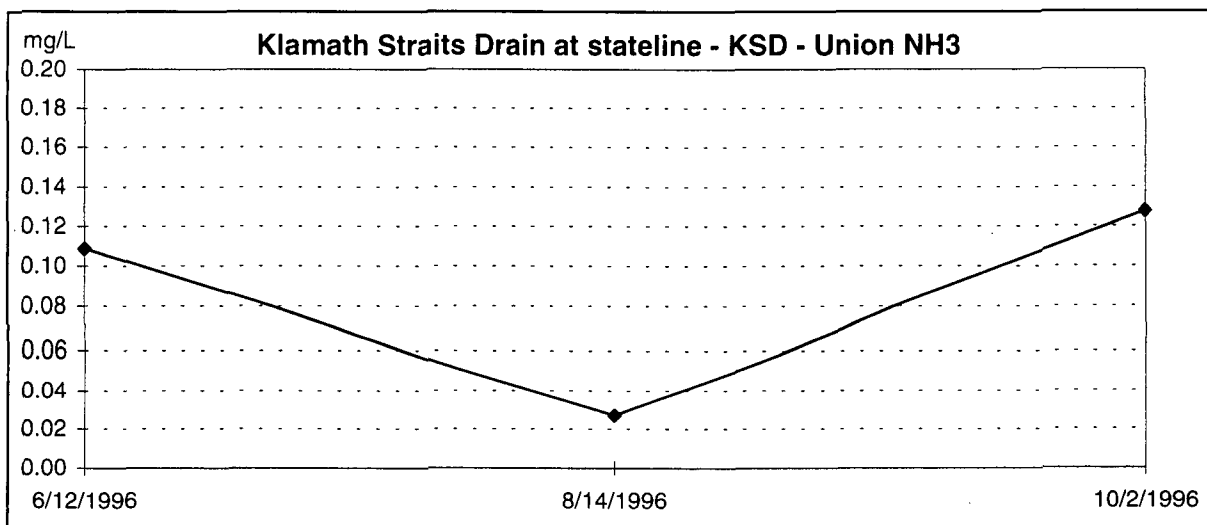
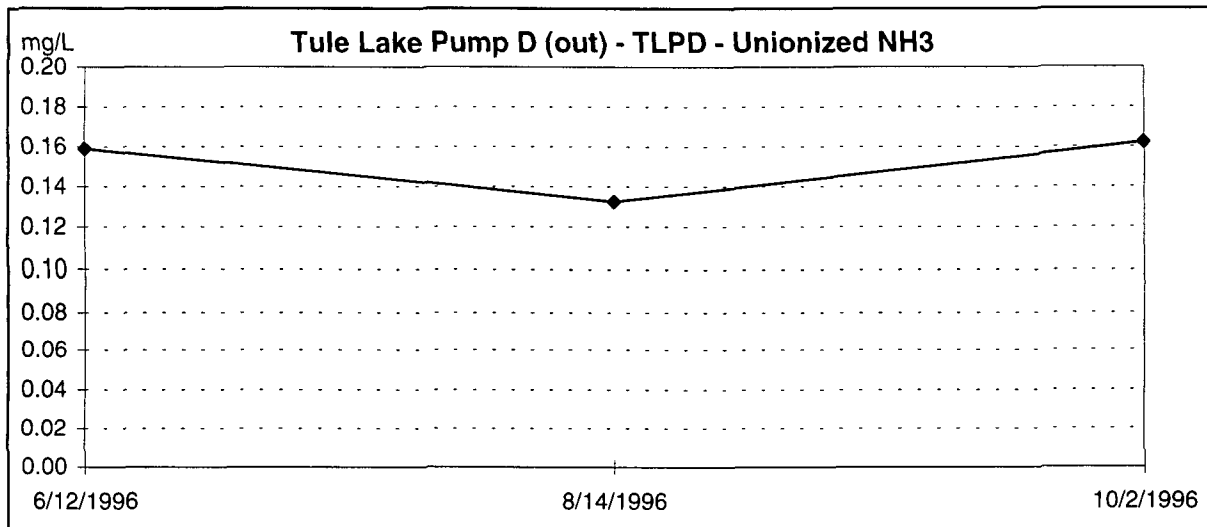
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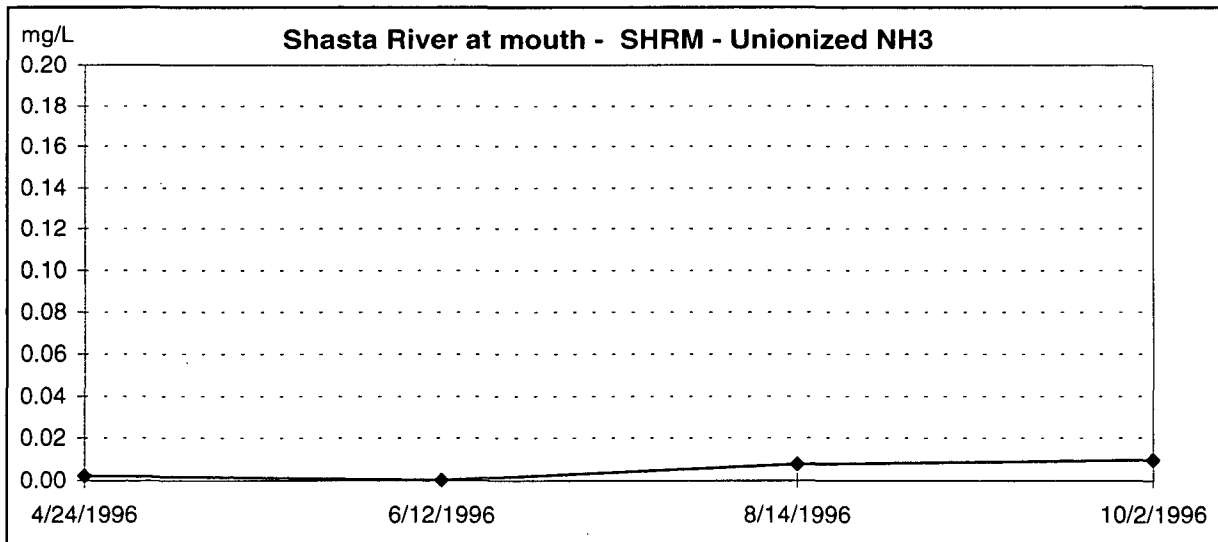
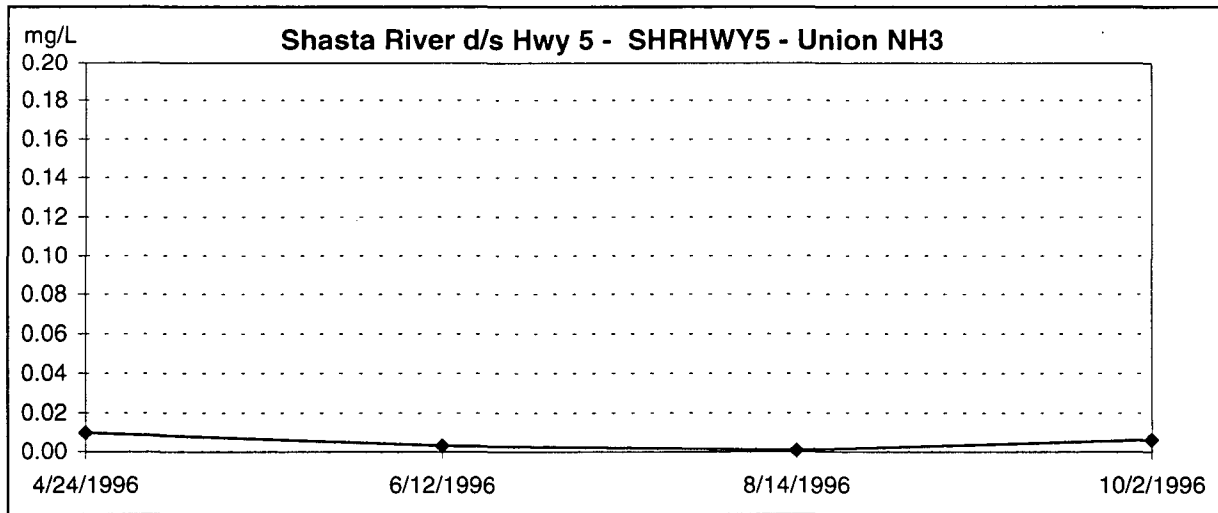
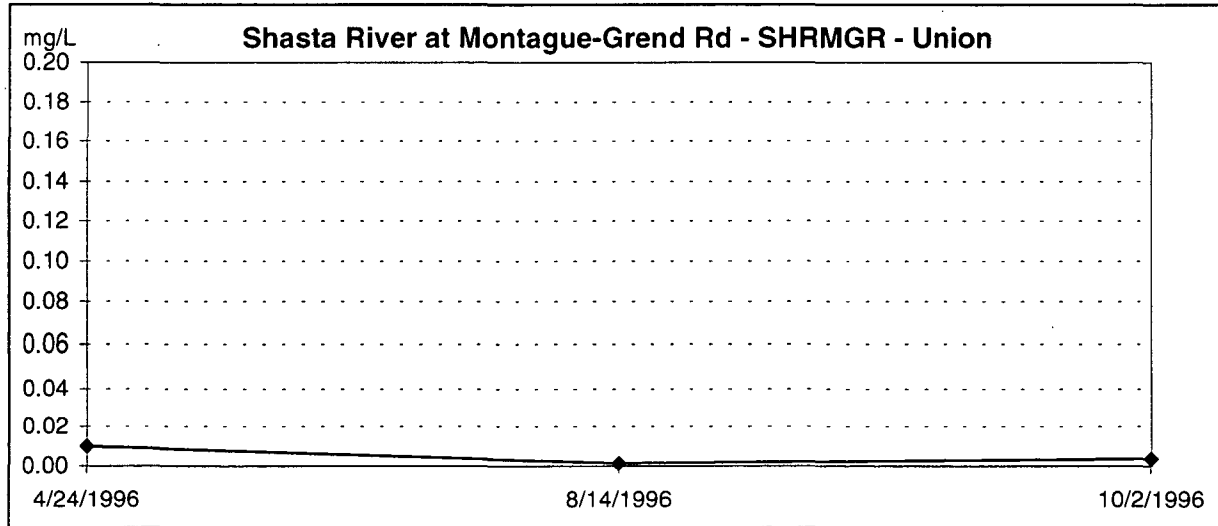
Site Unionized NH3



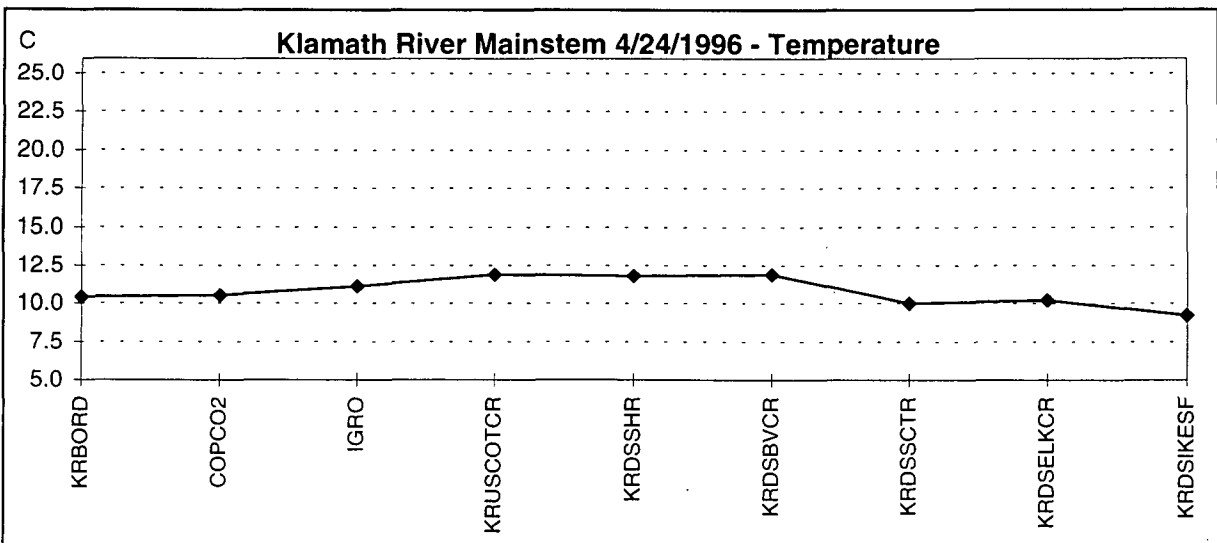
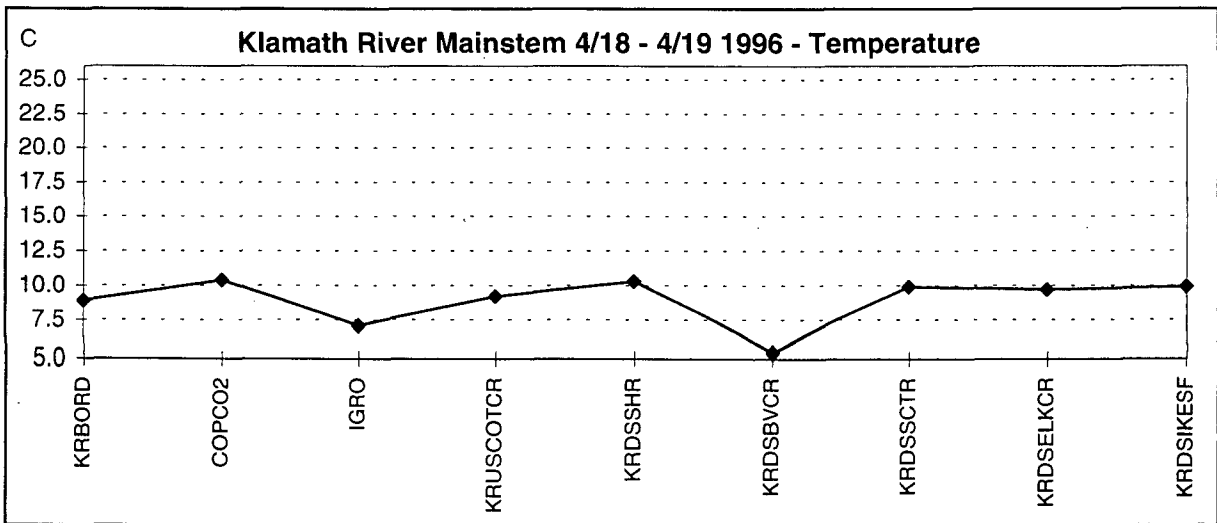
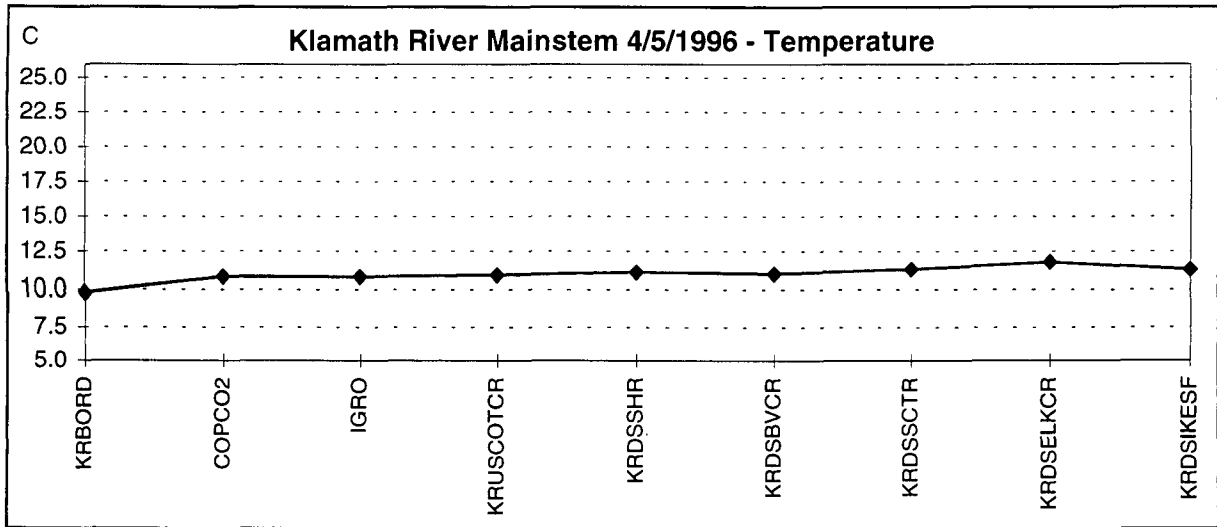
Site Unionized NH3



Site Unionized NH3

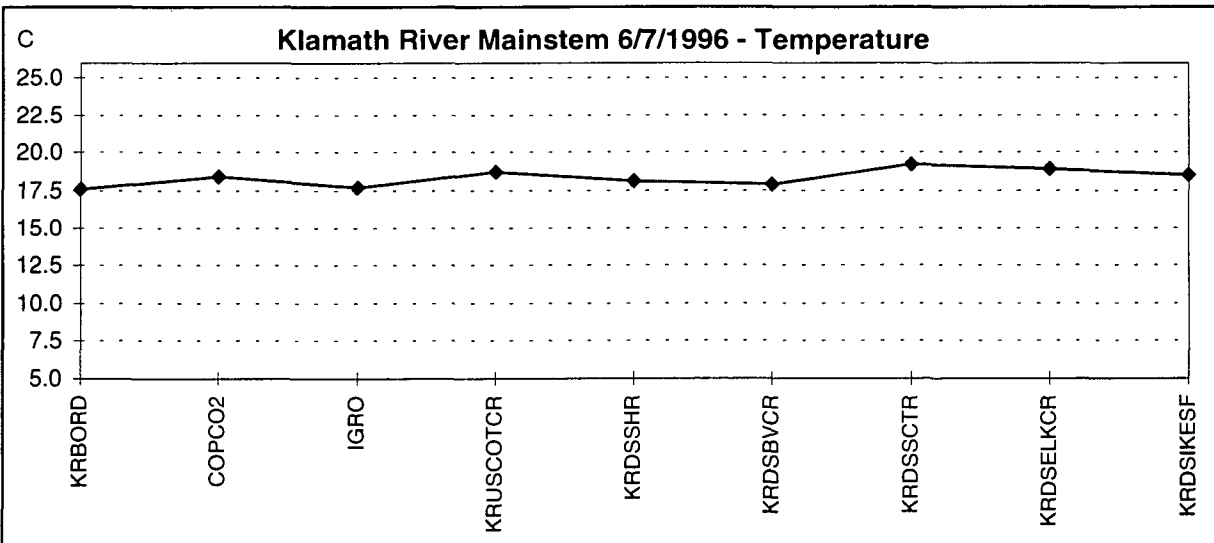
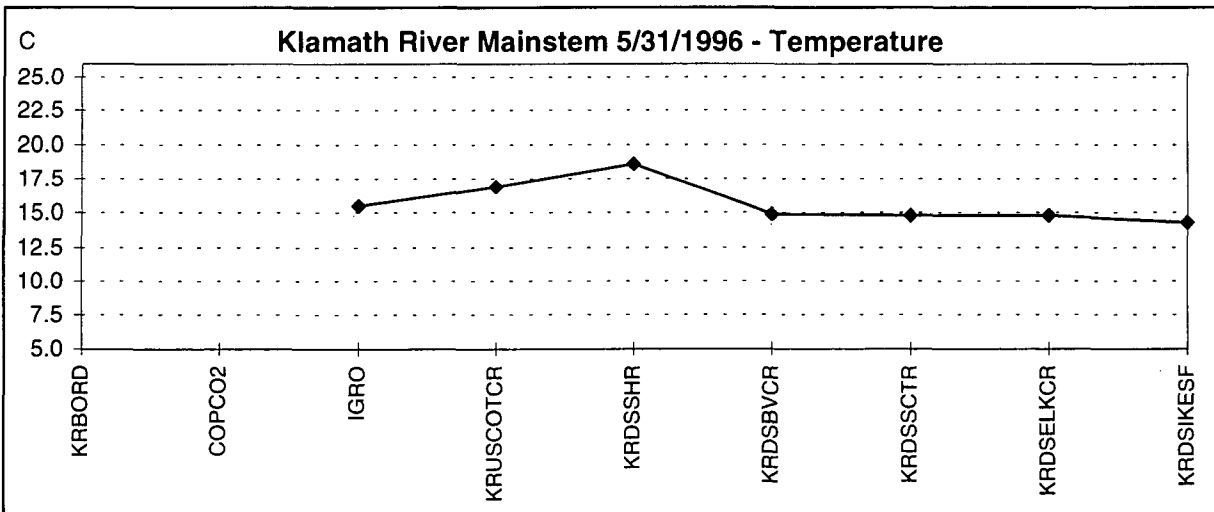
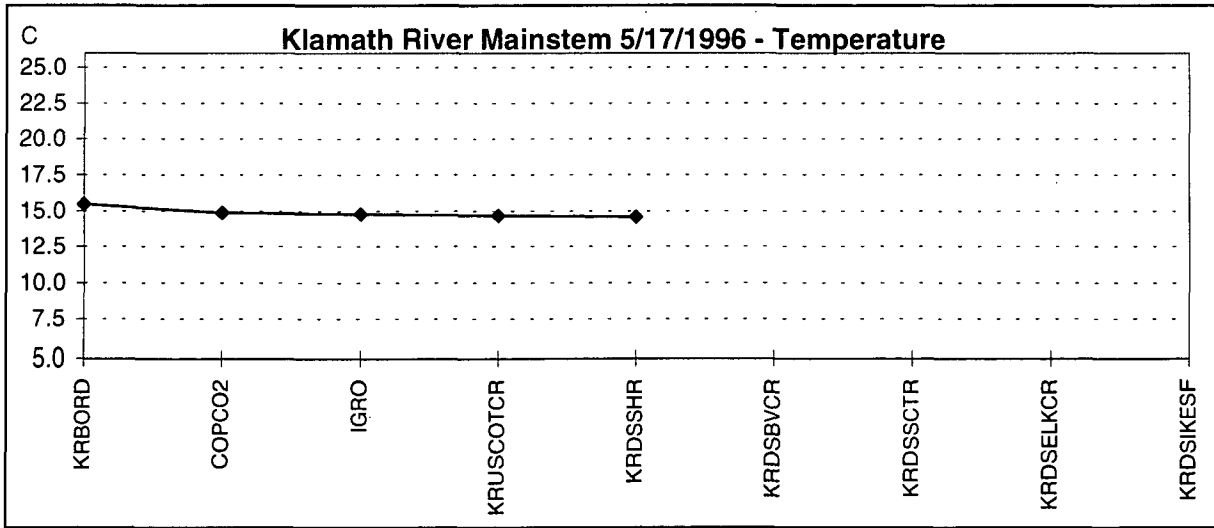


Mainstem Date Temps

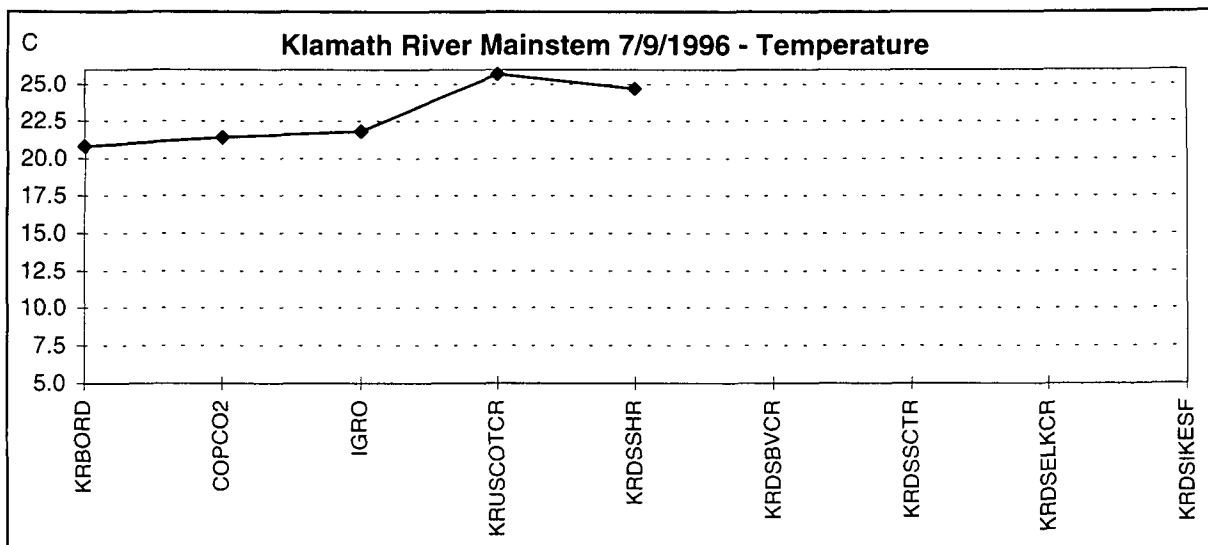
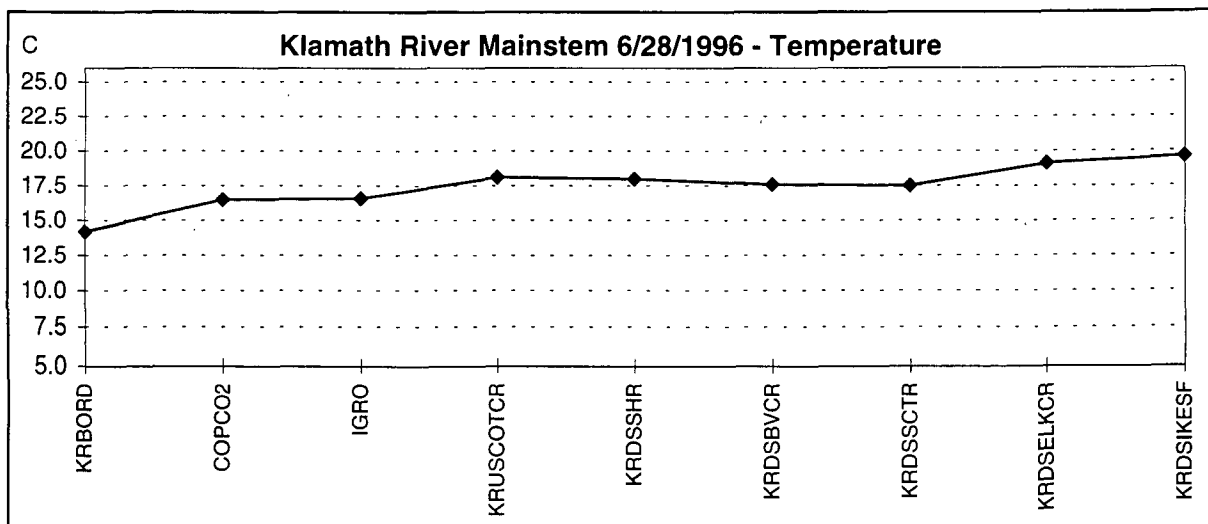
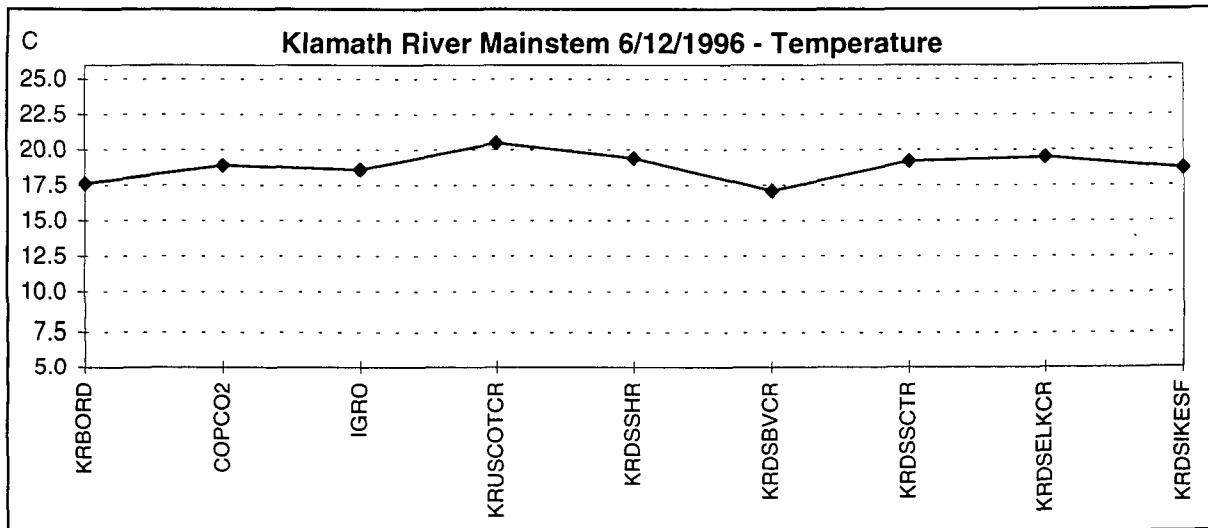


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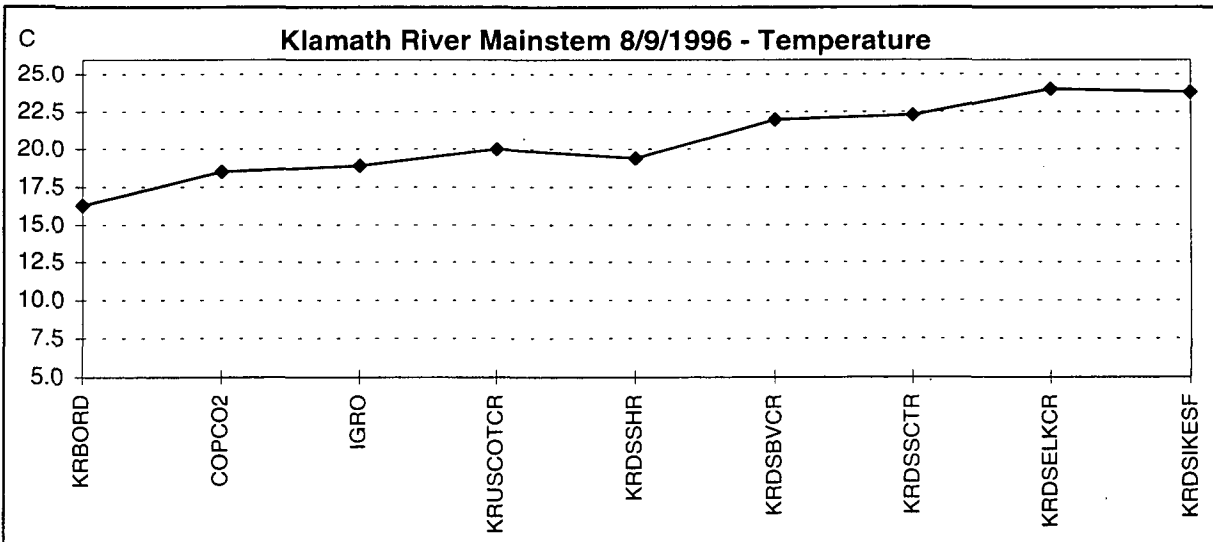
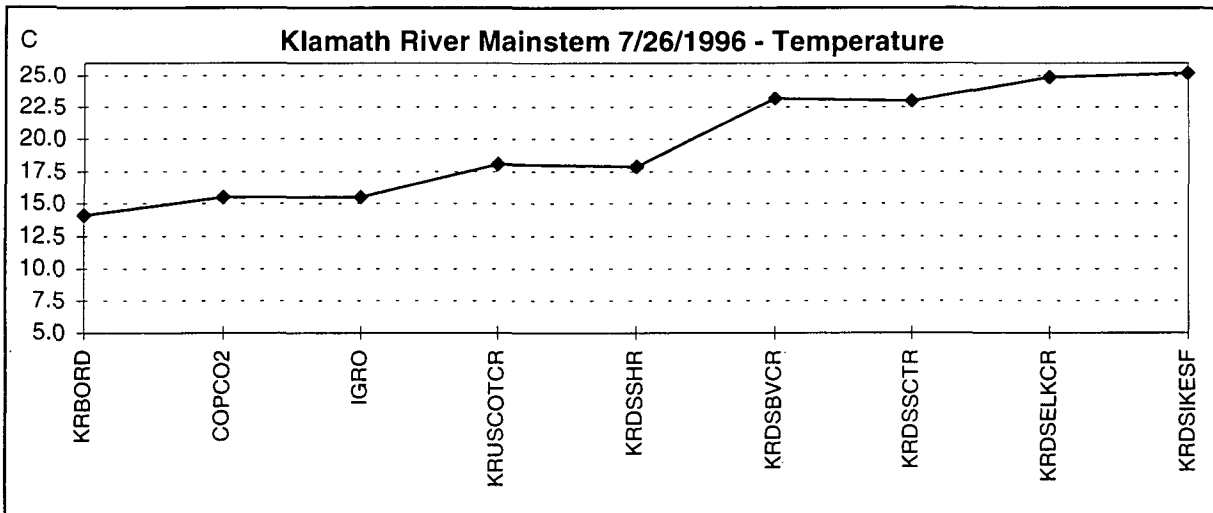
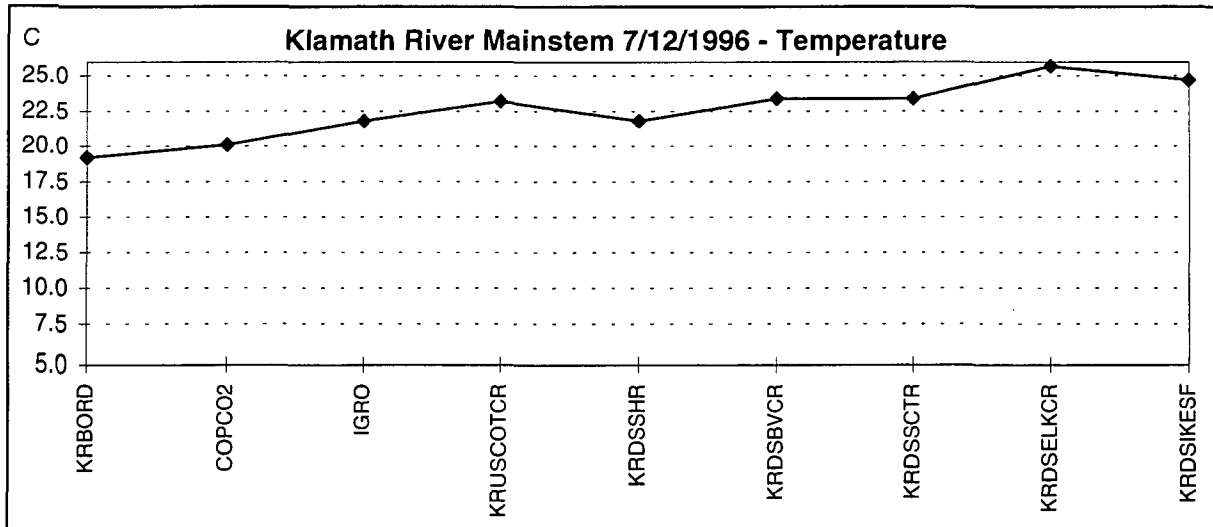
Mainstem Date Temps



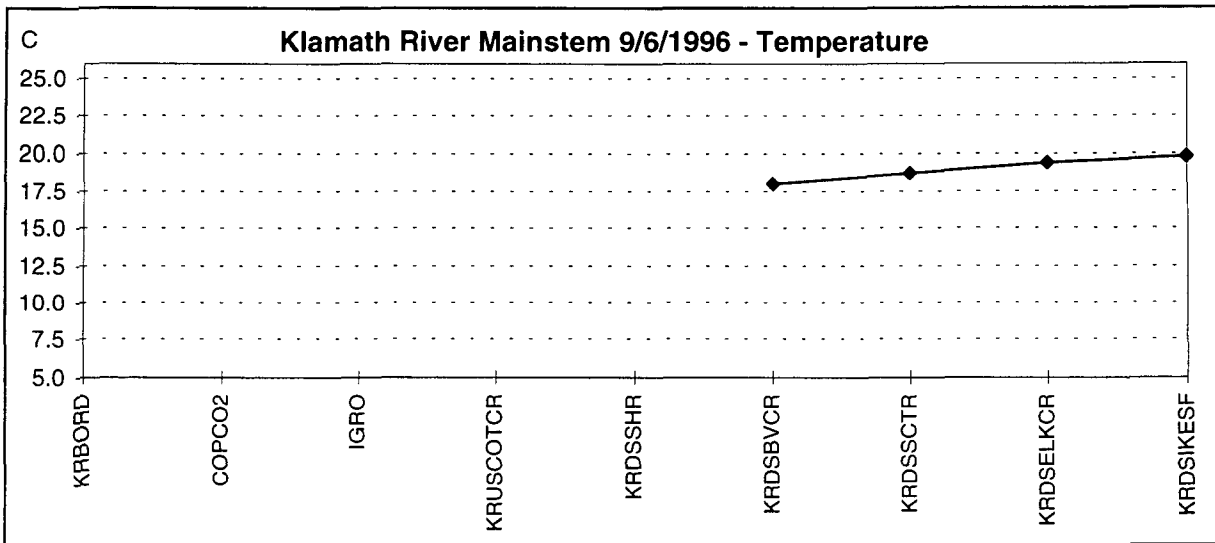
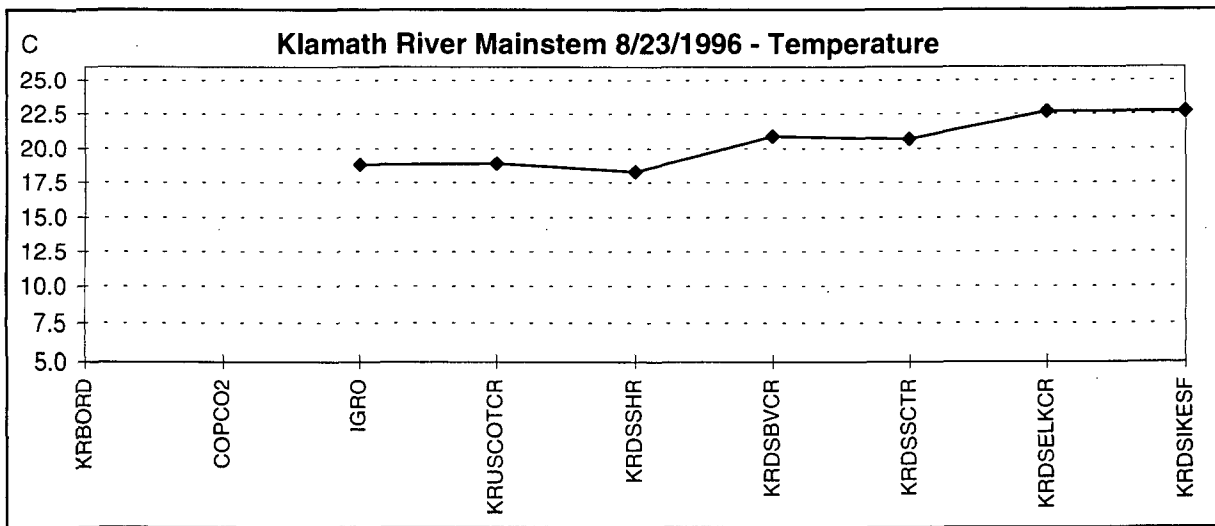
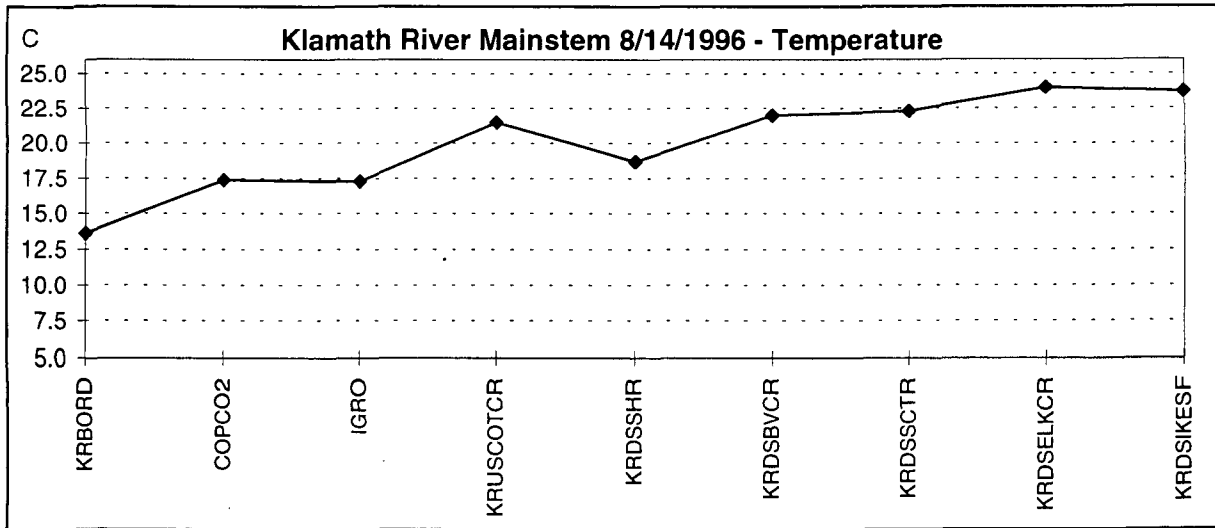
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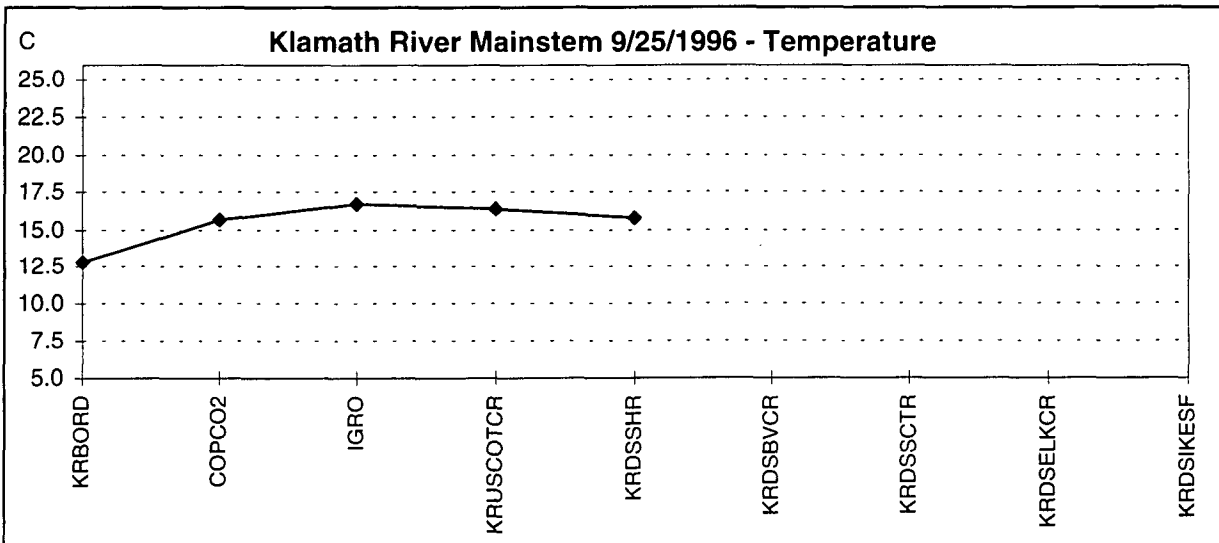
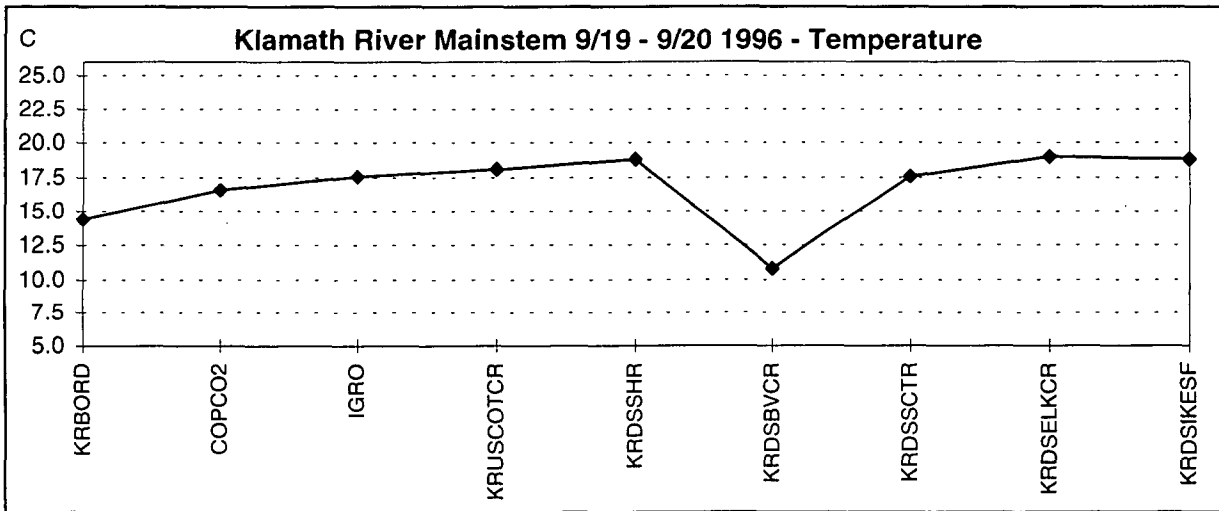
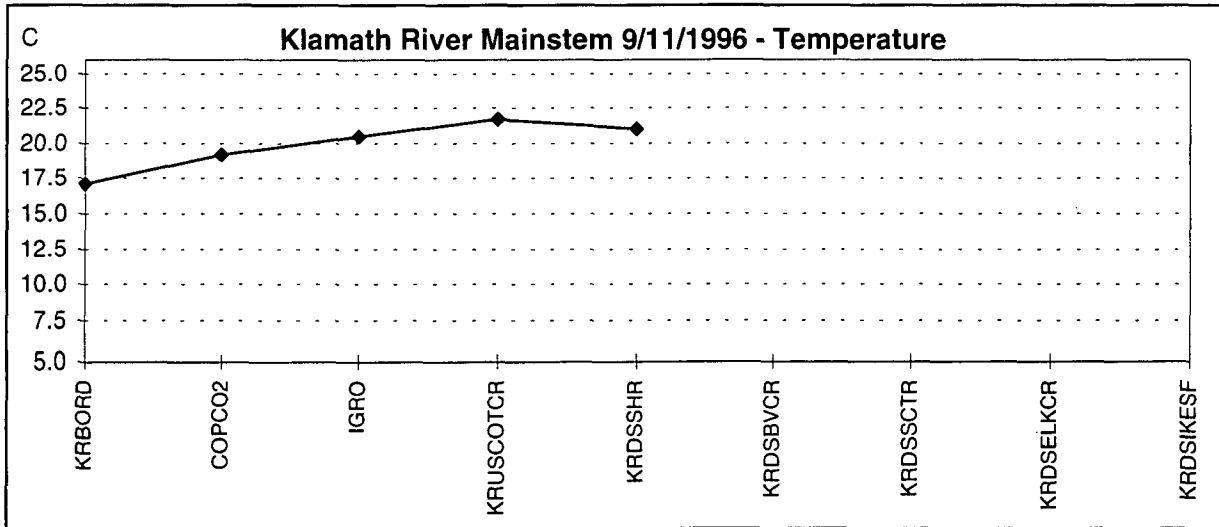
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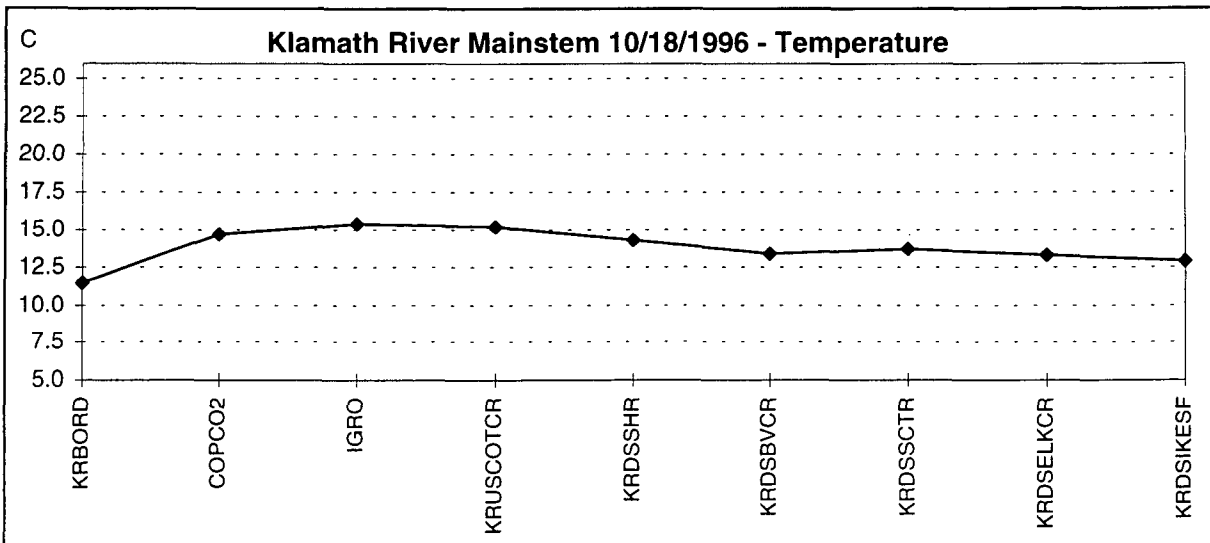
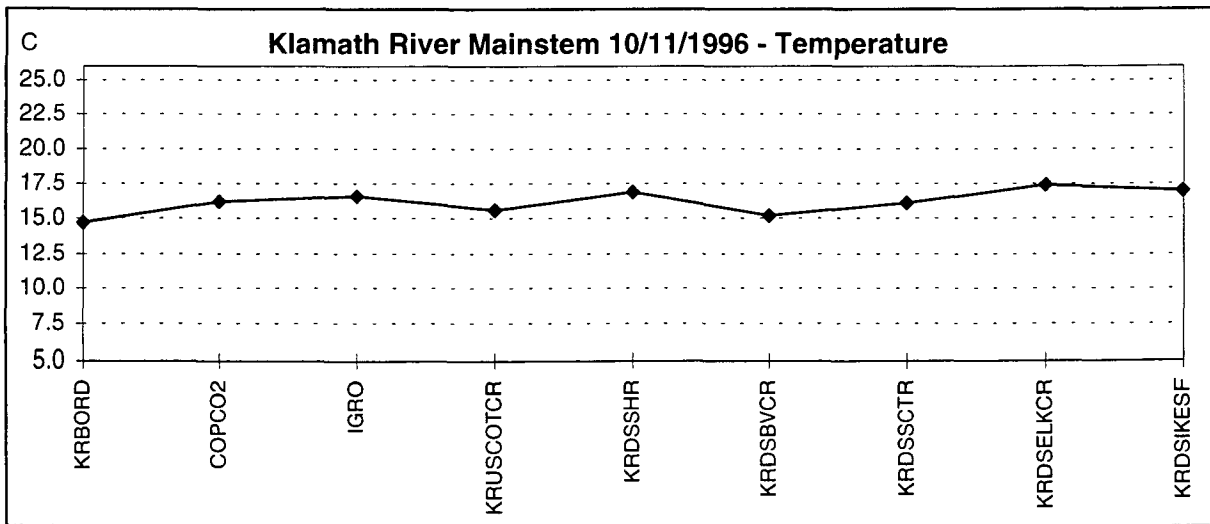
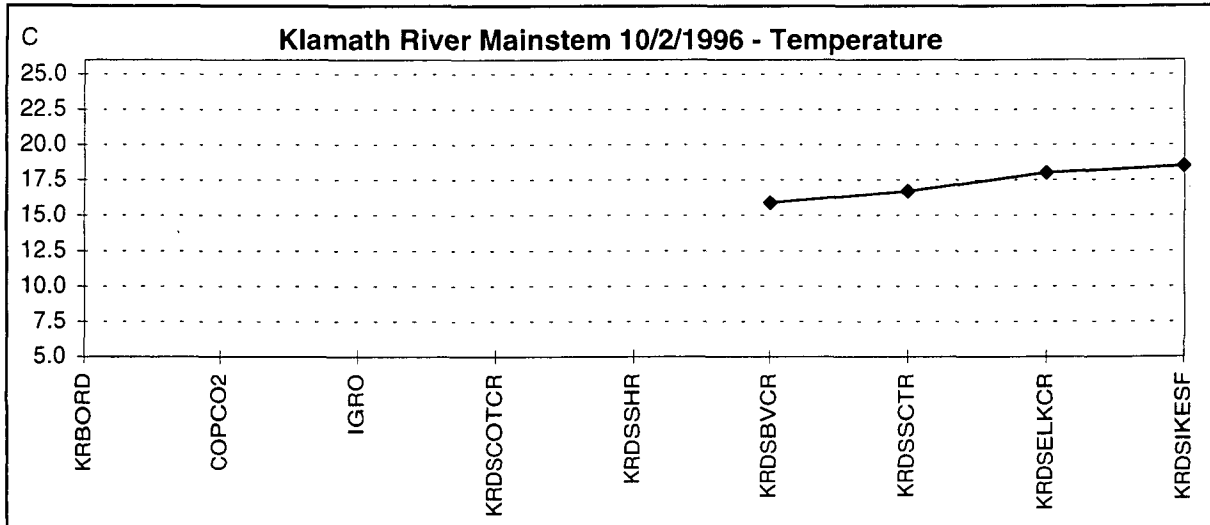
Mainstem Date Temps



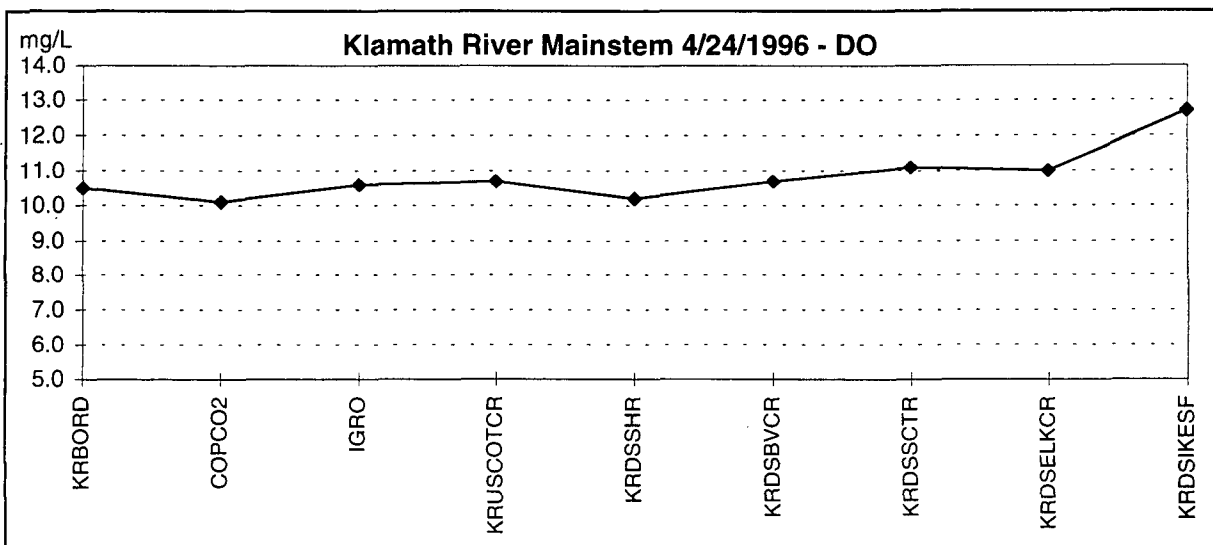
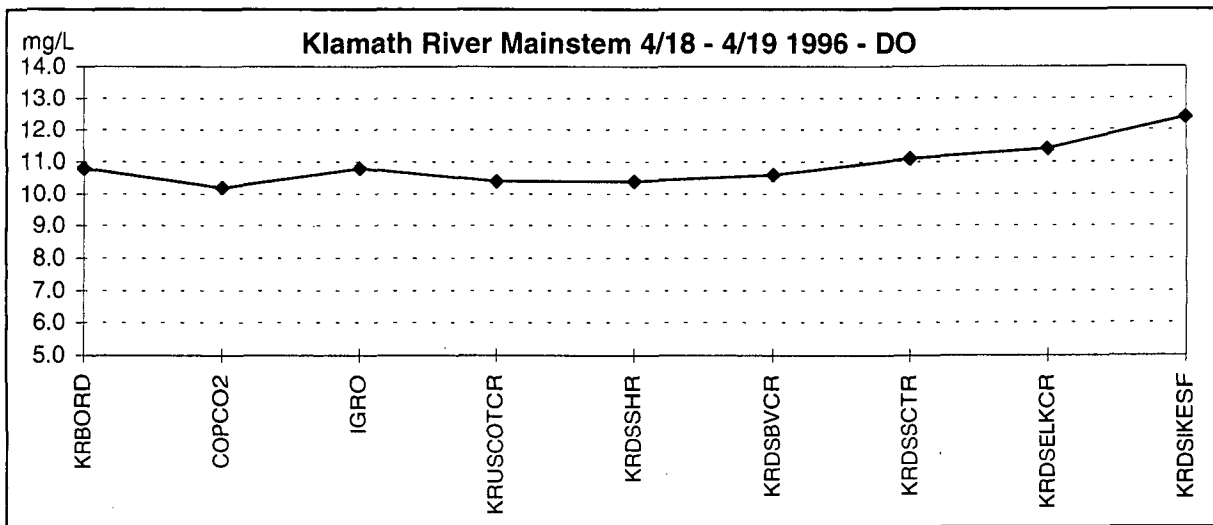
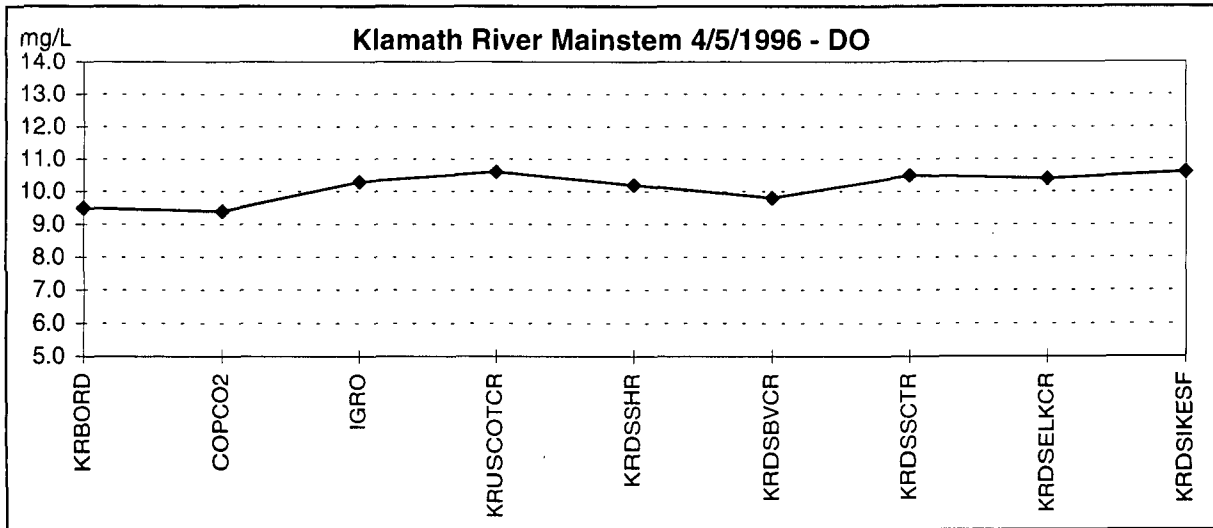
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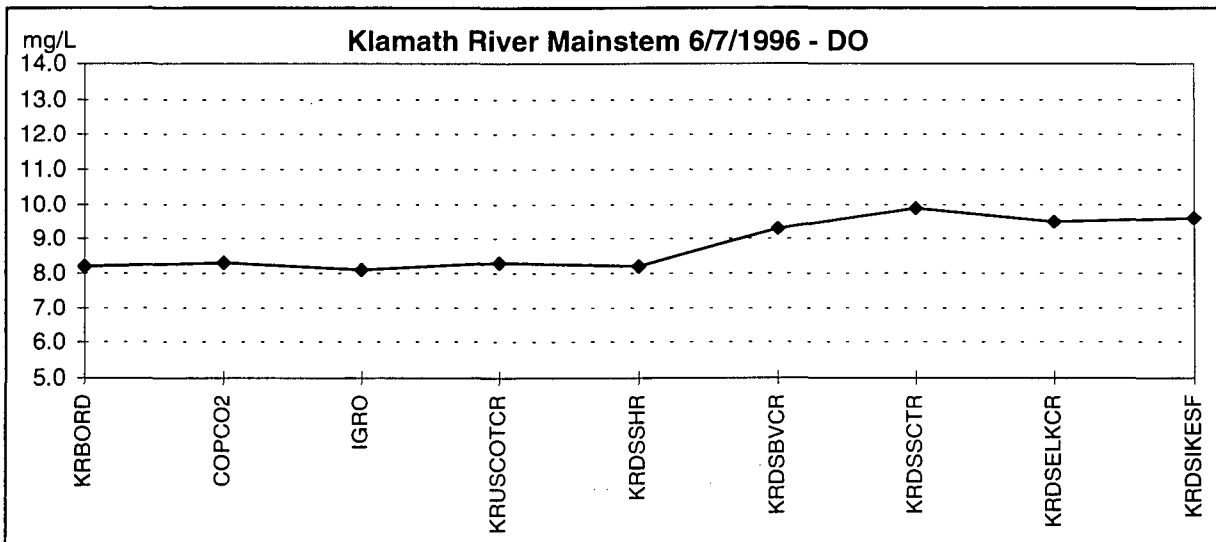
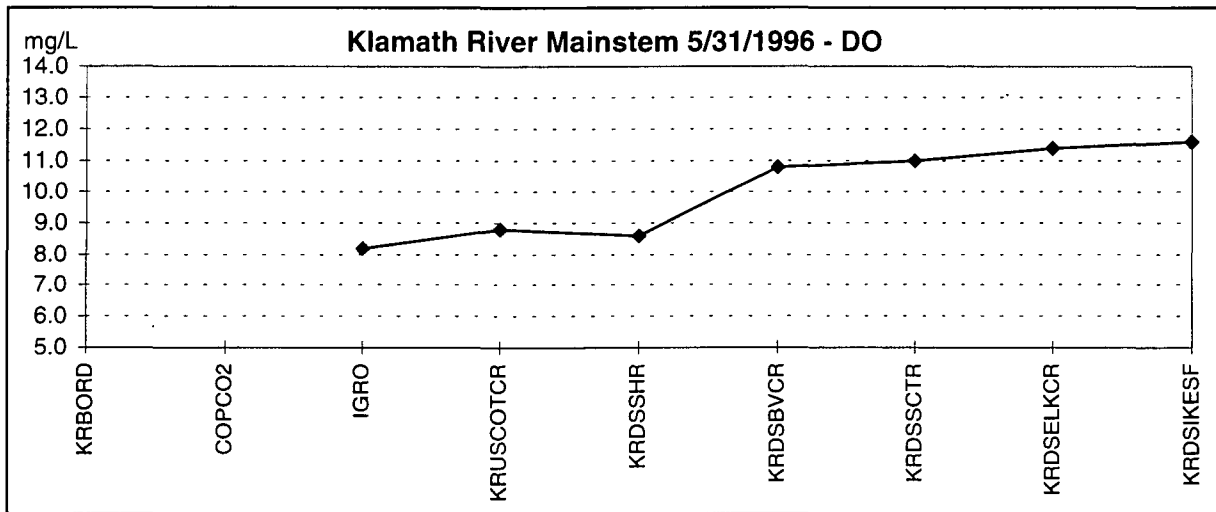
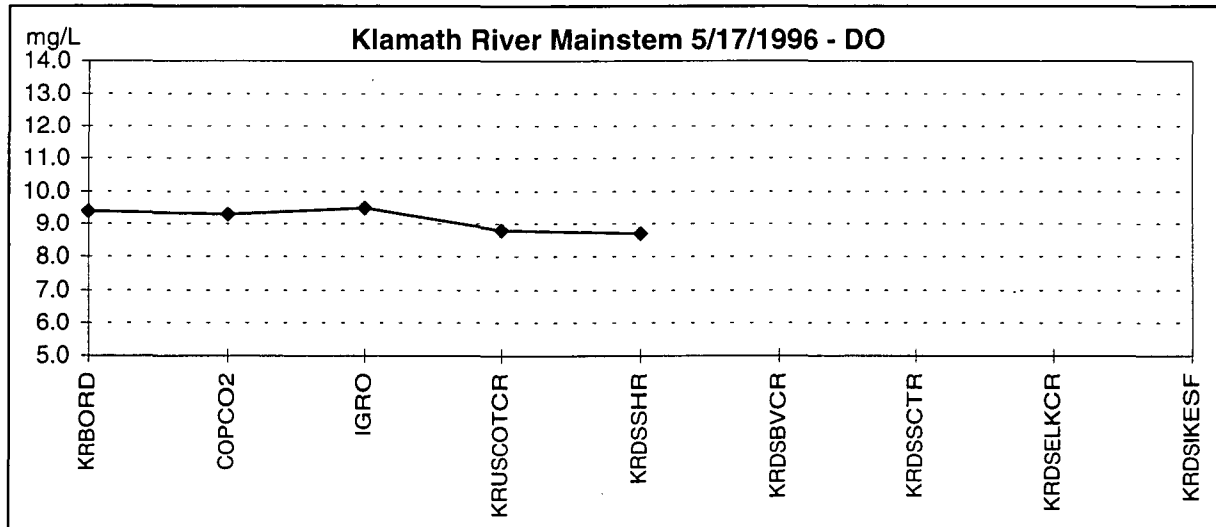


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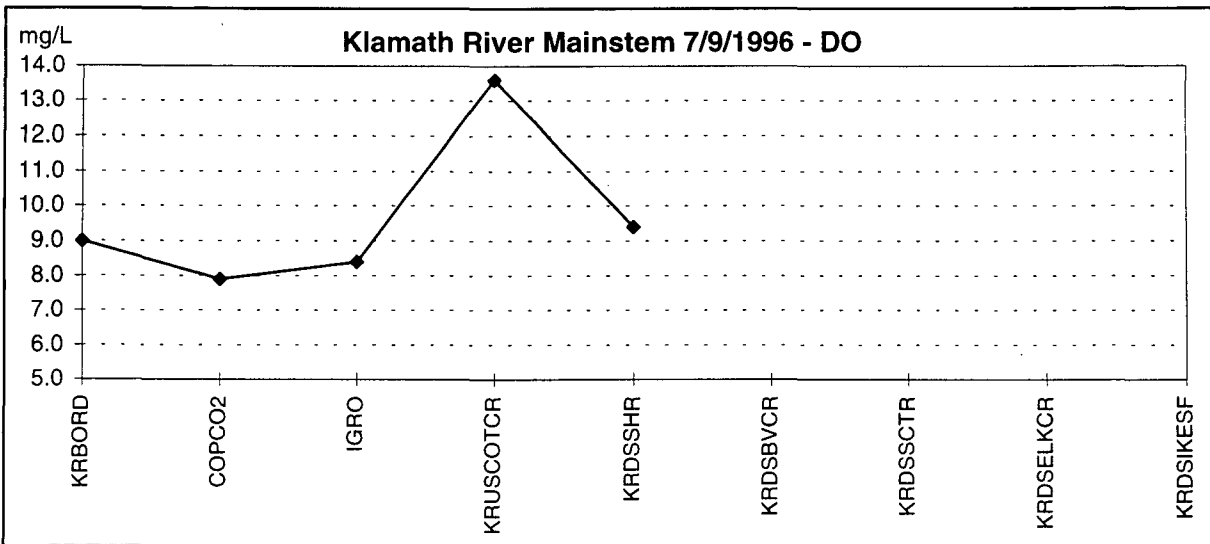
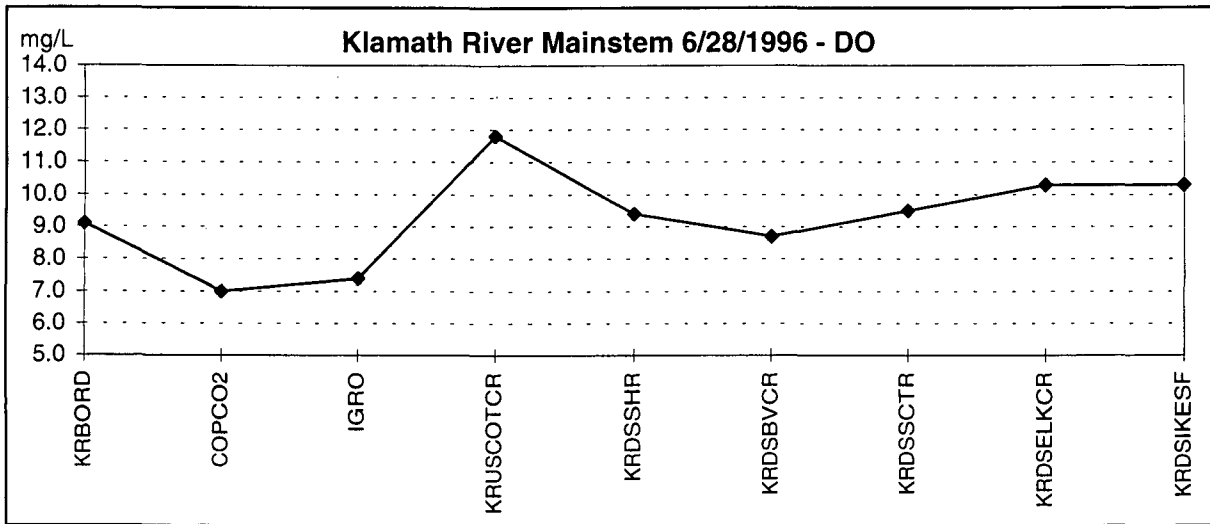
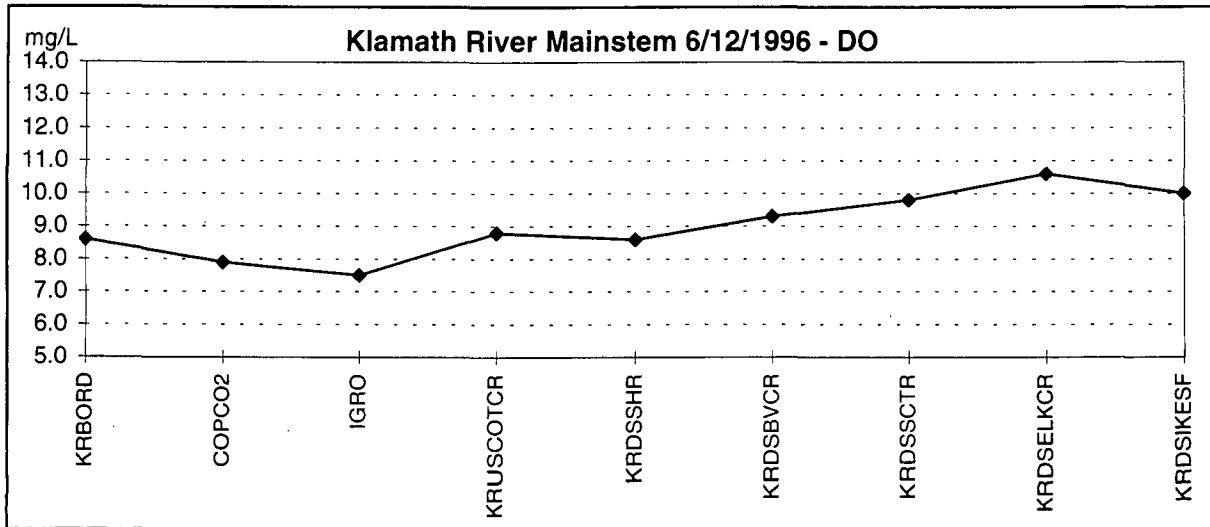


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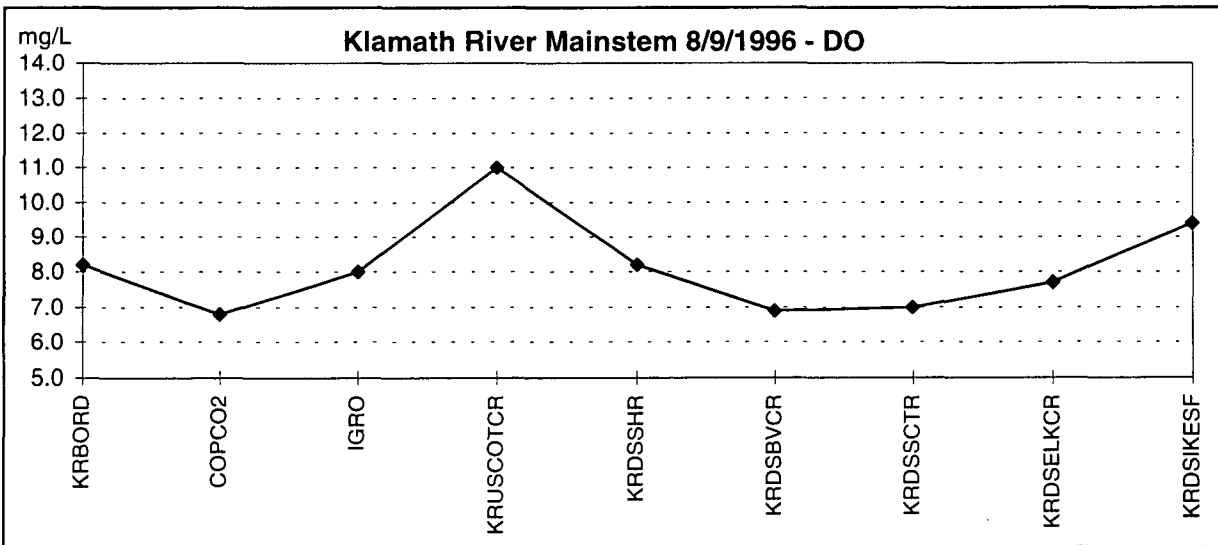
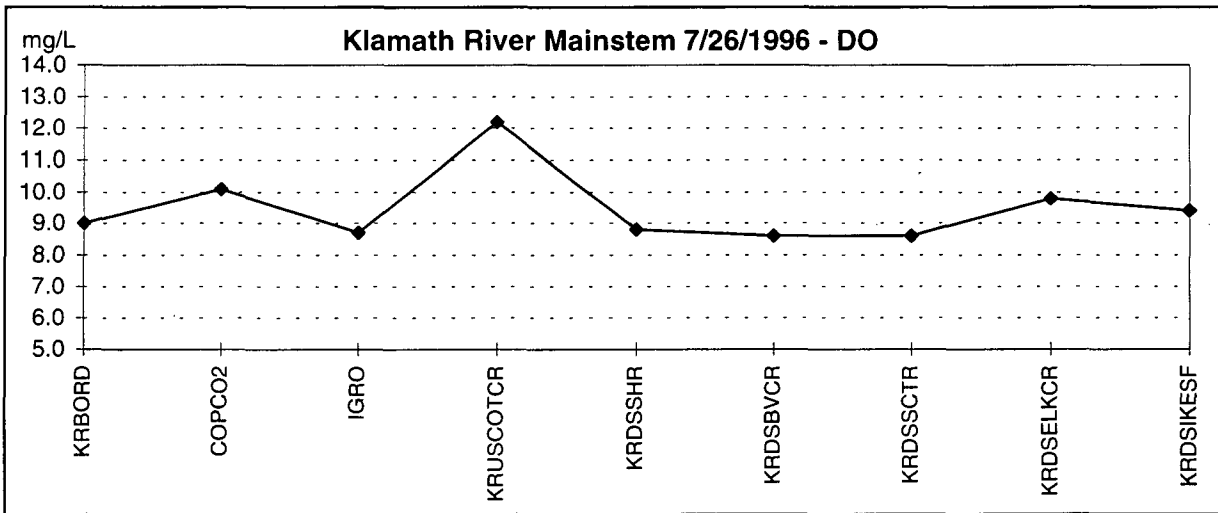
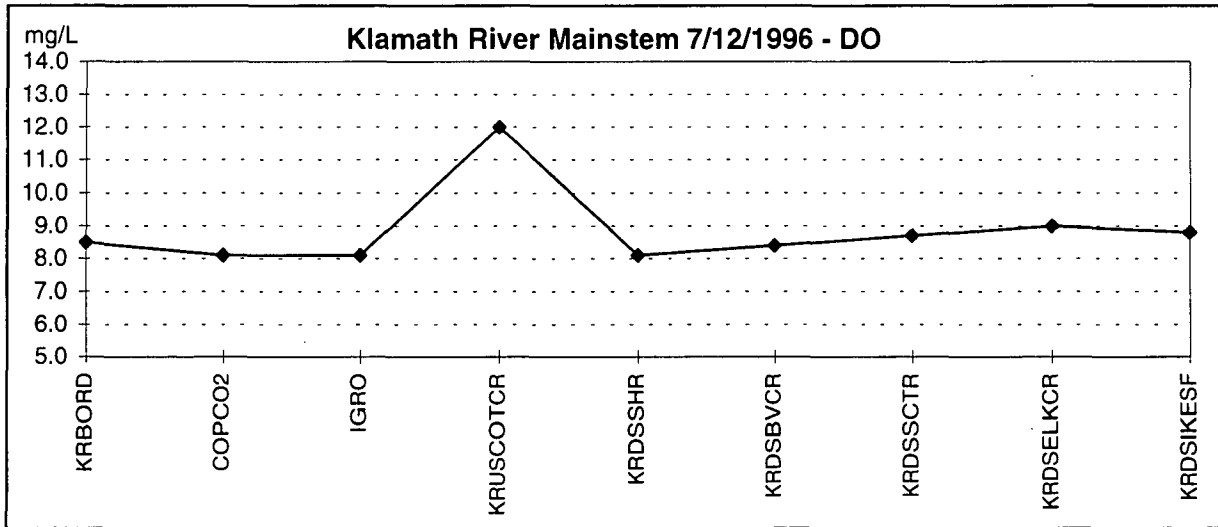
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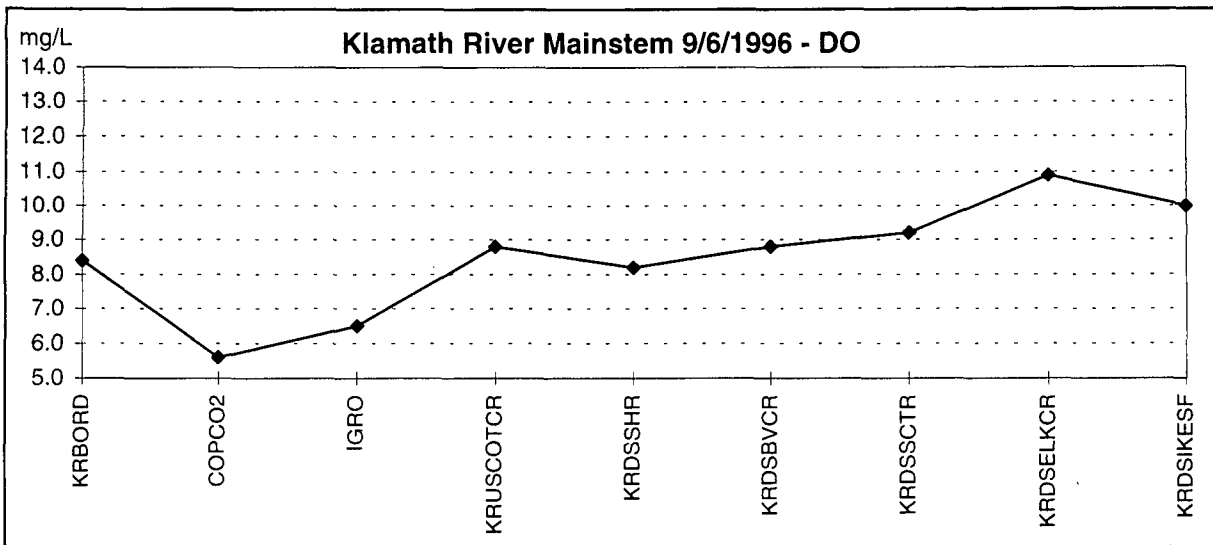
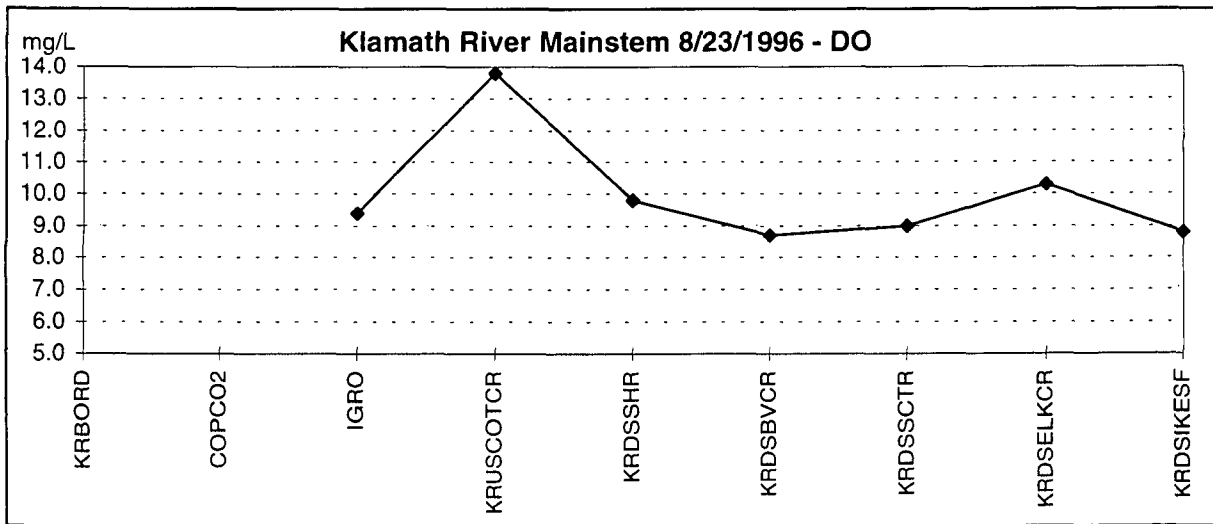
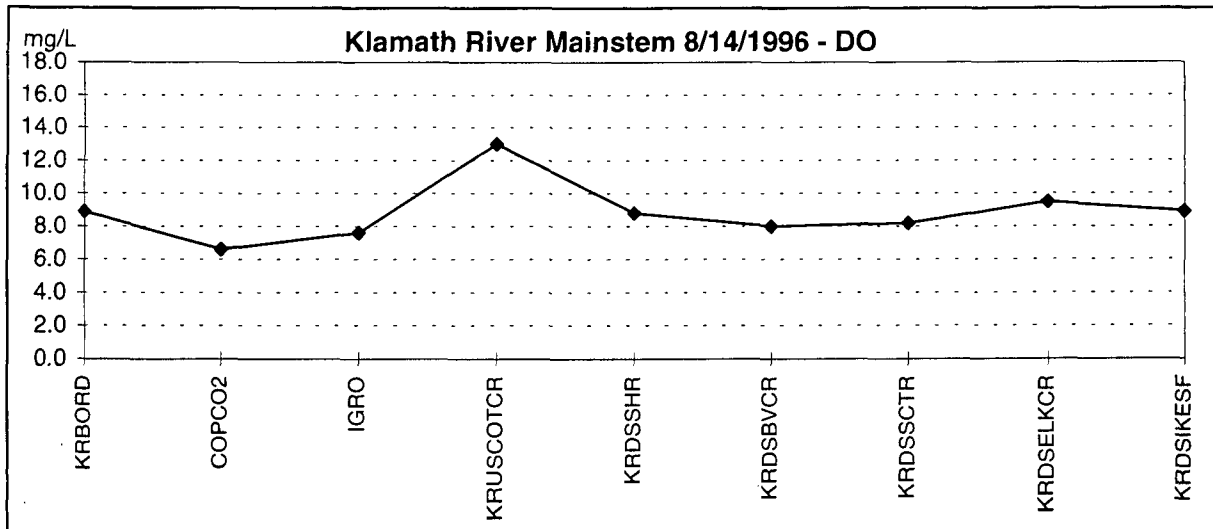
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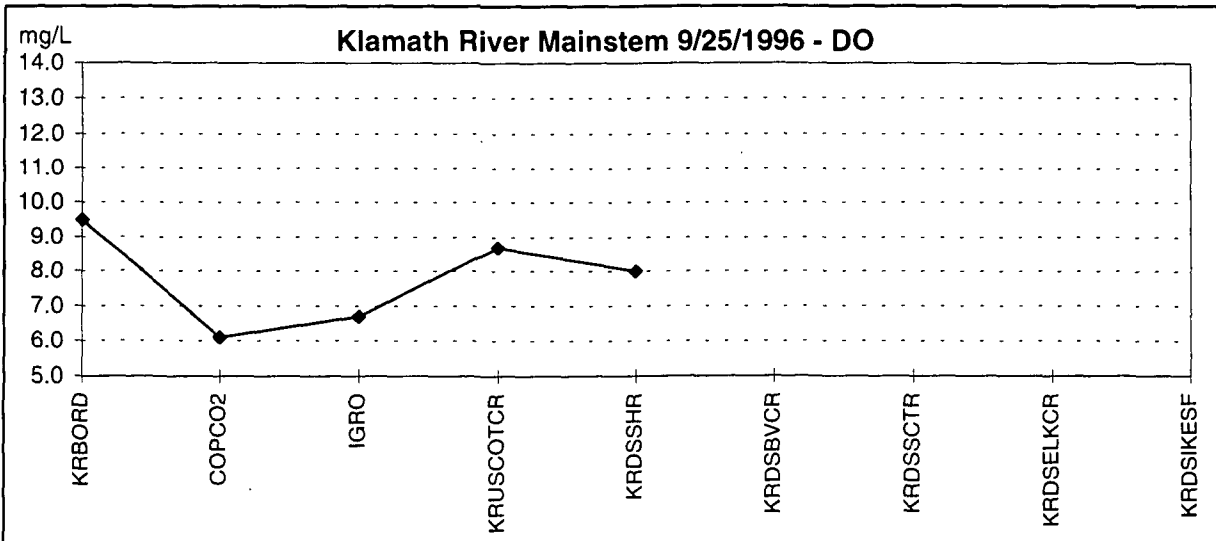
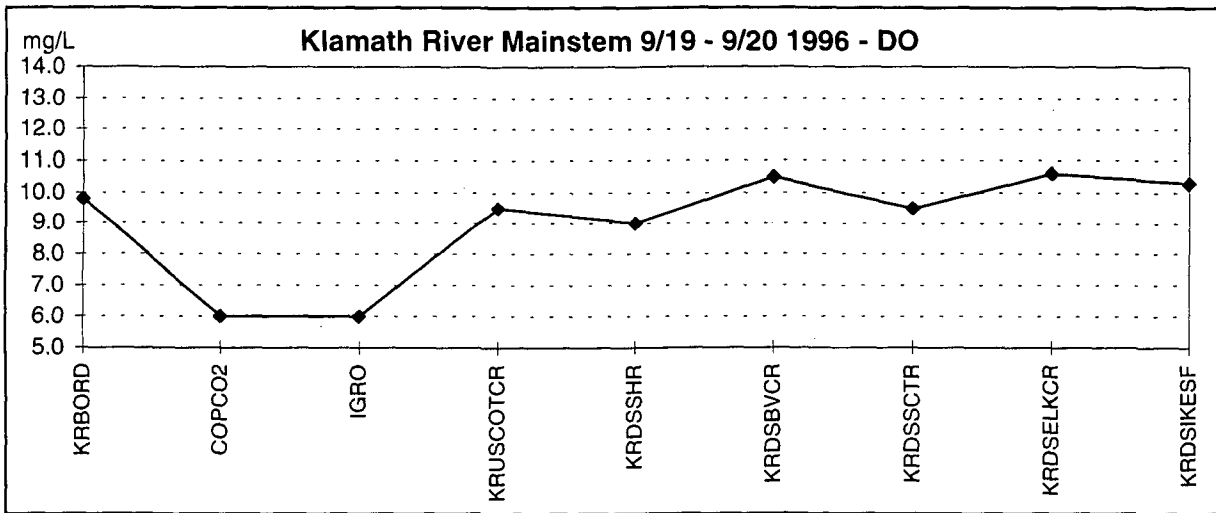
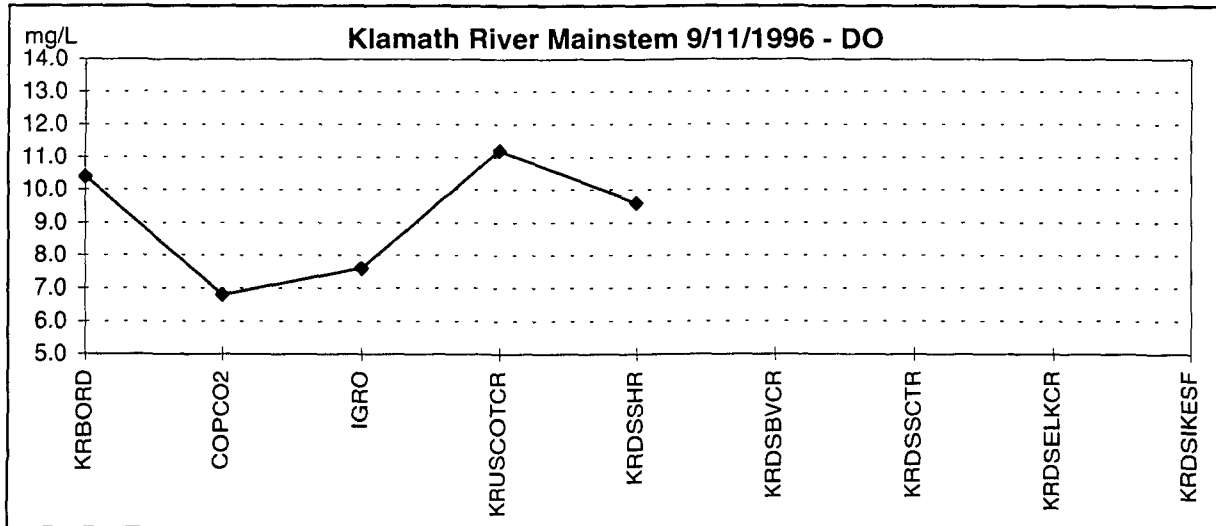
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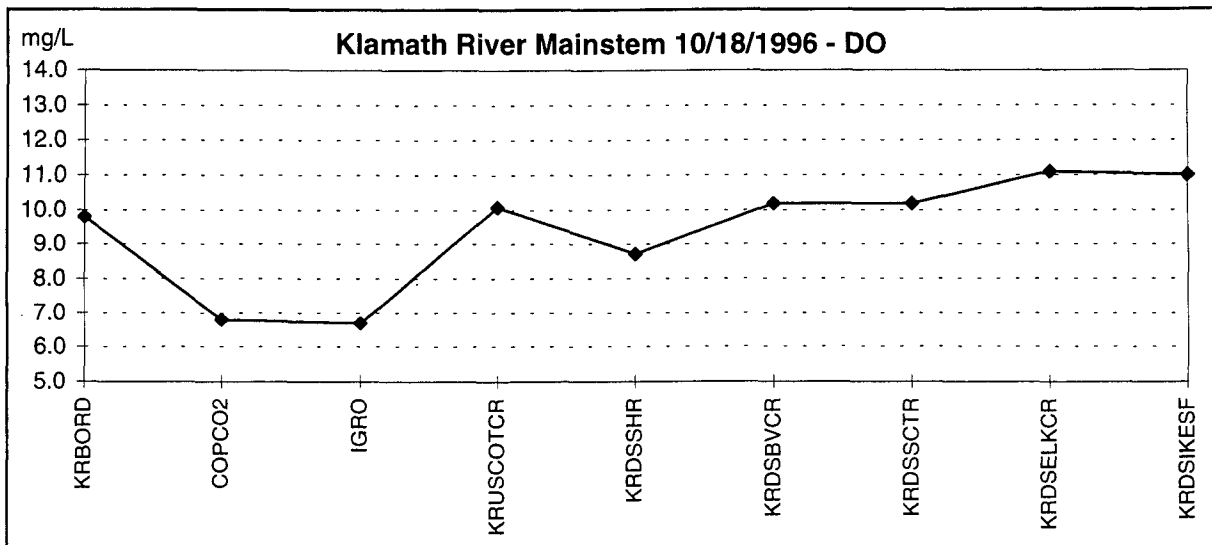
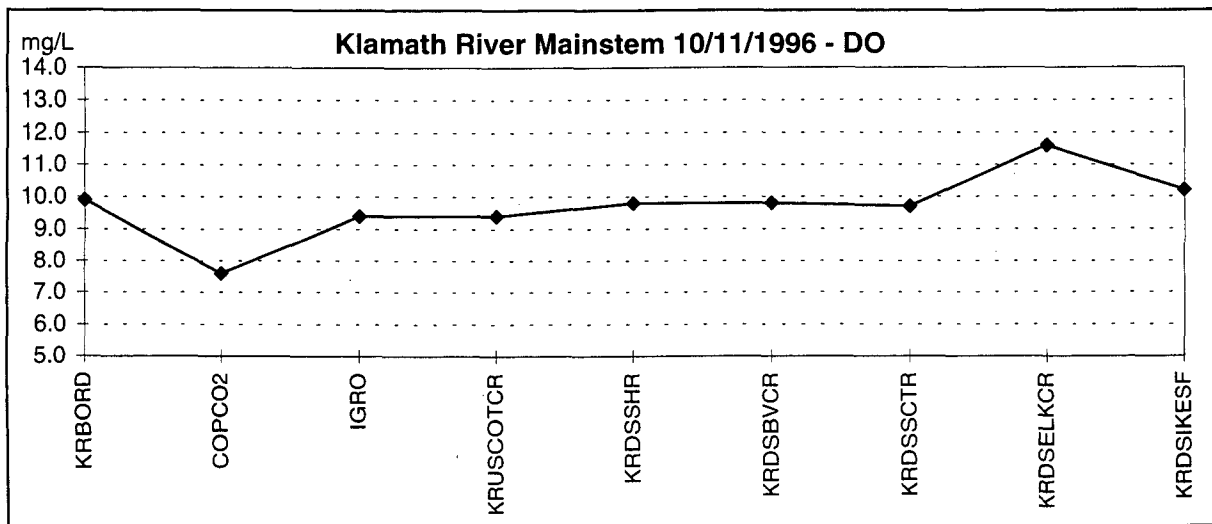
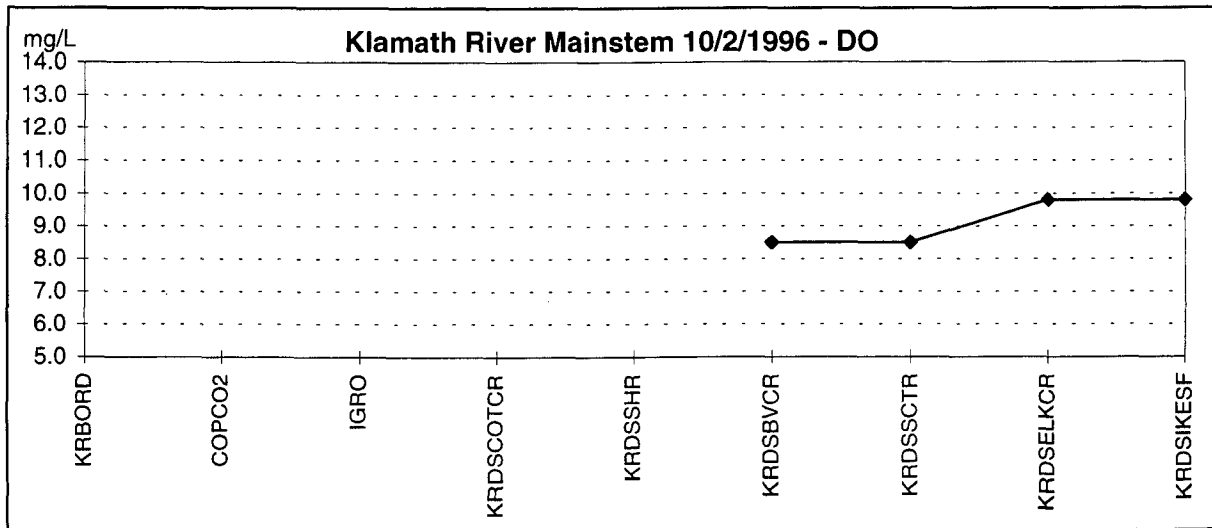
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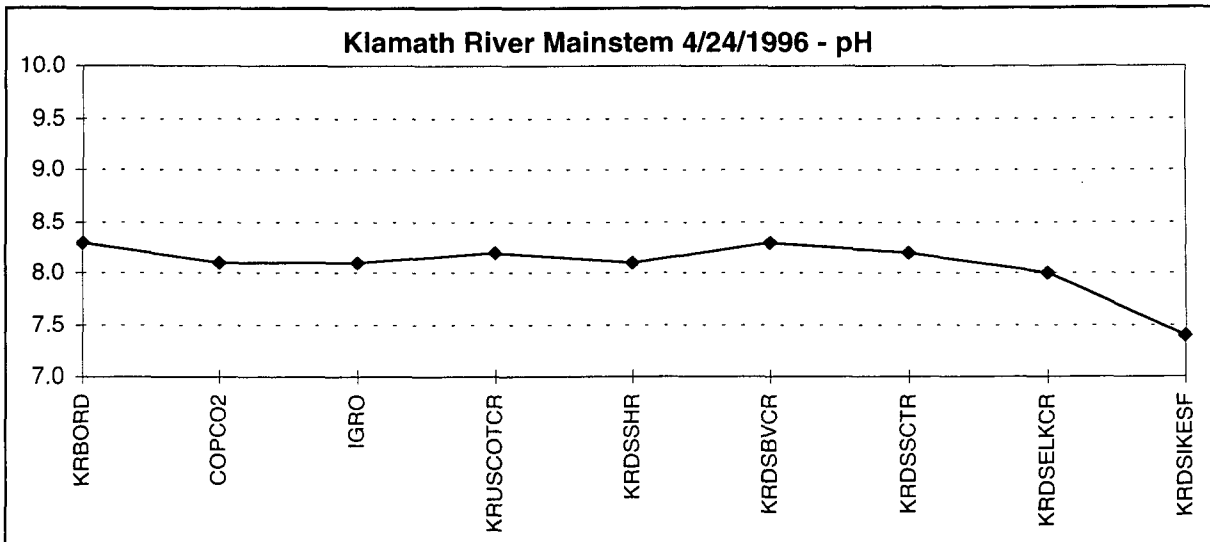
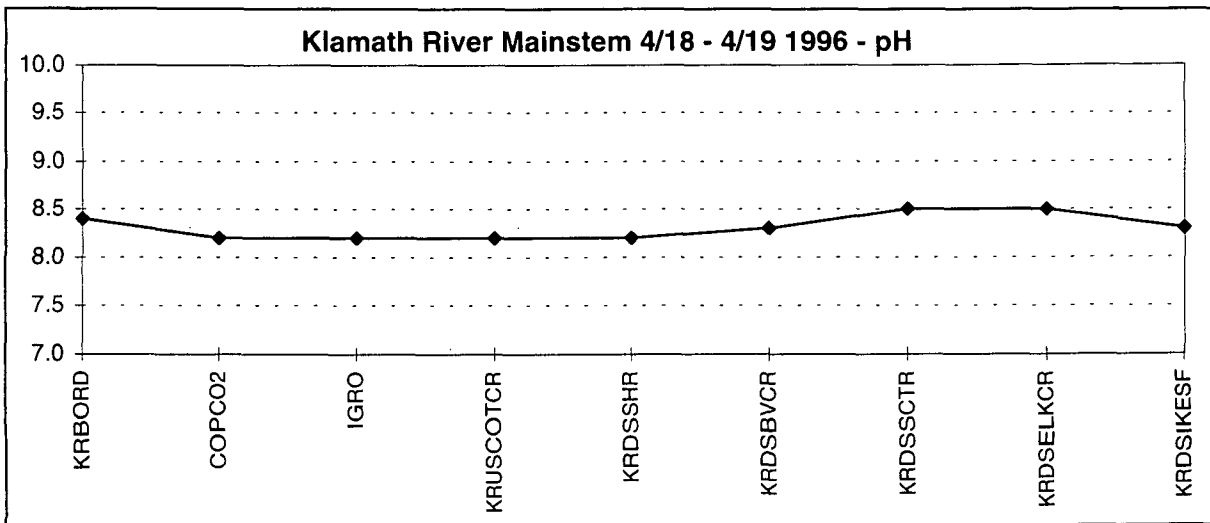
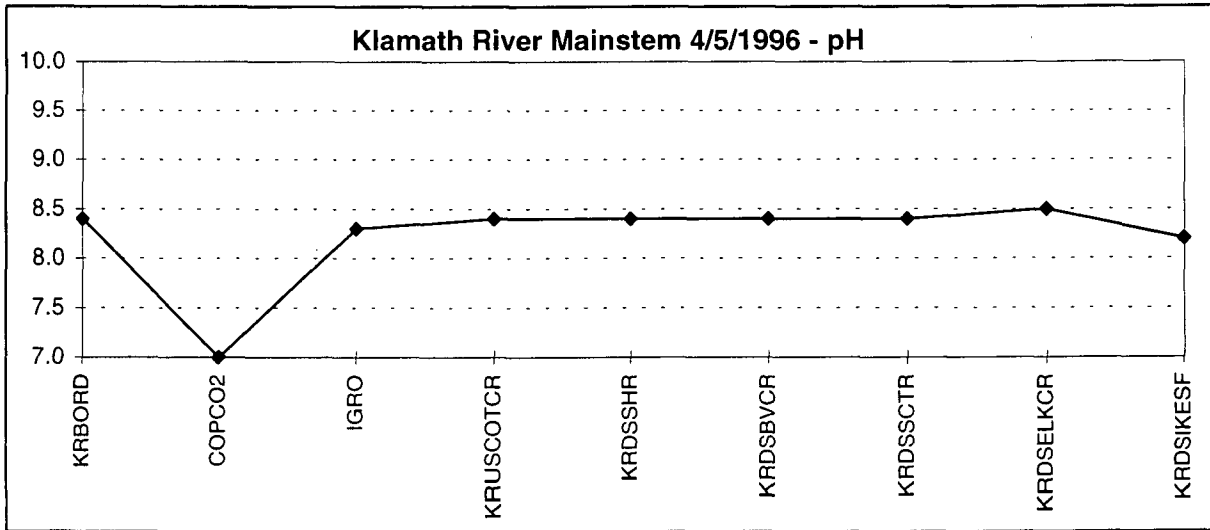
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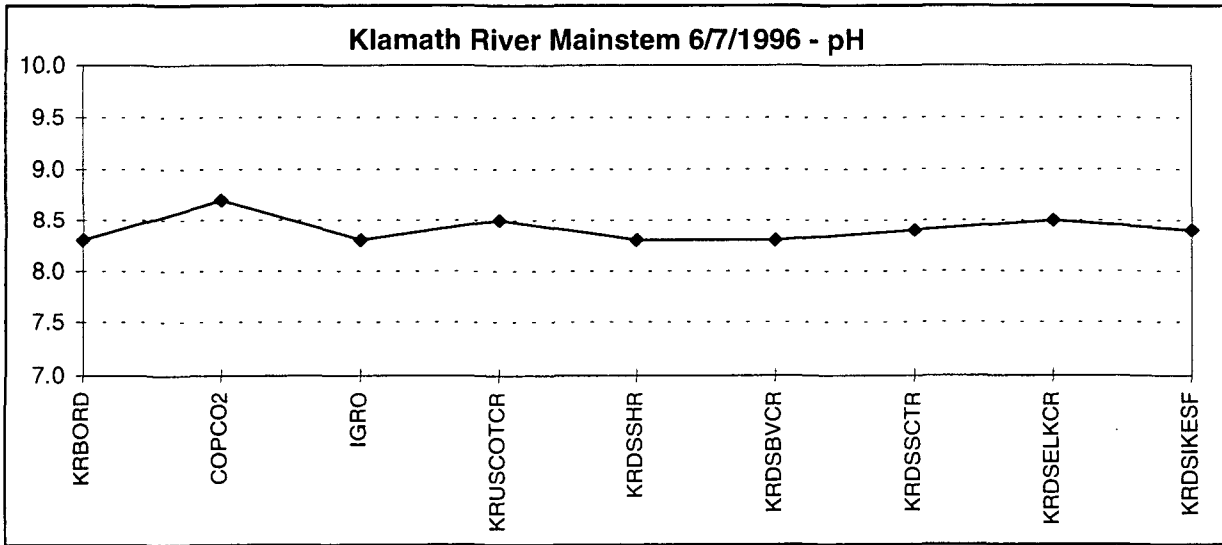
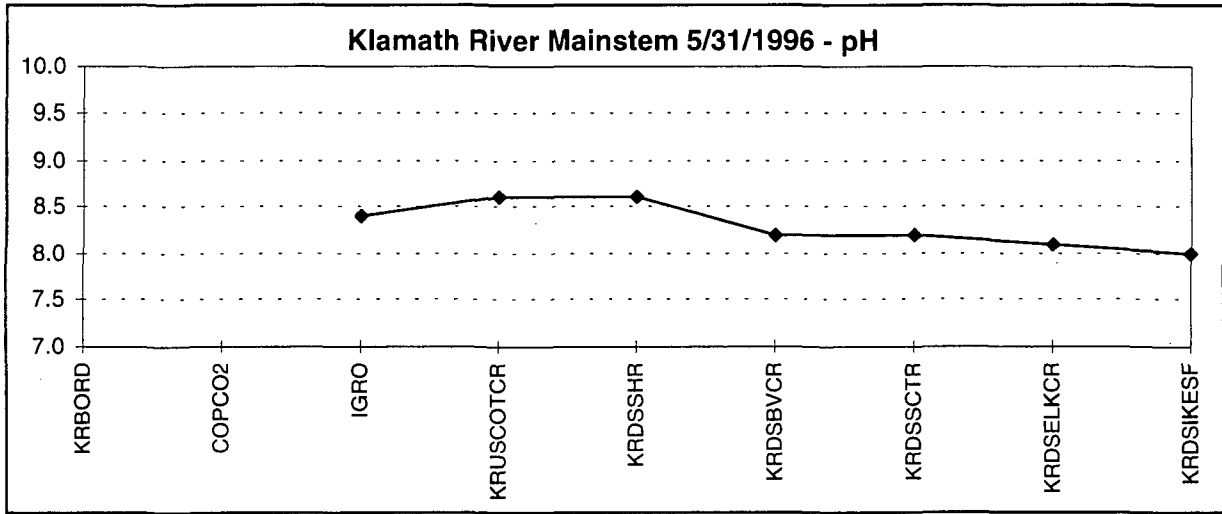
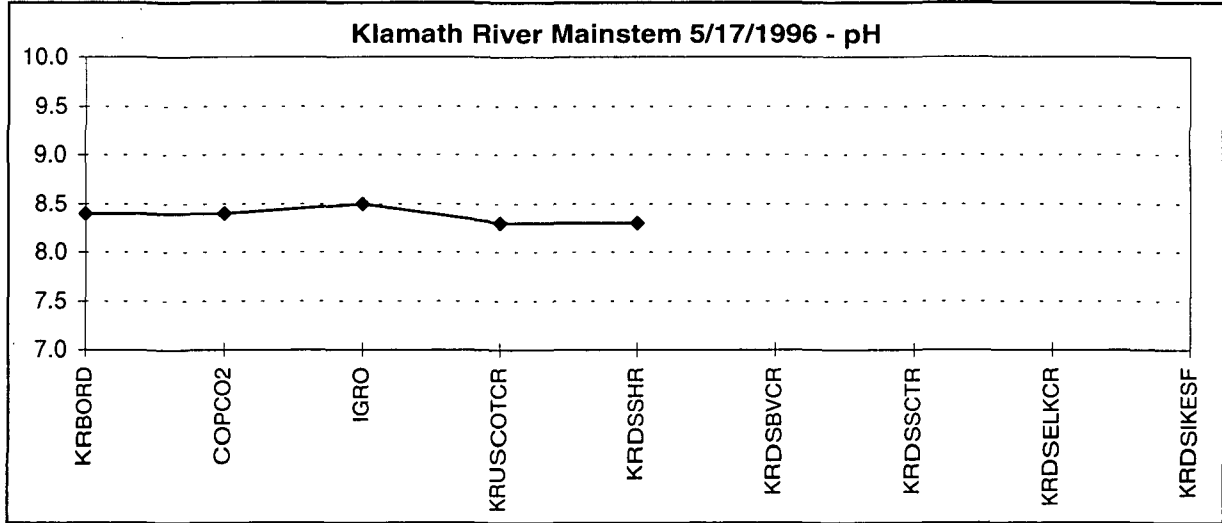


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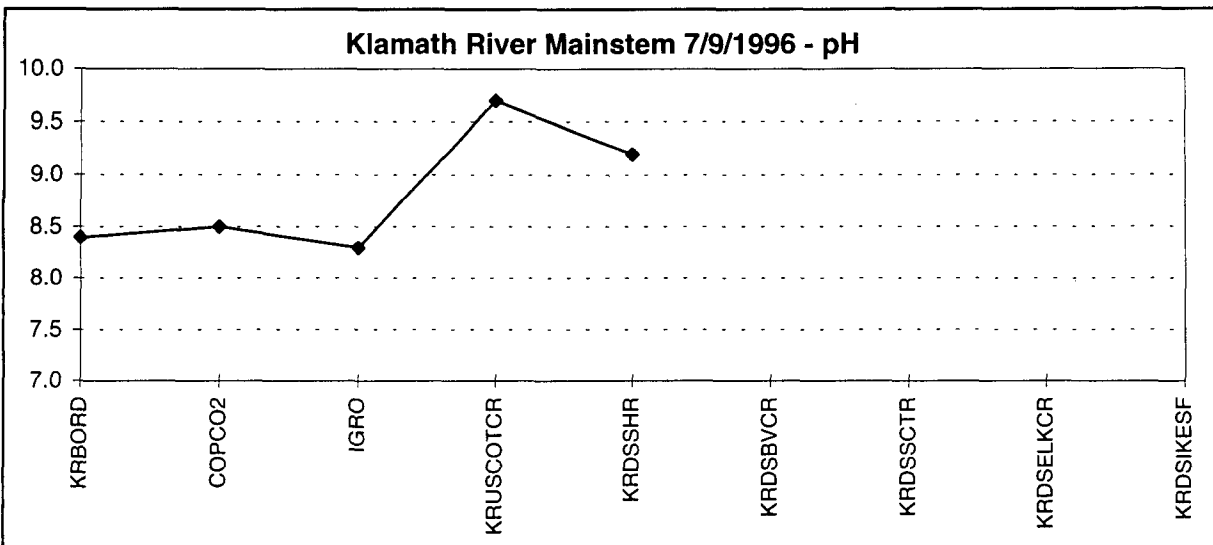
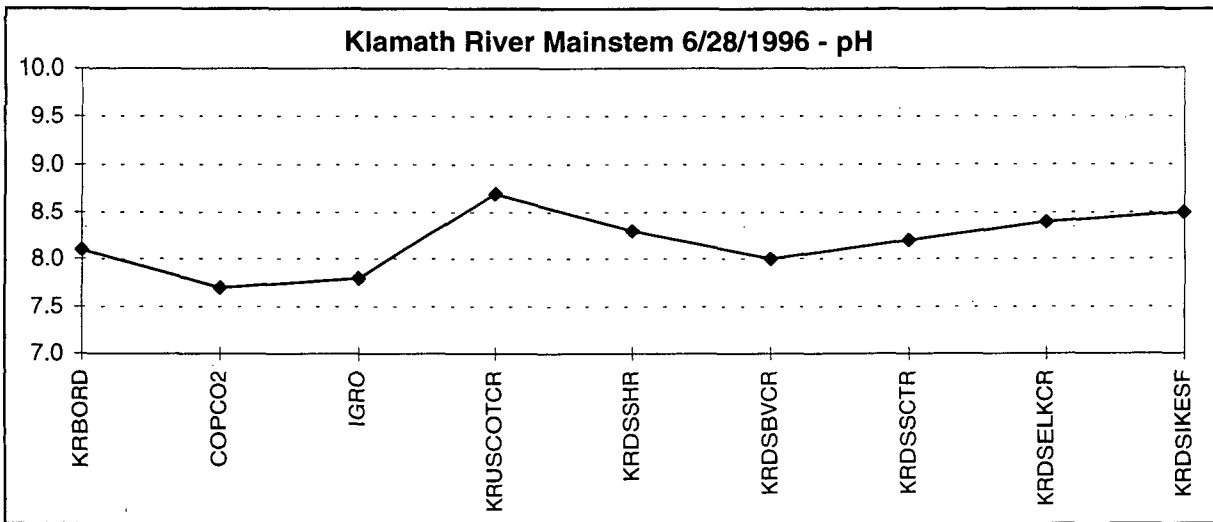
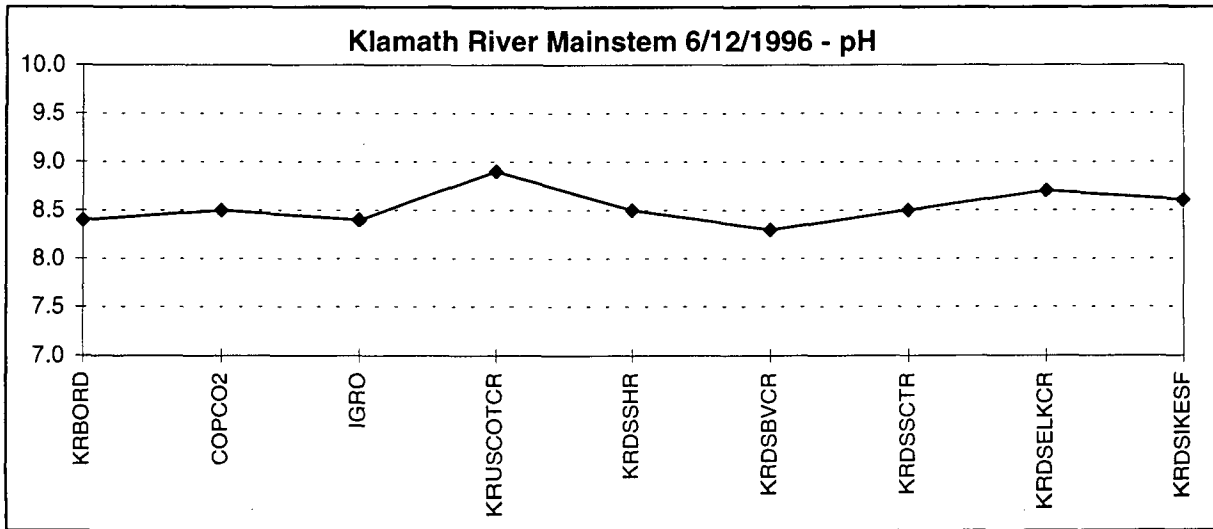


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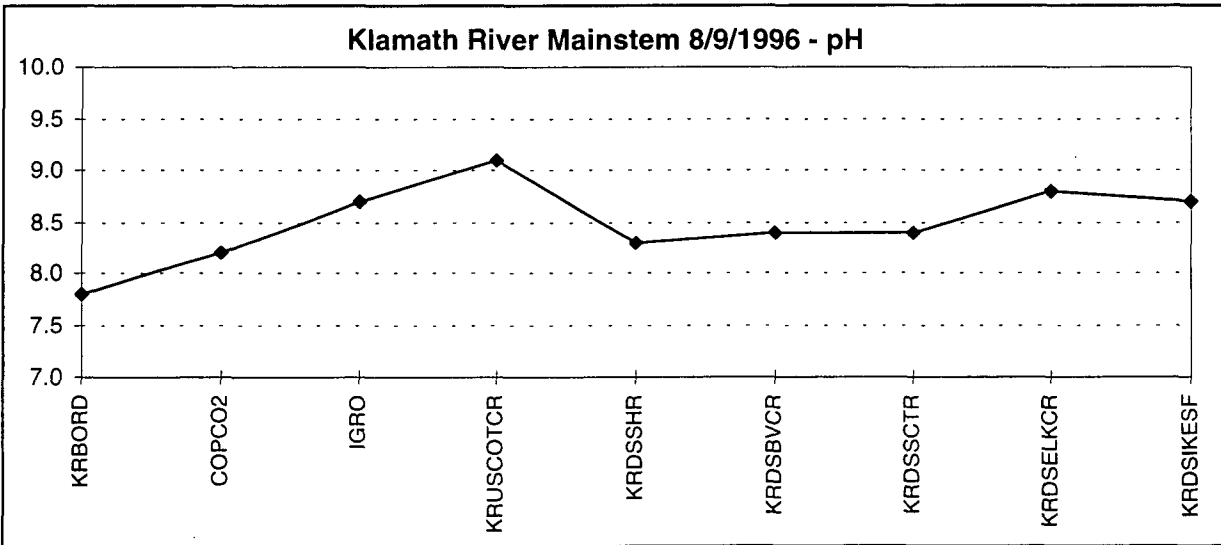
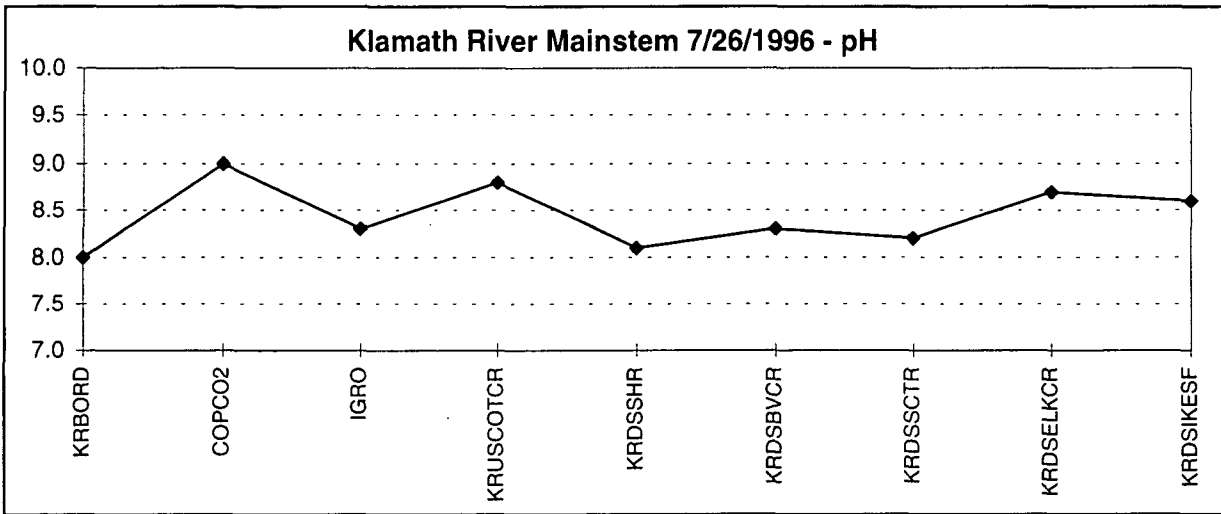
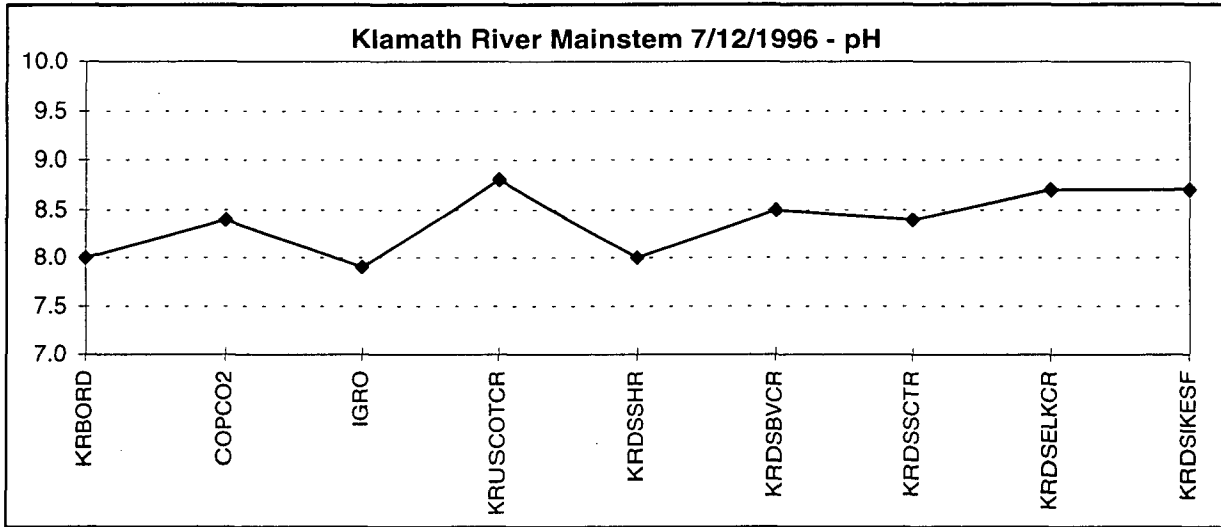
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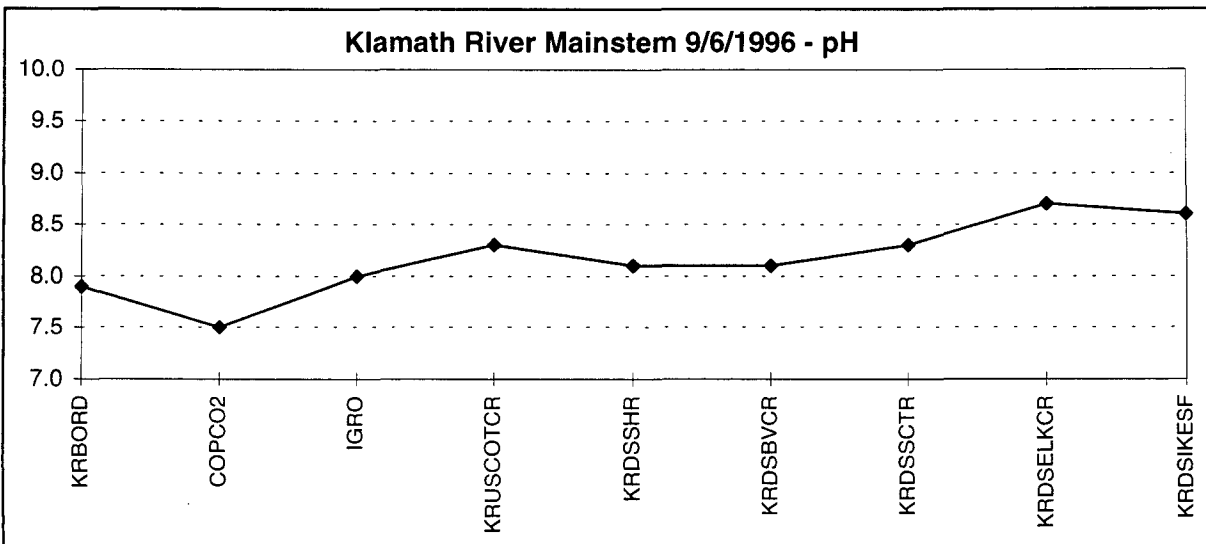
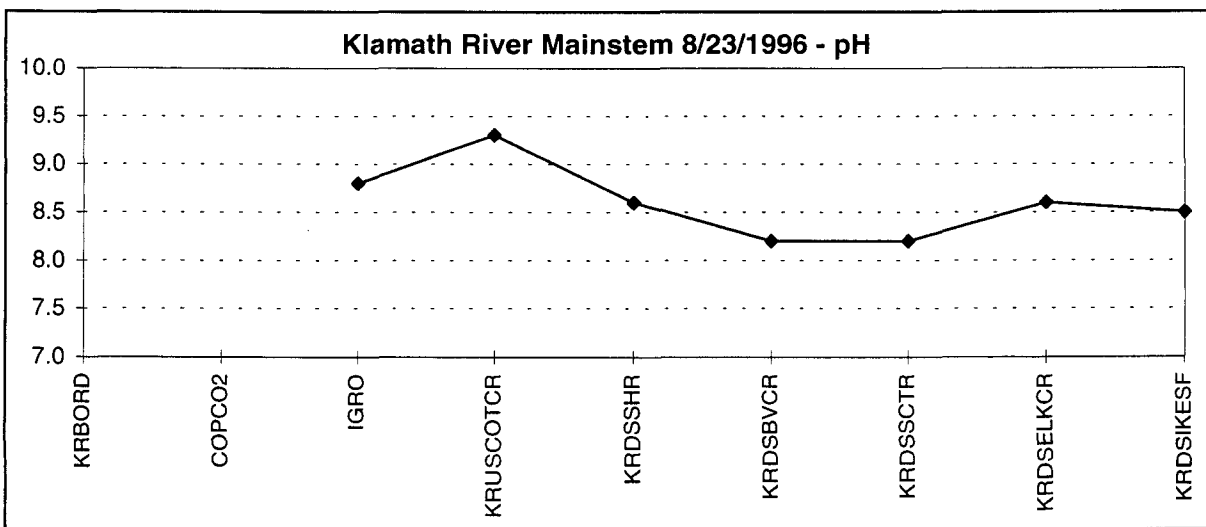
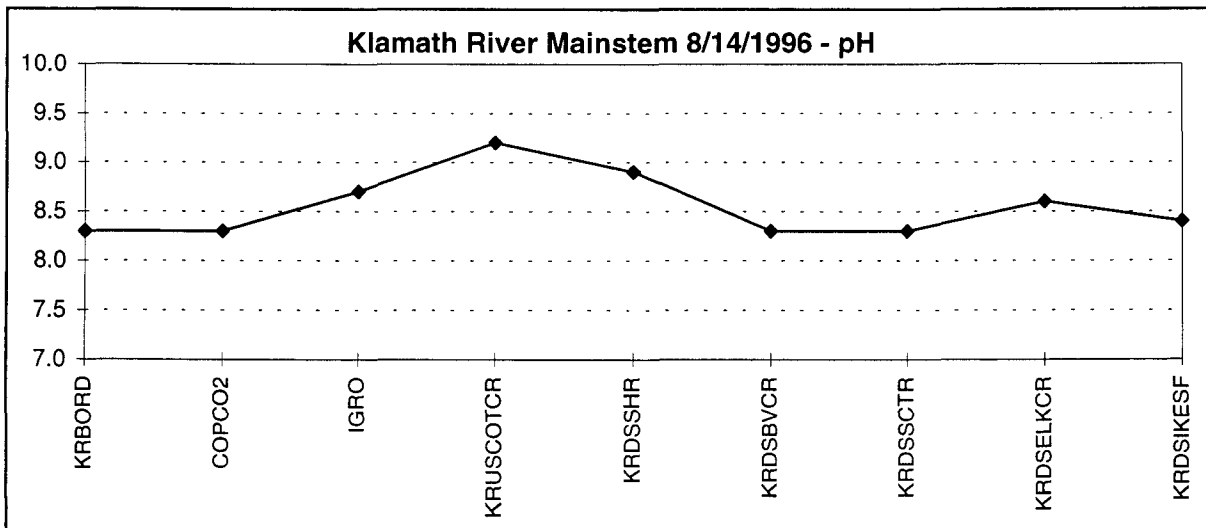
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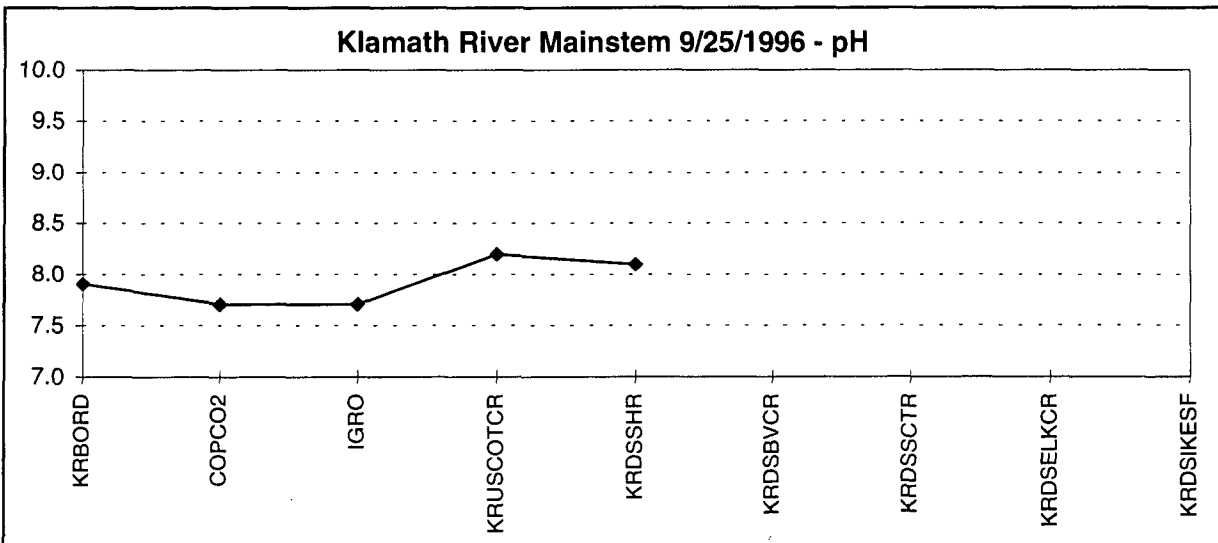
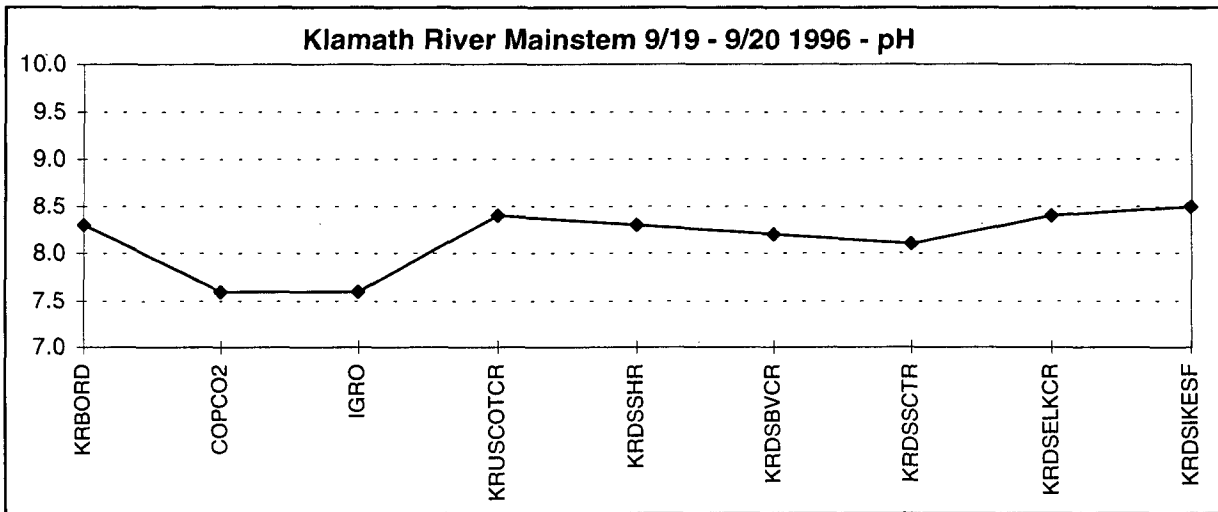
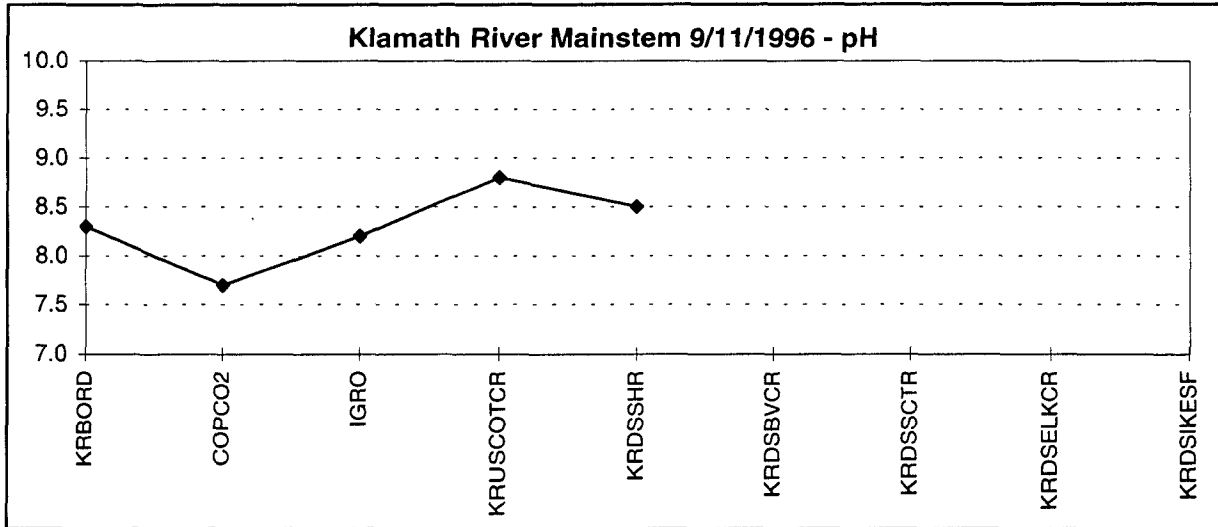
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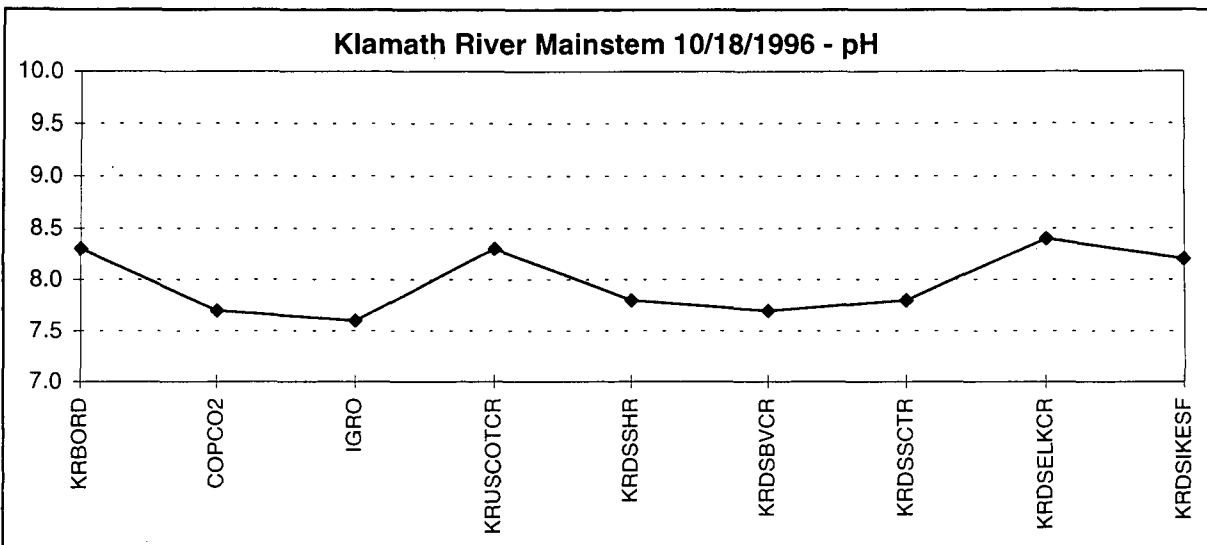
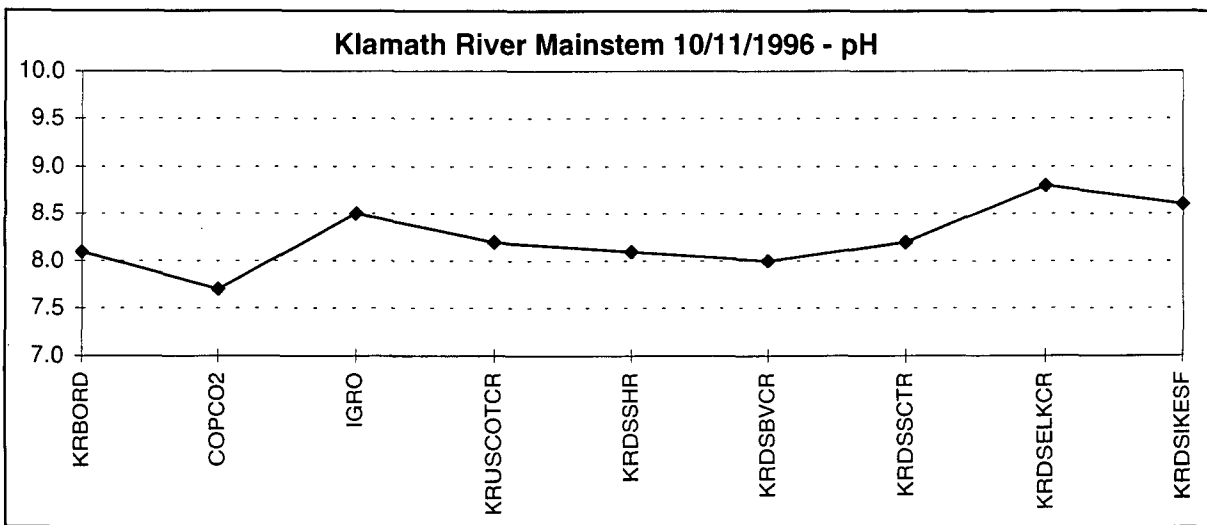
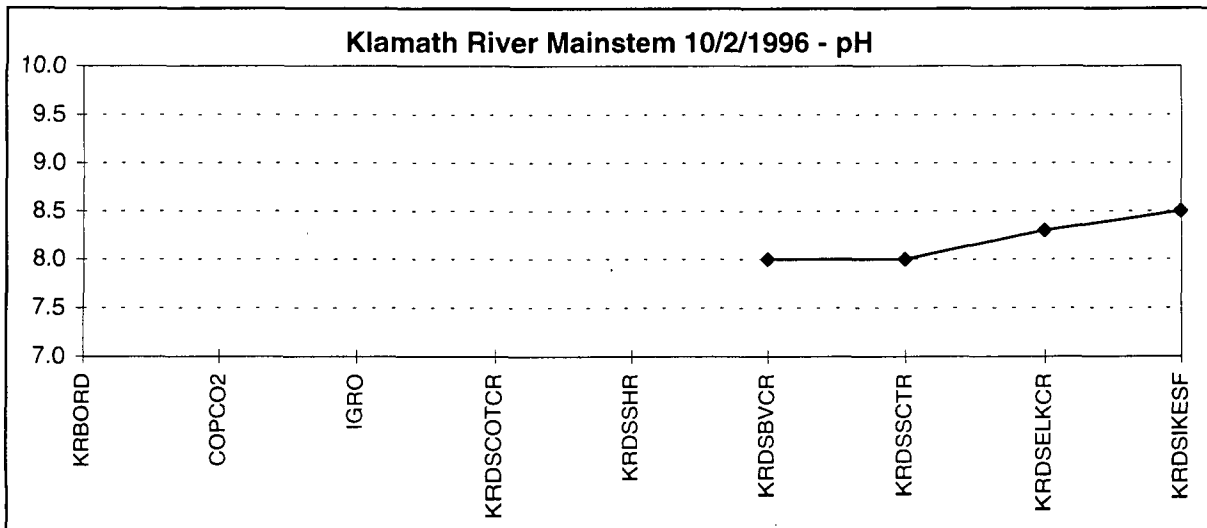
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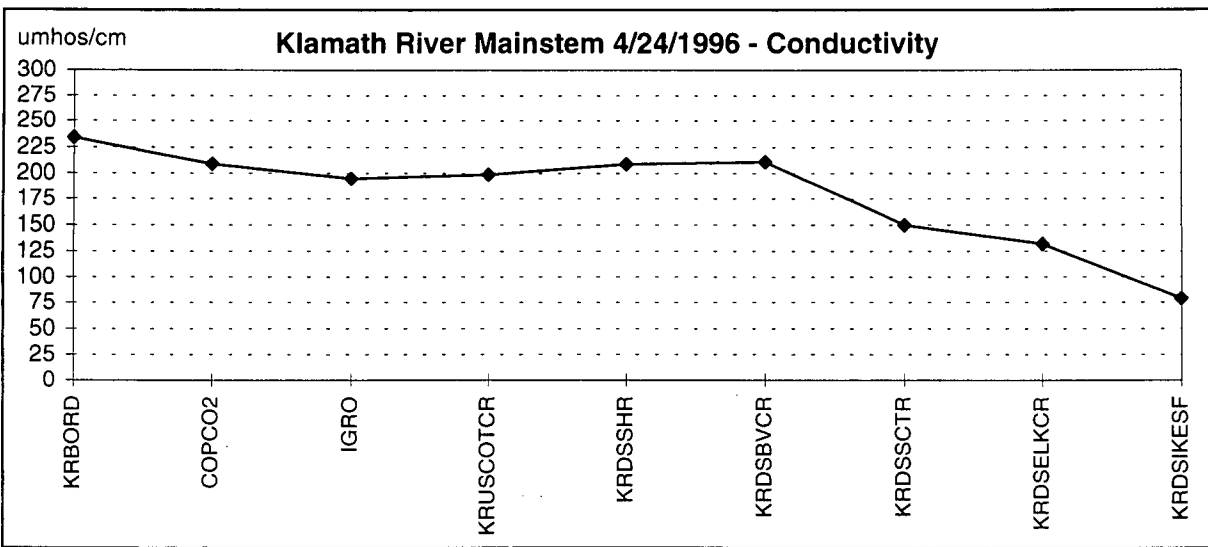
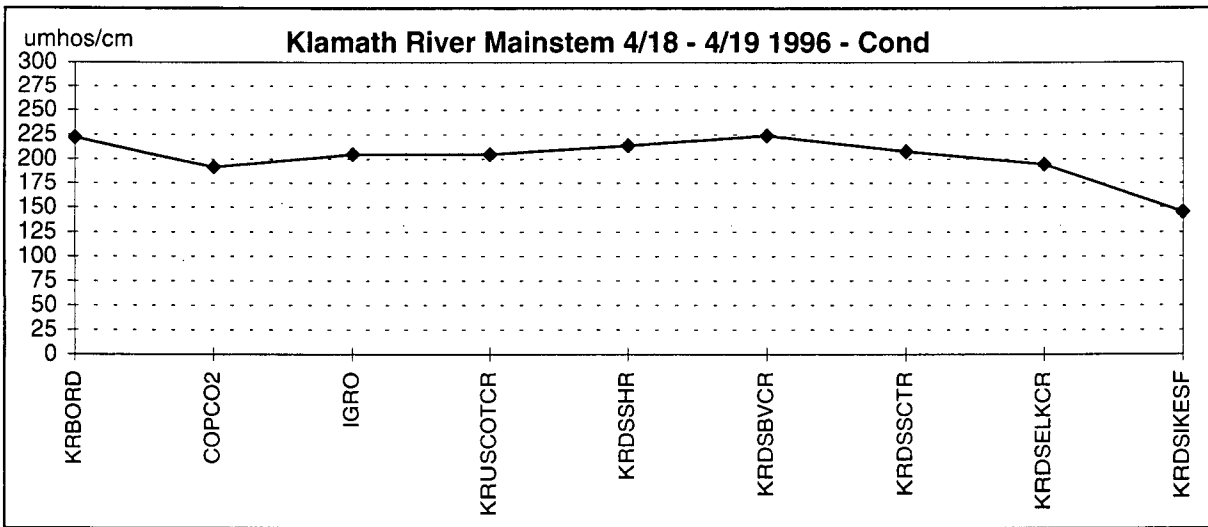
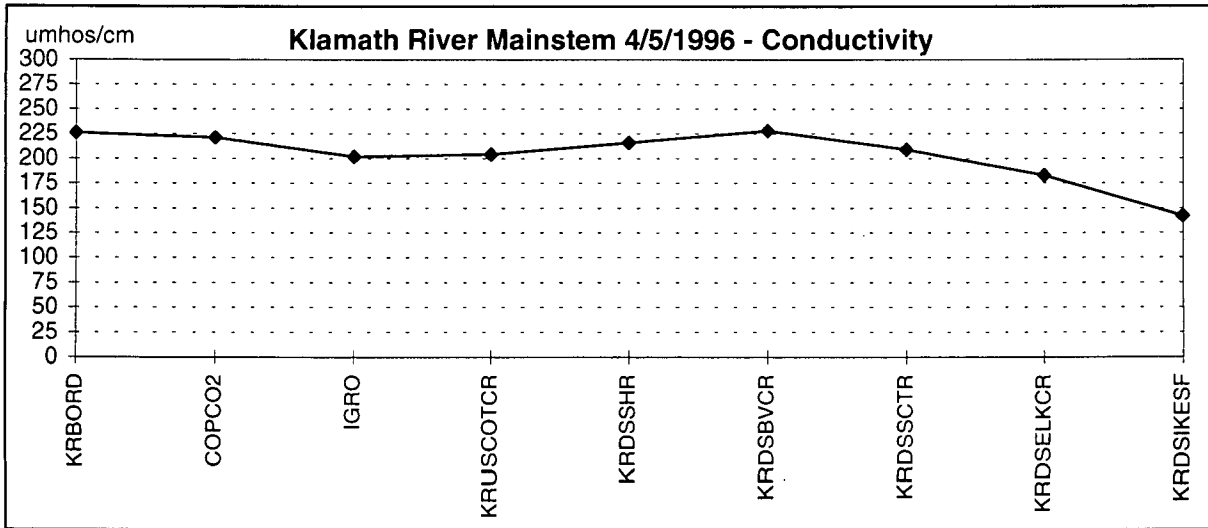
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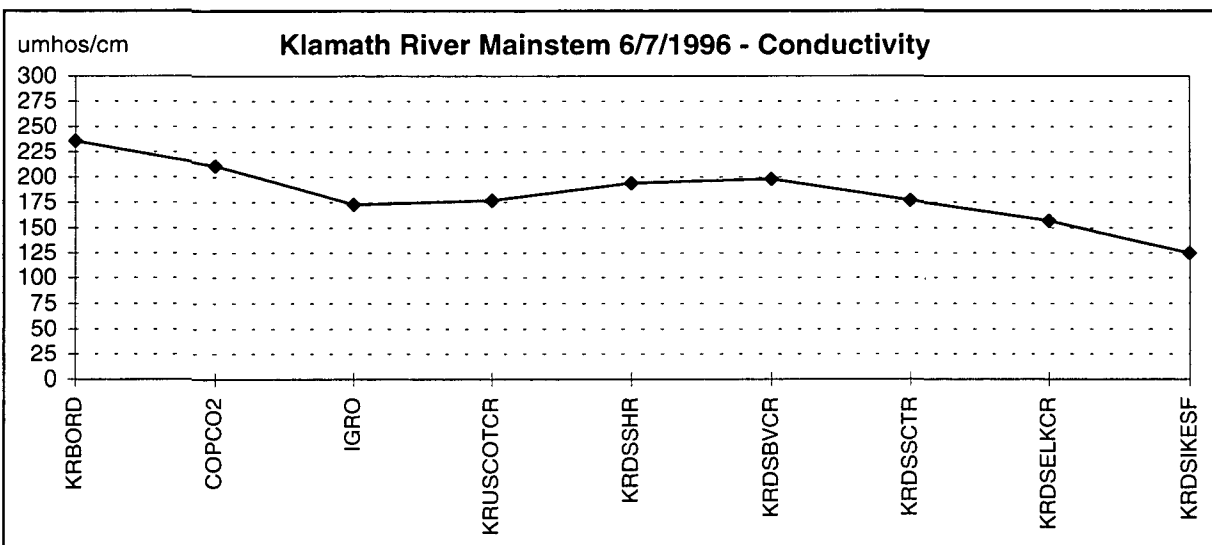
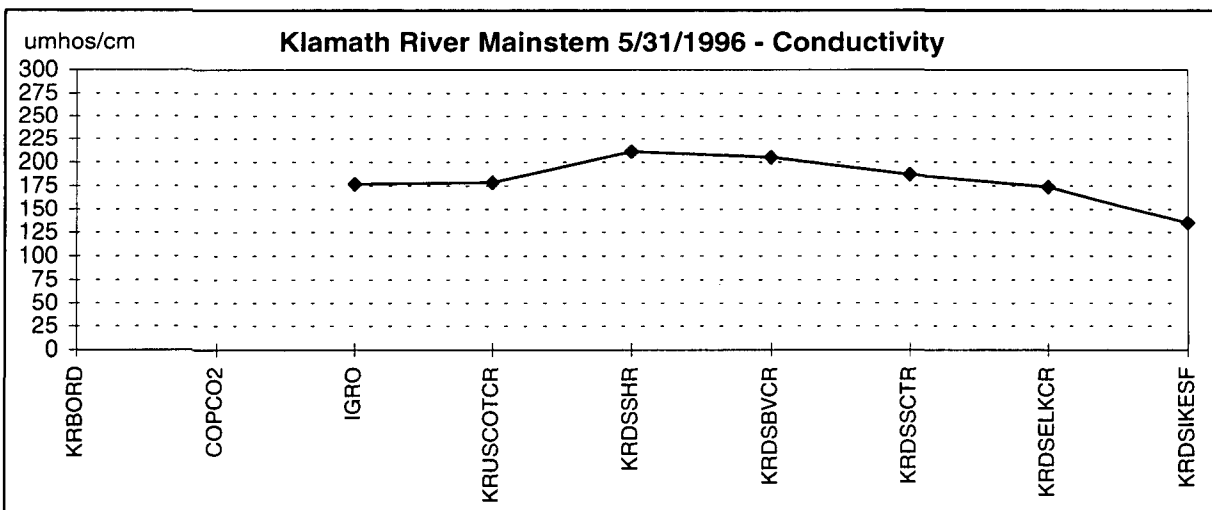
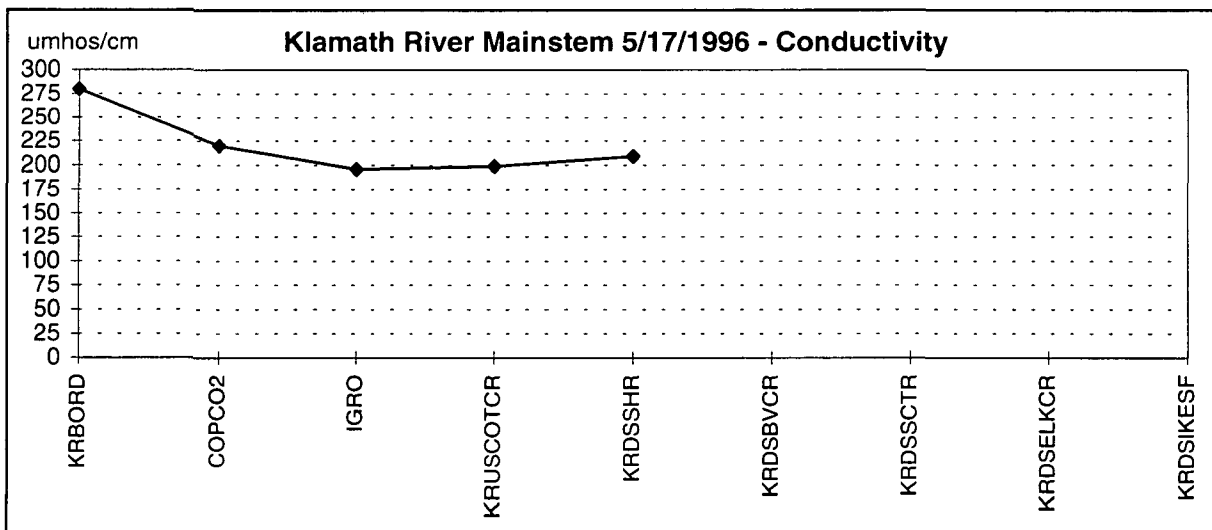


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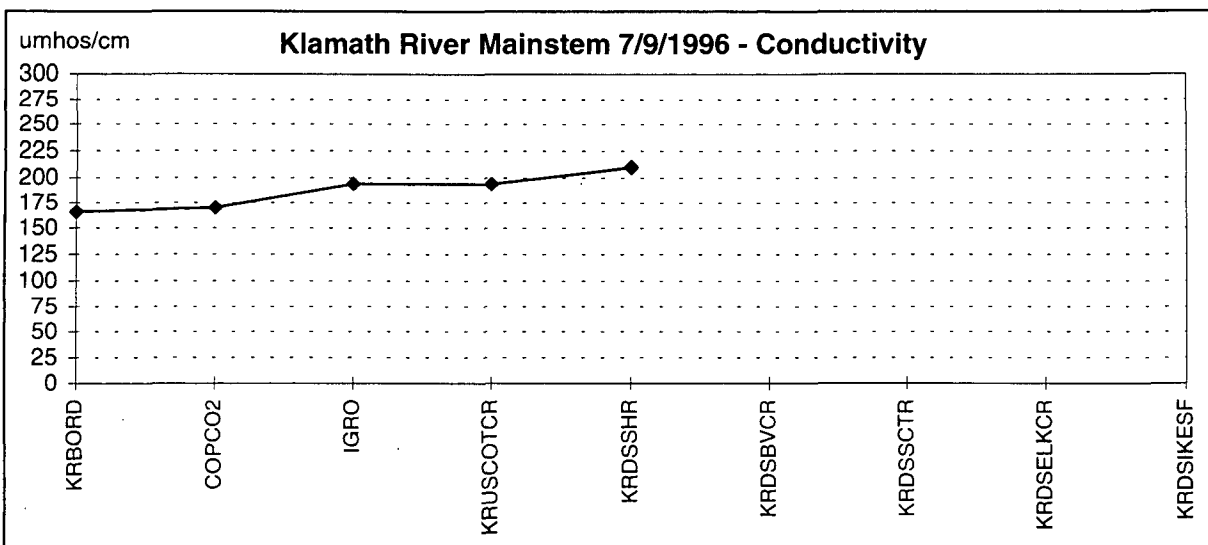
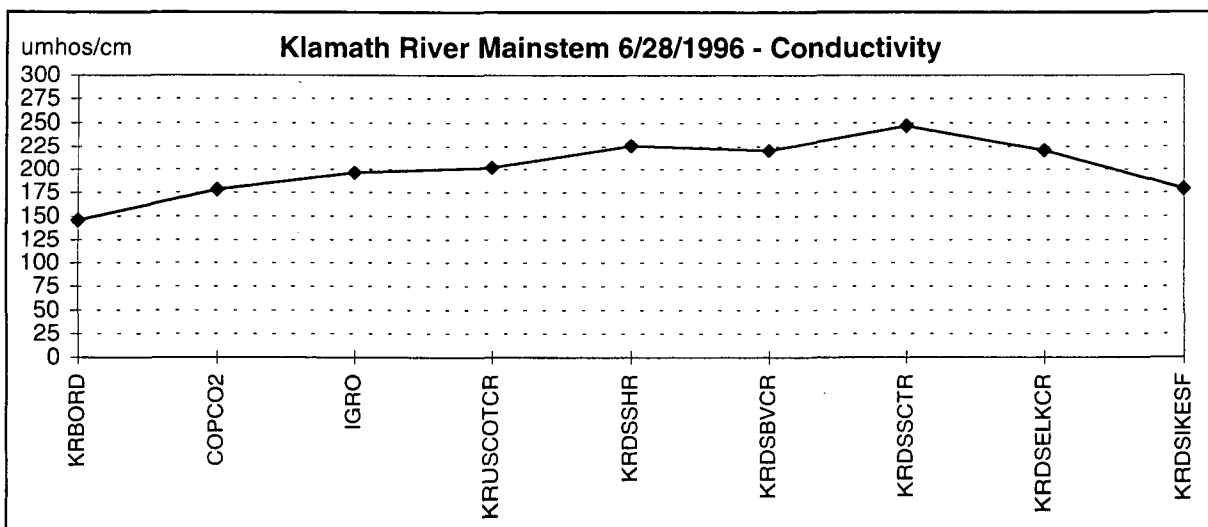
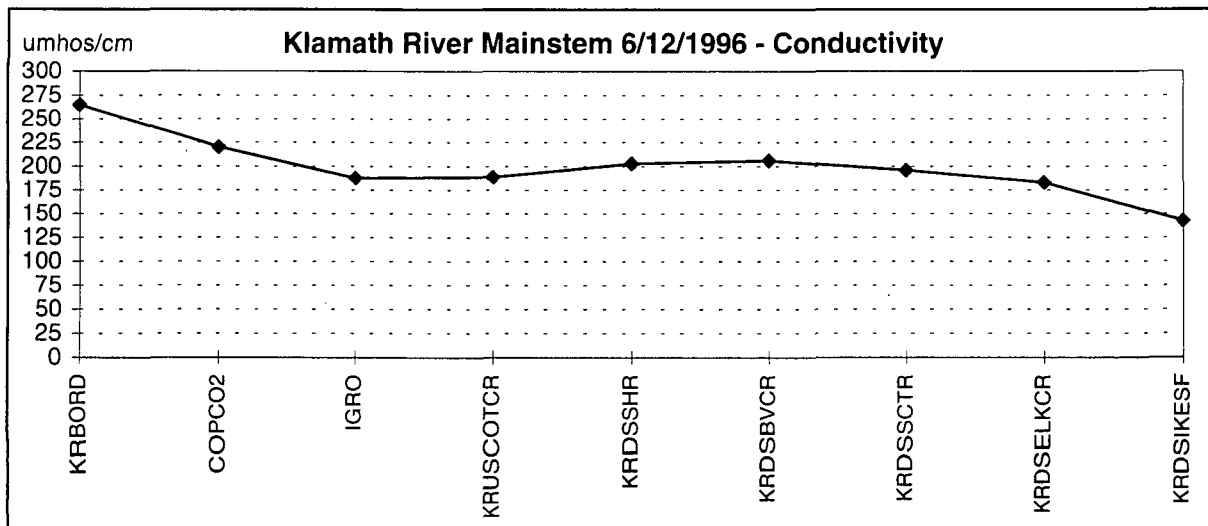


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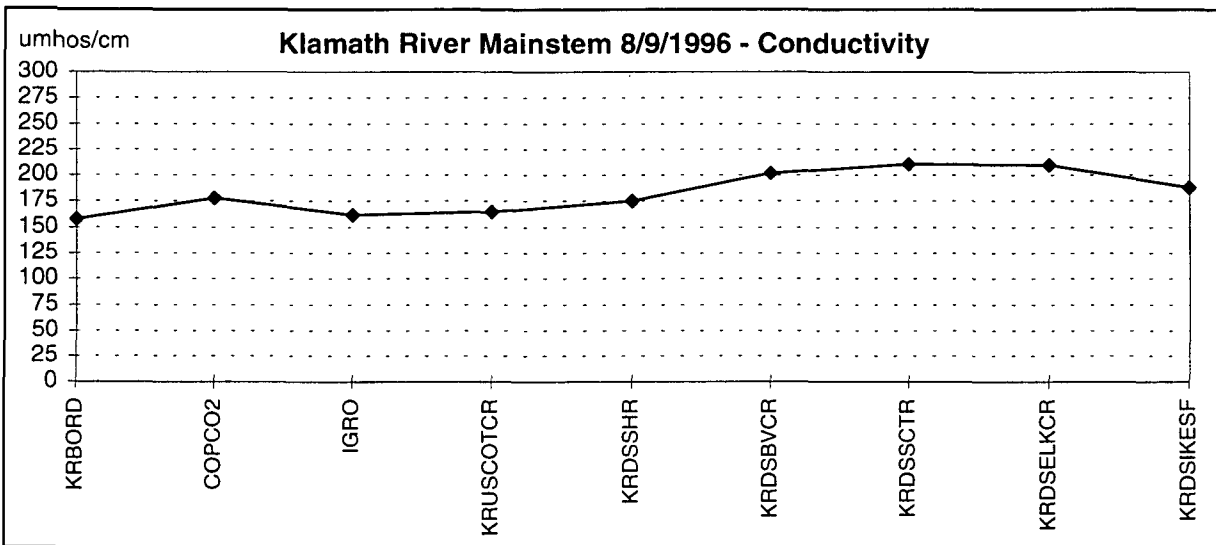
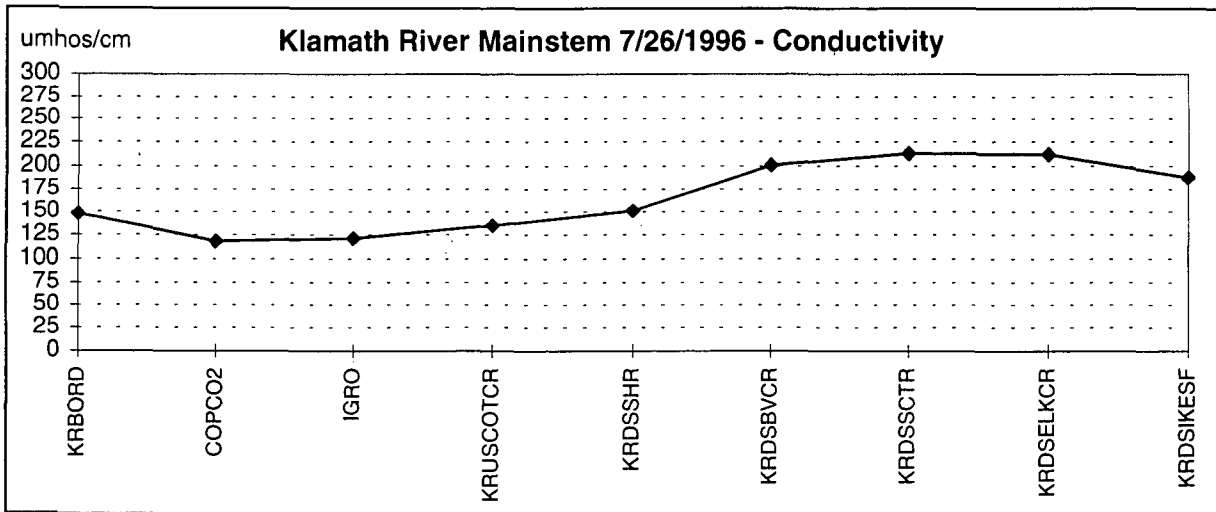
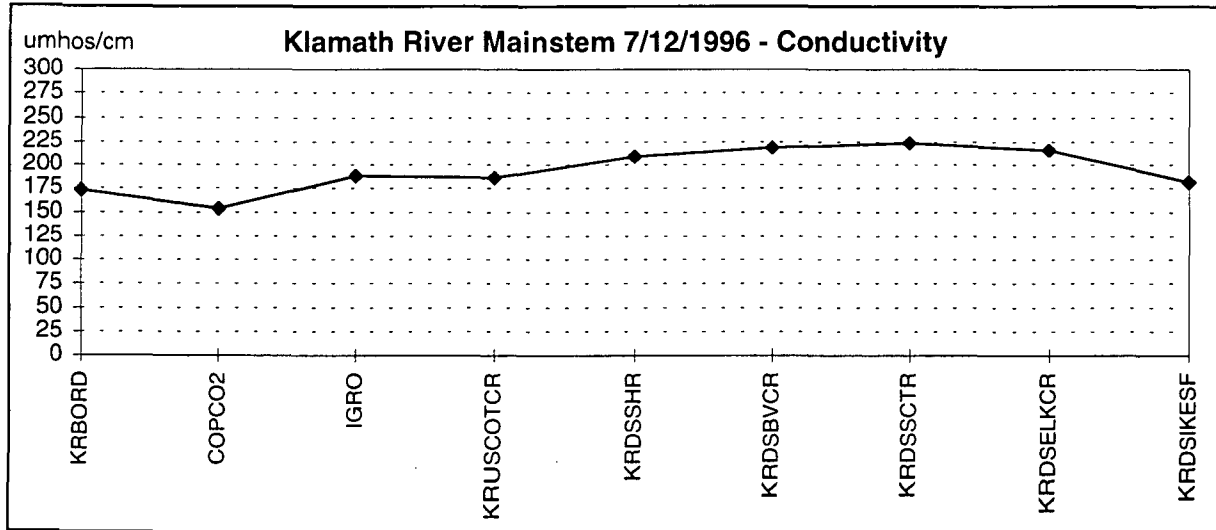
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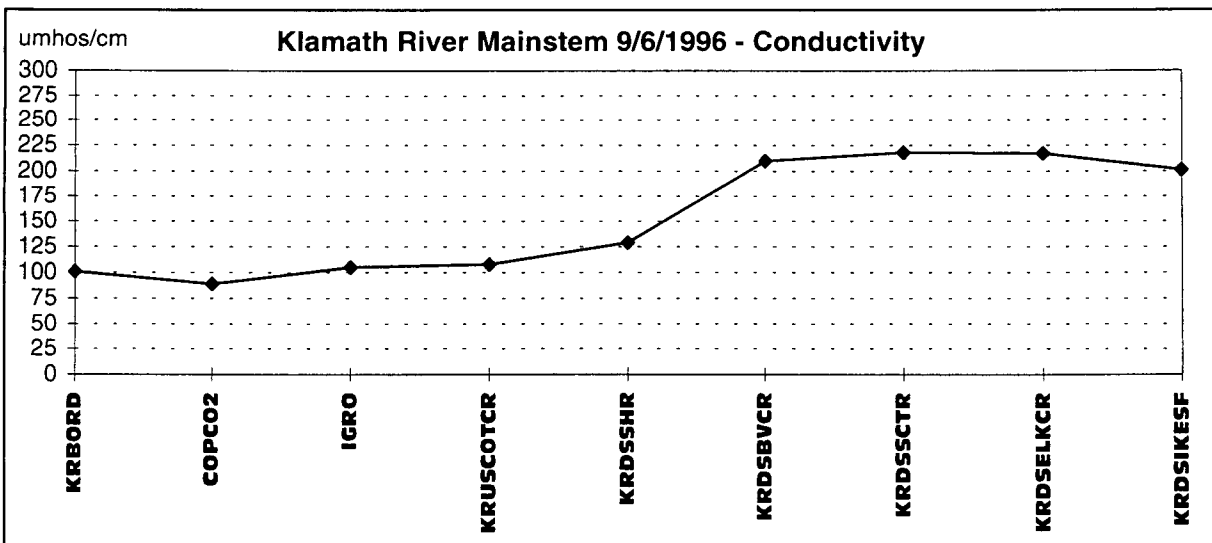
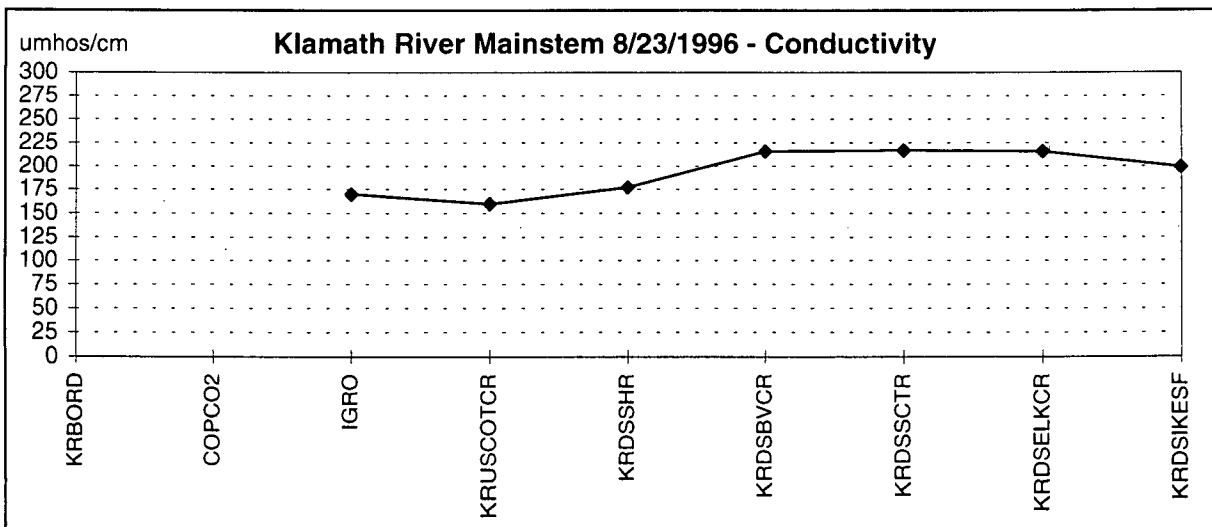
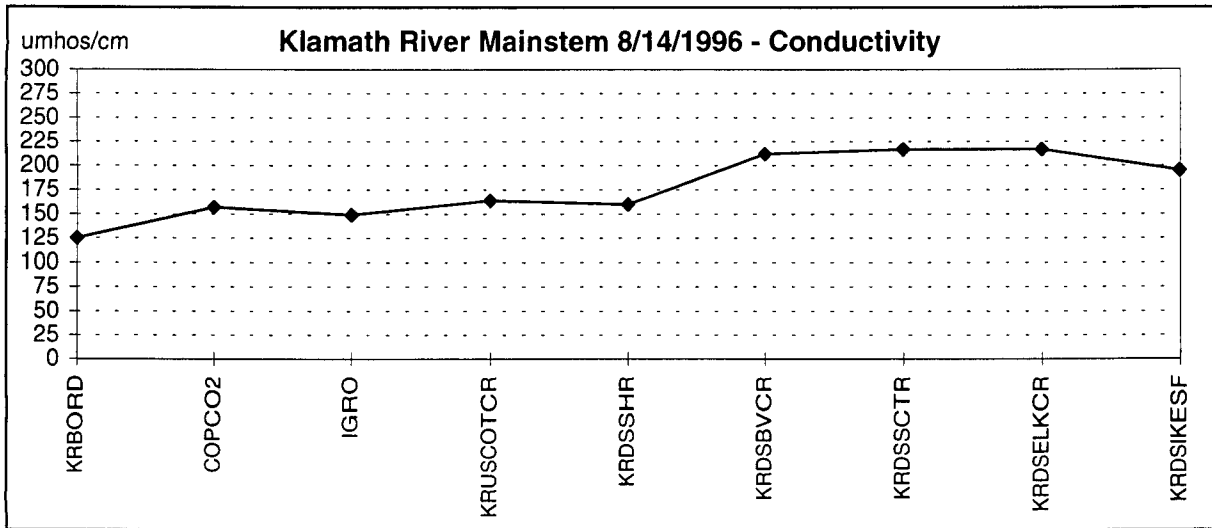
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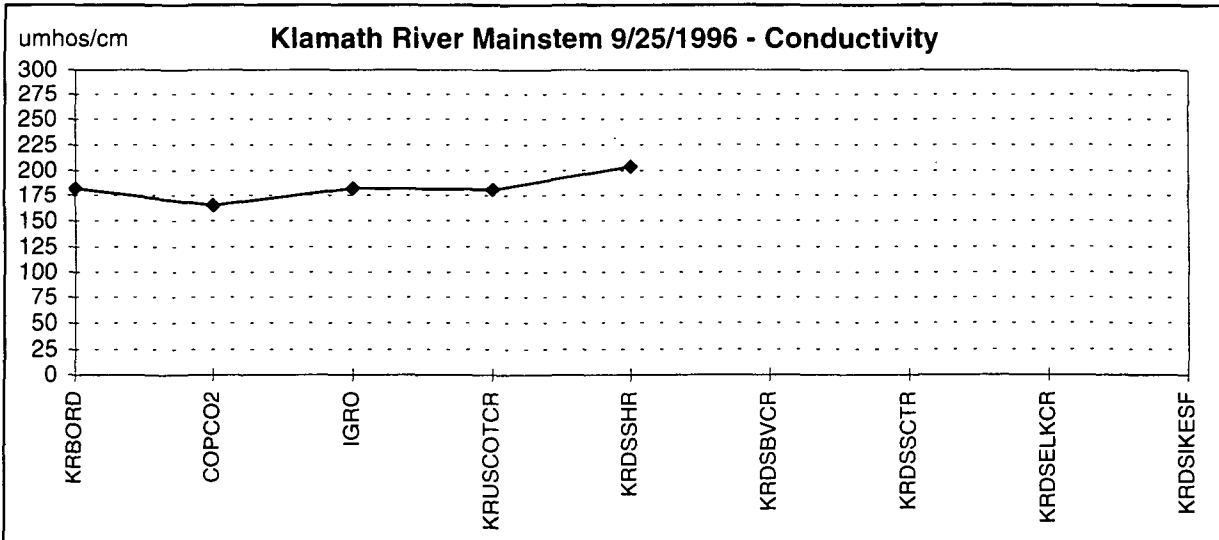
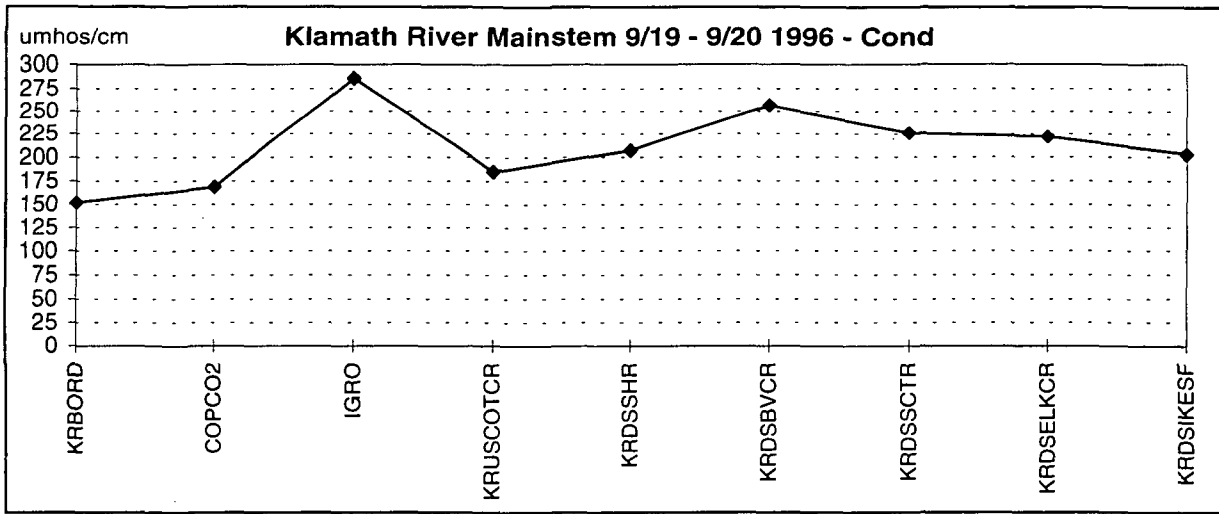
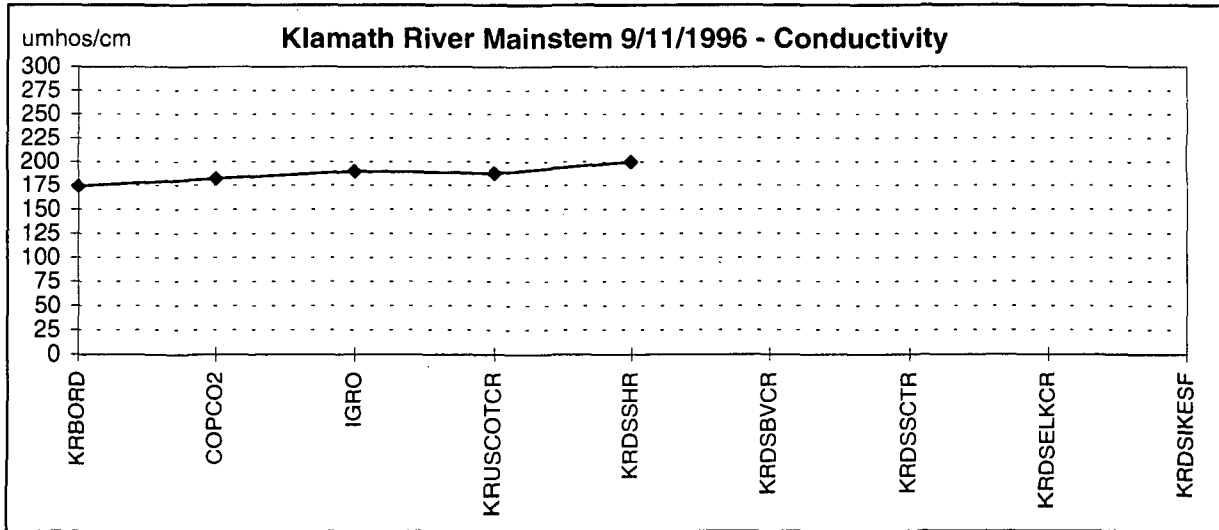
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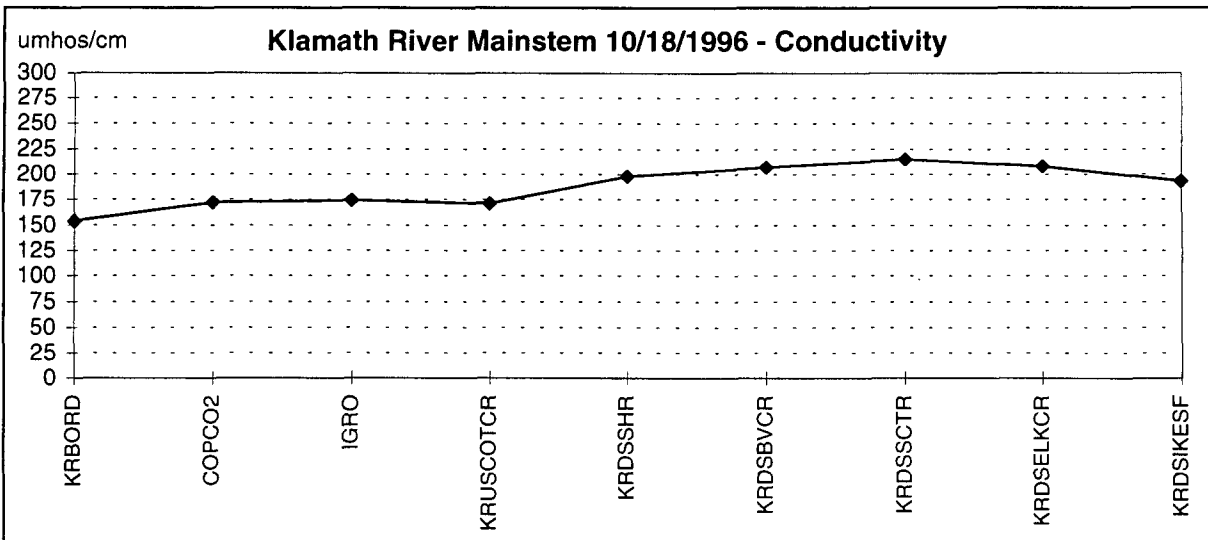
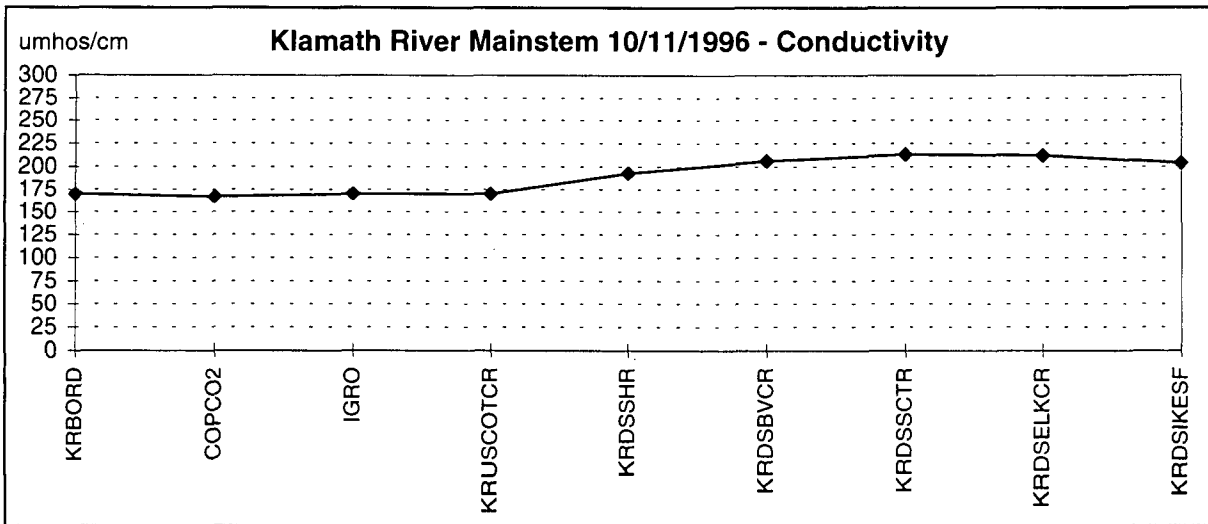
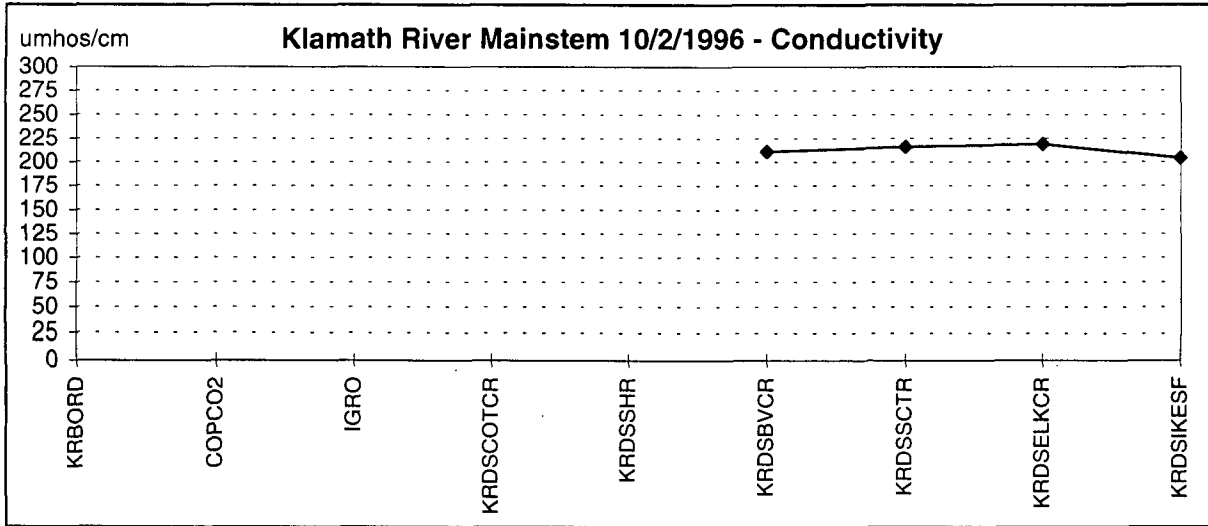
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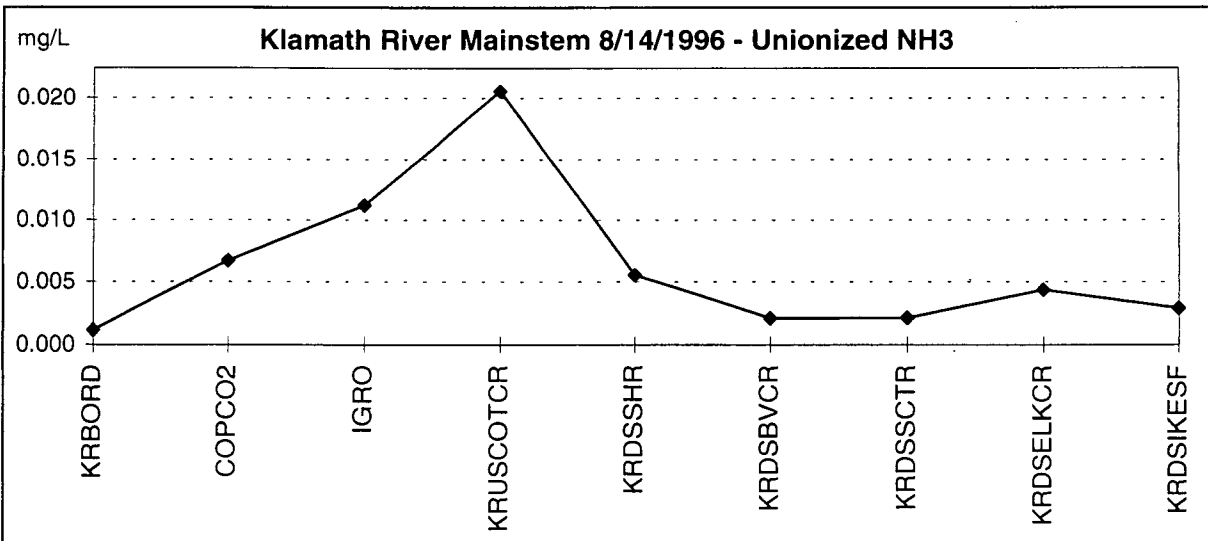
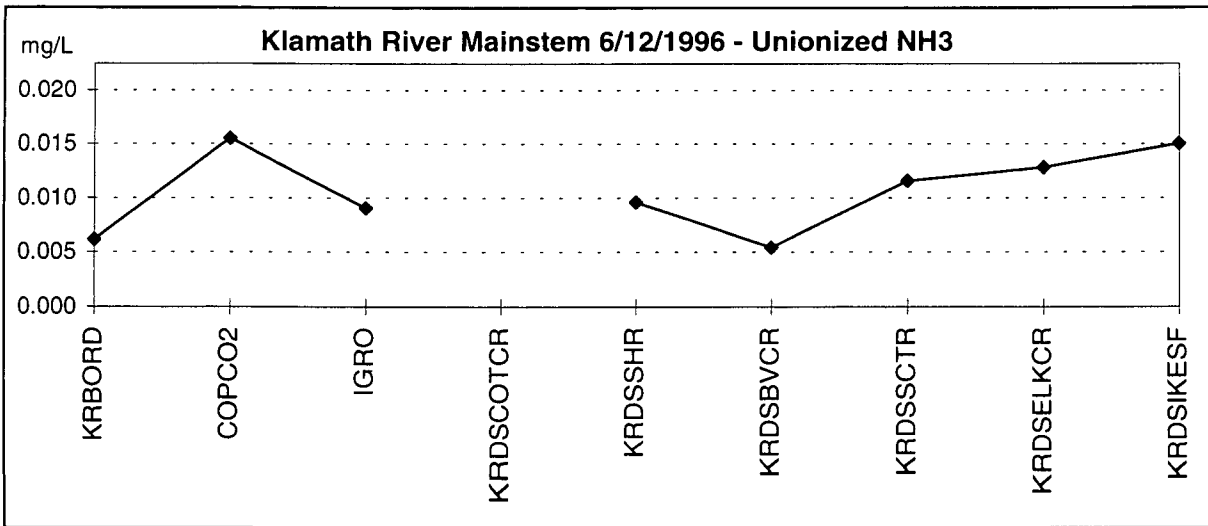
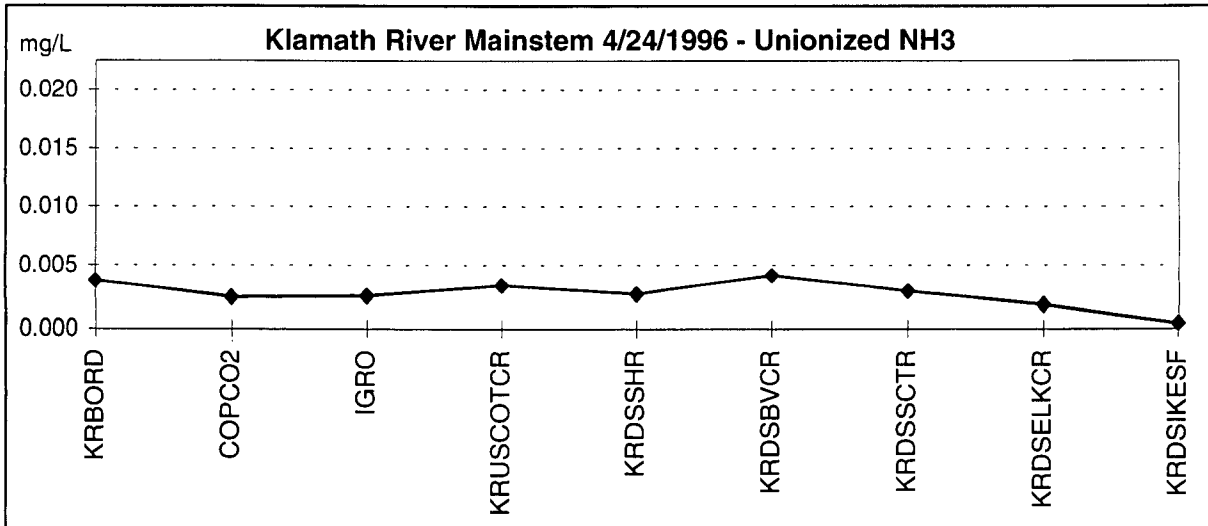
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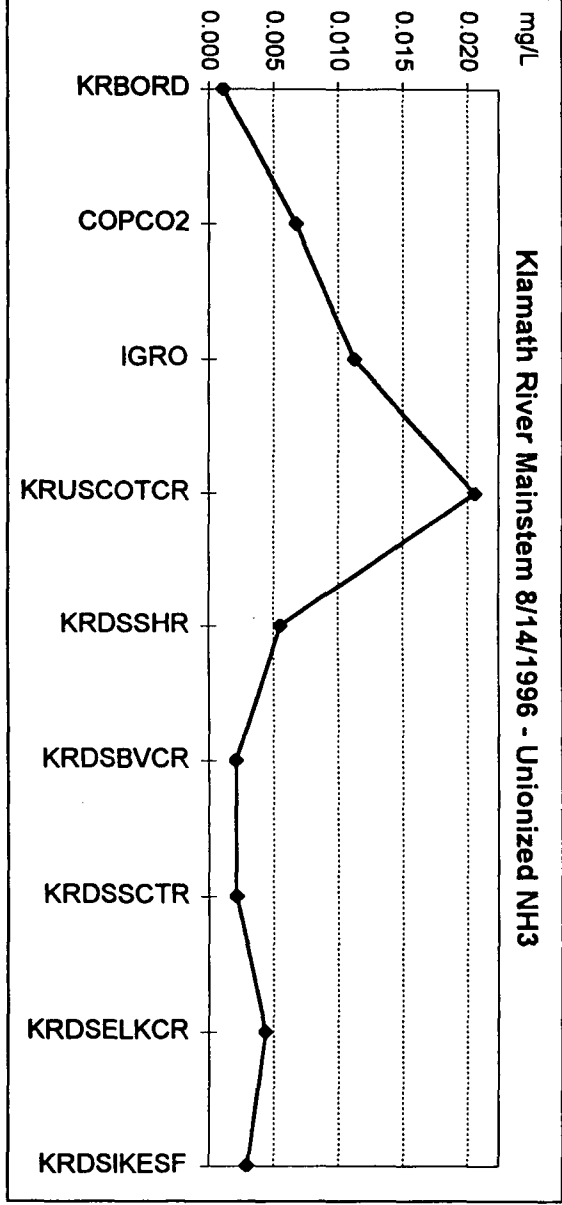
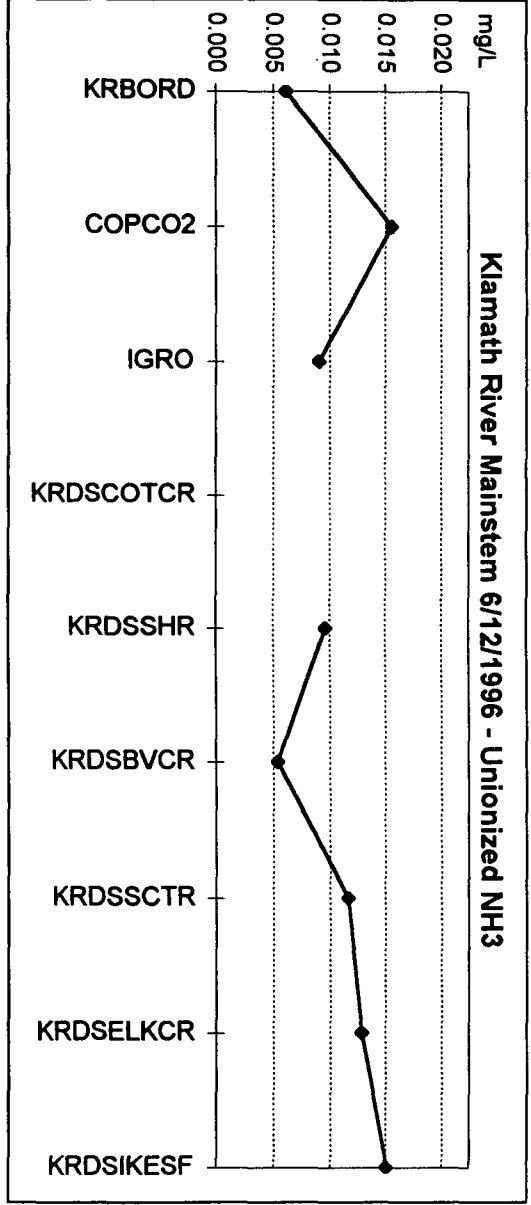
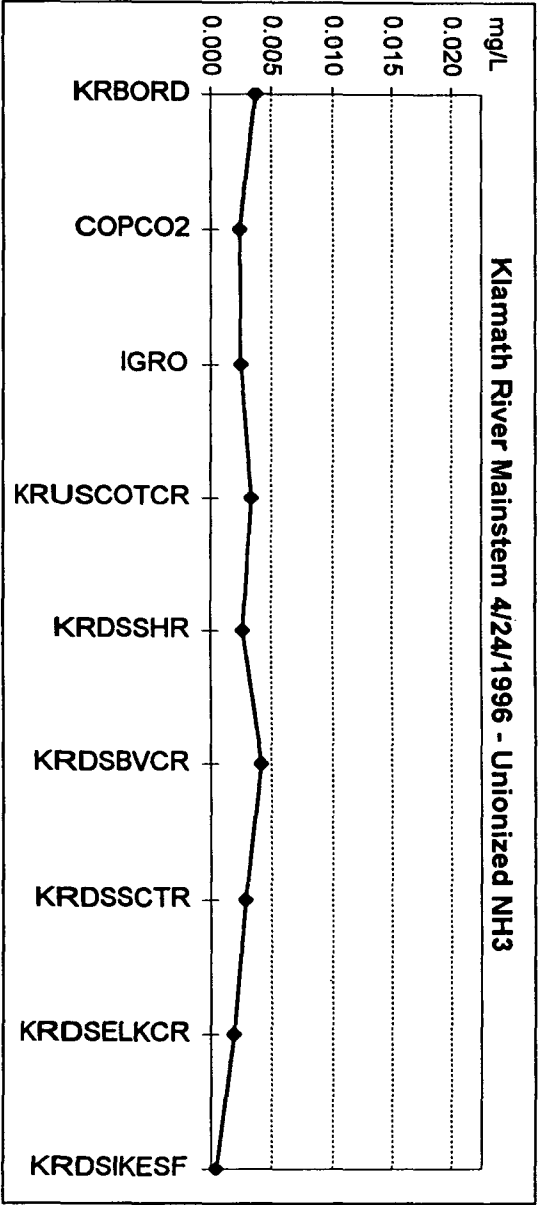
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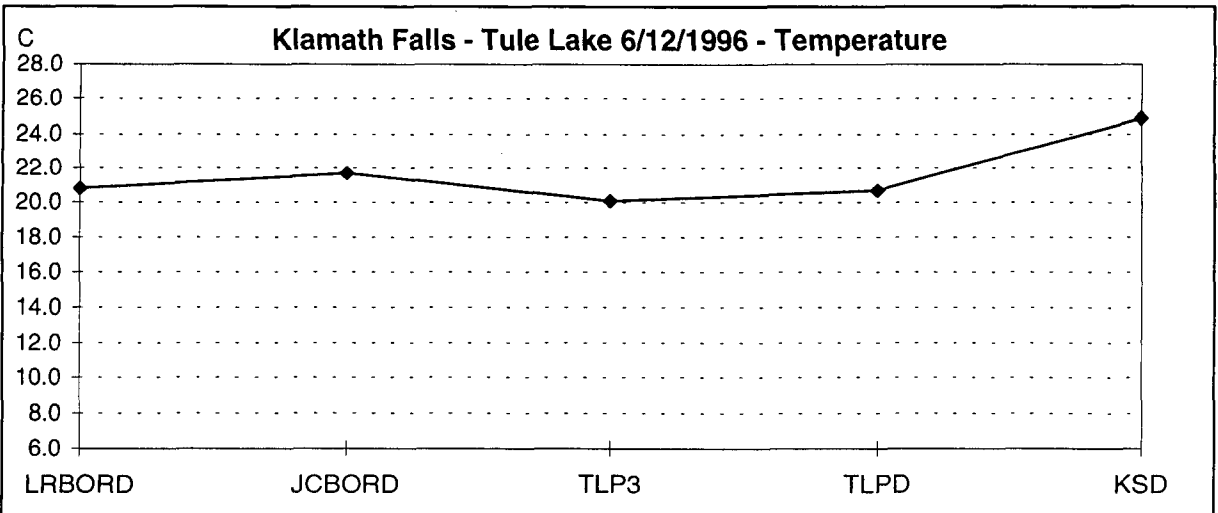
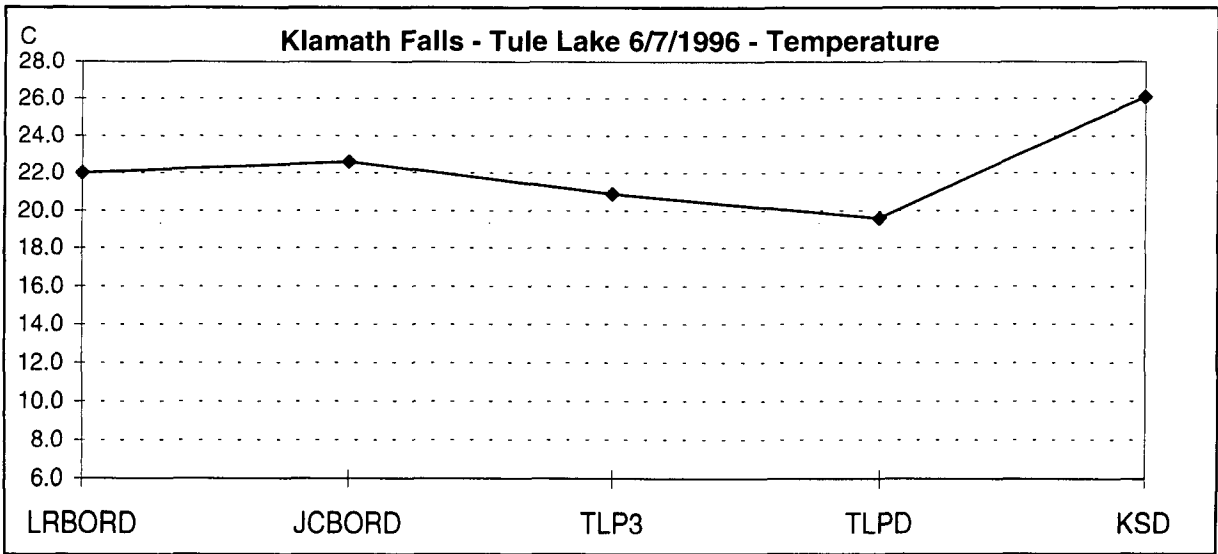
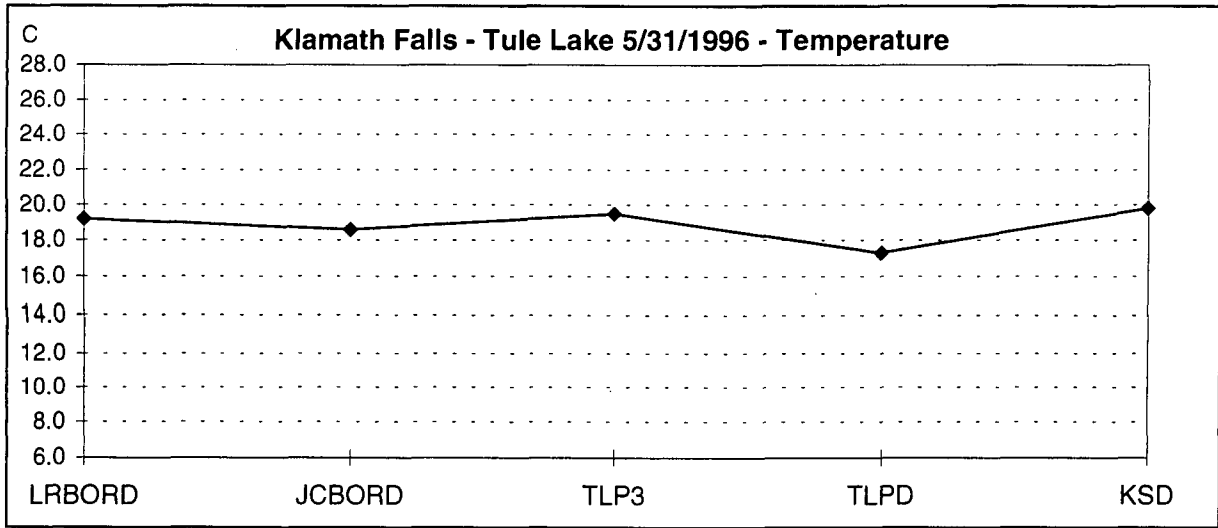
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Mainstem Date Unionized

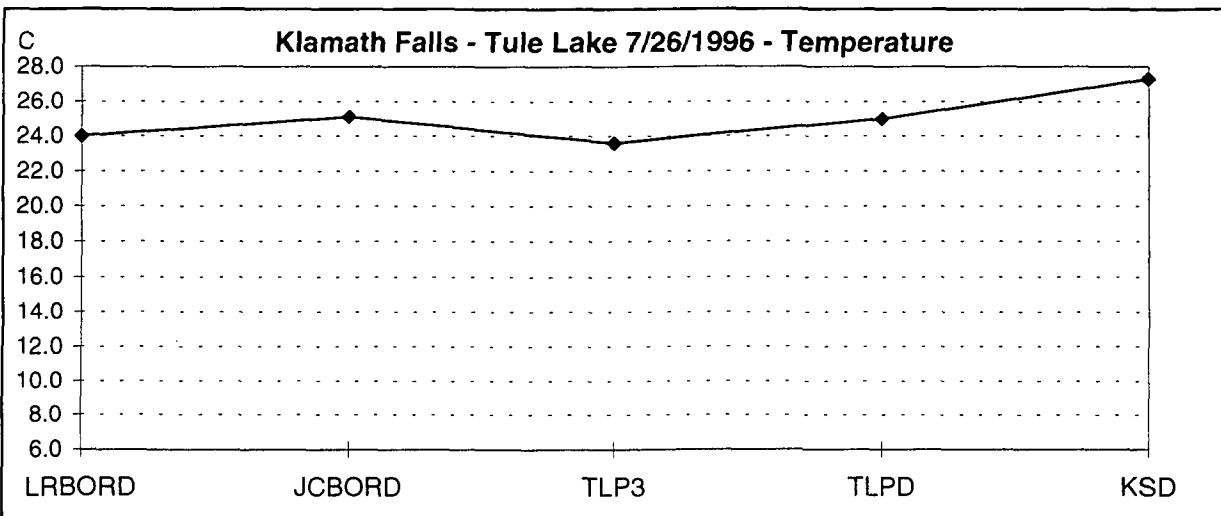
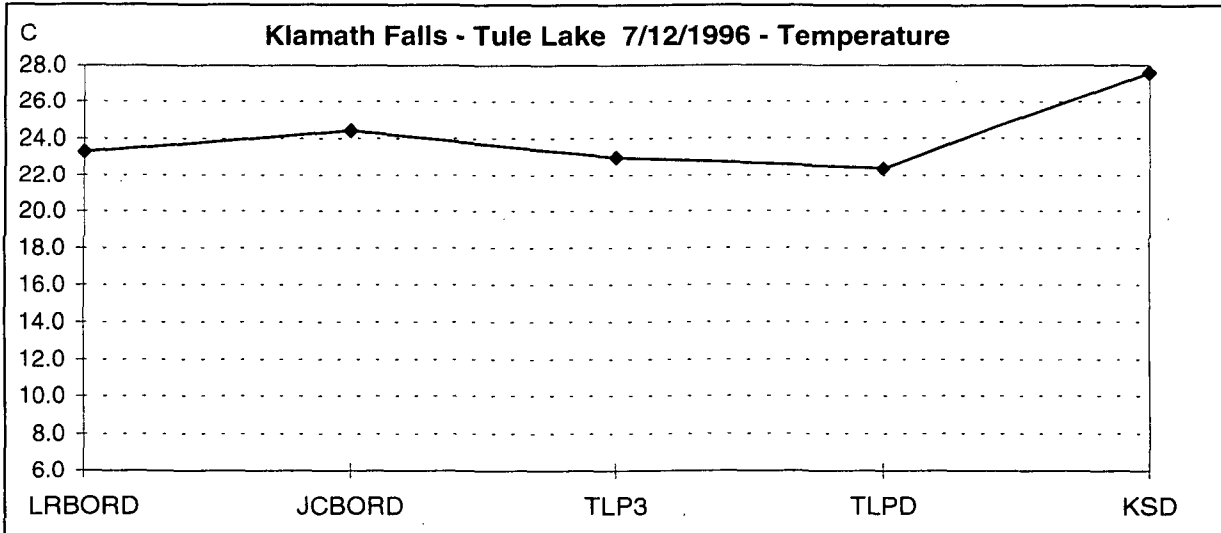
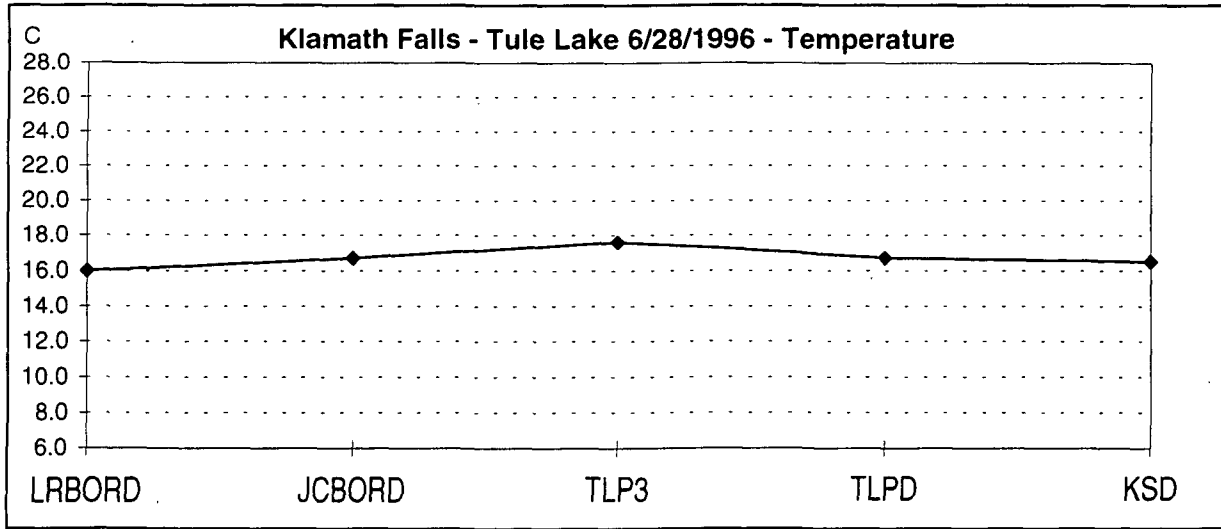


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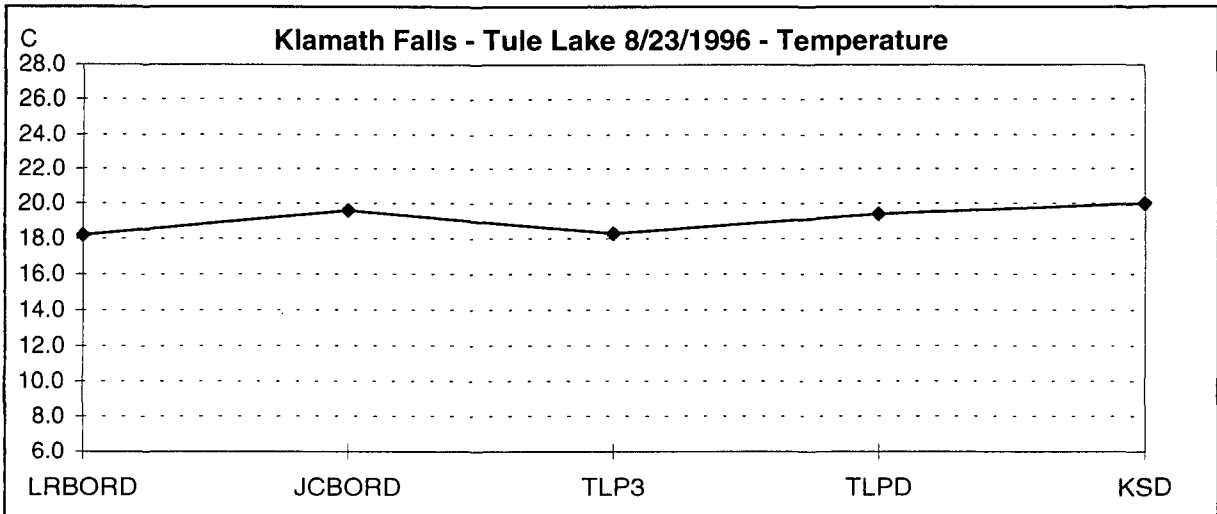
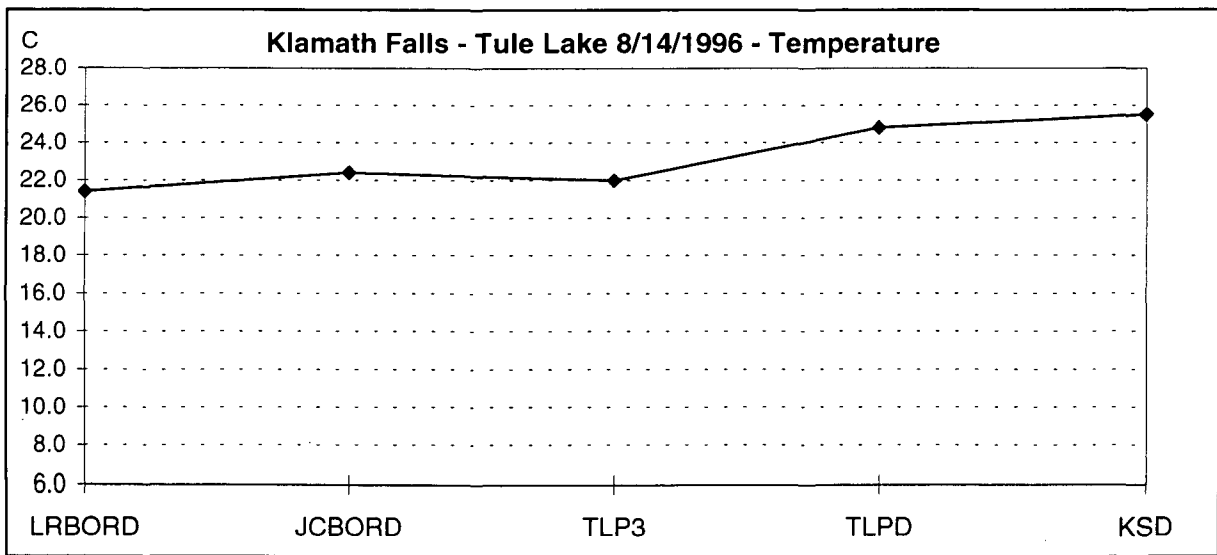
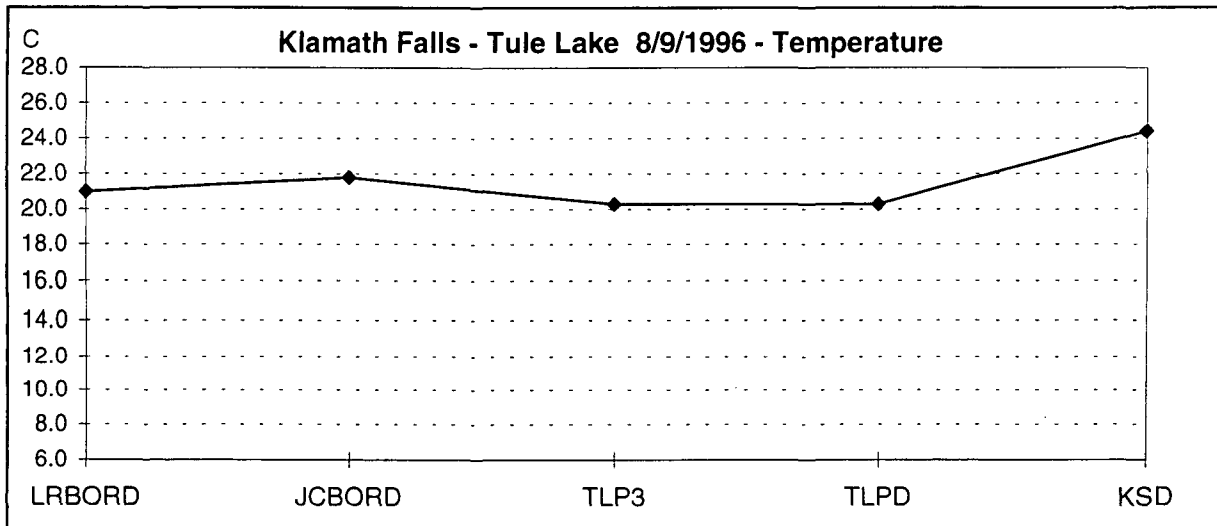


Jul 12

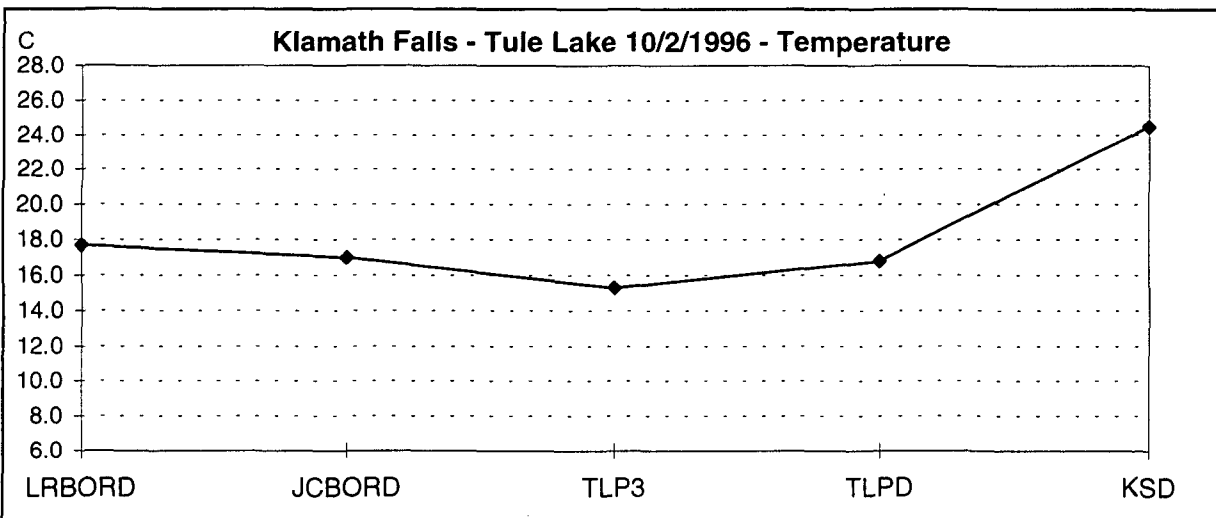
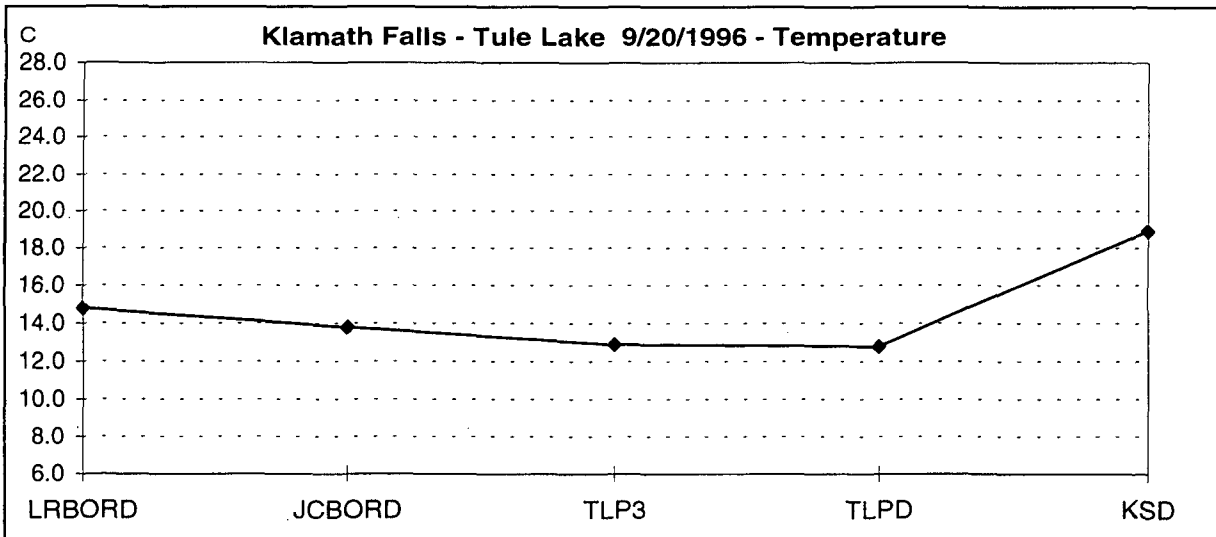
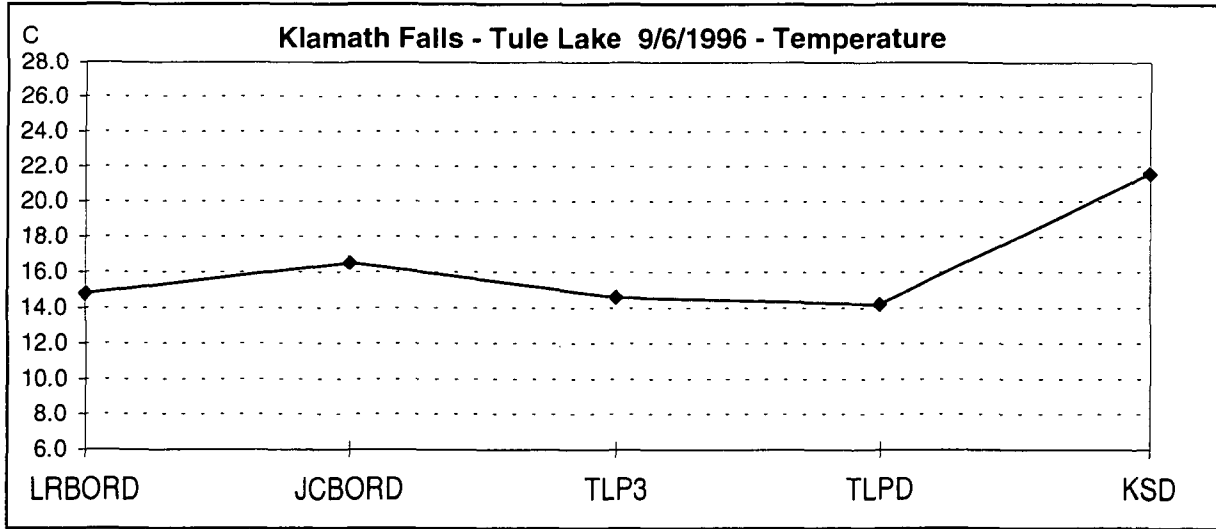
K Falls - Tule Date Temps



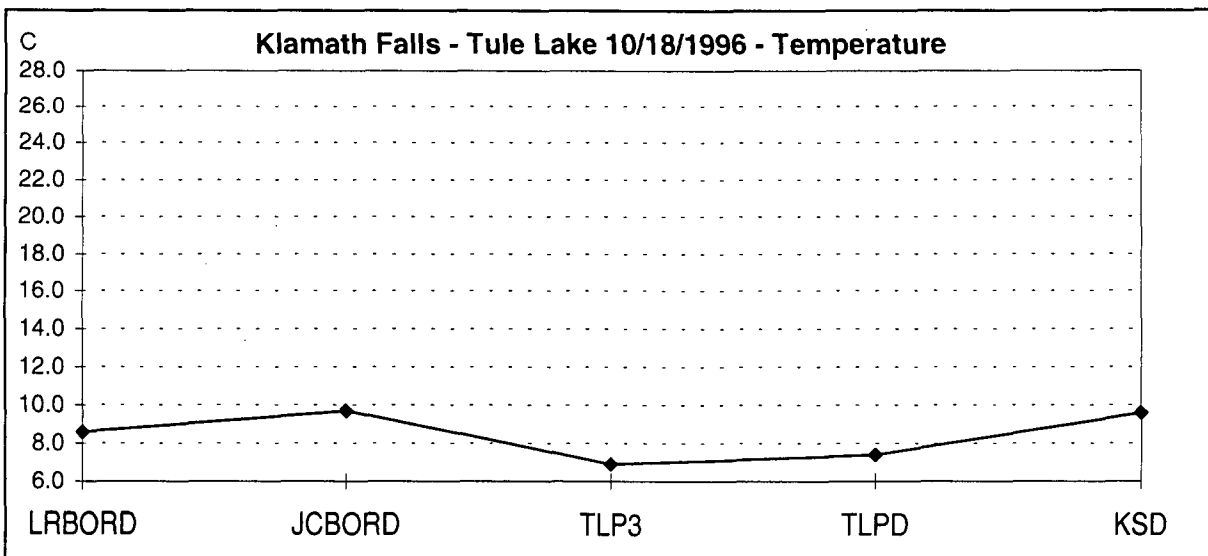
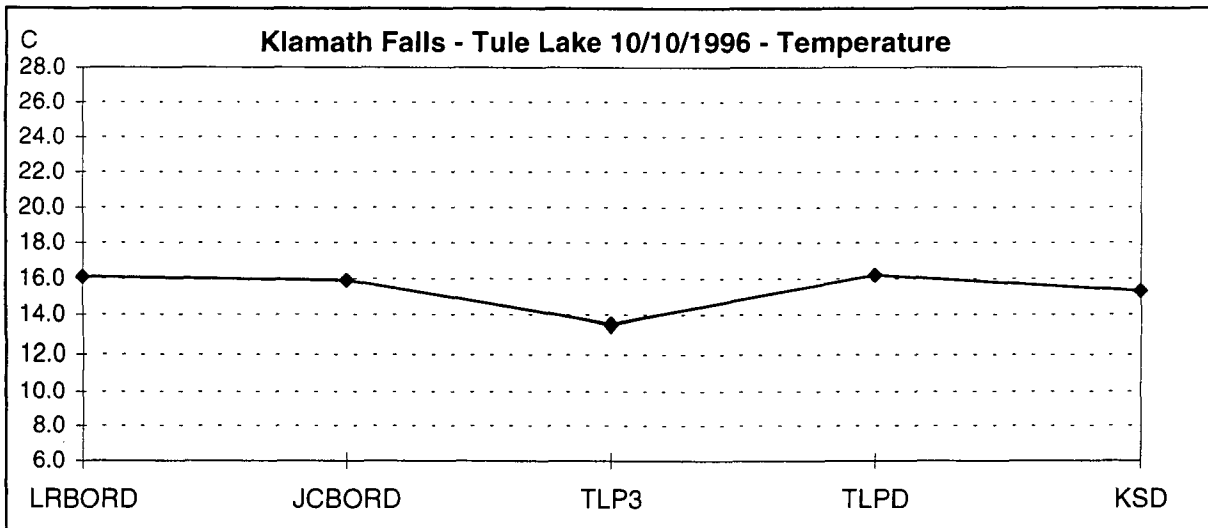
K Falls - Tule Date Temps



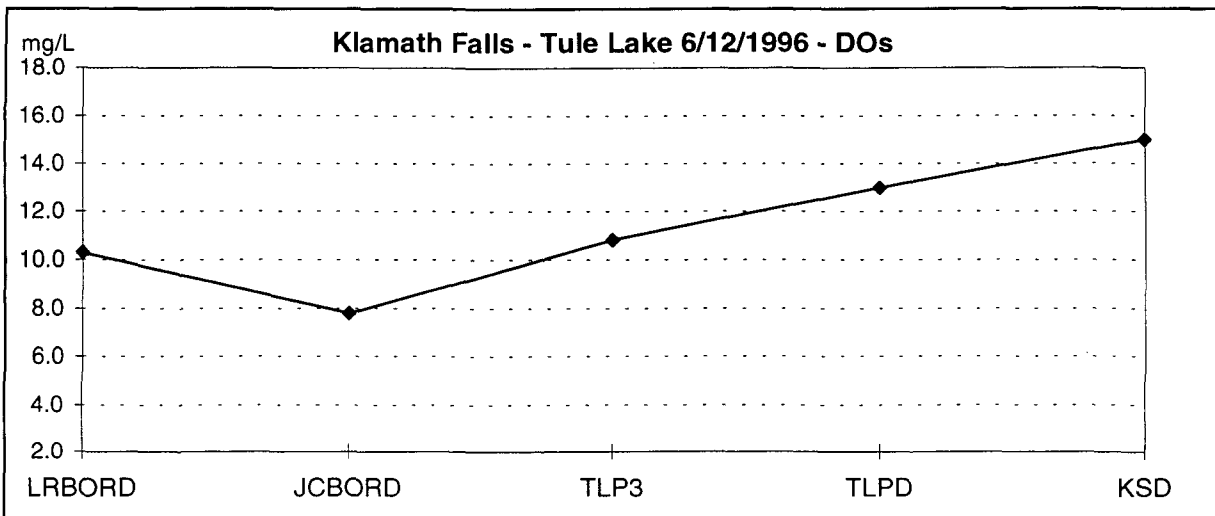
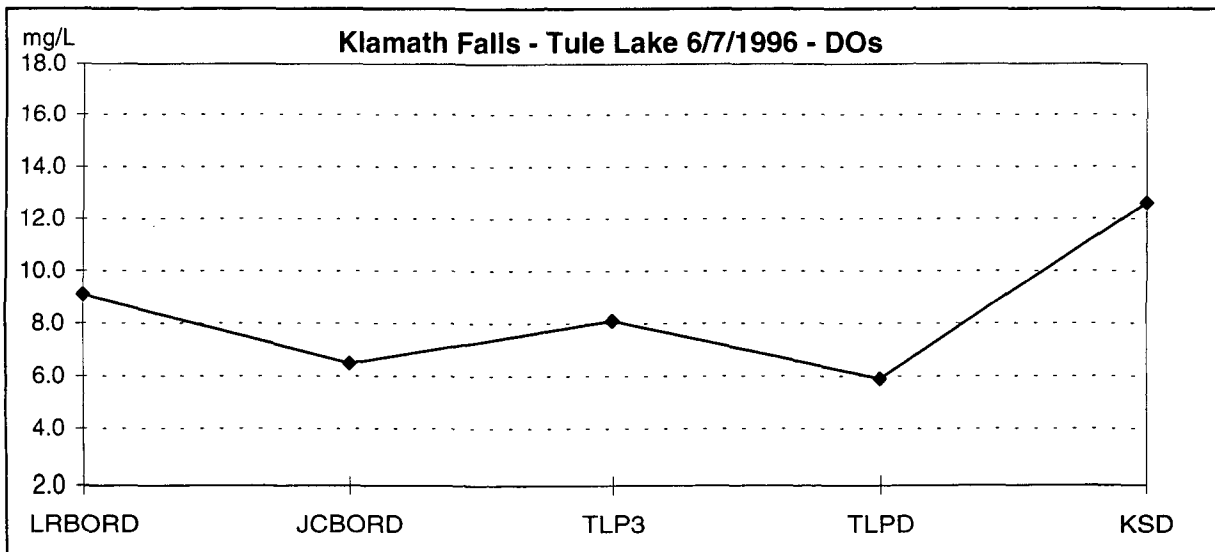
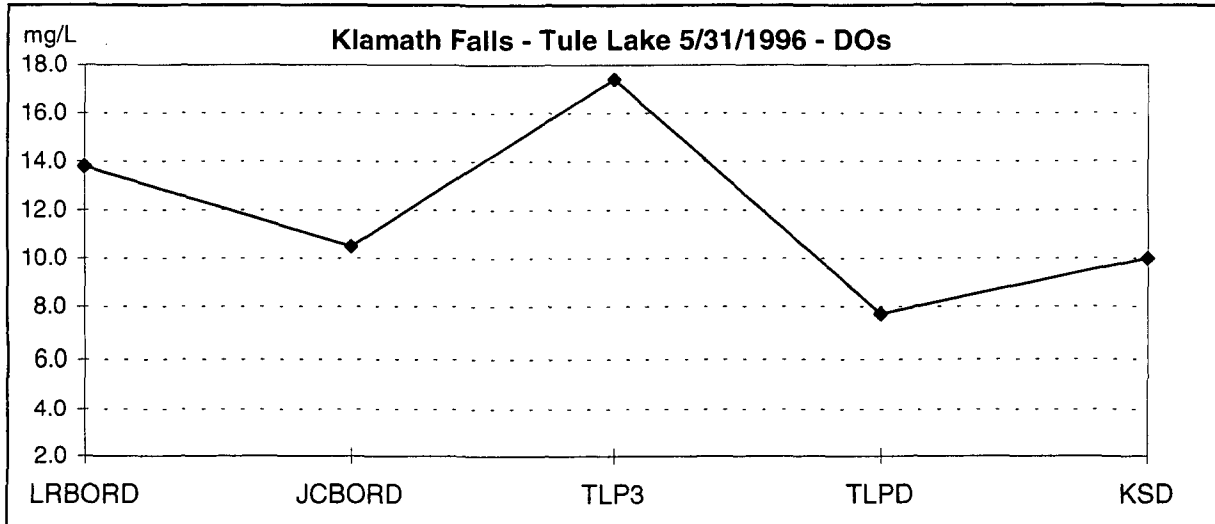
K Falls - Tule Date Temps



K Falls - Tule Date Temps

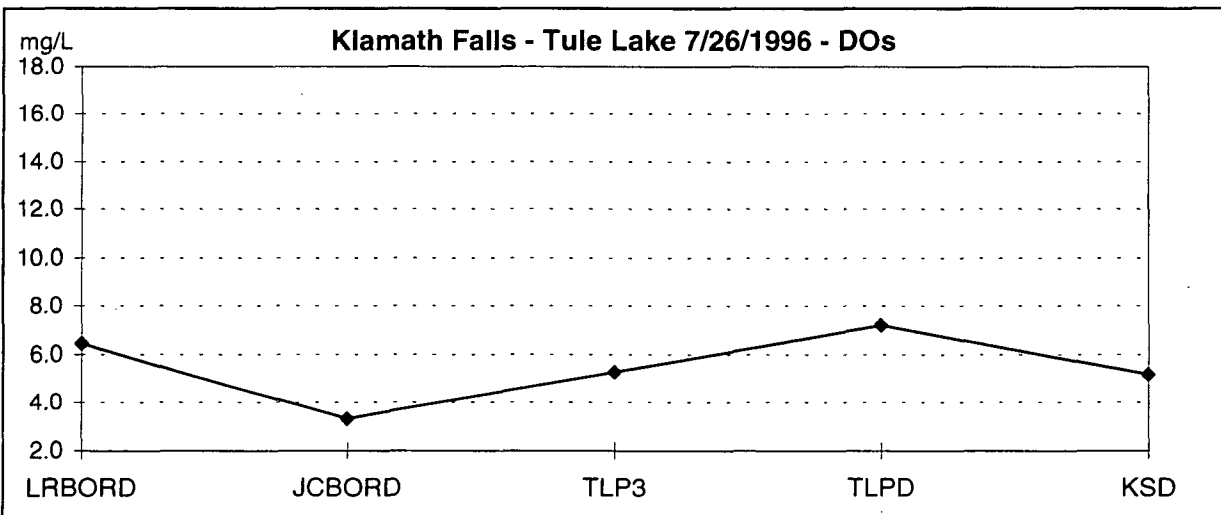
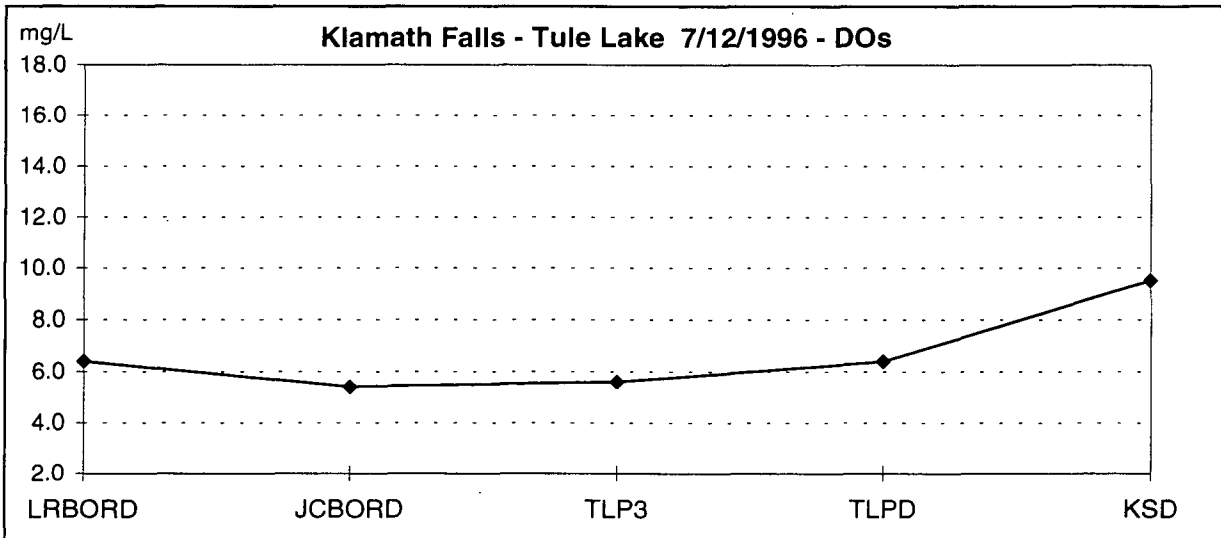
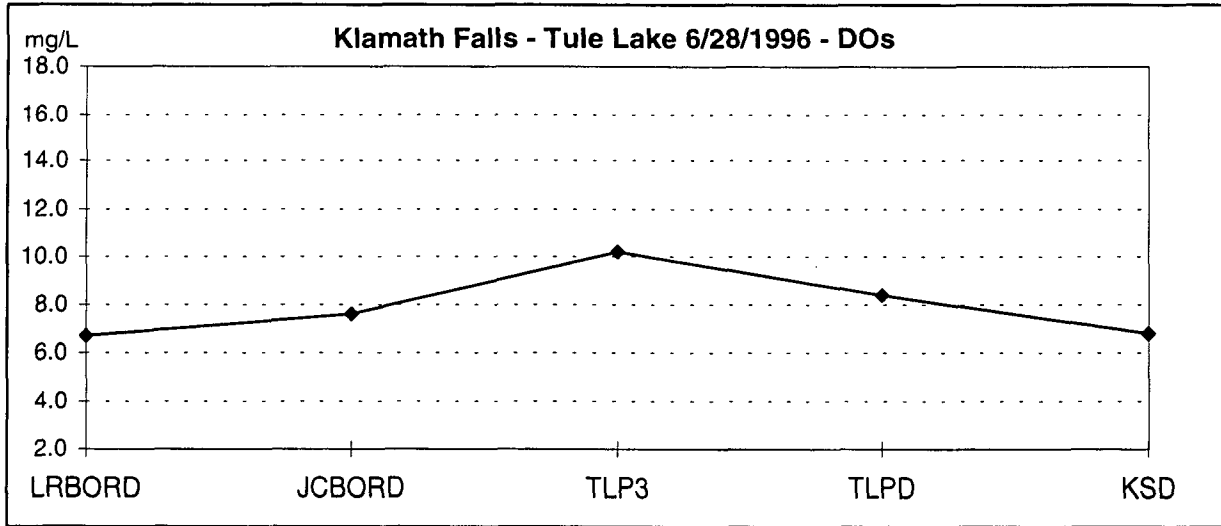


K Falls - Tule Date DOs

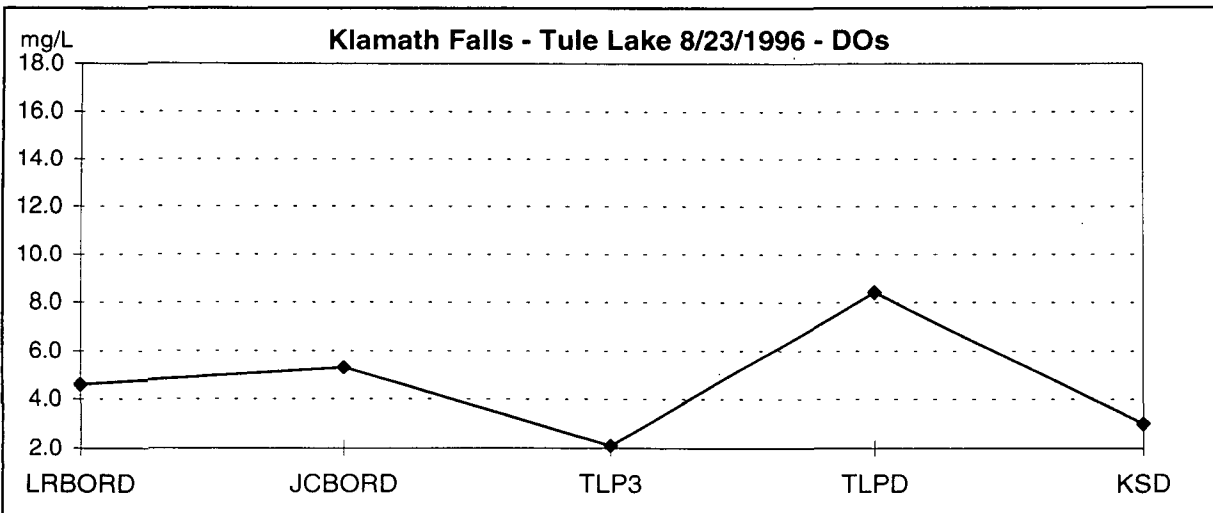
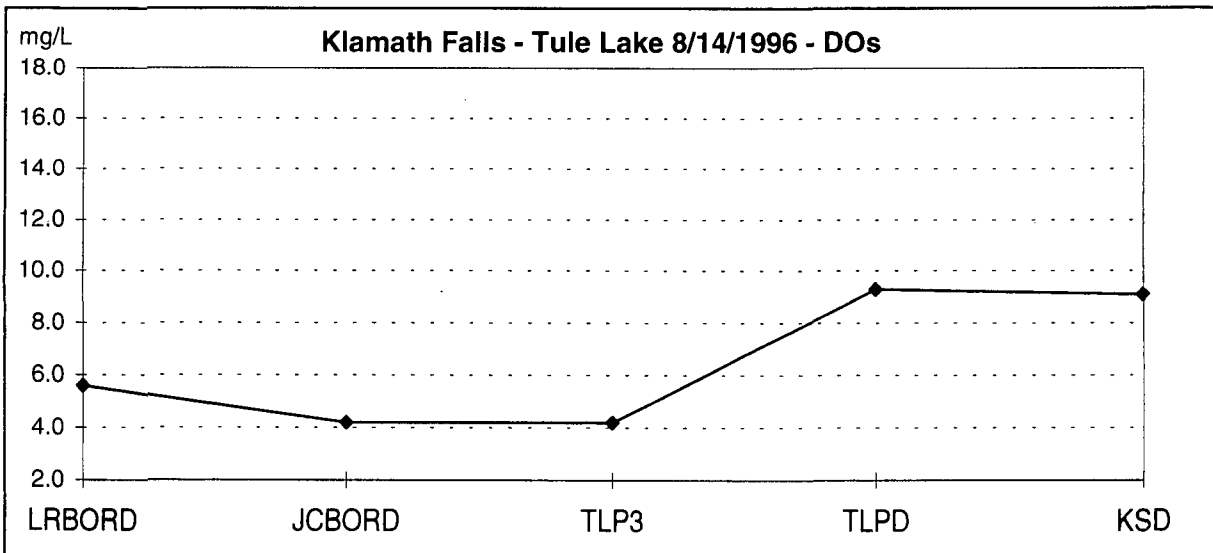
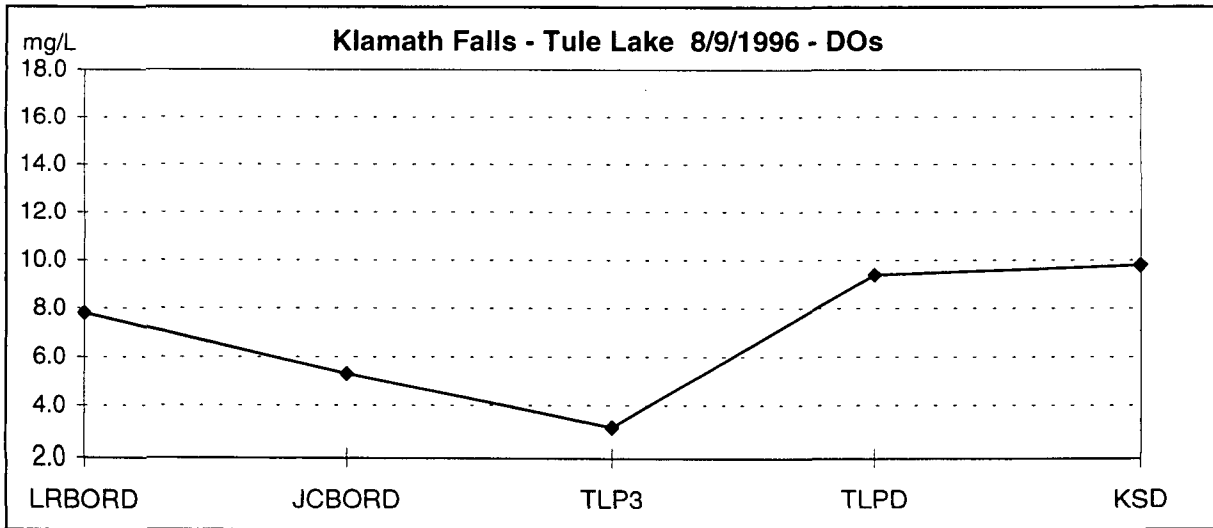


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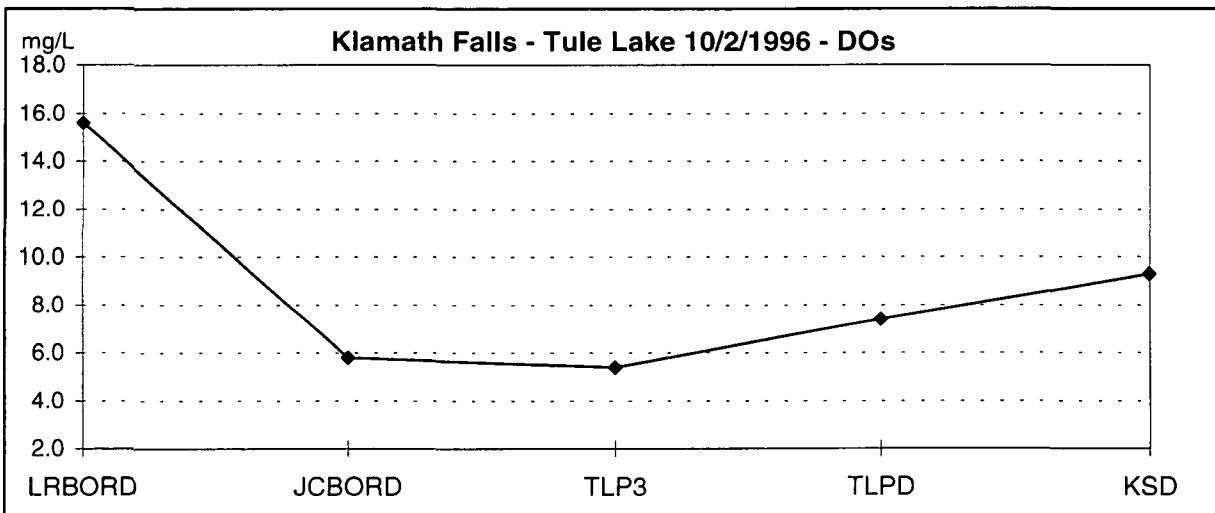
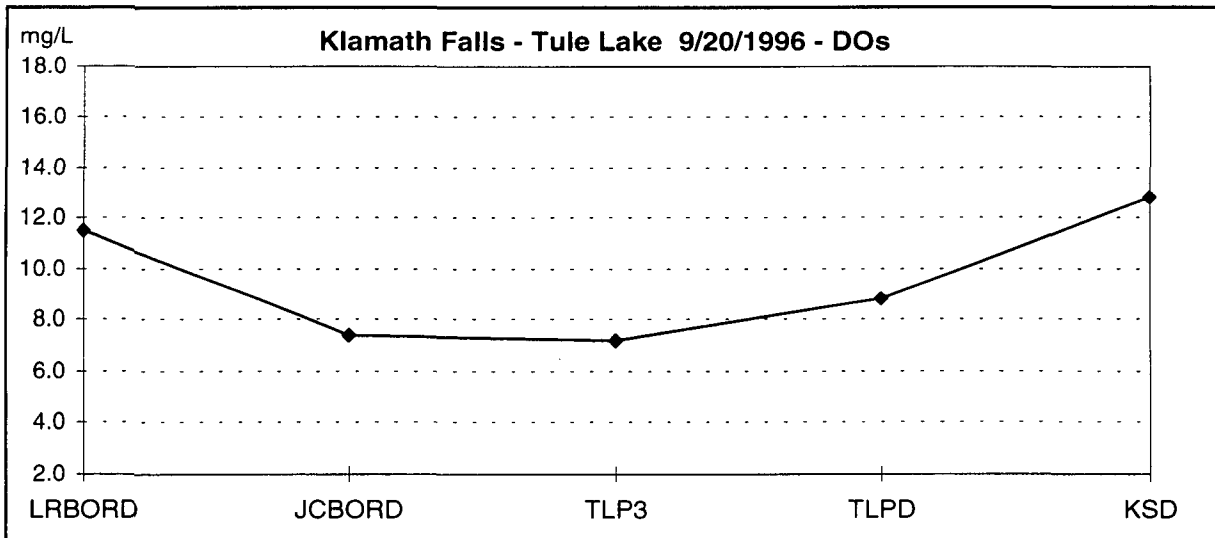
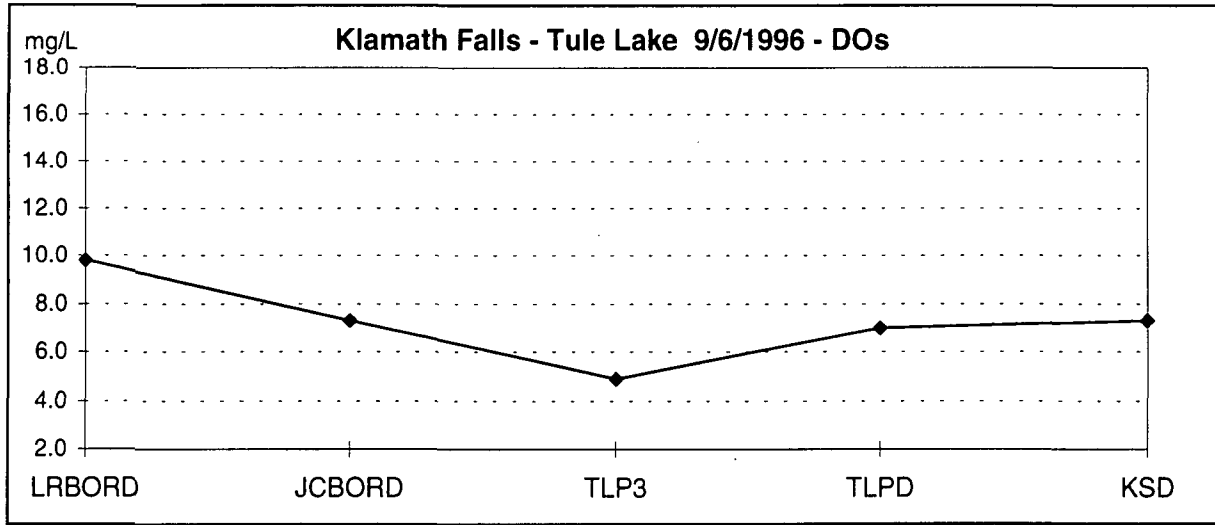
K Falls - Tule Date DOs



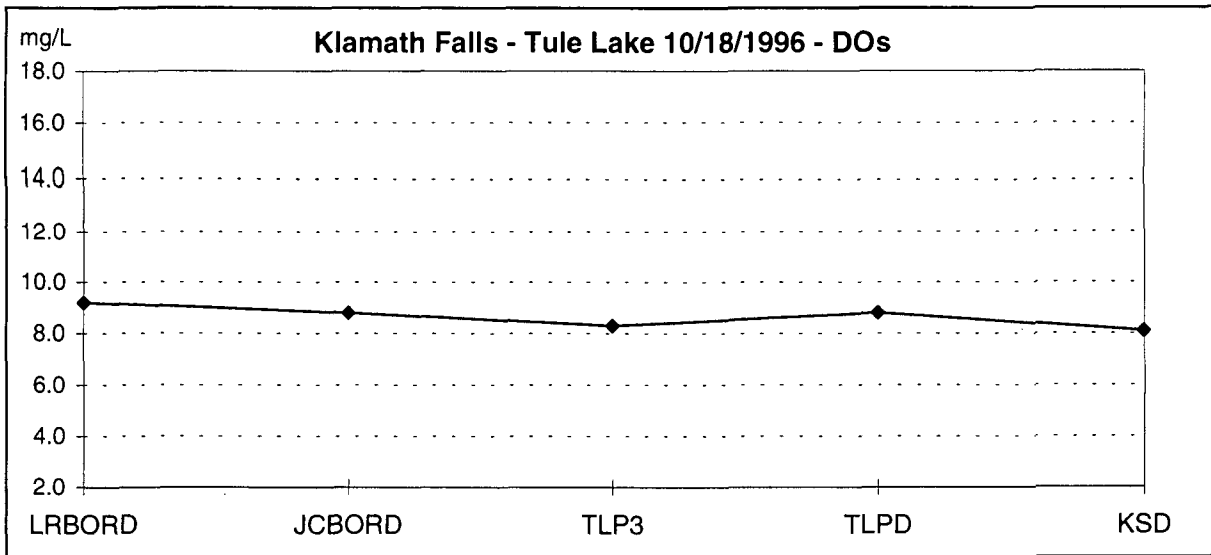
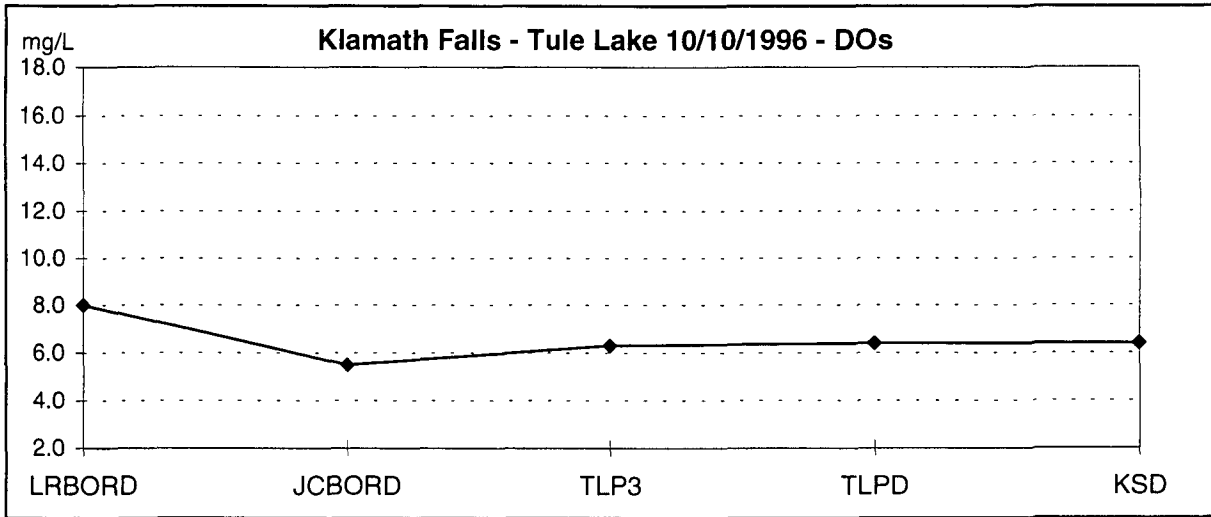
K Falls - Tule Date DOs



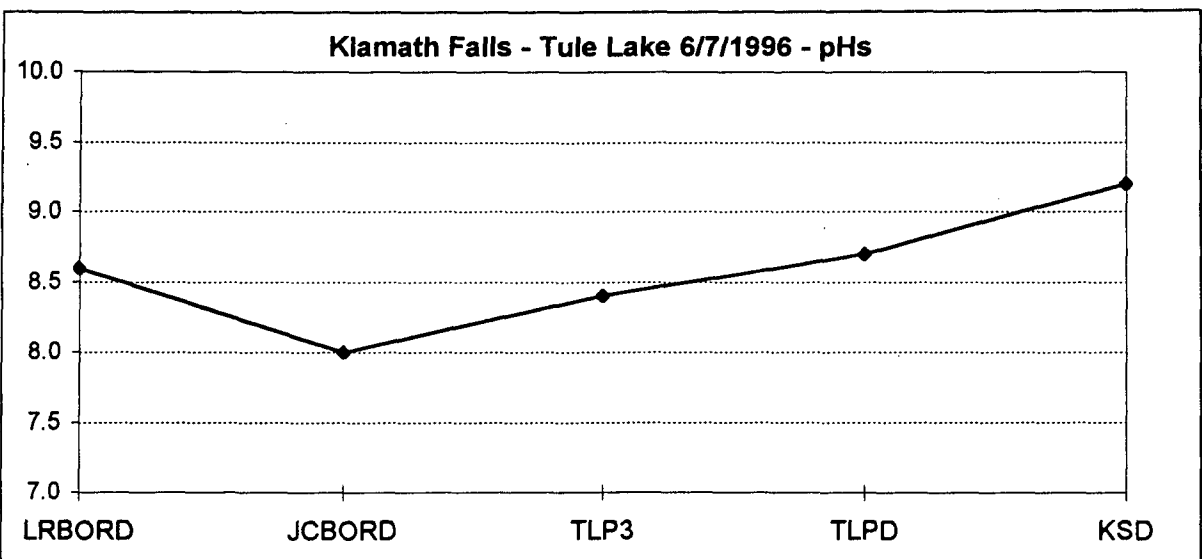
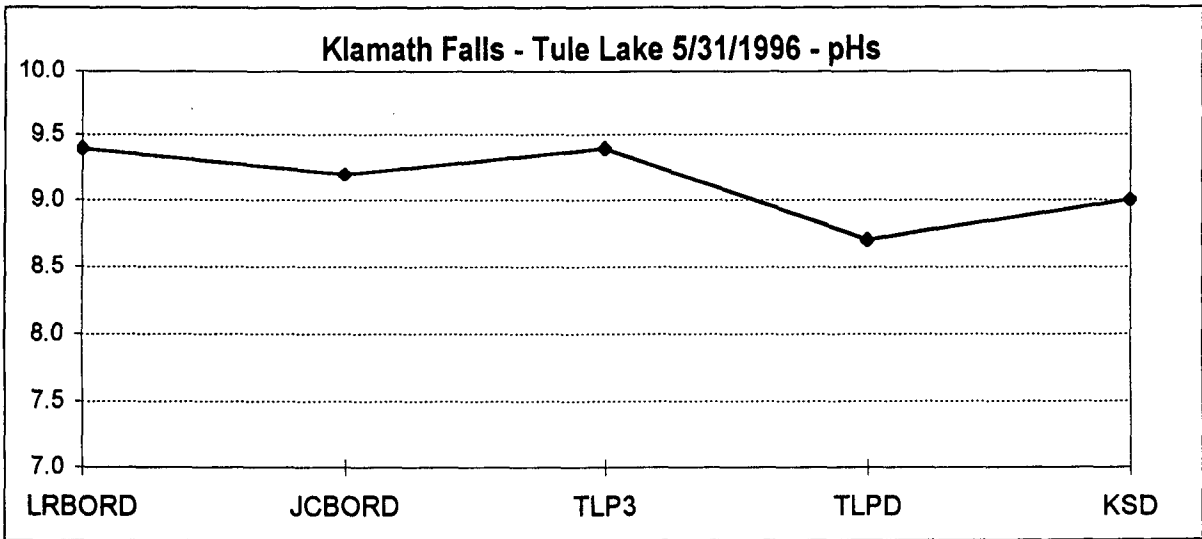
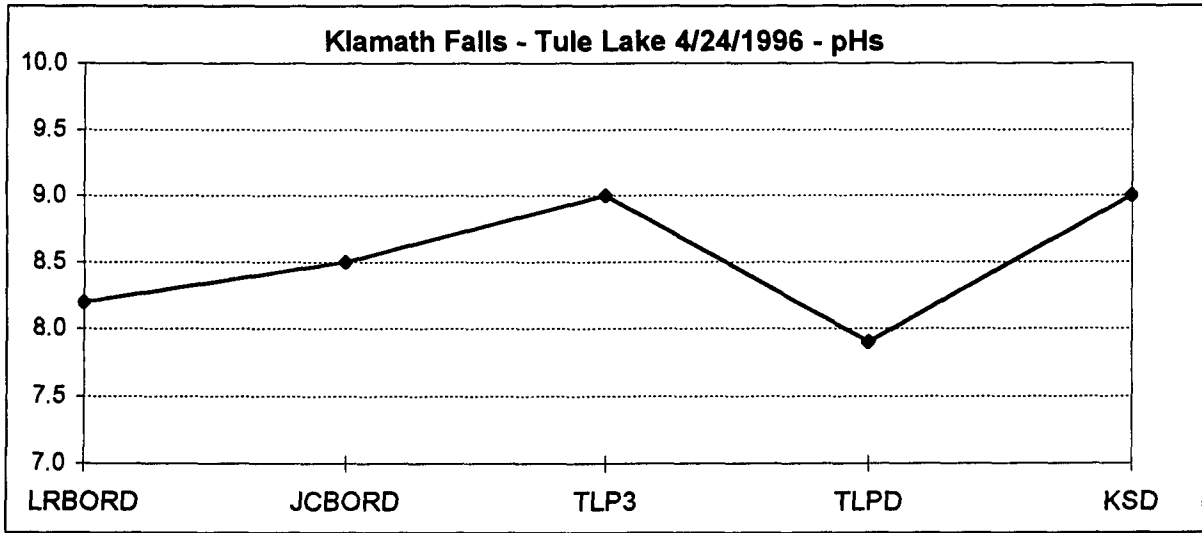
K Falls - Tule Date DOs



K Falls - Tule Date DOs

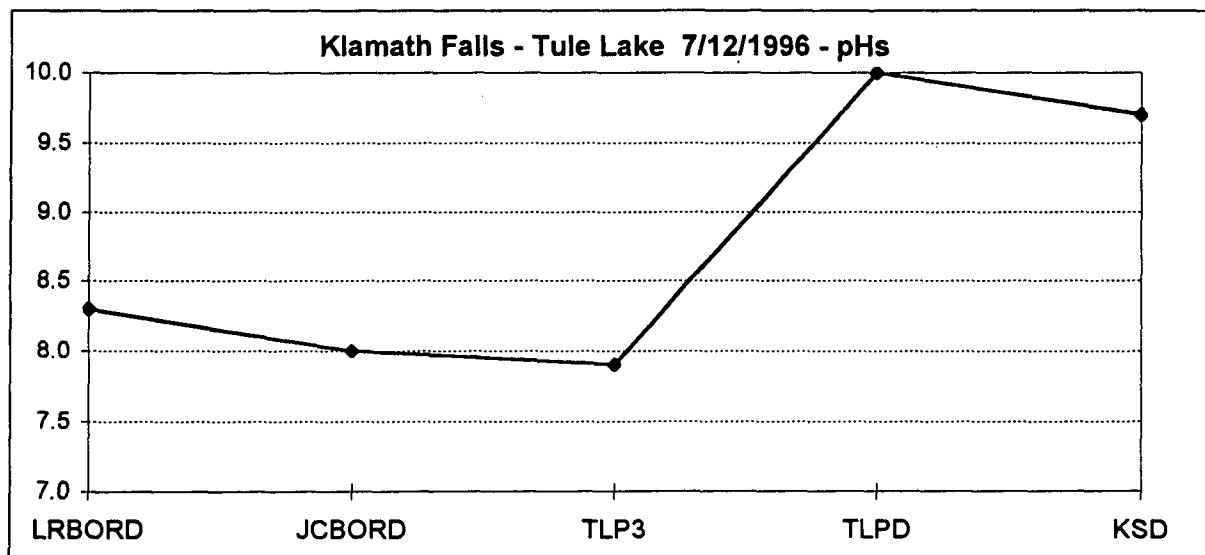
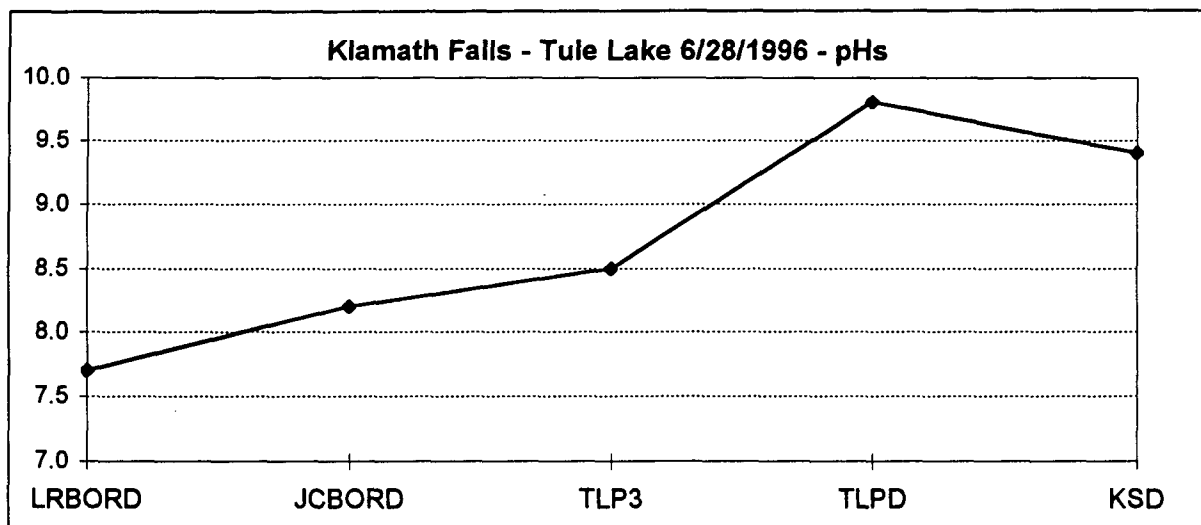
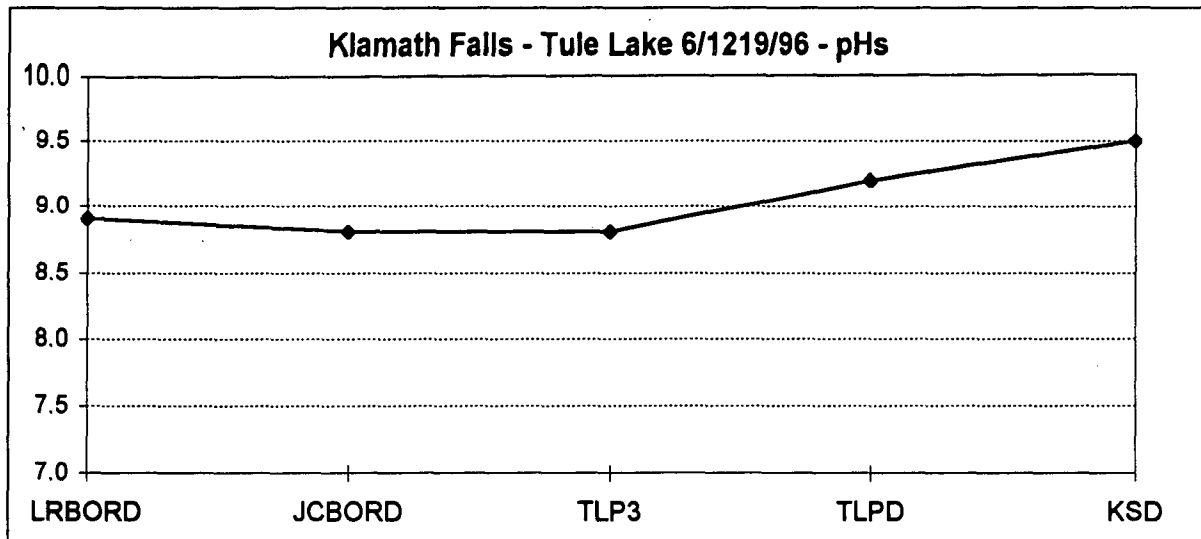


K Falls - Tule Date pHs

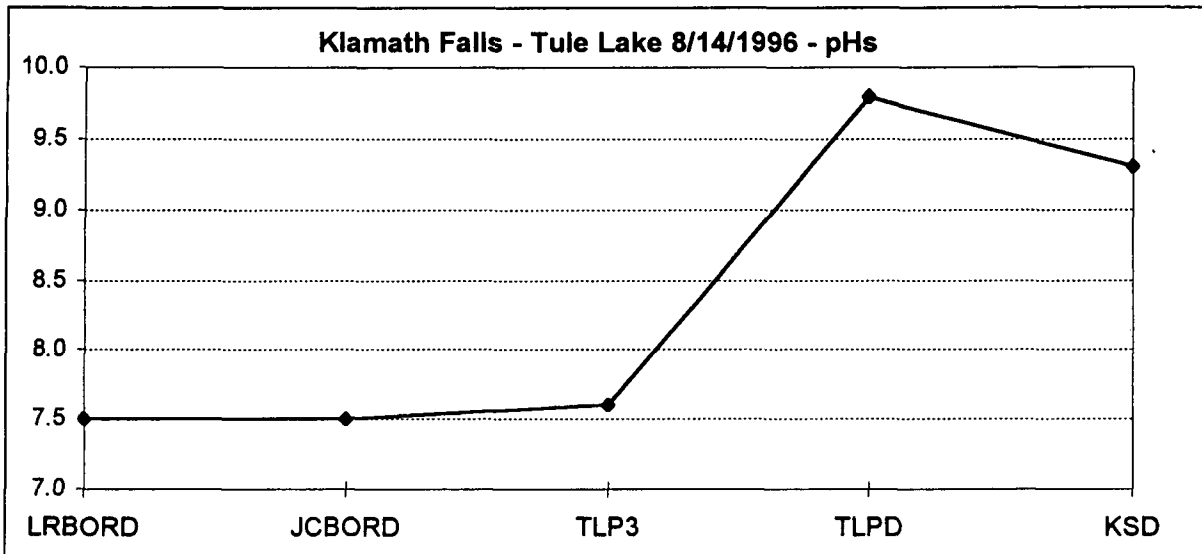
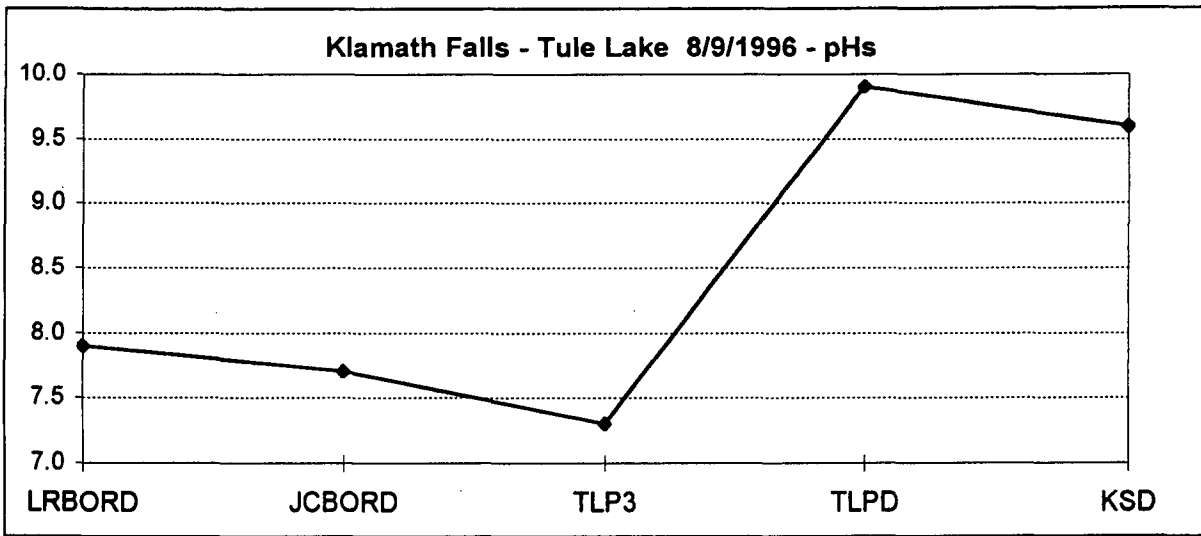
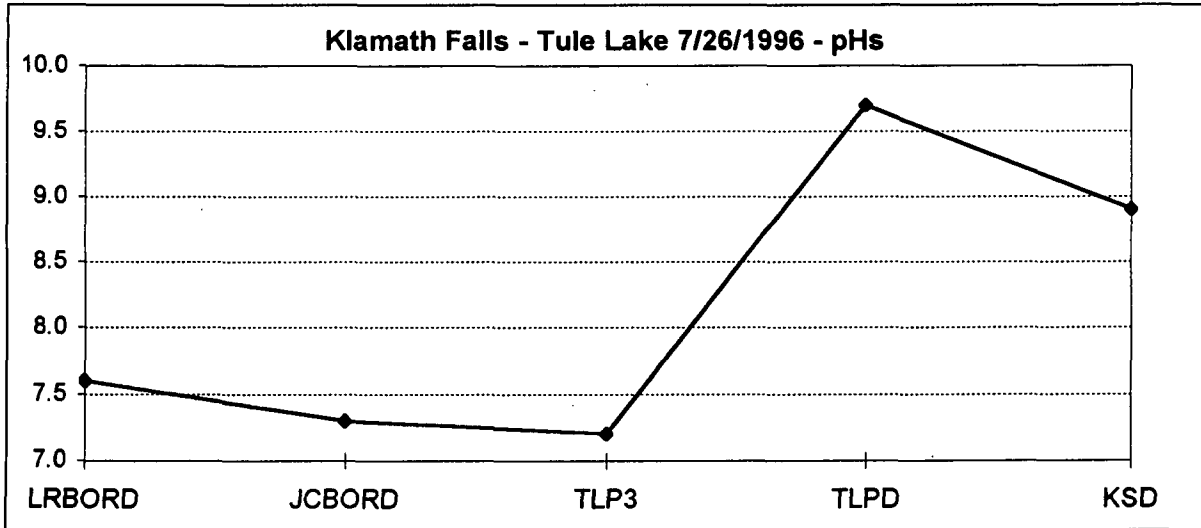


tab 14

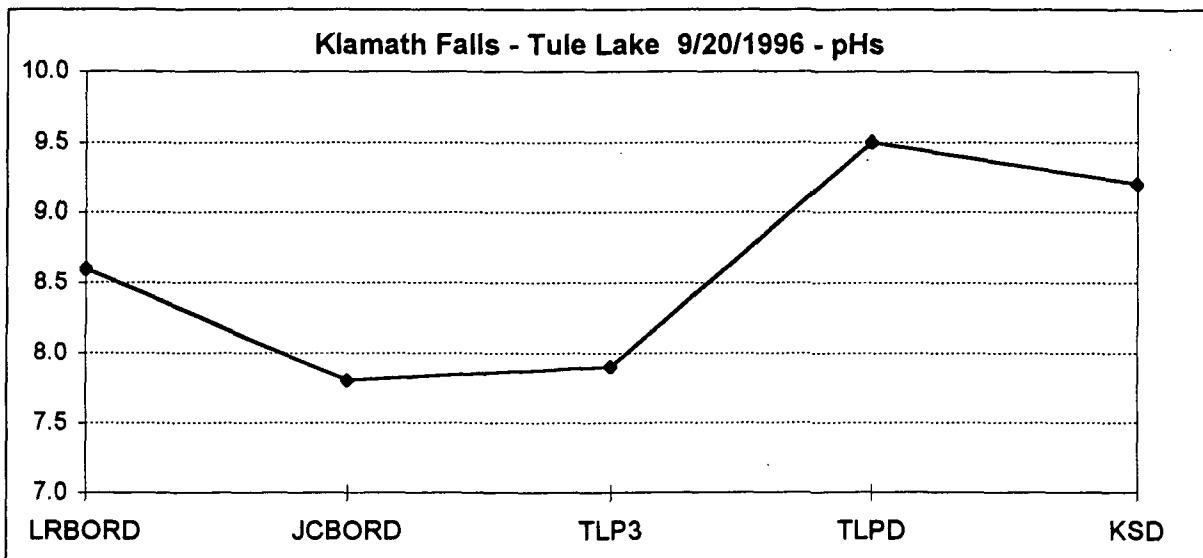
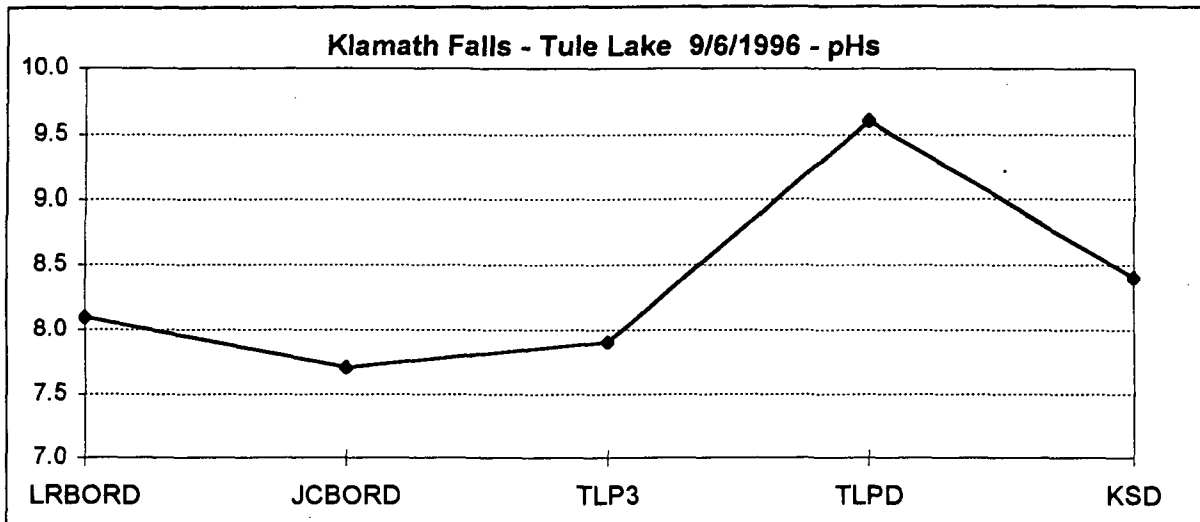
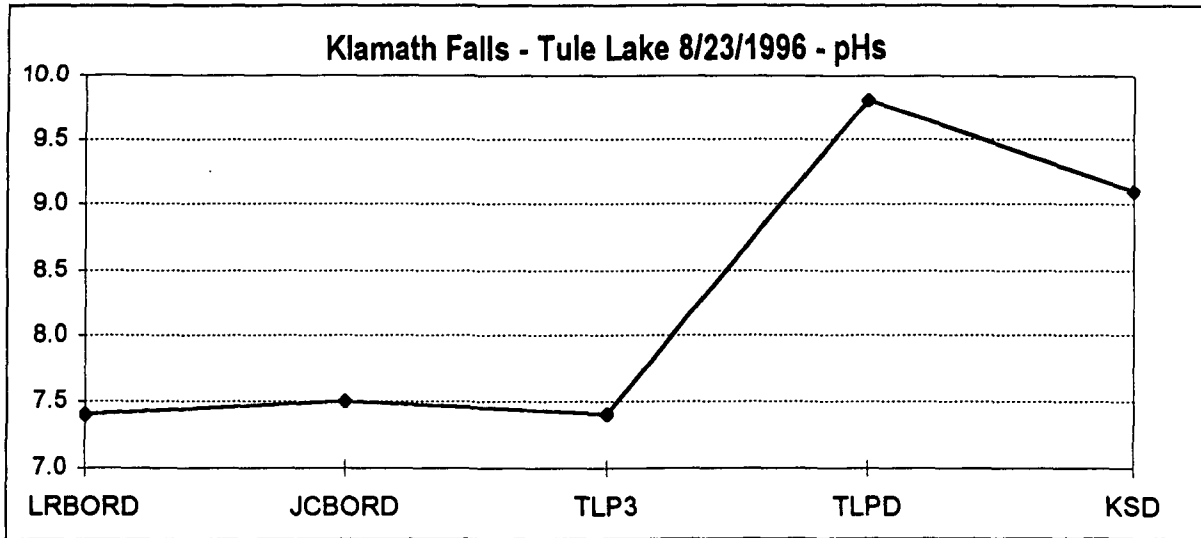
K Falls - Tule Date pHs



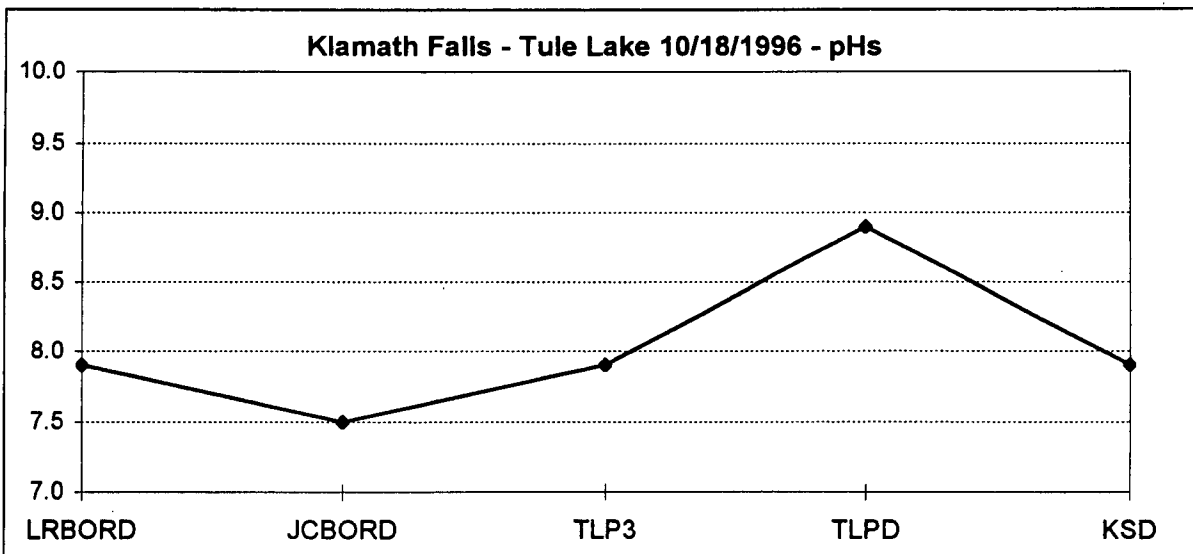
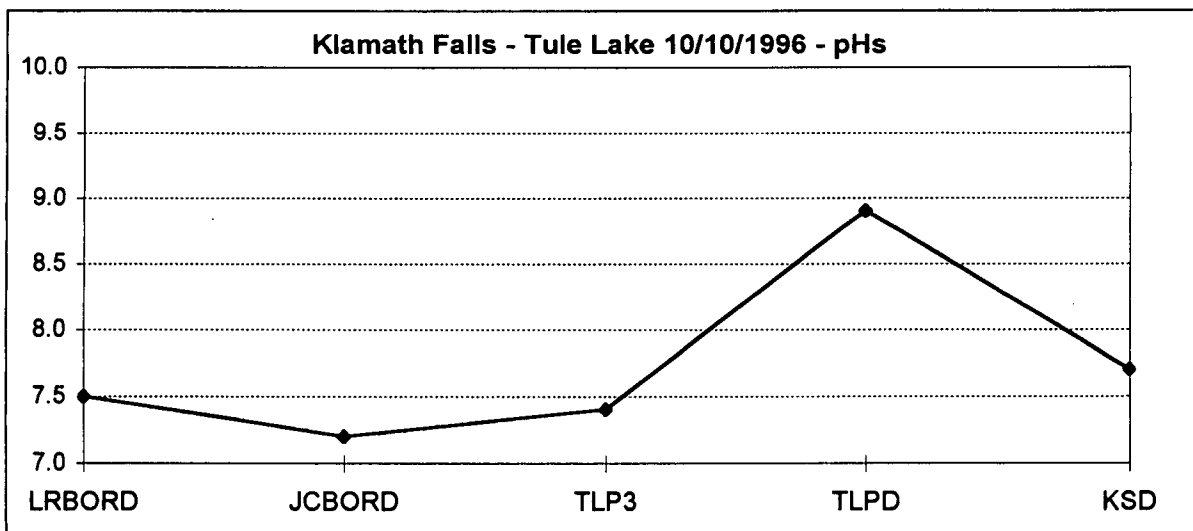
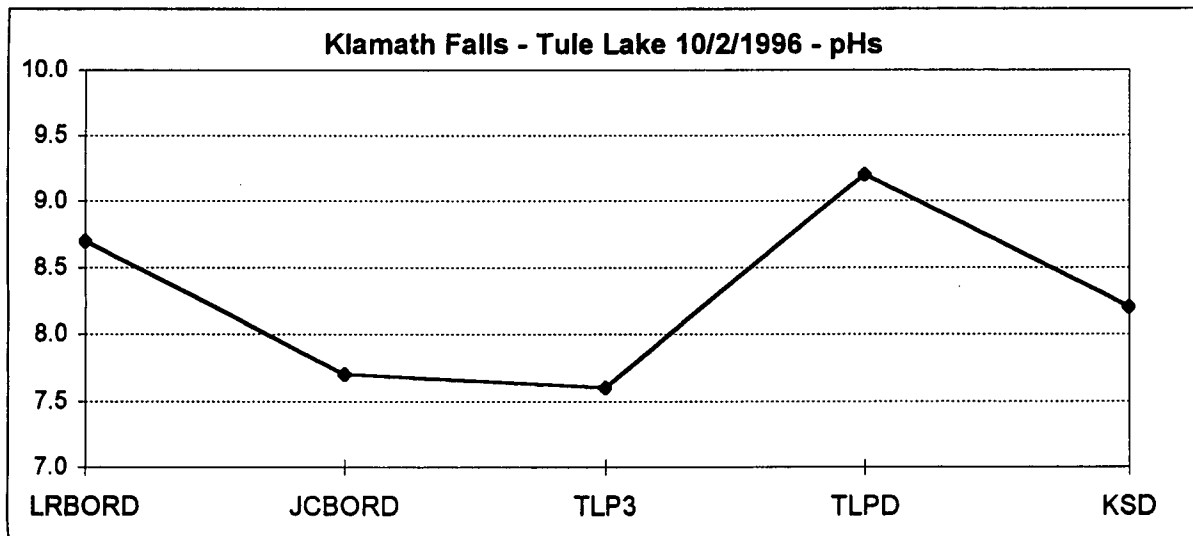
K Falls - Tule Date pHs



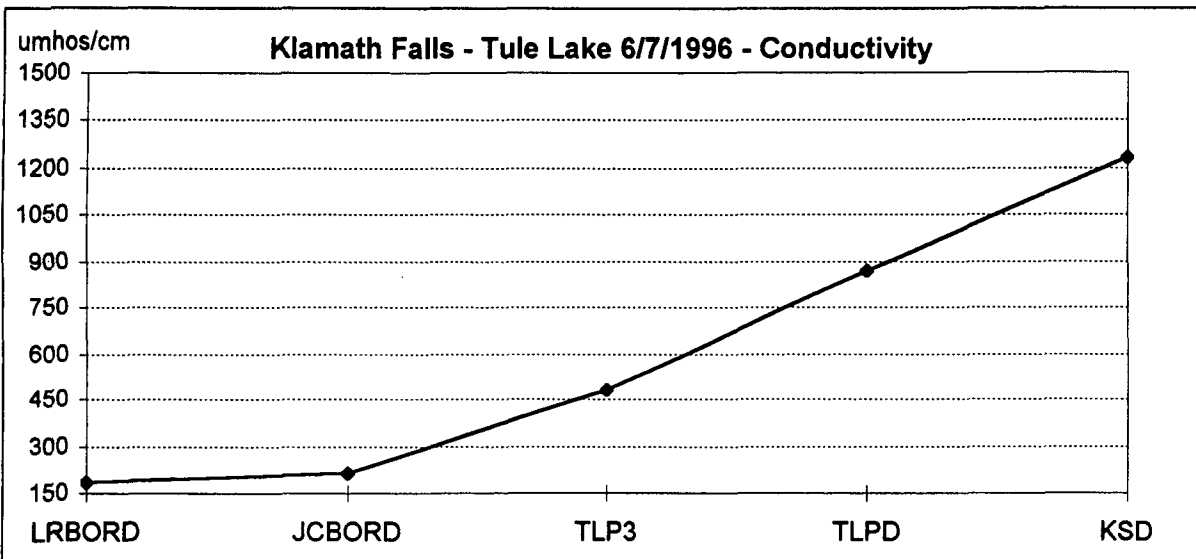
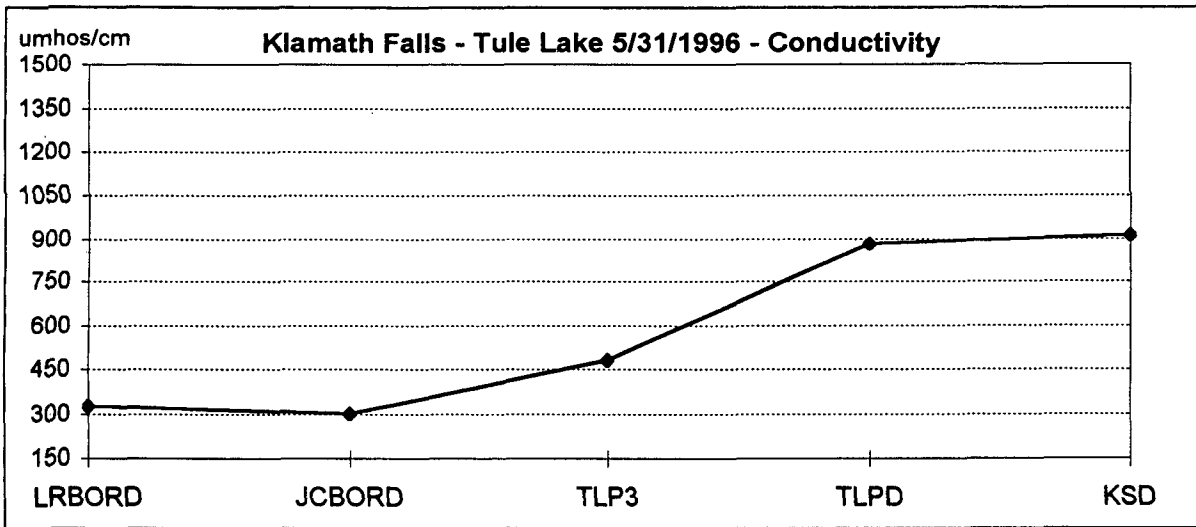
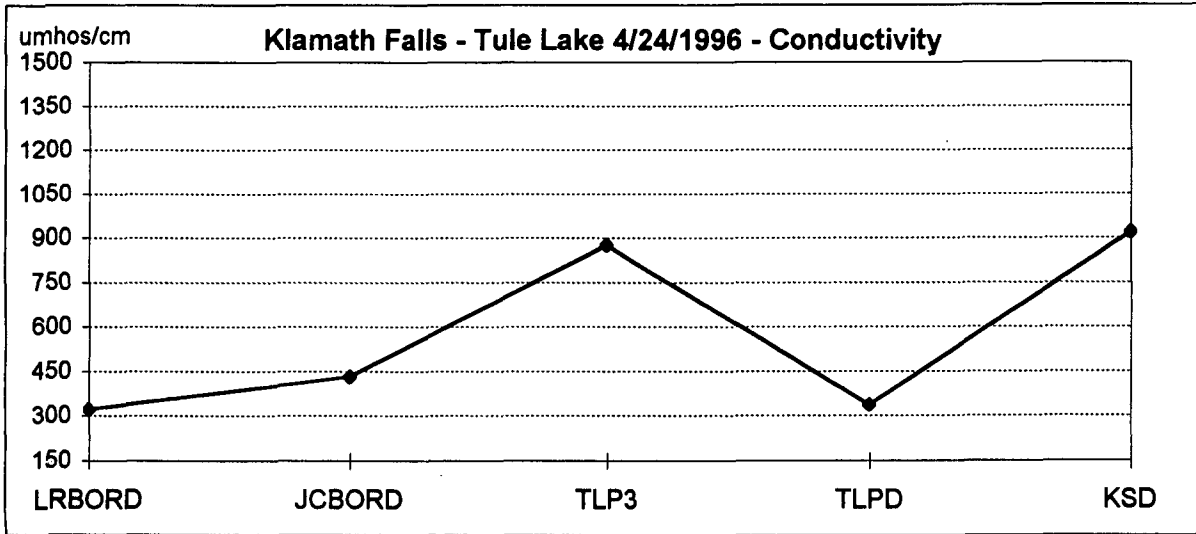
K Falls - Tule Date pHs



K Falls - Tule Date pHs

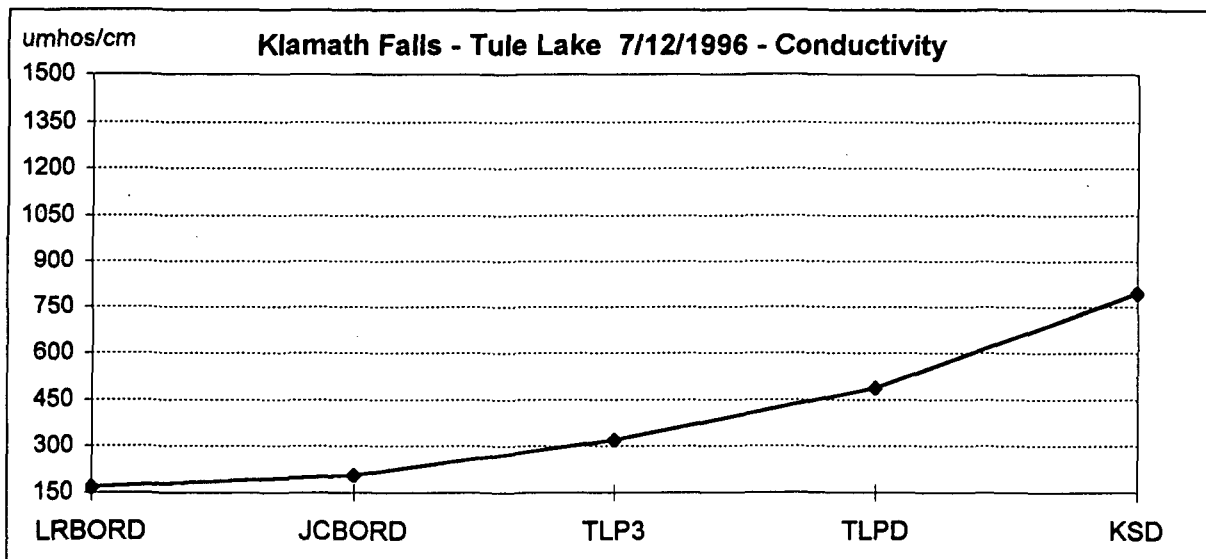
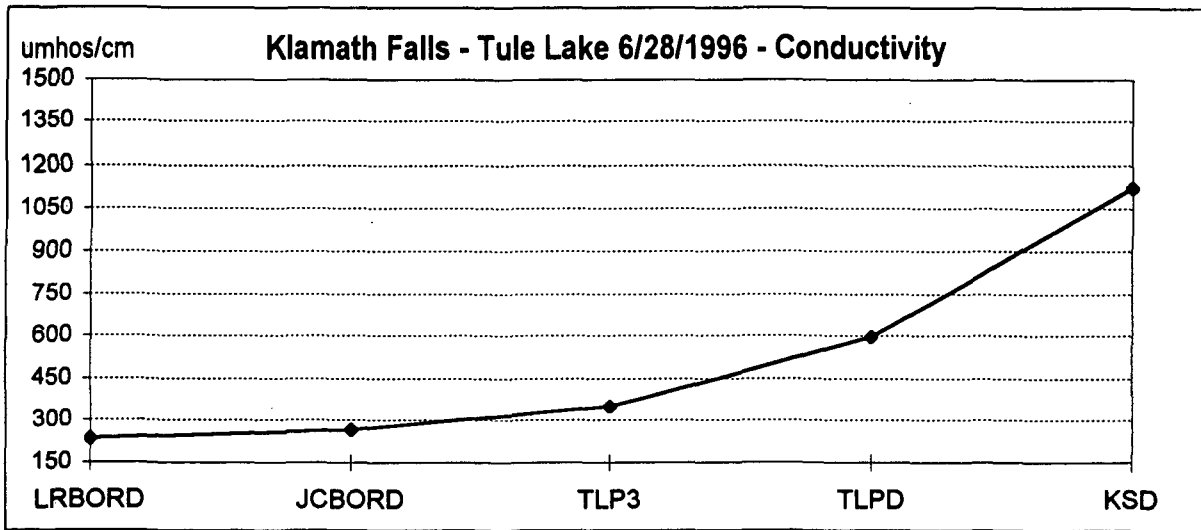
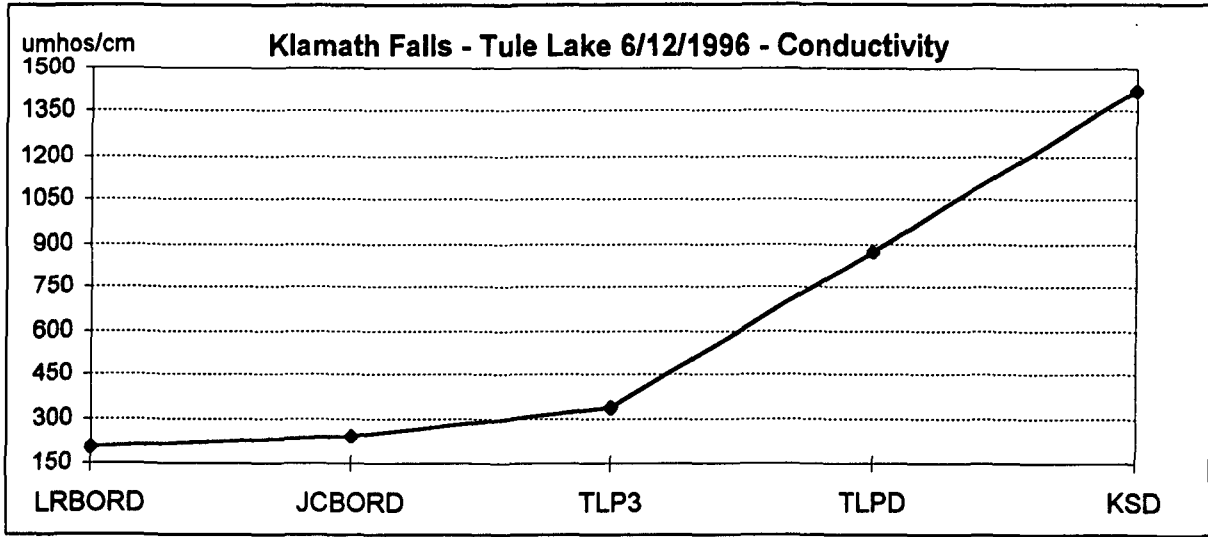


K Falls - Tule Date Cond

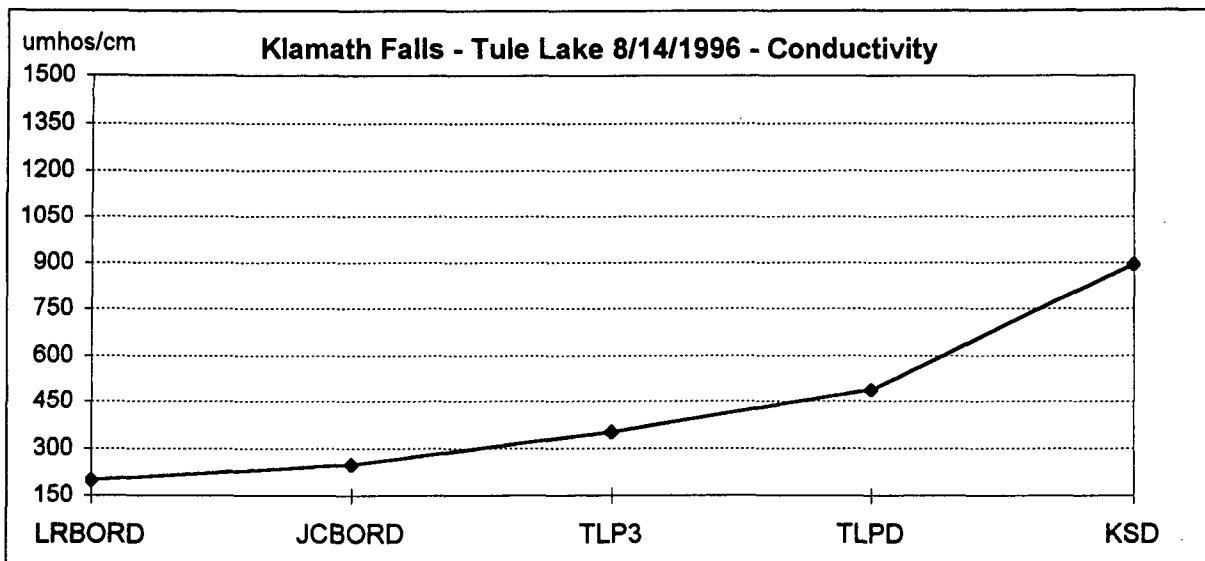
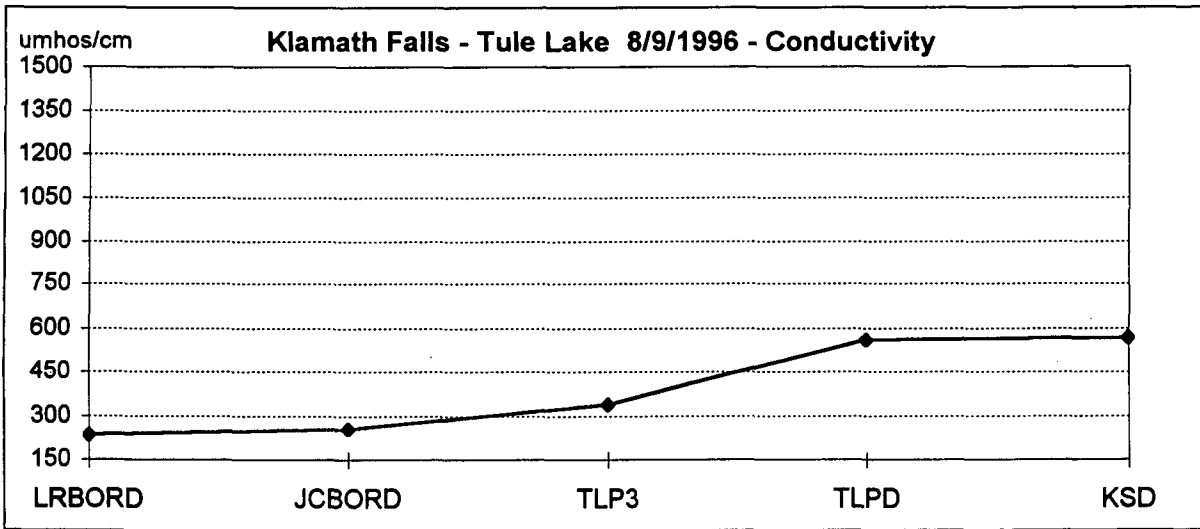
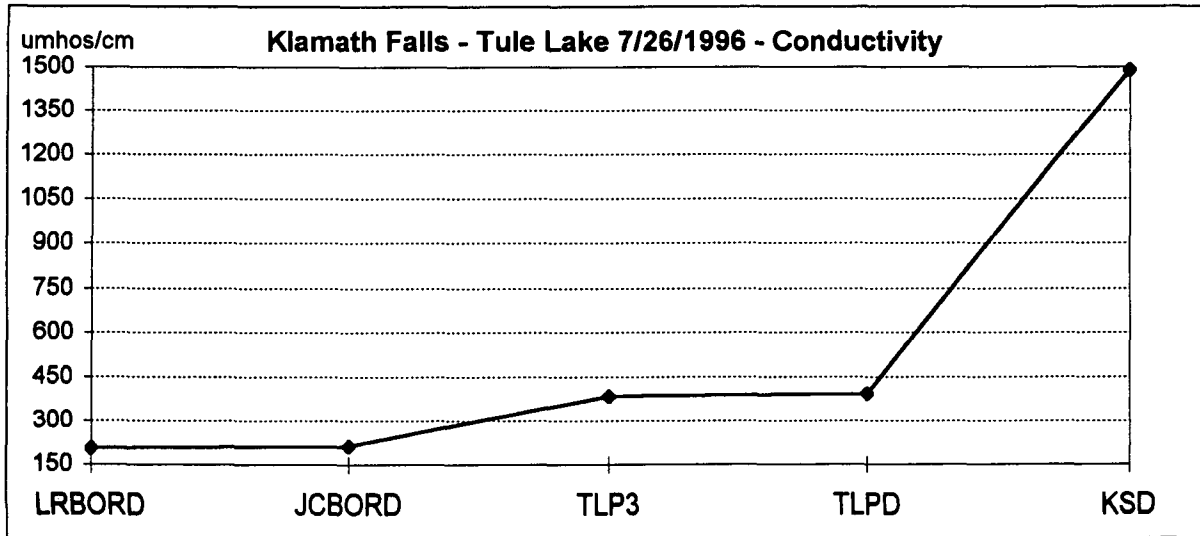


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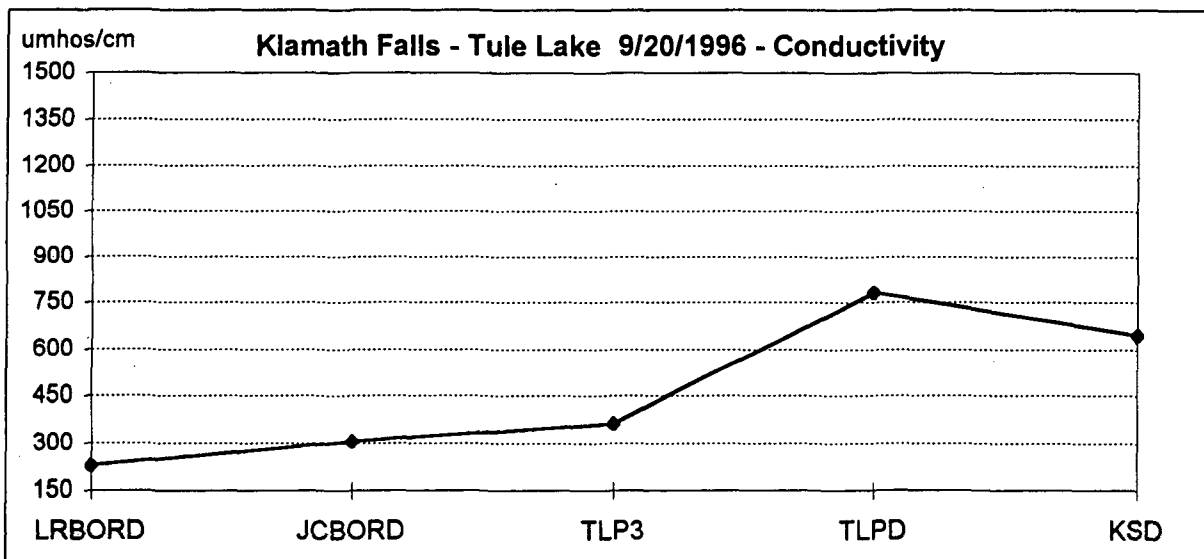
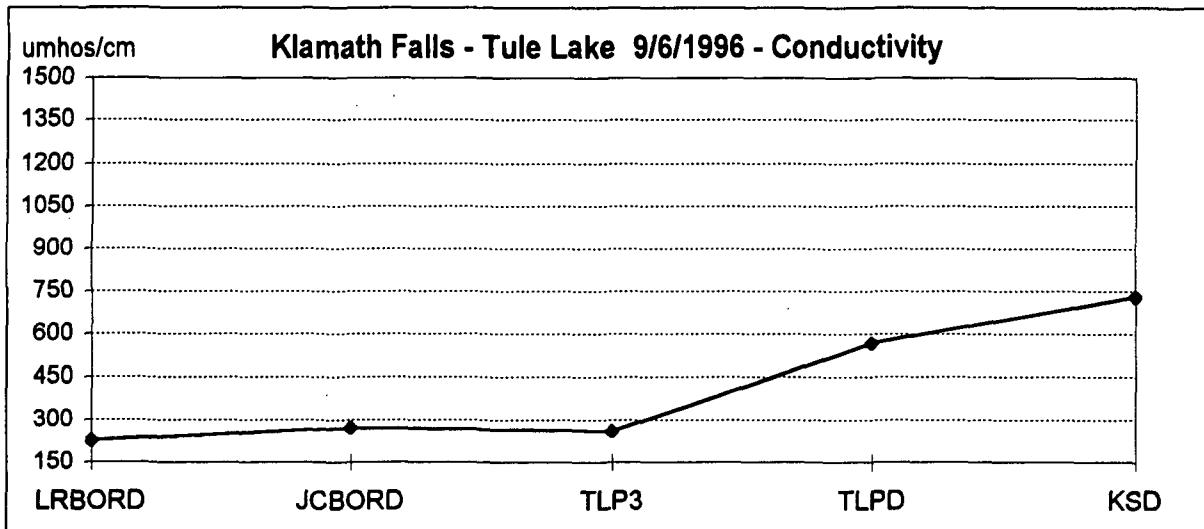
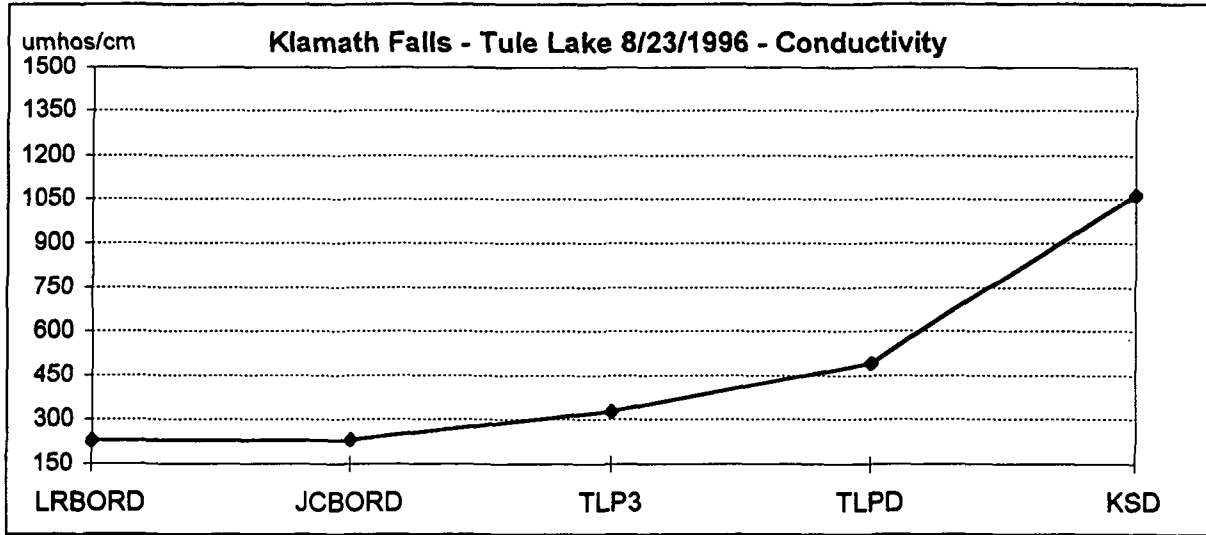
K Falls - Tule Date Cond



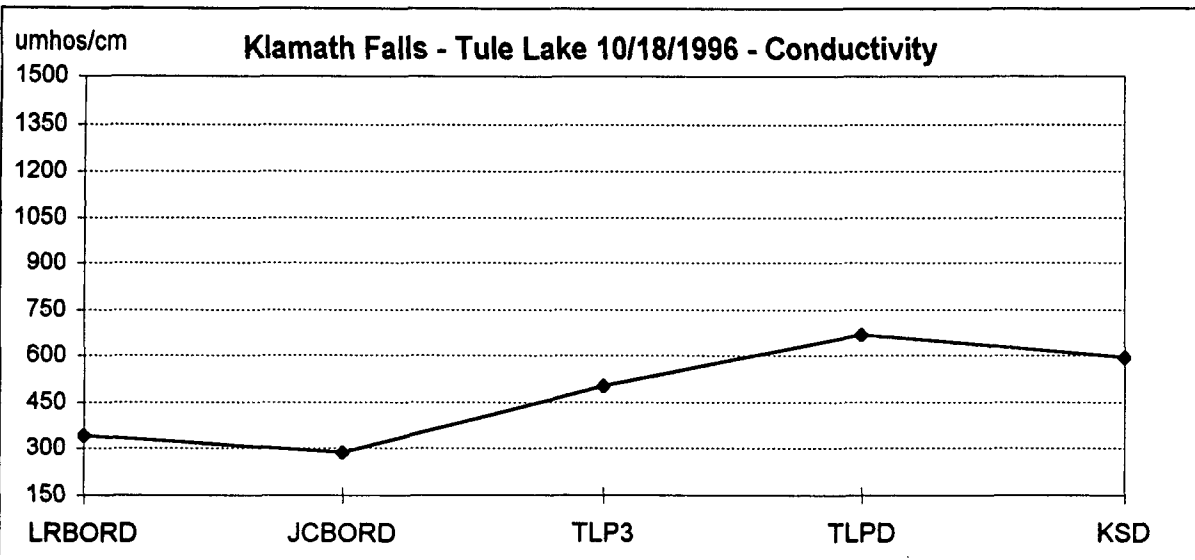
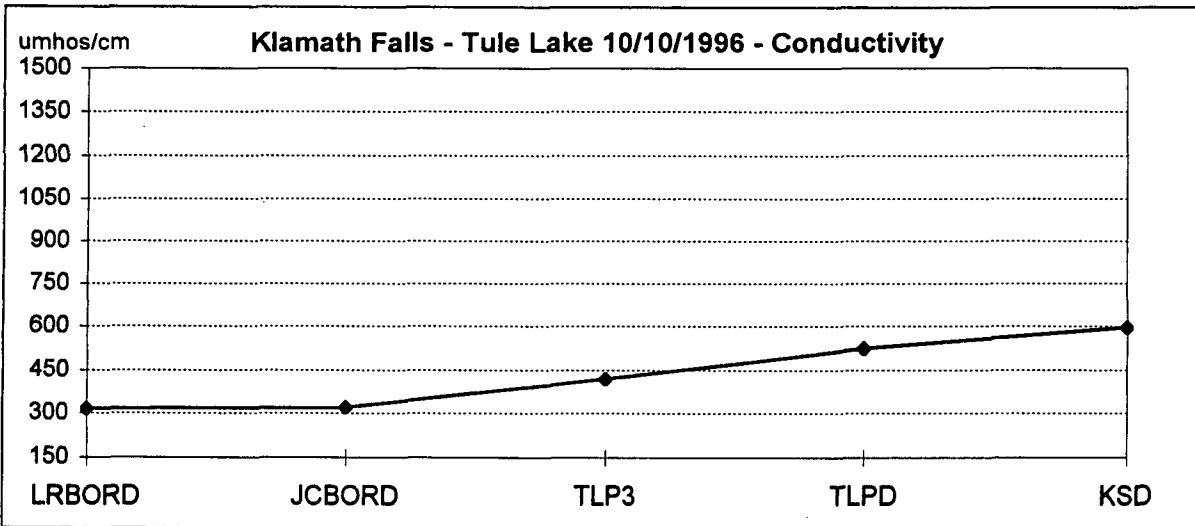
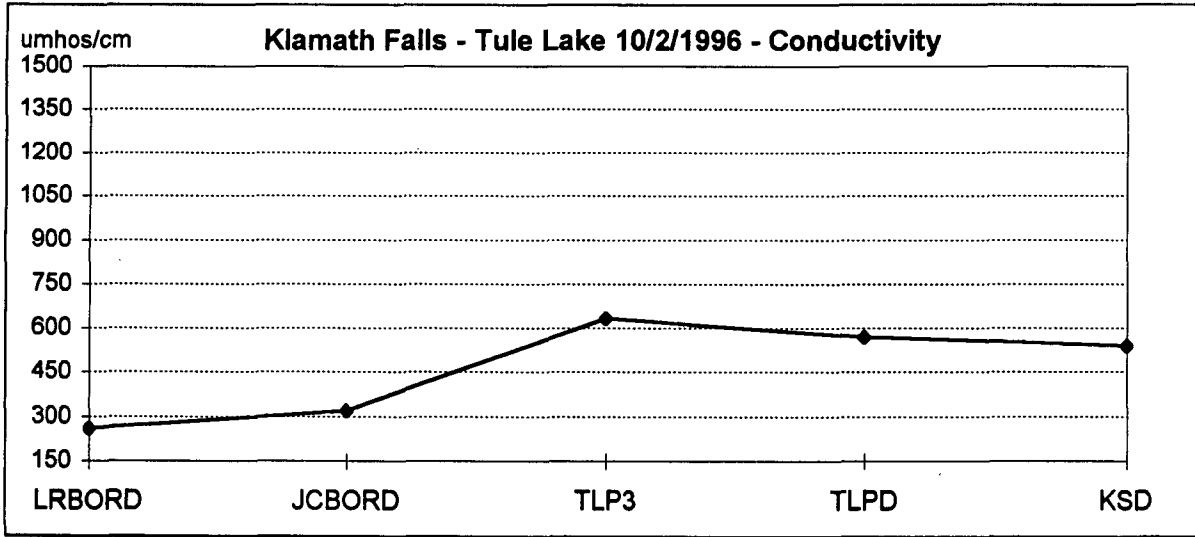
K Falls - Tule Date Cond



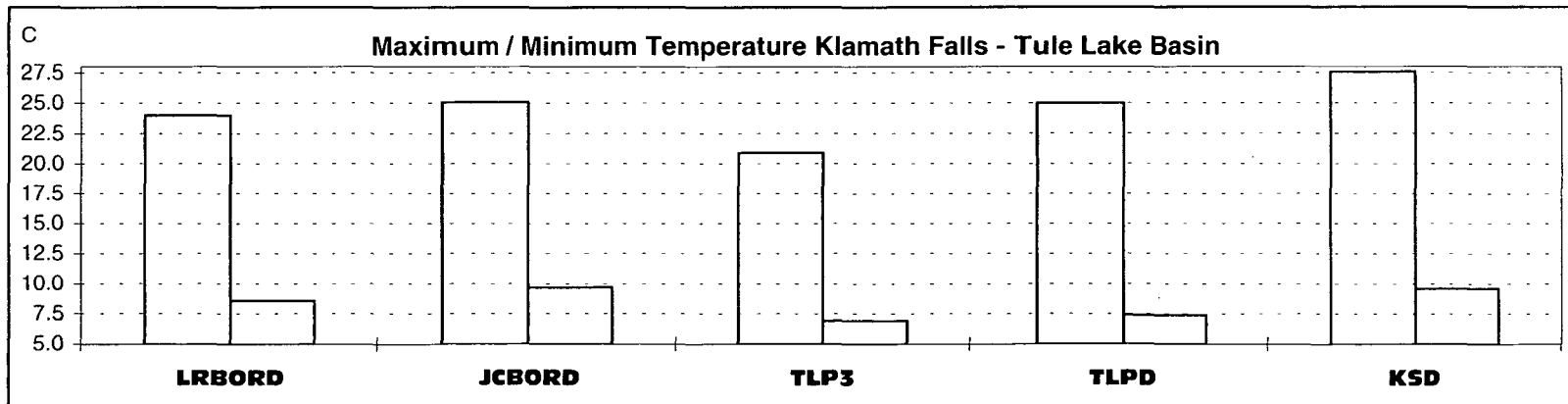
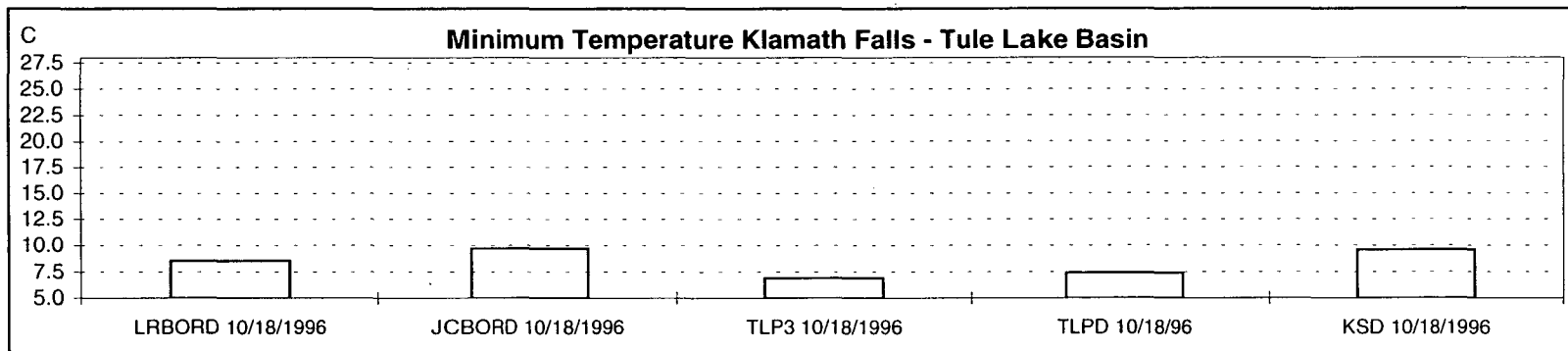
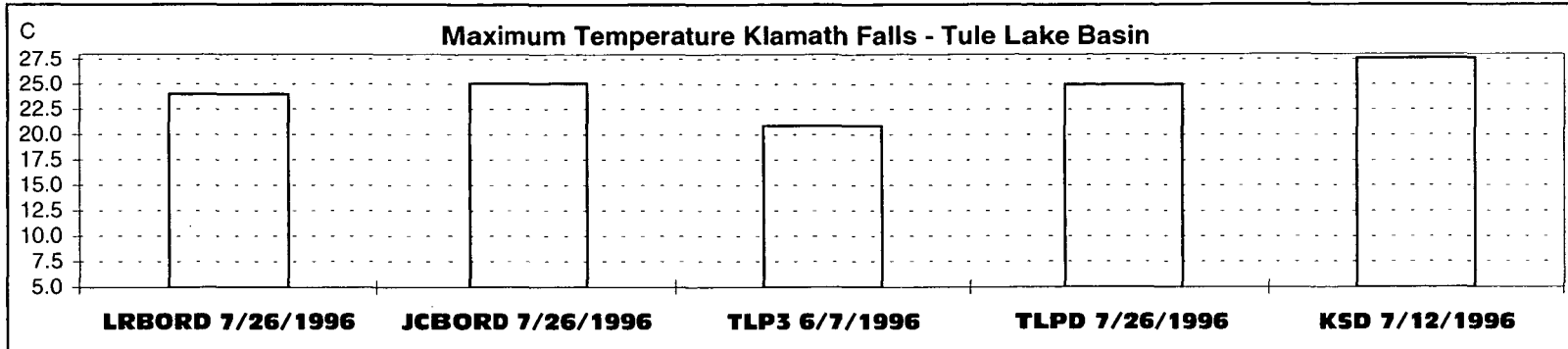
K Falls - Tule Date Cond



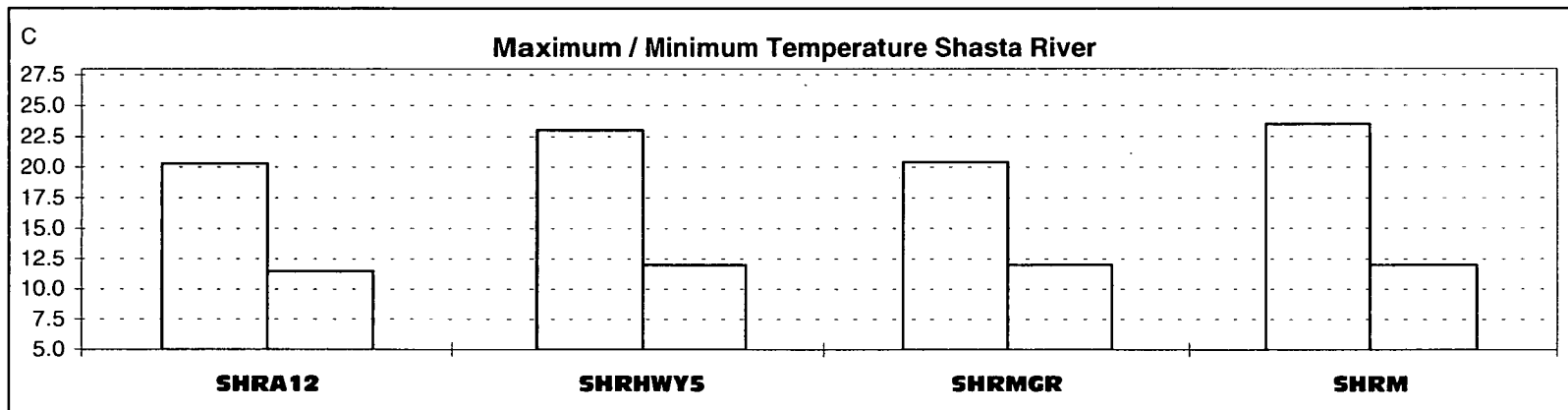
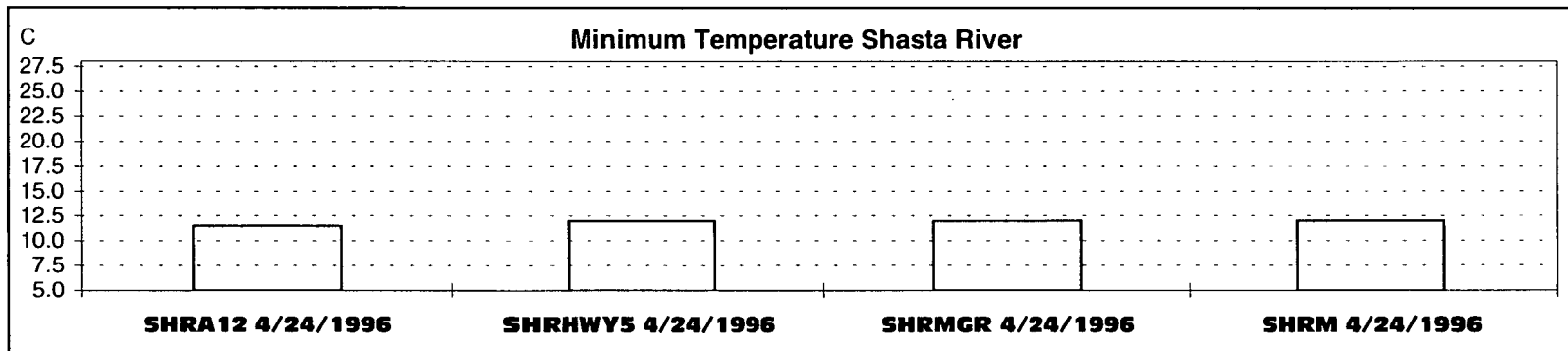
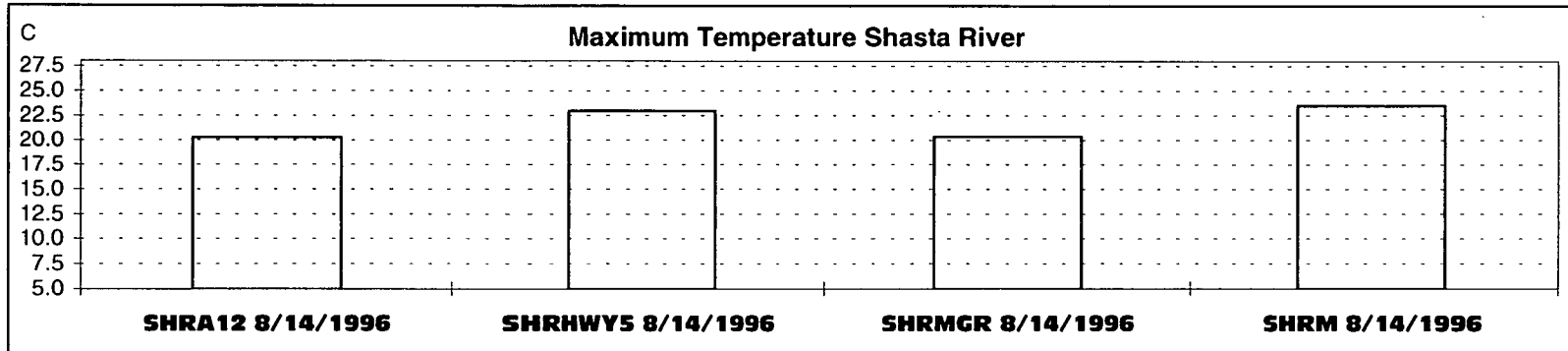
K Falls - Tule Date Cond



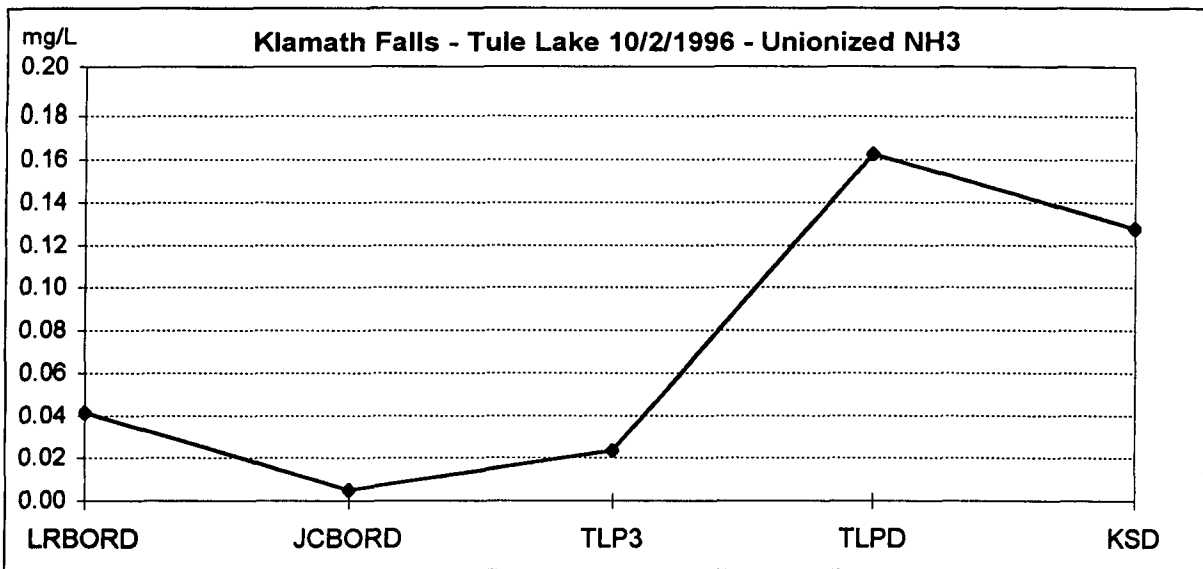
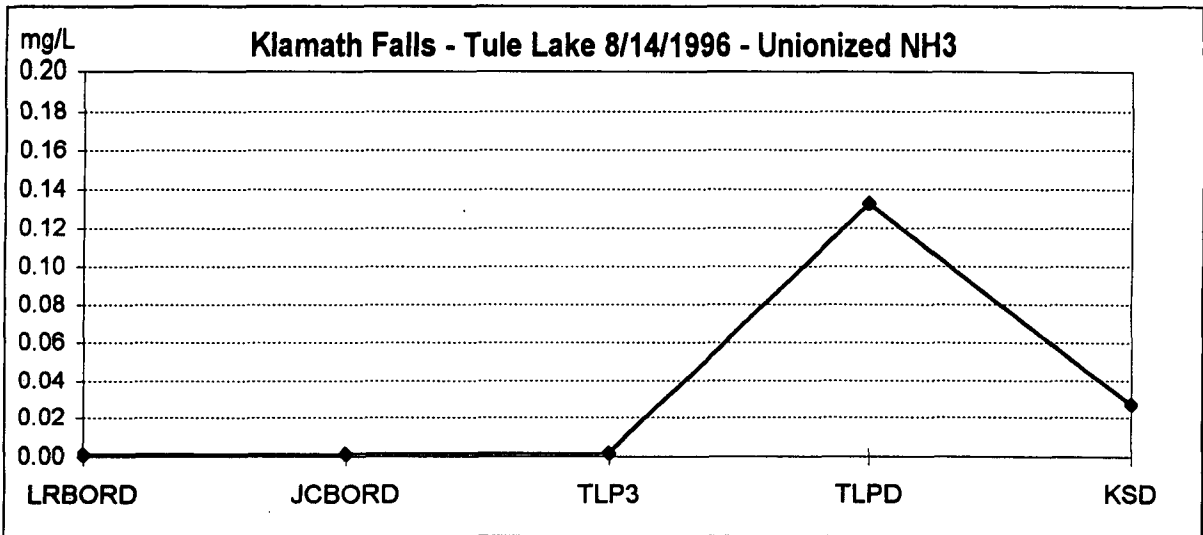
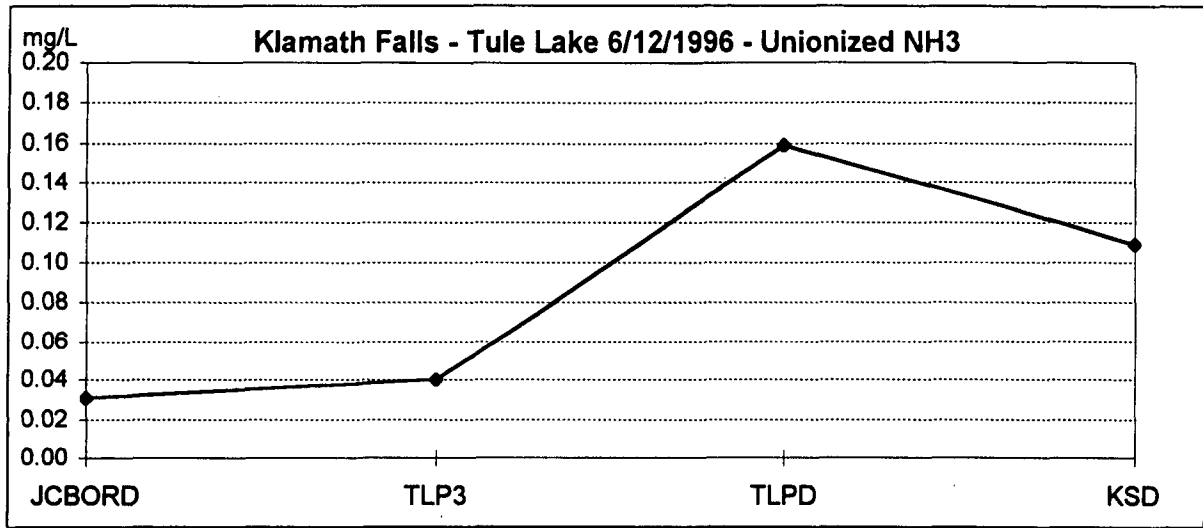
Max-Min Temp



Max-Min Temp



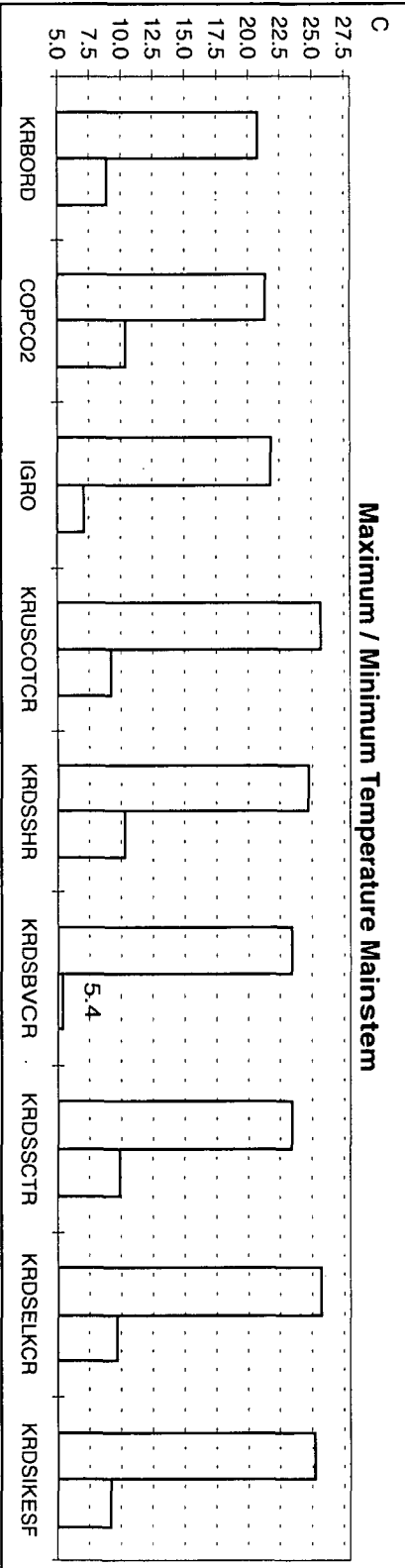
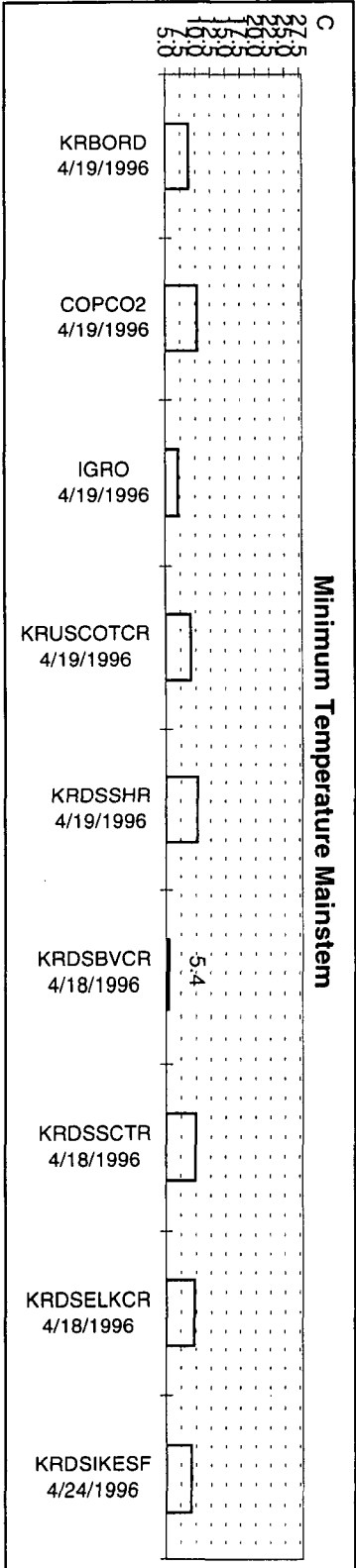
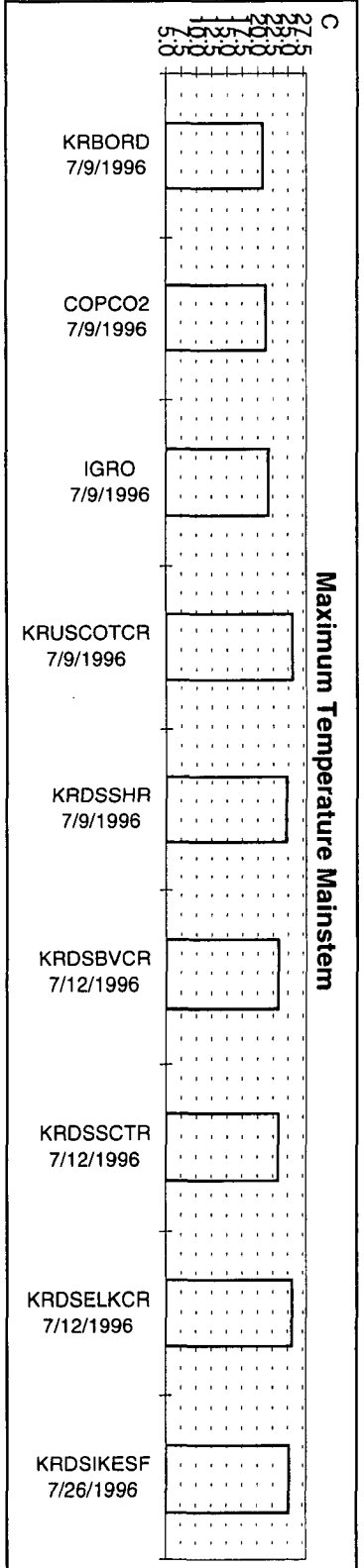
K Falls - Tule Date Unionized



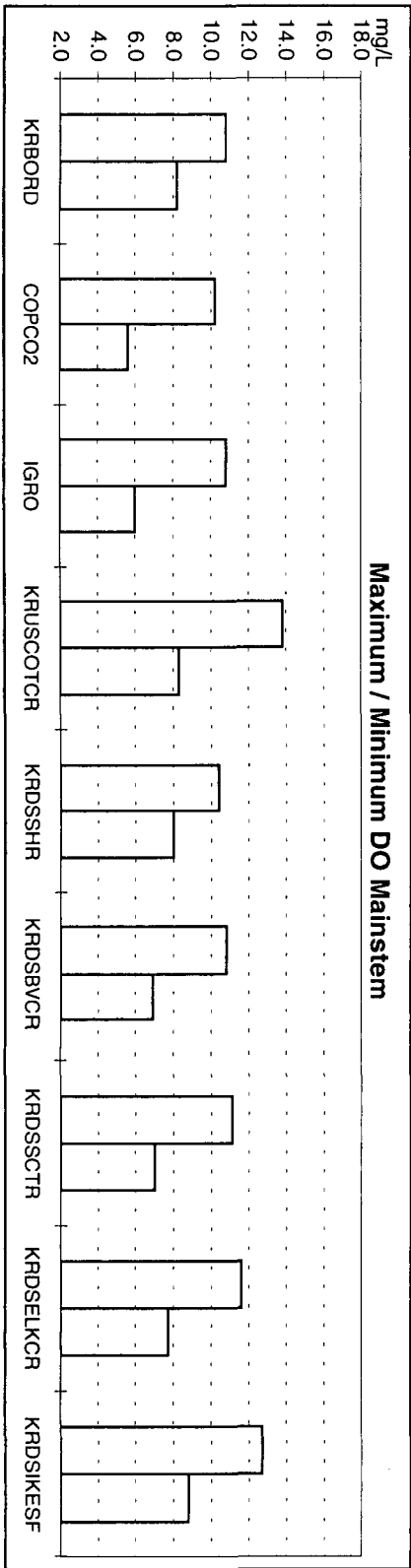
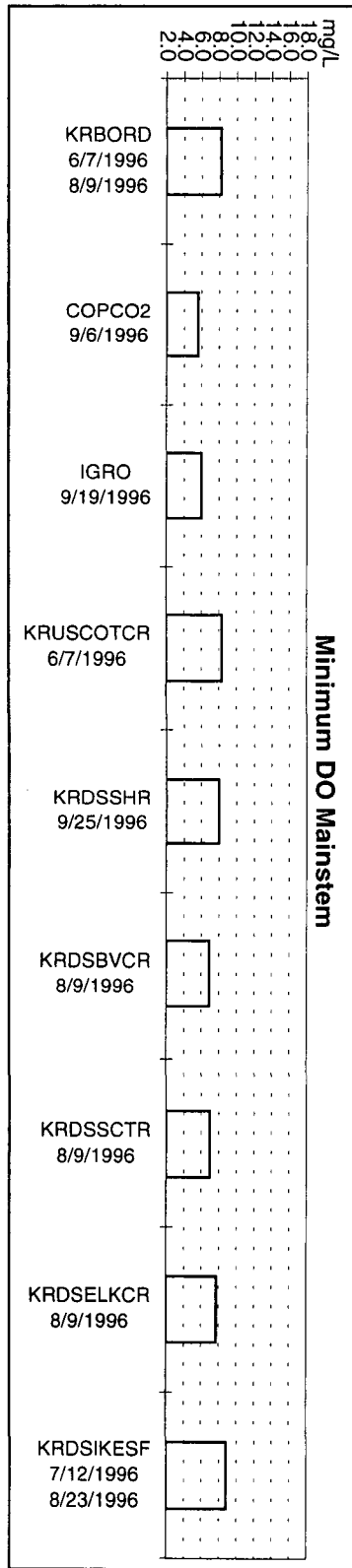
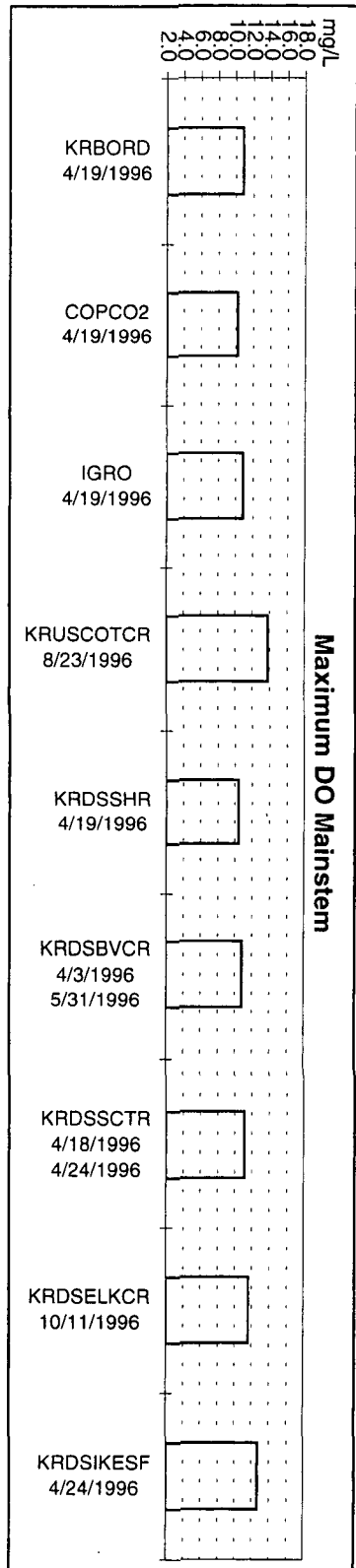
tab-16

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Max-Min Temp

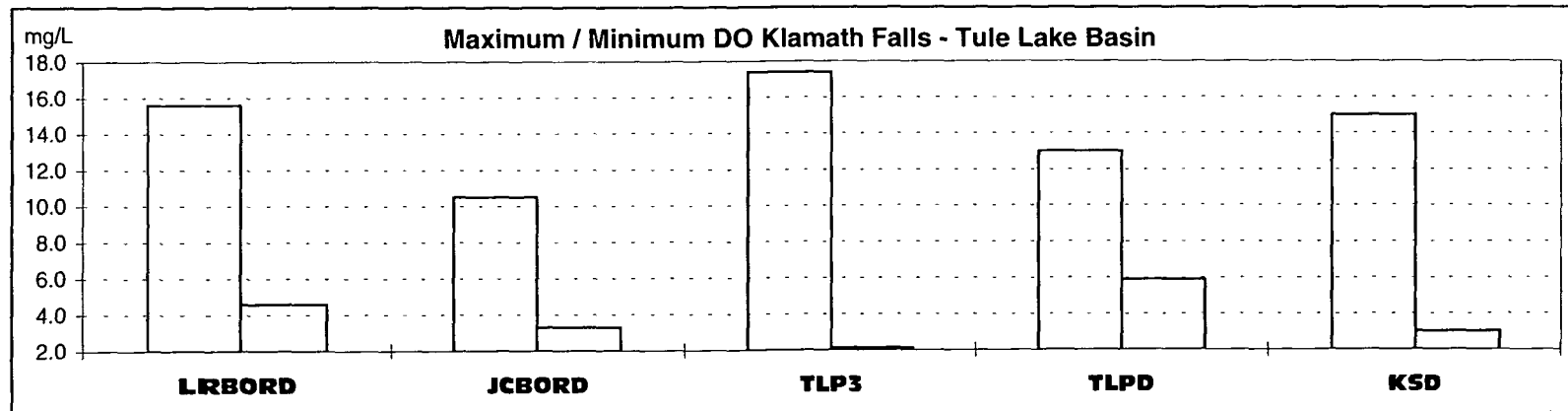
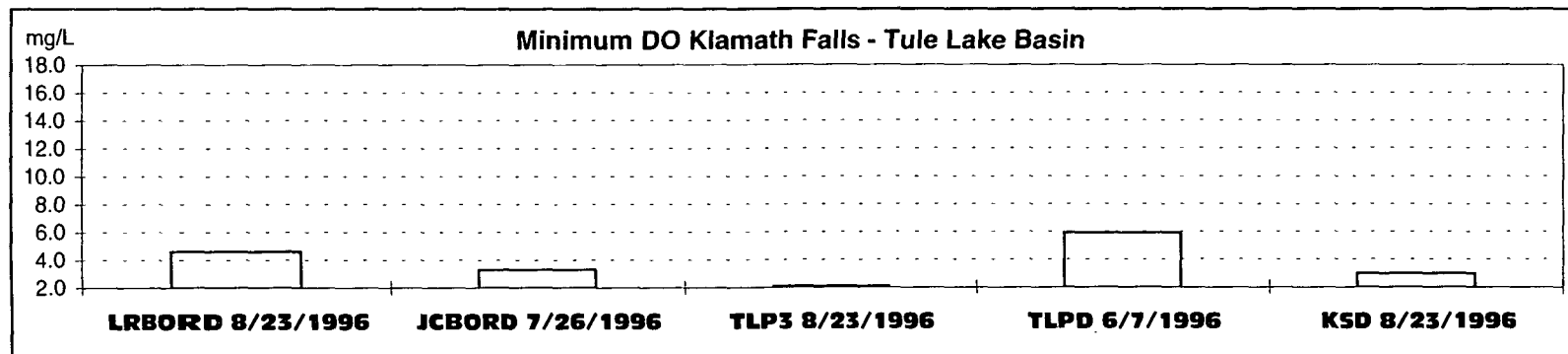
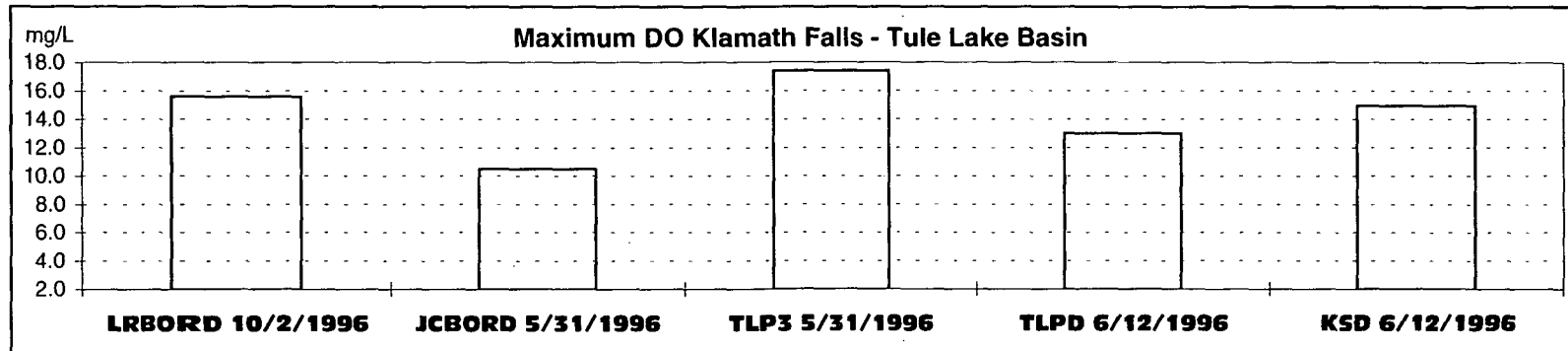


Max-Min DO

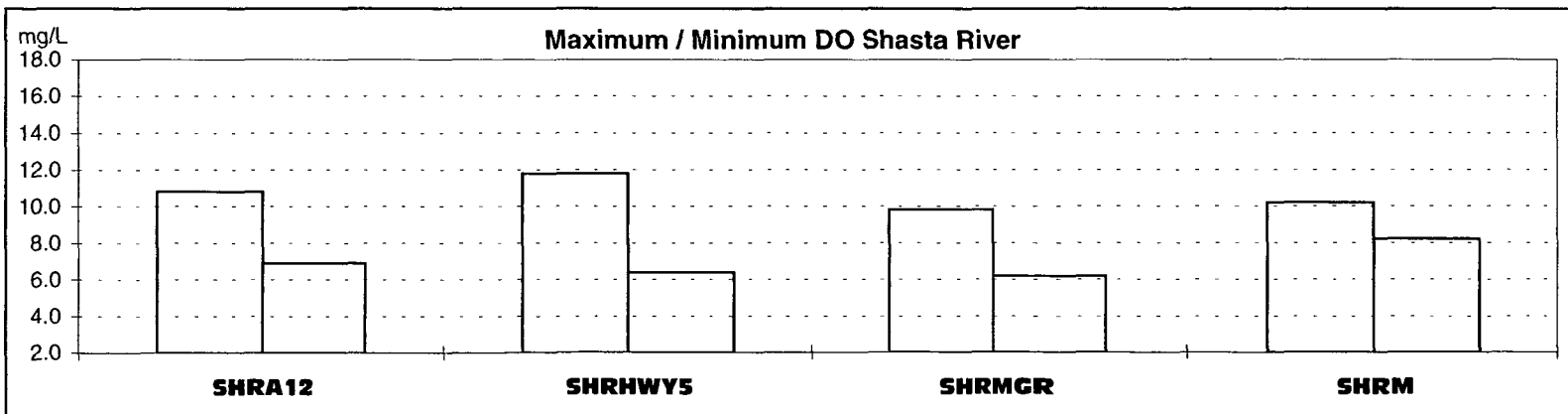
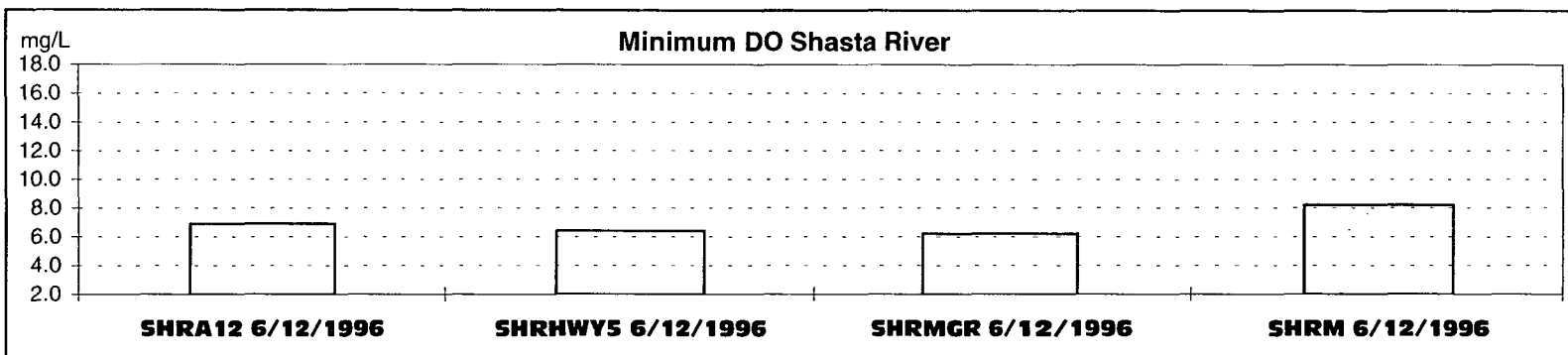
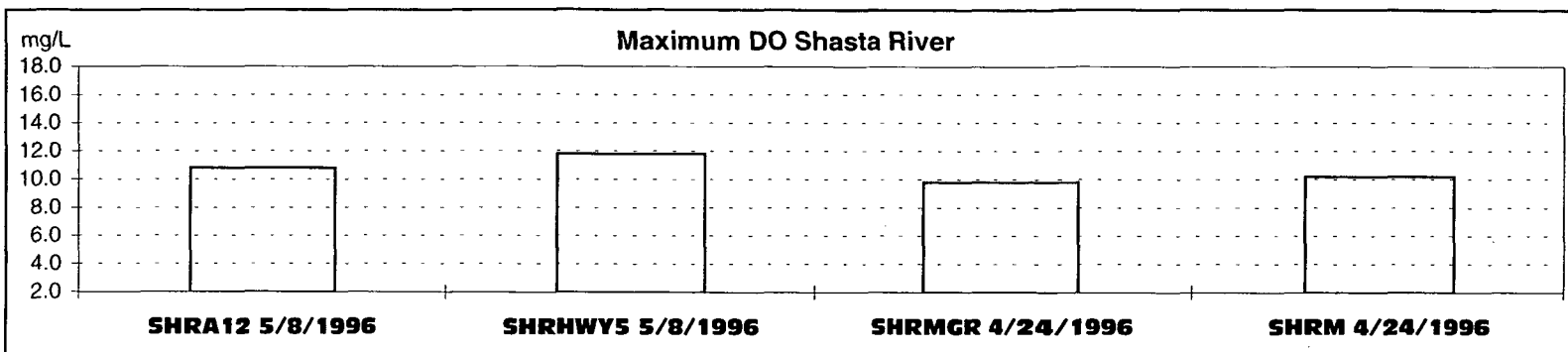


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Max-Min DO

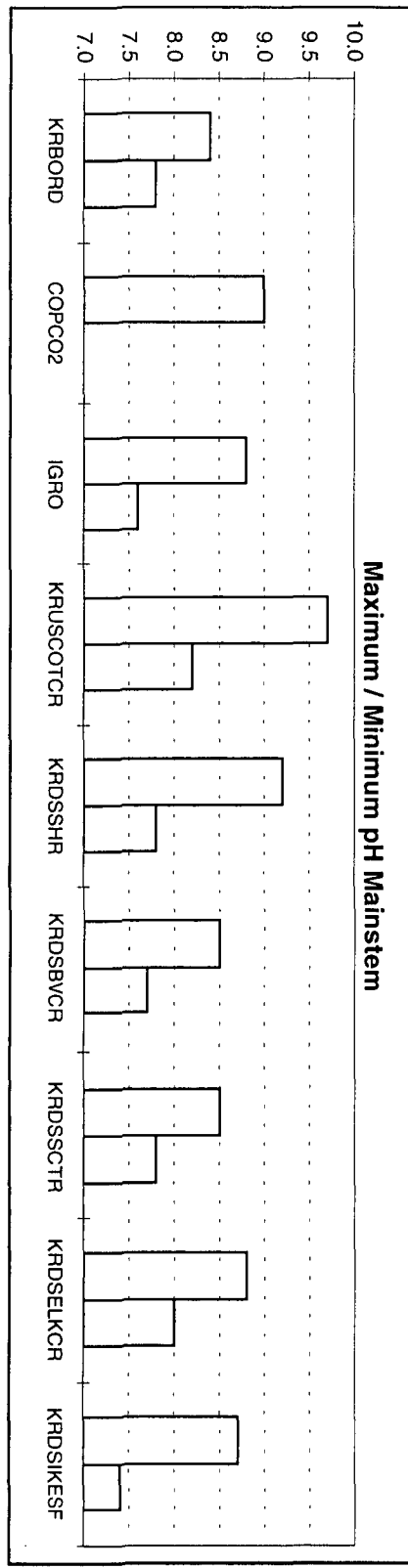
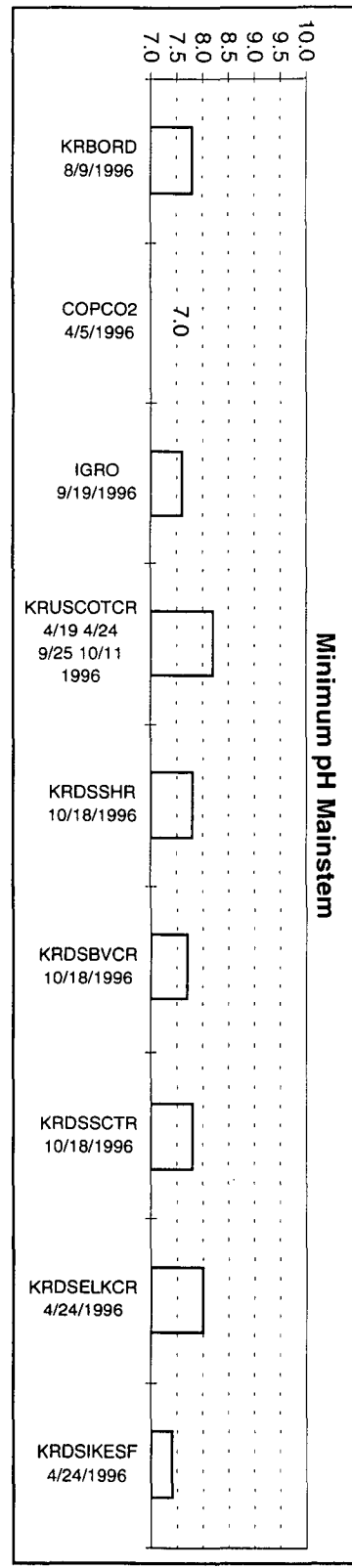
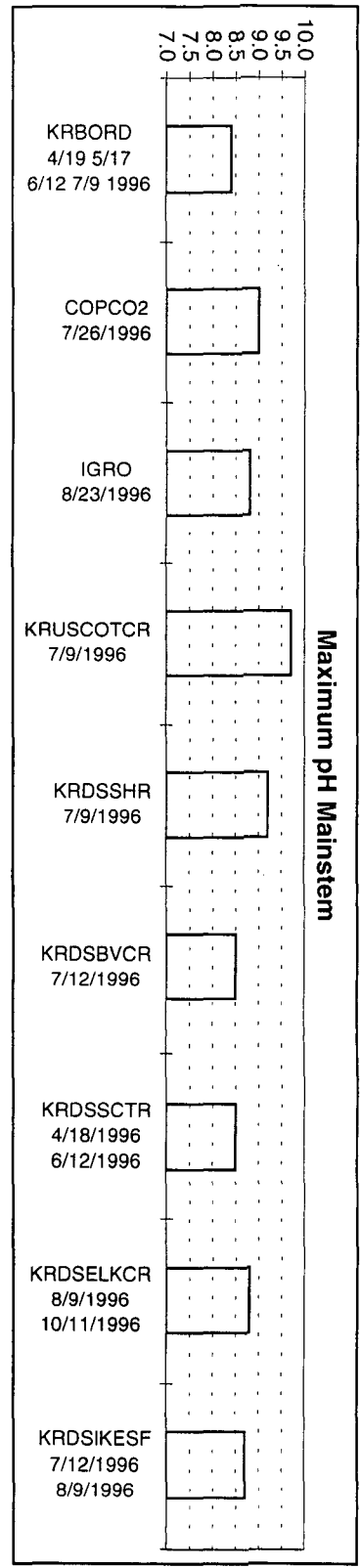


Max-Min DO

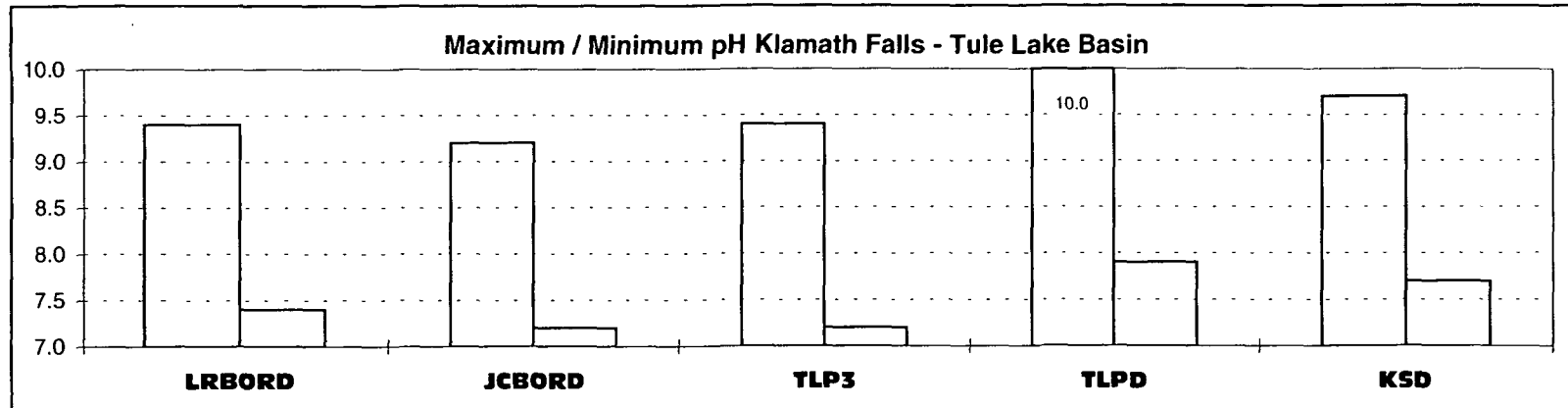
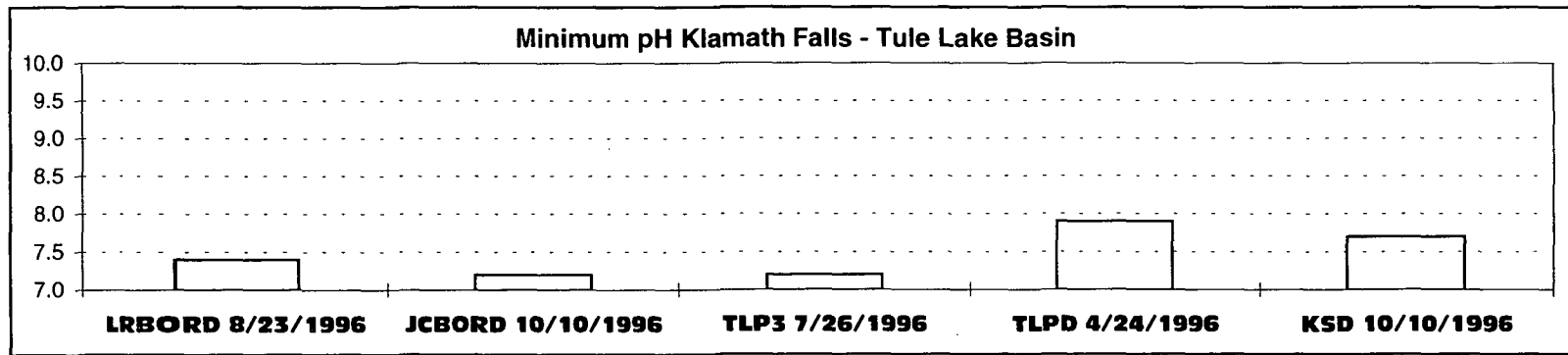
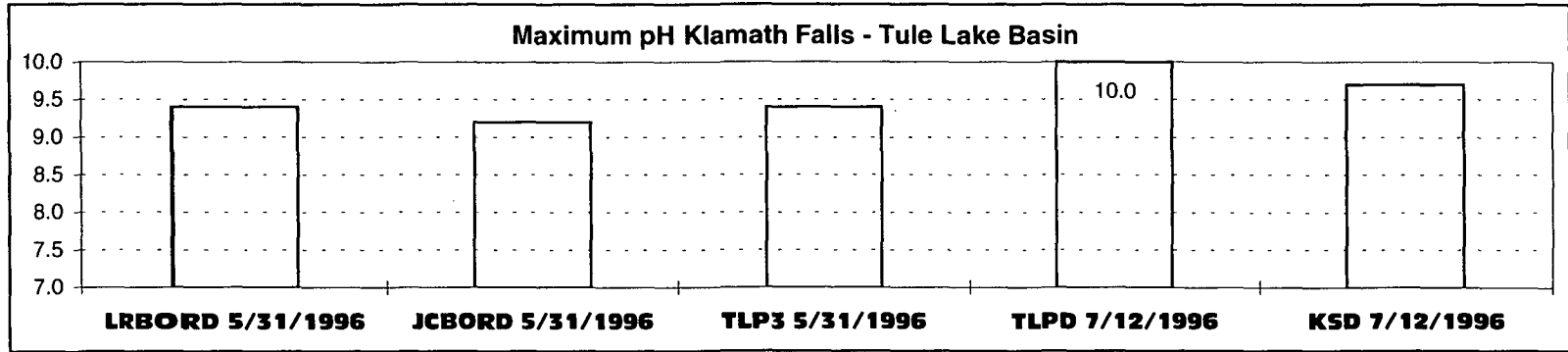


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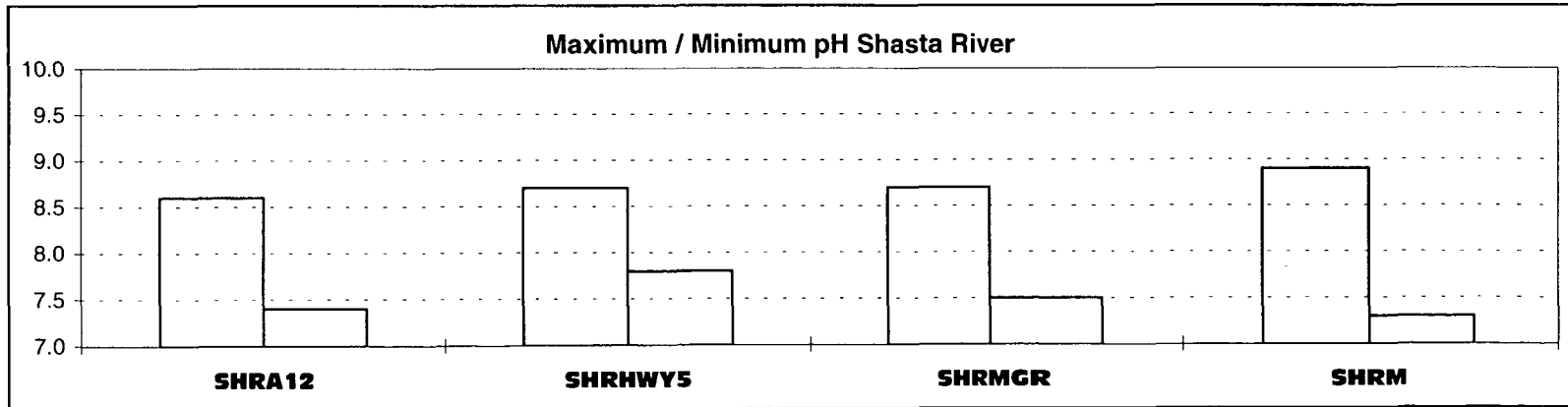
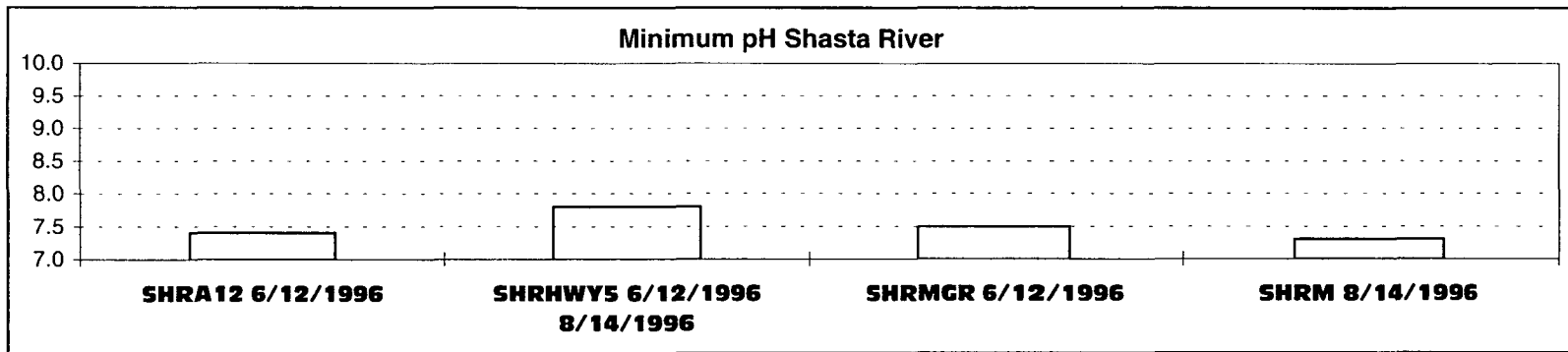
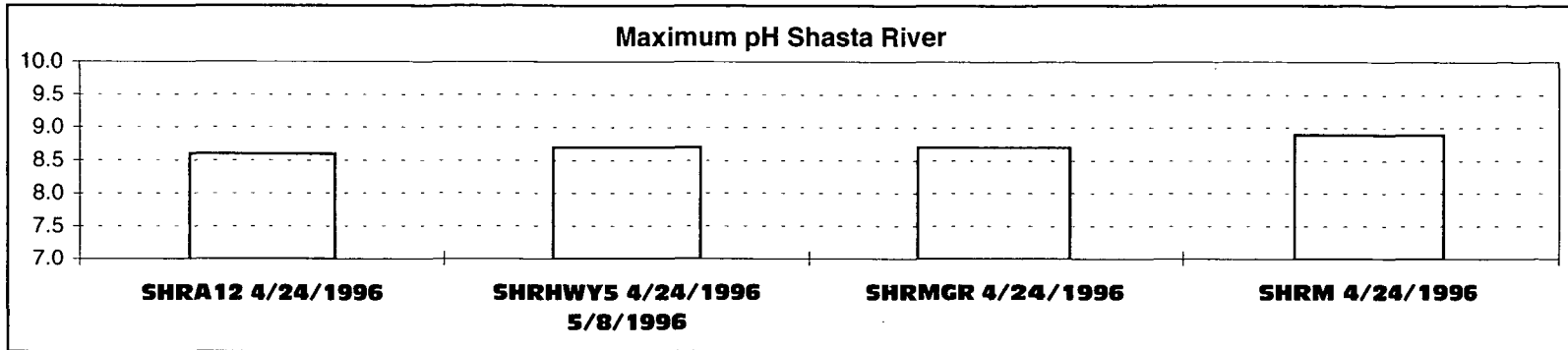
Max-Min pH



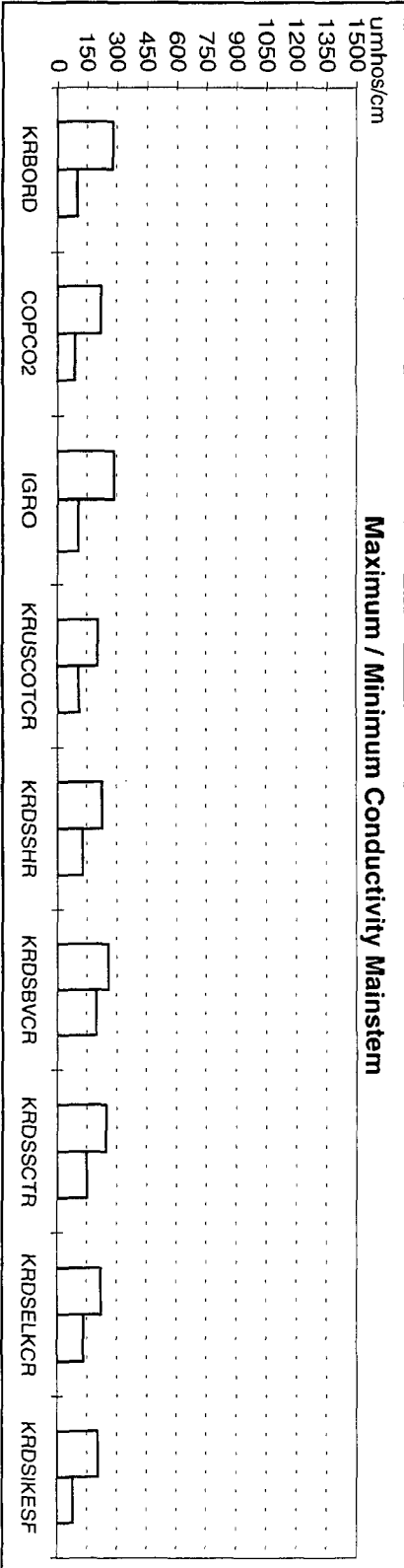
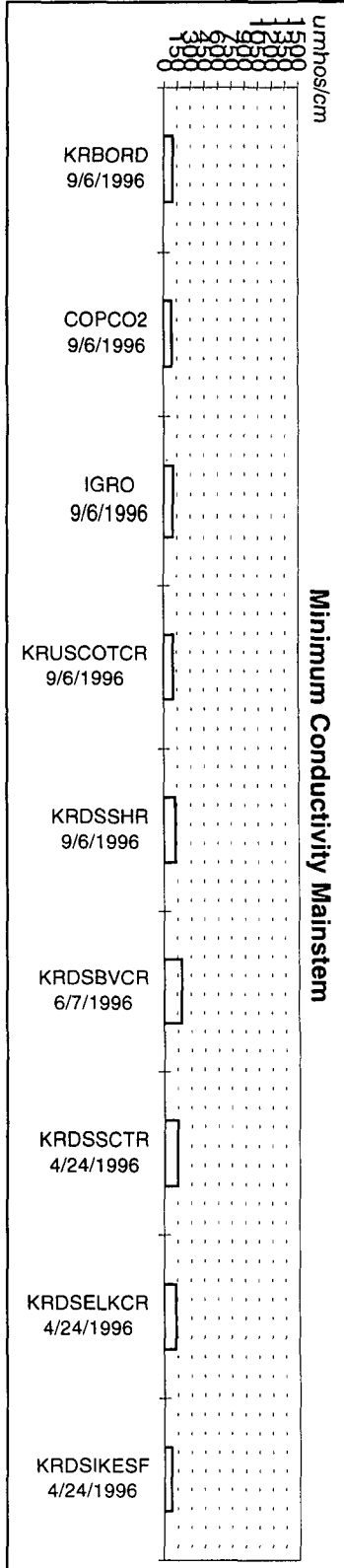
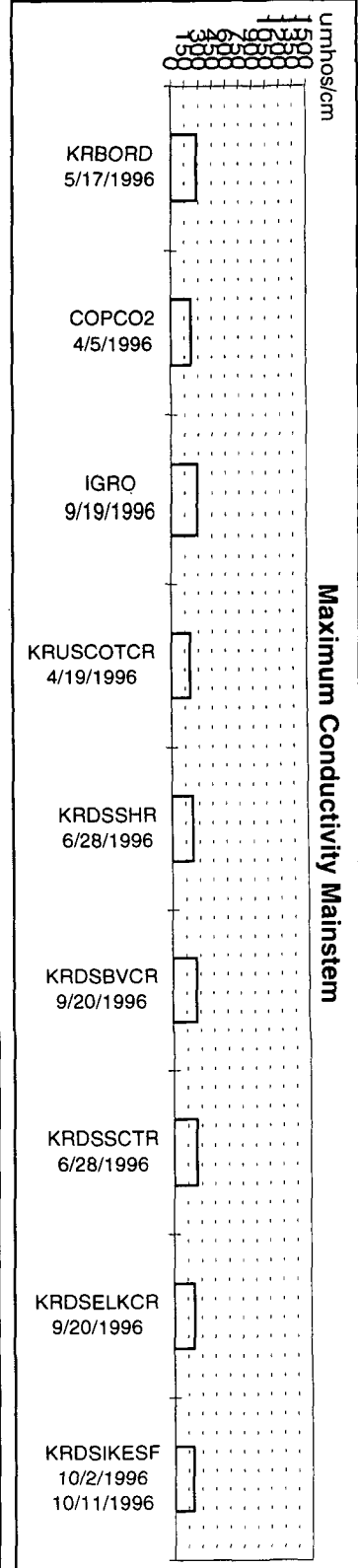
Max-Min pH



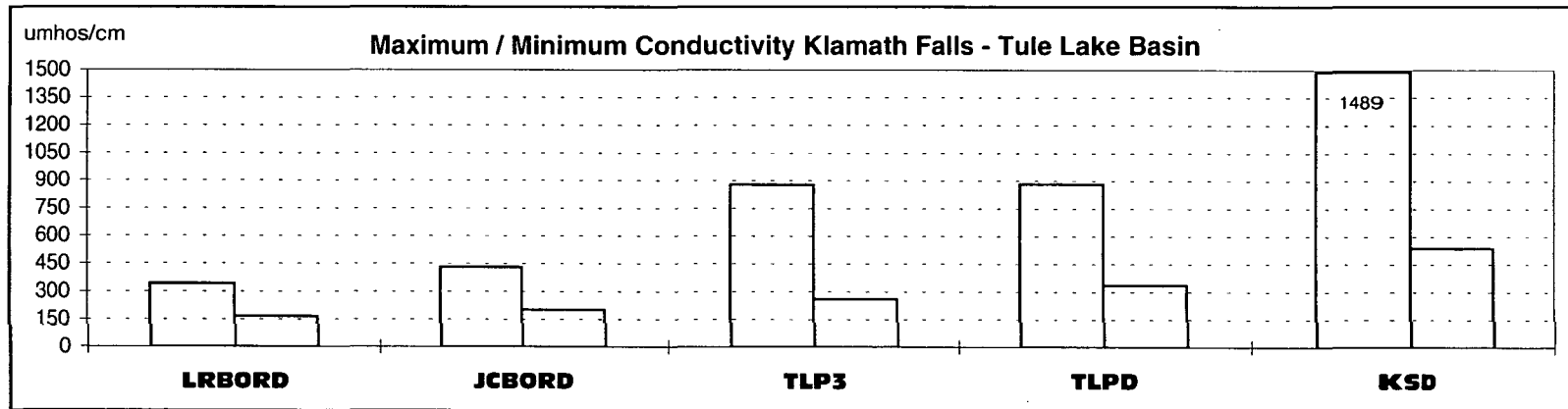
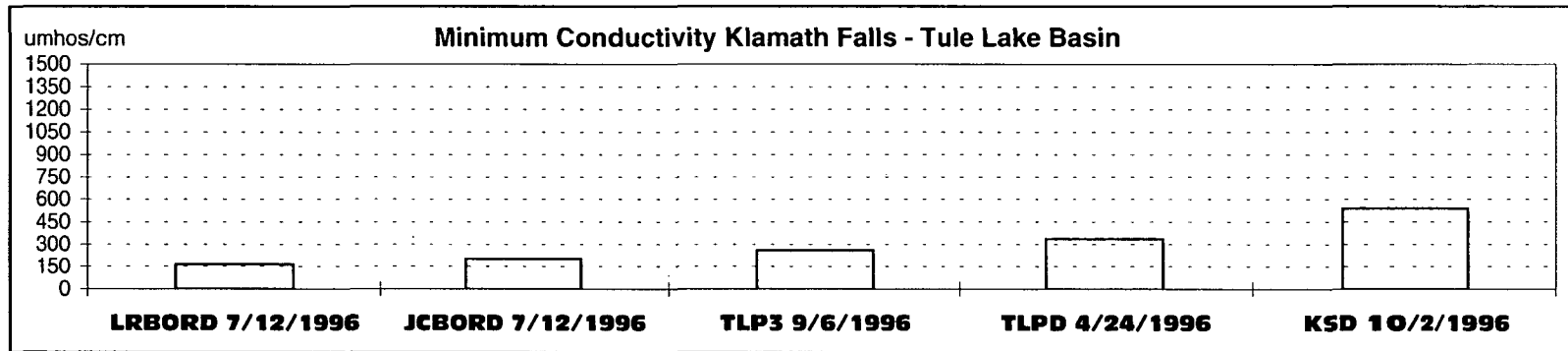
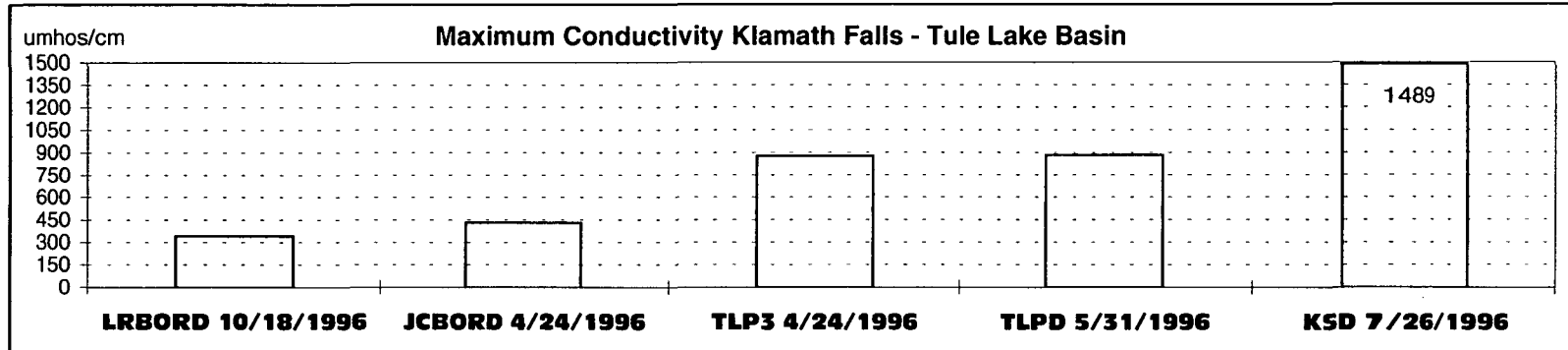
Max-Min pH



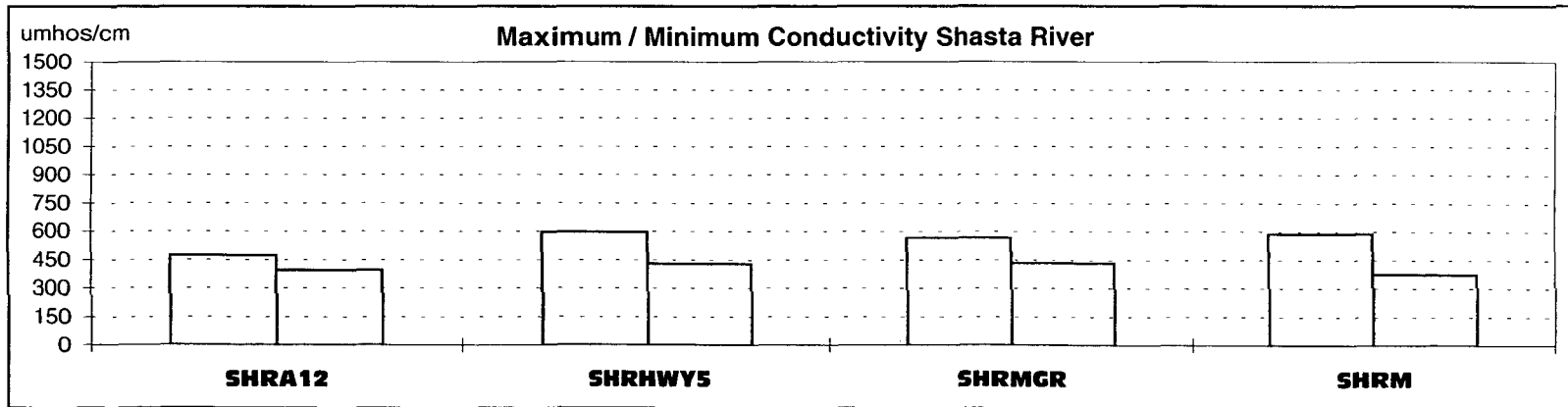
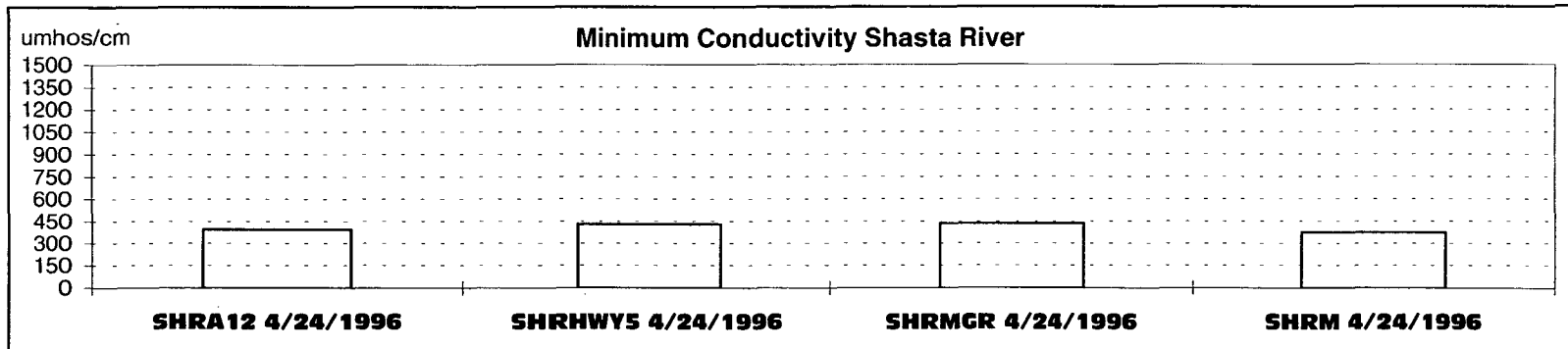
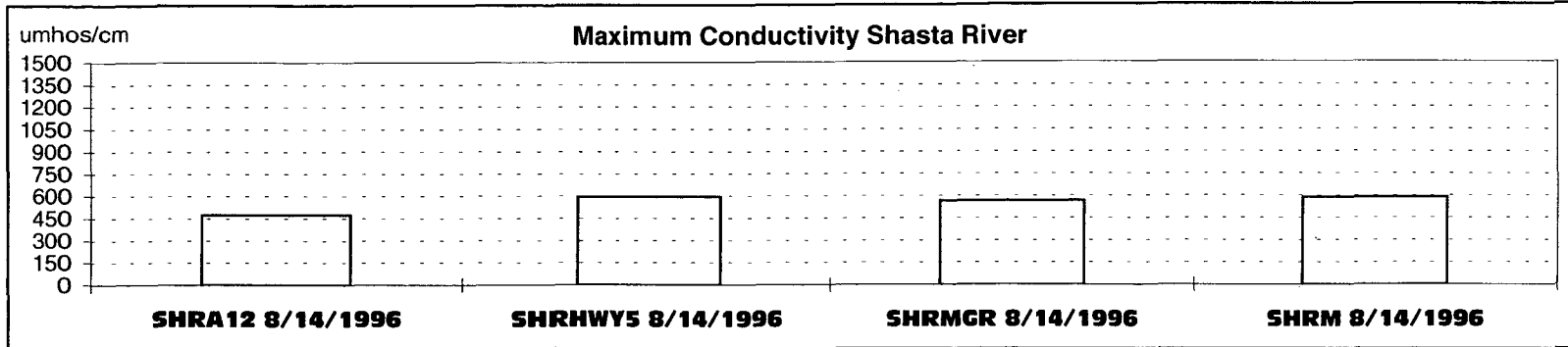
Max-Min Cond



Max-Min Cond



Max-Min Cond



Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max Temp		Min Temp	
Site Acronym	C	Site / Date	C	Site / Date	
KRBORD	20.8	KRBORD 7/9/1996	8.9	KRBORD 4/19/1996	
COPCO2	21.4	COPCO2 7/9/1996	10.4	COPCO2 4/19/1996	
IGRO	21.8	IGRO 7/9/1996	7.1	IGRO 4/19/1996	
KRUSCOTCR	25.7	KRUSCOTCR 7/9/1996	9.2	KRUSCOTCR 4/19/1996	
KRDSSHR	24.7	KRDSSHR 7/9/1996	10.3	KRDSSHR 4/19/1996	
KRDSBVCR	23.4	KRDSBVCR 7/12/1996	5.4	KRDSBVCR 4/18/1996	
KRDSSCTR	23.4	KRDSSCTR 7/12/1996	9.9	KRDSSCTR 4/18/1996	
KRDSELKCR	25.7	KRDSELKCR 7/12/1996	9.7	KRDSELKCR 4/18/1996	
KRDSIKESF	25.2	KRDSIKESF 7/26/1996	9.2	KRDSIKESF 4/24/1996	
LRBORD	24.0	LRBORD 7/26/1996	8.6	LRBORD 10/18/1996	
JCBORD	25.1	JCBORD 7/26/1996	9.7	JCBORD 10/18/1996	
TLP3	20.9	TLP3 6/7/1996	6.9	TLP3 10/18/1996	
TLPD	25.0	TLPD 7/26/1996	7.4	TLPD 10/18/96	
KSD	27.6	KSD 7/12/1996	9.6	KSD 10/18/1996	
SHRA12	20.3	SHRA12 8/14/1996	11.5	SHRA12 4/24/1996	
SHRHWY5	23.0	SHRHWY5 8/14/1996	12.0	SHRHWY5 4/24/1996	
SHRMGR	20.4	SHRMGR 8/14/1996	12.0	SHRMGR 4/24/1996	
SHRM	23.5	SHRM 8/14/1996	12.0	SHRM 4/24/1996	

Tab 21

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max pH		Min pH	
Site Acronym	pH	Site / Date		pH	Site / Date
KRBORD	8.4	KRBORD 4/19 5/17 6/12 7/9 1996		7.8	KRBORD 8/9/1996
COPCO2	9.0	COPCO2 7/26/1996		7.0	COPCO2 4/5/1996
IGRO	8.8	IGRO 8/23/1996		7.6	IGRO 9/19/1996
KRUSCOTCR	9.7	KRUSCOTCR 7/9/1996		8.2	KRUSCOTCR 4/19 4/24 9/25 10/11 1996
KRDSSHR	9.2	KRDSSHR 7/9/1996		7.8	KRDSSHR 10/18/1996
KRDSBVCR	8.5	KRDSBVCR 7/12/1996		7.7	KRDSBVCR 10/18/1996
KRDSSCTR	8.5	KRDSSCTR 4/18/1996 6/12/1996		7.8	KRDSSCTR 10/18/1996
KRDSELKCR	8.8	KRDSELKCR 8/9/1996 10/11/1996		8.0	KRDSELKCR 4/24/1996
KRDSIKESF	8.7	KRDSIKESF 7/12/1996 8/9/1996		7.4	KRDSIKESF 4/24/1996
LRBORD	9.4	LRBORD 5/31/1996		7.4	LRBORD 8/23/1996
JCBORD	9.2	JCBORD 5/31/1996		7.2	JCBORD 10/10/1996
TLP3	9.4	TLP3 5/31/1996		7.2	TLP3 7/26/1996
TLPD	10.0	TLPD 7/12/1996		7.9	TLPD 4/24/1996
KSD	9.7	KSD 7/12/1996		7.7	KSD 10/10/1996
SHRA12	8.6	SHRA12 4/24/1996		7.4	SHRA12 6/12/1996
SHRHWY5	8.7	SHRHWY5 4/24/1996 5/8/1996		7.8	SHRHWY5 6/12/1996 8/14/1996
SHRMGR	8.7	SHRMGR 4/24/1996		7.5	SHRMGR 6/12/1996
SHRM	8.9	SHRM 4/24/1996		7.3	SHRM 8/14/1996

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max DO		Min DO	
Site Acronym	mg/L	Site / Date	mg/L	Site / Date	
KRBORD	10.8	KRBORD 4/19/1996	8.2	KRBORD 6/7/1996 8/9/1996	
COPCO2	10.2	COPCO2 4/19/1996	5.6	COPCO2 9/6/1996	
IGRO	10.8	IGRO 4/19/1996	6.0	IGRO 9/19/1996	
KRUSCOTCR	13.8	KRUSCOTCR 8/23/1996	8.3	KRUSCOTCR 6/7/1996	
KRDSSHR	10.4	KRDSSHR 4/19/1996	8.0	KRDSSHR 9/25/1996	
KRDSBVCR	10.8	KRDSBVCR 4/3/1996 5/31/1996	6.9	KRDSBVCR 8/9/1996	
KRDSSCTR	11.1	KRDSSCTR 4/18/1996 4/24/1996	7.0	KRDSSCTR 8/9/1996	
KRDSELKCR	11.6	KRDSELKCR 10/11/1996	7.7	KRDSELKCR 8/9/1996	
KRDSIKESF	12.7	KRDSIKESF 4/24/1996	8.8	KRDSIKESF 7/12/1996 8/23/1996	
LRBORD	15.6	LRBORD 10/2/1996	4.6	LRBORD 8/23/1996	
JCBORD	10.5	JCBORD 5/31/1996	3.3	JCBORD 7/26/1996	
TLP3	17.4	TLP3 5/31/1996	2.1	TLP3 8/23/1996	
TLPD	13.0	TLPD 6/12/1996	5.9	TLPD 6/7/1996	
KSD	15.0	KSD 6/12/1996	3.0	KSD 8/23/1996	
SHRA12	10.8	SHRA12 5/8/1996	6.9	SHRA12 6/12/1996	
SHRHwy5	11.8	SHRHwy5 5/8/1996	6.4	SHRHwy5 6/12/1996	
SHRMGR	9.8	SHRMGR 4/24/1996	6.2	SHRMGR 6/12/1996	
SHRM	10.2	SHRM 4/24/1996	8.2	SHRM 6/12/1996	

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max Cond		Min Cond	
Site Acronym	umhos	Site / Date	umhos	Site / Date	
KRBORD	280	KRBORD 5/17/1996	101	KRBORD 9/6/1996	
COPCO2	221	COPCO2 4/5/1996	89	COPCO2 9/6/1996	
IGRO	286	IGRO 9/19/1996	105	IGRO 9/6/1996	
KRUSCOTCR	205	KRUSCOTCR 4/19/1996	108	KRUSCOTCR 9/6/1996	
KRDSSHR	226	KRDSSHR 6/28/1996	129	KRDSSHR 9/6/1996	
KRDSBVCR	257	KRDSBVCR 9/20/1996	198	KRDSBVCR 6/7/1996	
KRDSSCTR	247	KRDSSCTR 6/28/1996	150	KRDSSCTR 4/24/1996	
KRDSELKCR	222	KRDSELKCR 9/20/1996	132	KRDSELKCR 4/24/1996	
KRDSIKESF	204	KRDSIKESF 10/2/1996 10/11/1996	79	KRDSIKESF 4/24/1996	
LRBORD	341	LRBORD 10/18/1996	166	LRBORD 7/12/1996	
JCBORD	432	JCBORD 4/24/1996	203	JCBORD 7/12/1996	
TLP3	877	TLP3 4/24/1996	260	TLP3 9/6/1996	
TLPD	882	TLPD 5/31/1996	336	TLPD 4/24/1996	
KSD	1489	KSD 7/26/1996	539	KSD 10/2/1996	
SHRA12	474	SHRA12 8/14/1996	395	SHRA12 4/24/1996	
SHRHWDY5	597	SHRHWDY5 8/14/1996	430	SHRHWDY5 4/24/1996	
SHRMGR	567	SHRMGR 8/14/1996	435	SHRMGR 4/24/1996	
SHRM	588	SHRM 8/14/1996	375	SHRM 4/24/1996	

Field Data Max-Min

	Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
	Max Temp		Min Temp	
Site Acronym	C	Site / Date	C	Site / Date
KRBORD	20.8	KRBORD 7/9/1996	8.9	KRBORD 4/19/1996
COPCO2	21.4	COPCO2 7/9/1996	10.4	COPCO2 4/19/1996
IGRO	21.8	IGRO 7/9/1996	7.1	IGRO 4/19/1996
KRUSCOTCR	25.7	KRUSCOTCR 7/9/1996	9.2	KRUSCOTCR 4/19/1996
KRDSSHR	24.7	KRDSSHR 7/9/1996	10.3	KRDSSHR 4/19/1996
KRDSBVCR	23.4	KRDSBVCR 7/12/1996	5.4	KRDSBVCR 4/18/1996
KRDSSCTR	23.4	KRDSSCTR 7/12/1996	9.9	KRDSSCTR 4/18/1996
KRDSELKCR	25.7	KRDSELKCR 7/12/1996	9.7	KRDSELKCR 4/18/1996
KRDSIKESF	25.2	KRDSIKESF 7/26/1996	9.2	KRDSIKESF 4/24/1996
LRBORD	24.0	LRBORD 7/26/1996	8.6	LRBORD 10/18/1996
JCBORD	25.1	JCBORD 7/26/1996	9.7	JCBORD 10/18/1996
TLP3	20.9	TLP3 6/7/1996	6.9	TLP3 10/18/1996
TLPD	25.0	TLPD 7/26/1996	7.4	TLPD 10/18/96
KSD	27.6	KSD 7/12/1996	9.6	KSD 10/18/1996
SHRA12	20.3	SHRA12 8/14/1996	11.5	SHRA12 4/24/1996
SHRHWY5	23.0	SHRHWY5 8/14/1996	12.0	SHRHWY5 4/24/1996
SHRMGR	20.4	SHRMGR 8/14/1996	12.0	SHRMGR 4/24/1996
SHRM	23.5	SHRM 8/14/1996	12.0	SHRM 4/24/1996

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Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max pH		Min pH	
Site Acronym	pH	Site / Date		pH	Site / Date
KRBORD	8.4	KRBORD 4/19 5/17 6/12 7/9 1996		7.8	KRBORD 8/9/1996
COPCO2	9.0	COPCO2 7/26/1996		7.0	COPCO2 4/5/1996
IGRO	8.8	IGRO 8/23/1996		7.6	IGRO 9/19/1996
KRUSCOTCR	9.7	KRUSCOTCR 7/9/1996		8.2	KRUSCOTCR 4/19 4/24 9/25 10/11 1996
KRDSSHR	9.2	KRDSSHR 7/9/1996		7.8	KRDSSHR 10/18/1996
KRDSBVCR	8.5	KRDSBVCR 7/12/1996		7.7	KRDSBVCR 10/18/1996
KRDSSCTR	8.5	KRDSSCTR 4/18/1996 6/12/1996		7.8	KRDSSCTR 10/18/1996
KRDSELKCR	8.8	KRDSELKCR 8/9/1996 10/11/1996		8.0	KRDSELKCR 4/24/1996
KRDSIKESF	8.7	KRDSIKESF 7/12/1996 8/9/1996		7.4	KRDSIKESF 4/24/1996
LRBORD	9.4	LRBORD 5/31/1996		7.4	LRBORD 8/23/1996
JCBORD	9.2	JCBORD 5/31/1996		7.2	JCBORD 10/10/1996
TLP3	9.4	TLP3 5/31/1996		7.2	TLP3 7/26/1996
TLPD	10.0	TLPD 7/12/1996		7.9	TLPD 4/24/1996
KSD	9.7	KSD 7/12/1996		7.7	KSD 10/10/1996
SHRA12	8.6	SHRA12 4/24/1996		7.4	SHRA12 6/12/1996
SHRHWY5	8.7	SHRHWY5 4/24/1996 5/8/1996		7.8	SHRHWY5 6/12/1996 8/14/1996
SHRMGR	8.7	SHRMGR 4/24/1996		7.5	SHRMGR 6/12/1996
SHRM	8.9	SHRM 4/24/1996		7.3	SHRM 8/14/1996

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max DO		Min DO	
Site Acronym	mg/L	Site / Date	mg/L	Site / Date	
KRBORD	10.8	KRBORD 4/19/1996	8.2	KRBORD 6/7/1996 8/9/1996	
COPCO2	10.2	COPCO2 4/19/1996	5.6	COPCO2 9/6/1996	
IGRO	10.8	IGRO 4/19/1996	6.0	IGRO 9/19/1996	
KRUSCOTCR	13.8	KRUSCOTCR 8/23/1996	8.3	KRUSCOTCR 6/7/1996	
KRDSSHR	10.4	KRDSSHR 4/19/1996	8.0	KRDSSHR 9/25/1996	
KRDSBVCR	10.8	KRDSBVCR 4/3/1996 5/31/1996	6.9	KRDSBVCR 8/9/1996	
KRDSSCTR	11.1	KRDSSCTR 4/18/1996 4/24/1996	7.0	KRDSSCTR 8/9/1996	
KRDSELKCR	11.6	KRDSELKCR 10/11/1996	7.7	KRDSELKCR 8/9/1996	
KRDSIKESF	12.7	KRDSIKESF 4/24/1996	8.8	KRDSIKESF 7/12/1996 8/23/1996	
LRBORD	15.6	LRBORD 10/2/1996	4.6	LRBORD 8/23/1996	
JCBORD	10.5	JCBORD 5/31/1996	3.3	JCBORD 7/26/1996	
TLP3	17.4	TLP3 5/31/1996	2.1	TLP3 8/23/1996	
TLPD	13.0	TLPD 6/12/1996	5.9	TLPD 6/7/1996	
KSD	15.0	KSD 6/12/1996	3.0	KSD 8/23/1996	
SHRA12	10.8	SHRA12 5/8/1996	6.9	SHRA12 6/12/1996	
SHRHWY5	11.8	SHRHWY5 5/8/1996	6.4	SHRHWY5 6/12/1996	
SHRMGR	9.8	SHRMGR 4/24/1996	6.2	SHRMGR 6/12/1996	
SHRM	10.2	SHRM 4/24/1996	8.2	SHRM 6/12/1996	

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max Cond		Min Cond	
Site Acronym	umhos	Site / Date	umhos	Site / Date	
KRBORD	280	KRBORD 5/17/1996	101	KRBORD 9/6/1996	
COPCO2	221	COPCO2 4/5/1996	89	COPCO2 9/6/1996	
IGRO	286	IGRO 9/19/1996	105	IGRO 9/6/1996	
KRUSCOTCR	205	KRUSCOTCR 4/19/1996	108	KRUSCOTCR 9/6/1996	
KRDSSHR	226	KRDSSHR 6/28/1996	129	KRDSSHR 9/6/1996	
KRDSBVCR	257	KRDSBVCR 9/20/1996	198	KRDSBVCR 6/7/1996	
KRDSSCTR	247	KRDSSCTR 6/28/1996	150	KRDSSCTR 4/24/1996	
KRDSELKCR	222	KRDSELKCR 9/20/1996	132	KRDSELKCR 4/24/1996	
KRDSIKESF	204	KRDSIKESF 10/2/1996 10/11/1996	79	KRDSIKESF 4/24/1996	
LRBORD	341	LRBORD 10/18/1996	166	LRBORD 7/12/1996	
JCBORD	432	JCBORD 4/24/1996	203	JCBORD 7/12/1996	
TLP3	877	TLP3 4/24/1996	260	TLP3 9/6/1996	
TLPD	882	TLPD 5/31/1996	336	TLPD 4/24/1996	
KSD	1489	KSD 7/26/1996	539	KSD 10/2/1996	
SHRA12	474	SHRA12 8/14/1996	395	SHRA12 4/24/1996	
SHRHWY5	597	SHRHWY5 8/14/1996	430	SHRHWY5 4/24/1996	
SHRMGR	567	SHRMGR 8/14/1996	435	SHRMGR 4/24/1996	
SHRM	588	SHRM 8/14/1996	375	SHRM 4/24/1996	

Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/5/1996	8:20	KRBORD	Klamath River u/s Shovel Creek	9.8	8.4	9.5	226	
4/5/1996	9:26	COPCO2	Copco Dam outflow	10.8	7.0	9.4	221	
4/5/1996	10:12	IGRO	Iron Gate Dam outflow	10.8	8.3	10.3	202	
4/5/1996	10:32	KRUSCOTCR	Klamath River u/s Cottonwood Creek	10.9	8.4	10.6	204	
4/5/1996	11:00	KRDSSHR	Klamath River d/s Shasta River	11.1	8.4	10.2	216	
4/5/1996	11:15	KRDSBVCR	Klamath River d/s Beaver Creek	11.0	8.4	9.8	228	
4/5/1996	12:45	KRDSSCTR	Klamath River d/s Scott River	11.3	8.4	10.5	209	
4/5/1996	13:40	KRDSELKCR	Klamath River d/s Elk Creek	11.8	8.5	10.4	183	
4/5/1996	15:07	KRDSIKESF	Klamath River at Ikes Falls	11.3	8.2	10.6	142	
4/19/1996	8:45	KRBORD	Klamath River u/s Shovel Creek	8.9	8.4	10.8	222	
4/19/1996	9:40	COPCO2	Copco Dam outflow	10.4	8.2	10.2	192	
4/19/1996	10:04	IGRO	Iron Gate Dam outflow	7.1	8.2	10.8	205	
4/19/1996	10:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	9.2	8.2	10.4	205	
4/19/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	10.3	8.2	10.4	214	
4/18/1996	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	5.4	8.3	10.6	224	
4/18/1996	11:00	KRDSSCTR	Klamath River d/s Scott River	9.9	8.5	11.1	208	
4/18/1996	12:20	KRDSELKCR	Klamath River d/s Elk Creek	9.7	8.5	11.4	195	
4/18/1996	13:30	KRDSIKESF	Klamath River at Ikes Falls	9.9	8.3	12.4	145	
4/24/1996	10:00	KRBORD	Klamath River u/s Shovel Creek	10.4	8.3	10.5	234	
4/24/1996	11:20	COPCO2	Copco Dam outflow	10.5	8.1	10.1	209	
4/24/1996	12:00	IGRO	Iron Gate Dam outflow	11.1	8.1	10.6	195	
4/24/1996	12:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	11.9	8.2	10.7	199	
4/24/1996	13:35	KRDSSHR	Klamath River d/s Shasta River	11.8	8.1	10.2	209	
4/24/1996	15:30	KRDSBVCR	Klamath River d/s Beaver Creek	11.9	8.3	10.7	211	
4/24/1996	14:43	KRDSSCTR	Klamath River d/s Scott River	10.0	8.2	11.1	150	
4/24/1996	13:23	KRDSELKCR	Klamath River d/s Elk Creek	10.2	8.0	11.0	132	
4/24/1996	12:00	KRDSIKESF	Klamath River at Ikes Falls	9.2	7.4	12.7	79	
5/17/1996	7:50	KRBORD	Klamath River u/s Shovel Creek	15.5	8.4	9.4	280	
5/17/1996	7:45	COPCO2	Copco Dam outflow	14.9	8.4	9.3	220	
5/17/1996	7:20	IGRO	Iron Gate Dam outflow	14.8	8.5	9.5	196	
5/17/1996	7:00	KRUSCOTCR	Klamath River u/s Cottonwood Creek	14.7	8.3	8.8	199	
5/17/1996	6:30	KRDSSHR	Klamath River d/s Shasta River	14.6	8.3	8.7	209	
5/17/1996		KRDSBVCR	Klamath River d/s Beaver Creek					
5/17/1996		KRDSSCTR	Klamath River d/s Scott River					
5/17/1996		KRDSELKCR	Klamath River d/s Elk Creek					
5/17/1996		KRDSIKESF	Klamath River at Ikes Falls					
5/31/1996		KRBORD	Klamath River u/s Shovel Creek					
5/31/1996		COPCO2	Copco Dam outflow					
5/31/1996	11:35	IGRO	Iron Gate Dam outflow	15.5	8.4	8.2	177	
5/31/1996	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.9	8.6	8.8	179	
5/31/1996	15:30	KRDSSHR	Klamath River d/s Shasta River	18.6	8.6	8.6	211	
5/31/1996	10:57	KRDSBVCR	Klamath River d/s Beaver Creek	14.9	8.2	10.8	205	
5/31/1996	11:20	KRDSSCTR	Klamath River d/s Scott River	14.8	8.2	11.0	187	
5/31/1996	12:14	KRDSELKCR	Klamath River d/s Elk Creek	14.8	8.1	11.4	174	
5/31/1996	15:29	KRDSIKESF	Klamath River at Ikes Falls	14.3	8.0	11.6	135	
6/7/1996	8:50	KRBORD	Klamath River u/s Shovel Creek	17.6	8.3	8.2	236	
6/7/1996	9:40	COPCO2	Copco Dam outflow	18.4	8.7	8.3	211	

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Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
6/7/1996	10:10	IGRO	Iron Gate Dam outflow	17.7	8.3	8.1	173	
6/7/1996	10:31	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.7	8.5	8.3	177	
6/7/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	18.1	8.3	8.2	194	
6/7/1996	11:08	KRDSBVC	Klamath River d/s Beaver Creek	17.9	8.3	9.3	198	
6/7/1996	11:59	KRDSSCTR	Klamath River d/s Scott River	19.2	8.4	9.9	177	
6/7/1996	13:17	KRDSELKCR	Klamath River d/s Elk Creek	18.9	8.5	9.5	157	
6/7/1996	14:46	KRDSIKESF	Klamath River at Ikes Falls	18.5	8.4	9.6	125	
6/12/1996	9:35	KRBORD	Klamath River u/s Shovel Creek	17.6	8.4	8.6	265	
6/12/1996	10:40	COPCO2	Copco Dam outflow	18.9	8.5	7.9	220	
6/12/1996	11:25	IGRO	Iron Gate Dam outflow	18.6	8.4	7.5	188	
6/12/1996	11:42	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.5	8.9	8.8	189	
6/12/1996	12:10	KRDSSHR	Klamath River d/s Shasta River	19.4	8.5	8.6	203	
6/12/1996	10:25	KRDSBVC	Klamath River d/s Beaver Creek	17.1	8.3	9.3	206	
6/12/1996	12:49	KRDSSCTR	Klamath River d/s Scott River	19.2	8.5	9.8	196	
6/12/1996	14:55	KRDSELKCR	Klamath River d/s Elk Creek	19.5	8.7	10.6	183	
6/12/1996	17:44	KRDSIKESF	Klamath River at Ikes Falls	18.7	8.6	10.0	142	
6/28/1996	9:15	KRBORD	Klamath River u/s Shovel Creek	14.2	8.1	9.1	146	
6/28/1996	10:07	COPCO2	Copco Dam outflow	16.5	7.7	7.0	178	
6/28/1996	10:53	IGRO	Iron Gate Dam outflow	16.6	7.8	7.4	196	
6/28/1996	11:14	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.7	11.8	202	
6/28/1996	11:37	KRDSSHR	Klamath River d/s Shasta River	18.0	8.3	9.4	226	
6/28/1996	10:11	KRDSBVC	Klamath River d/s Beaver Creek	17.6	8.0	8.7	221	
6/28/1996	11:00	KRDSSCTR	Klamath River d/s Scott River	17.5	8.2	9.5	247	
6/28/1996	12:29	KRDSELKCR	Klamath River d/s Elk Creek	19.1	8.4	10.3	221	
6/28/1996	16:20	KRDSIKESF	Klamath River at Ikes Falls	19.6	8.5	10.3	179	
7/9/1996	11:30	KRBORD	Klamath River u/s Shovel Creek	20.8	8.4	9.0	166	
7/9/1996	13:45	COPCO2	Copco Dam outflow	21.4	8.5	7.9	170	
7/9/1996	14:30	IGRO	Iron Gate Dam outflow	21.8	8.3	8.4	194	
7/9/1996	16:48	KRUSCOTCR	Klamath River u/s Cottonwood Creek	25.7	9.7	13.6	194	
7/9/1996	16:05	KRDSSHR	Klamath River d/s Shasta River	24.7	9.2	9.4	210	
7/9/1996		KRDSBVC	Klamath River d/s Beaver Creek					
7/9/1996		KRDSSCTR	Klamath River d/s Scott River					
7/9/1996		KRDSELKCR	Klamath River d/s Elk Creek					
7/9/1996		KRDSIKESF	Klamath River at Ikes Falls					
7/12/1996	9:30	KRBORD	Klamath River u/s Shovel Creek	19.2	8.0	8.5	173	
7/12/1996	10:15	COPCO2	Copco Dam outflow	20.1	8.4	8.1	154	
7/12/1996	10:41	IGRO	Iron Gate Dam outflow	21.8	7.9	8.1	188	
7/12/1996	11:01	KRUSCOTCR	Klamath River u/s Cottonwood Creek	23.2	8.8	12.0	186	
7/12/1996	11:23	KRDSSHR	Klamath River d/s Shasta River	21.8	8.0	8.1	209	
7/12/1996	10:53	KRDSBVC	Klamath River d/s Beaver Creek	23.4	8.5	8.4	219	
7/12/1996	11:44	KRDSSCTR	Klamath River d/s Scott River	23.4	8.4	8.7	224	
7/12/1996	14:10	KRDSELKCR	Klamath River d/s Elk Creek	25.7	8.7	9.0	216	
7/12/1996	16:49	KRDSIKESF	Klamath River at Ikes Falls	24.7	8.7	8.8	181	
7/26/1996	9:10	KRBORD	Klamath River u/s Shovel Creek	14.1	8.0	9.0	148	
7/26/1996	10:00	COPCO2	Copco Dam outflow	15.5	9.0	10.1	118	
7/26/1996	10:30	IGRO	Iron Gate Dam outflow	15.5	8.3	8.7	121	
7/26/1996	10:55	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.8	12.2	135	

Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
7/26/1996	11:20	KRDSSHR	Klamath River d/s Shasta River	17.9	8.1	8.8	151	
7/26/1996	9:40	KRDSBVCR	Klamath River d/s Beaver Creek	23.2	8.3	8.6	201	
7/26/1996	10:23	KRDSSCTR	Klamath River d/s Scott River	23.0	8.2	8.6	213	
7/26/1996	11:58	KRDSELKCR	Klamath River d/s Elk Creek	24.9	8.7	9.8	212	
7/26/1996	15:20	KRDSIKESF	Klamath River at Ikes Falls	25.2	8.6	9.4	188	
8/9/1996	8:40	KRBORD	Klamath River u/s Shovel Creek	16.3	7.8	8.2	158	
8/9/1996	9:35	COPCO2	Copco Dam outflow	18.5	8.2	6.8	178	
8/9/1996	10:00	IGRO	Iron Gate Dam outflow	18.9	8.7	8.0	162	
8/9/1996	10:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.0	9.1	11.0	165	
8/9/1996	10:45	KRDSSHR	Klamath River d/s Shasta River	19.4	8.3	8.2	175	
8/9/1996	10:25	KRDSBVCR	Klamath River d/s Beaver Creek	22.0	8.4	6.9	202	
8/9/1996	11:20	KRDSSCTR	Klamath River d/s Scott River	22.3	8.4	7.0	211	
8/9/1996	13:15	KRDSELKCR	Klamath River d/s Elk Creek	24.0	8.8	7.7	210	
8/9/1996	16:54	KRDSIKESF	Klamath River at Ikes Falls	23.8	8.7	9.4	188	
8/14/1996	9:55	KRBORD	Klamath River u/s Shovel Creek	13.6	8.3	8.9	125	
8/14/1996	12:10	COPCO2	Copco Dam outflow	17.4	8.3	6.6	157	
8/14/1996	12:55	IGRO	Iron Gate Dam outflow	17.3	8.7	7.6	149	
8/14/1996	13:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.5	9.2	13.0	164	
8/14/1996	14:15	KRDSSHR	Klamath River d/s Shasta River	18.7	8.9	8.8	160	
8/14/1996	9:46	KRDSBVCR	Klamath River d/s Beaver Creek	22.0	8.3	8.0	212	
8/14/1996	11:05	KRDSSCTR	Klamath River d/s Scott River	22.3	8.3	8.2	217	
8/14/1996	13:32	KRDSELKCR	Klamath River d/s Elk Creek	24.0	8.6	9.5	217	
8/14/1996	15:45	KRDSIKESF	Klamath River at Ikes Falls	23.7	8.4	8.9	195	
8/23/1996		KRBORD	Klamath River u/s Shovel Creek					
8/23/1996		COPCO2	Copco Dam outflow					
8/23/1996	11:15	IGRO	Iron Gate Dam outflow	18.8	8.8	9.4	170	
8/23/1996	11:46	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.9	9.3	13.8	160	
8/23/1996	12:18	KRDSSHR	Klamath River d/s Shasta River	18.3	8.6	9.8	177	
8/23/1996	10:29	KRDSBVCR	Klamath River d/s Beaver Creek	20.9	8.2	8.7	216	
8/23/1996	11:11	KRDSSCTR	Klamath River d/s Scott River	20.7	8.2	9.0	217	
8/23/1996	13:15	KRDSELKCR	Klamath River d/s Elk Creek	22.7	8.6	10.3	216	
8/23/1996	16:20	KRDSIKESF	Klamath River at Ikes Falls	22.7	8.5	8.8	199	
9/6/1996	8:42	KRBORD	Klamath River u/s Shovel Creek		7.9	8.4	101	
9/6/1996	9:30	COPCO2	Copco Dam outflow		7.5	5.6	89	
9/6/1996	10:00	IGRO	Iron Gate Dam outflow		8.0	6.5	105	
9/6/1996	10:22	KRUSCOTCR	Klamath River u/s Cottonwood Creek		8.3	8.8	108	
9/6/1996	10:48	KRDSSHR	Klamath River d/s Shasta River		8.1	8.2	129	
9/6/1996	10:50	KRDSBVCR	Klamath River d/s Beaver Creek	18.0	8.1	8.8	210	
9/6/1996	11:37	KRDSSCTR	Klamath River d/s Scott River	18.7	8.3	9.2	218	
9/6/1996	13:19	KRDSELKCR	Klamath River d/s Elk Creek	19.4	8.7	10.9	217	
9/6/1996	17:08	KRDSIKESF	Klamath River at Ikes Falls	19.8	8.6	10.0	201	
9/11/1996	11:00	KRBORD	Klamath River u/s Shovel Creek	17.1	8.3	10.4	174	
9/11/1996	12:10	COPCO2	Copco Dam outflow	19.2	7.7	6.8	182	
9/11/1996	12:55	IGRO	Iron Gate Dam outflow	20.5	8.2	7.6	190	
9/11/1996	13:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.7	8.8	11.2	188	
9/11/1996	14:10	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.6	200	
9/11/1996		KRDSBVCR	Klamath River d/s Beaver Creek					

Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
9/11/1996		KRDSSCTR	Klamath River d/s Scott River					
9/11/1996		KRDSELKCR	Klamath River d/s Elk Creek					
9/11/1996		KRDSIKESF	Klamath River at Ikes Falls					
9/19/1996	9:50	KRBORD	Klamath River u/s Shovel Creek	14.4	8.3	9.8	152	
9/19/1996	8:46	COPCO2	Copco Dam outflow	16.6	7.6	6.0	169	
9/19/1996	7:55	IGRO	Iron Gate Dam outflow	17.6	7.6	6.0	286	
9/19/1996	11:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.4	9.5	185	
9/19/1996	13:25	KRDSSHR	Klamath River d/s Shasta River	18.8	8.3	9.0	207	
9/20/1996	10:34	KRDSBVCR	Klamath River d/s Beaver Creek	10.8	8.2	10.5	257	
9/20/1996	11:41	KRDSSCTR	Klamath River d/s Scott River	17.6	8.1	9.5	226	
9/20/1996	13:57	KRDSELKCR	Klamath River d/s Elk Creek	19.0	8.4	10.6	222	
9/20/1996	16:44	KRDSIKESF	Klamath River at Ikes Falls	18.8	8.5	10.3	203	
9/25/1996	7:45	KRBORD	Klamath River u/s Shovel Creek	12.8	7.9	9.5	182	
9/25/1996	8:55	COPCO2	Copco Dam outflow	15.7	7.7	6.1	165	
9/25/1996	9:50	IGRO	Iron Gate Dam outflow	16.7	7.7	6.7	182	
9/25/1996	10:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.4	8.2	8.7	181	
9/25/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	15.8	8.1	8.0	204	
9/25/1996		KRDSBVCR	Klamath River d/s Beaver Creek					
9/25/1996		KRDSSCTR	Klamath River d/s Scott River					
9/25/1996		KRDSELKCR	Klamath River d/s Elk Creek					
9/25/1996		KRDSIKESF	Klamath River at Ikes Falls					
10/2/1996		KRBORD	Klamath River u/s Shovel Creek					
10/2/1996		COPCO2	Copco Dam outflow					
10/2/1996		IGRO	Iron Gate Dam outflow					
10/2/1996		KRDSCOTCR	Klamath River d/s Cottonwood Creek					
10/2/1996		KRDSSHR	Klamath River d/s Shasta River					
10/2/1996	9:10	KRDSBVCR	Klamath River d/s Beaver Creek	15.9	8.0	8.5	211	
10/2/1996	10:07	KRDSSCTR	Klamath River d/s Scott River	16.7	8.0	8.5	216	
10/2/1996	12:19	KRDSELKCR	Klamath River d/s Elk Creek	18.0	8.3	9.8	219	
10/2/1996	14:32	KRDSIKESF	Klamath River at Ikes Falls	18.5	8.5	9.8	204	
10/11/1996	12:00	KRBORD	Klamath River u/s Shovel Creek	14.7	8.1	9.9	170	
10/11/1996	11:00	COPCO2	Copco Dam outflow	16.2	7.7	7.6	167	
10/11/1996	10:30	IGRO	Iron Gate Dam outflow	16.6	8.5	9.4	170	
10/11/1996	10:00	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.6	8.2	9.4	170	
10/11/1996	13:30	KRDSSHR	Klamath River d/s Shasta River	16.9	8.1	9.8	193	
10/11/1996	11:35	KRDSBVCR	Klamath River d/s Beaver Creek	15.2	8.0	9.8	206	
10/11/1996	12:14	KRDSSCTR	Klamath River d/s Scott River	16.1	8.2	9.7	213	
10/11/1996	14:44	KRDSELKCR	Klamath River d/s Elk Creek	17.4	8.8	11.6	212	
10/11/1996	17:16	KRDSIKESF	Klamath River at Ikes Falls	17.0	8.6	10.2	204	
10/18/1996	13:45	KRBORD	Klamath River u/s Shovel Creek	11.5	8.3	9.8	154	
10/18/1996	13:00	COPCO2	Copco Dam outflow	14.7	7.7	6.8	172	
10/18/1996	12:15	IGRO	Iron Gate Dam outflow	15.4	7.6	6.7	174	
10/18/1996	11:50	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.2	8.3	10.1	171	
10/18/1996	10:45	KRDSSHR	Klamath River d/s Shasta River	14.3	7.8	8.7	198	
10/18/1996	11:23	KRDSBVCR	Klamath River d/s Beaver Creek	13.4	7.7	10.2	207	
10/18/1996	12:15	KRDSSCTR	Klamath River d/s Scott River	13.7	7.8	10.2	215	
10/18/1996	14:35	KRDSELKCR	Klamath River d/s Elk Creek	13.3	8.4	11.1	208	

Mainstem by Date

Project: NCRWQCB 104(b) Grant				Author: Timothy Mahan 12/14/1997			
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond
10/18/1996	17:30	KRDSIKESF	Klamath River at Ikes Falls	12.9	8.2	11.0	193

Mainstem Unionized by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
4/24/1996	10:00	KRBORD	Klamath River u/s Shovel Creek	0.0037
4/24/1996	11:20	COPCO2	Copco Dam outflow	0.0024
4/24/1996	12:00	IGRO	Iron Gate Dam outflow	0.0025
4/24/1996	12:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0033
4/24/1996	13:35	KRDSSHR	Klamath River d/s Shasta River	0.0026
4/24/1996	15:30	KRDSBVCR	Klamath River d/s Beaver Creek	0.0041
4/24/1996	14:43	KRDSSCTR	Klamath River d/s Scott River	0.0029
4/24/1996	13:23	KRDSELKCR	Klamath River d/s Elk Creek	0.0019
4/24/1996	12:00	KRDSIKESF	Klamath River at Ikes Falls	0.0004
6/12/1996	9:35	KRBORD	Klamath River u/s Shovel Creek	0.0062
6/12/1996	10:40	COPCO2	Copco Dam outflow	0.0155
6/12/1996	11:25	IGRO	Iron Gate Dam outflow	0.0091
n/a	n/a	KRDSCOTCR	Klamath River d/s Cottonwood Creek	
6/12/1996	12:10	KRDSSHR	Klamath River d/s Shasta River	0.0096
6/12/1996	10:25	KRDSBVCR	Klamath River d/s Beaver Creek	0.0054
6/12/1996	12:49	KRDSSCTR	Klamath River d/s Scott River	0.0116
6/12/1996	14:55	KRDSELKCR	Klamath River d/s Elk Creek	0.0128
6/12/1996	17:44	KRDSIKESF	Klamath River at Ikes Falls	0.0150
8/14/1996	9:55	KRBORD	Klamath River u/s Shovel Creek	0.0012
8/14/1996	12:10	COPCO2	Copco Dam outflow	0.0067
8/14/1996	12:55	IGRO	Iron Gate Dam outflow	0.0112
8/14/1996	13:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0206
8/14/1996	14:15	KRDSSHR	Klamath River d/s Shasta River	0.0056
8/14/1996	9:46	KRDSBVCR	Klamath River d/s Beaver Creek	0.0021
8/14/1996	11:05	KRDSSCTR	Klamath River d/s Scott River	0.0021
8/14/1996	13:32	KRDSELKCR	Klamath River d/s Elk Creek	0.0043
8/14/1996	15:45	KRDSIKESF	Klamath River at Ikes Falls	0.0029

Feb 25

Klam Falls - Tule by Date

Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond
9/20/1996	10:50	JCBORD	J Canal at stateline	13.8	7.8	7.4	307
9/20/1996	10:05	TLP3	Tule Lake Pump 3 (in)	12.9	7.9	7.2	363
9/20/1996	9:40	TLPD	Tule Lake Pump D (out)	12.8	9.5	8.8	780
9/20/1996	12:35	KSD	Klamath Straits Drain at stateline	18.9	9.2	12.8	645
10/2/1996	13:20	LRBORD	Lost River at stateline	17.7	8.7	15.6	259
10/2/1996	13:00	JCBORD	J Canal at stateline	17.0	7.7	5.8	320
10/2/1996	11:10	TLP3	Tule Lake Pump 3 (in)	15.3	7.6	5.4	633
10/2/1996	10:45	TLPD	Tule Lake Pump D (out)	16.8	9.2	7.4	570
10/2/1996	13:50	KSD	Klamath Straits Drain at stateline	24.5	8.2	9.3	539
10/10/1996	11:20	LRBORD	Lost River at stateline	16.1	7.5	8.0	315
10/10/1996	10:40	JCBORD	J Canal at stateline	15.9	7.2	5.5	320
10/10/1996	9:45	TLP3	Tule Lake Pump 3 (in)	13.5	7.4	6.3	420
10/10/1996	9:20	TLPD	Tule Lake Pump D (out)	16.2	8.9	6.4	525
10/10/1996	12:30	KSD	Klamath Straits Drain at stateline	15.3	7.7	6.4	596
10/18/1996	11:20	LRBORD	Lost River at stateline	8.6	7.9	9.2	341
10/18/1996	10:55	JCBORD	J Canal at stateline	9.7	7.5	8.8	285
10/18/1996	9:55	TLP3	Tule Lake Pump 3 (in)	6.9	7.9	8.3	503
10/18/1996	9:30	TLPD	Tule Lake Pump D (out)	7.4	8.9	8.8	668
10/18/1996	12:20	KSD	Klamath Straits Drain at stateline	9.6	7.9	8.1	593

Klam Falls - Tule by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/24/1996	10:15	LRBORD	Lost River at stateline		8.2		322	
4/24/1996	9:50	JCBORD	J Canal at stateline		8.5		432	
4/24/1996	10:30	TLP3	Tule Lake Pump 3 (in)		9.0		877	
4/24/1996	10:45	TLPD	Tule Lake Pump D (out)		7.9		336	
4/24/1996	12:45	KSD	Klamath Straits Drain at stateline		9.0		920	
5/31/1996	13:00	LRBORD	Lost River at stateline	19.2	9.4	13.8	327	
5/31/1996	13:20	JCBORD	J Canal at stateline	18.6	9.2	10.5	302	
5/31/1996	11:50	TLP3	Tule Lake Pump 3 (in)	19.5	9.4	17.4	481	
5/31/1996	12:20	TLPD	Tule Lake Pump D (out)	17.3	8.7	7.7	882	
5/31/1996	15:35	KSD	Klamath Straits Drain at stateline	19.8	9.0	10.0	913	
6/7/1996	10:45	LRBORD	Lost River at stateline	22.0	8.6	9.1	185	
6/7/1996	11:05	JCBORD	J Canal at stateline	22.6	8.0	6.5	213	
6/7/1996	10:05	TLP3	Tule Lake Pump 3 (in)	20.9	8.4	8.1	482	
6/7/1996	9:40	TLPD	Tule Lake Pump D (out)	19.6	8.7	5.9	870	
6/7/1996	13:20	KSD	Klamath Straits Drain at stateline	26.1	9.2	12.6	1234	
6/12/1996	12:05	LRBORD	Lost River at stateline	20.8	8.9	10.3	204	
6/12/1996	12:20	JCBORD	J Canal at stateline	21.7	8.8	7.8	241	
6/12/1996	10:45	TLP3	Tule Lake Pump 3 (in)	20.1	8.8	10.8	337	
6/12/1996	11:25	TLPD	Tule Lake Pump D (out)	20.7	9.2	13.0	874	
6/12/1996	14:40	KSD	Klamath Straits Drain at stateline	24.9	9.5	15.0	1419	
6/28/1996	9:50	LRBORD	Lost River at stateline	16.0	7.7	6.7	233	
6/28/1996	10:20	JCBORD	J Canal at stateline	16.7	8.2	7.6	263	
6/28/1996	12:50	TLP3	Tule Lake Pump 3 (in)	17.6	8.5	10.2	347	
6/28/1996	12:20	TLPD	Tule Lake Pump D (out)	16.7	9.8	8.4	594	
6/28/1996	9:15	KSD	Klamath Straits Drain at stateline	16.5	9.4	6.8	1124	
7/12/1996	10:45	LRBORD	Lost River at stateline	23.3	8.3	6.4	166	
7/12/1996	11:25	JCBORD	J Canal at stateline	24.4	8.0	5.4	203	
7/12/1996	9:55	TLP3	Tule Lake Pump 3 (in)	23.0	7.9	5.6	319	
7/12/1996	9:10	TLPD	Tule Lake Pump D (out)	22.4	10.0	6.4	487	
7/12/1996	12:30	KSD	Klamath Straits Drain at stateline	27.6	9.7	9.5	795	
7/26/1996	11:00	LRBORD	Lost River at stateline	24.0	7.6	6.5	204	
7/26/1996	10:15	JCBORD	J Canal at stateline	25.1	7.3	3.3	211	
7/26/1996	9:25	TLP3	Tule Lake Pump 3 (in)	23.6	7.2	5.3	384	
7/26/1996	8:45	TLPD	Tule Lake Pump D (out)	25.0	9.7	7.2	393	
7/26/1996	12:10	KSD	Klamath Straits Drain at stateline	27.3	8.9	5.2	1489	
8/9/1996	11:00	LRBORD	Lost River at stateline	21.0	7.9	7.8	237	
8/9/1996	10:30	JCBORD	J Canal at stateline	21.8	7.7	5.3	256	
8/9/1996	9:30	TLP3	Tule Lake Pump 3 (in)	20.3	7.3	3.1	340	
8/9/1996	9:00	TLPD	Tule Lake Pump D (out)	20.3	9.9	9.4	560	
8/9/1996	12:25	KSD	Klamath Straits Drain at stateline	24.4	9.6	9.8	569	
8/14/1996	9:25	LRBORD	Lost River at stateline	21.4	7.5	5.6	199	
8/14/1996	8:40	JCBORD	J Canal at stateline	22.4	7.5	4.2	249	
8/14/1996	10:43	TLP3	Tule Lake Pump 3 (in)	22.0	7.6	4.2	351	
8/14/1996	11:20	TLPD	Tule Lake Pump D (out)	24.8	9.8	9.3	488	
8/14/1996	13:15	KSD	Klamath Straits Drain at stateline	25.5	9.3	9.1	893	
8/23/1996	8:40	LRBORD	Lost River at stateline	18.2	7.4	4.6	228	
8/23/1996	8:15	JCBORD	J Canal at stateline	19.6	7.5	5.3	231	
8/23/1996	9:30	TLP3	Tule Lake Pump 3 (in)	18.3	7.4	2.1	326	
8/23/1996	9:00	TLPD	Tule Lake Pump D (out)	19.4	9.8	8.4	492	
8/23/1996	10:50	KSD	Klamath Straits Drain at stateline	20.0	9.1	3.0	1064	
9/6/1996	10:10	LRBORD	Lost River at stateline	14.8	8.1	9.8	226	
9/6/1996	10:40	JCBORD	J Canal at stateline	16.5	7.7	7.3	270	
9/6/1996	9:25	TLP3	Tule Lake Pump 3 (in)	14.6	7.9	4.9	260	
9/6/1996	8:55	TLPD	Tule Lake Pump D (out)	14.2	9.6	7.0	565	
9/6/1996	13:20	KSD	Klamath Straits Drain at stateline	21.6	8.4	7.3	731	
9/20/1996	11:15	LRBORD	Lost River at stateline	14.8	8.6	11.5	228	

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K Falls, Tule Unionized by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
6/12/1996	12:20	JCBORD	J Canal at stateline	0.0308
6/12/1996	10:45	TLP3	Tule Lake Pump 3 (in)	0.0402
6/12/1996	11:25	TLPD	Tule Lake Pump D (out)	0.1591
6/12/1996	14:40	KSD	Klamath Straits Drain at stateline	0.1089
8/14/1996	9:25	LRBORD	Lost River at stateline	0.0011
8/14/1996	8:40	JCBORD	J Canal at stateline	0.0012
8/14/1996	10:43	TLP3	Tule Lake Pump 3 (in)	0.0016
8/14/1996	11:20	TLPD	Tule Lake Pump D (out)	0.1325
8/14/1996	13:15	KSD	Klamath Straits Drain at stateline	0.0270
10/2/1996	13:20	LRBORD	Lost River at stateline	0.0416
10/2/1996	13:00	JCBORD	J Canal at stateline	0.0048
10/2/1996	11:10	TLP3	Tule Lake Pump 3 (in)	0.0235
10/2/1996	10:45	TLPD	Tule Lake Pump D (out)	0.1623
10/2/1996	13:50	KSD	Klamath Straits Drain at stateline	0.1277

tab 23

Unionized NH3 by Site

Project: NCRWQCB 104(b) Grant			C	pH	mg/L	mg/L		
Date	Time	Site Acronym	Temp	pH	NH3-N	Union NH3	pKa	f
4/17/1996	12:00	COPCO2	11.3	8.2	0.140	0.0044	9.687	0.032
4/24/1996	11:20	COPCO2	10.5	8.1	0.100	0.0024	9.714	0.024
5/8/1996	10:40	COPCO2	12.8	8.1	0.140	0.0040	9.637	0.028
6/12/1996	10:40	COPCO2	18.9	8.5	0.150	0.0155	9.438	0.103
8/14/1996	12:10	COPCO2	17.4	8.3	0.110	0.0067	9.486	0.061
9/11/1996	12:10	COPCO2	19.2	7.7	0.025	0.0005	9.428	0.018
9/25/1996	8:55	COPCO2	15.7	7.7	0.190	0.0027	9.541	0.014
4/24/1996	12:00	IGRO	11.1	8.1	0.100	0.0025	9.694	0.025
6/12/1996	11:25	IGRO	18.6	8.4	0.110	0.0091	9.447	0.082
8/14/1996	12:55	IGRO	17.3	8.7	0.080	0.0112	9.489	0.140
6/12/1996	12:20	JCBORD	21.7	8.8	0.140	0.0308	9.349	0.220
8/14/1996	8:40	JCBORD	22.4	7.5	0.080	0.0012	9.327	0.015
10/2/1996	13:00	JCBORD	17.0	7.7	0.310	0.0048	9.499	0.016
4/17/1996	10:40	KRBORD	10.5	8.3	0.240	0.0089	9.714	0.037
4/24/1996	10:00	KRBORD	10.4	8.3	0.100	0.0037	9.718	0.037
5/8/1996	9:20	KRBORD	12.3	8.2	0.420	0.0143	9.654	0.034
6/12/1996	9:35	KRBORD	17.6	8.4	0.080	0.0062	9.479	0.077
8/14/1996	9:55	KRBORD	13.6	8.3	0.025	0.0012	9.610	0.047
9/11/1996	11:00	KRBORD	17.1	8.3	0.160	0.0096	9.496	0.060
9/25/1996	7:45	KRBORD	12.8	7.9	0.100	0.0018	9.637	0.018
4/24/1996	15:30	KRDSBVCR	11.9	8.3	0.100	0.0041	9.667	0.041
6/12/1996	10:25	KRDSBVCR	17.1	8.3	0.090	0.0054	9.496	0.060
8/14/1996	9:46	KRDSBVCR	22.0	8.3	0.025	0.0021	9.339	0.084
10/2/1996	9:10	KRDSBVCR	15.9	8.0	0.140	0.0040	9.535	0.028
4/24/1996	12:35	KRUSCOTCR	11.9	8.2	0.100	0.0033	9.667	0.033
8/14/1996	13:20	KRUSCOTCR	21.5	9.2	0.050	0.0206	9.355	0.412
4/24/1996	13:23	KRDSELKCR	10.2	8.0	0.100	0.0019	9.725	0.019
6/12/1996	14:55	KRDSELKCR	19.5	8.7	0.080	0.0128	9.418	0.161
8/14/1996	13:32	KRDSELKCR	24.0	8.6	0.025	0.0043	9.277	0.174
10/2/1996	12:19	KRDSELKCR	18.0	8.3	0.200	0.0128	9.467	0.064
4/24/1996	12:00	KRDSIKESF	9.2	7.4	0.100	0.0004	9.759	0.004
6/12/1996	17:44	KRDSIKESF	18.7	8.6	0.120	0.0150	9.444	0.125
8/14/1996	15:45	KRDSIKESF	23.7	8.4	0.025	0.0029	9.286	0.115
10/2/1996	14:32	KRDSIKESF	18.5	8.5	0.150	0.0151	9.450	0.101
4/24/1996	14:43	KRDSSCTR	10.0	8.2	0.100	0.0029	9.731	0.029
6/12/1996	12:49	KRDSSCTR	19.2	8.5	0.110	0.0116	9.428	0.106
8/14/1996	11:05	KRDSSCTR	22.3	8.3	0.025	0.0021	9.330	0.085
10/2/1996	10:07	KRDSSCTR	16.7	8.0	0.260	0.0078	9.509	0.030
4/24/1996	13:35	KRDSSHR	11.8	8.1	0.100	0.0026	9.671	0.026
6/12/1996	12:10	KRDSSHR	19.4	8.5	0.090	0.0096	9.422	0.107
8/14/1996	14:15	KRDSSHR	18.7	8.9	0.025	0.0056	9.444	0.222
6/12/1996	14:40	KSD	24.9	9.5	0.170	0.1089	9.249	0.640
8/14/1996	13:15	KSD	25.5	9.3	0.050	0.0270	9.231	0.540
10/2/1996	13:50	KSD	24.5	8.2	1.600	0.1277	9.262	0.080
8/14/1996	9:25	LRBORD	21.4	7.5	0.080	0.0011	9.358	0.014
10/2/1996	13:20	LRBORD	17.7	8.7	0.290	0.0416	9.476	0.143
4/24/1996	9:50	SHRA12	11.5	8.6	0.100	0.0077	9.681	0.077
6/12/1996	4:40	SHRA12	17.5	7.4	0.050	0.0004	9.483	0.008
8/14/1996	9:30	SHRA12	20.3	7.9	0.025	0.0008	9.393	0.031
10/2/1996	8:50	SHRA12	14.5	8.0	0.180	0.0046	9.581	0.026
4/24/1996	10:40	SHRHWWY5	12.0	8.7	0.100	0.0098	9.664	0.098
6/12/1996	5:10	SHRHWWY5	17.5	7.8	0.150	0.0031	9.483	0.020
8/14/1996	10:50	SHRHWWY5	23.0	7.8	0.025	0.0008	9.308	0.030
10/2/1996	10:15	SHRHWWY5	14.7	8.0	0.240	0.0062	9.574	0.026
4/24/1996	11:10	SHRM	12.0	8.9	0.100	0.0147	9.664	0.147
6/12/1996	5:30	SHRM	17.5	7.8	0.110	0.0022	9.483	0.020

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Unionized NH3 by Site

Project: NCRWQCB 104(b) Grant			C	pH	mg/L	mg/L		
Date	Time	Site Acronym	Temp	pH	NH3-N	Union NH3	pKa	f
8/14/1996	12:15	SHRM	23.5	7.3	0.025	0.0003	9.293	0.010
10/2/1996	11:00	SHRM	15.0	8.3	0.150	0.0077	9.564	0.052
4/24/1996	10:15	SHRMGR	12.0	8.7	0.100	0.0098	9.664	0.098
8/14/1996	10:10	SHRMGR	20.4	7.6	0.080	0.0013	9.390	0.016
10/2/1996	9:50	SHRMGR	15.5	8.0	0.130	0.0036	9.548	0.028
6/12/1996	10:45	TLP3	20.1	8.8	0.200	0.0402	9.399	0.201
8/14/1996	10:43	TLP3	22.0	7.6	0.090	0.0016	9.339	0.018
10/2/1996	11:10	TLP3	15.3	7.6	2.140	0.0235	9.554	0.011
6/12/1996	11:25	TLPD	20.7	9.2	0.400	0.1591	9.380	0.398
8/14/1996	11:20	TLPD	24.8	9.8	0.170	0.1325	9.253	0.779
10/2/1996	10:45	TLPD	16.8	9.2	0.490	0.1623	9.505	0.331

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/5/1996	9:26	COPCO2	Copco Dam outflow	10.8	7.0	9.4	221	
4/17/1996	12:00	COPCO2	Copco Dam outflow	11.3	8.2	10.1	188	
4/19/1996	9:40	COPCO2	Copco Dam outflow	10.4	8.2	10.2	192	
4/24/1996	11:20	COPCO2	Copco Dam outflow	10.5	8.1	10.1	209	
5/3/1996	9:45	COPCO2	Copco Dam outflow	13.4	8.3	9.9	185	
5/8/1996	10:40	COPCO2	Copco Dam outflow	12.8	8.1	9.9	196	
5/17/1996	7:45	COPCO2	Copco Dam outflow	14.9	8.4	9.3	220	
6/7/1996	9:40	COPCO2	Copco Dam outflow	18.4	8.7	8.3	211	
6/12/1996	10:40	COPCO2	Copco Dam outflow	18.9	8.5	7.9	220	
6/28/1996	10:07	COPCO2	Copco Dam outflow	16.5	7.7	7.0	178	
7/9/1996	13:45	COPCO2	Copco Dam outflow	21.4	8.5	7.9	170	
7/12/1996	10:15	COPCO2	Copco Dam outflow	20.1	8.4	8.1	154	
7/26/1996	10:00	COPCO2	Copco Dam outflow	15.5	9.0	10.1	118	
8/9/1996	9:35	COPCO2	Copco Dam outflow	18.5	8.2	6.8	178	
8/14/1996	12:10	COPCO2	Copco Dam outflow	17.4	8.3	6.6	157	
9/6/1996	9:30	COPCO2	Copco Dam outflow		7.5	5.6	89	
9/11/1996	12:10	COPCO2	Copco Dam outflow	19.2	7.7	6.8	182	
9/19/1996	8:46	COPCO2	Copco Dam outflow	16.6	7.6	6.0	169	
9/25/1996	8:55	COPCO2	Copco Dam outflow	15.7	7.7	6.1	165	
10/11/1996	11:00	COPCO2	Copco Dam outflow	16.2	7.7	7.6	167	
10/18/1996	13:00	COPCO2	Copco Dam outflow	14.7	7.7	6.8	172	
4/5/1996	10:12	IGRO	Iron Gate Dam outflow	10.8	8.3	10.3	202	
4/19/1996	10:04	IGRO	Iron Gate Dam outflow	7.1	8.2	10.8	205	
4/24/1996	12:00	IGRO	Iron Gate Dam outflow	11.1	8.1	10.6	195	
5/17/1996	7:20	IGRO	Iron Gate Dam outflow	14.8	8.5	9.5	196	
5/31/1996	11:35	IGRO	Iron Gate Dam outflow	15.5	8.4	8.2	177	
6/7/1996	10:10	IGRO	Iron Gate Dam outflow	17.7	8.3	8.1	173	
6/12/1996	11:25	IGRO	Iron Gate Dam outflow	18.6	8.4	7.5	188	
6/28/1996	10:53	IGRO	Iron Gate Dam outflow	16.6	7.8	7.4	196	
7/9/1996	14:30	IGRO	Iron Gate Dam outflow	21.8	8.3	8.4	194	
7/12/1996	10:41	IGRO	Iron Gate Dam outflow	21.8	7.9	8.1	188	
7/26/1996	10:30	IGRO	Iron Gate Dam outflow	15.5	8.3	8.7	121	
8/9/1996	10:00	IGRO	Iron Gate Dam outflow	18.9	8.7	8.0	162	
8/14/1996	12:55	IGRO	Iron Gate Dam outflow	17.3	8.7	7.6	149	
8/23/1996	11:15	IGRO	Iron Gate Dam outflow	18.8	8.8	9.4	170	
9/6/1996	10:00	IGRO	Iron Gate Dam outflow		8.0	6.5	105	
9/11/1996	12:55	IGRO	Iron Gate Dam outflow	20.5	8.2	7.6	190	
9/19/1996	7:55	IGRO	Iron Gate Dam outflow	17.6	7.6	6.0	286	
9/25/1996	9:50	IGRO	Iron Gate Dam outflow	16.7	7.7	6.7	182	
10/11/1996	10:30	IGRO	Iron Gate Dam outflow	16.6	8.5	9.4	170	
10/18/1996	12:15	IGRO	Iron Gate Dam outflow	15.4	7.6	6.7	174	
4/24/1996	9:50	JCBORD	J Canal at stateline		8.5		432	
5/31/1996	13:20	JCBORD	J Canal at stateline	18.6	9.2	10.5	302	
6/7/1996	11:05	JCBORD	J Canal at stateline	22.6	8.0	6.5	213	
6/12/1996	12:20	JCBORD	J Canal at stateline	21.7	8.8	7.8	241	
6/28/1996	10:20	JCBORD	J Canal at stateline	16.7	8.2	7.6	263	
7/12/1996	11:25	JCBORD	J Canal at stateline	24.4	8.0	5.4	203	
7/26/1996	10:15	JCBORD	J Canal at stateline	25.1	7.3	3.3	211	
8/9/1996	10:30	JCBORD	J Canal at stateline	21.8	7.7	5.3	256	
8/14/1996	8:40	JCBORD	J Canal at stateline	22.4	7.5	4.2	249	
8/23/1996	8:15	JCBORD	J Canal at stateline	19.6	7.5	5.3	231	
9/6/1996	10:40	JCBORD	J Canal at stateline	16.5	7.7	7.3	270	
9/20/1996	10:50	JCBORD	J Canal at stateline	13.8	7.8	7.4	307	
10/2/1996	13:00	JCBORD	J Canal at stateline	17.0	7.7	5.8	320	
10/10/1996	10:40	JCBORD	J Canal at stateline	15.9	7.2	5.5	320	
10/18/1996	10:55	JCBORD	J Canal at stateline	9.7	7.5	8.8	285	

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Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/5/1996	8:20	KRBORD	Klamath River u/s Shovel Creek	9.8	8.4	9.5	226	
4/17/1996	10:40	KRBORD	Klamath River u/s Shovel Creek	10.5	8.3	9.8	208	
4/19/1996	8:45	KRBORD	Klamath River u/s Shovel Creek	8.9	8.4	10.8	222	
4/24/1996	10:00	KRBORD	Klamath River u/s Shovel Creek	10.4	8.3	10.5	234	
5/3/1996	8:50	KRBORD	Klamath River u/s Shovel Creek	13.2	8.4	9.2	192	
5/8/1996	9:20	KRBORD	Klamath River u/s Shovel Creek	12.3	8.2	10.1	216	
5/17/1996	7:50	KRBORD	Klamath River u/s Shovel Creek	15.5	8.4	9.4	280	
6/7/1996	8:50	KRBORD	Klamath River u/s Shovel Creek	17.6	8.3	8.2	236	
6/12/1996	9:35	KRBORD	Klamath River u/s Shovel Creek	17.6	8.4	8.6	265	
6/28/1996	9:15	KRBORD	Klamath River u/s Shovel Creek	14.2	8.1	9.1	146	
7/9/1996	11:30	KRBORD	Klamath River u/s Shovel Creek	20.8	8.4	9.0	166	
7/12/1996	9:30	KRBORD	Klamath River u/s Shovel Creek	19.2	8.0	8.5	173	
7/26/1996	9:10	KRBORD	Klamath River u/s Shovel Creek	14.1	8.0	9.0	148	
8/9/1996	8:40	KRBORD	Klamath River u/s Shovel Creek	16.3	7.8	8.2	158	
8/14/1996	9:55	KRBORD	Klamath River u/s Shovel Creek	13.6	8.3	8.9	125	
9/6/1996	8:42	KRBORD	Klamath River u/s Shovel Creek		7.9	8.4	101	
9/11/1996	11:00	KRBORD	Klamath River u/s Shovel Creek	17.1	8.3	10.4	174	
9/19/1996	9:50	KRBORD	Klamath River u/s Shovel Creek	14.4	8.3	9.8	152	
9/25/1996	7:45	KRBORD	Klamath River u/s Shovel Creek	12.8	7.9	9.5	182	
10/11/1996	12:00	KRBORD	Klamath River u/s Shovel Creek	14.7	8.1	9.9	170	
10/18/1996	13:45	KRBORD	Klamath River u/s Shovel Creek	11.5	8.3	9.8	154	
4/3/1996	10:07	KRDSBVCR	Klamath River d/s Beaver Creek	11.4	8.3	10.8	218	
4/5/1996	11:15	KRDSBVCR	Klamath River d/s Beaver Creek	11.0	8.4	9.8	228	
4/18/1996	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	5.4	8.3	10.6	224	
4/24/1996	15:30	KRDSBVCR	Klamath River d/s Beaver Creek	11.9	8.3	10.7	211	
5/31/1996	10:57	KRDSBVCR	Klamath River d/s Beaver Creek	14.9	8.2	10.8	205	
6/7/1996	11:08	KRDSBVCR	Klamath River d/s Beaver Creek	17.9	8.3	9.3	198	
6/12/1996	10:25	KRDSBVCR	Klamath River d/s Beaver Creek	17.1	8.3	9.3	206	
6/28/1996	10:11	KRDSBVCR	Klamath River d/s Beaver Creek	17.6	8.0	8.7	221	
7/12/1996	10:53	KRDSBVCR	Klamath River d/s Beaver Creek	23.4	8.5	8.4	219	
7/26/1996	9:40	KRDSBVCR	Klamath River d/s Beaver Creek	23.2	8.3	8.6	201	
8/9/1996	10:25	KRDSBVCR	Klamath River d/s Beaver Creek	22.0	8.4	6.9	202	
8/14/1996	9:46	KRDSBVCR	Klamath River d/s Beaver Creek	22.0	8.3	8.0	212	
8/23/1996	10:29	KRDSBVCR	Klamath River d/s Beaver Creek	20.9	8.2	8.7	216	
9/6/1996	10:50	KRDSBVCR	Klamath River d/s Beaver Creek	18.0	8.1	8.8	210	
9/20/1996	10:34	KRDSBVCR	Klamath River d/s Beaver Creek	10.8	8.2	10.5	257	
10/2/1996	9:10	KRDSBVCR	Klamath River d/s Beaver Creek	15.9	8.0	8.5	211	
10/11/1996	11:35	KRDSBVCR	Klamath River d/s Beaver Creek	15.2	8.0	9.8	206	
10/18/1996	11:23	KRDSBVCR	Klamath River d/s Beaver Creek	13.4	7.7	10.2	207	
4/5/1996	10:32	KRUSCOTCR	Klamath River u/s Cottonwood Creek	10.9	8.4	10.6	204	
4/19/1996	10:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	9.2	8.2	10.4	205	
4/24/1996	12:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	11.9	8.2	10.7	199	
5/17/1996	7:00	KRUSCOTCR	Klamath River u/s Cottonwood Creek	14.7	8.3	8.8	199	
5/31/1996	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.9	8.6	8.8	179	
6/7/1996	10:31	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.7	8.5	8.3	177	
6/12/1996	11:42	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.5	8.9	8.8	189	
6/28/1996	11:14	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.7	11.8	202	
7/9/1996	16:48	KRUSCOTCR	Klamath River u/s Cottonwood Creek	25.7	9.7	13.6	194	
7/12/1996	11:01	KRUSCOTCR	Klamath River u/s Cottonwood Creek	23.2	8.8	12.0	186	
7/26/1996	10:55	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.8	12.2	135	
8/9/1996	10:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.0	9.1	11.0	165	
8/14/1996	13:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.5	9.2	13.0	164	
8/23/1996	11:46	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.9	9.3	13.8	160	
9/6/1996	10:22	KRUSCOTCR	Klamath River u/s Cottonwood Creek		8.3	8.8	108	
9/11/1996	13:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.7	8.8	11.2	188	
9/19/1996	11:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	18.1	8.4	9.5	185	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
9/25/1996	10:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.4	8.2	8.7	181	
10/11/1996	10:00	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.6	8.2	9.4	170	
10/18/1996	11:50	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.2	8.3	10.1	171	
4/3/1996	11:52	KRDSELKCR	Klamath River d/s Elk Creek	11.3	8.2	11.2	168	
4/5/1996	13:40	KRDSELKCR	Klamath River d/s Elk Creek	11.8	8.5	10.4	183	
4/18/1996	12:20	KRDSELKCR	Klamath River d/s Elk Creek	9.7	8.5	11.4	195	
4/24/1996	13:23	KRDSELKCR	Klamath River d/s Elk Creek	10.2	8.0	11.0	132	
5/31/1996	12:14	KRDSELKCR	Klamath River d/s Elk Creek	14.8	8.1	11.4	174	
6/7/1996	13:17	KRDSELKCR	Klamath River d/s Elk Creek	18.9	8.5	9.5	157	
6/12/1996	14:55	KRDSELKCR	Klamath River d/s Elk Creek	19.5	8.7	10.6	183	
6/28/1996	12:29	KRDSELKCR	Klamath River d/s Elk Creek	19.1	8.4	10.3	221	
7/12/1996	14:10	KRDSELKCR	Klamath River d/s Elk Creek	25.7	8.7	9.0	216	
7/26/1996	11:58	KRDSELKCR	Klamath River d/s Elk Creek	24.9	8.7	9.8	212	
8/9/1996	13:15	KRDSELKCR	Klamath River d/s Elk Creek	24.0	8.8	7.7	210	
8/14/1996	13:32	KRDSELKCR	Klamath River d/s Elk Creek	24.0	8.6	9.5	217	
8/23/1996	13:15	KRDSELKCR	Klamath River d/s Elk Creek	22.7	8.6	10.3	216	
9/6/1996	13:19	KRDSELKCR	Klamath River d/s Elk Creek	19.4	8.7	10.9	217	
9/20/1996	13:57	KRDSELKCR	Klamath River d/s Elk Creek	19.0	8.4	10.6	222	
10/2/1996	12:19	KRDSELKCR	Klamath River d/s Elk Creek	18.0	8.3	9.8	219	
10/11/1996	14:44	KRDSELKCR	Klamath River d/s Elk Creek	17.4	8.8	11.6	212	
10/18/1996	14:35	KRDSELKCR	Klamath River d/s Elk Creek	13.3	8.4	11.1	208	
4/3/1996	13:09	KRDSIKESF	Klamath River at Ikes Falls	10.8	8.2	12.4	129	
4/5/1996	15:07	KRDSIKESF	Klamath River at Ikes Falls	11.3	8.2	10.6	142	
4/18/1996	13:30	KRDSIKESF	Klamath River at Ikes Falls	9.9	8.3	12.4	145	
4/24/1996	12:00	KRDSIKESF	Klamath River at Ikes Falls	9.2	7.4	12.7	79	
5/31/1996	15:29	KRDSIKESF	Klamath River at Ikes Falls	14.3	8.0	11.6	135	
6/7/1996	14:46	KRDSIKESF	Klamath River at Ikes Falls	18.5	8.4	9.6	125	
6/12/1996	17:44	KRDSIKESF	Klamath River at Ikes Falls	18.7	8.6	10.0	142	
6/28/1996	16:20	KRDSIKESF	Klamath River at Ikes Falls	19.6	8.5	10.3	179	
7/12/1996	16:49	KRDSIKESF	Klamath River at Ikes Falls	24.7	8.7	8.8	181	
7/26/1996	15:20	KRDSIKESF	Klamath River at Ikes Falls	25.2	8.6	9.4	188	
8/9/1996	16:54	KRDSIKESF	Klamath River at Ikes Falls	23.8	8.7	9.4	188	
8/14/1996	15:45	KRDSIKESF	Klamath River at Ikes Falls	23.7	8.4	8.9	195	
8/23/1996	16:20	KRDSIKESF	Klamath River at Ikes Falls	22.7	8.5	8.8	199	
9/6/1996	17:08	KRDSIKESF	Klamath River at Ikes Falls	19.8	8.6	10.0	201	
9/20/1996	16:44	KRDSIKESF	Klamath River at Ikes Falls	18.8	8.5	10.3	203	
10/2/1996	14:32	KRDSIKESF	Klamath River at Ikes Falls	18.5	8.5	9.8	204	
10/11/1996	17:16	KRDSIKESF	Klamath River at Ikes Falls	17.0	8.6	10.2	204	
10/18/1996	17:30	KRDSIKESF	Klamath River at Ikes Falls	12.9	8.2	11.0	193	
4/3/1996	10:51	KRDSSCTR	Klamath River d/s Scott River	10.9	8.3	11.0	192	
4/5/1996	12:45	KRDSSCTR	Klamath River d/s Scott River	11.3	8.4	10.5	209	
4/18/1996	11:00	KRDSSCTR	Klamath River d/s Scott River	9.9	8.5	11.1	208	
4/24/1996	14:43	KRDSSCTR	Klamath River d/s Scott River	10.0	8.2	11.1	150	
5/31/1996	11:20	KRDSSCTR	Klamath River d/s Scott River	14.8	8.2	11.0	187	
6/7/1996	11:59	KRDSSCTR	Klamath River d/s Scott River	19.2	8.4	9.9	177	
6/12/1996	12:49	KRDSSCTR	Klamath River d/s Scott River	19.2	8.5	9.8	196	
6/28/1996	11:00	KRDSSCTR	Klamath River d/s Scott River	17.5	8.2	9.5	247	
7/12/1996	11:44	KRDSSCTR	Klamath River d/s Scott River	23.4	8.4	8.7	224	
7/26/1996	10:23	KRDSSCTR	Klamath River d/s Scott River	23.0	8.2	8.6	213	
8/9/1996	11:20	KRDSSCTR	Klamath River d/s Scott River	22.3	8.4	7.0	211	
8/14/1996	11:05	KRDSSCTR	Klamath River d/s Scott River	22.3	8.3	8.2	217	
8/23/1996	11:11	KRDSSCTR	Klamath River d/s Scott River	20.7	8.2	9.0	217	
9/6/1996	11:37	KRDSSCTR	Klamath River d/s Scott River	18.7	8.3	9.2	218	
9/20/1996	11:41	KRDSSCTR	Klamath River d/s Scott River	17.6	8.1	9.5	226	
10/2/1996	10:07	KRDSSCTR	Klamath River d/s Scott River	16.7	8.0	8.5	216	
10/11/1996	12:14	KRDSSCTR	Klamath River d/s Scott River	16.1	8.2	9.7	213	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
10/18/1996	12:15	KRDSSCTR	Klamath River d/s Scott River	13.7	7.8	10.2	215	
4/5/1996	11:00	KRDSSHR	Klamath River d/s Shasta River	11.1	8.4	10.2	216	
4/19/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	10.3	8.2	10.4	214	
4/24/1996	13:35	KRDSSHR	Klamath River d/s Shasta River	11.8	8.1	10.2	209	
5/17/1996	6:30	KRDSSHR	Klamath River d/s Shasta River	14.6	8.3	8.7	209	
5/31/1996	15:30	KRDSSHR	Klamath River d/s Shasta River	18.6	8.6	8.6	211	
6/7/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	18.1	8.3	8.2	194	
6/12/1996	12:10	KRDSSHR	Klamath River d/s Shasta River	19.4	8.5	8.6	203	
6/28/1996	11:37	KRDSSHR	Klamath River d/s Shasta River	18.0	8.3	9.4	226	
7/9/1996	16:05	KRDSSHR	Klamath River d/s Shasta River	24.7	9.2	9.4	210	
7/12/1996	11:23	KRDSSHR	Klamath River d/s Shasta River	21.8	8.0	8.1	209	
7/26/1996	11:20	KRDSSHR	Klamath River d/s Shasta River	17.9	8.1	8.8	151	
8/9/1996	10:45	KRDSSHR	Klamath River d/s Shasta River	19.4	8.3	8.2	175	
8/14/1996	14:15	KRDSSHR	Klamath River d/s Shasta River	18.7	8.9	8.8	160	
8/23/1996	12:18	KRDSSHR	Klamath River d/s Shasta River	18.3	8.6	9.8	177	
9/6/1996	10:48	KRDSSHR	Klamath River d/s Shasta River		8.1	8.2	129	
9/11/1996	14:10	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.6	200	
9/19/1996	13:25	KRDSSHR	Klamath River d/s Shasta River	18.8	8.3	9.0	207	
9/25/1996	10:55	KRDSSHR	Klamath River d/s Shasta River	15.8	8.1	8.0	204	
10/11/1996	13:30	KRDSSHR	Klamath River d/s Shasta River	16.9	8.1	9.8	193	
10/18/1996	10:45	KRDSSHR	Klamath River d/s Shasta River	14.3	7.8	8.7	198	
4/24/1996	12:45	KSD	Klamath Straits Drain at stateline		9.0		920	
5/31/1996	15:35	KSD	Klamath Straits Drain at stateline	19.8	9.0	10.0	913	
6/7/1996	13:20	KSD	Klamath Straits Drain at stateline	26.1	9.2	12.6	1234	
6/12/1996	14:40	KSD	Klamath Straits Drain at stateline	24.9	9.5	15.0	1419	
6/28/1996	9:15	KSD	Klamath Straits Drain at stateline	16.5	9.4	6.8	1124	
7/12/1996	12:30	KSD	Klamath Straits Drain at stateline	27.6	9.7	9.5	795	
7/26/1996	12:10	KSD	Klamath Straits Drain at stateline	27.3	8.9	5.2	1489	
8/9/1996	12:25	KSD	Klamath Straits Drain at stateline	24.4	9.6	9.8	569	
8/14/1996	13:15	KSD	Klamath Straits Drain at stateline	25.5	9.3	9.1	893	
8/23/1996	10:50	KSD	Klamath Straits Drain at stateline	20.0	9.1	3.0	1064	
9/6/1996	13:20	KSD	Klamath Straits Drain at stateline	21.6	8.4	7.3	731	
9/20/1996	12:35	KSD	Klamath Straits Drain at stateline	18.9	9.2	12.8	645	
10/2/1996	13:50	KSD	Klamath Straits Drain at stateline	24.5	8.2	9.3	539	
10/10/1996	12:30	KSD	Klamath Straits Drain at stateline	15.3	7.7	6.4	596	
10/18/1996	12:20	KSD	Klamath Straits Drain at stateline	9.6	7.9	8.1	593	
4/24/1996	10:15	LRBORD	Lost River at stateline		8.2		322	
5/31/1996	13:00	LRBORD	Lost River at stateline	19.2	9.4	13.8	327	
6/7/1996	10:45	LRBORD	Lost River at stateline	22.0	8.6	9.1	185	
6/12/1996	12:05	LRBORD	Lost River at stateline	20.8	8.9	10.3	204	
6/28/1996	9:50	LRBORD	Lost River at stateline	16.0	7.7	6.7	233	
7/12/1996	10:45	LRBORD	Lost River at stateline	23.3	8.3	6.4	166	
7/26/1996	11:00	LRBORD	Lost River at stateline	24.0	7.6	6.5	204	
8/9/1996	11:00	LRBORD	Lost River at stateline	21.0	7.9	7.8	237	
8/14/1996	9:25	LRBORD	Lost River at stateline	21.4	7.5	5.6	199	
8/23/1996	8:40	LRBORD	Lost River at stateline	18.2	7.4	4.6	228	
9/6/1996	10:10	LRBORD	Lost River at stateline	14.8	8.1	9.8	226	
9/20/1996	11:15	LRBORD	Lost River at stateline	14.8	8.6	11.5	228	
10/2/1996	13:20	LRBORD	Lost River at stateline	17.7	8.7	15.6	259	
10/10/1996	11:20	LRBORD	Lost River at stateline	16.1	7.5	8.0	315	
10/18/1996	11:20	LRBORD	Lost River at stateline	8.6	7.9	9.2	341	
4/24/1996	9:50	SHRA12	Shasta River at A-12	11.5	8.6	8.4	395	
5/8/1996	15:40	SHRA12	Shasta River at A-12	15.8	8.4	10.8	451	
6/12/1996	4:40	SHRA12	Shasta River at A-12	17.5	7.4	6.9		
8/14/1996	9:30	SHRA12	Shasta River at A-12	20.3	7.9	7.6	474	
10/2/1996	8:50	SHRA12	Shasta River at A-12	14.5	8.0	8.0		

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/24/1996	10:40	SHRHWD5	Shasta River d/s Hwy 5	12.0	8.7	9.8	430	
5/8/1996	12:56	SHRHWD5	Shasta River d/s Hwy 5	15.2	8.7	11.8	516	
6/12/1996	5:10	SHRHWD5	Shasta River d/s Hwy 5	17.5	7.8	6.4		
8/14/1996	10:50	SHRHWD5	Shasta River d/s Hwy 5	23.0	7.8	8.8	597	
10/2/1996	10:15	SHRHWD5	Shasta River d/s Hwy 5	14.7	8.0	8.6		
4/24/1996	11:10	SHRM	Shasta River at mouth	12.0	8.9	10.2	375	
6/12/1996	5:30	SHRM	Shasta River at mouth	17.5	7.8	8.2		
8/14/1996	12:15	SHRM	Shasta River at mouth	23.5	7.3	8.4	588	
10/2/1996	11:00	SHRM	Shasta River at mouth	15.0	8.3	9.0		
4/24/1996	10:15	SHRMGR	Shasta River at Mont Gren Road	12.0	8.7	9.8	435	
6/12/1996	4:55	SHRMGR	Shasta River at Mont Gren Road	17.5	7.5	6.2		
8/14/1996	10:10	SHRMGR	Shasta River at Mont Gren Road	20.4	7.6	7.6	567	
10/2/1996	9:50	SHRMGR	Shasta River at Mont Gren Road	15.5	8.0	8.7		
4/24/1996	10:30	TLP3	Tule Lake Pump 3 (in)		9.0		877	
5/31/1996	11:50	TLP3	Tule Lake Pump 3 (in)	19.5	9.4	17.4	481	
6/7/1996	10:05	TLP3	Tule Lake Pump 3 (in)	20.9	8.4	8.1	482	
6/12/1996	10:45	TLP3	Tule Lake Pump 3 (in)	20.1	8.8	10.8	337	
6/28/1996	12:50	TLP3	Tule Lake Pump 3 (in)	17.6	8.5	10.2	347	
7/12/1996	9:55	TLP3	Tule Lake Pump 3 (in)	23.0	7.9	5.6	319	
7/26/1996	9:25	TLP3	Tule Lake Pump 3 (in)	23.6	7.2	5.3	384	
8/9/1996	9:30	TLP3	Tule Lake Pump 3 (in)	20.3	7.3	3.1	340	
8/14/1996	10:43	TLP3	Tule Lake Pump 3 (in)	22.0	7.6	4.2	351	
8/23/1996	9:30	TLP3	Tule Lake Pump 3 (in)	18.3	7.4	2.1	326	
9/6/1996	9:25	TLP3	Tule Lake Pump 3 (in)	14.6	7.9	4.9	260	
9/20/1996	10:05	TLP3	Tule Lake Pump 3 (in)	12.9	7.9	7.2	363	
10/2/1996	11:10	TLP3	Tule Lake Pump 3 (in)	15.3	7.6	5.4	633	
10/10/1996	9:45	TLP3	Tule Lake Pump 3 (in)	13.5	7.4	6.3	420	
10/18/1996	9:55	TLP3	Tule Lake Pump 3 (in)	6.9	7.9	8.3	503	
4/24/1996	10:45	TLPD	Tule Lake Pump D (out)		7.9		336	
5/31/1996	12:20	TLPD	Tule Lake Pump D (out)	17.3	8.7	7.7	882	
6/7/1996	9:40	TLPD	Tule Lake Pump D (out)	19.6	8.7	5.9	870	
6/12/1996	11:25	TLPD	Tule Lake Pump D (out)	20.7	9.2	13.0	874	
6/28/1996	12:20	TLPD	Tule Lake Pump D (out)	16.7	9.8	8.4	594	
7/12/1996	9:10	TLPD	Tule Lake Pump D (out)	22.4	10.0	6.4	487	
7/26/1996	8:45	TLPD	Tule Lake Pump D (out)	25.0	9.7	7.2	393	
8/9/1996	9:00	TLPD	Tule Lake Pump D (out)	20.3	9.9	9.4	560	
8/14/1996	11:20	TLPD	Tule Lake Pump D (out)	24.8	9.8	9.3	488	
8/23/1996	9:00	TLPD	Tule Lake Pump D (out)	19.4	9.8	8.4	492	
9/6/1996	8:55	TLPD	Tule Lake Pump D (out)	14.2	9.6	7.0	565	
9/20/1996	9:40	TLPD	Tule Lake Pump D (out)	12.8	9.5	8.8	780	
10/2/1996	10:45	TLPD	Tule Lake Pump D (out)	16.8	9.2	7.4	570	
10/10/1996	9:20	TLPD	Tule Lake Pump D (out)	16.2	8.9	6.4	525	
10/18/1996	9:30	TLPD	Tule Lake Pump D (out)	7.4	8.9	8.8	668	

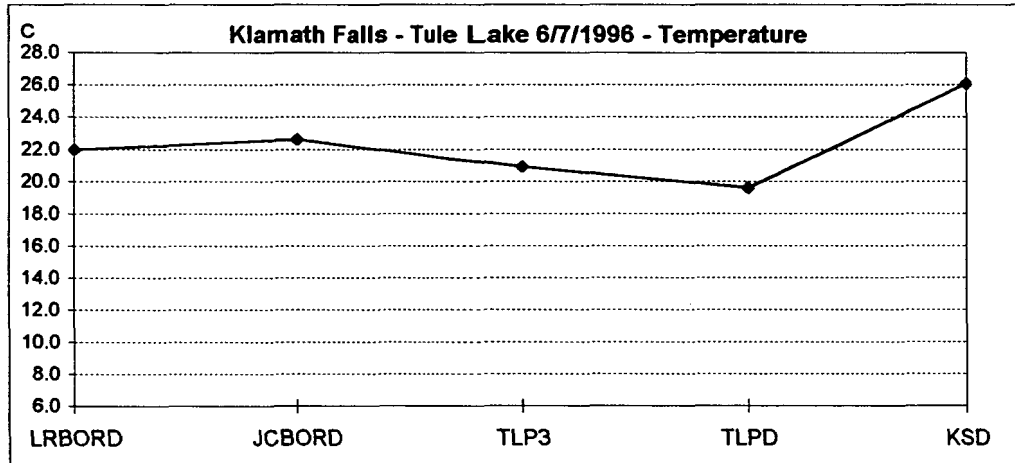
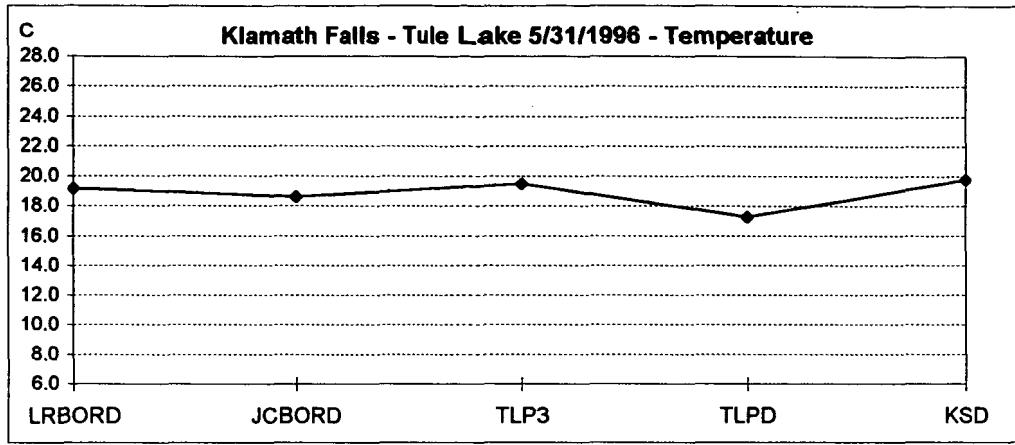
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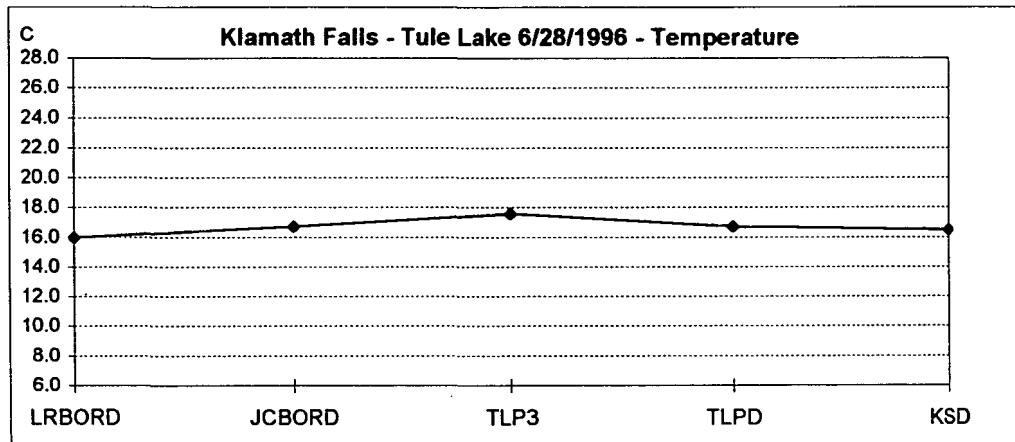
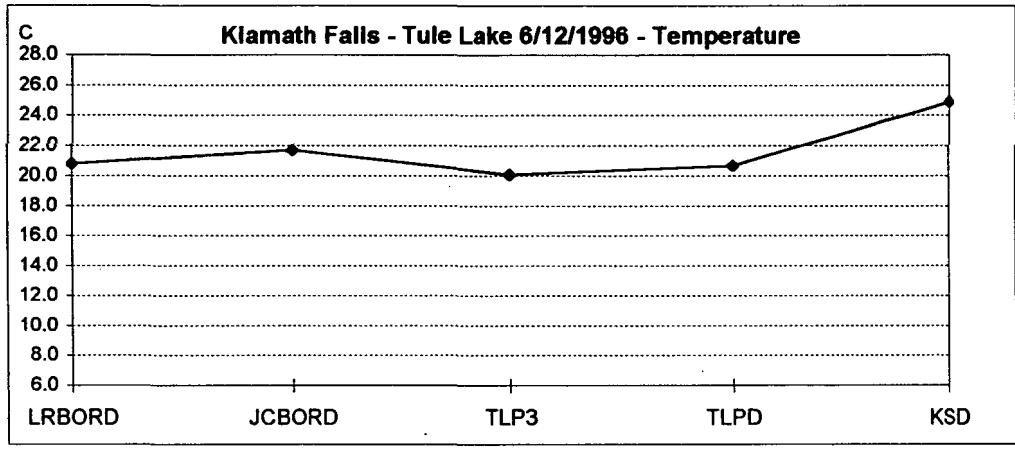
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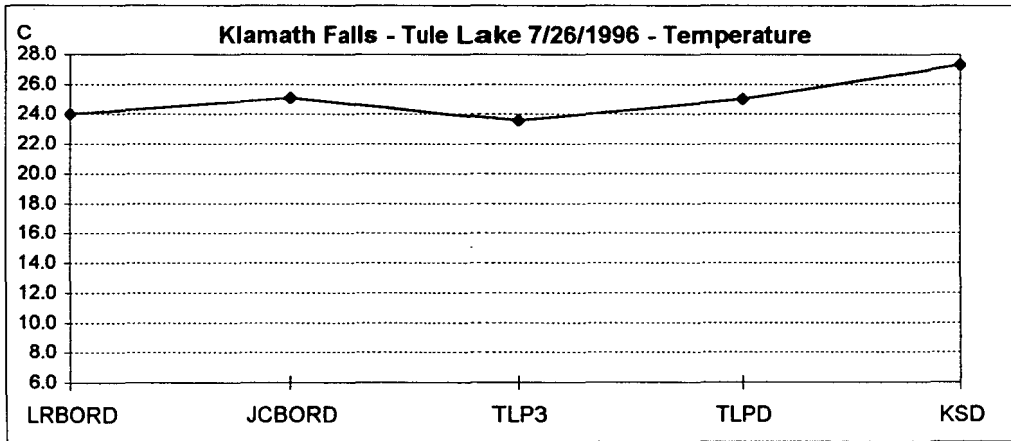
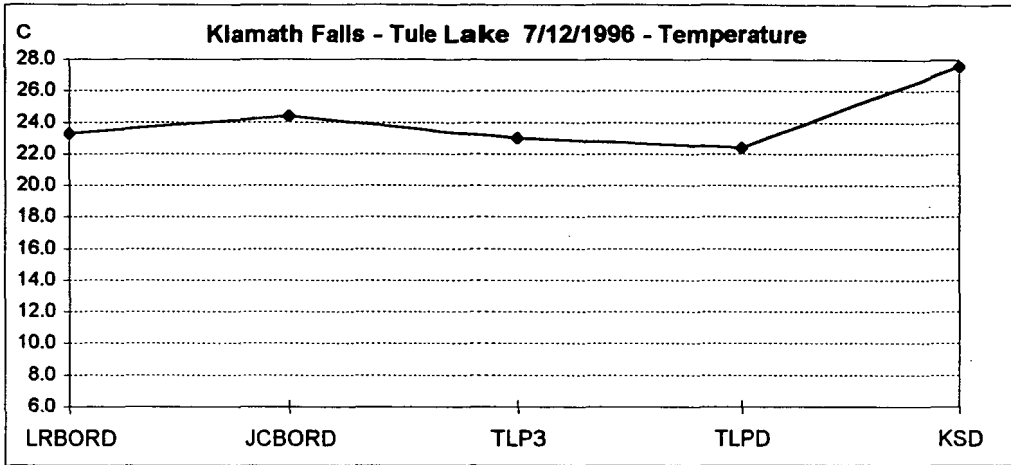
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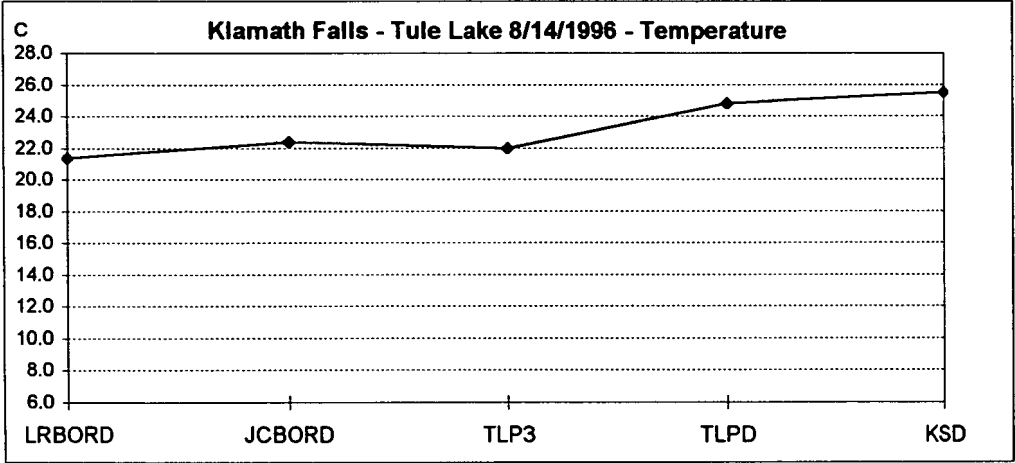
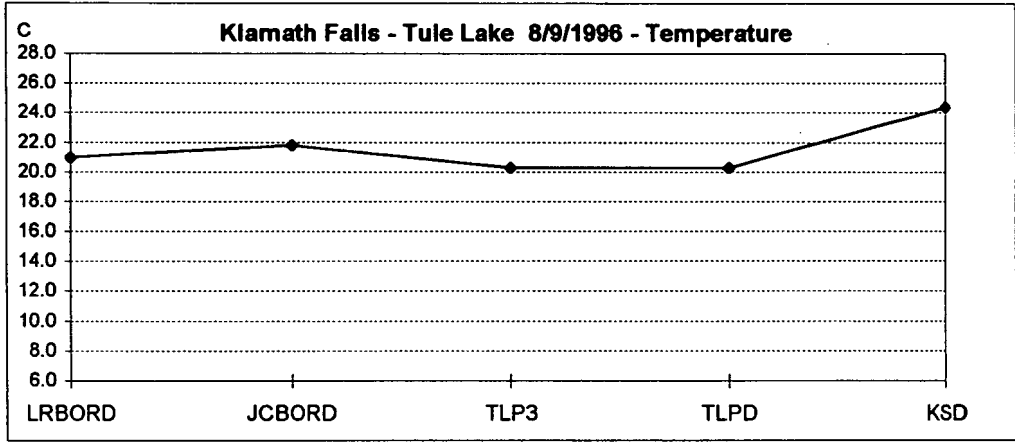
Project: NCRWCB 104(b) Grant		Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos	pKa	f	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	umhos	ug/L				
Date	Time	Site	Acronym	Temp	pH	DO	Cond			Union N+3	NH3-N	NH3-D	NO3-D	TKN-T	TKN-D	P-T	P-D	COD	BOD	TSS	TDS	Na	Cl	SO4	Cond lab	Chr A
4/24/1996	9:50	JCBORD	J Canal at statione	18.8	9.2	10.5	302	0.447	0.361																	
4/24/1996	12:45	KSD	Klamath Straits Drain at statione	19.8	9.0	10.0	913	0.409	0.281																	
4/24/1996	10:15	LRBORD	Lost River at statione	19.2	9.4	13.8	327	0.428	0.484																	
4/24/1996	10:30	TLP3	Tule Lake Pump 3 (in)	19.5	9.4	17.4	481	0.418	0.489																	
4/24/1996	10:45	TLPD	Tule Lake Pump D (out)	17.3	8.7	7.7	882	0.489	0.140																	
5/31/1996	13:20	JCBORD	J Canal at statione	22.6	8.0	6.5	213	0.321	0.048																	
5/31/1996	15:35	KSD	Klamath Straits Drain at statione	26.1	9.2	12.6	1234	0.213	0.493																	
5/31/1996	13:00	LRBORD	Lost River at statione	22.0	8.6	9.1	185	0.339	0.154																	
5/31/1996	11:50	TLP3	Tule Lake Pump 3 (in)	20.9	8.4	8.1	482	0.374	0.096																	
5/31/1996	12:20	TLPD	Tule Lake Pump D (out)	19.6	8.7	5.9	870	0.415	0.162																	
8/12/1996	12:20	JCBORD	J Canal at statione	21.7	8.8	7.8	241	0.349	0.220	0.0308	0.140	0.110	0.040	1.020	0.830	0.2600	0.1900	24.0	3.0	1.5	138					
8/12/1996	14:40	KSD	Klamath Straits Drain at statione	24.9	9.5	15.0	1419	0.249	0.640	0.1089	0.170	0.170	0.050	4.000	3.710	0.5500	0.4800	110.0	3.0	11.0	1070					
8/12/1996	12:05	LRBORD	Lost River at statione	20.8	8.9	10.3	204	0.377	0.250																	
8/12/1996	10:45	TLP3	Tule Lake Pump 3 (in)	20.1	8.8	10.8	337	0.399	0.201	0.0402	0.200	0.200	0.220	1.270	0.940	0.4200	0.3200	22.0	3.0	5.0	217					
8/12/1996	11:25	TLPD	Tule Lake Pump D (out)	20.7	9.2	13.0	874	0.380	0.398	0.1591	0.400	0.390	0.040	2.490	2.130	0.3800	0.2400	54.0	4.0	7.0	640					
8/28/1996	10:20	JCBORD	J Canal at statione	18.7	8.2	7.8	293	0.509	0.047																	
8/28/1996	9:15	KSD	Klamath Straits Drain at statione	18.5	9.4	6.8	1124	0.515	0.434																	
8/28/1996	9:50	LRBORD	Lost River at statione	18.0	7.7	6.7	233	0.531	0.015																	
8/28/1996	12:50	TLP3	Tule Lake Pump 3 (in)	17.8	8.5	10.2	347	0.479	0.095																	
8/28/1996	12:20	TLPD	Tule Lake Pump D (out)	18.7	9.8	8.4	594	0.509	0.662																	
7/12/1996	11:25	JCBORD	J Canal at statione	24.4	8.0	5.4	203	0.285	0.052																	
7/12/1996	12:30	KSD	Klamath Straits Drain at statione	27.6	9.7	9.5	795	0.167	0.773																	
7/12/1996	10:45	LRBORD	Lost River at statione	23.3	8.3	6.4	186	0.299	0.091																	
7/12/1996	9:55	TLP3	Tule Lake Pump 3 (in)	23.0	7.9	5.6	319	0.308	0.038																	
7/12/1996	9:10	TLPD	Tule Lake Pump D (out)	22.4	10.0	6.4	487	0.327	0.825																	
7/28/1996	10:15	JCBORD	J Canal at statione	25.1	7.3	3.3	211	0.243	0.011																	
7/28/1996	12:10	KSD	Klamath Straits Drain at statione	27.3	8.9	5.2	1489	0.176	0.348																	
7/28/1996	11:00	LRBORD	Lost River at statione	24.0	7.6	6.5	204	0.277	0.021																	
7/28/1996	9:25	TLP3	Tule Lake Pump 3 (in)	23.6	7.2	5.3	384	0.290	0.008																	
7/28/1996	8:45	TLPD	Tule Lake Pump D (out)	25.0	9.7	7.2	393	0.248	0.740																	
8/9/1996	10:30	JCBORD	J Canal at statione	21.8	7.7	5.3	256	0.348	0.022																	
8/9/1996	12:25	KSD	Klamath Straits Drain at statione	24.4	9.8	9.8	569	0.285	0.684																	
8/9/1996	11:00	LRBORD	Lost River at statione	21.0	7.9	7.8	237	0.371	0.033																	
8/9/1996	9:30	TLP3	Tule Lake Pump 3 (in)	20.3	7.3	3.1	340	0.393	0.008																	
8/9/1996	9:00	TLPD	Tule Lake Pump D (out)	20.3	9.9	9.4	580	0.393	0.783																	
8/14/1996	8:40	JCBORD	J Canal at statione	22.4	7.5	4.2	249	0.327	0.015	0.0012	0.080	0.070	0.540	1.260	1.220	0.4100	0.3700	28.0	1.5	6.0						
8/14/1996	13:15	KSD	Klamath Straits Drain at statione	25.5	9.3	9.1	893	0.231	0.540	0.0270	0.050	0.050	0.080	0.200	0.200	0.0500	0.0500	3.5	1.5	1.5						
8/14/1996	9:25	LRBORD	Lost River at statione	21.4	7.5	5.6	199	0.358	0.014	0.0011	0.080	0.070	0.680	1.450	1.100	0.3500	0.3500	27.0	1.5	10.0						
8/14/1996	10:43	TLP3	Tule Lake Pump 3 (in)	22.0	7.8	4.2	351	0.339	0.018	0.0018	0.090	0.070	0.040	2.820	1.500	0.5400	0.4400	44.0	7.0	23.0						
8/14/1996	11:20	TLPD	Tule Lake Pump D (out)	24.8	9.8	9.3	488	0.253	0.779	0.1325	0.170	0.150	0.390	1.230	1.230	0.8000	0.6400	28.0	5.0	10.0						
8/23/1996	8:15	JCBORD	J Canal at statione	19.6	7.5	5.3	231	0.415	0.012																	
8/23/1996	10:50	KSD	Klamath Straits Drain at statione	20.0	9.1	3.0	1064	0.403	0.333																	
8/23/1996	8:40	LRBORD	Lost River at statione	18.2	7.4	4.6	228	0.480	0.009																	
8/23/1996	9:30	TLP3	Tule Lake Pump 3 (in)	18.3	7.4	2.1	326	0.457	0.009																	
8/23/1996	9:00	TLPD	Tule Lake Pump D (out)	19.4	9.8	8.4	492	0.422	0.705																	
9/8/1996	10:40	JCBORD	J Canal at statione	16.5	7.7	7.3	270	0.515	0.015																	
9/8/1996	13:20	KSD	Klamath Straits Drain at statione	21.6	8.4	7.3	731	0.352	0.100																	
9/8/1996	10:10	LRBORD	Lost River at statione	14.8	8.1	9.8	228	0.571	0.033																	
9/8/1996	9:25	TLP3	Tule Lake Pump 3 (in)	14.6	7.9	4.9	280	0.577	0.021																	
9/8/1996	8:55	TLPD	Tule Lake Pump D (out)	14.2	9.8	7.0	565	0.591	0.505																	
9/20/1996	10:50	JCBORD	J Canal at statione	13.8	7.8	7.4	307	0.804	0.015																	
9/20/1996	12:35	KSD	Klamath Straits Drain at statione	18.9	9.2	12.8	645	0.438	0.367																	
9/20/1996	11:15	LRBORD	Lost River at statione	14.8	8.8	11.5	228	0.571	0.087																	
9/20/1996	10:05	TLP3	Tule Lake Pump 3 (in)	12.9	7.9	7.2	363	0.834	0.018																	
9/20/1996	9:40	TLPD	Tule Lake Pump D (out)	12.8	9.5	8.8	780	0.837	0.422																	
10/2/1996	13:00	JCBORD	J Canal at statione	17.0	7.7	5.8	320	0.499	0.016	0.0048	0.310	0.310	0.430	1.610	1.290	0.7500	0.6400	17.0	5.0	1.5						
10/2/1996	13:50	KSD	Klamath Straits Drain at statione	24.5	8.2	9.3	539	0.262	0.080	0.1277	1.600	1.370	0.040	3.970	2.880	2.0200	0.7900	72.0	7.0	116.0						
10/2/1996	13:20	LRBORD	Lost River at statione	17.7	8.7	15.6	259	0.476	0.143	0.0416	0.290	0.260	0.680	1.330	1.250	0.8100	0.6900	24.0	5.0	2.0						
10/2/1996	11:10	TLP3	Tule Lake Pump 3 (in)	15.3	7.6	5.4	633	0.554	0.011	0.0235	2.140	1.980	0.430	3.330	2.830	1.0400	0.8100	38.0	4.0	24.0						
10/2/1996	10:45	TLPD	Tule Lake Pump D (out)	16.8	9.2	7.4	570	0.505	0.331	0.1623	0.490	0.360	0.040	2.810	1.920	0.9900	0.6900	68.0	8.0	16.0						
10/10/1996	10:40	JCBORD	J Canal at statione	15.9	7.2	5.5	320	0.535	0.005																	
10/10/1996	12:30	KSD	Klamath Straits Drain at statione	15.3	7.7	6.4	598	0.554	0.014																	
10/10/1996	11:20	LRBORD	Lost River at statione	16.1	7.5	8.0	315	0.528	0.009																	
10/10/1996	9:45	TLP3	Tule Lake Pump 3 (in)	13.5	7.4	6.3	420	0.614	0.006																	
10/10/1996	9:20	TLPD	Tule Lake Pump D (out)	16.2	8.9	6.4	525	0.525	0.182																	
10/18/1996	10:55	JCBORD																								

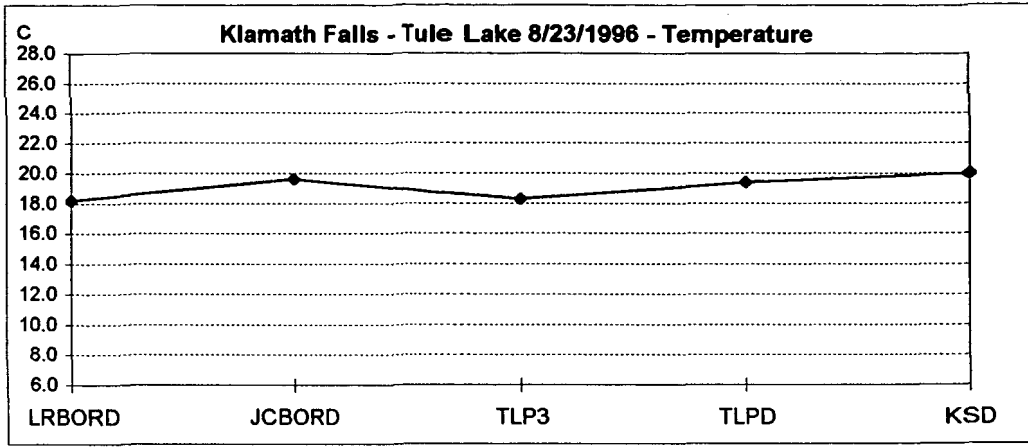
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\ Lost River Data
96 Temp Graphs tab

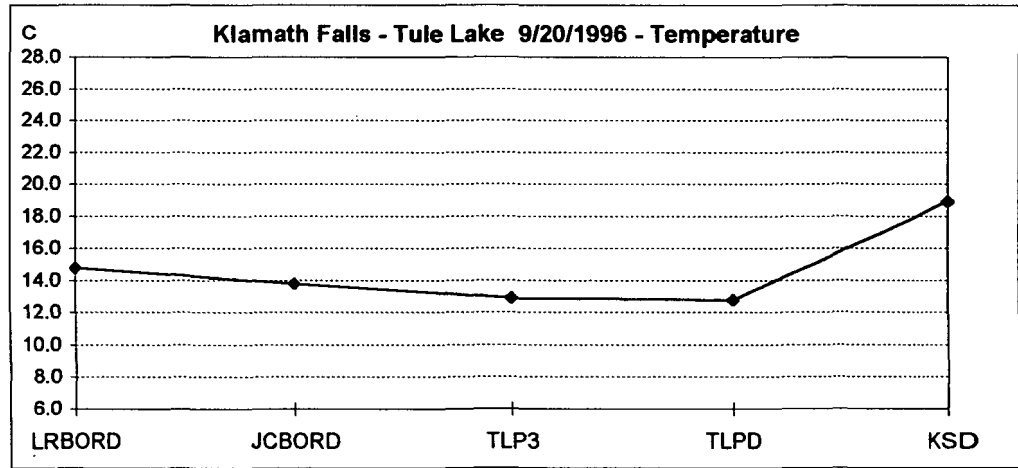
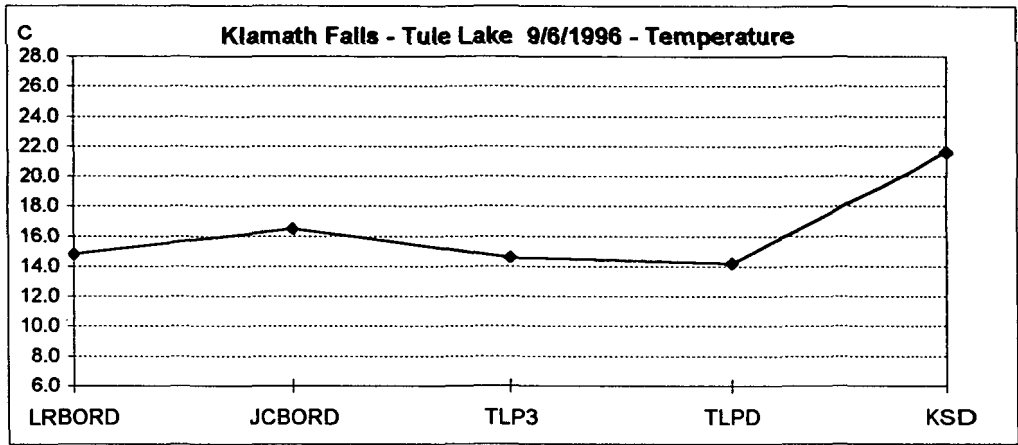


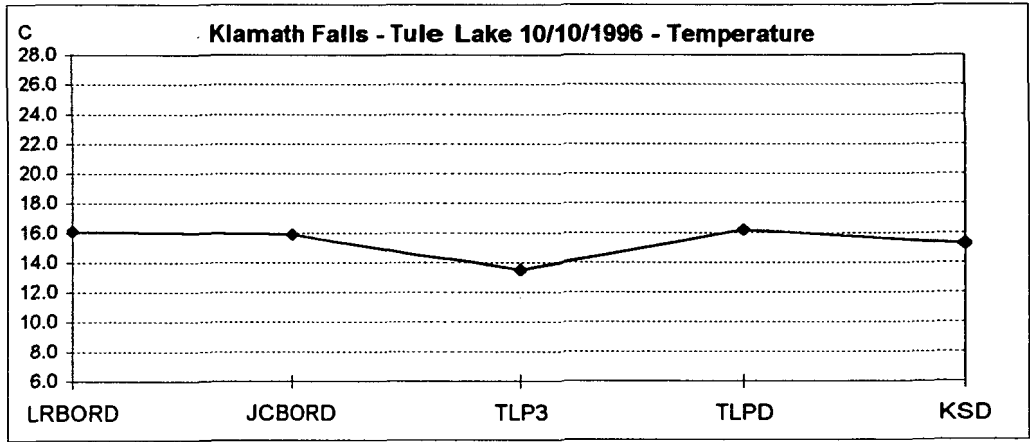
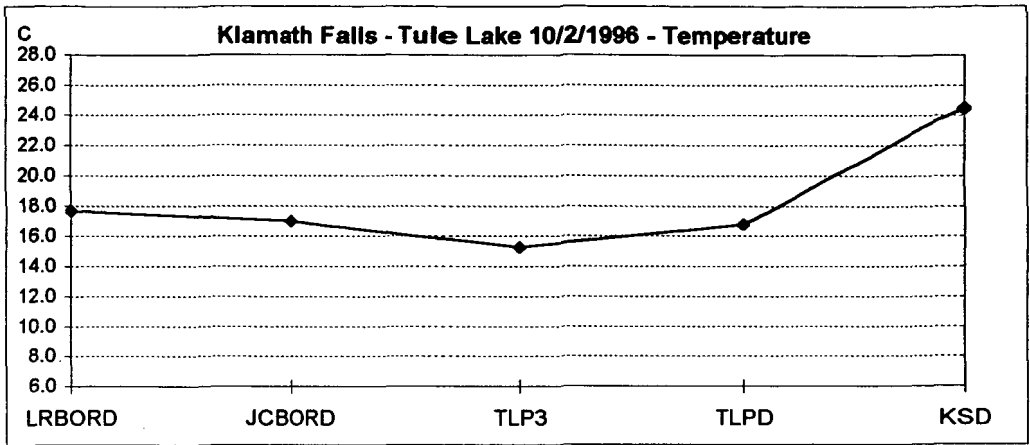


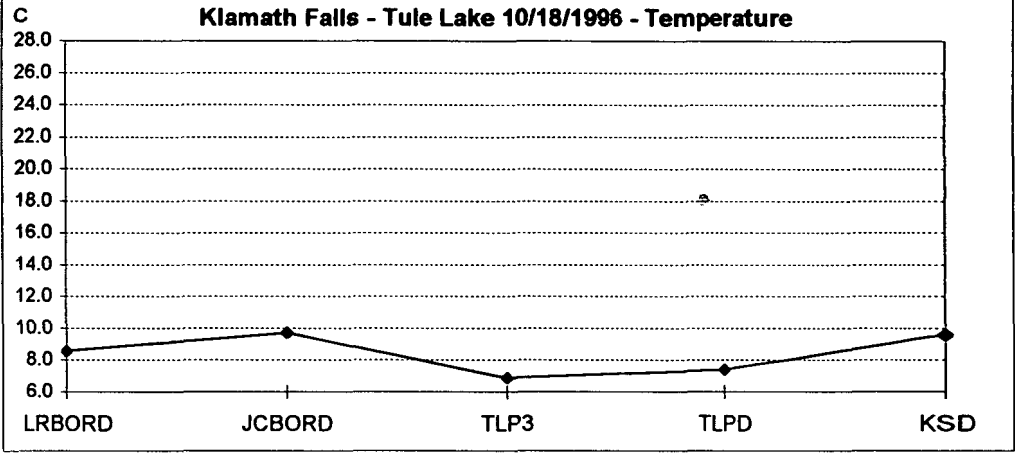


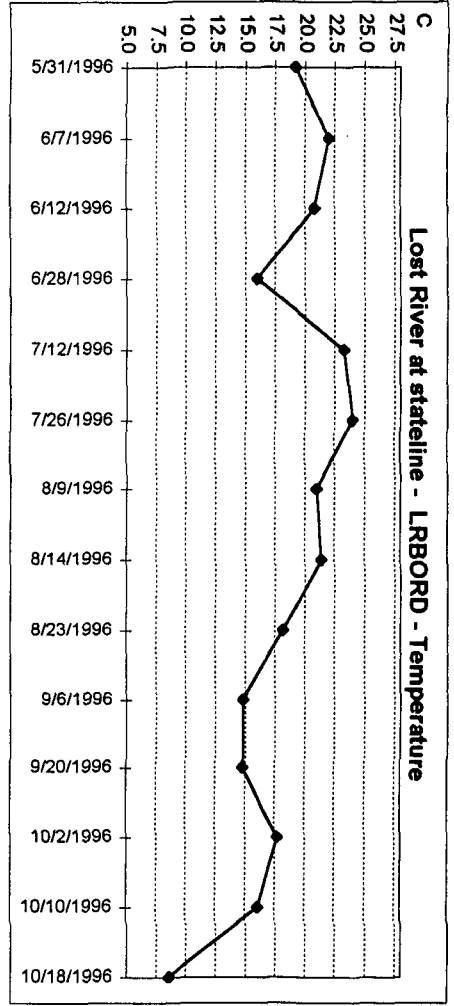
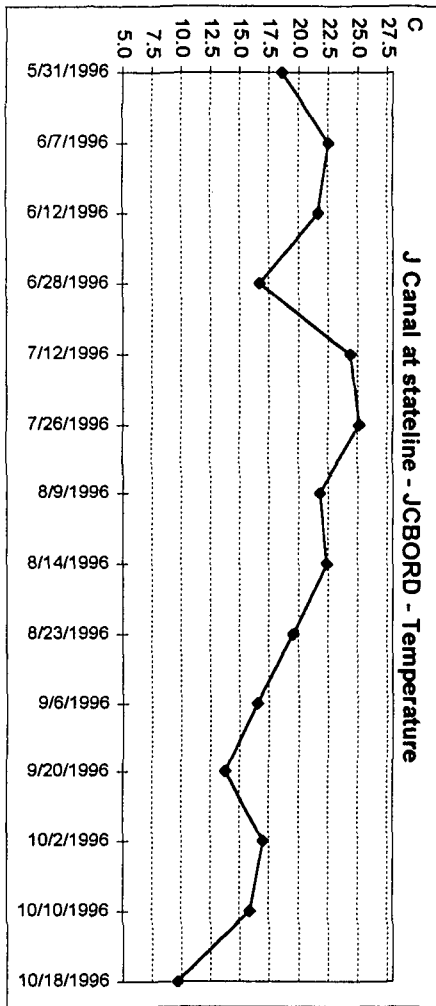


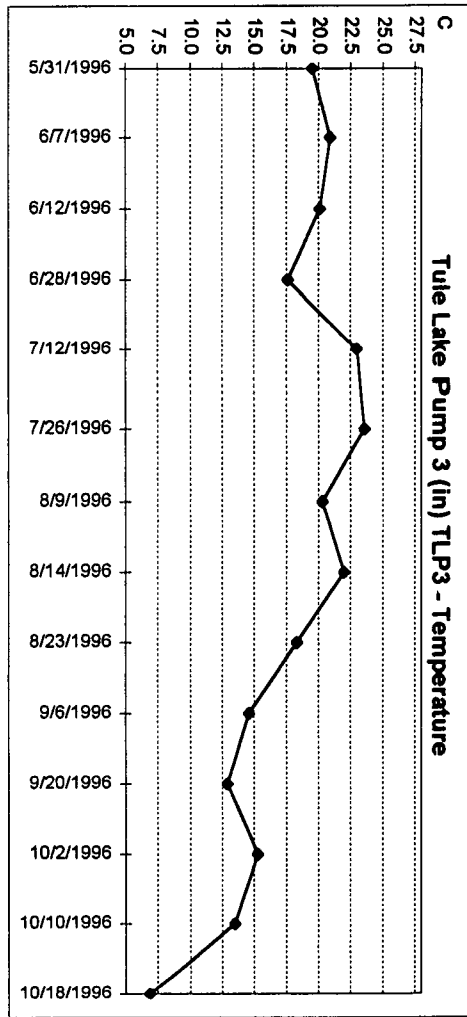


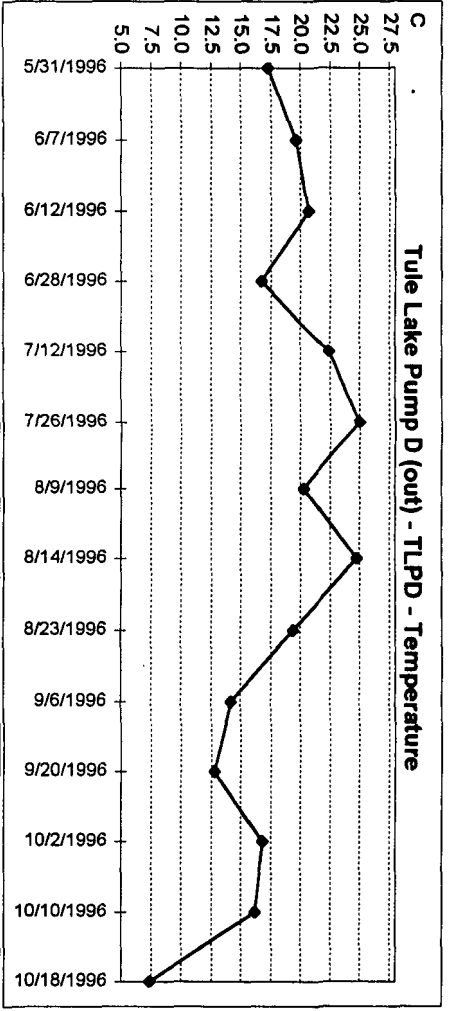
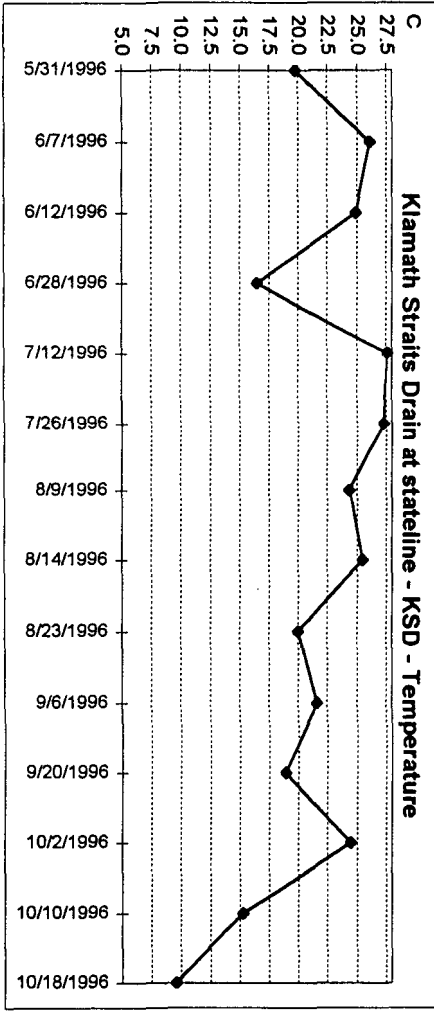


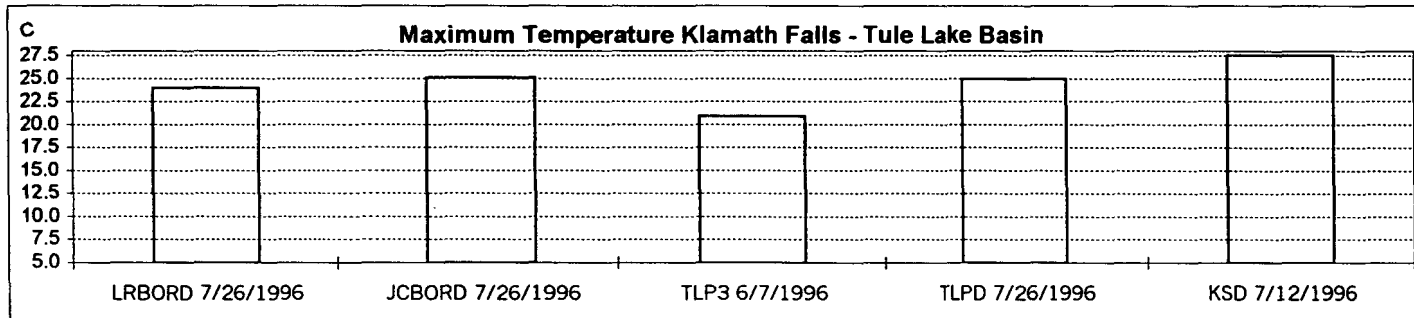


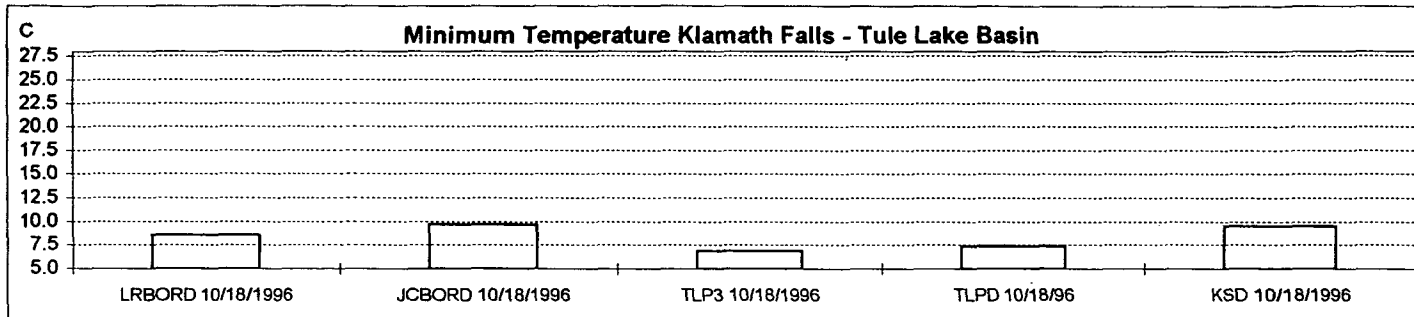


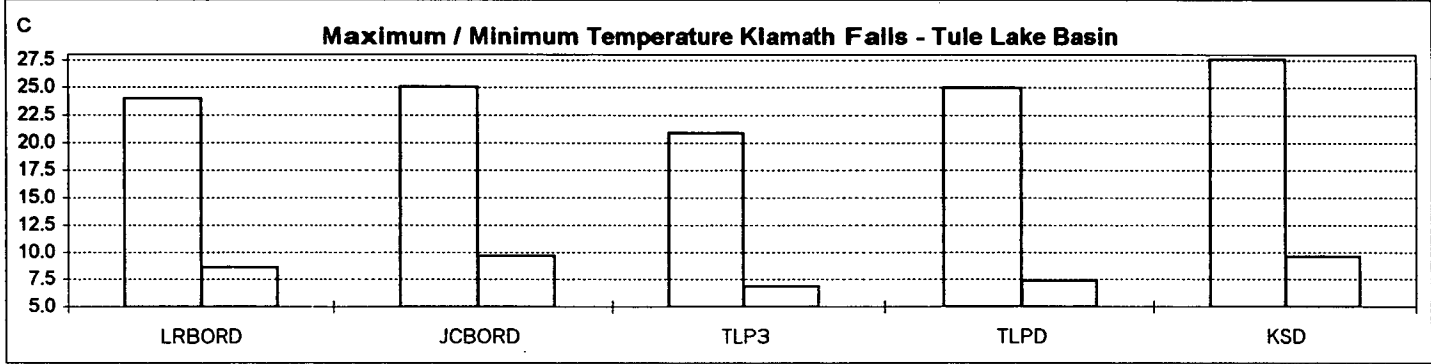












1997 Klamath Basin Field Data

Project	NCRWQCB 104(b) Grant	Author	Timothy Mahan 12/14/1997	C	pH	mg/L	umhos		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	umhos/cm	mg/L	mg/L	mg/L	ug/L	mgCaCO3/L		
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	pKa	f	Union NH3	BOD	COD	NH3-N	NH3-D	NO3-D	TKN-T	TKN-D	P-T	P-D	TSS	TDS	Cond lab	Cl	SO4	Na	Chl A	Alkalinity
6/5/1997	12:00	JCBORD	J Canal at stateline	17.9	9.0	10.8	242	9.473	0.252																		
6/5/1997	11:30	LRBORD	Lost River at stateline	16.5	8.6	10.4	265	9.515	0.162																		
6/5/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	7.9	5.6	409	9.509	0.024																		
6/5/1997	10:30	TLPD	Tule Lake Pump D (out)	15.1	9.5	8.6	583	9.561	0.465																		
6/5/1997	13:40	KSD	Klamath Straits Drain at stateline	20.0	8.7	8.5	1263	9.403	0.166																		
6/5/1997	14:36	SHRA12	Shasta River at A-12	18.3	8.3	9.7	503	9.457	0.065																		
6/5/1997	14:14	SHRMGR	Shasta River at Mont Gren Road	19.3	8.4	9.2	602	9.425	0.086																		
6/5/1997	13:52	SHRHWW5	Shasta River d/s Hwy 5	18.5	8.3	6.7	615	9.450	0.066																		
6/5/1997	13:29	SHRM	Shasta River at mouth	20.0	8.6	9.0	610	9.403	0.136																		
6/18/1997	12:20	JCBORD	J Canal at stateline	20.7	8.9	7.0	244	9.380	0.249	0.0249	6.1	41.0	0.100	0.100	0.050	2.300	0.500	0.3000	0.1800	19.0							
6/18/1997	13:00	LRBORD	Lost River at stateline	20.6	8.3	6.7	218	9.384	0.076	0.0290	9.4	38.0	0.380	0.350	0.270	4.500	1.300	0.3000	0.1800	1.0							
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	21.3	8.9	11.2	448	9.361	0.257	0.0257	2.5	26.0	0.100	0.100	0.360	1.500	1.400	0.3800	0.3600	2.4							
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	20.1	10.1	7.6	657	9.399	0.834	0.0834	2.5	51.0	0.100	0.100	0.050	2.200	1.300	0.2600	0.1600	6.2							
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	23.2	9.5	7.6	933	9.302	0.612	0.0612	2.5	83.0	0.100	0.100	0.050	3.500	2.900	0.4500	0.3700	12.0							
6/18/1997	n/a	BDOCK																									2.5
6/18/1997	10:40	IGRO	Iron Gate Dam outflow	19.5	8.0	8.6	196	9.418	0.037	0.0037	2.5	12.0	0.100	0.100	0.130	0.500	0.500	0.1600	0.1500	0.5	170	190	3.80	18.00	17.00	6.0	
6/18/1997	11:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.3	9.1	12.8	189	9.361	0.354	0.0354	2.5	16.0	0.100	0.100	0.050	0.500	0.500	0.1600	0.1500	2.0	180	190	3.80	18.00	17.00	8.0	
6/18/1997	12:15	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.5	228	9.371	0.119	0.0119	2.5	12.0	0.100	0.100	0.050	0.500	0.500	0.1600	0.1400	2.8	140	210	5.10	17.00	18.00	2.5	
6/18/1997	8:25	KRBORD	Klamath River u/s Shovel Creek	17.4	8.1	8.6	237	9.486	0.040	0.0040	2.5	22.0	0.100	0.100	0.500	2.000	0.500	0.1600	0.1400	2.2	200	230	4.60	30.00	22.00	2.5	
6/18/1997	9:45	COPCO2	Copco Dam outflow	19.4	8.4	8.11	220	9.422	0.087	0.0087	2.5	18.0	0.100	0.200	0.100	1.100	1.000	0.1600	0.1500	0.5	180	210	4.40	24.00	20.00	7.0	
6/18/1997	15:40	SHRA12	Shasta River at A-12	22.3	8.3	10.4	494	9.330	0.085	0.0085	2.5	9.9	0.100	0.100	0.050	0.500	0.500	0.2100	0.2100	6.6							2.5
6/18/1997	14:55	SHRMGR	Shasta River at Mont Gren Road	23.4	8.3	9.4	543	9.296	0.092	0.0092	2.5	16.0	0.100	0.100	0.050	0.500	0.500	0.2300	0.2100	5.0							2.5
6/18/1997	13:55	SHRHWW5	Shasta River d/s Hwy 5	22.5	8.3	9.7	586	9.324	0.086	0.0086	2.5	18.0	0.100	0.100	0.050	0.500	0.500	0.2300	0.2300	7.0							2.5
6/18/1997	13:10	SHRM	Shasta River at mouth	23.5	8.7	9.3	551	9.293	0.203	0.0203	2.5	14.0	0.100	0.100	0.050	1.000	0.500	0.2600	0.2400	0.5							2.5
6/18/1997	10:36	KRDSBVCRCR	Klamath River d/s Beaver Creek	18.9	8.5	9.2	229	9.438	0.103	0.0103	2.5	12.0	0.100	0.100	0.050	0.500	0.500	0.1500	0.1400	2.2	140	230	5.50	16.00	16.00	2.5	
6/18/1997	11:17	KRDSSCTR	Klamath River d/s Scott River	19.6	8.5	9.1	224	9.415	0.108	0.0108	2.5	9.9	0.100	0.100	0.050	0.500	0.500	0.1200	0.1200	1.8	150	220	5.30	14.00	14.00	2.5	
6/18/1997	13:00	KRDSLKCR	Klamath River d/s Elk Creek	21.8	8.4	9.4	214	9.346	0.102	0.0438	2.5	5.8	0.430	0.100	0.050	0.500	0.500	0.0970	0.0870	1.2	140	210	4.60	12.00	12.00	2.5	
6/18/1997	14:28	KRDSIKESF	Klamath River at Ikea Falls	21.5	8.4	9.0	177	9.355	0.100	0.0539	2.5	2.5	0.540	0.100	0.050	0.500	0.500	0.0630	0.0570	17.0	140	170	3.20	9.20	8.30	2.5	
7/2/1997	8:45	IGRO	Iron Gate Dam outflow	18.9	8.4	9.5	214	9.438	0.084																		
7/2/1997	8:10	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.9	8.3	10.4	213	9.470	0.063																		
7/2/1997	7:35	KRDSSHR	Klamath River d/s Shasta River	17.3	8.0	8.4	265	9.489	0.031																		
7/2/1997	11:35	KRBORD	Klamath River u/s Shovel Creek	17.4	8.5	10.4	173	9.486	0.094																		
7/2/1997	9:55	COPCO2	Copco Dam outflow	18.5	8.2	7.7	215	9.450	0.053																		
7/2/1997	12:19	KRDSBVCRCR	Klamath River d/s Beaver Creek	19.5	8.4	9.3	275	9.418	0.087																		
7/2/1997	12:50	KRDSSCTR	Klamath River d/s Scott River	19.8	8.4	9.3	258	9.409	0.089																		
7/2/1997	13:53	KRDSLKCR	Klamath River d/s Elk Creek	20.7	8.4	9.1	234	9.380	0.095																		
7/2/1997	14:51	KRDSIKESF	Klamath River at Ikea Falls	20.0	8.5	9.2	188	9.403	0.111																		
7/3/1997	11:30	JCBORD	J Canal at stateline	19.6	8.0	5.3	229	9.415	0.037																		
7/3/1997	10:40	LRBORD	Lost River at stateline	18.5	8.3	5.8	172	9.450	0.066																		
7/3/1997	10:00	TLP3	Tule Lake Pump 3 (in)	19.3	7.5	4.9	293	9.425	0.012																		
7/3/1997	9:40	TLPD	Tule Lake Pump D (out)	18.9	9.9	8.5	519	9.438	0.744																		
7/3/1997	11:50	KSD	Klamath Straits Drain at stateline	22.1	9.1	9.5	1246	9.336	0.367																		
7/3/1997	11:38	SHRA12	Shasta River at A-12	18.5	8.0	8.5	465	9.450	0.034																		
7/3/1997	11:58	SHRMGR	Shasta River at Mont Gren Road	20.1	8.1	8.4	534	9.399	0.048																		
7/3/1997	12:27	SHRHWW5	Shasta River d/s Hwy 5	19.9	8.1	8.3	572	9.406	0.047																		
7/3/1997	12:47	SHRM	Shasta River at mouth	21.9	8.5	8.3	583	9.343	0.126																		
7/16/1997	9:40	IGRO	Iron Gate Dam outflow	20.5	8.3	8.2	210	9.387	0.076																		
7/16/1997	13:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	23.9	9.3	14.2	205	9.280	0.511																		
7/16/1997	14:05	KRDSSHR	Klamath River d/s Shasta River	22.9	8.7	9.4	221	9.311	0.197																		
7/16/1997	11:56	KRBORD	Klamath River u/s Shovel Creek	18.2	8.8	9.2	155	9.460	0.179																		
7/16/1997	10:20	COPCO2	Copco Dam outflow	20.8	9.2	9.2	196	9.377	0.399																		
7/16/1997	13:40	KRDSBVCRCR	Klamath River d/s Beaver Creek	23.2	9.0	10.0	226	9.302	0.333																		
7/16/1997	12:42	KRDSSCTR	Klamath River d/s Scott River	23.2	8.8	9.1	239	9.302	0.239																		
7/16/1997	11:30	KRDSLKCR	Klamath River d/s Elk Creek	23.4	8.6	8.6	236	9.296	0.168																		
7/16/1997	10:30	KRDSIKESF	Klamath River at Ikea Falls	21.7	8.4	9.2	202	9.349	0.101																		
7/16/1997	17:02	SHRA12	Shasta River at A-12	22.3	8.3	9.4	465	9.330	0.085																		
7/16/1997	17:00	SHRMGR	Shasta River at Mont Gren Road	24.7	8.5	10.2	556	9.256	0.149																		
7/16/1997	16:40	SHRHWW5	Shasta River d/s Hwy 5	25.2	8.4	9.3	603	9.240	0.126																		
7/16/1997	16:00	SHRM	Shasta River at mouth	26.5	8.6	8.4	579	9.201	0.201																		
7/17/1997	10:00	JCBORD	J Canal at stateline	21.9	7.9	3.2	221	9.343	0.035																		
7/17/1997	9:30	LRBORD	Lost River at stateline	20.9	7.9	3.7	213	9.374																			

1997 Klamath Basin Field Data

Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	umhos/cm	mg/L	mg/L	mg/L	ug/L	mgCaCO3/L			
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	pKa		Union NH3	BOD	COD	NH3-N	NH3-D	NO3-D	TKN-T	TKN-D	P-T	P-D	TSS	TDS	Cond lab	Cl	SO4	Na	Chi A	Alkalinity		
10/8/1997	9:45	KRUSCOTCR	Klamath River w/s Cottonwood Creek	15.1	7.9	8.6	175	9.581	0.021	0.0038	1.5	22.0	0.180	0.140	0.510	1.200	0.700	0.3500	0.2700	6.0	118	159	4.18	8.97	13.00	5.8			
10/8/1997	9:50	KRDSSSHR	Klamath River d/s Shasta River	14.7	7.9	8.6	226	9.574	0.021	0.0025	1.5	21.0	0.120	0.090	0.460	0.700	0.600	0.3200	0.2100	5.0	144	200	6.13	7.92	16.00	4.8			
10/8/1997	12:15	KRBORD	Klamath River w/s Shovel Creek	11.0	8.2	10.2	168	9.698	0.031	0.0025	1.5	11.0	0.080	0.060	0.320	0.700	0.600	0.2100	0.1700	12.0	119	146	2.74	5.39	11.00	5.1			
10/8/1997	11:10	COPC02	Coppo Dam outflow	13.9	7.7	6.8	198	9.600	0.012	0.0036	1.5	20.0	0.290	0.180	0.550	1.000	1.000	0.2700	0.2600	6.0	130	174	3.60	9.35	14.00	2.3			
10/8/1997	13:41	KRDSBVCR	Klamath River d/s Beaver Creek	14.5	8.2	9.8	224	9.581	0.040	0.0064	1.5	3.5	0.160	0.025	0.360	0.800	0.800	0.3500	0.3400	4.0	141	209	6.40	7.34	16.00	3.4			
10/8/1997	14:40	KRDSSCTR	Klamath River d/s Scott River	14.6	8.4	10.0	231	9.571	0.063	0.0070	1.5	3.5	0.110	0.080	0.310	0.800	0.800	0.2700	0.3600	4.0	144	214	6.89	8.09	15.00	4.5			
10/8/1997	16:25	KRDSELKCR	Klamath River d/s Elk Creek	14.5	8.6	9.9	220	9.581	0.095	0.0085	1.5	3.5	0.090	0.025	0.240	0.800	0.800	0.2000	0.1500	5.0	127	206	6.18	7.61	13.00	3.7			
10/8/1997	17:50	KRDSIKESF	Klamath River at Ikes Falls	13.8	8.4	9.6	187	9.604	0.059	0.0124	1.5	3.5	0.210	0.060	0.120	0.600	0.600	0.2700	0.2000	6.0	112	181	4.88	7.22	10.00	3.3			
10/8/1997	9:05	SHRA12	Shasta River at A-12	11.1	7.7	8.6	483	9.694	0.010	0.0017	1.5	9.0	0.170	0.080	0.190	0.500	0.500	0.3800	0.3500	9.0						1.5	219		
10/8/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	10.9	7.9	8.8	547	9.701	0.016	0.0023	1.5	12.0	0.150	0.080	0.140	0.600	0.400	0.4100	0.3200	8.0						1.4	247		
10/8/1997	10:15	SHRHVY5	Shasta River d/s Hwy 5	11.2	8.1	9.2	572	9.691	0.025	0.0038	1.5	12.0	0.150	0.110	0.040	0.500	0.500	0.3900	0.3000	12.0						1.5	259		
10/8/1997	10:45	SHRM	Shasta River at mouth	11.2	8.3	9.9	569	9.691	0.039	0.0055	1.5	3.5	0.140	0.120	0.090	0.500	0.500	0.4900	0.4200	10.0						2.4	264		
10/22/1997	11:40	JCBORD	J Canal at stateline	10.2	8.1	9.3	303	9.725	0.023																				
10/22/1997	11:20	LRBORD	Lost River at stateline	9.7	8.5	12.7	226	9.742	0.054																				
10/22/1997	10:00	TLP3	Tule Lake Pump 3 (in)	7.6	8.1	6.5	420	9.814	0.019																				
10/22/1997	10:25	TLPD	Tule Lake Pump D (out)	9.9	8.8	7.8	594	9.735	0.104																				
10/22/1997	12:35	KSD	Klamath Straits Drain at stateline	9.5	8.6	9.2	766	9.748	0.066																				
10/24/1997	9:30	KRDSBVCR	Klamath River d/s Beaver Creek	10.6	7.9	10.2	219	9.711	0.015																				
10/24/1997	10:20	KRDSSCTR	Klamath River d/s Scott River	11.2	8.1	10.0	225	9.691	0.025																				
10/24/1997	11:35	KRDSELKCR	Klamath River d/s Elk Creek	11.9	8.2	11.1	228	9.667	0.033																				
10/24/1997	13:00	KRDSIKESF	Klamath River at Ikes Falls	12.0	8.2	11.3	209	9.664	0.033																				

Site Temperatures

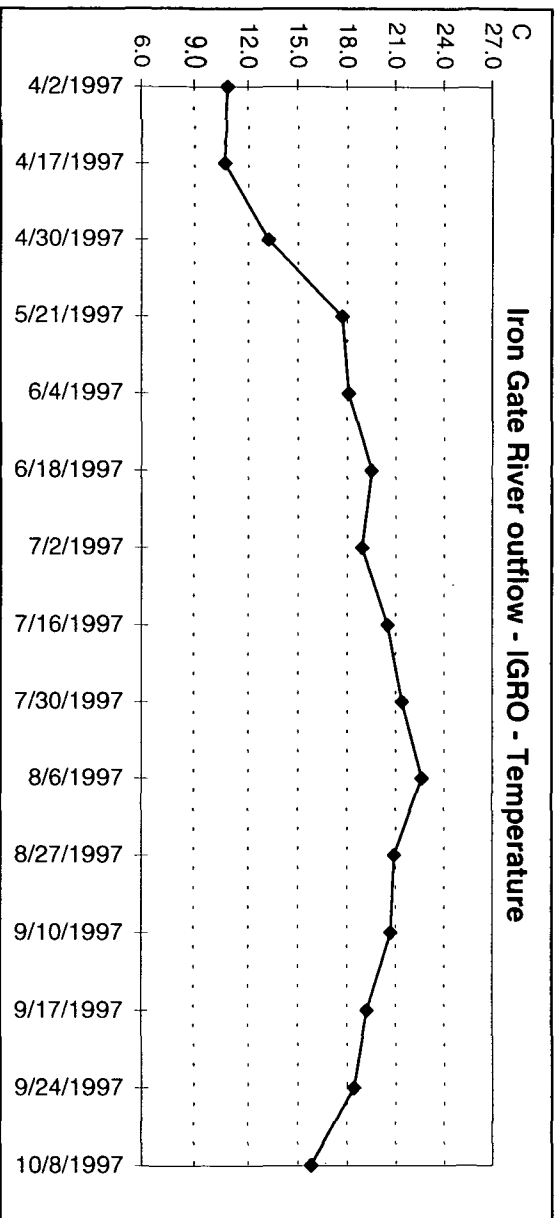
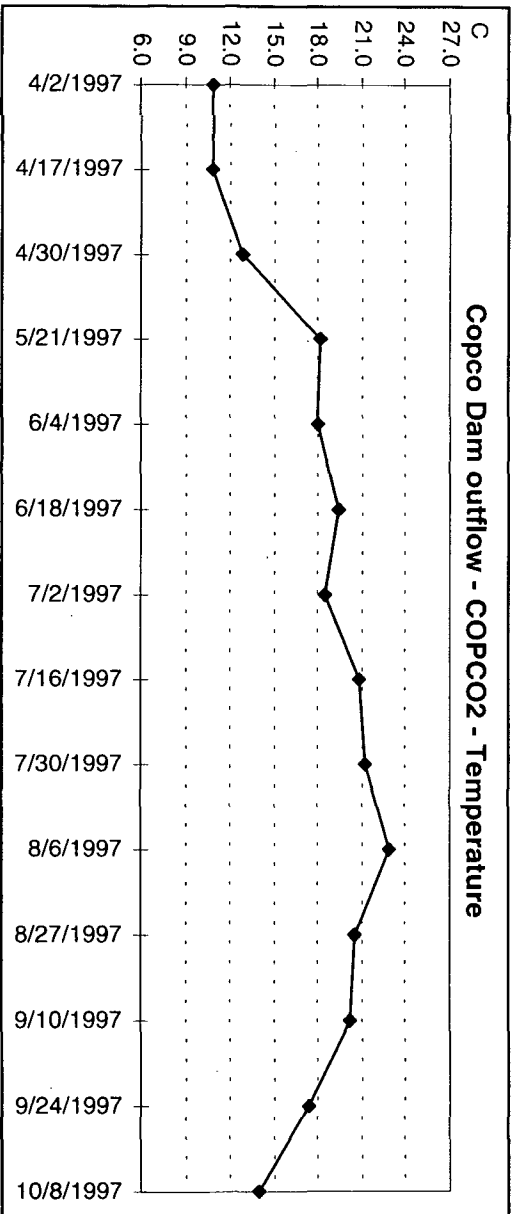
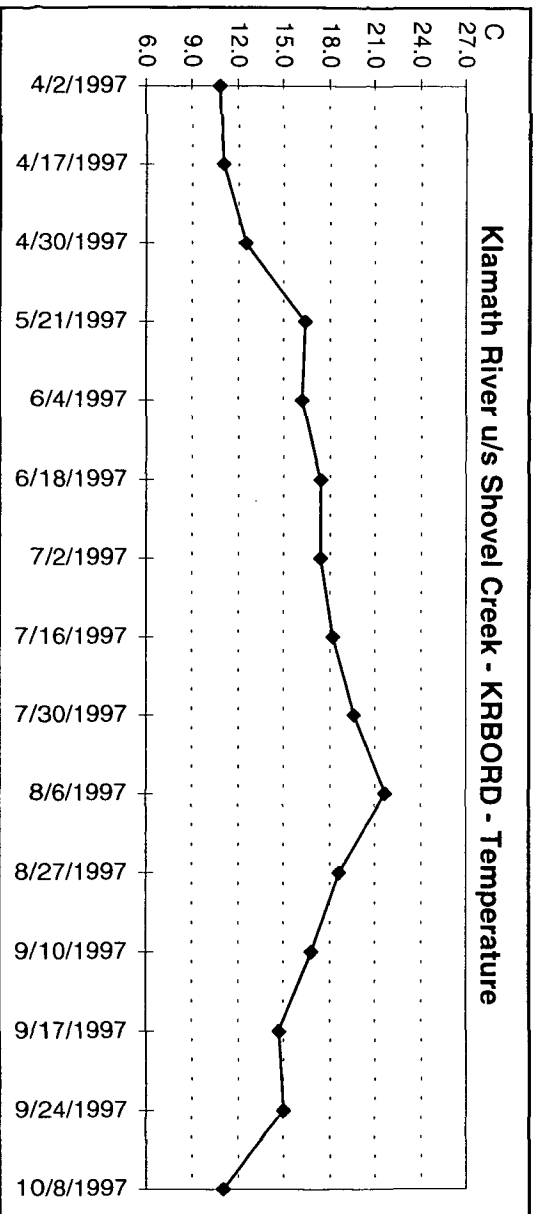
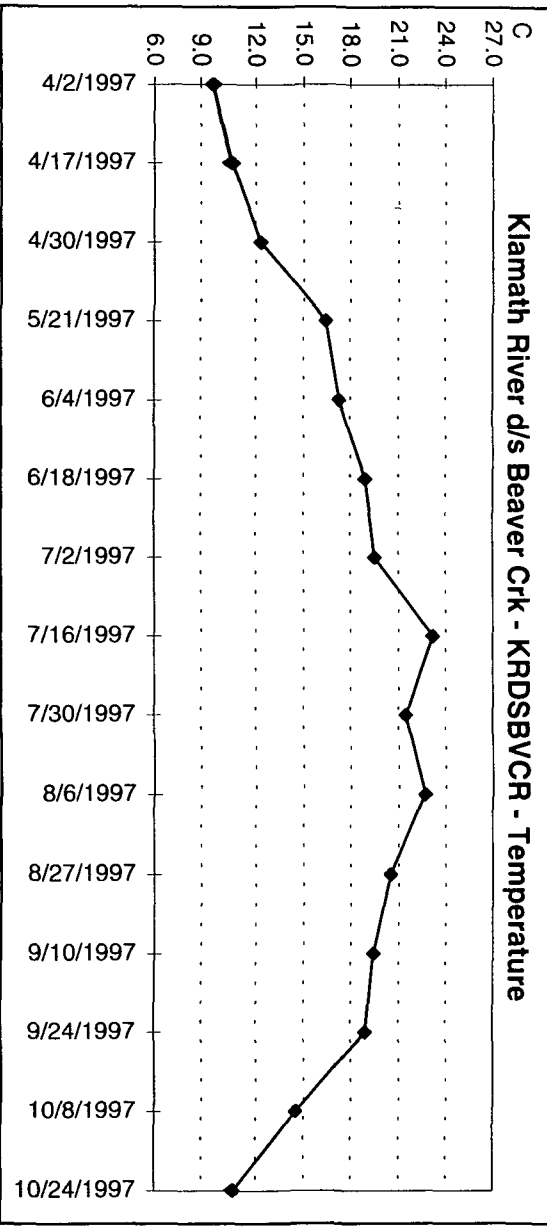
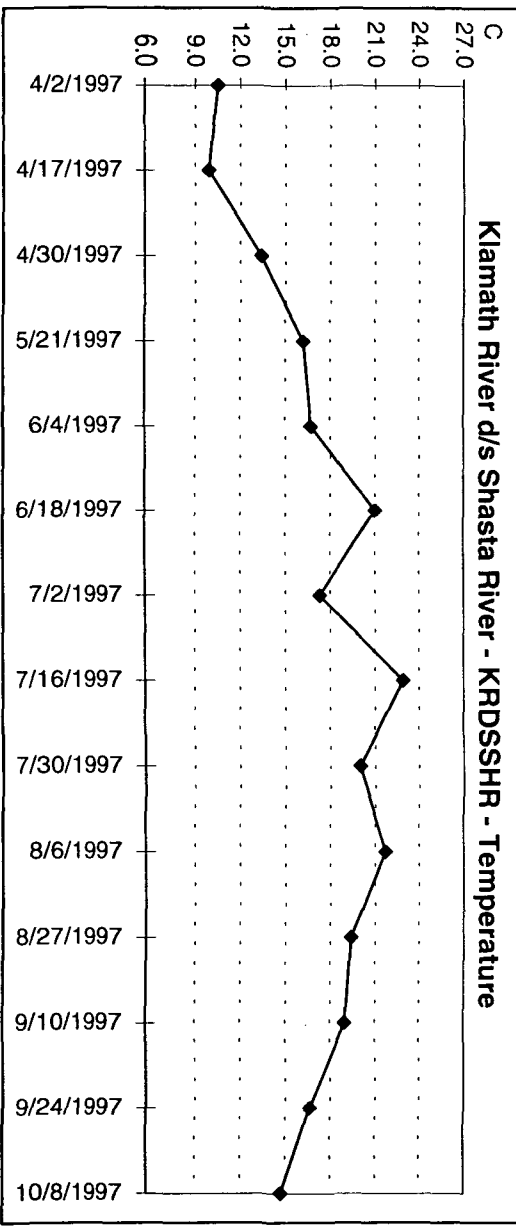
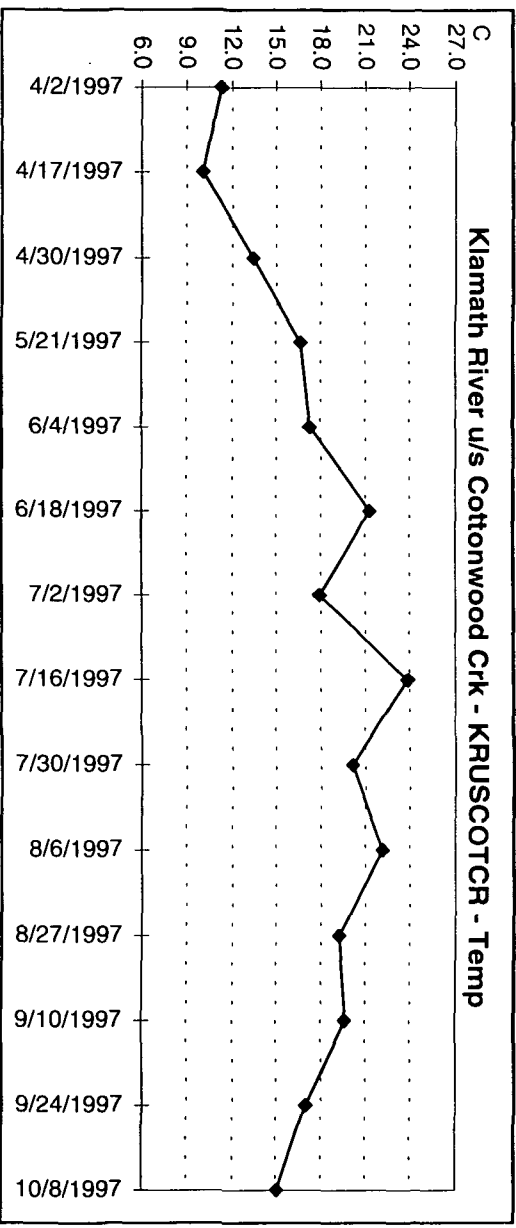
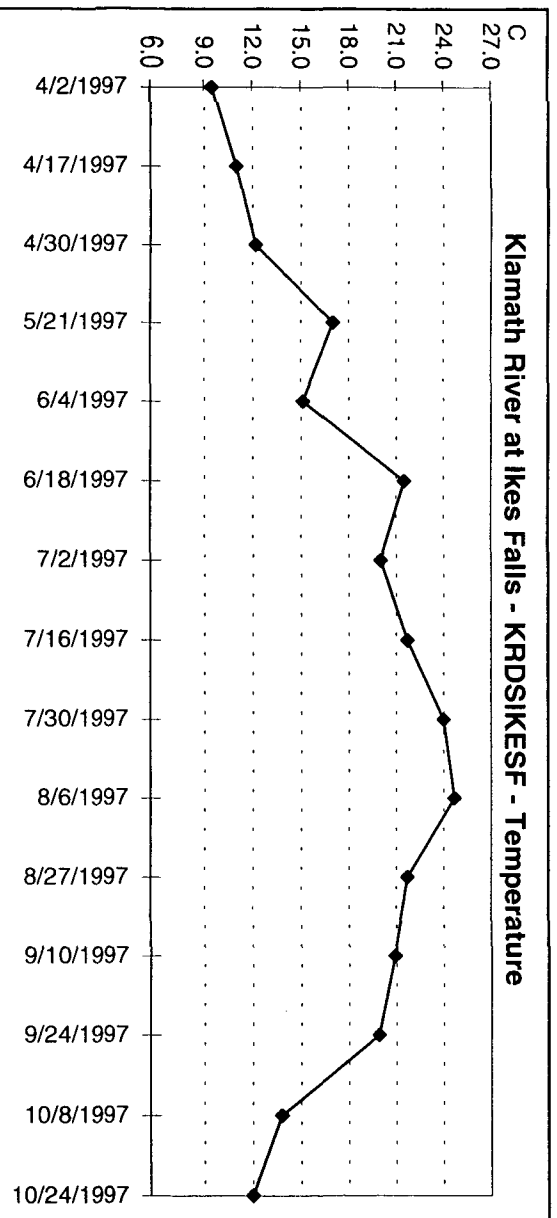
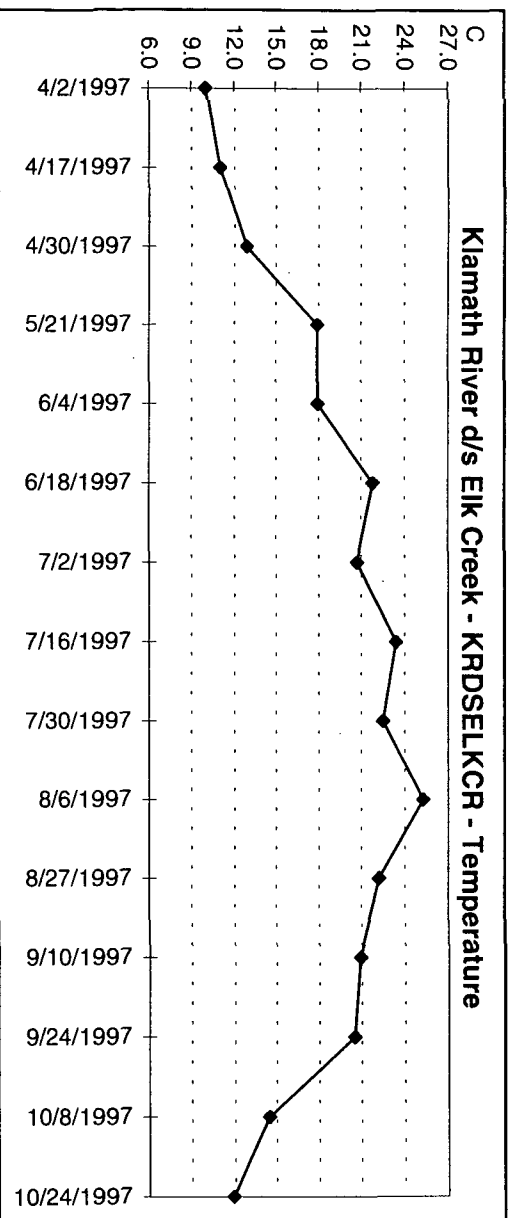
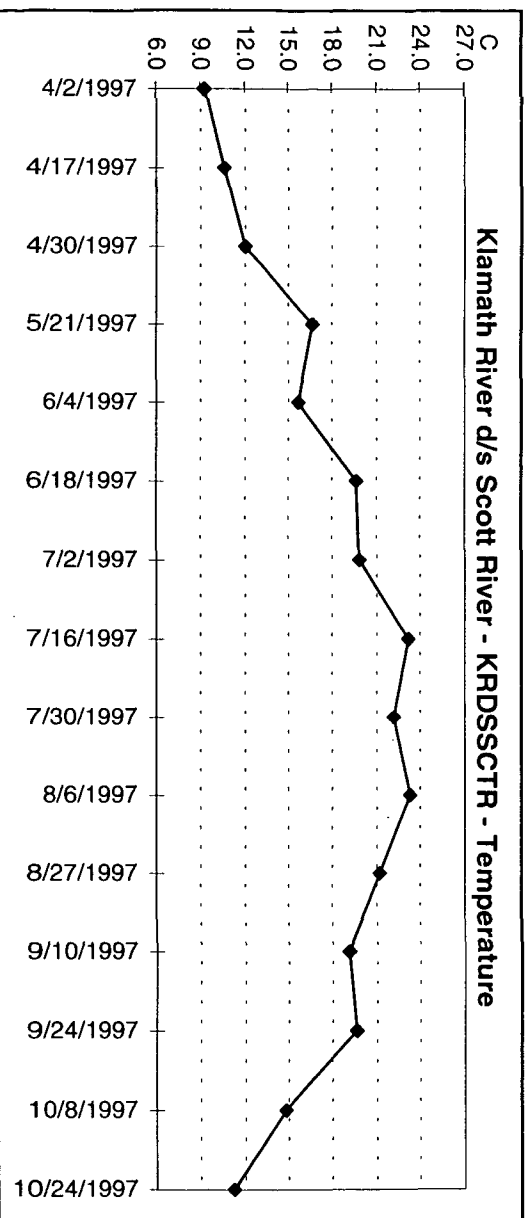


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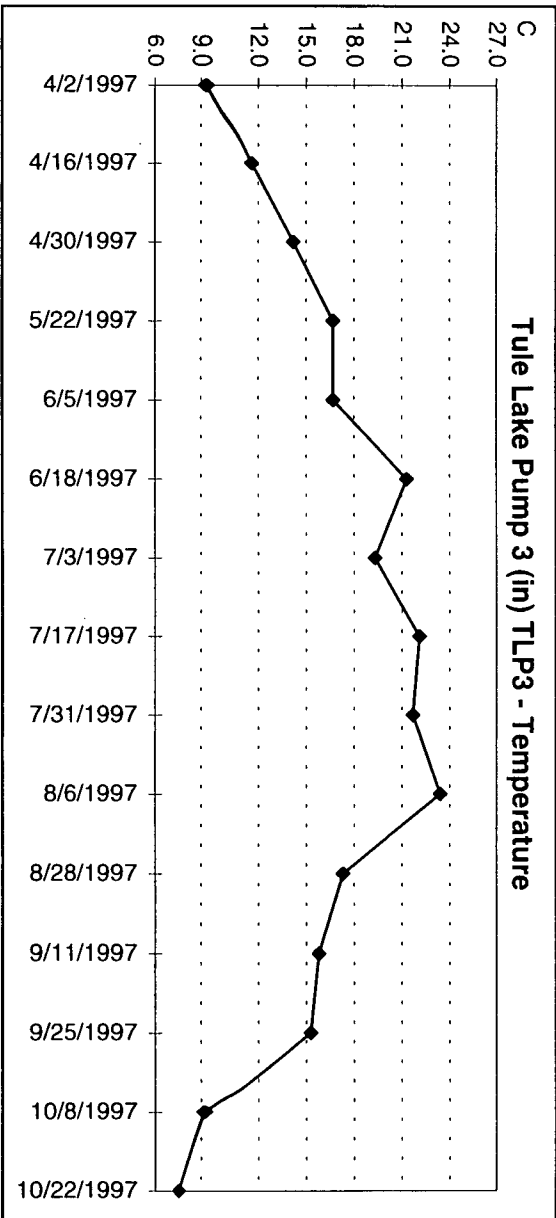
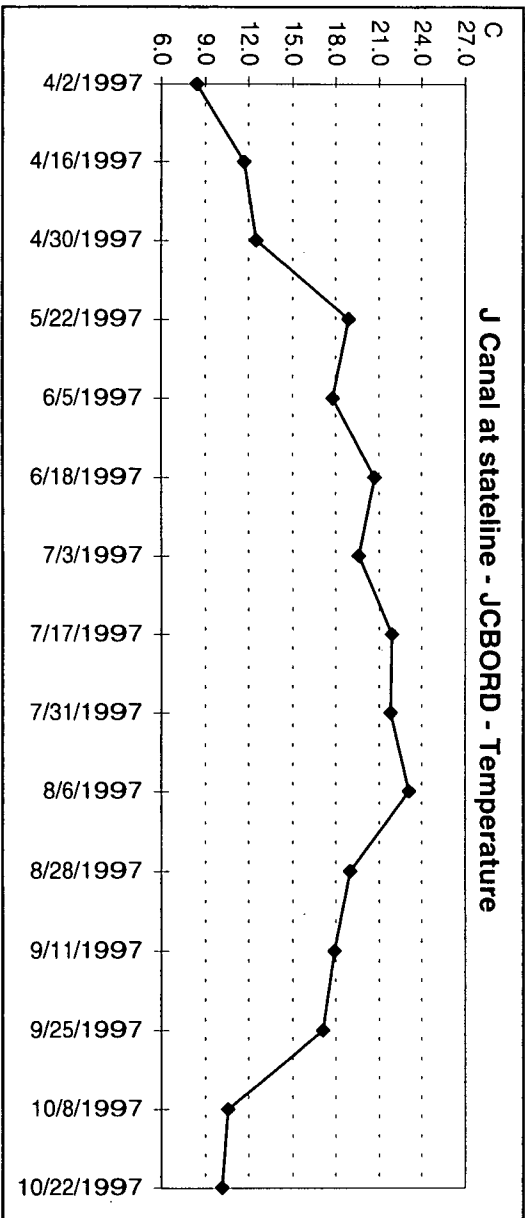
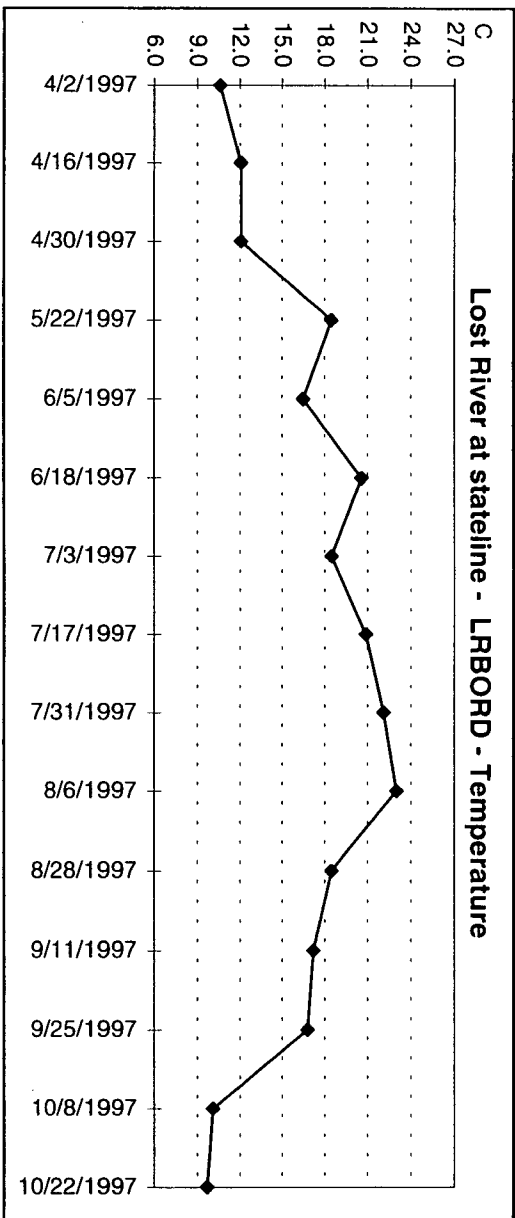
Site Temperatures



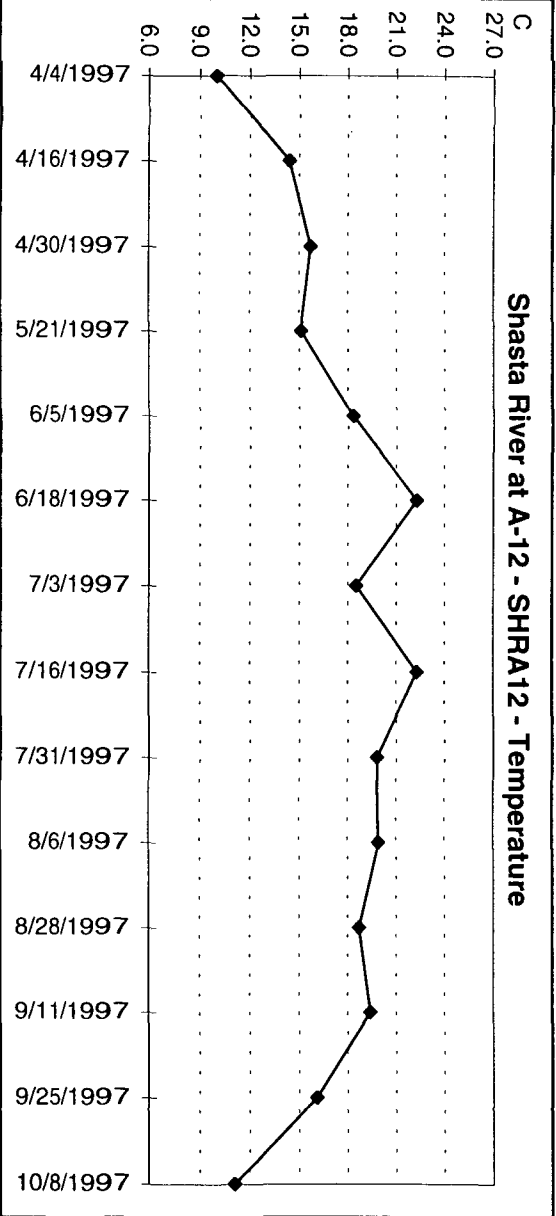
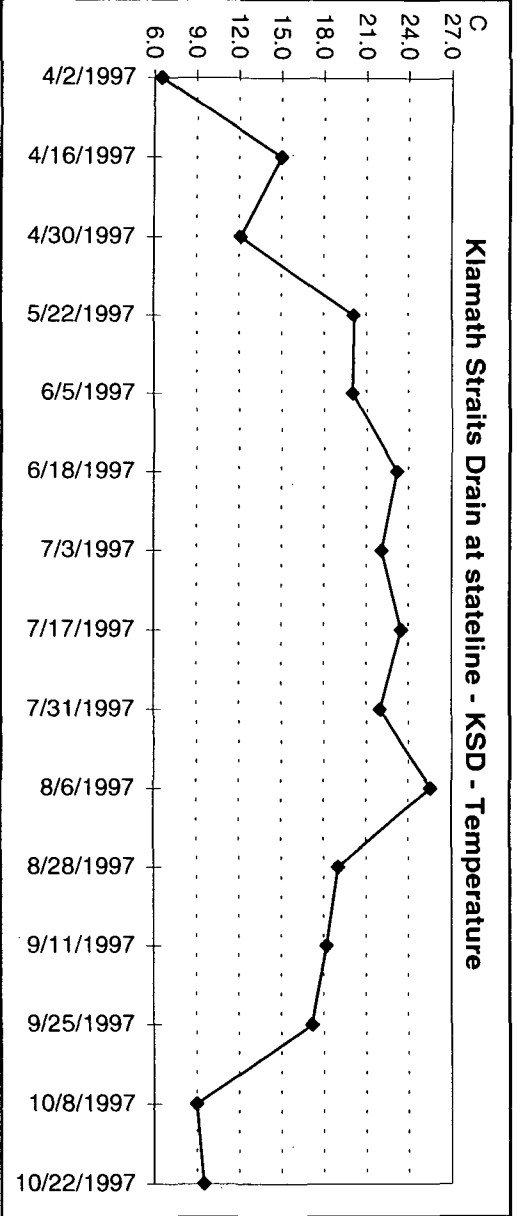
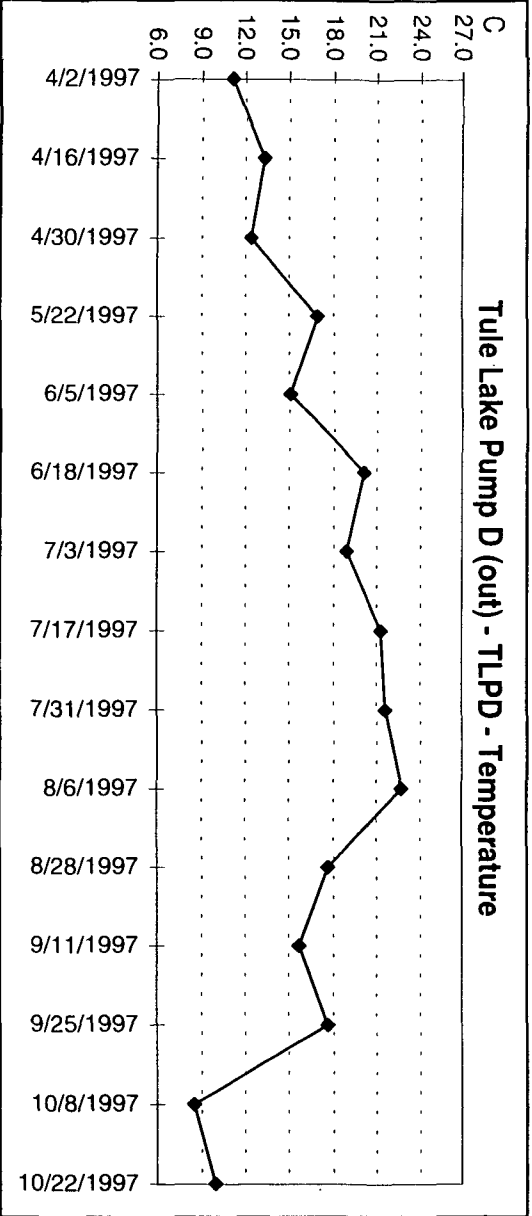
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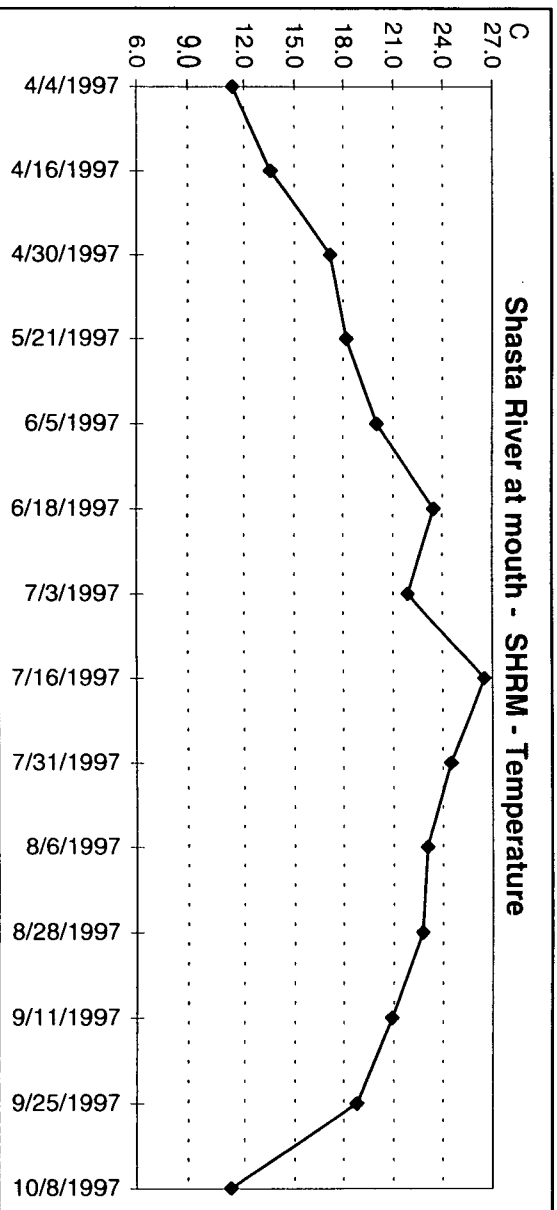
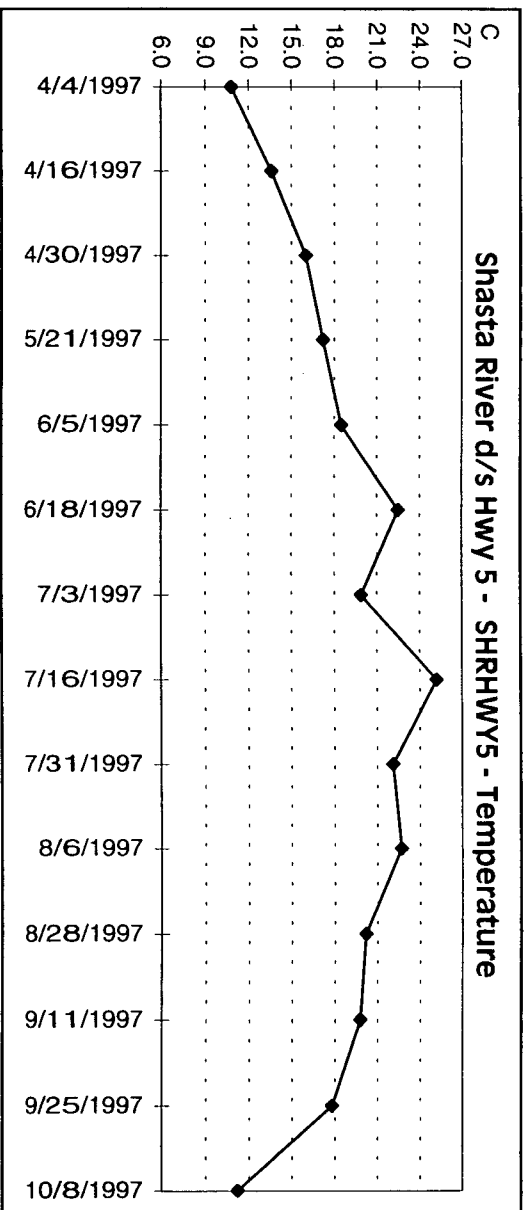
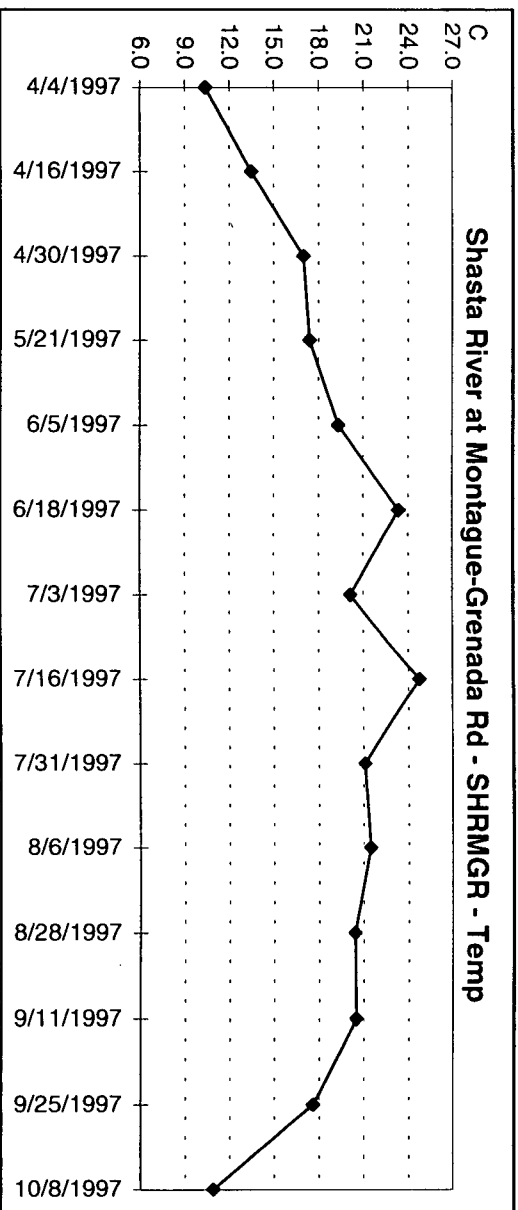
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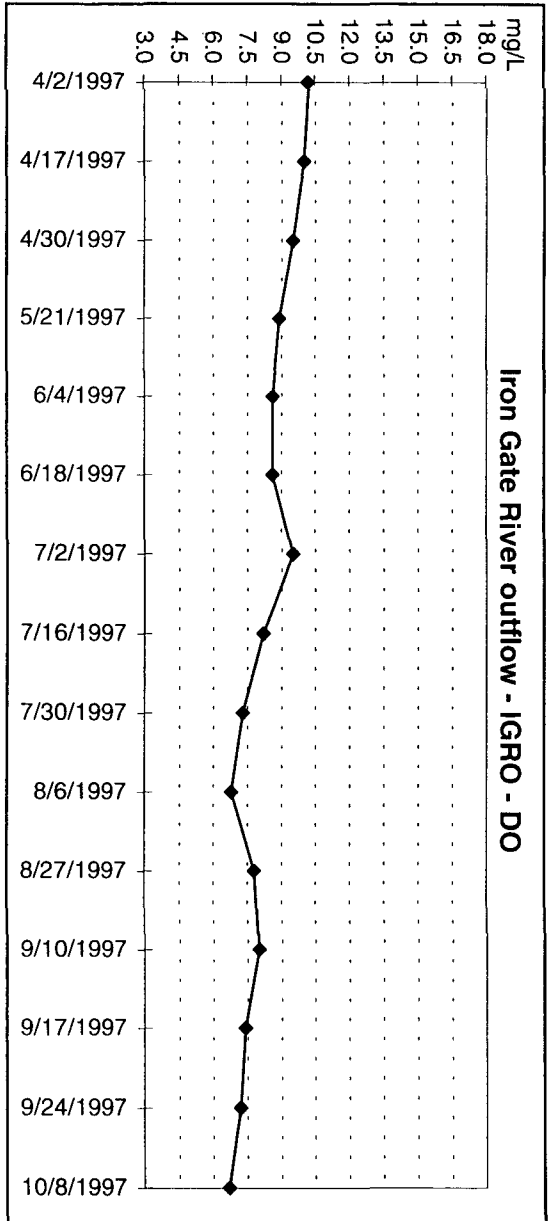
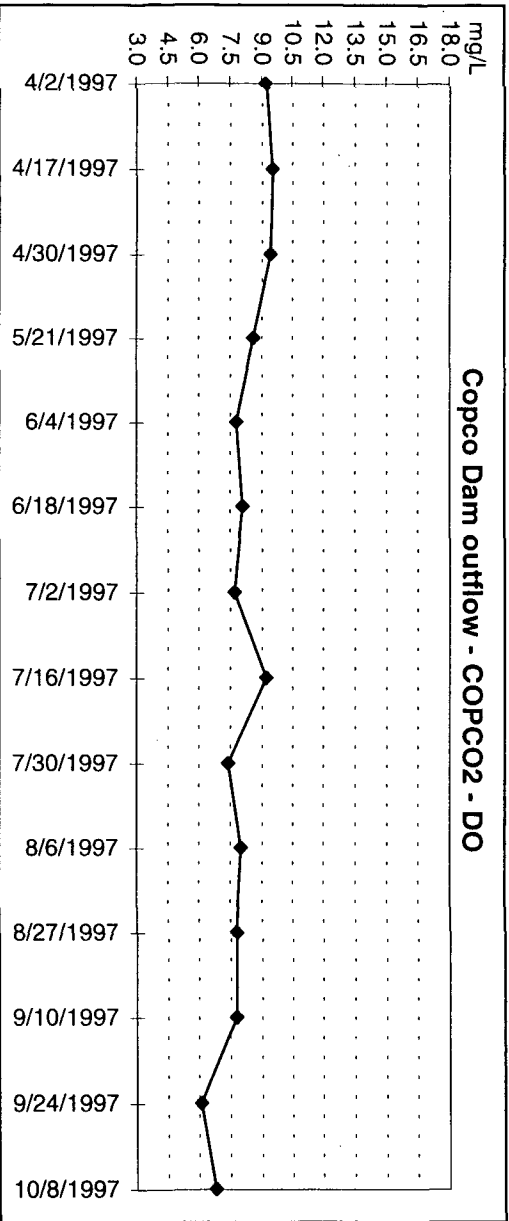
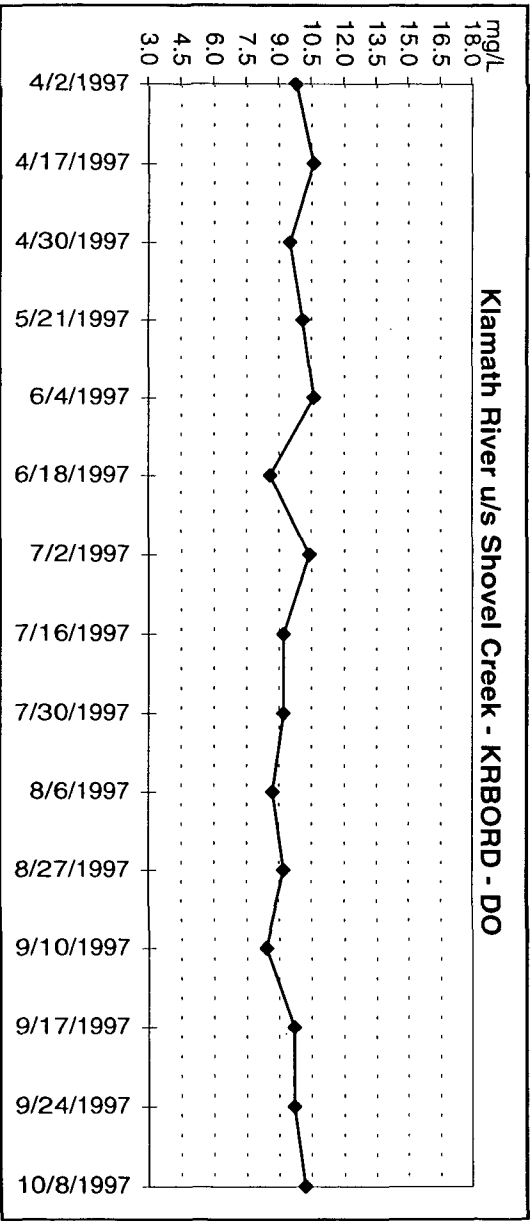
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Site Temperatures

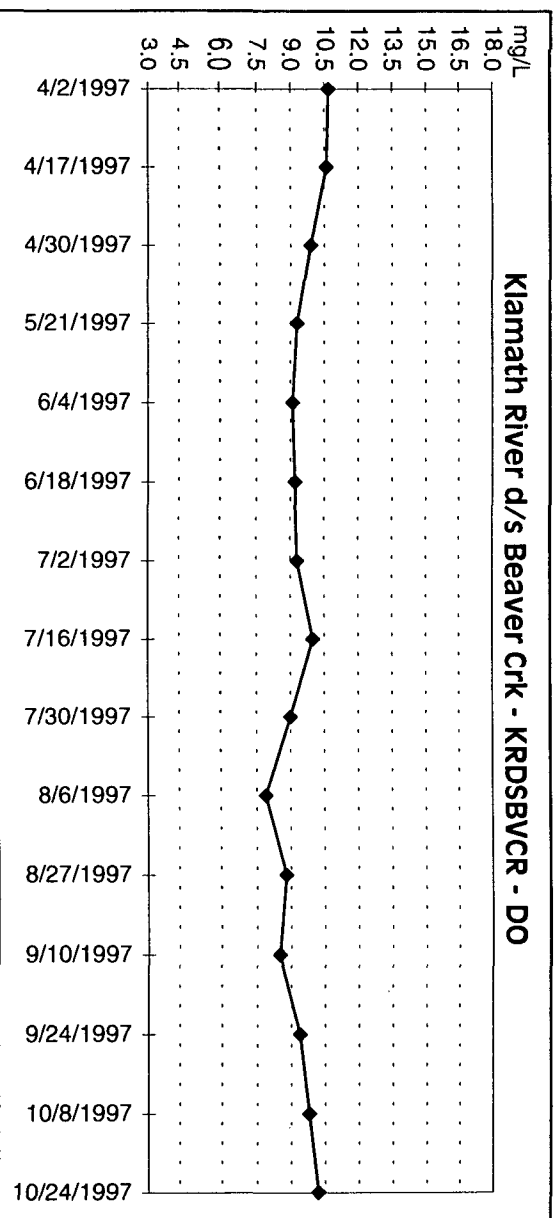
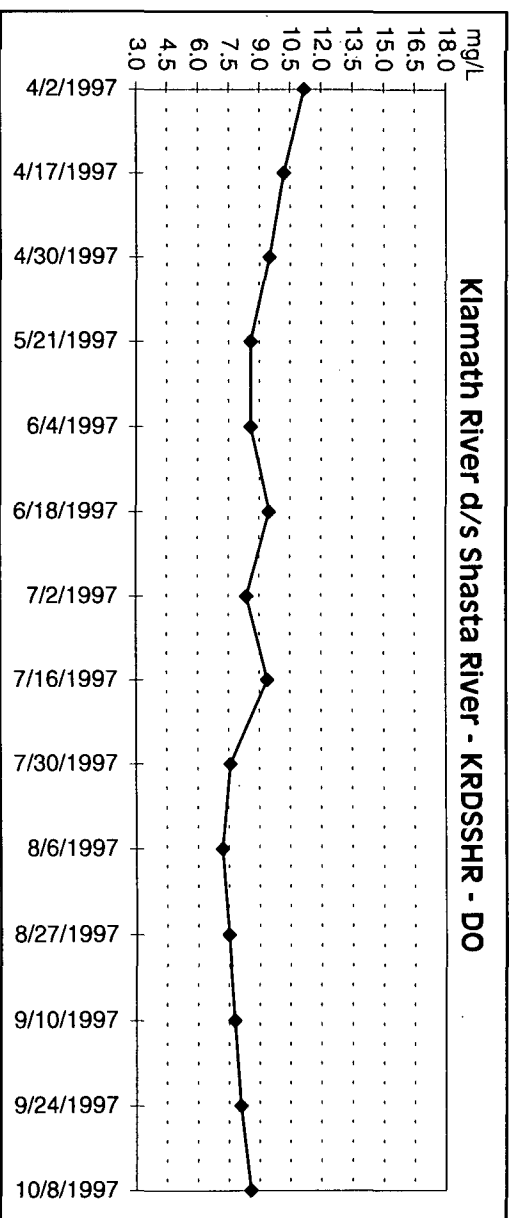
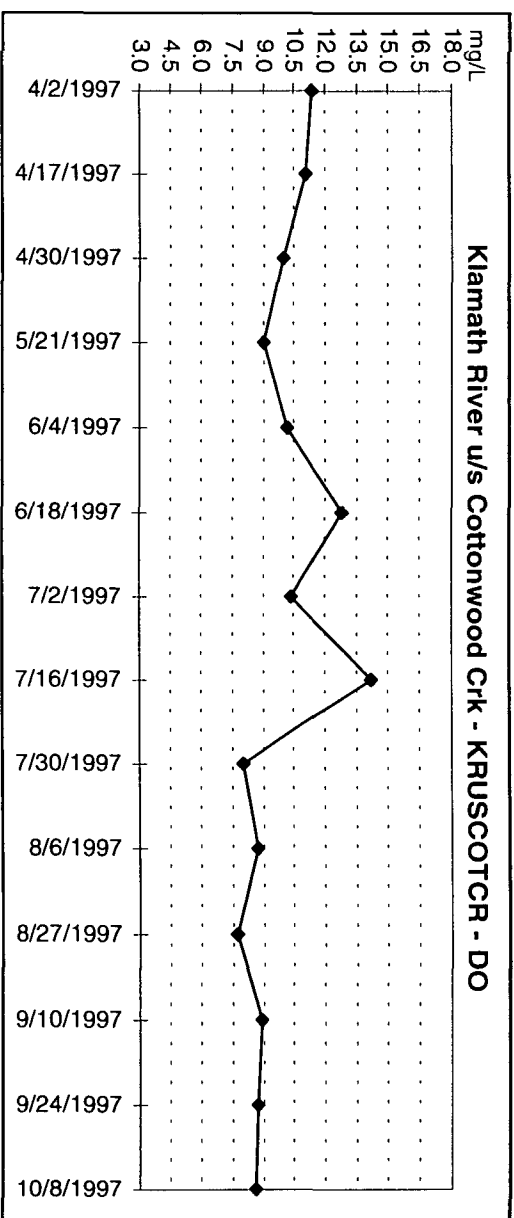


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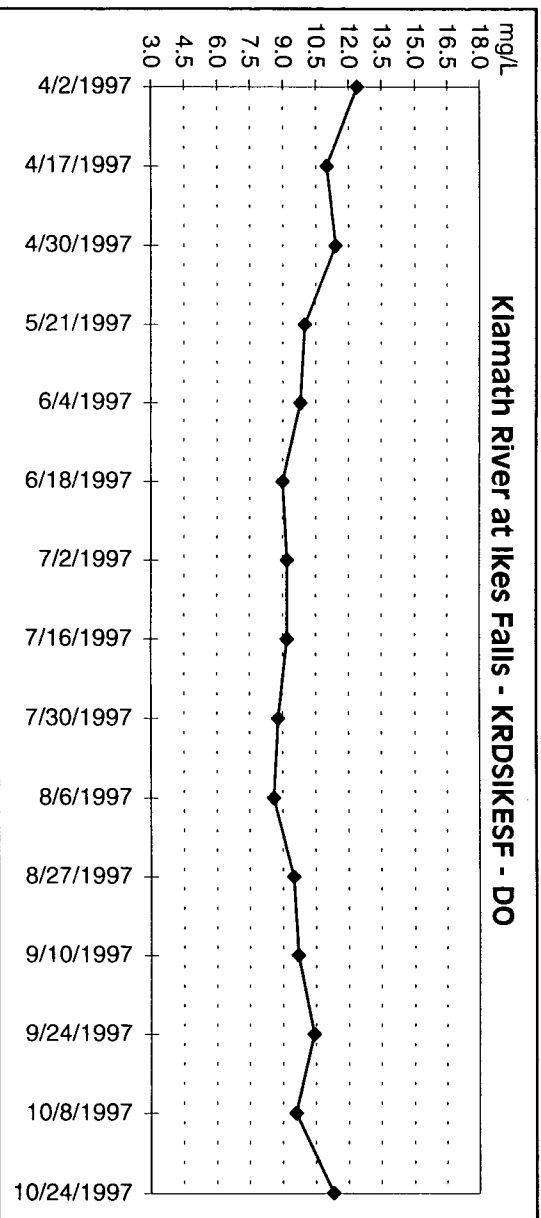
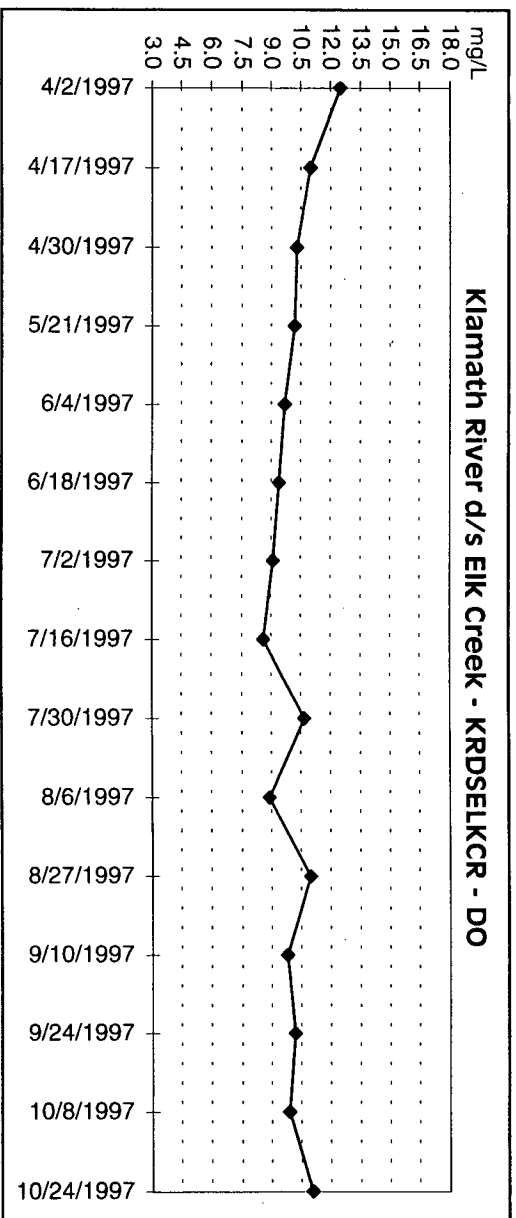
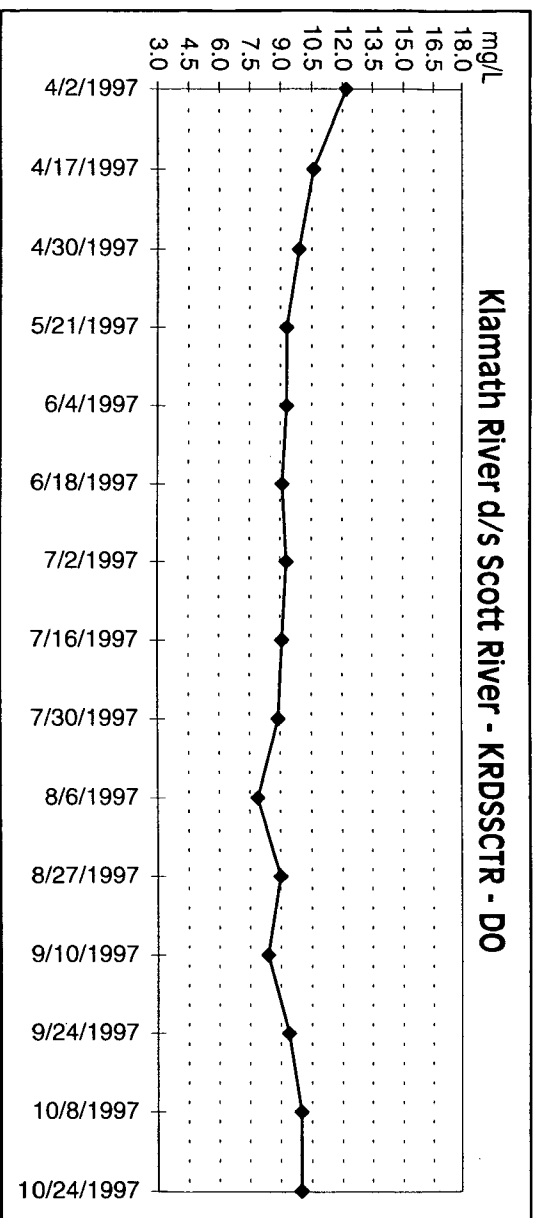


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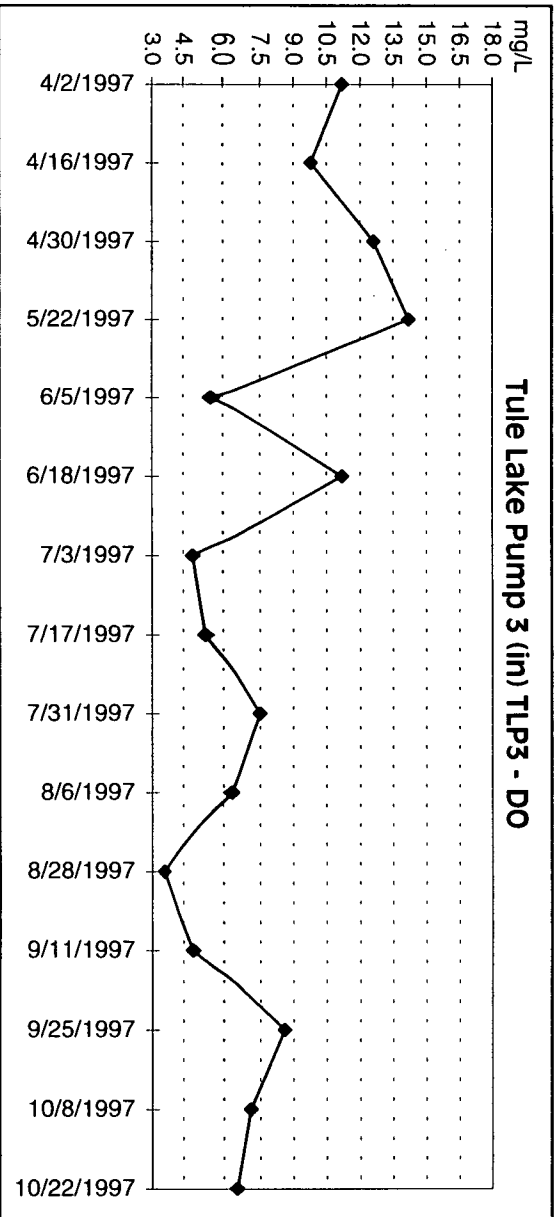
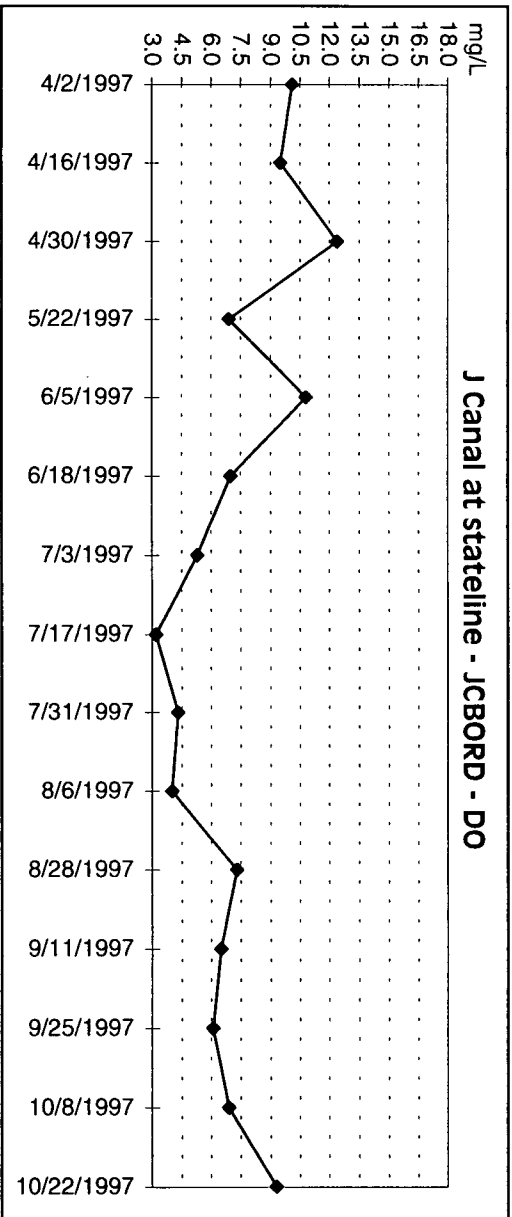
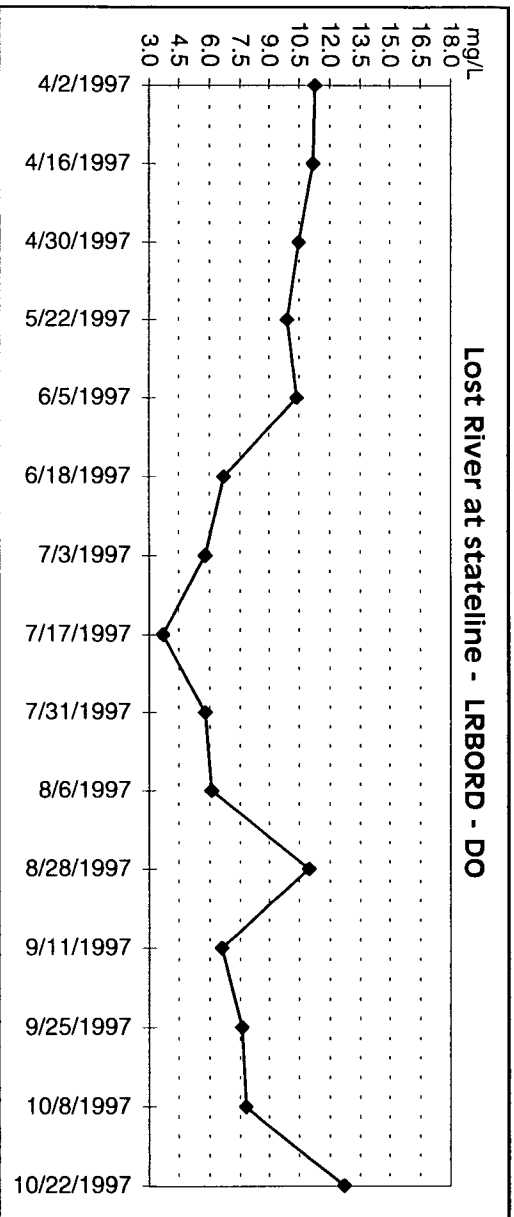
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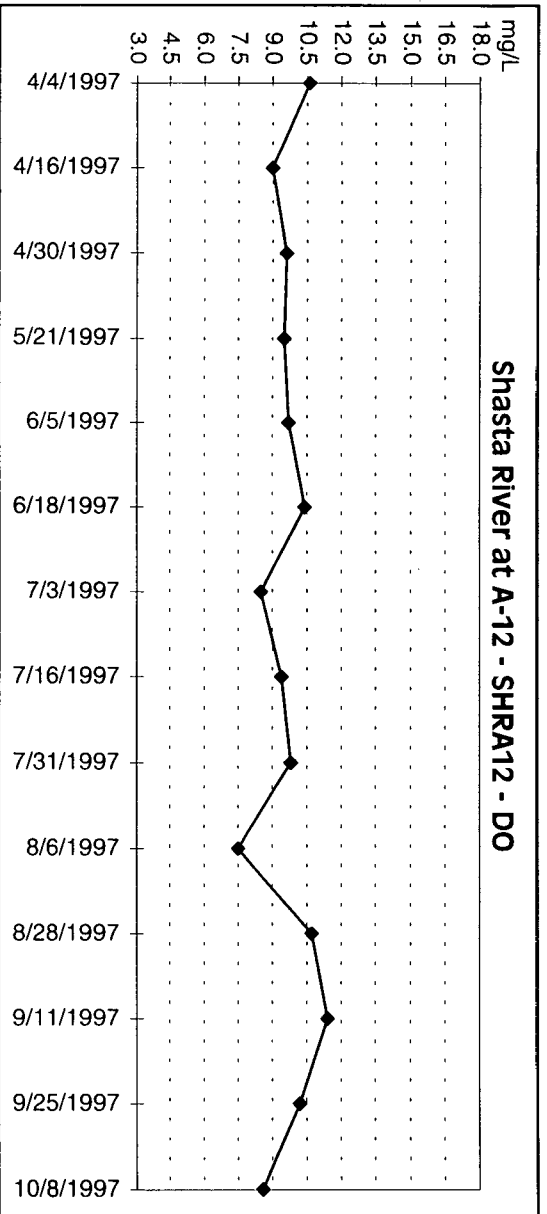
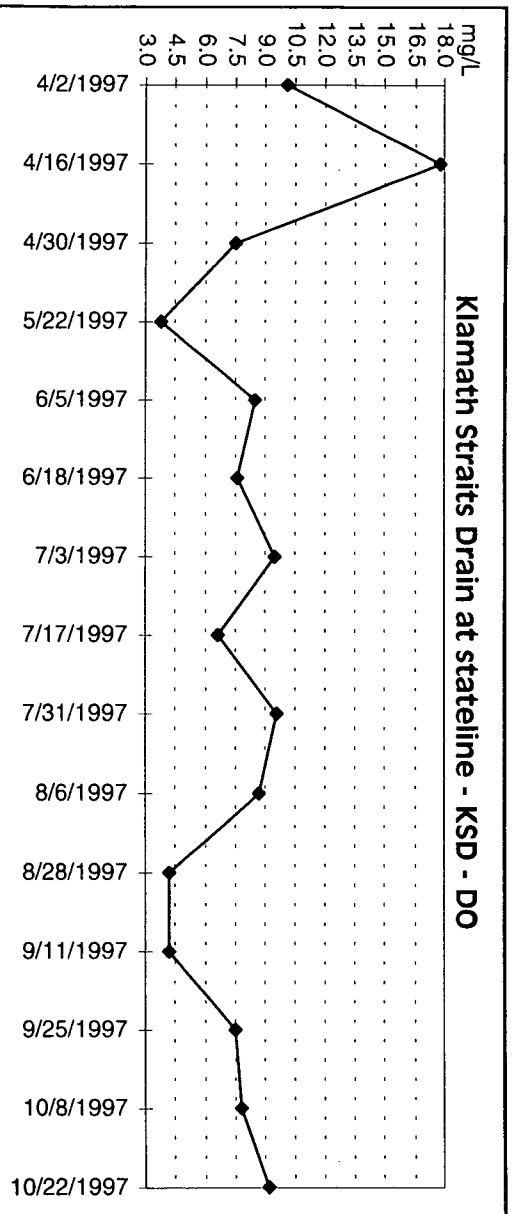
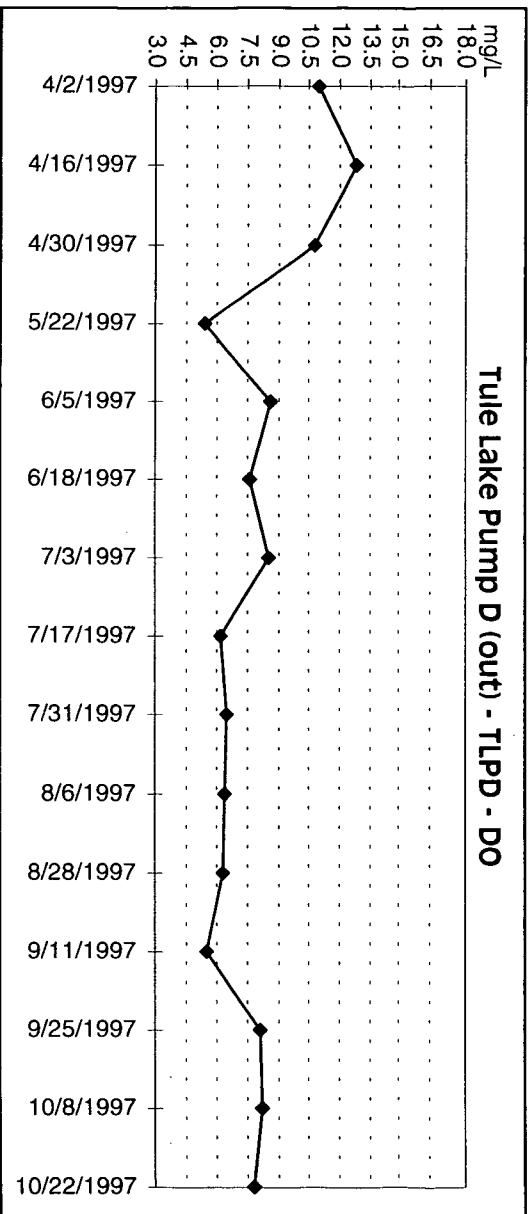
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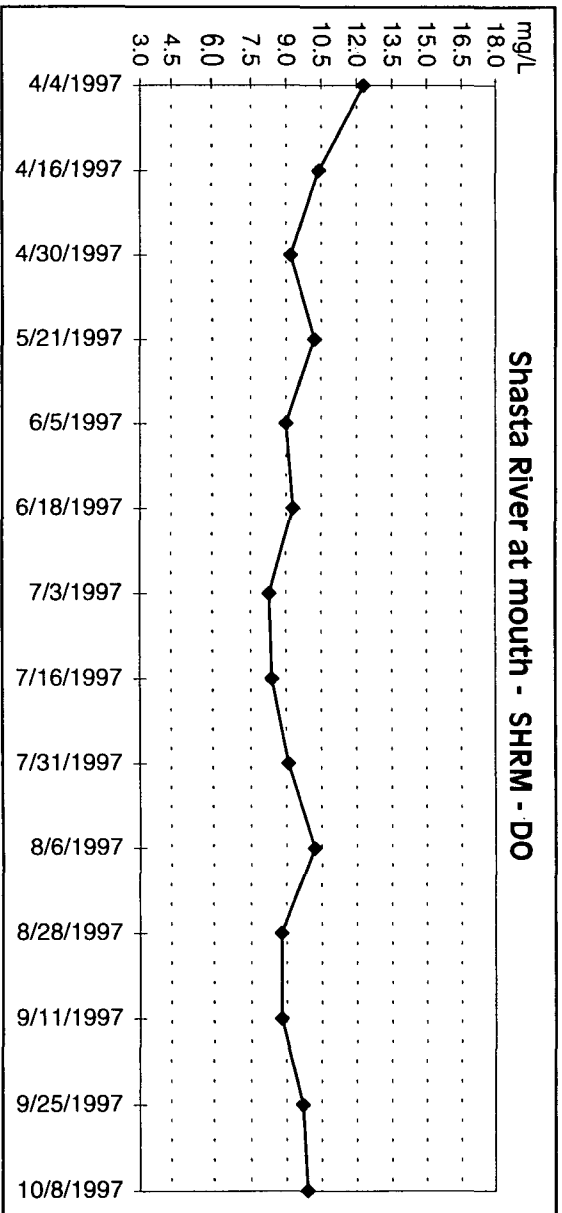
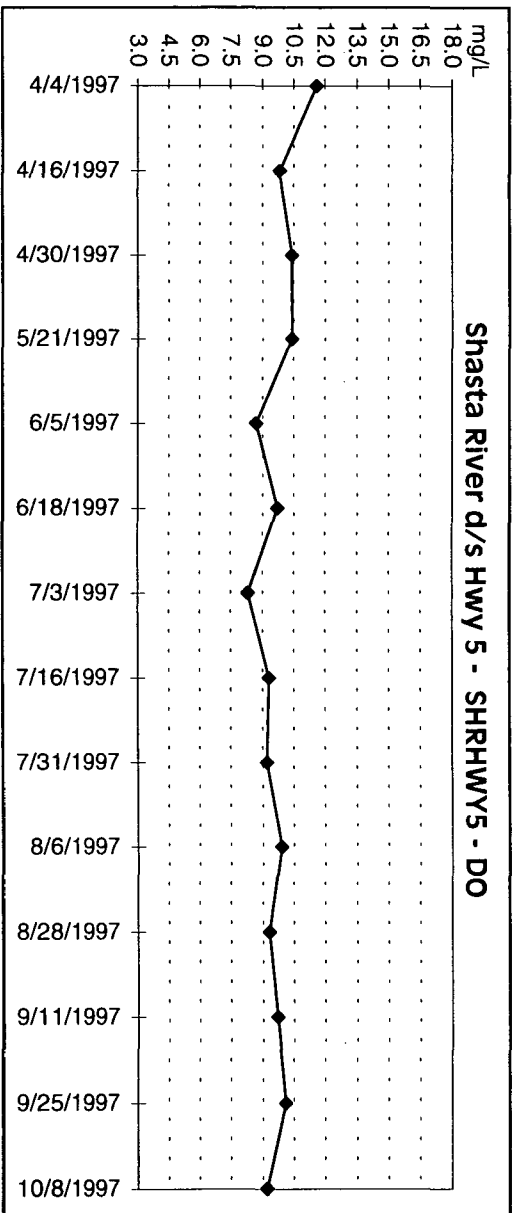
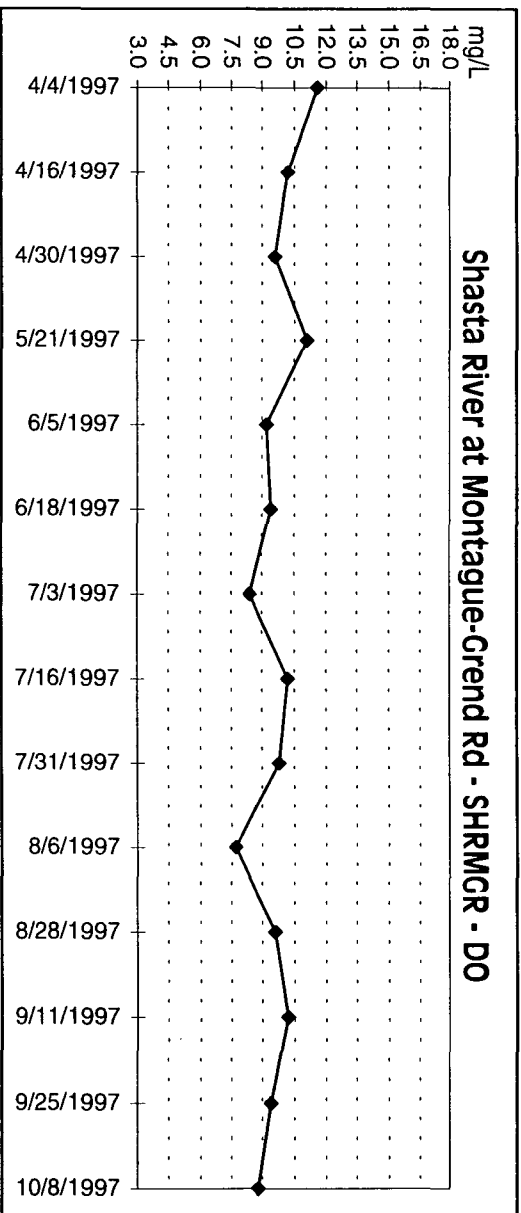
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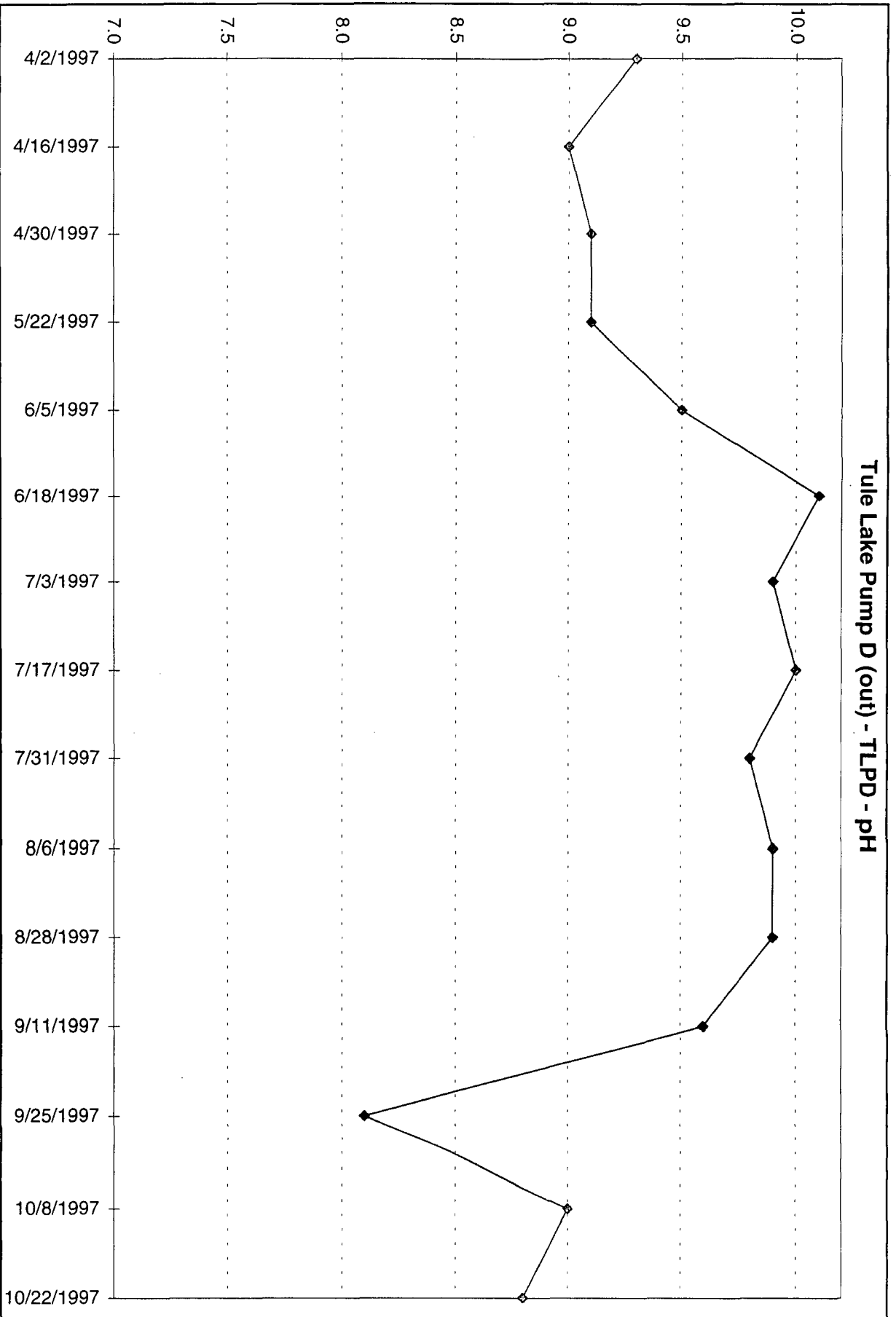
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Site Dissolved Oxygens

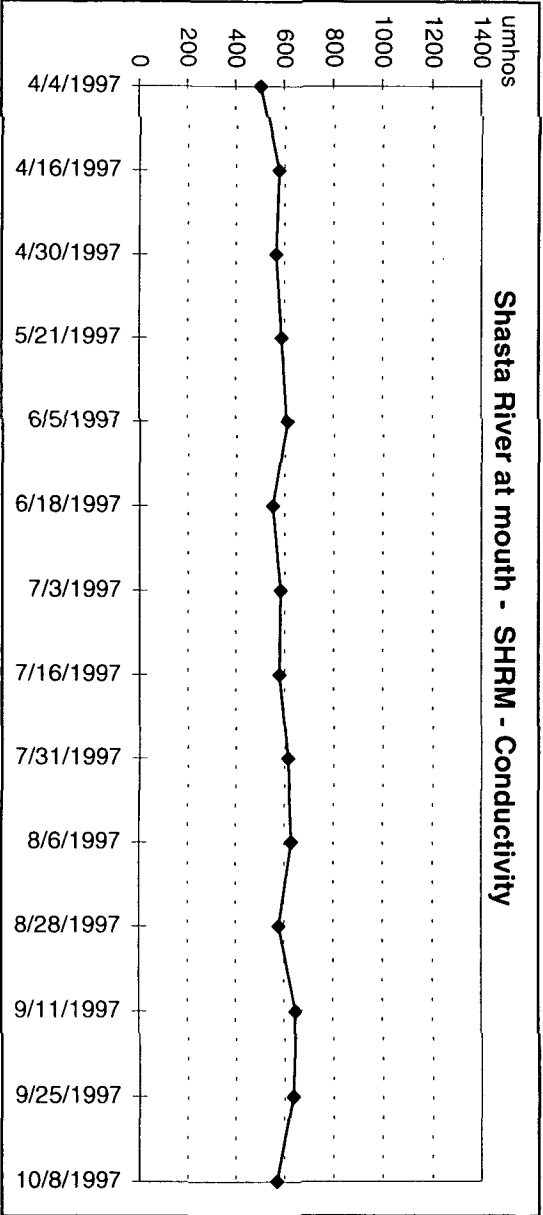
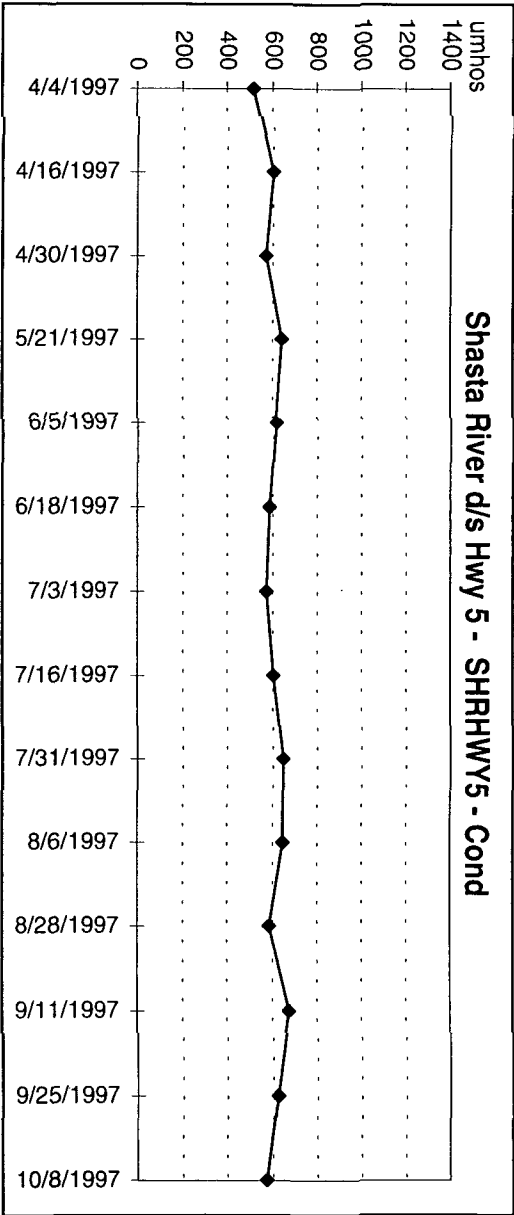
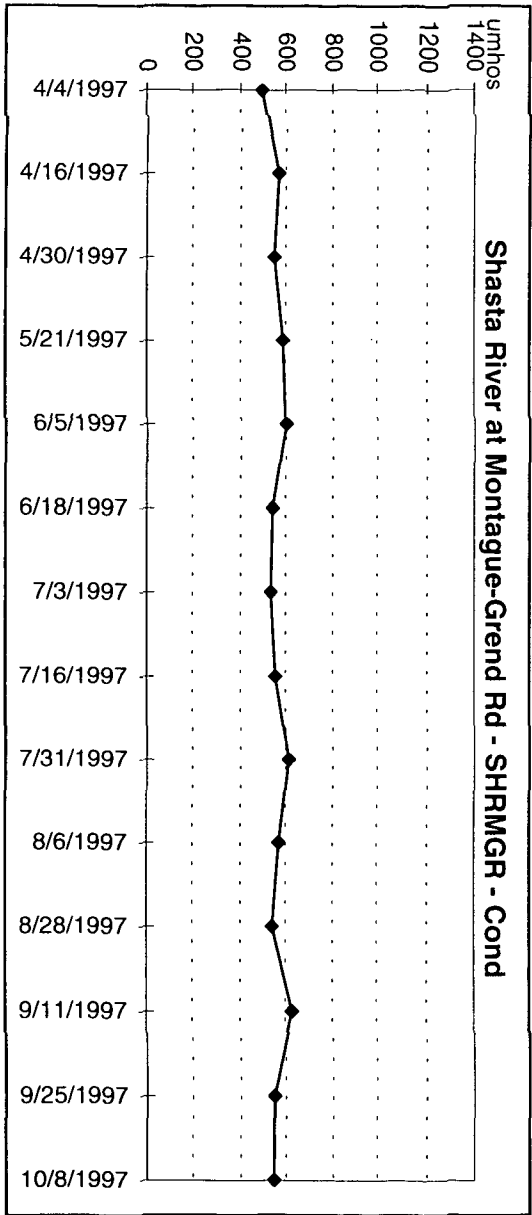


Tule Lake Pump D (out) - TLPPD - pH



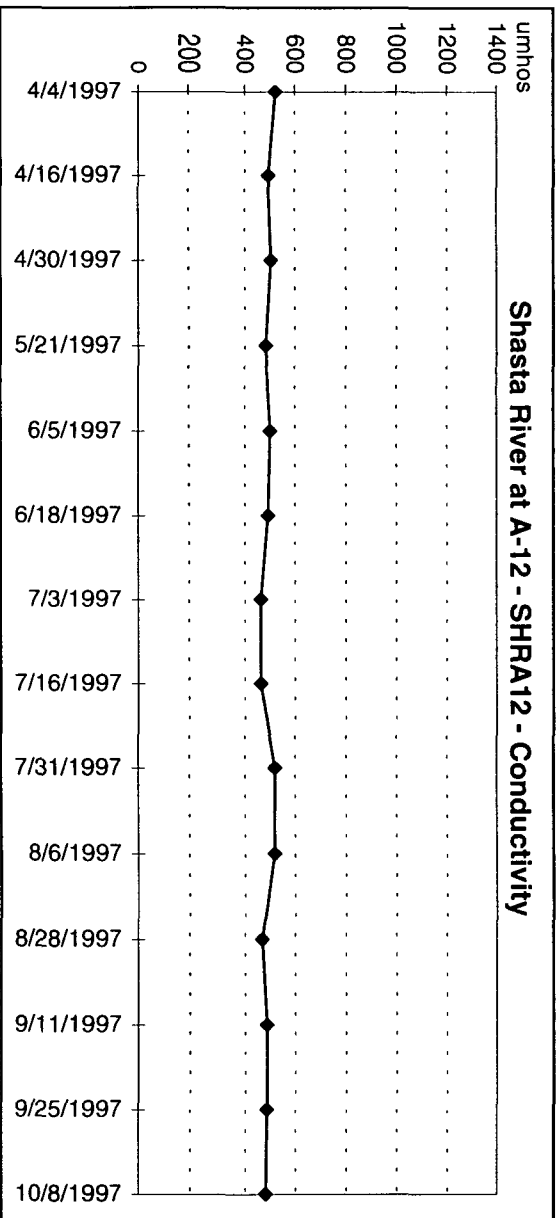
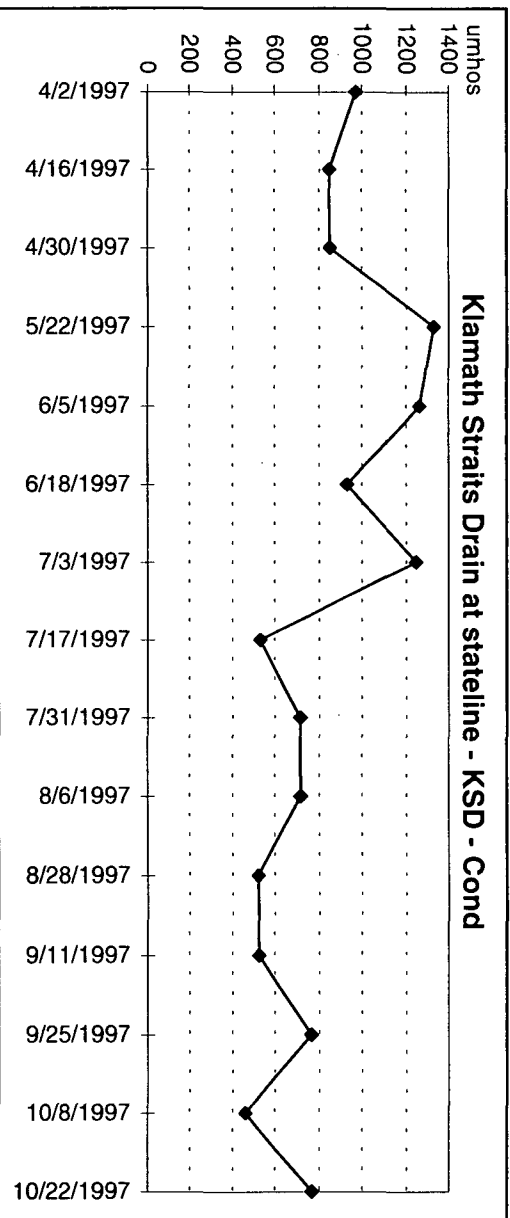
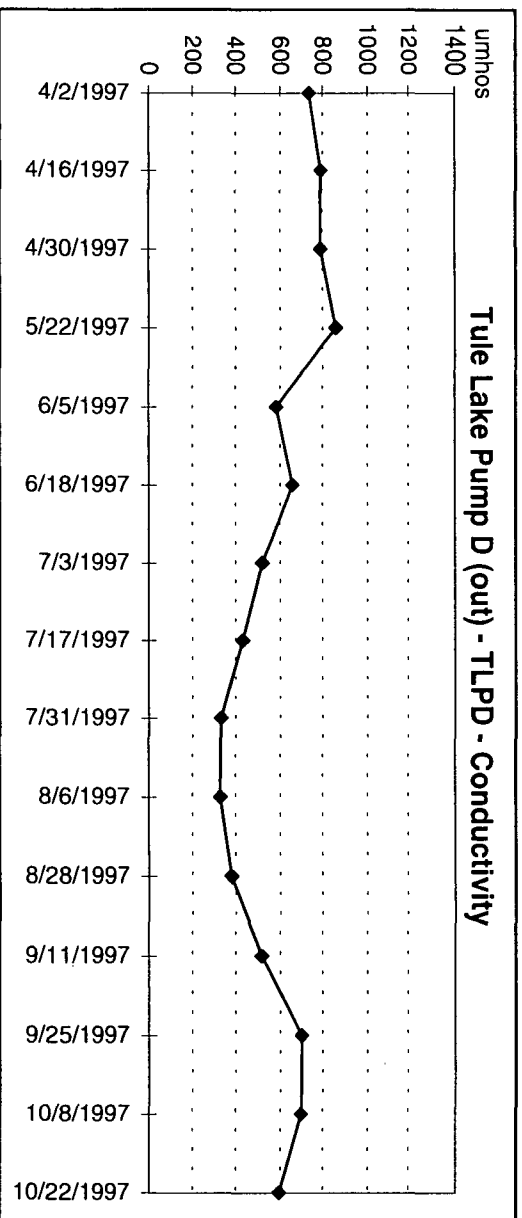
10-3

Site Conductivity

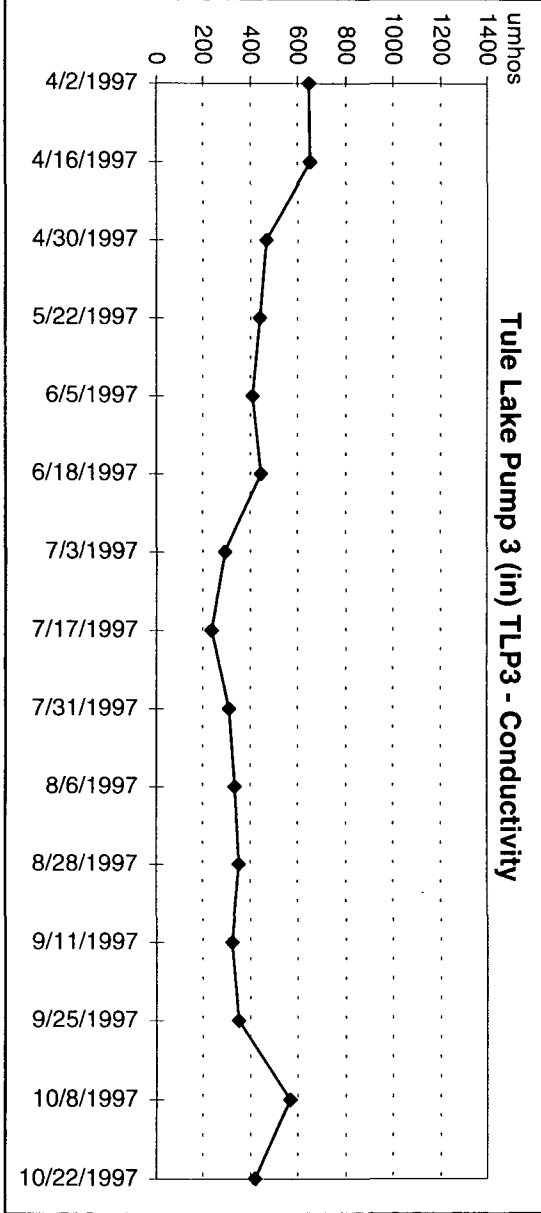
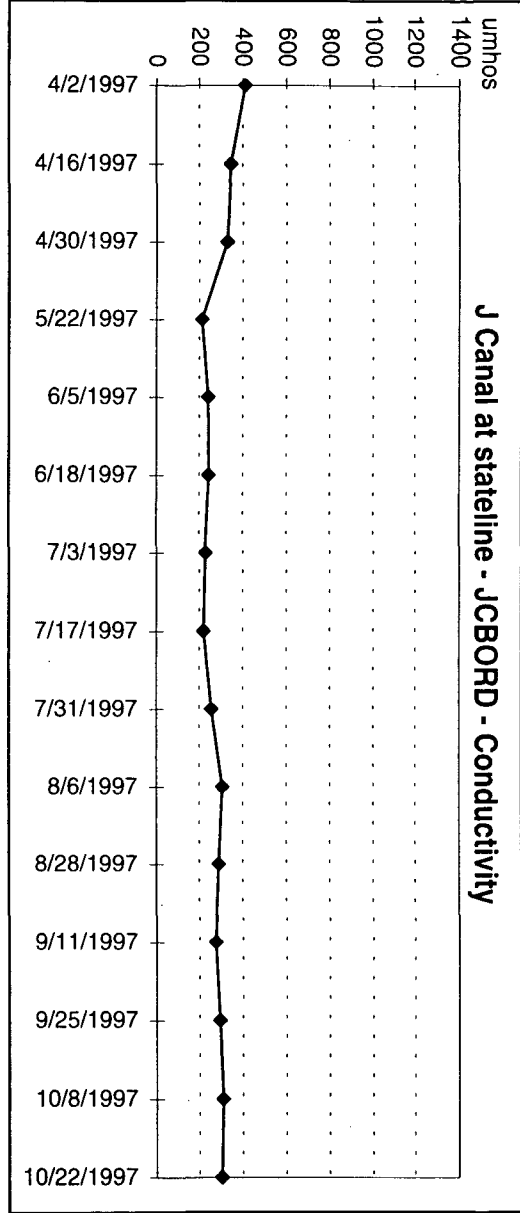
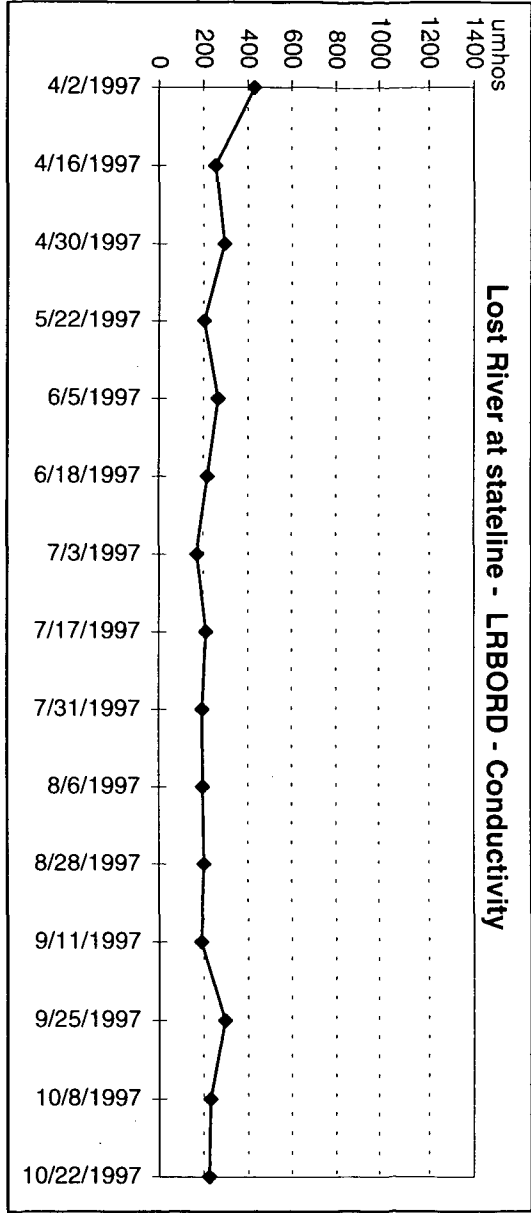


John

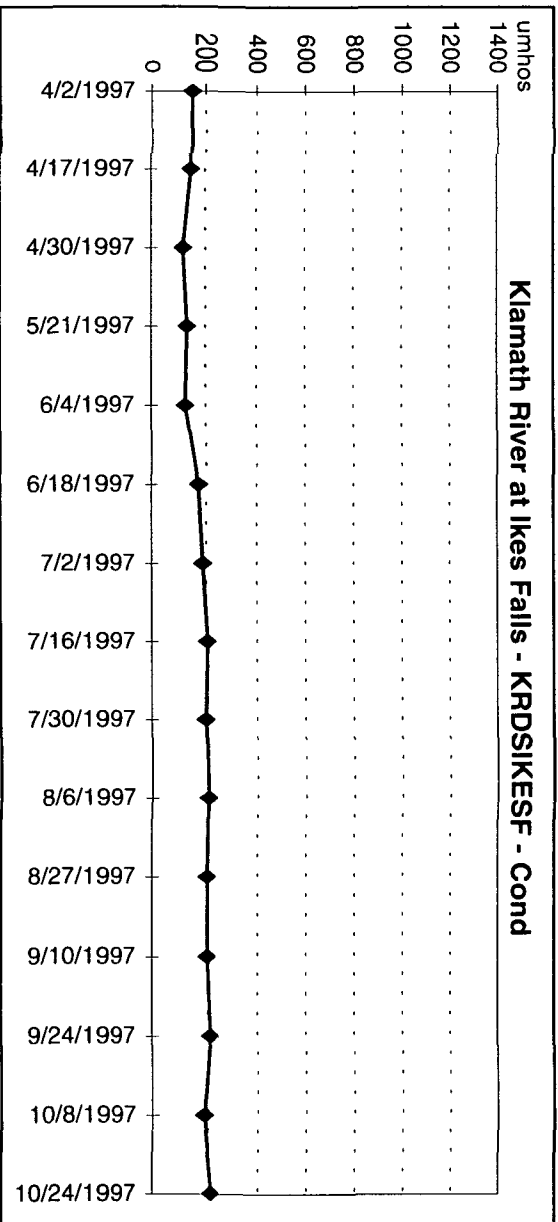
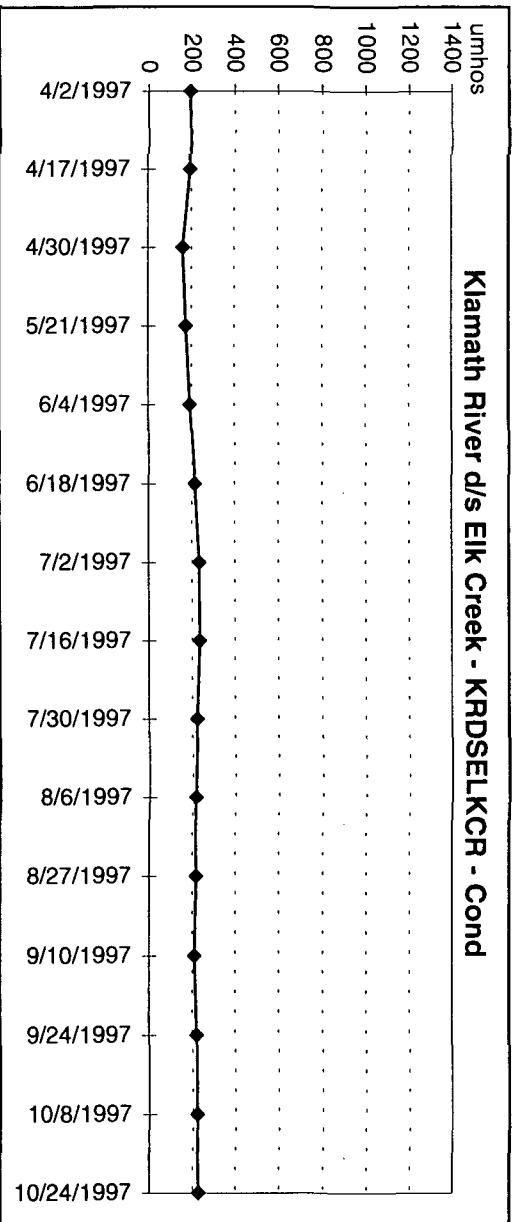
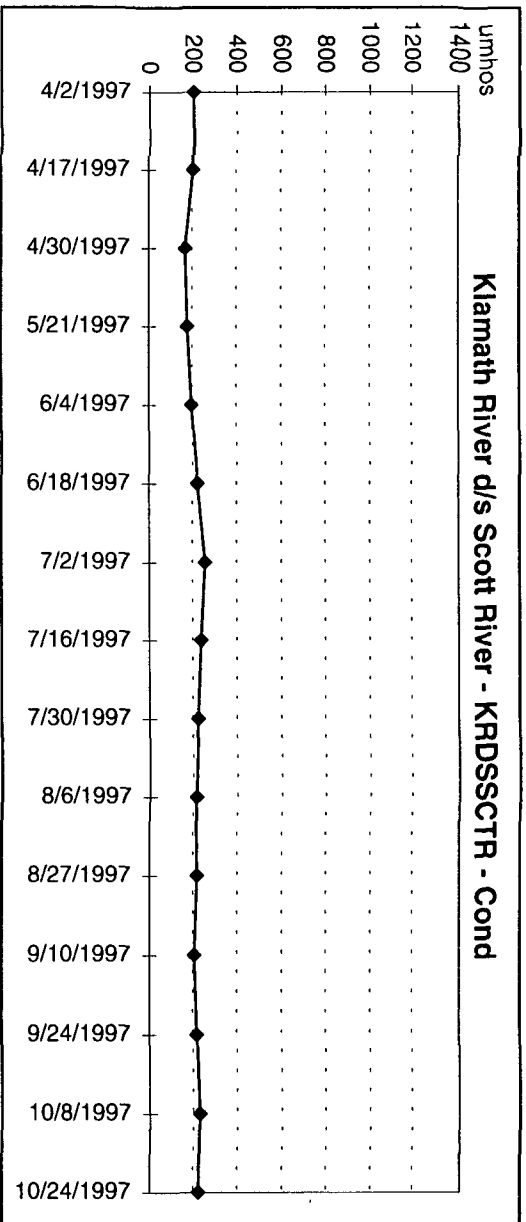
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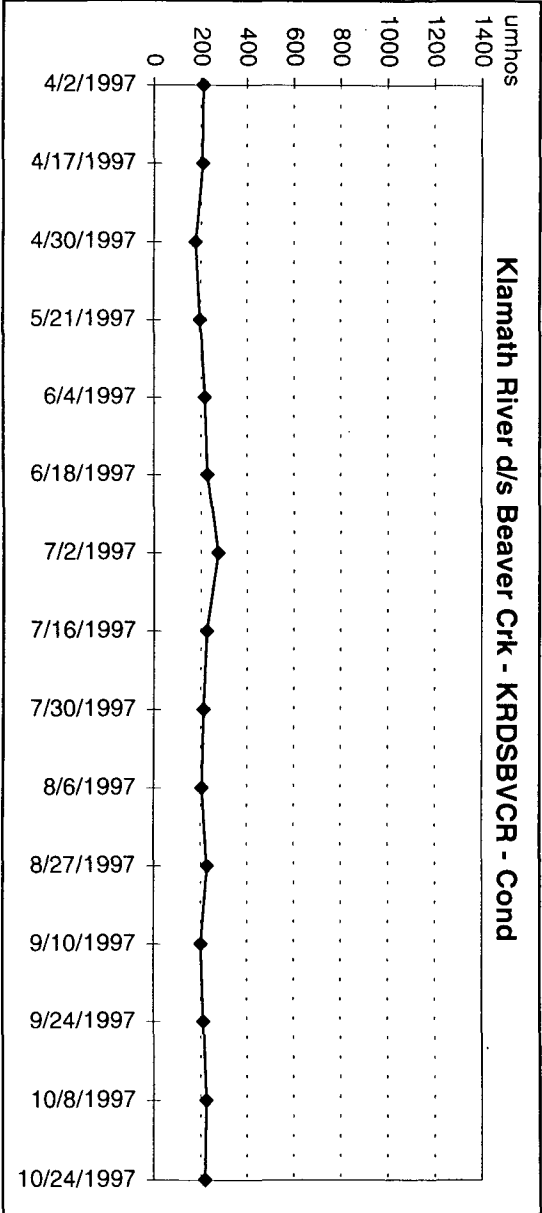
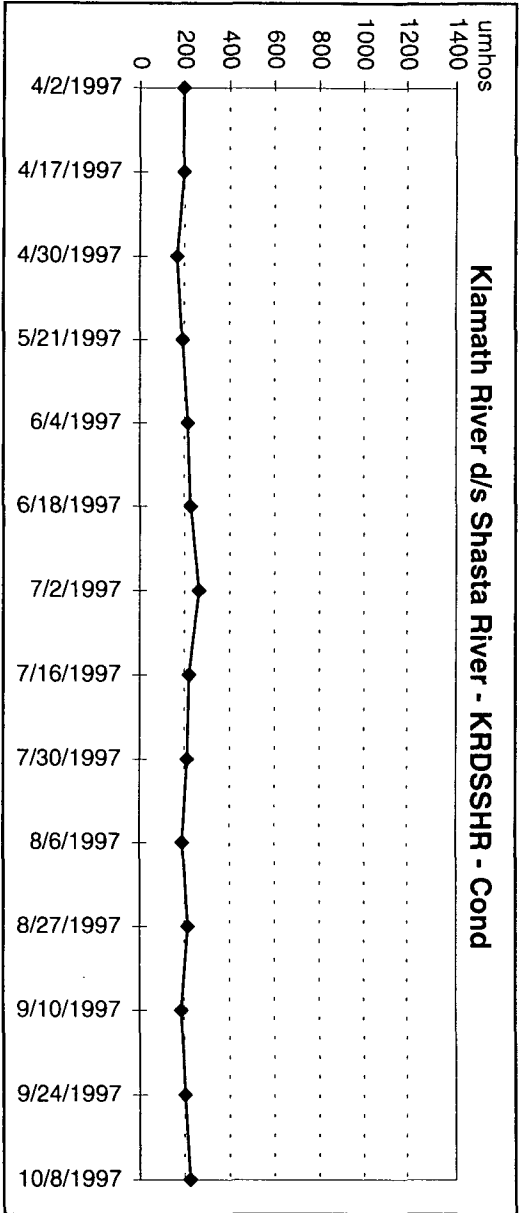
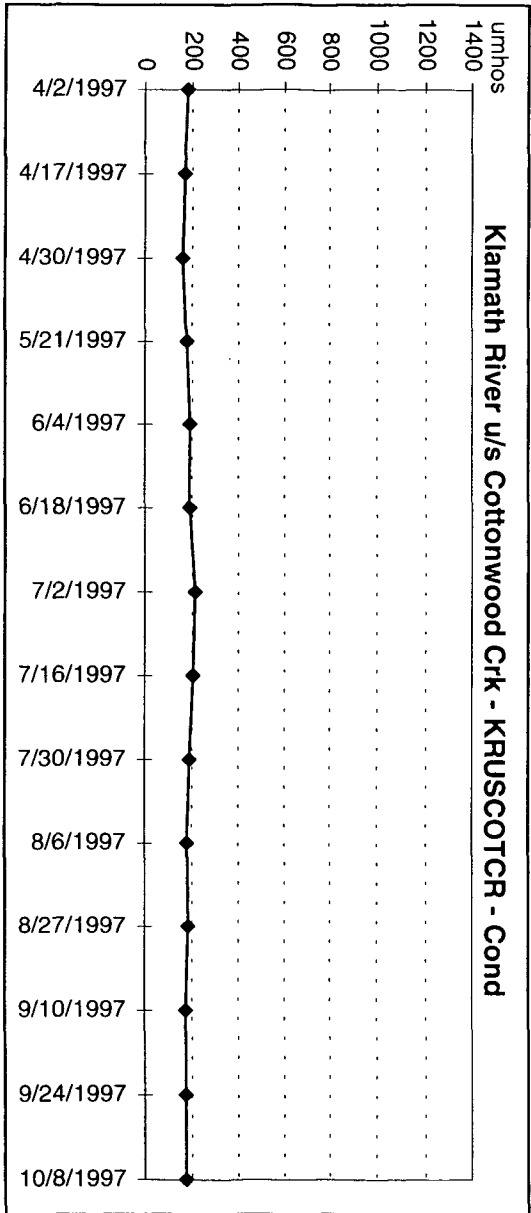
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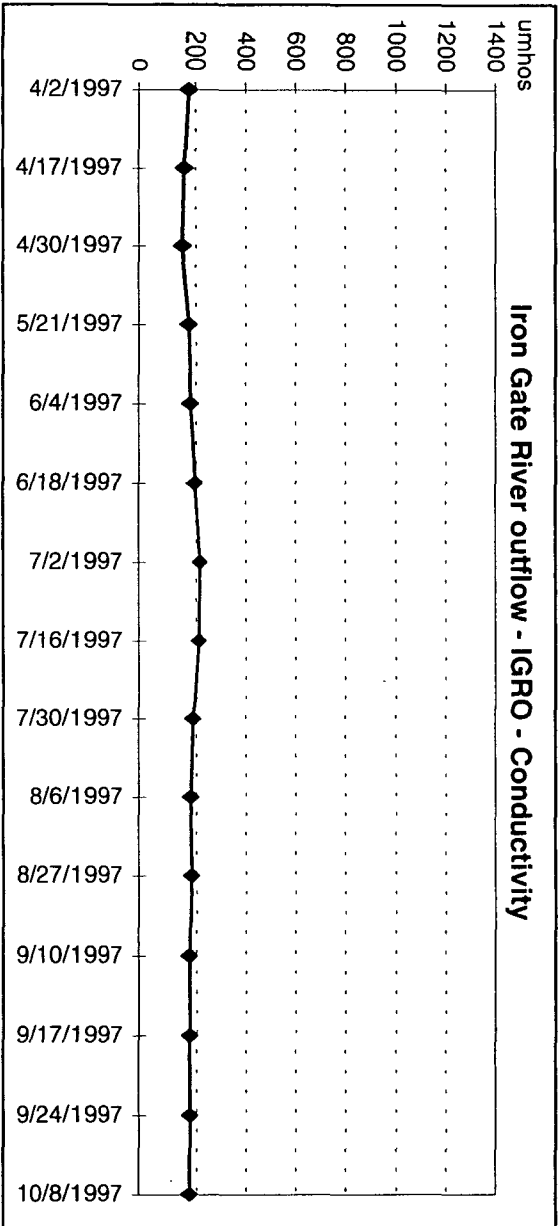
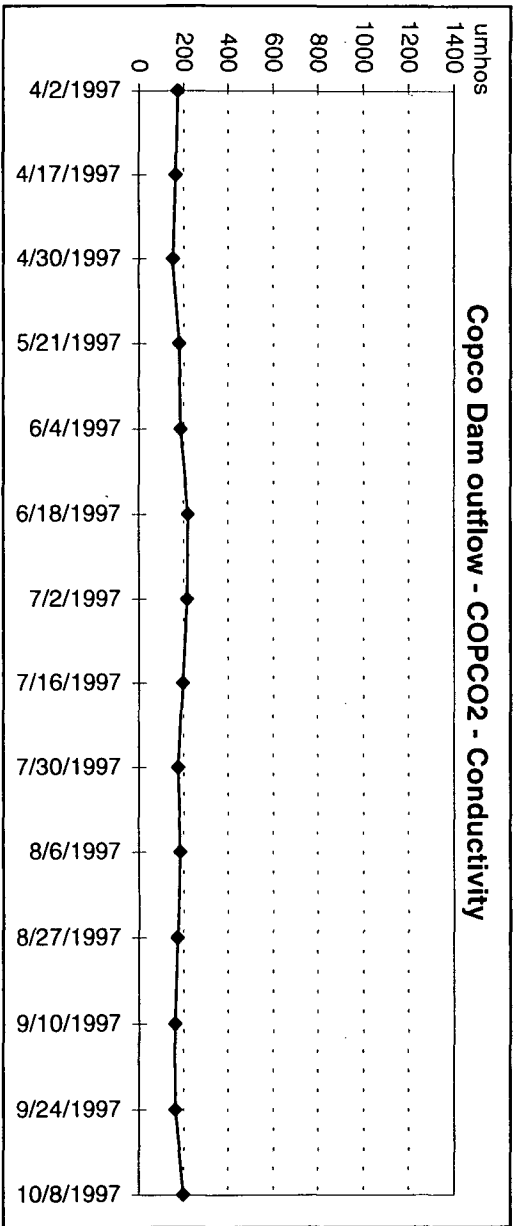
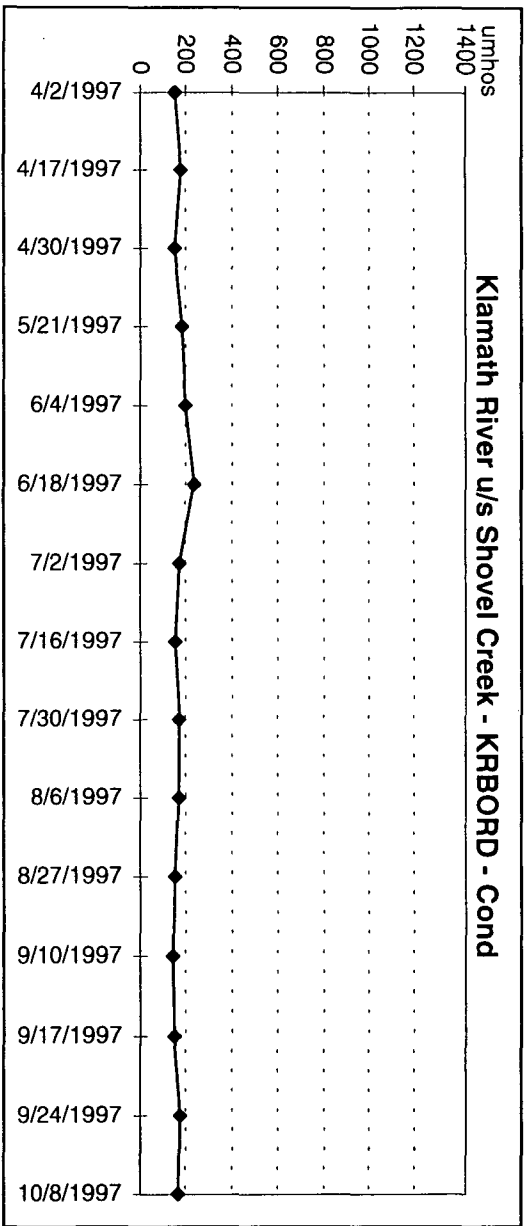
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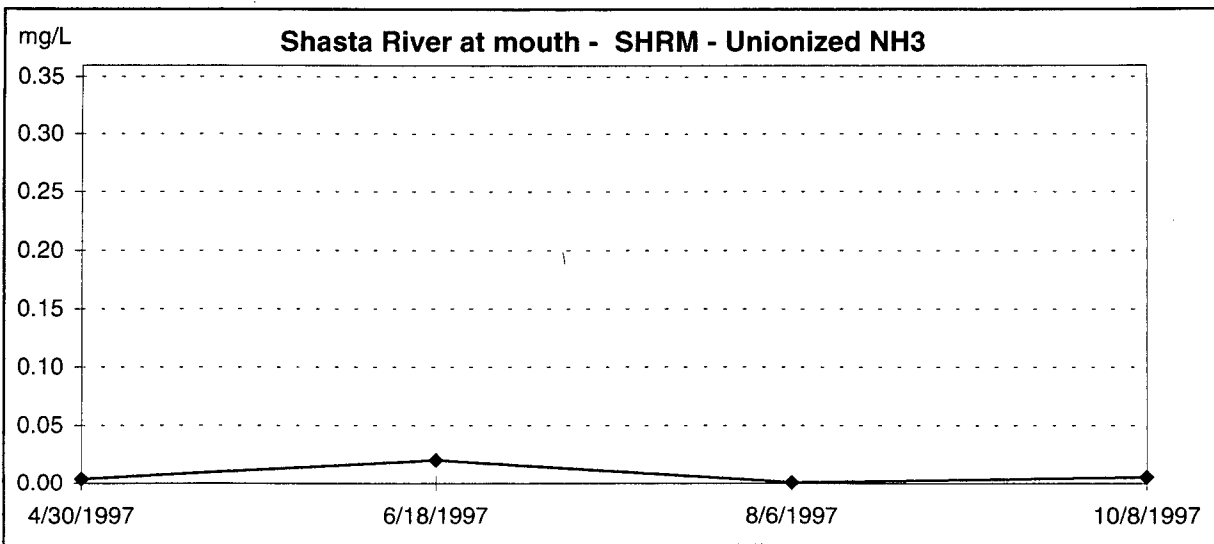
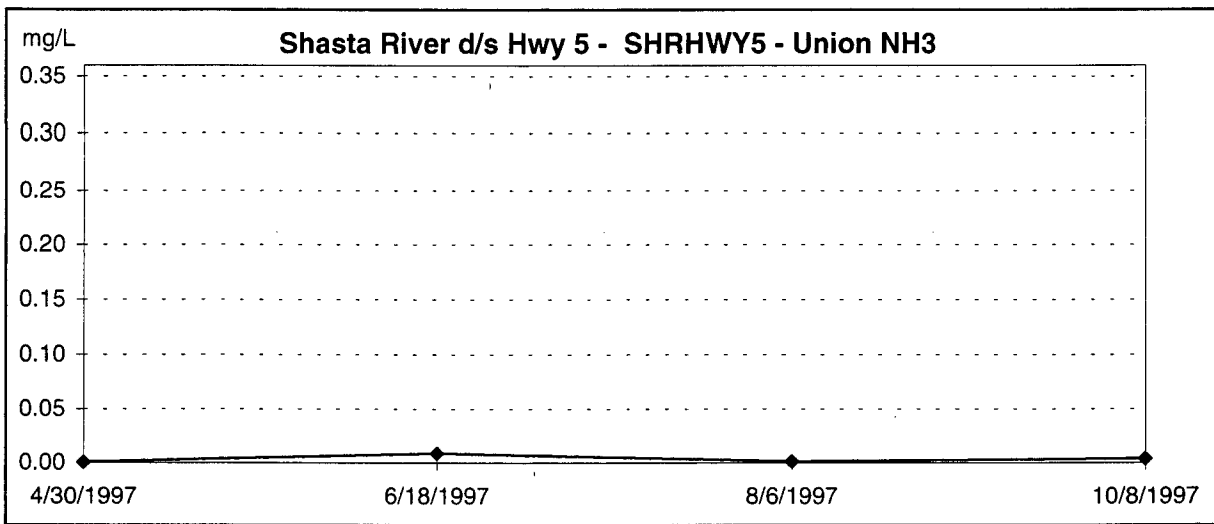
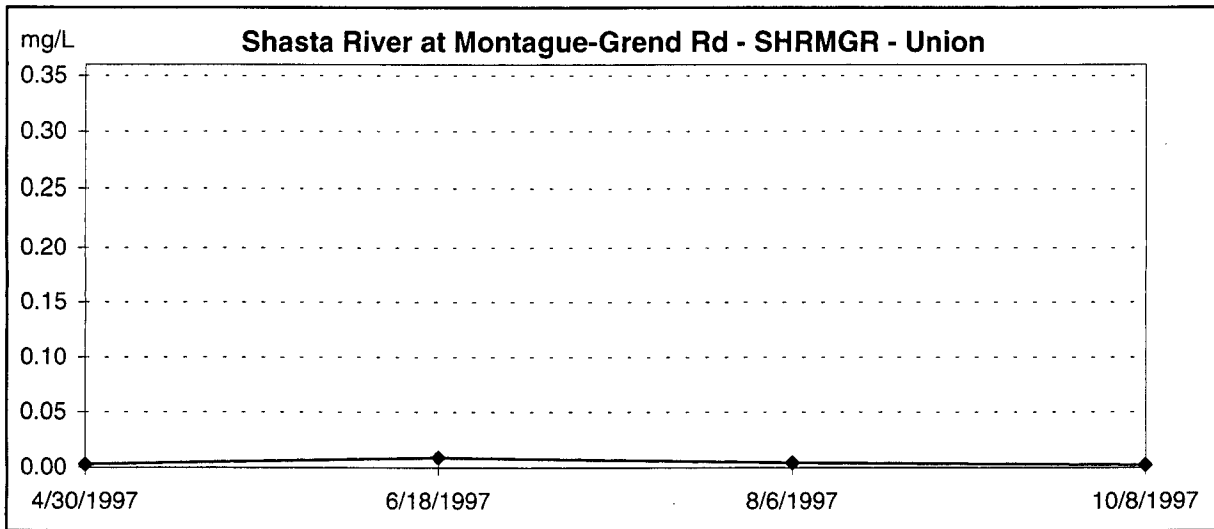
Site Conductivity



Site Conductivity

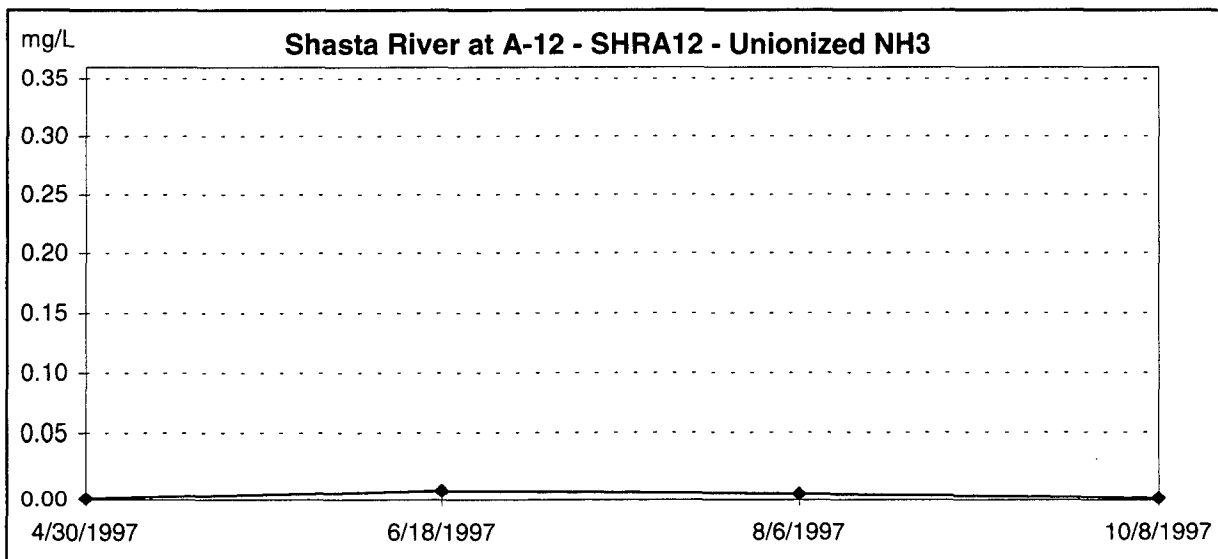
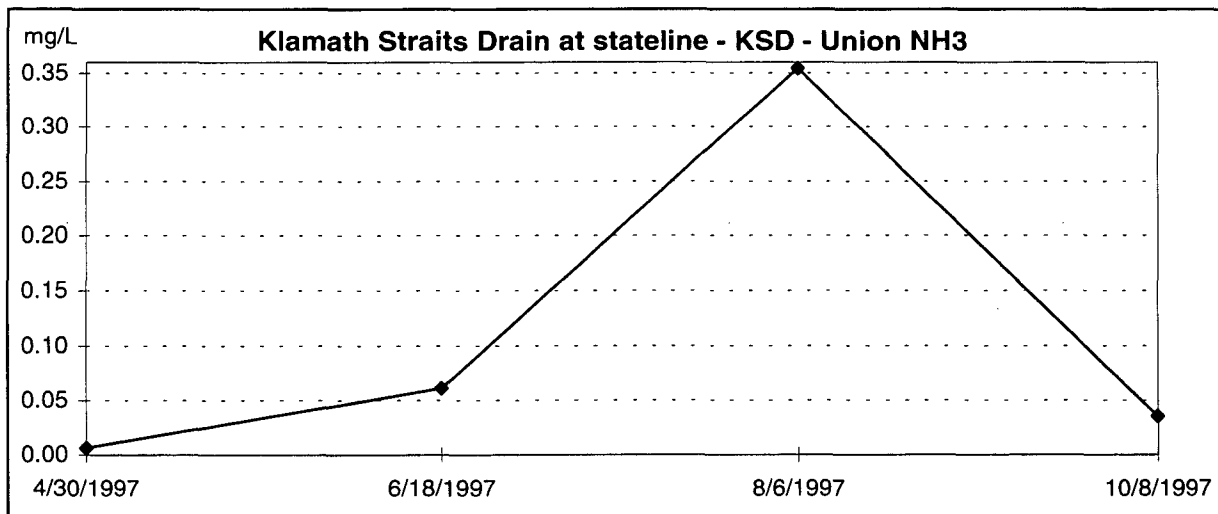
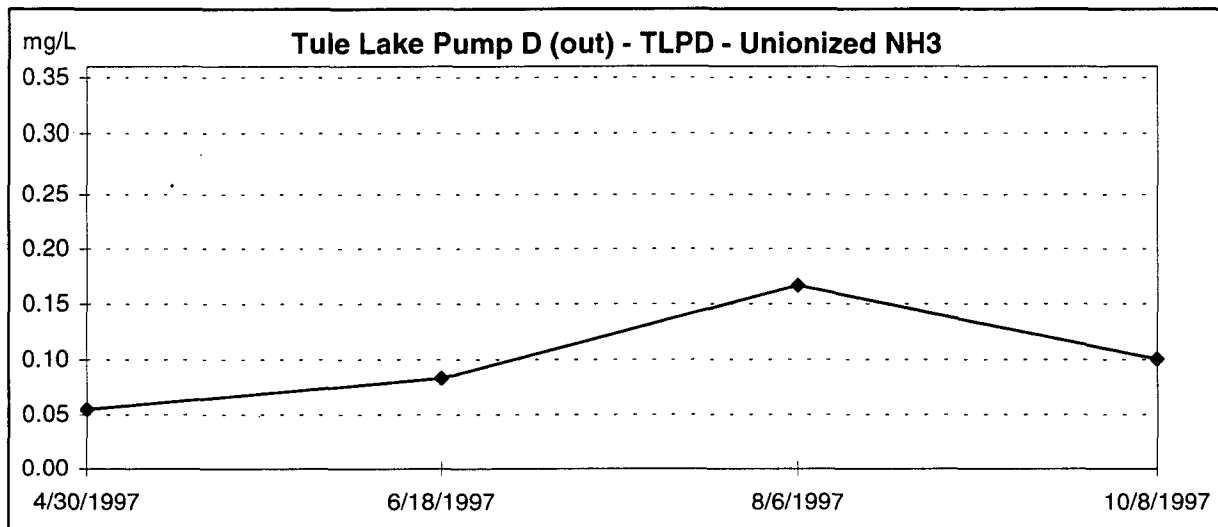


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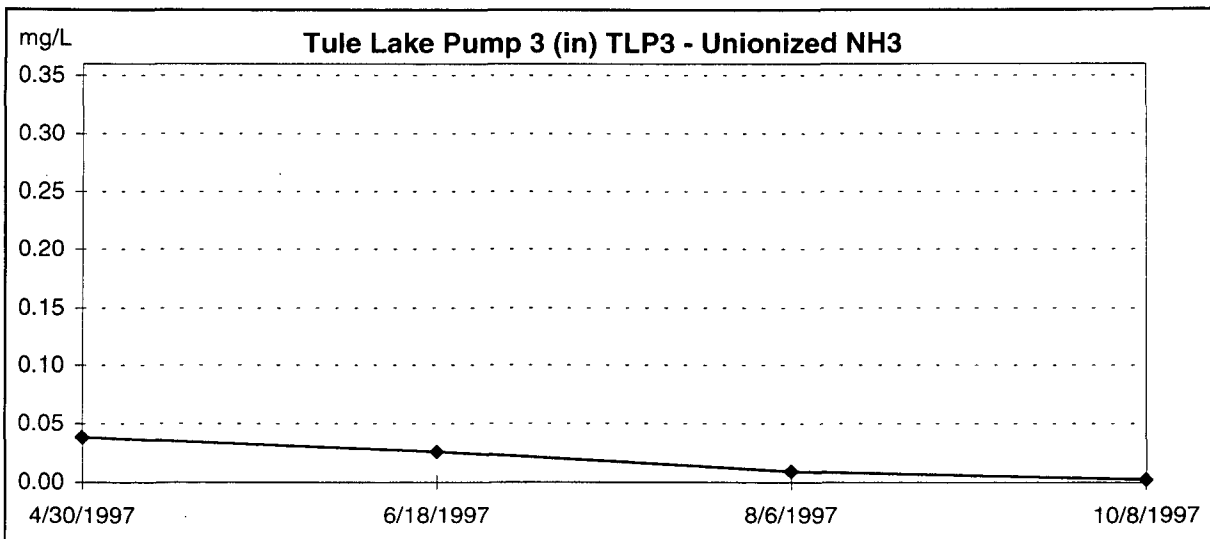
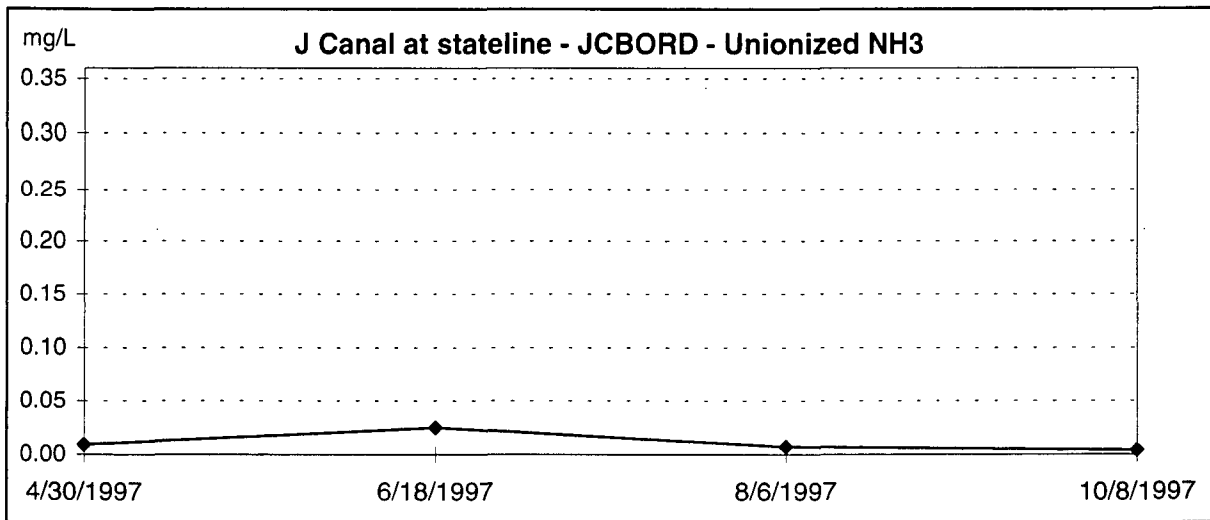
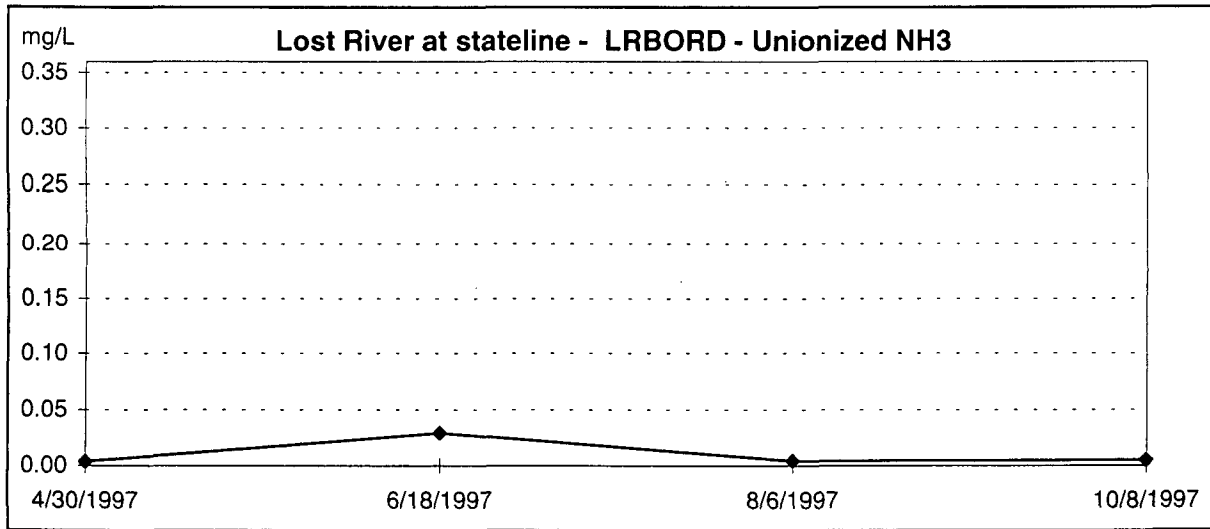


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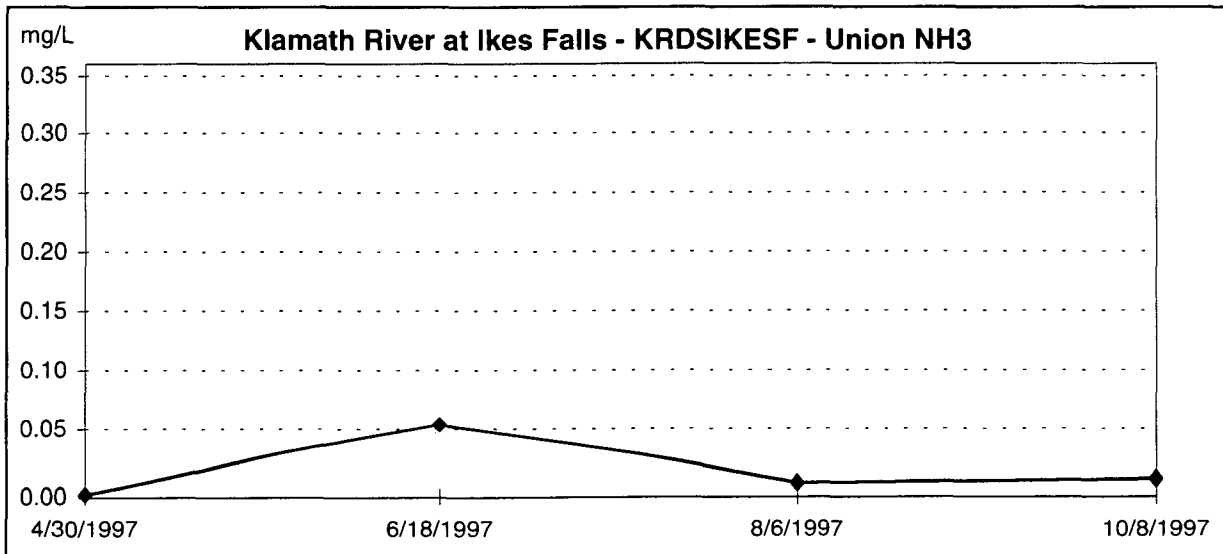
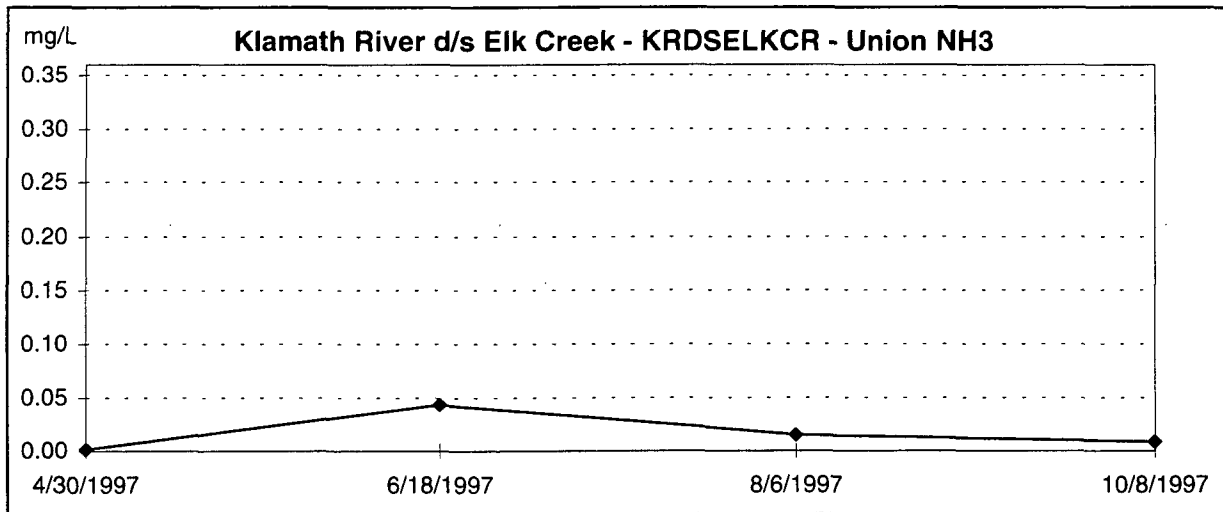
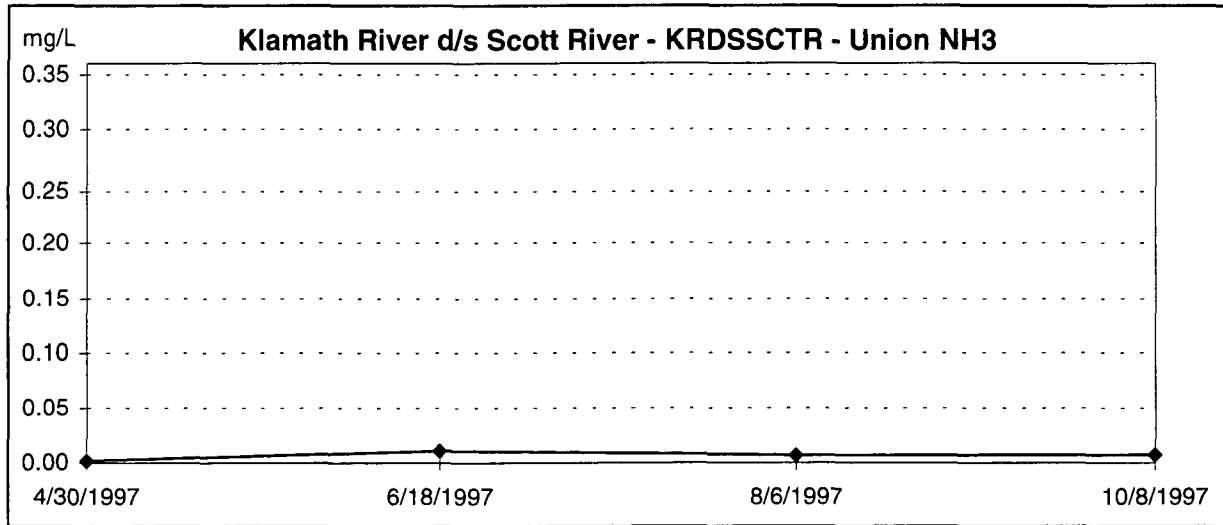
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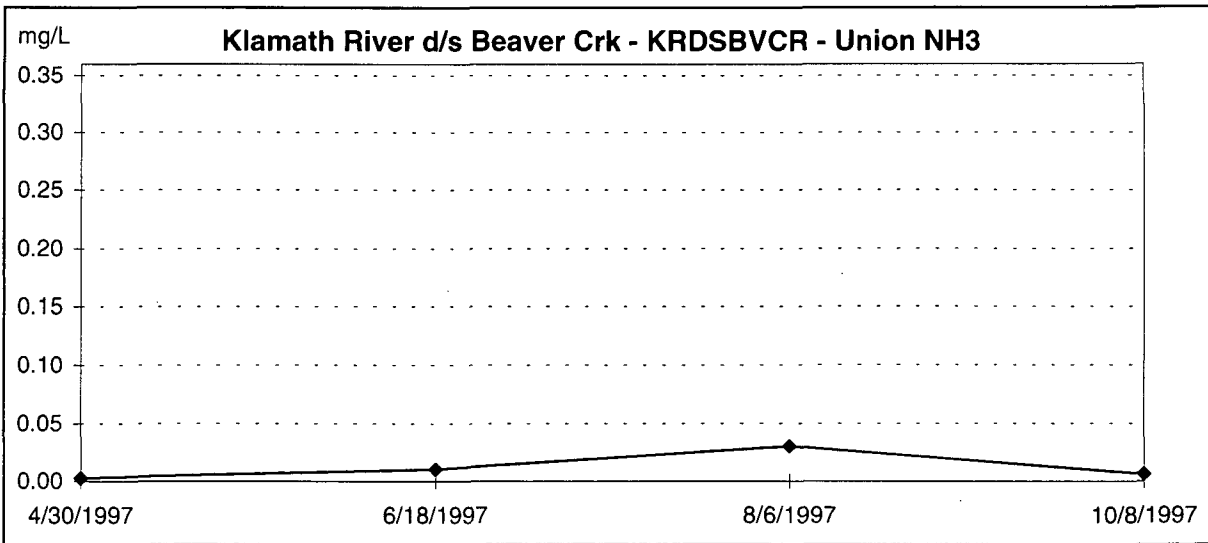
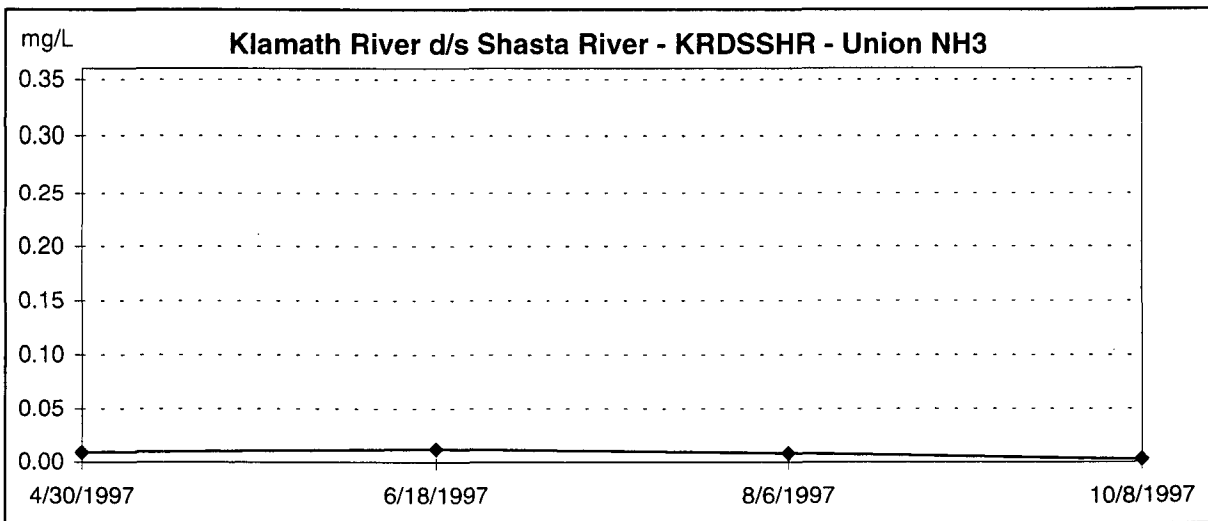
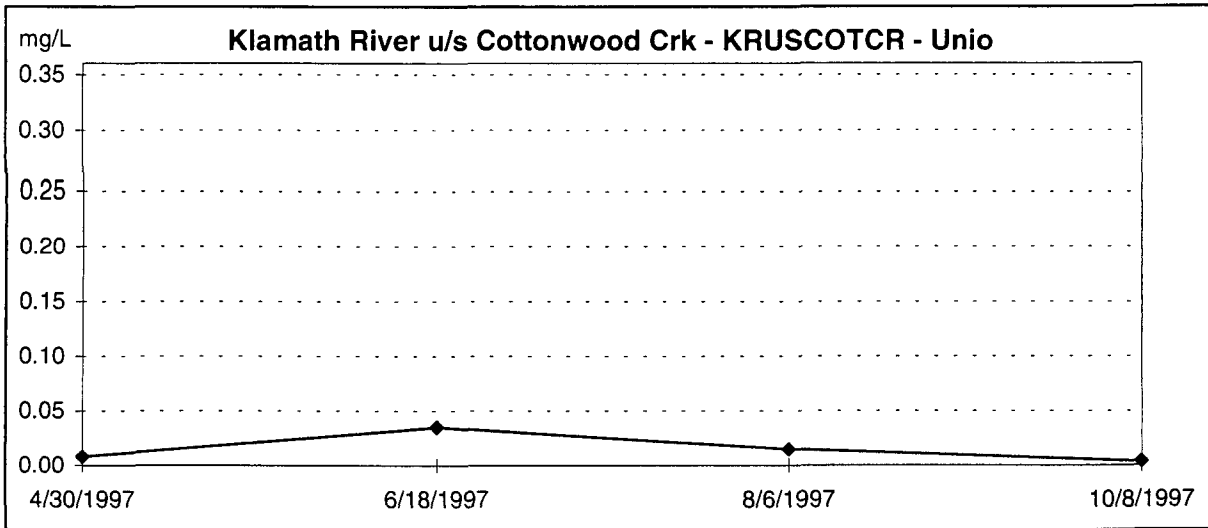
Site Unionized NH3



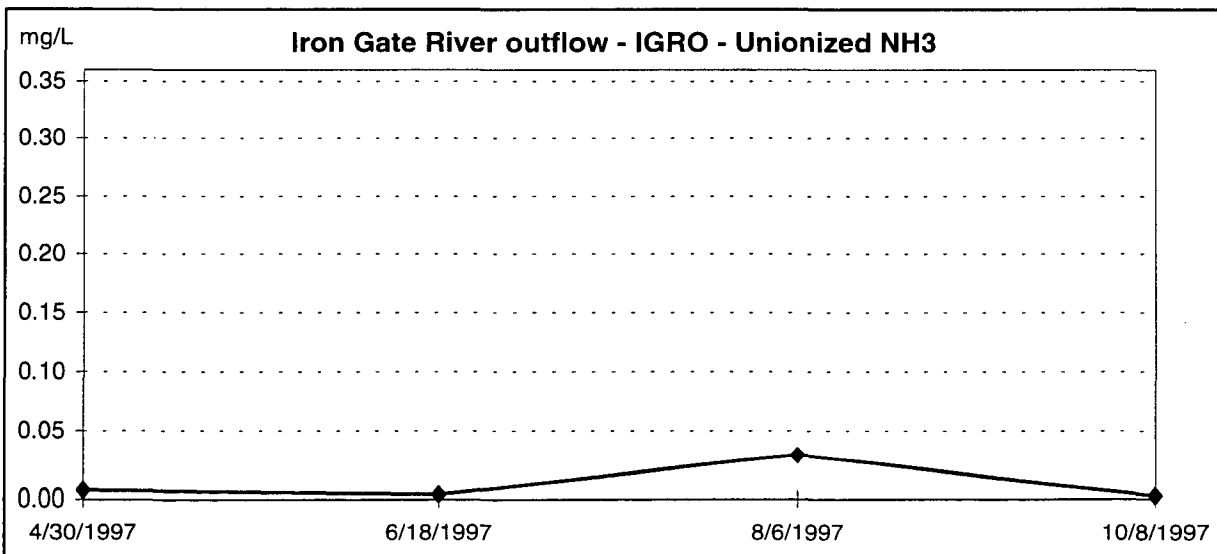
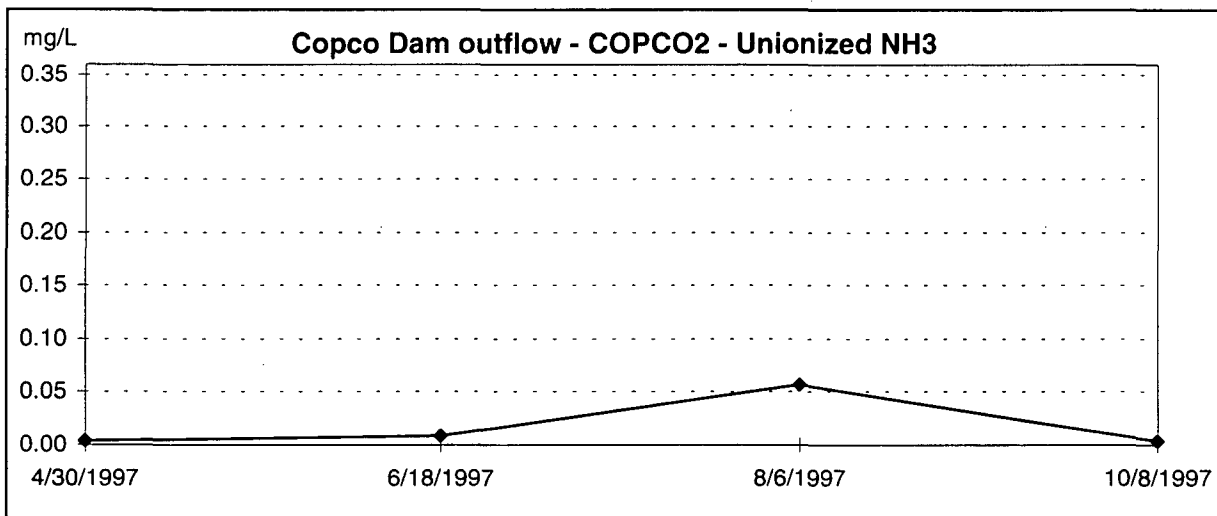
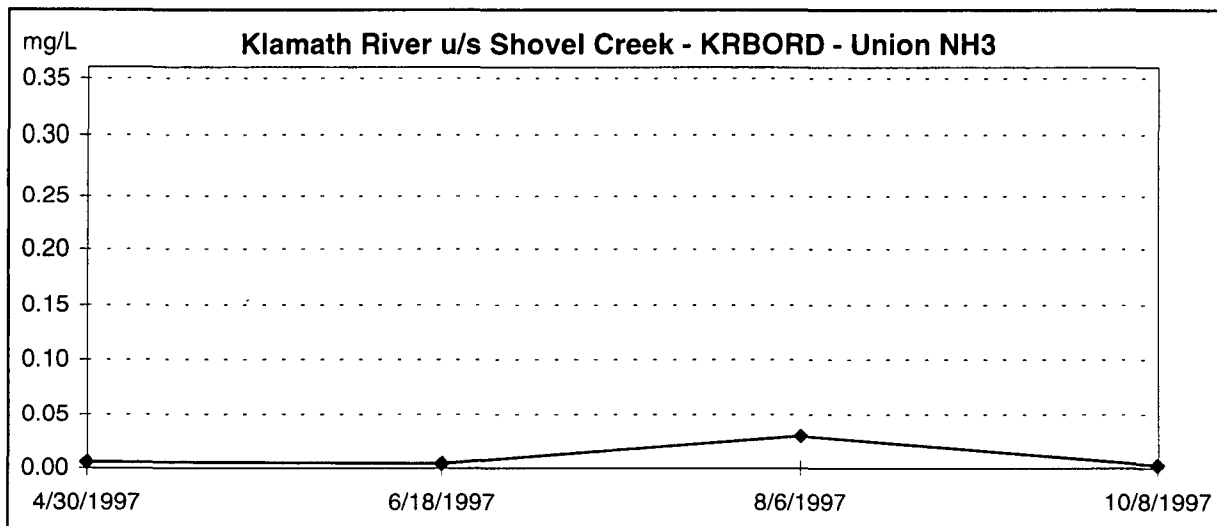
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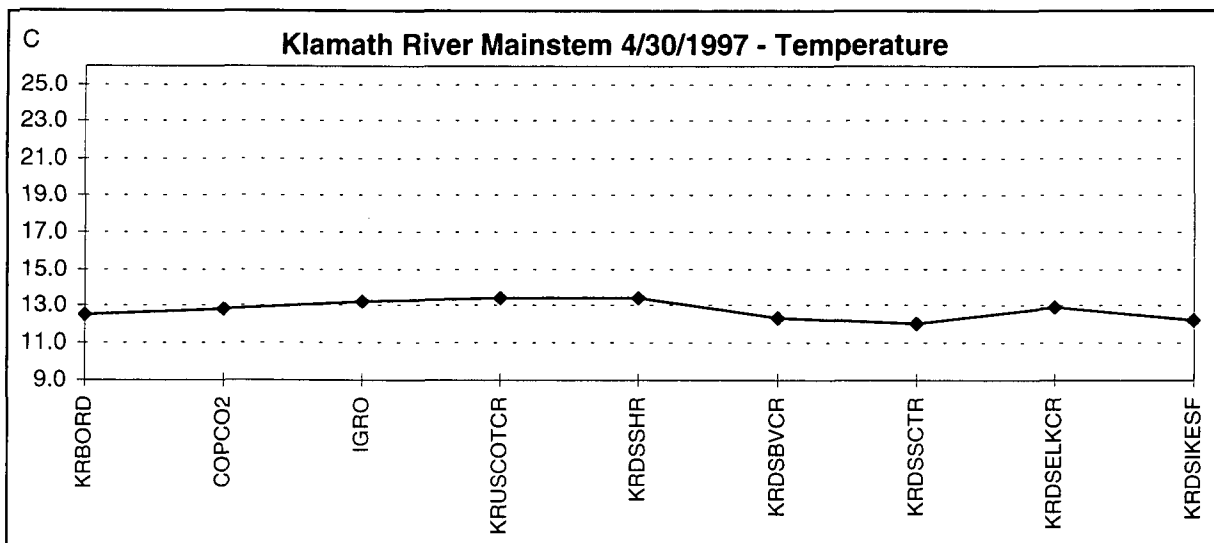
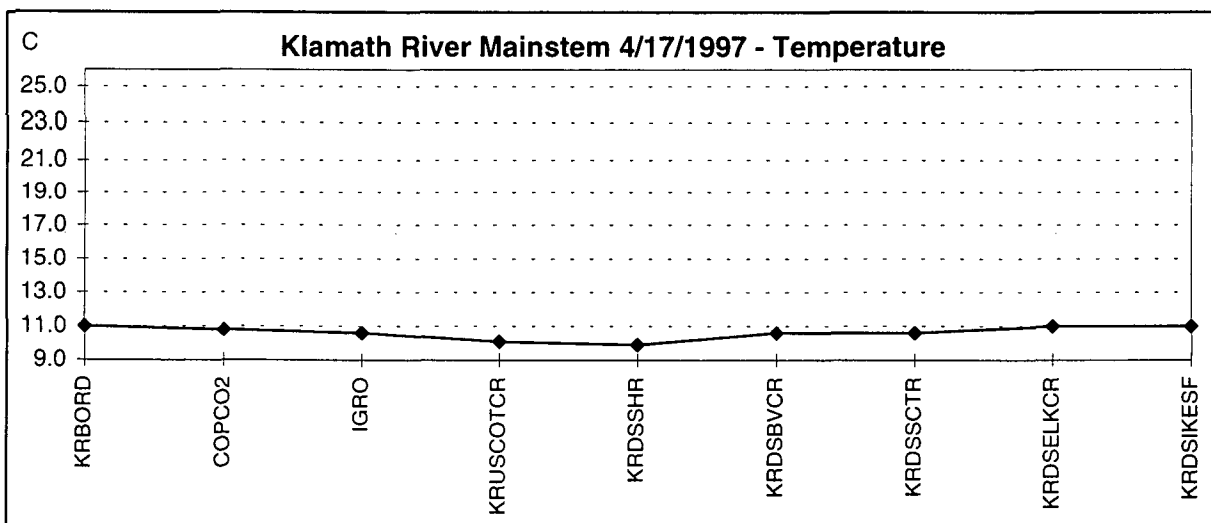
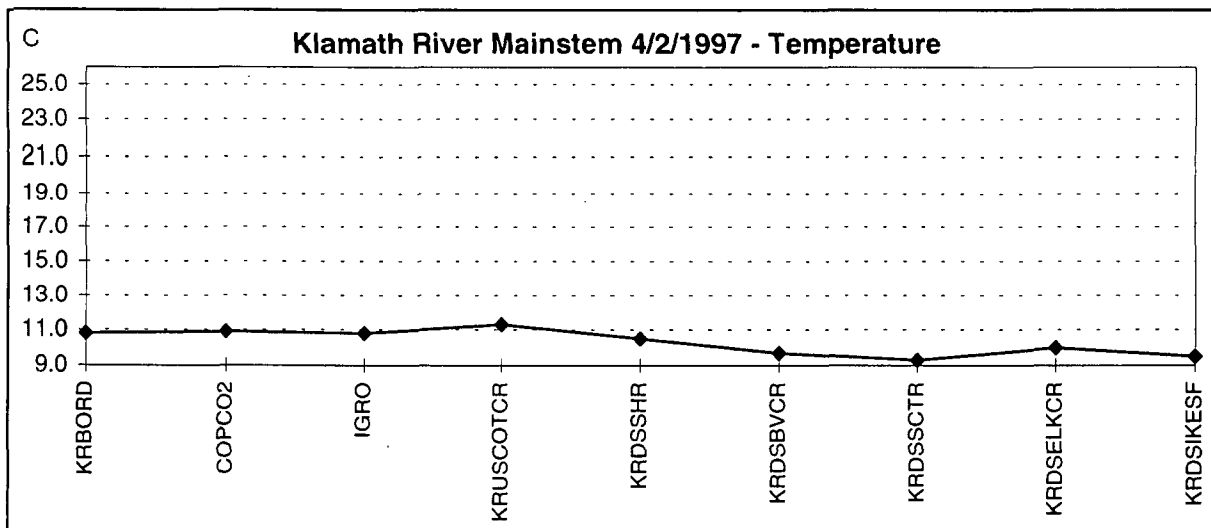
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Site Unionized NH3

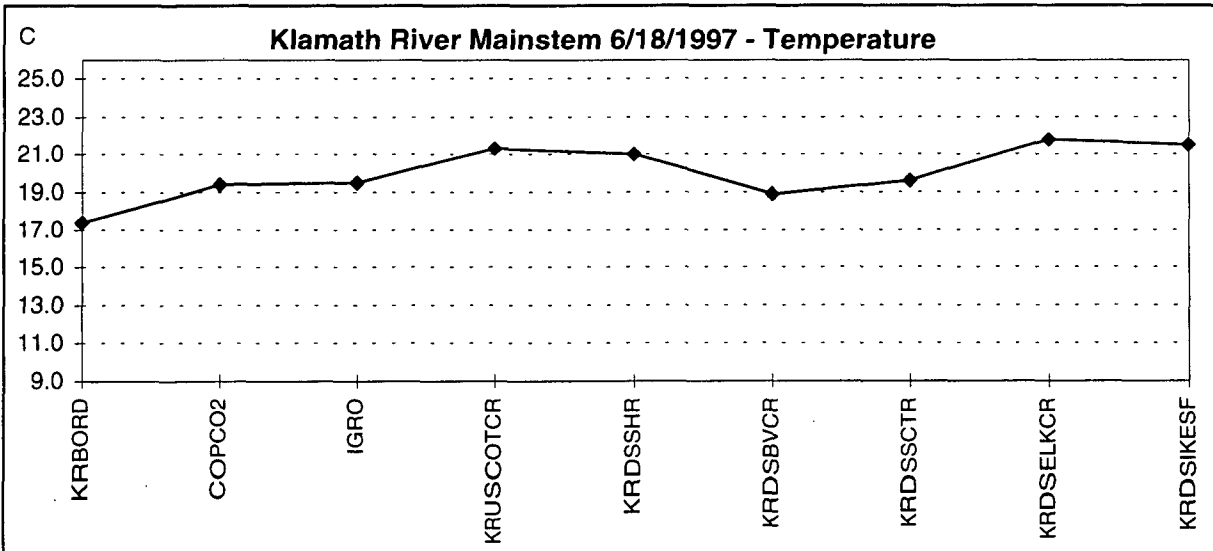
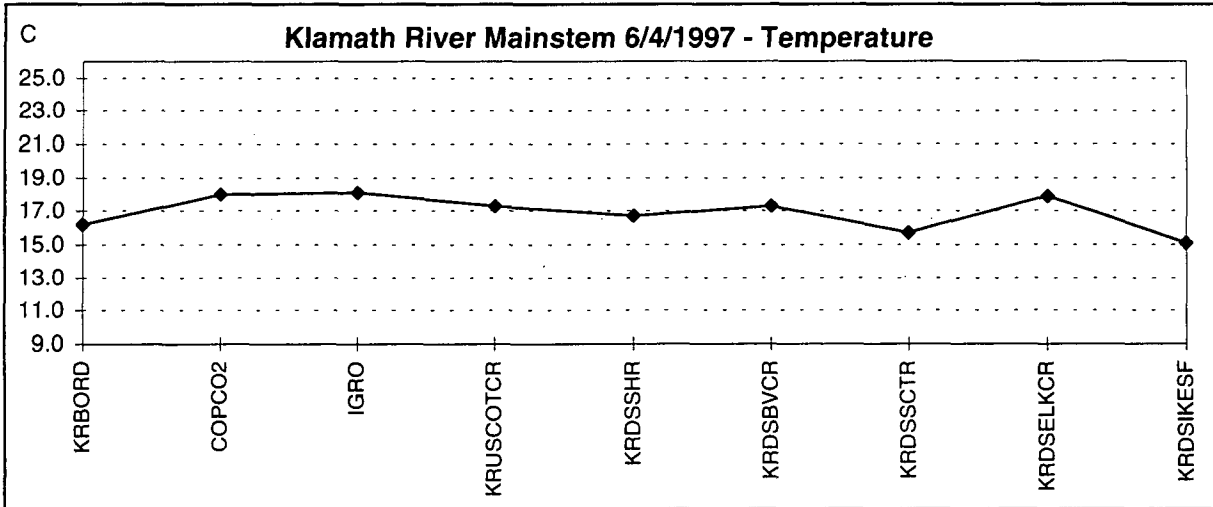
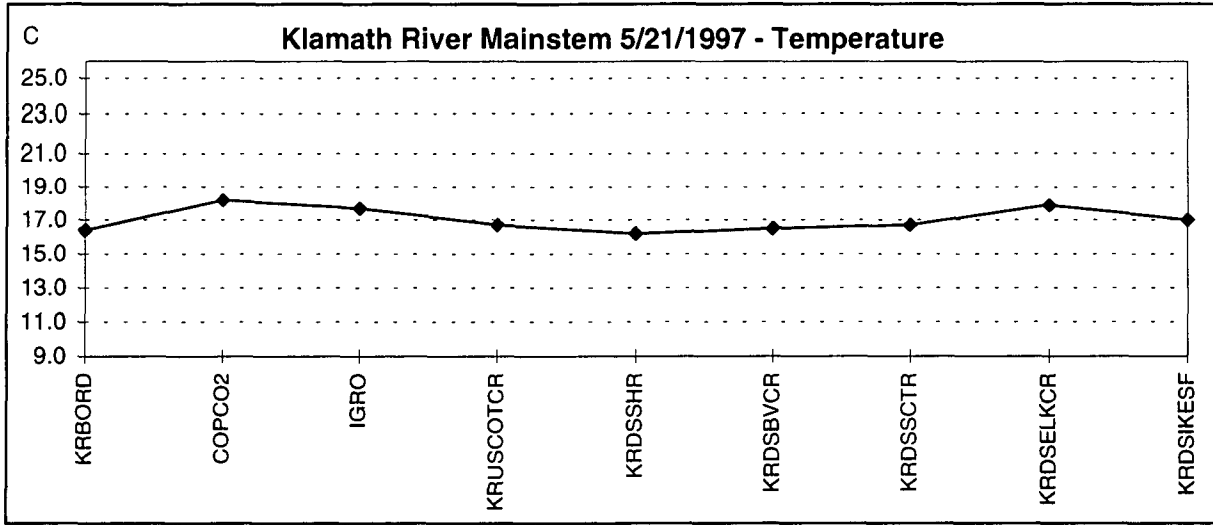


Mainstem Date Temps

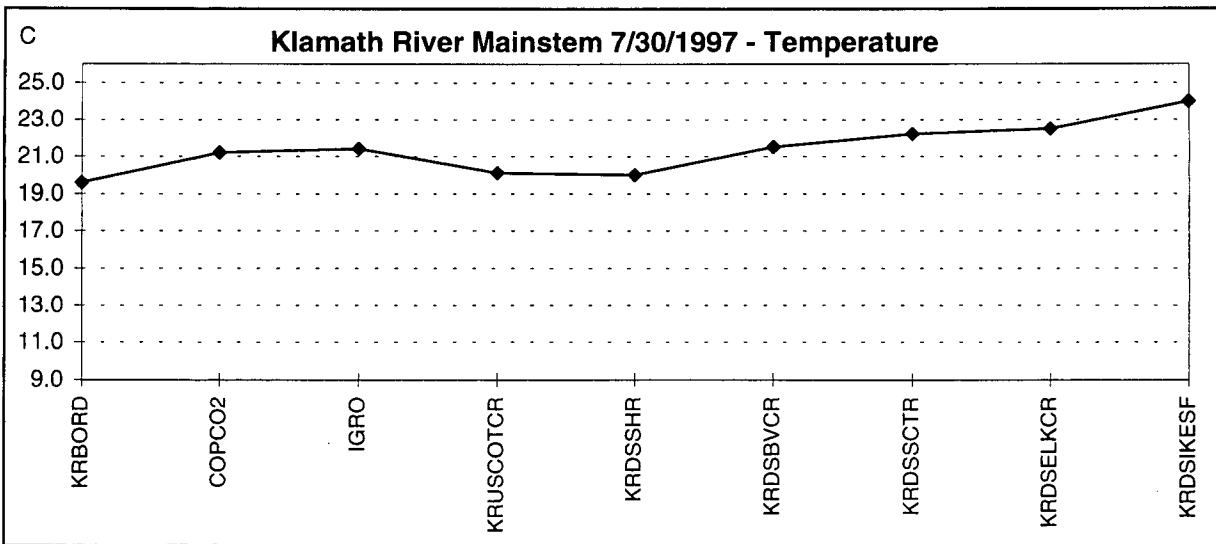
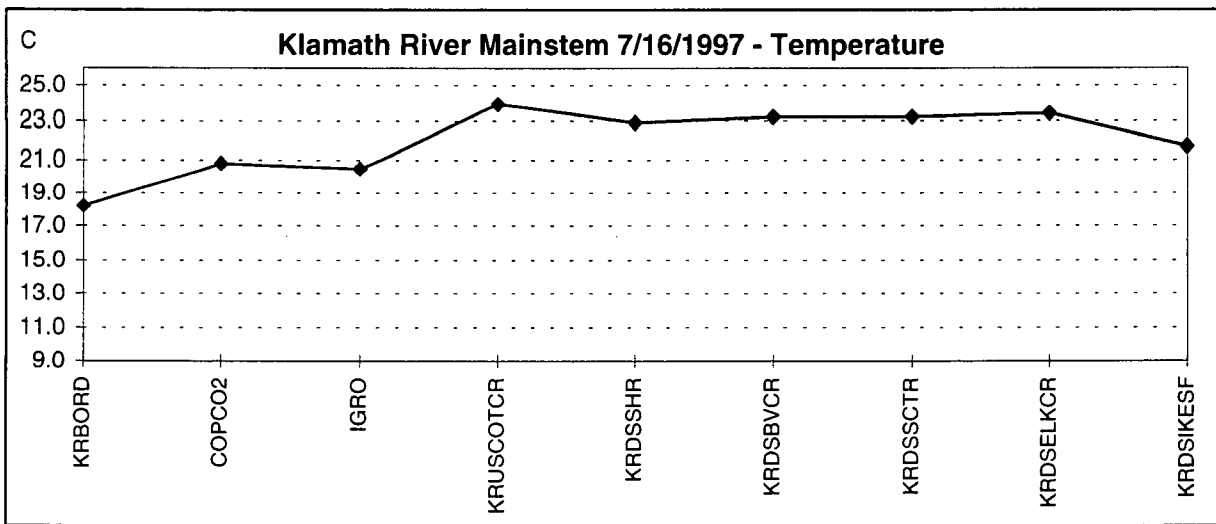
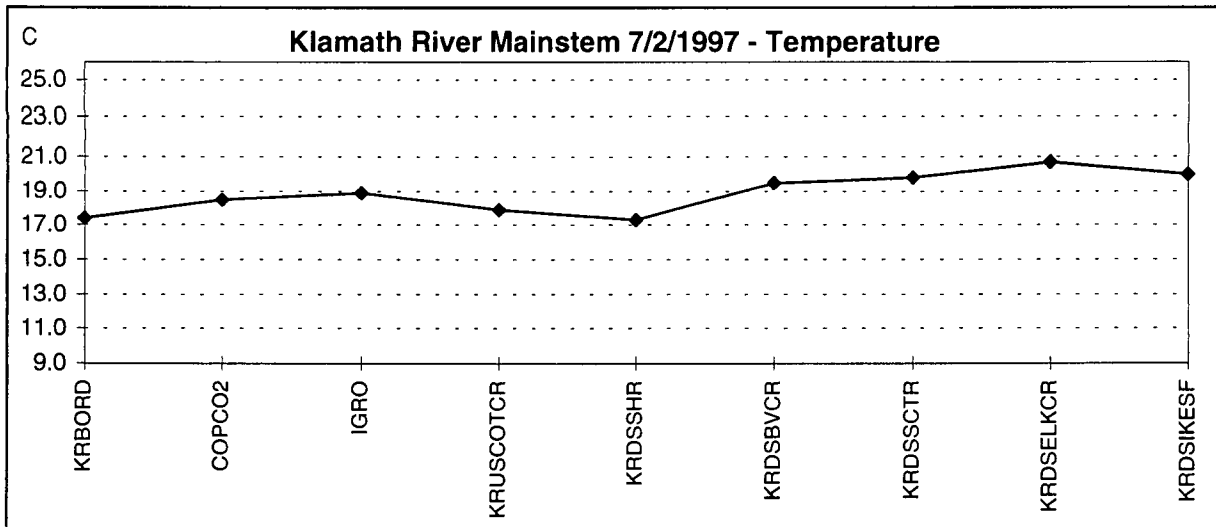


tab 6

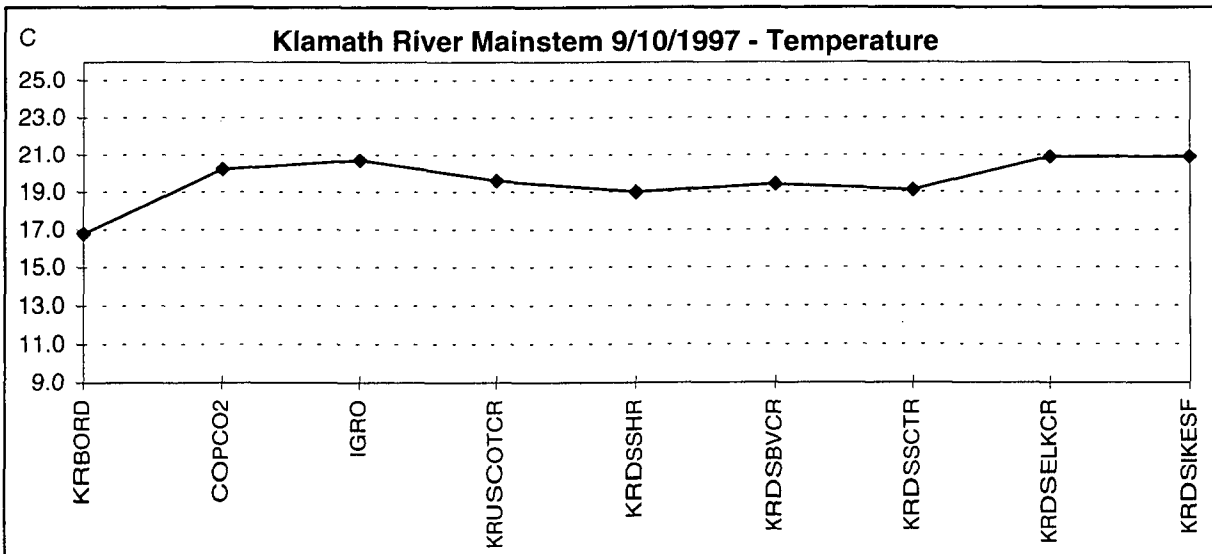
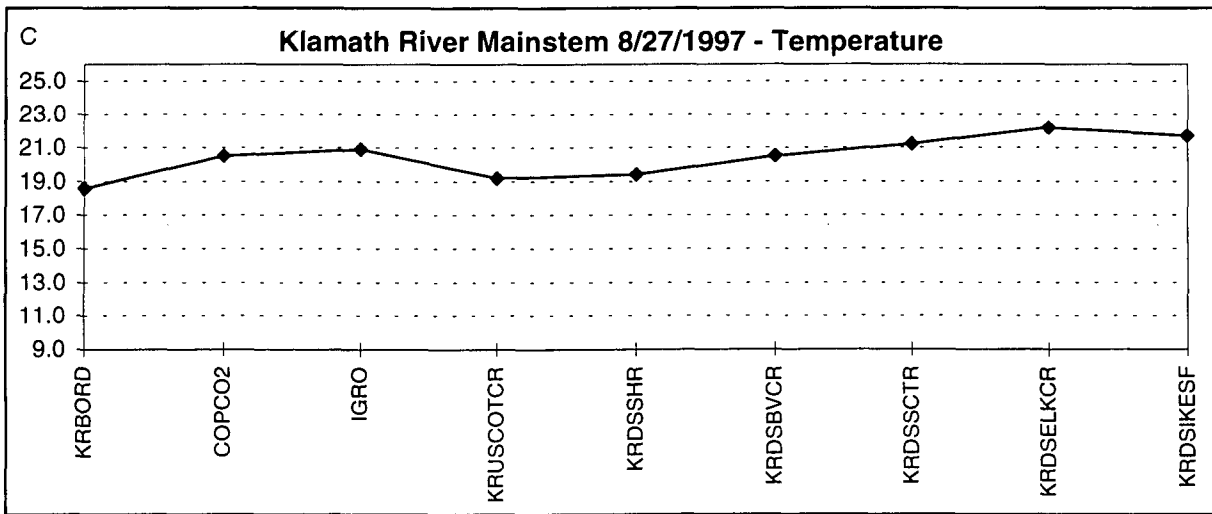
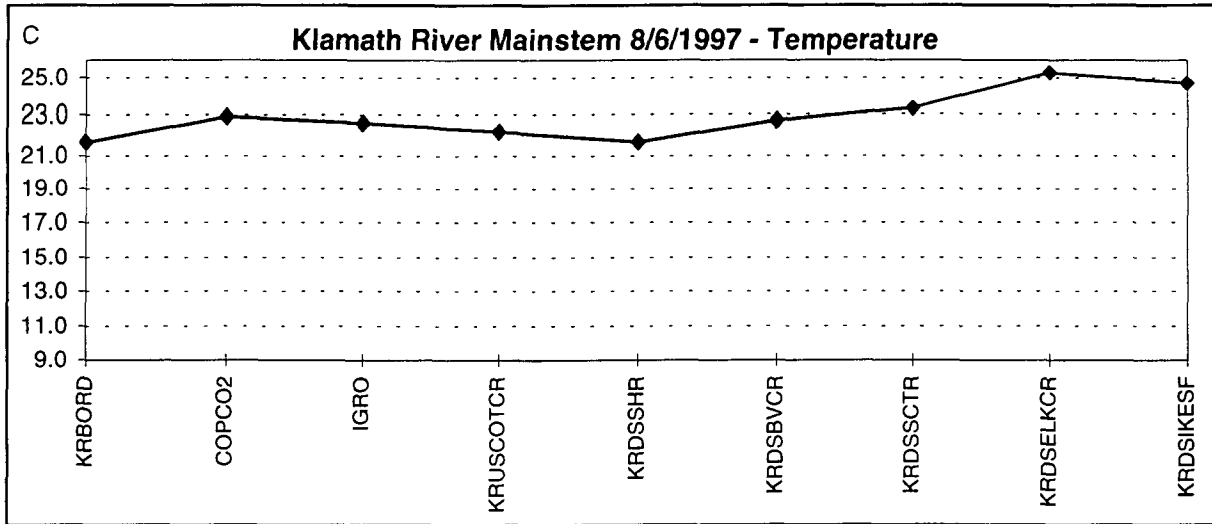
Mainstem Date Temps



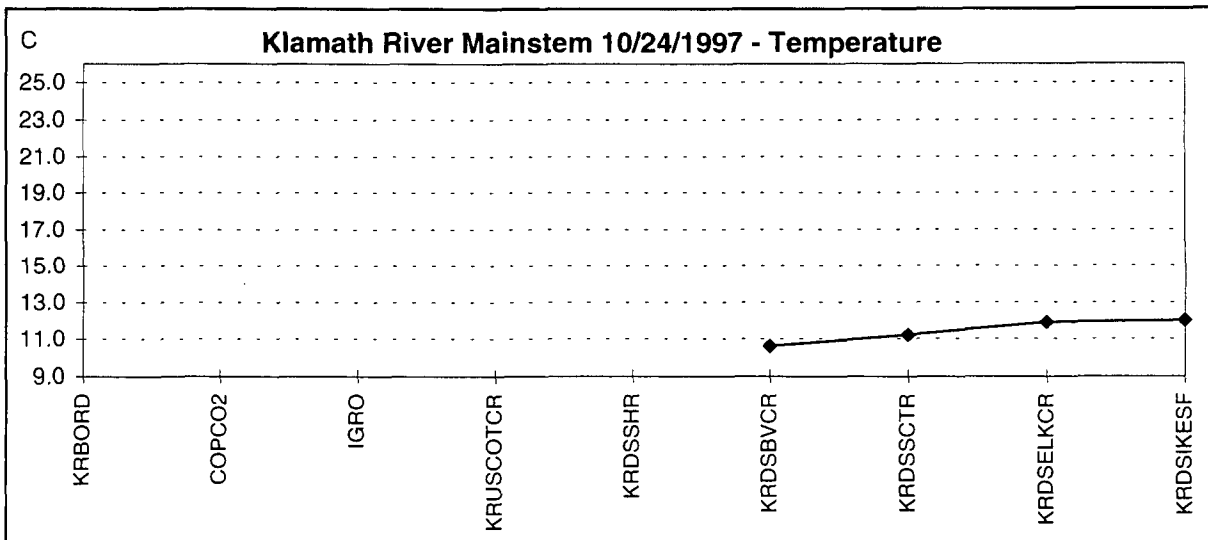
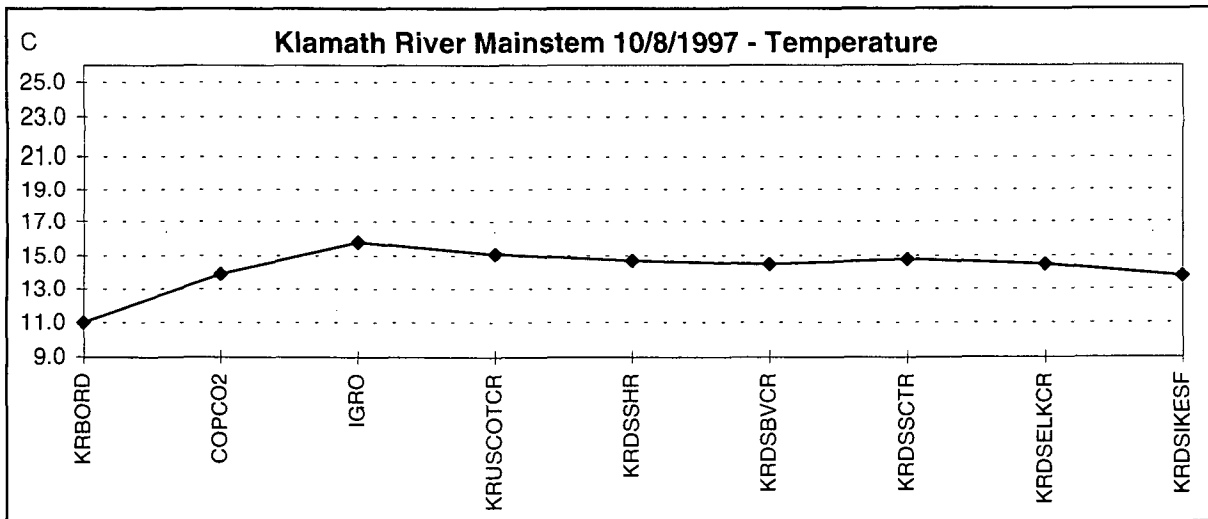
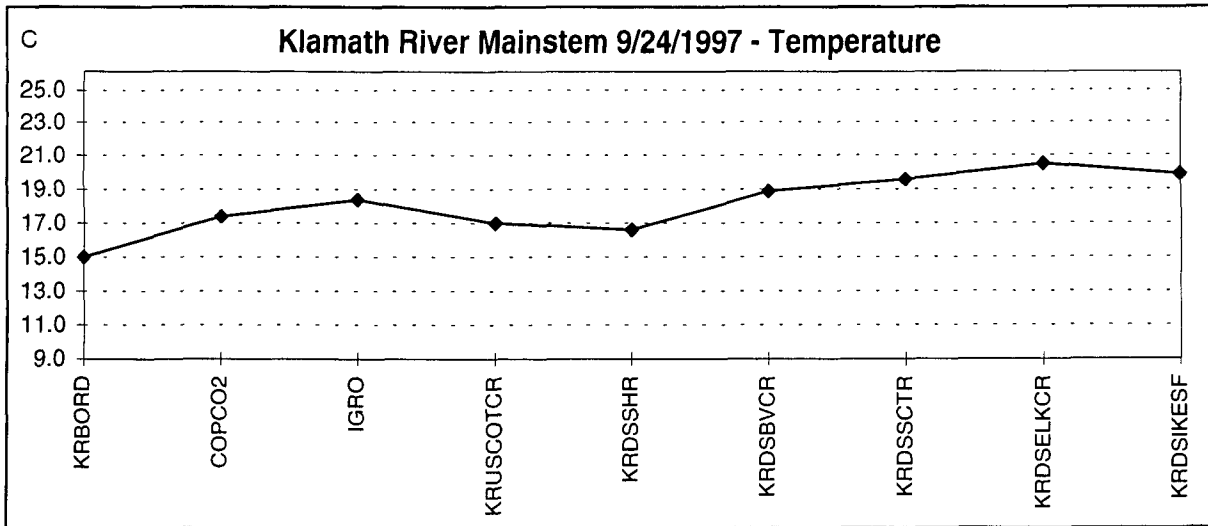
Mainstem Date Temps



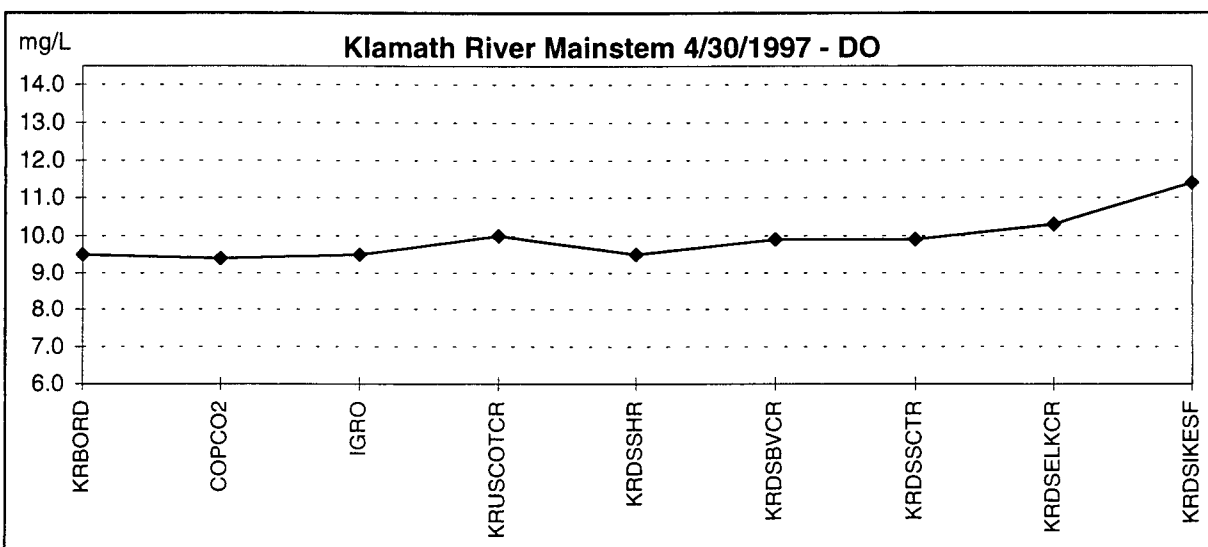
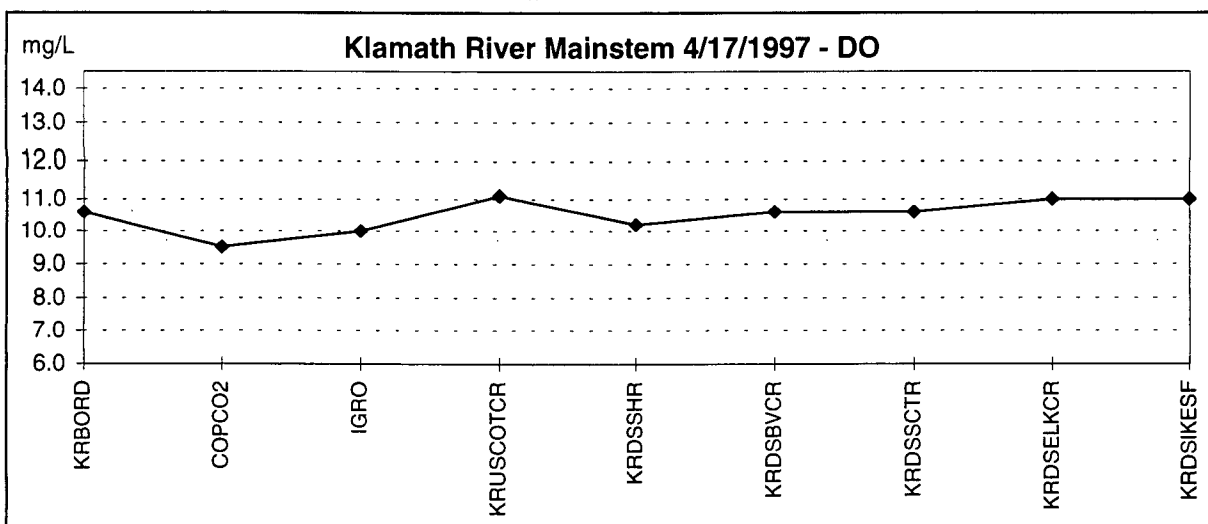
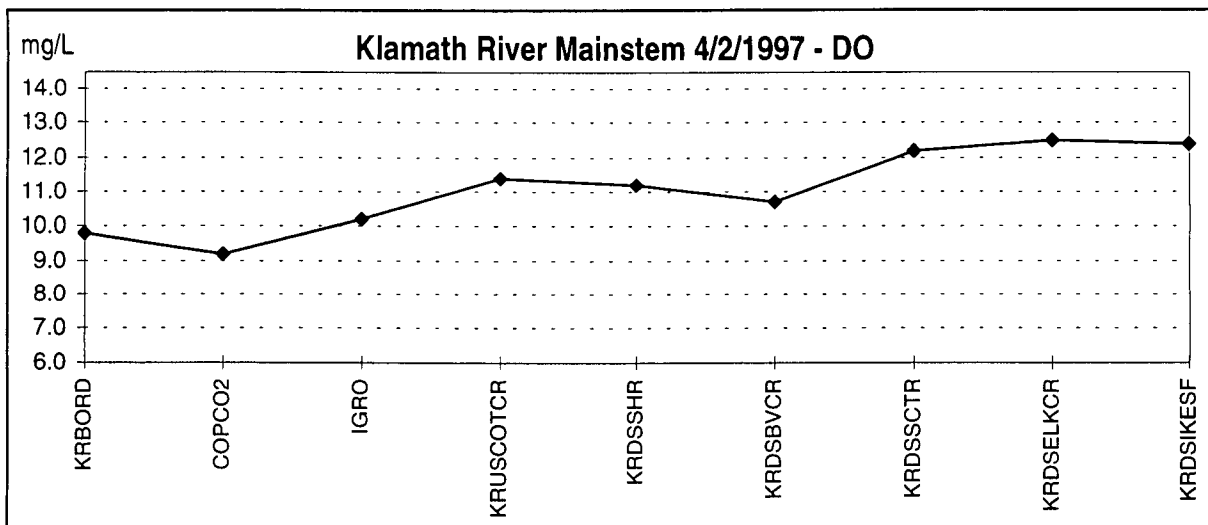
Mainstem Date Temps



Mainstem Date Temps

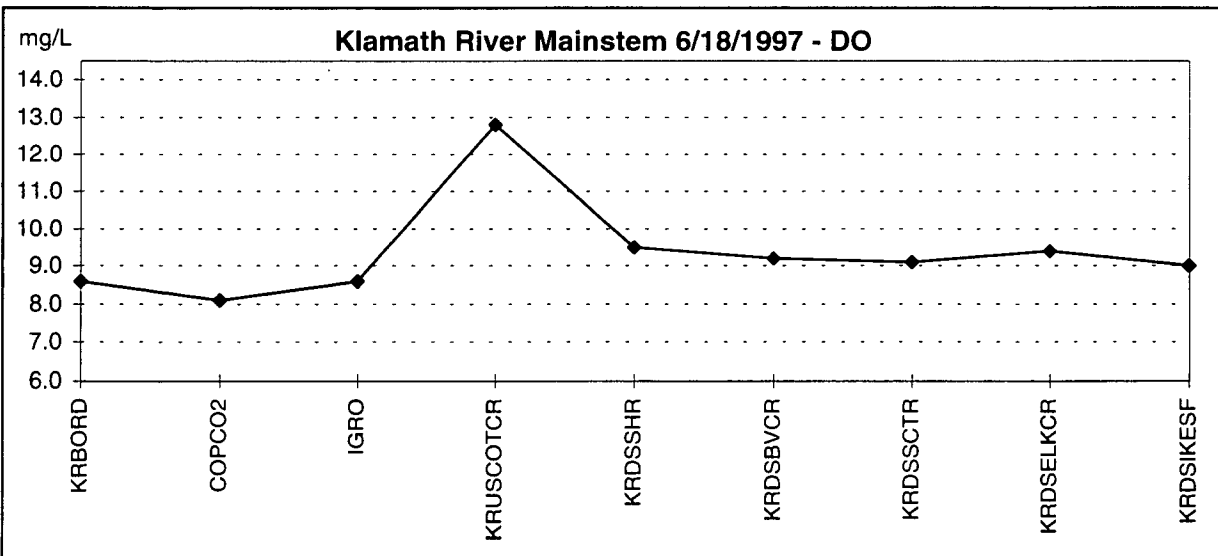
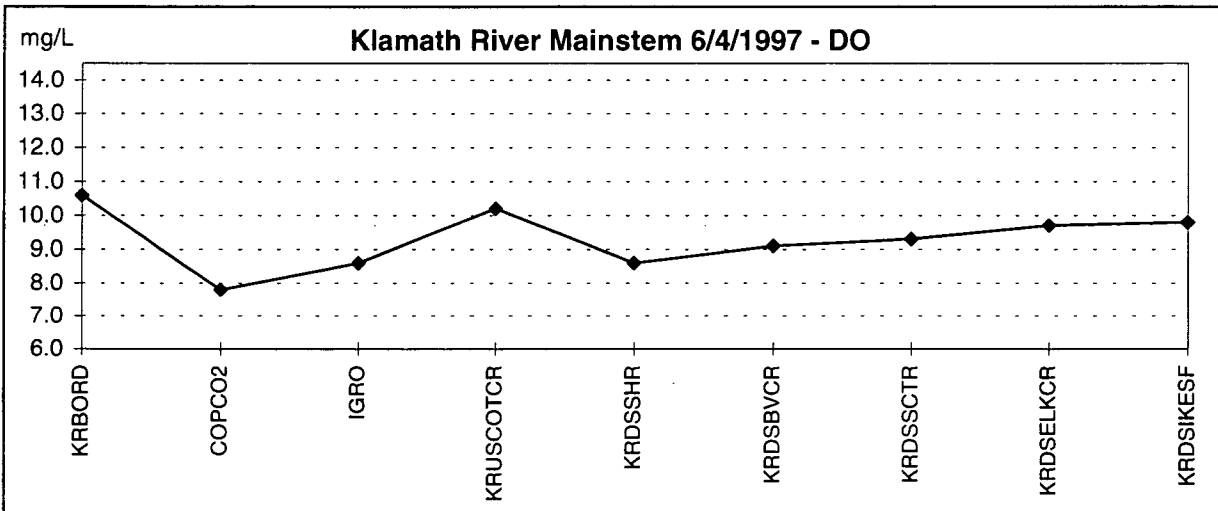
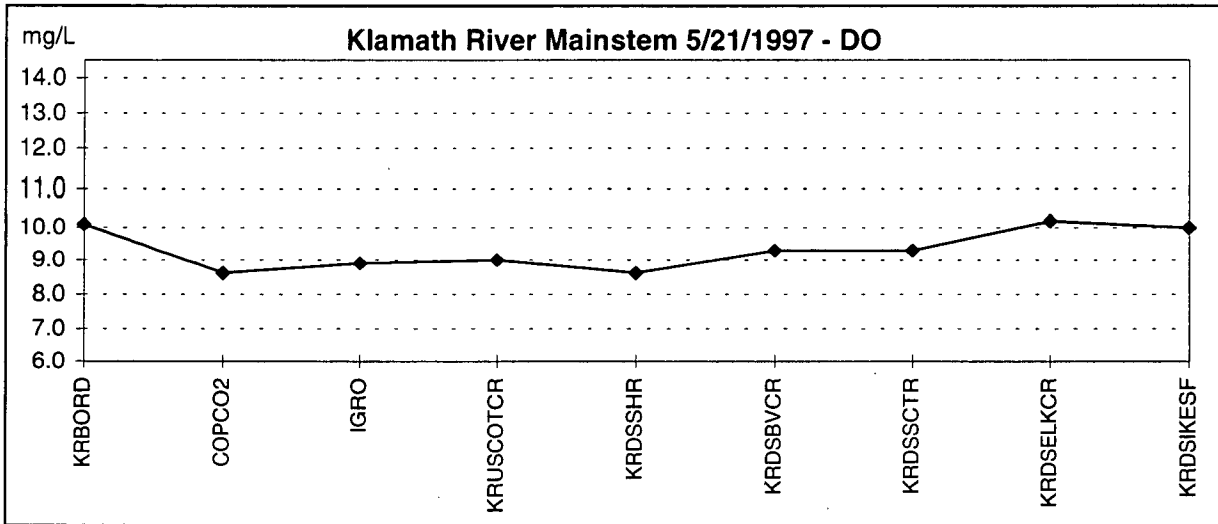


Mainstem Date DOs

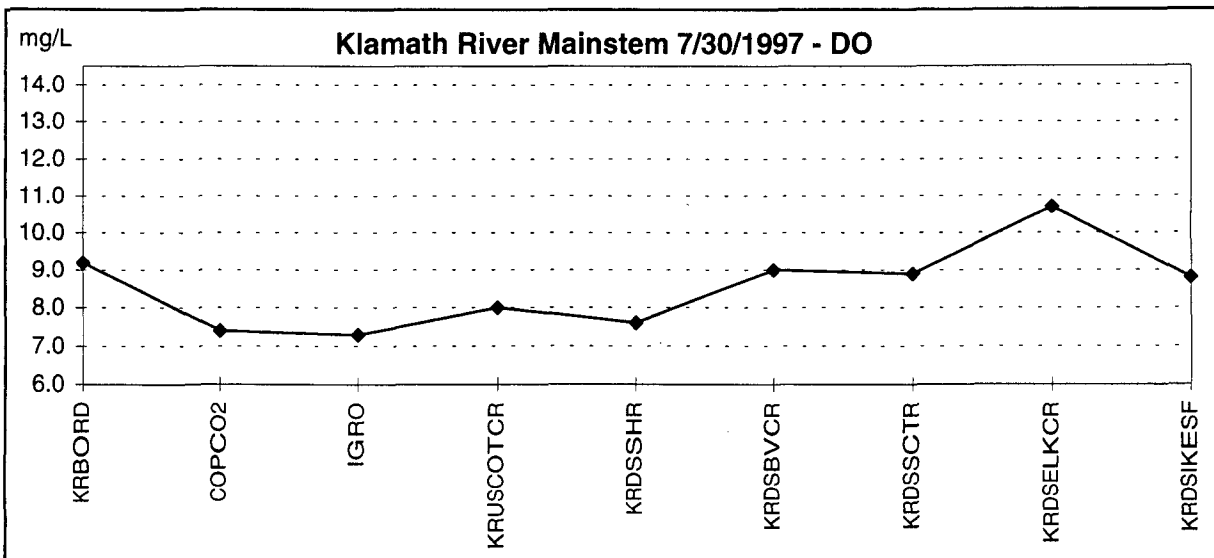
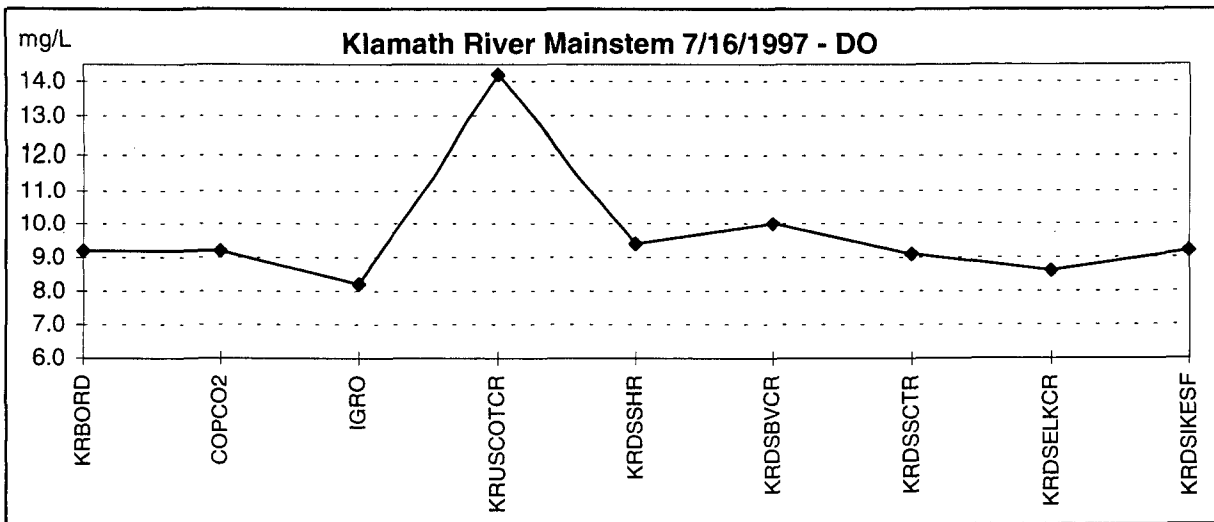
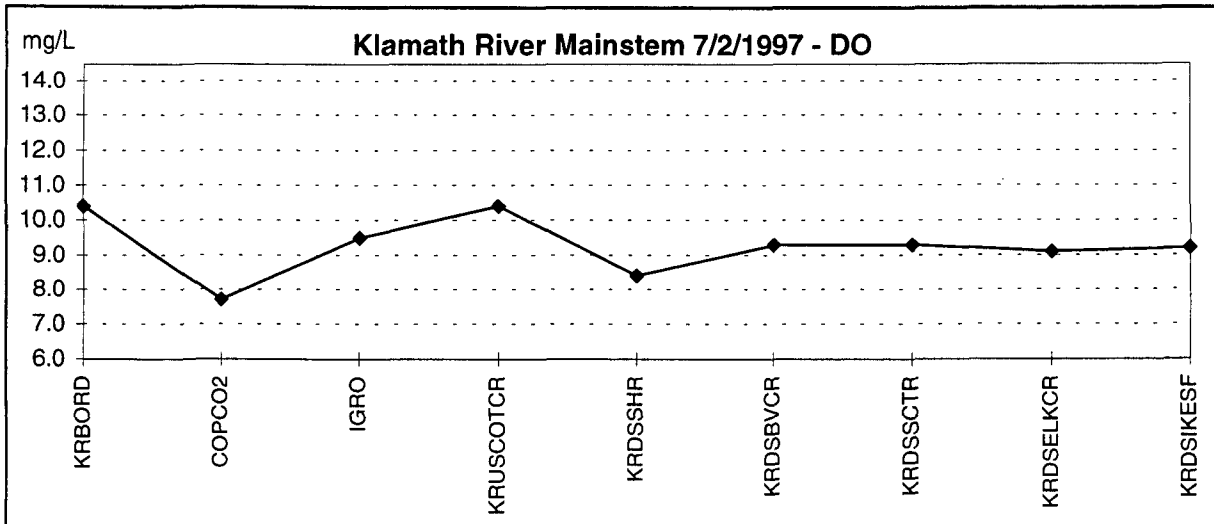


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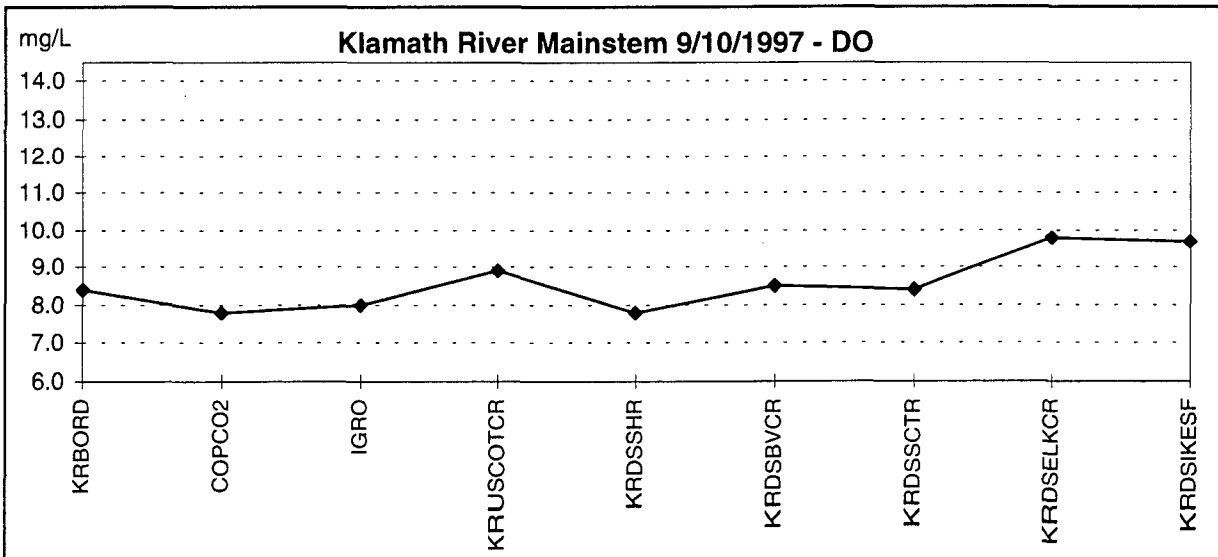
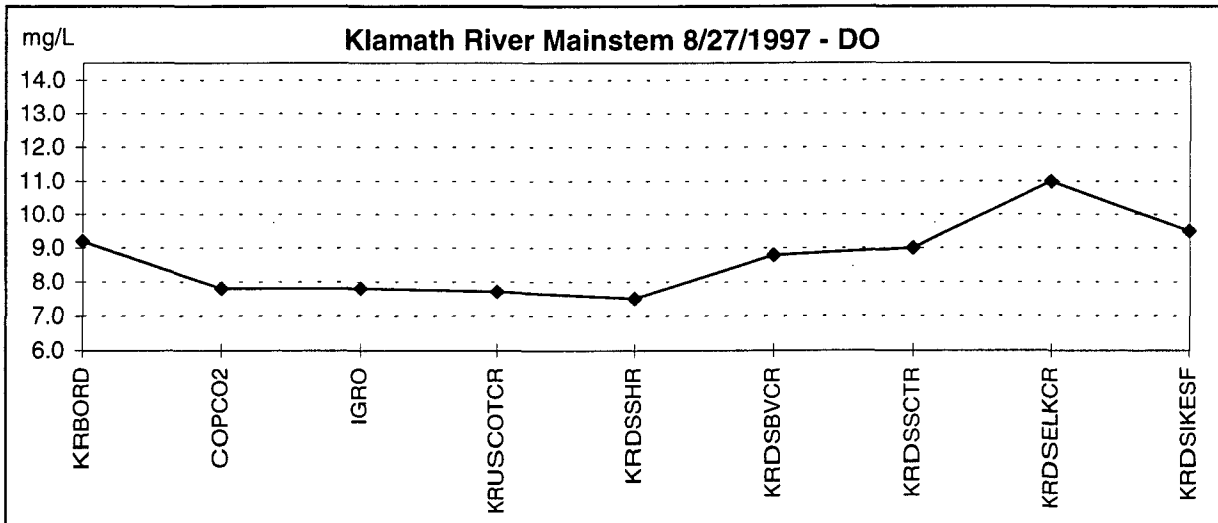
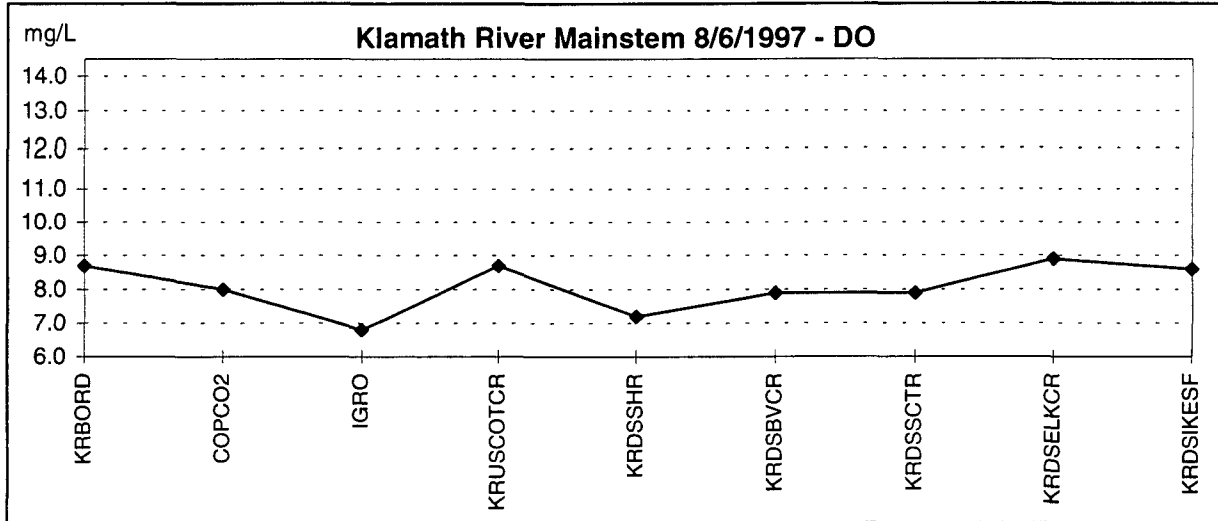
Mainstem Date DOs



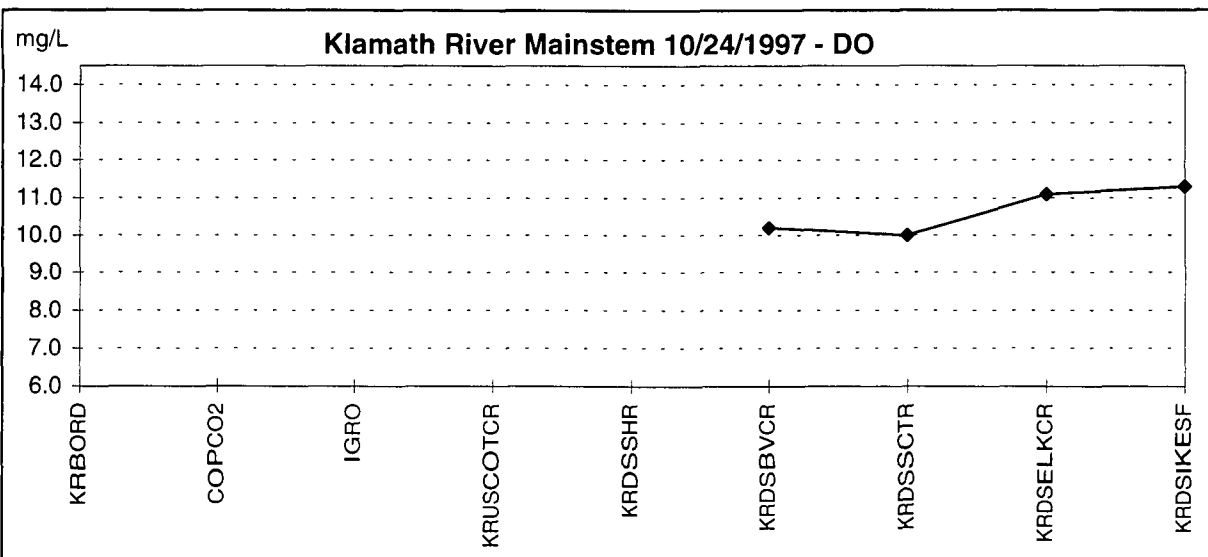
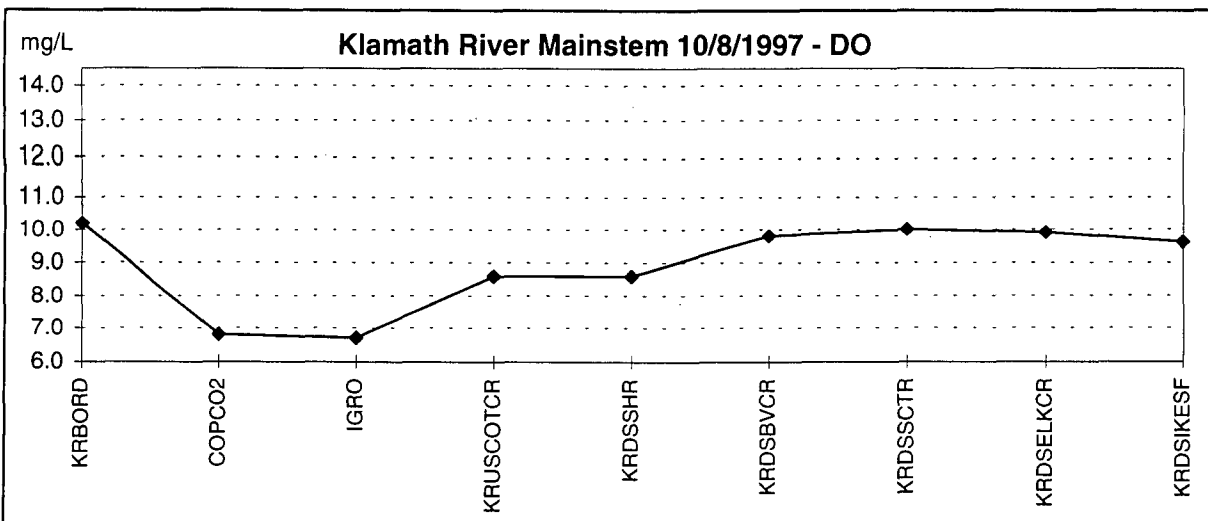
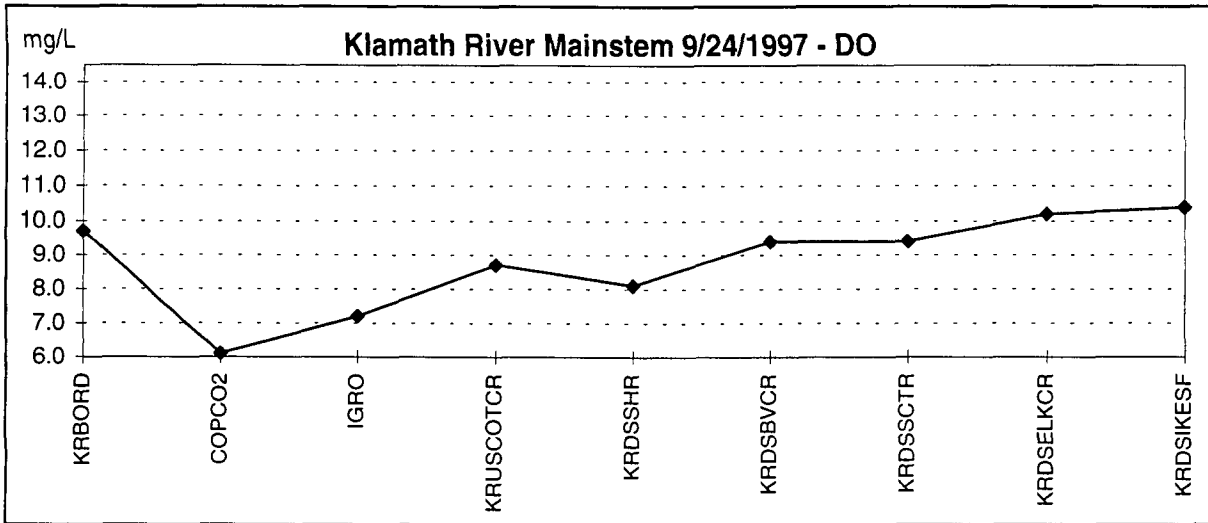
Mainstem Date DOs



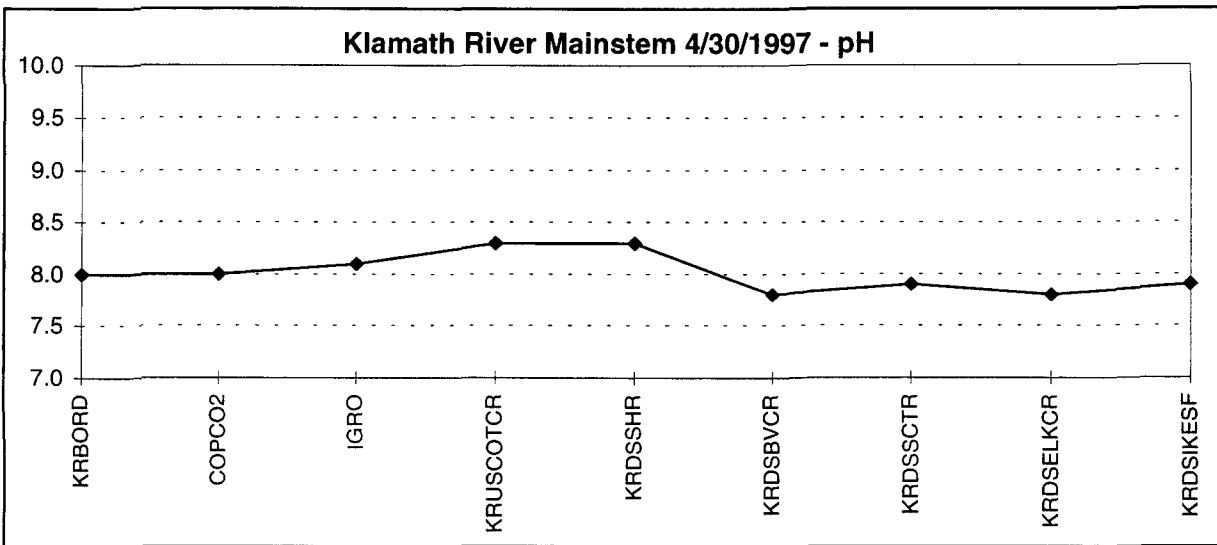
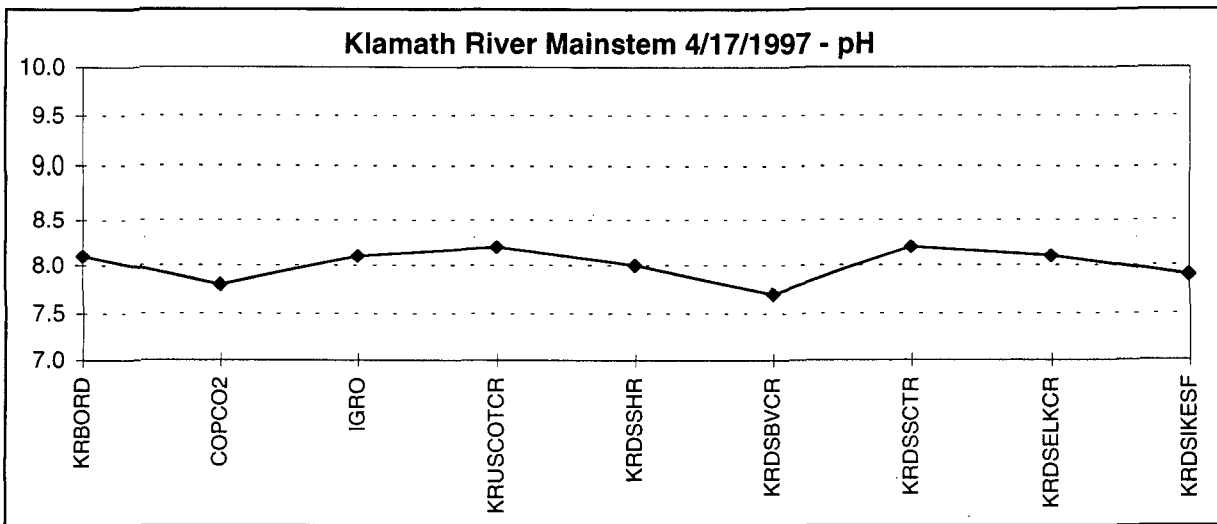
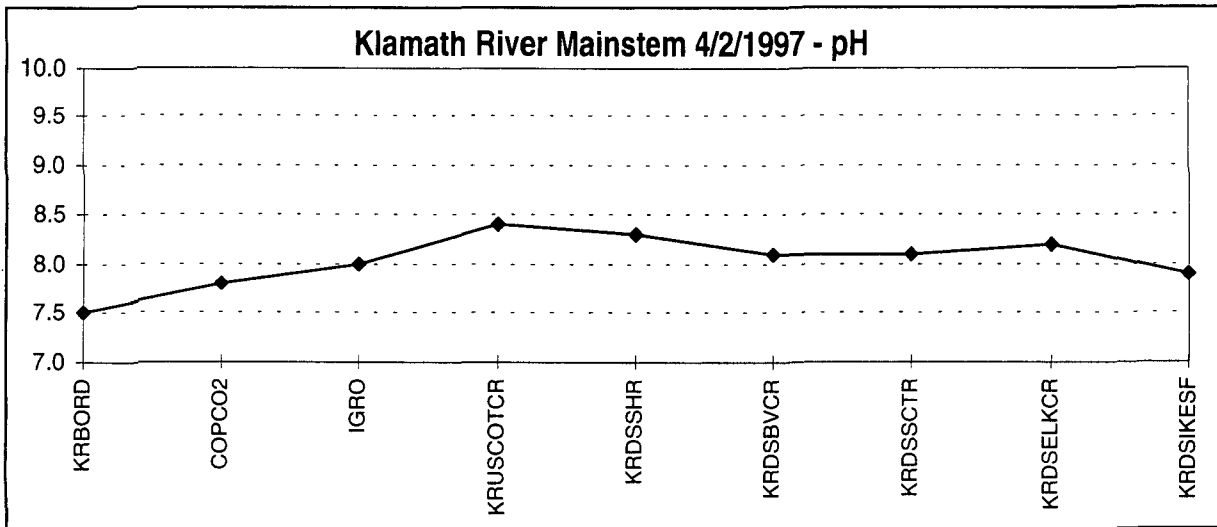
Mainstem Date DOs



Mainstem Date DOs

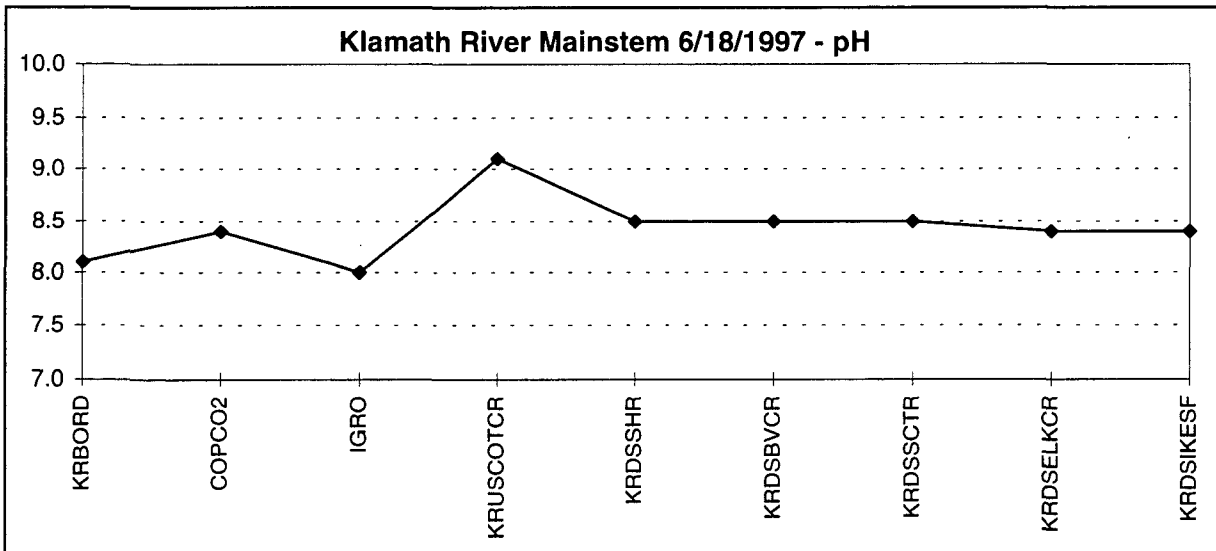
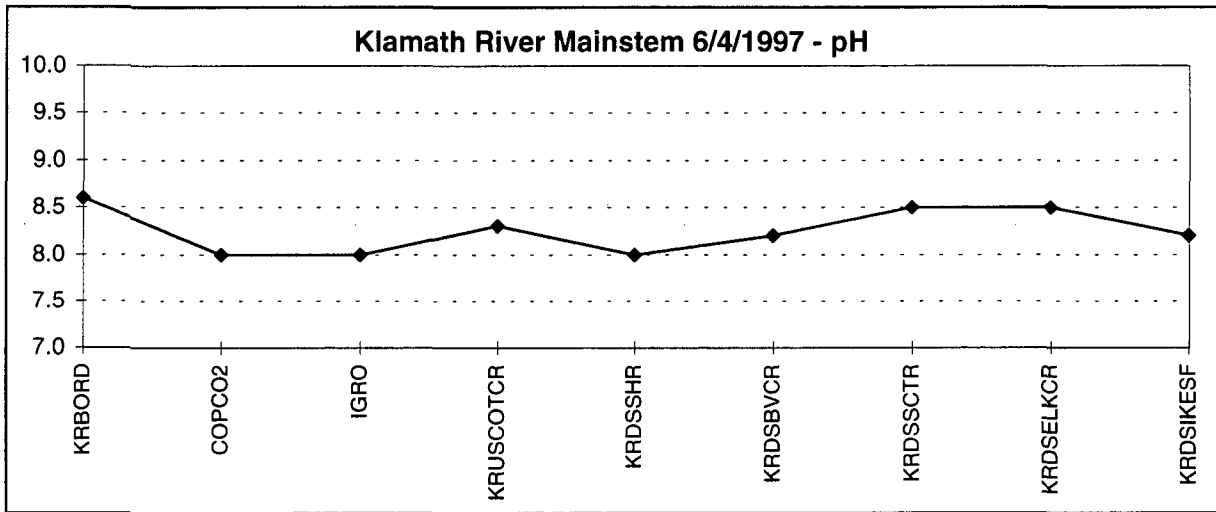
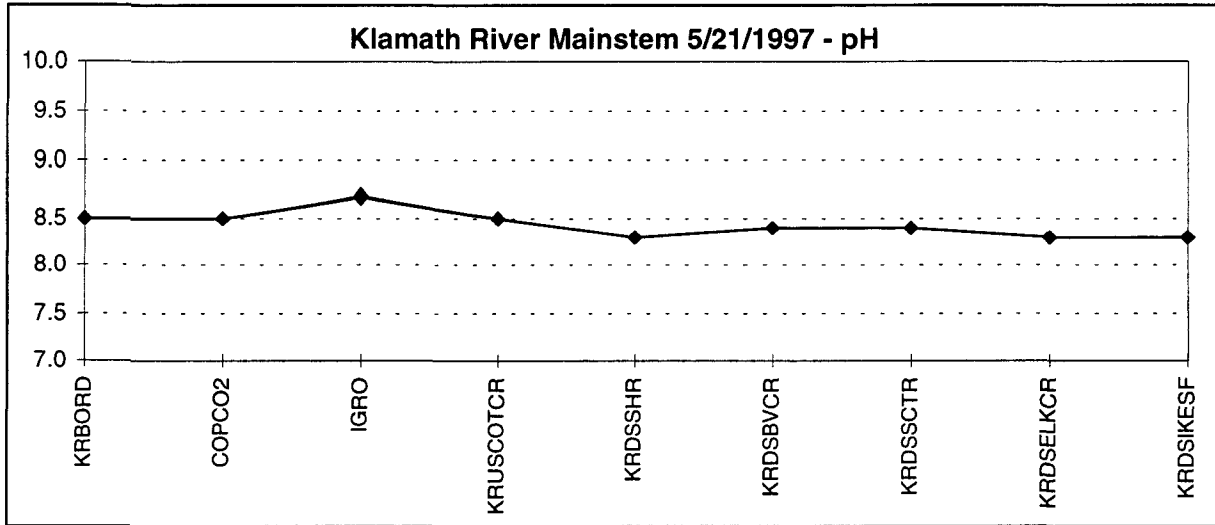


Mainstem Date pHs

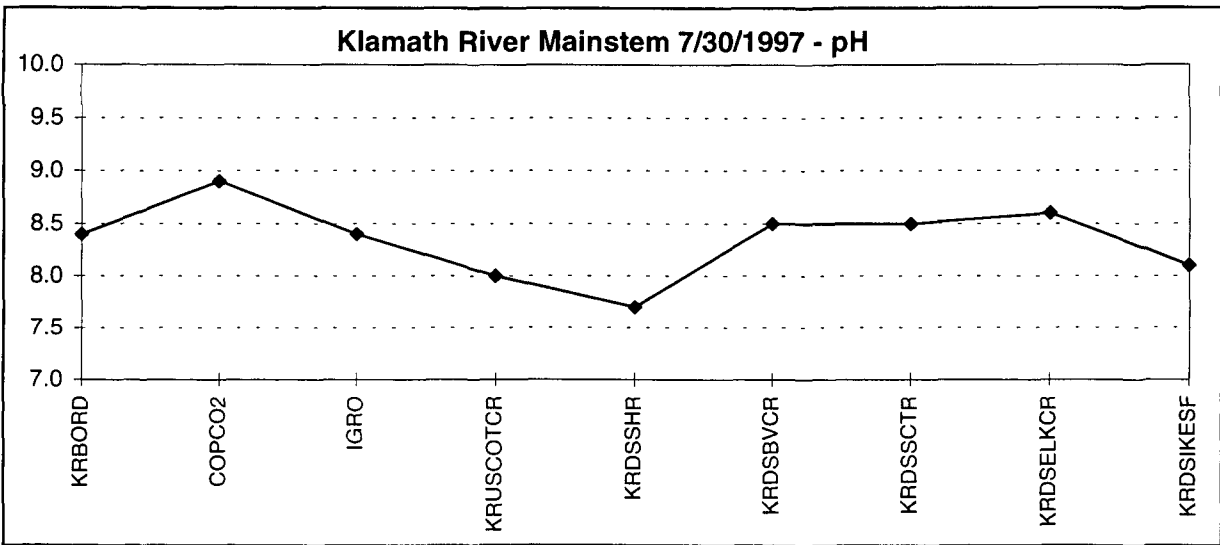
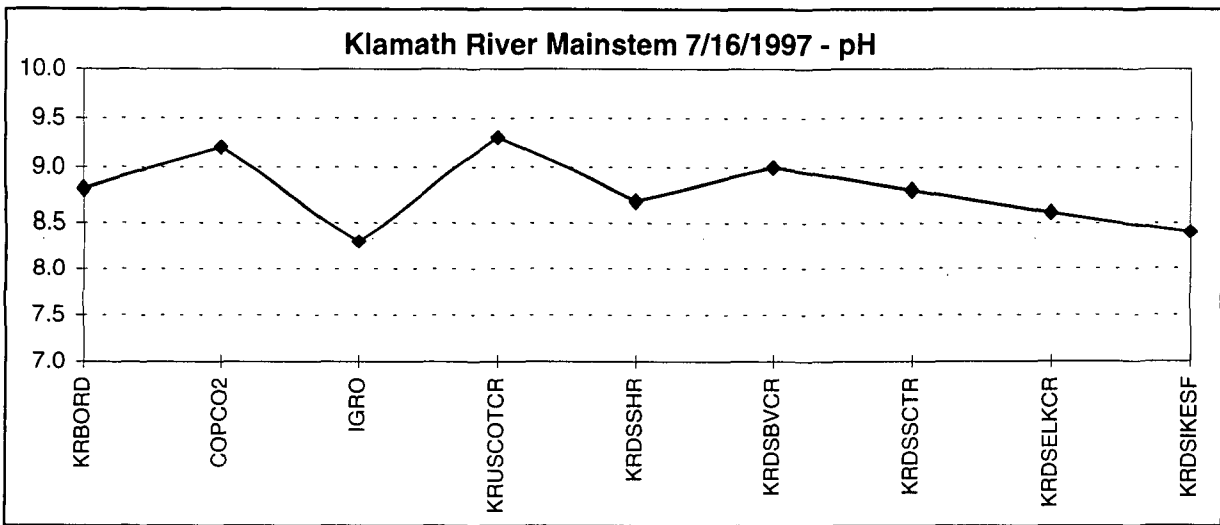
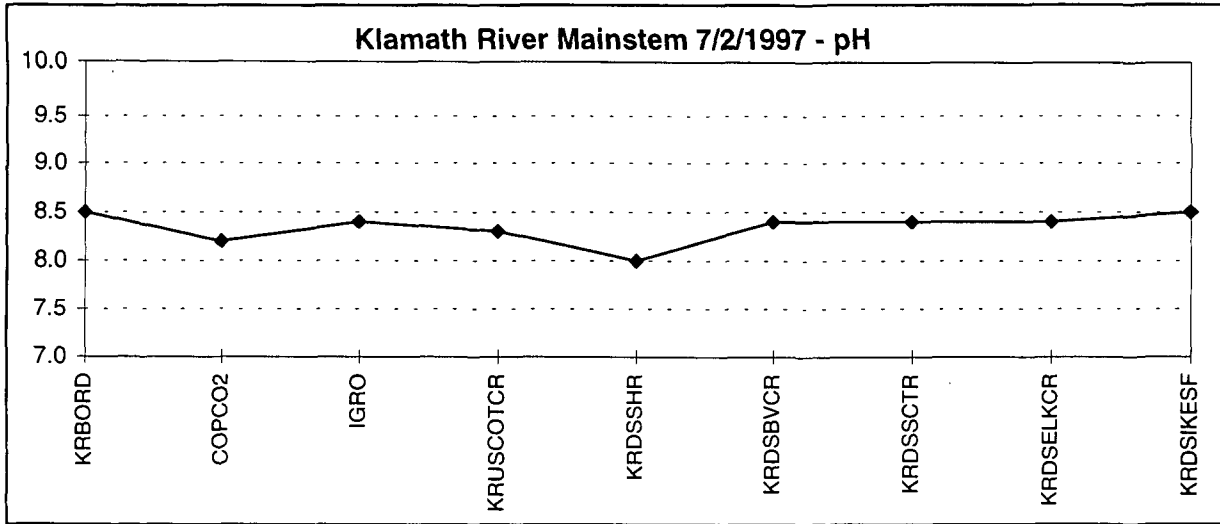


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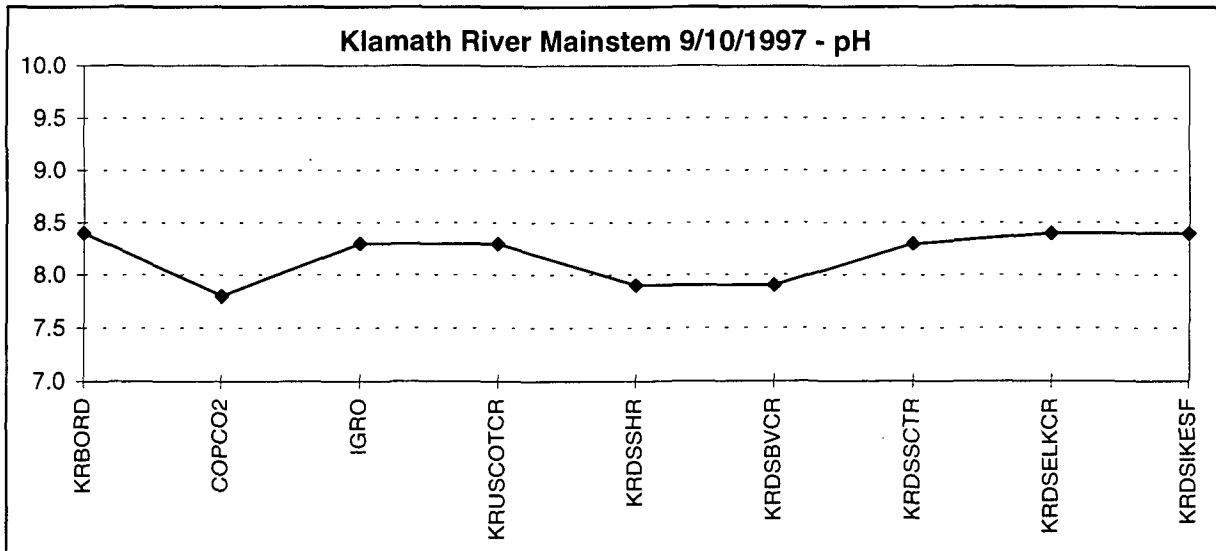
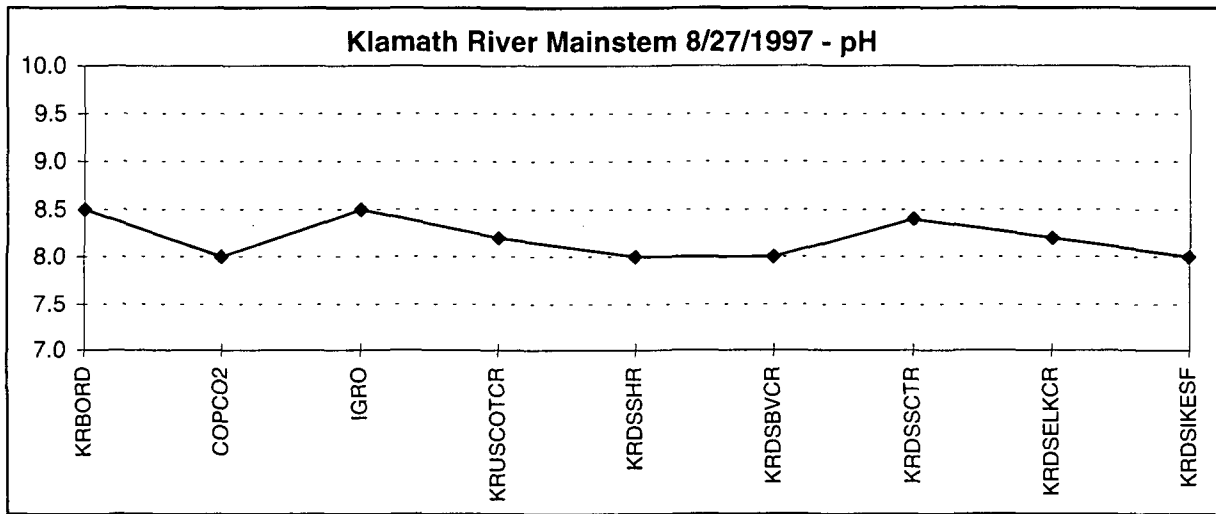
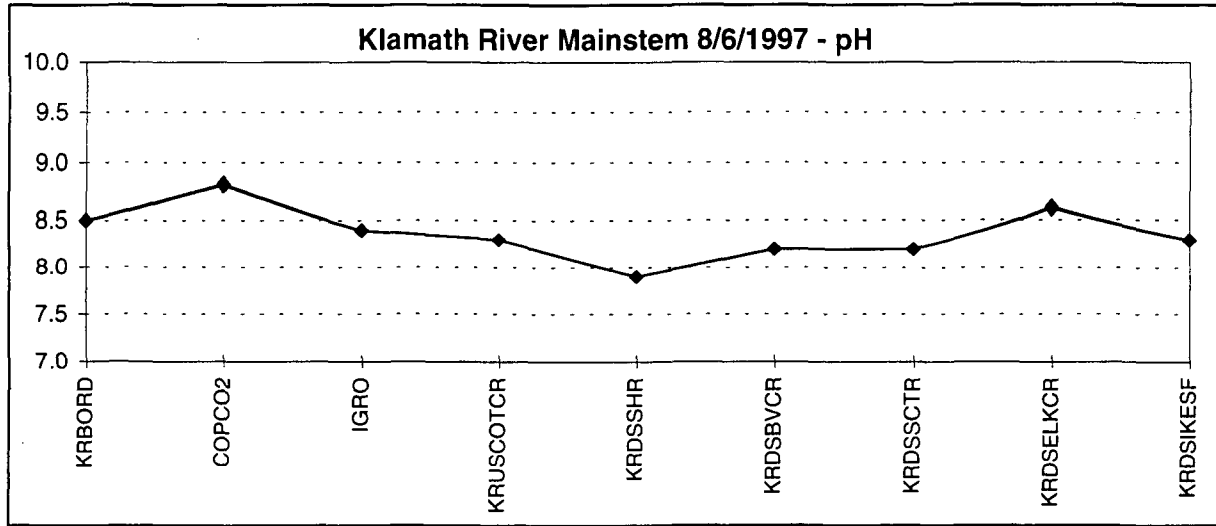
Mainstem Date pHs



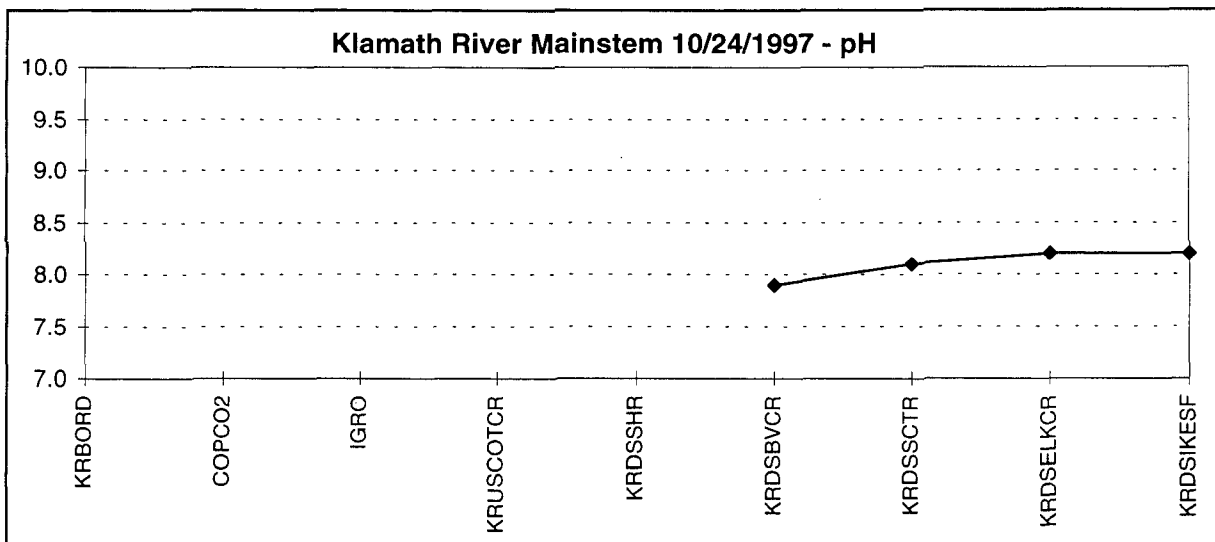
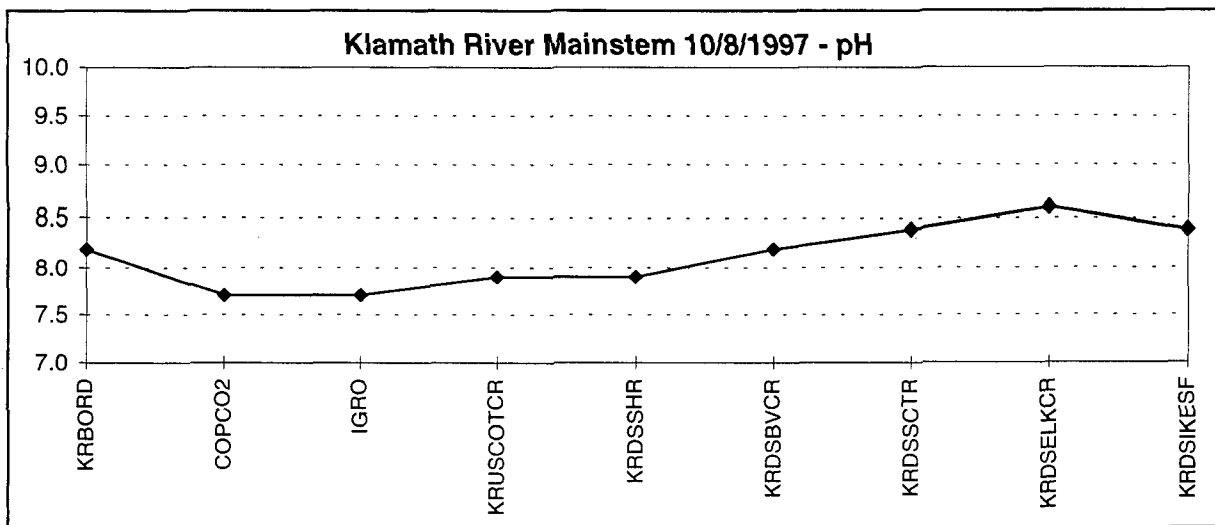
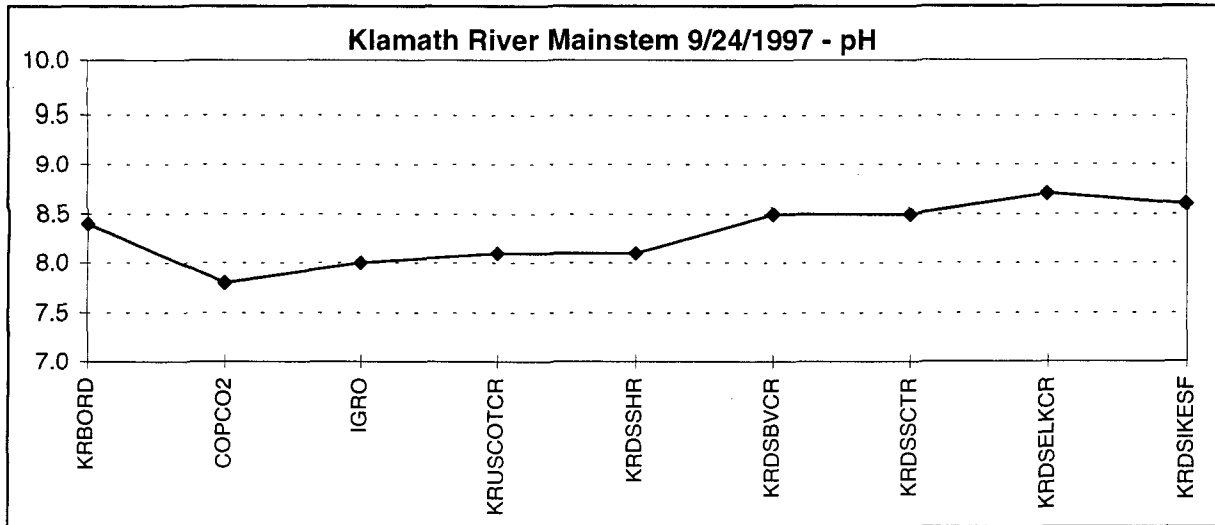
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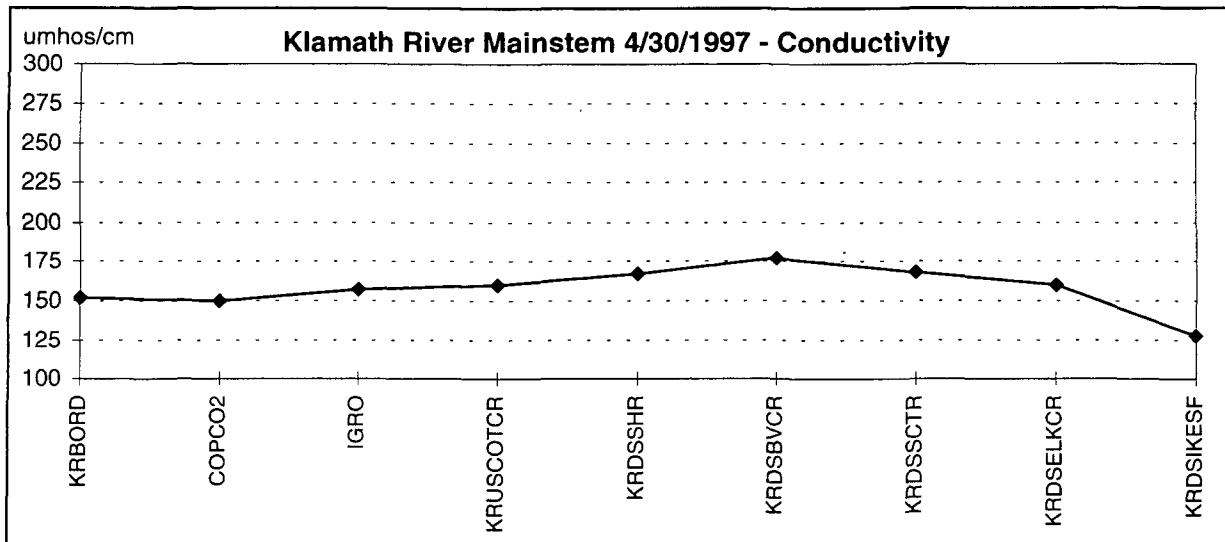
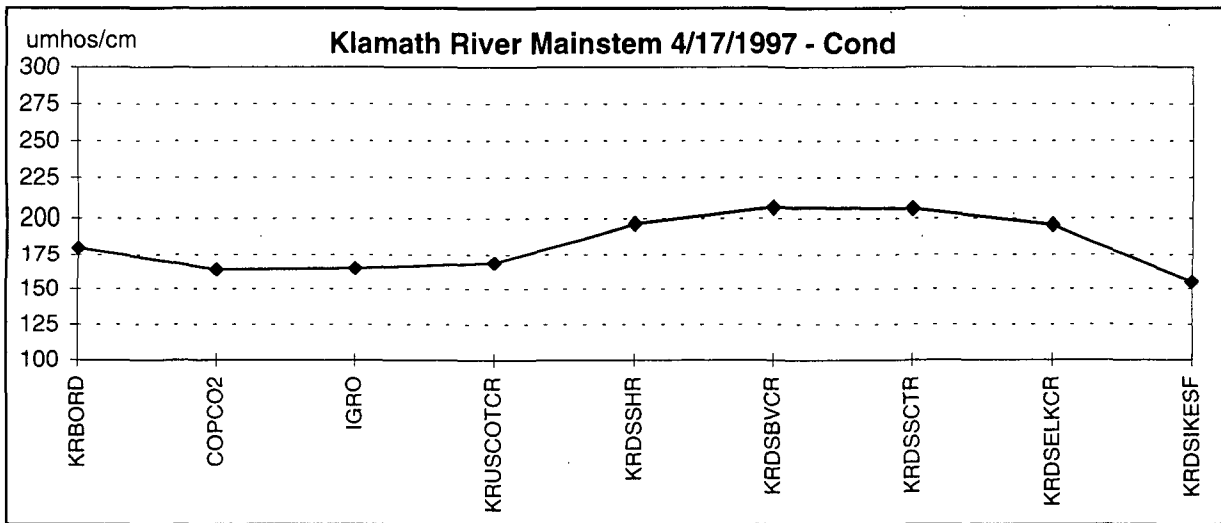
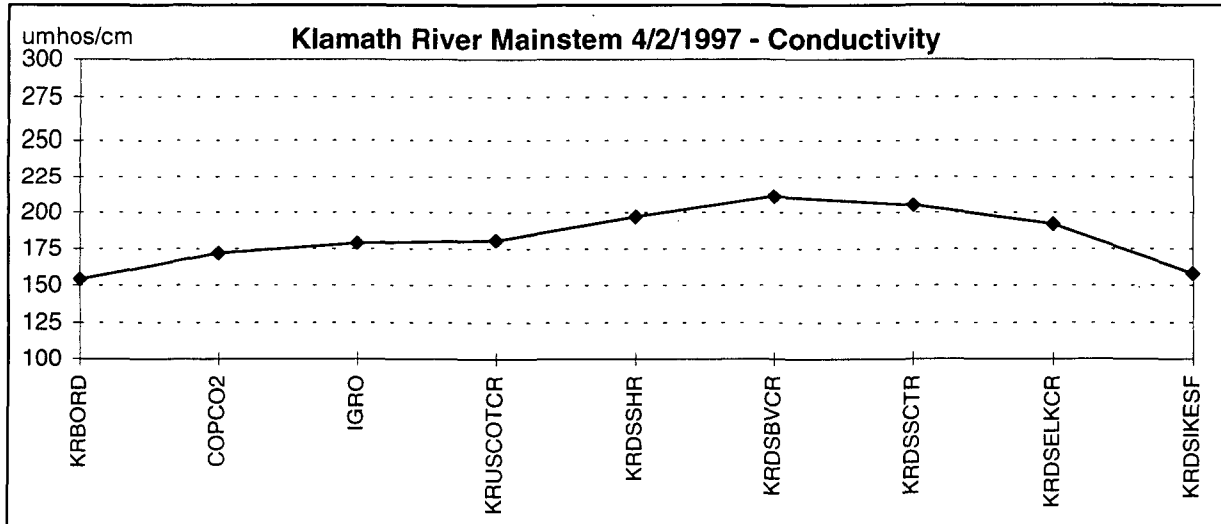
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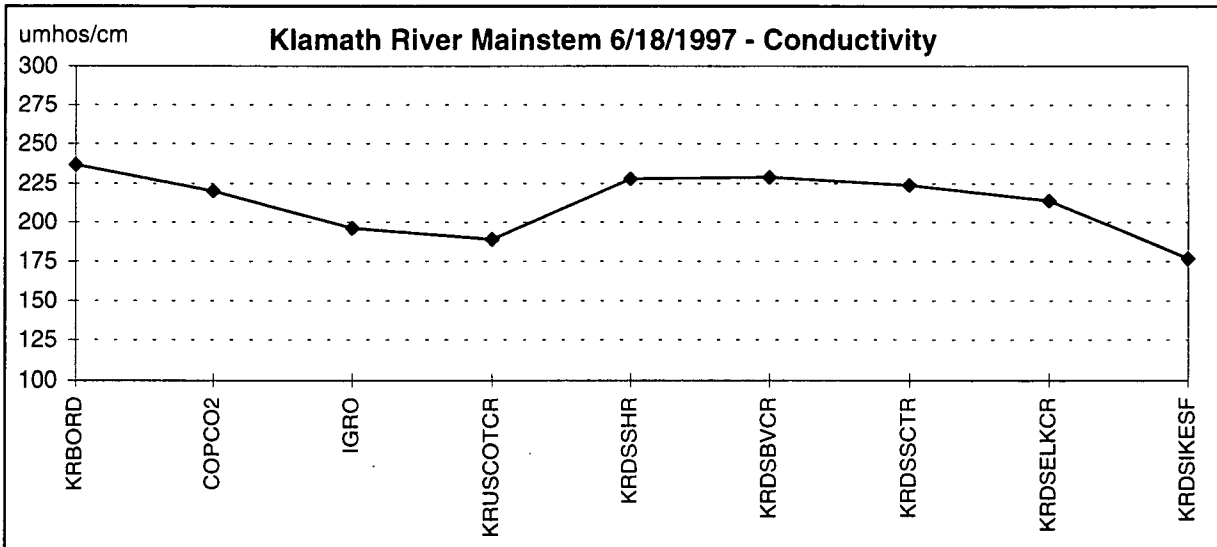
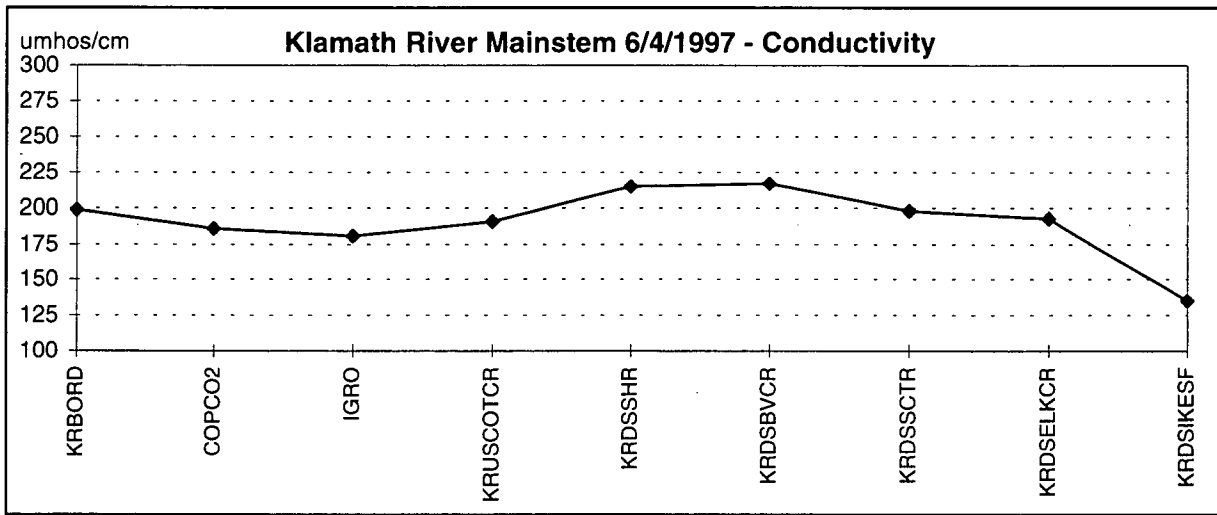
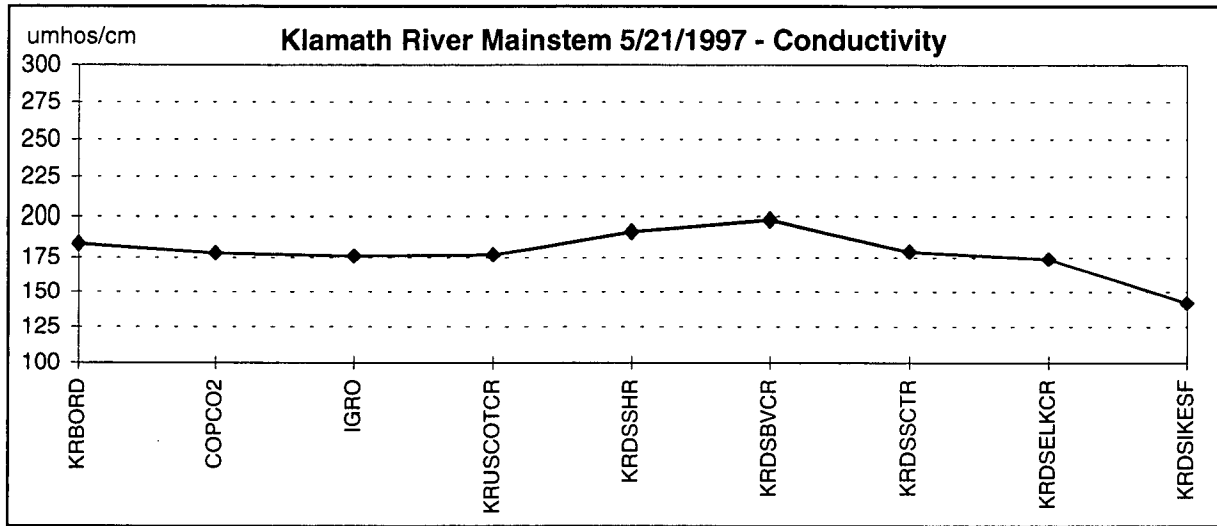


Mainstem Date Cond

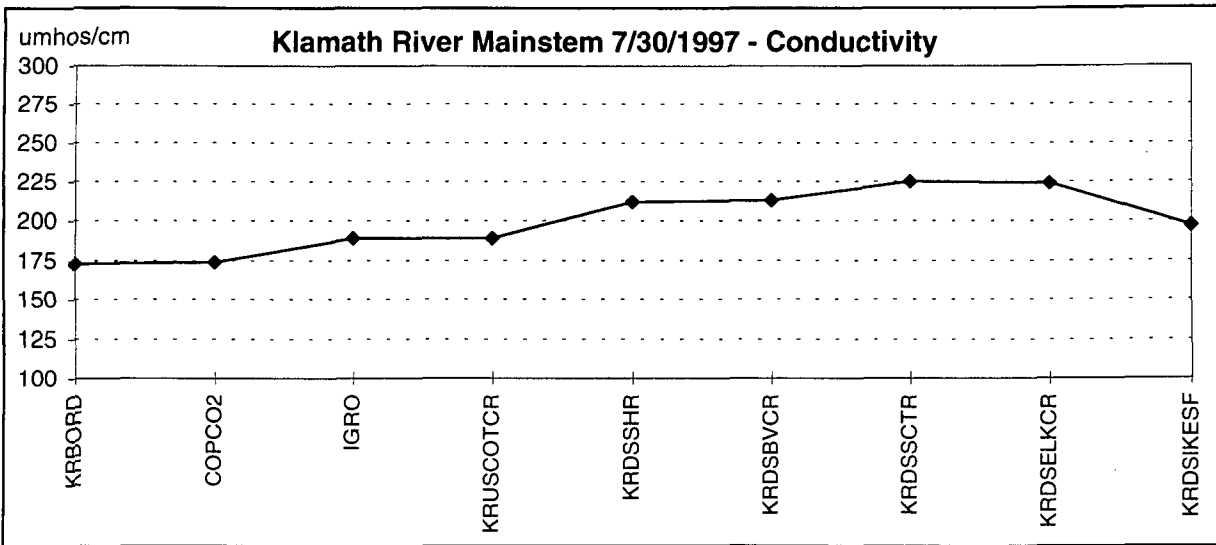
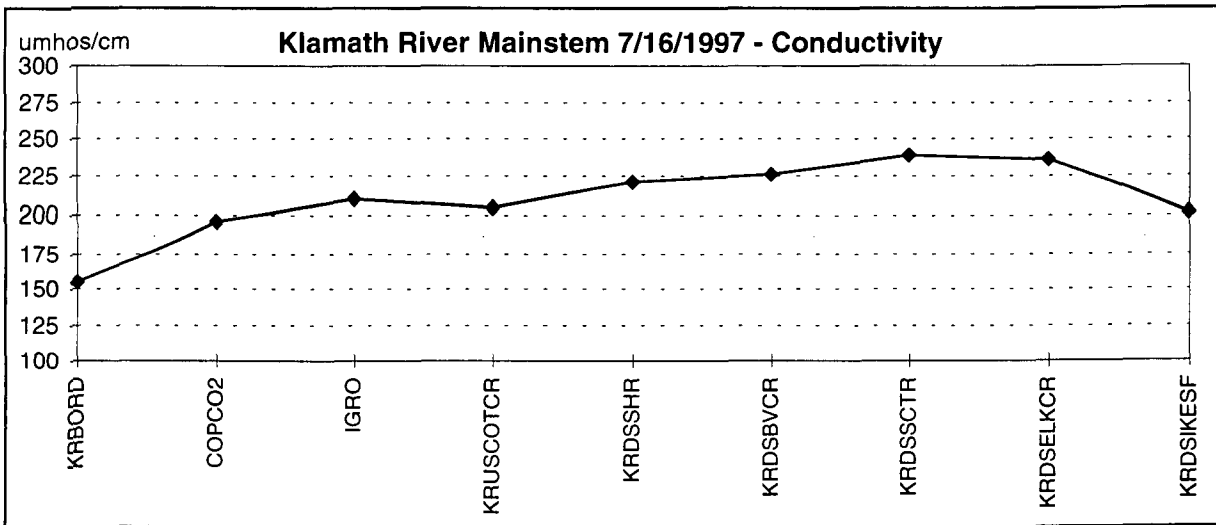
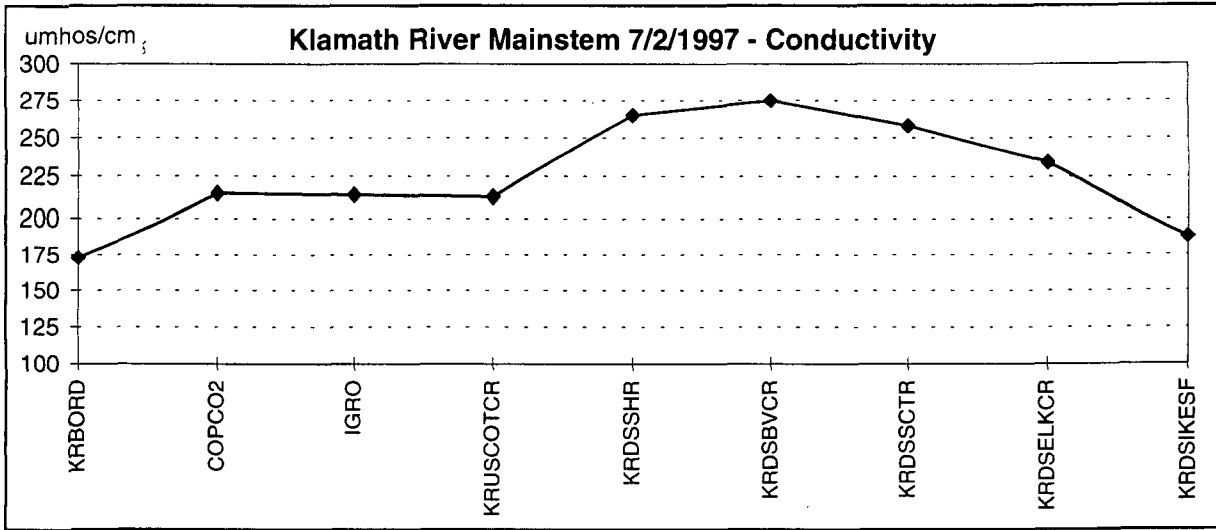


Tab 9

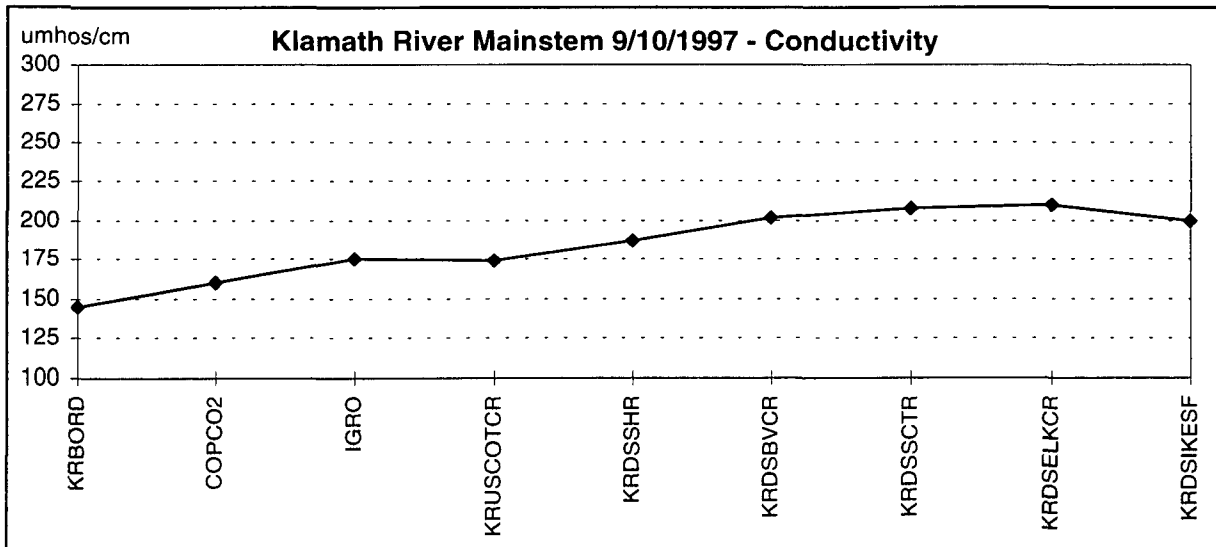
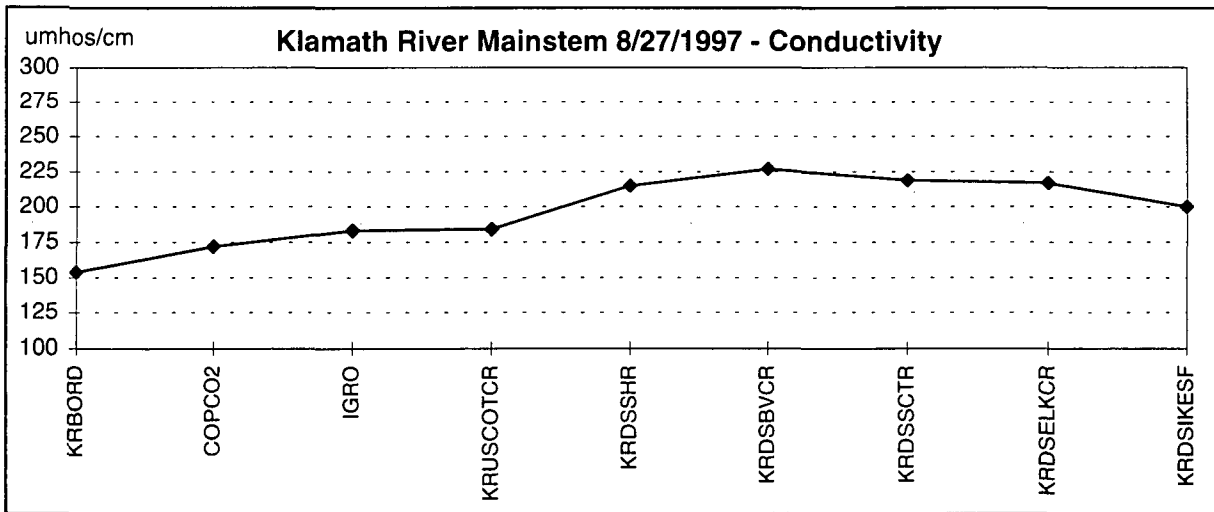
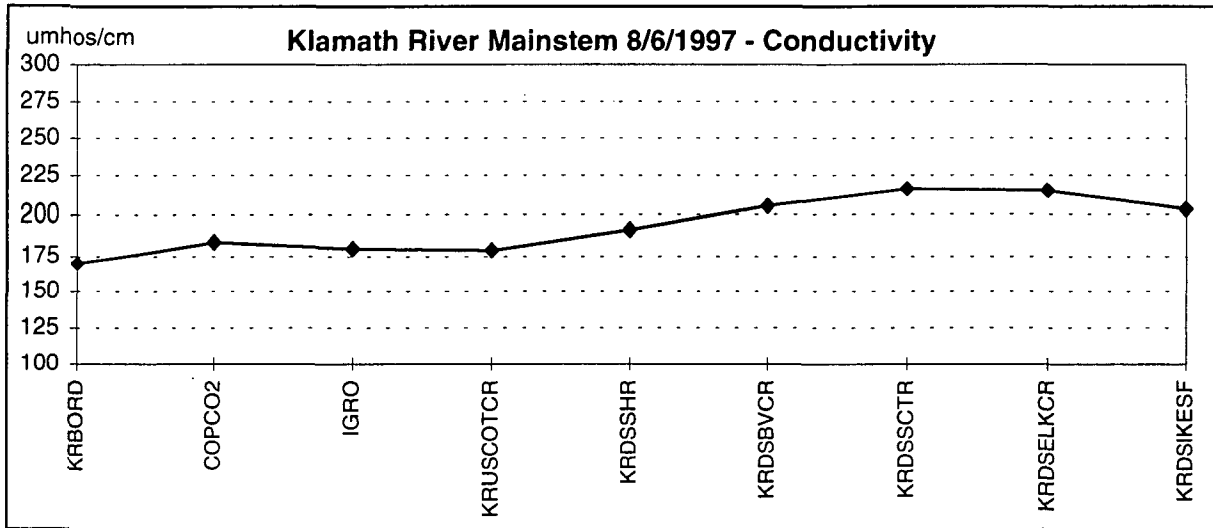
Mainstem Date Cond



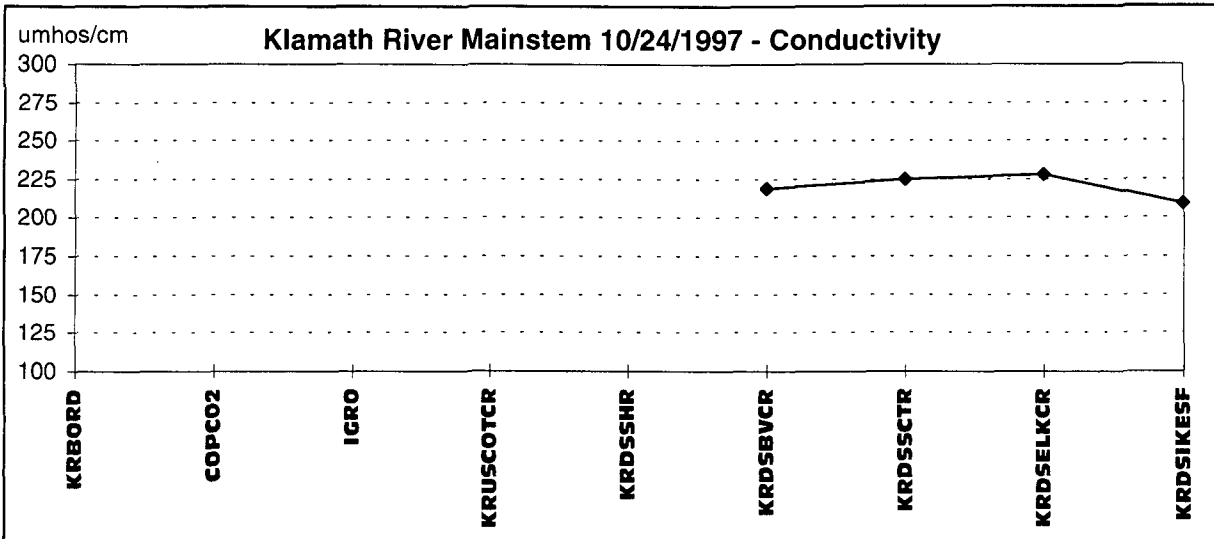
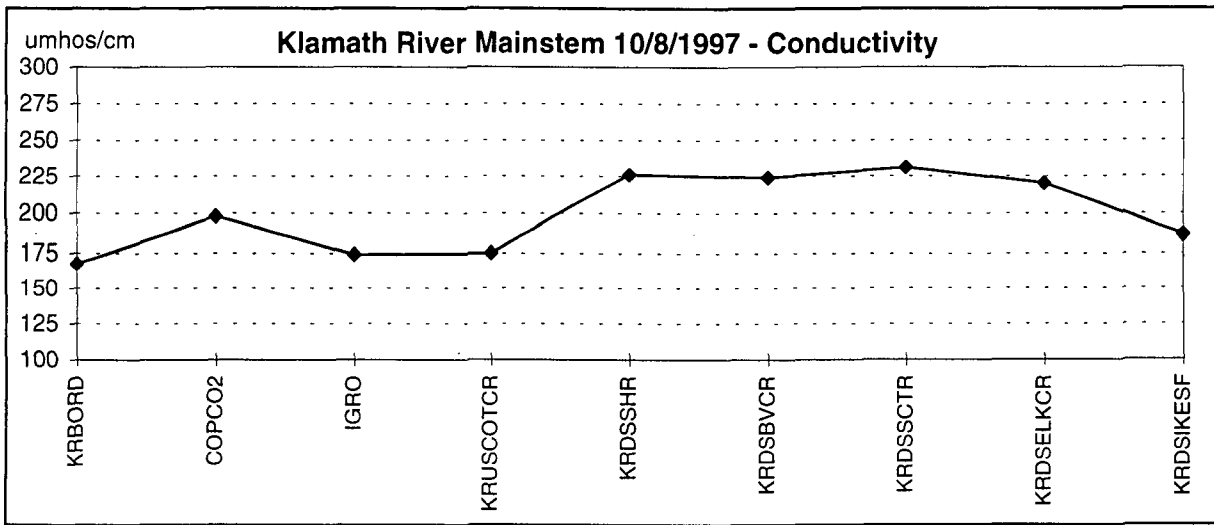
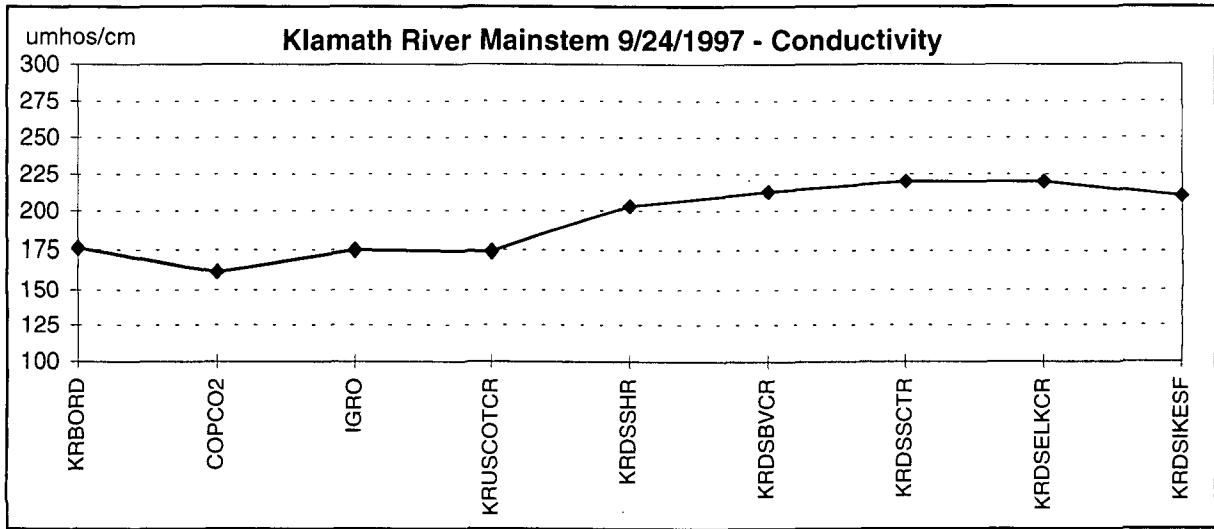
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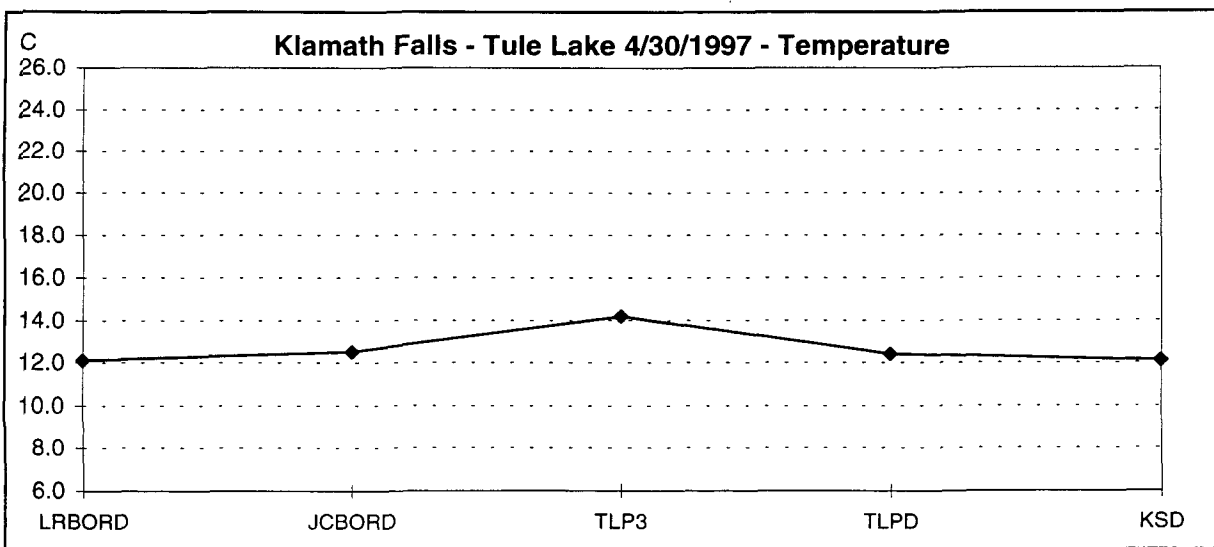
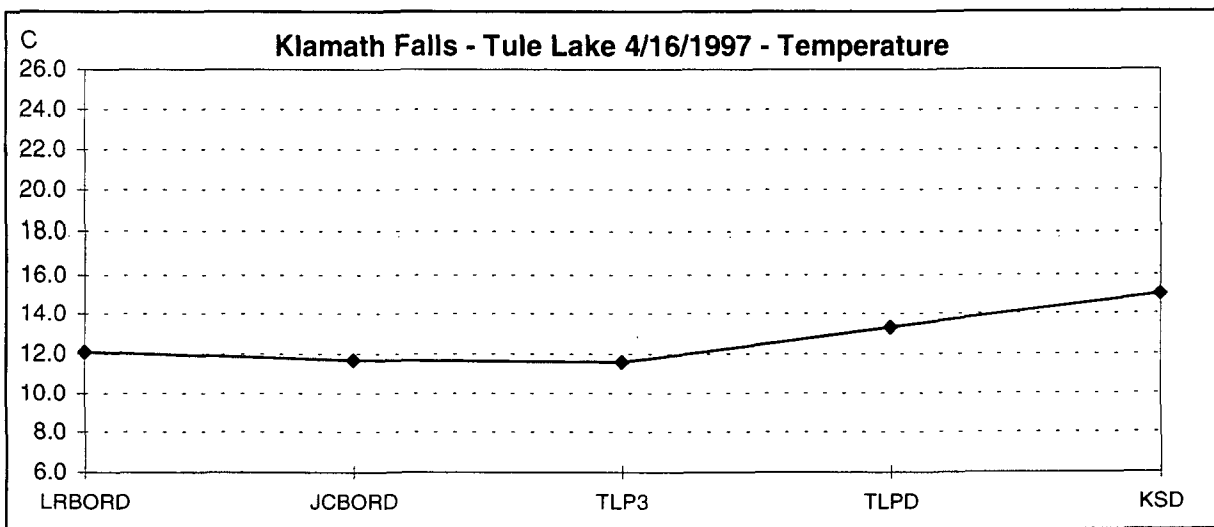
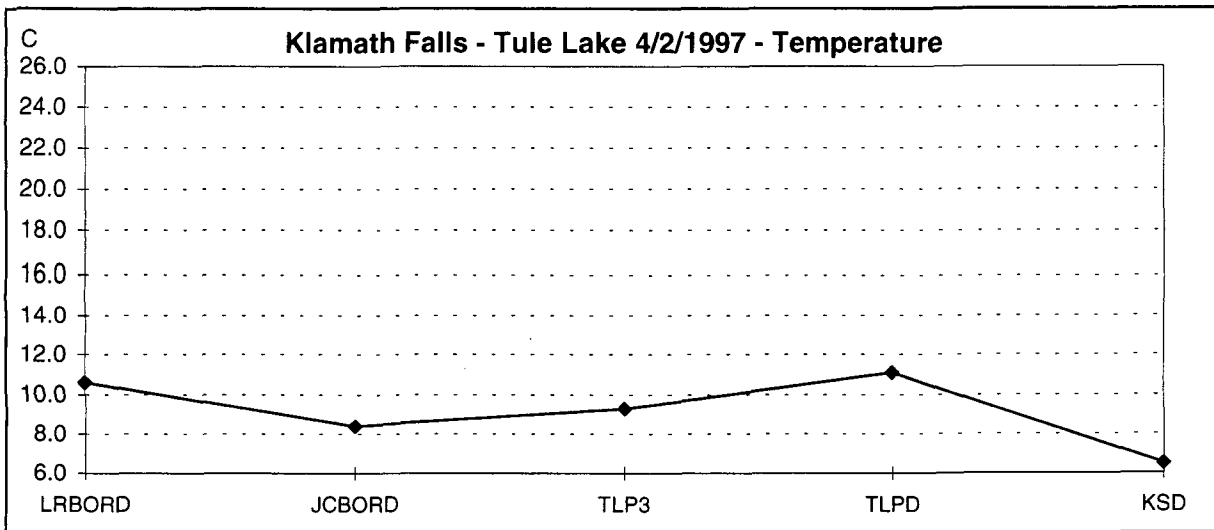
Mainstem Date Cond



Mainstem Date Cond

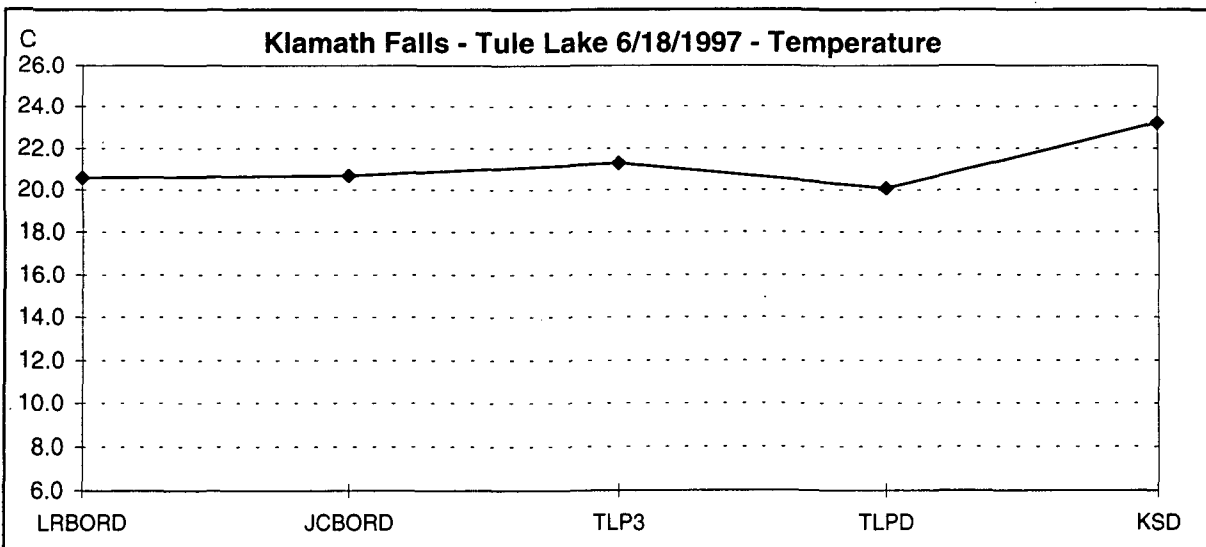
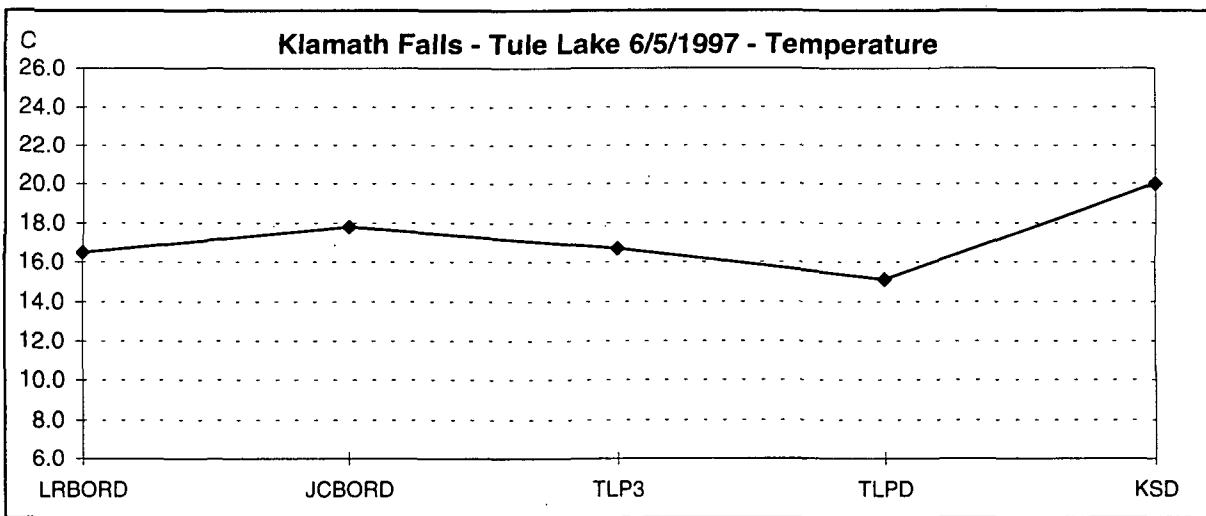
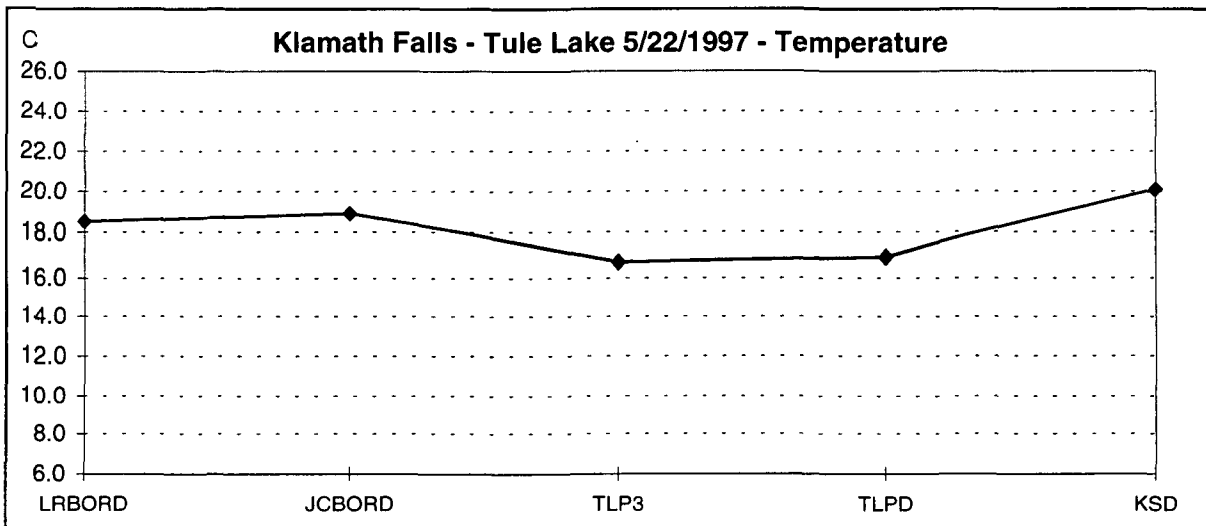


K Falls - Tule Date Temps

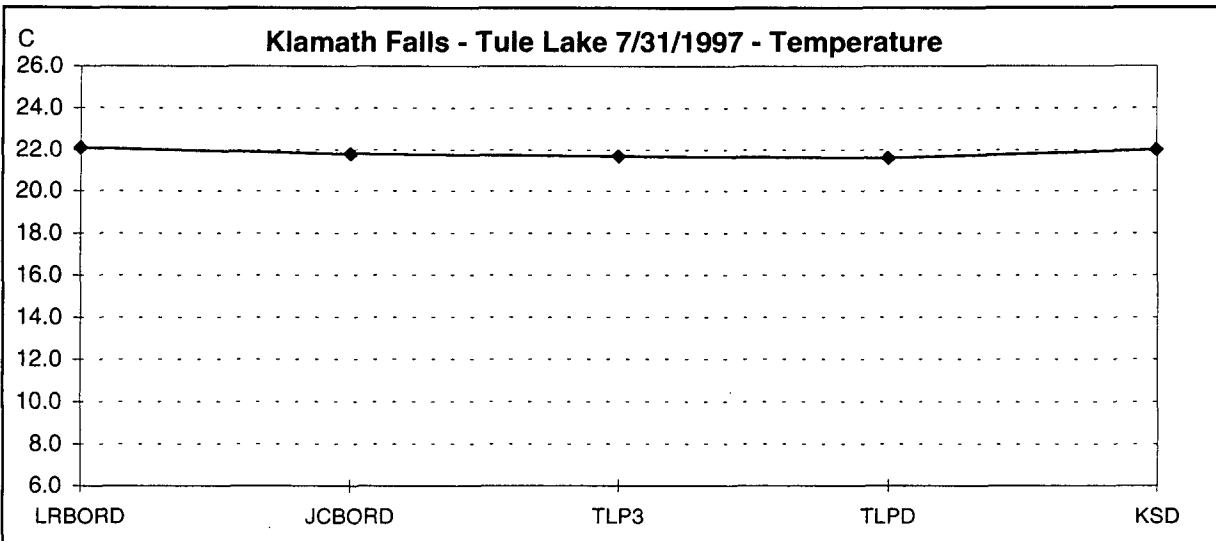
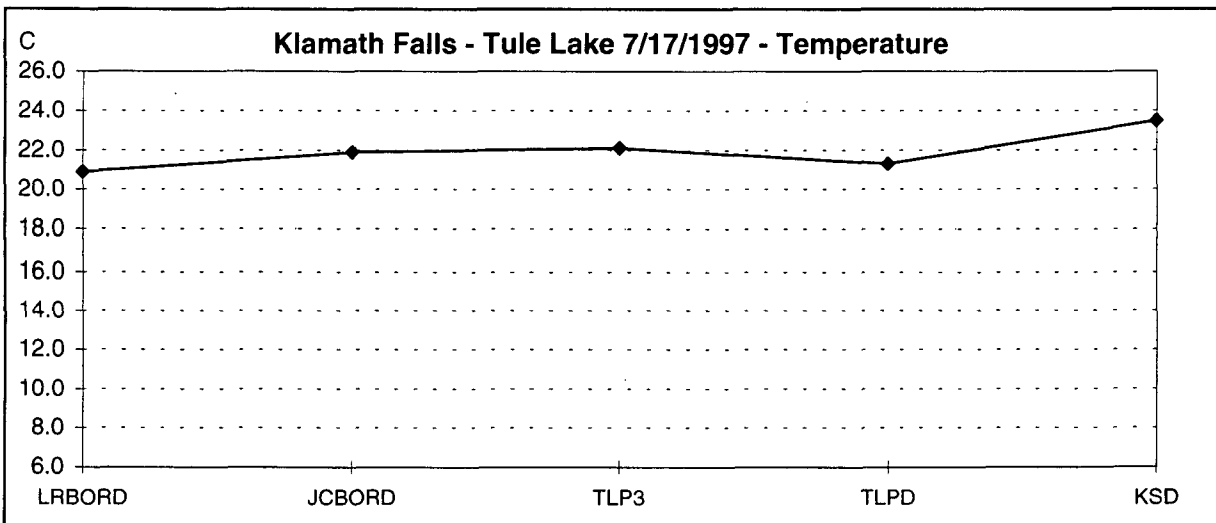
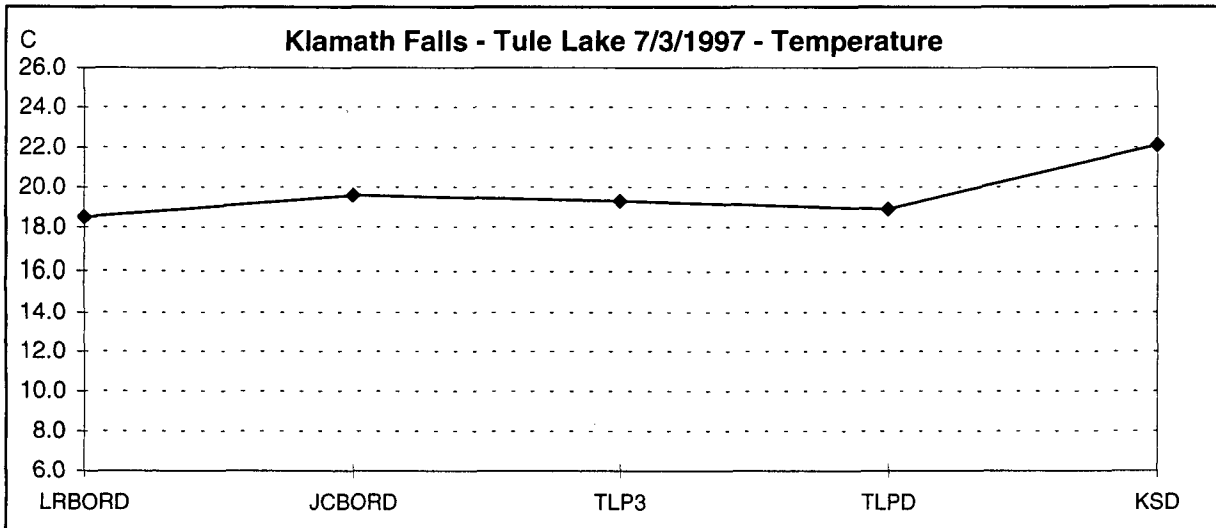


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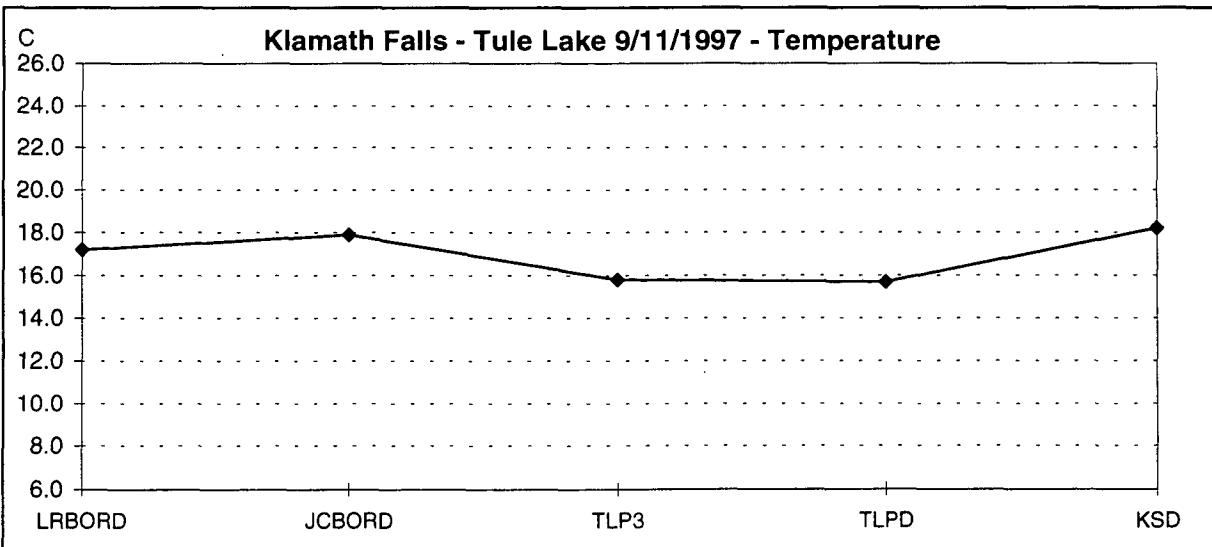
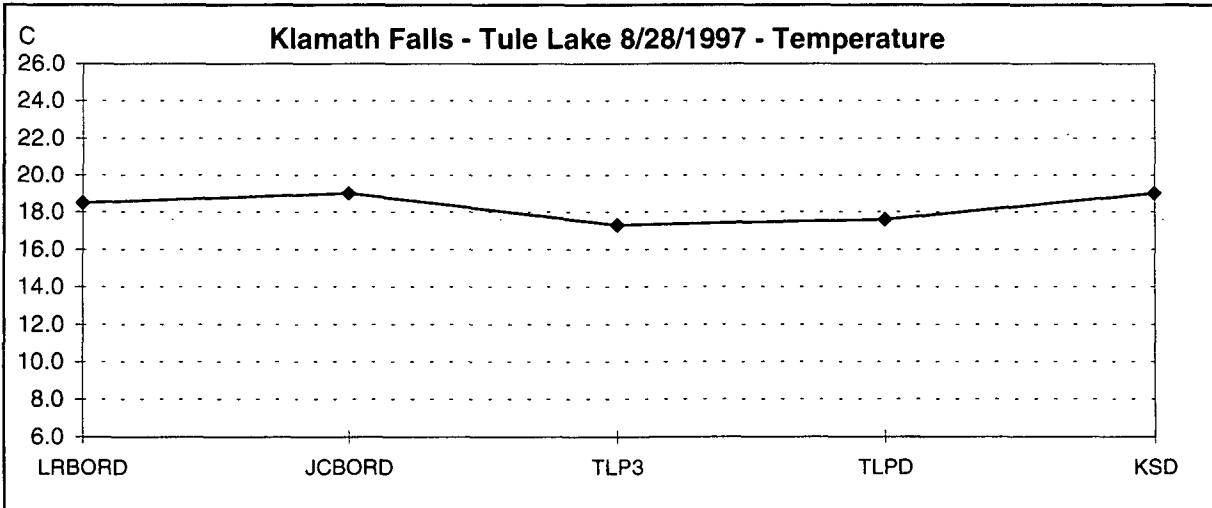
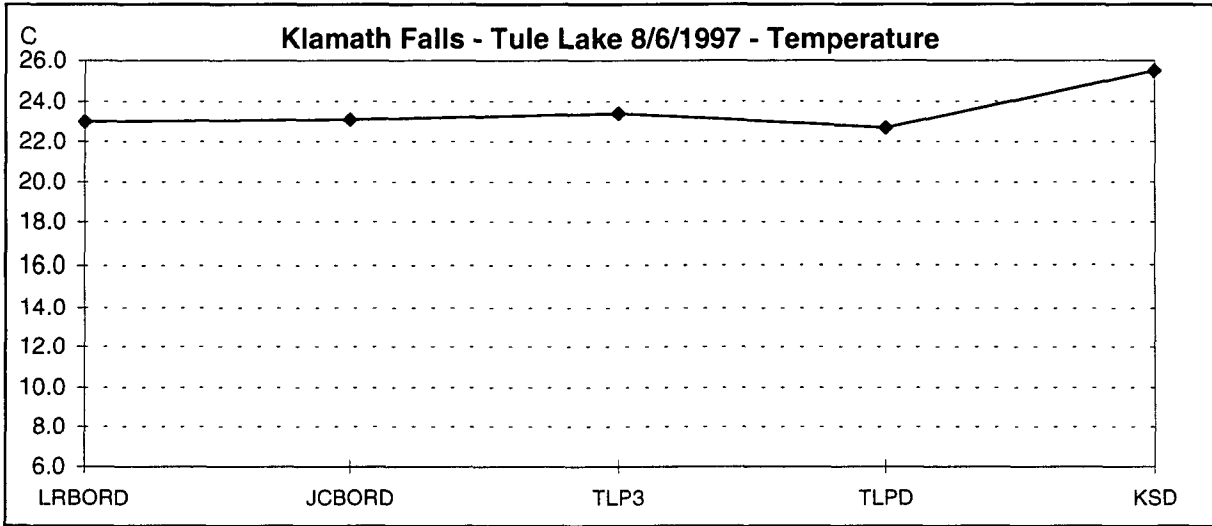
K Falls - Tule Date Temps



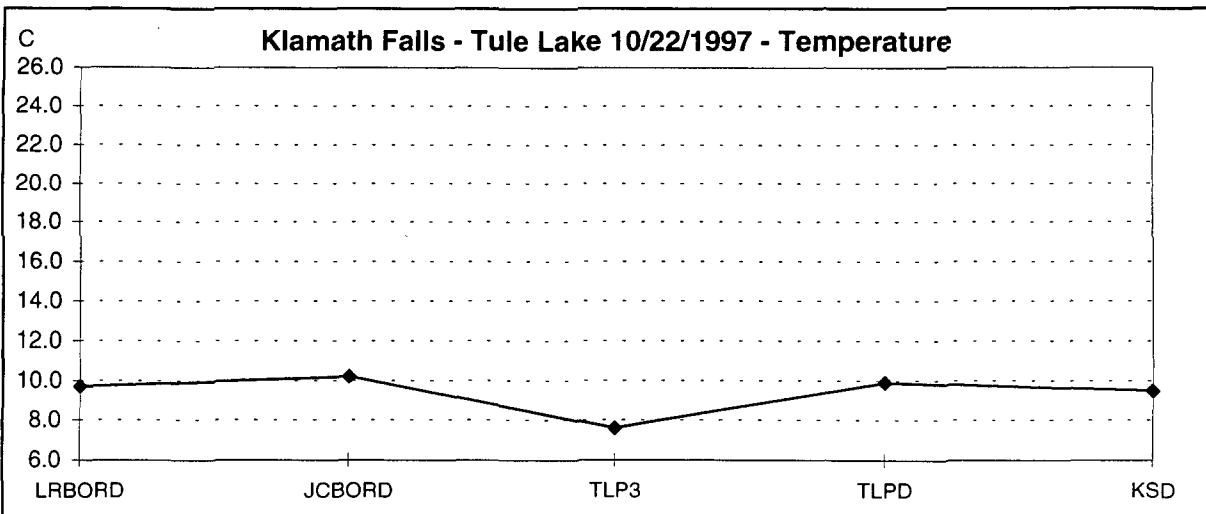
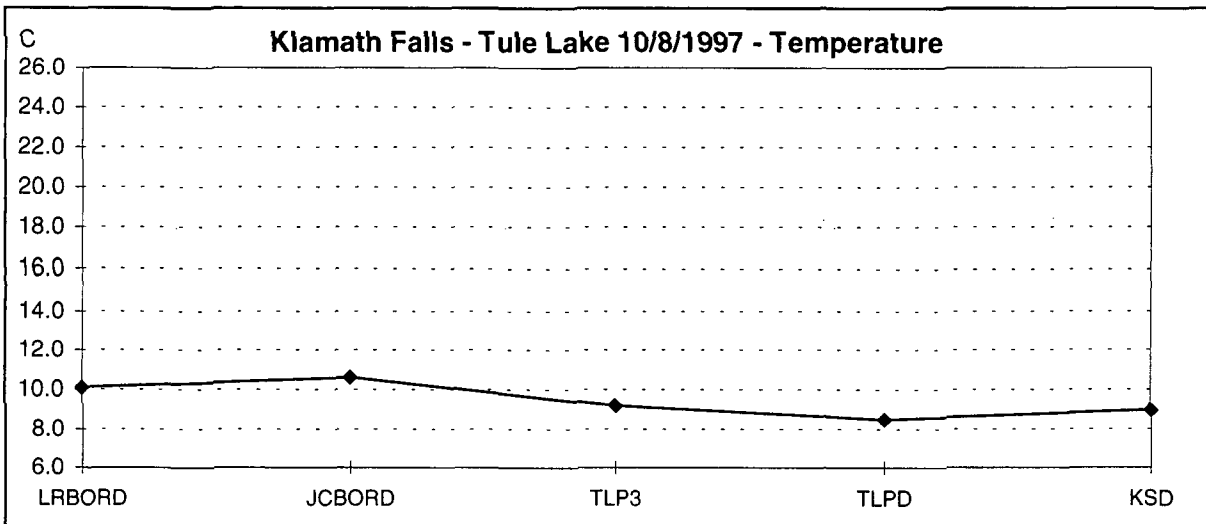
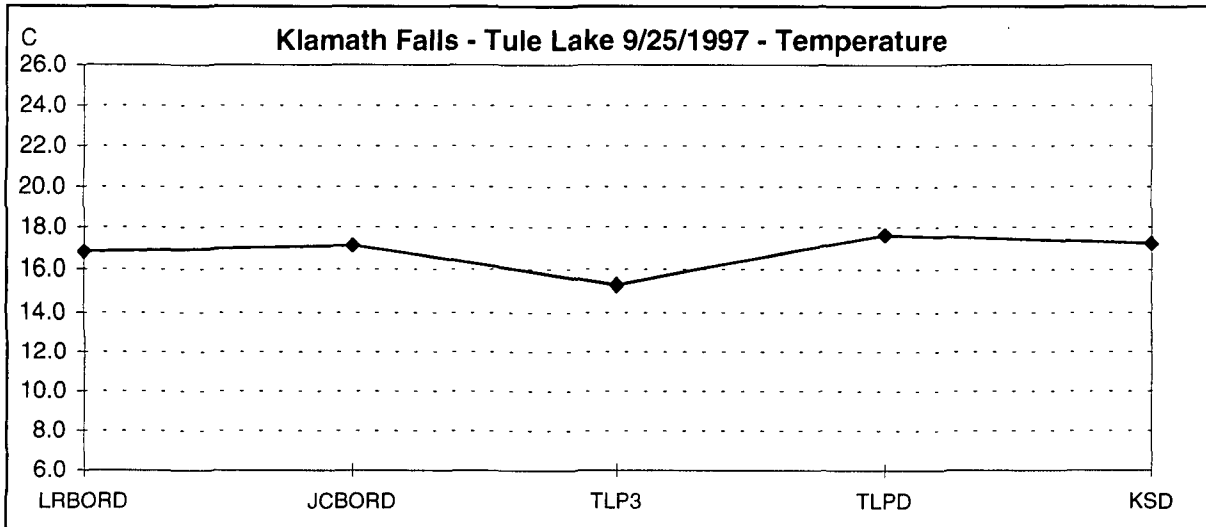
K Falls - Tule Date Temps



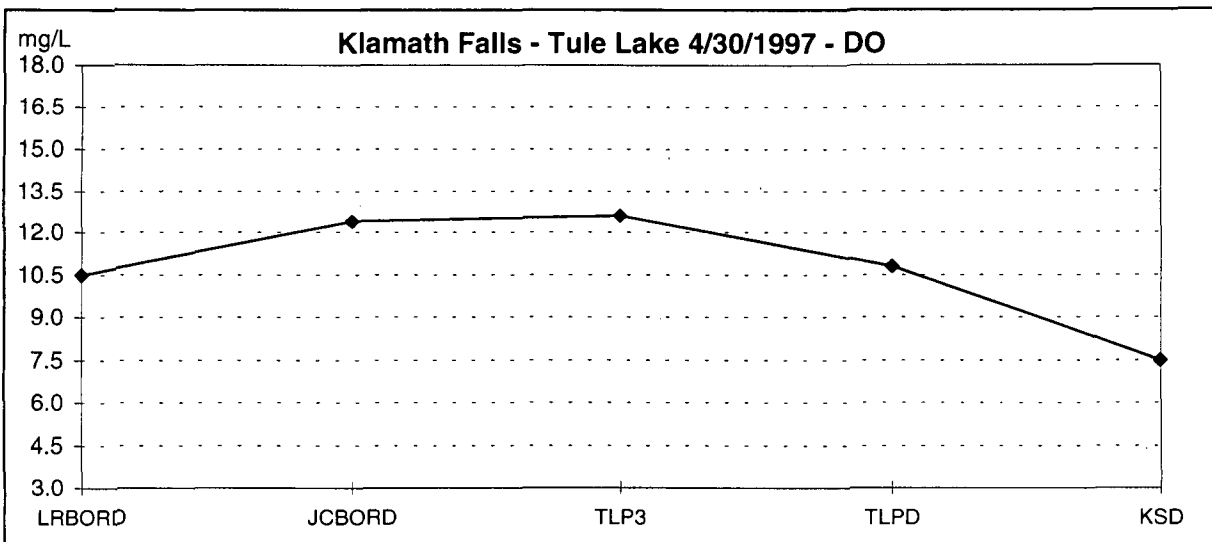
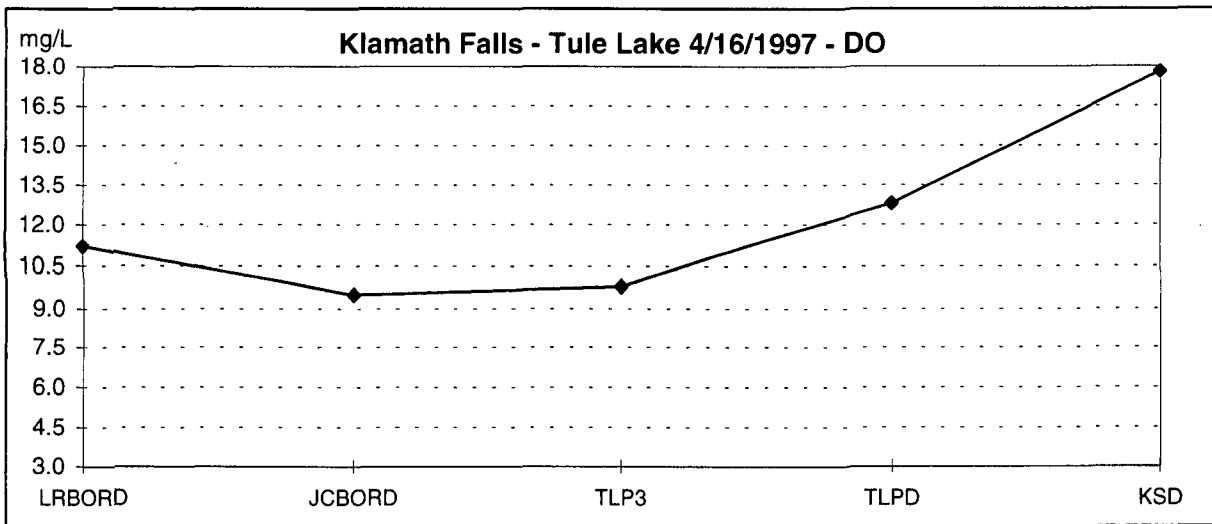
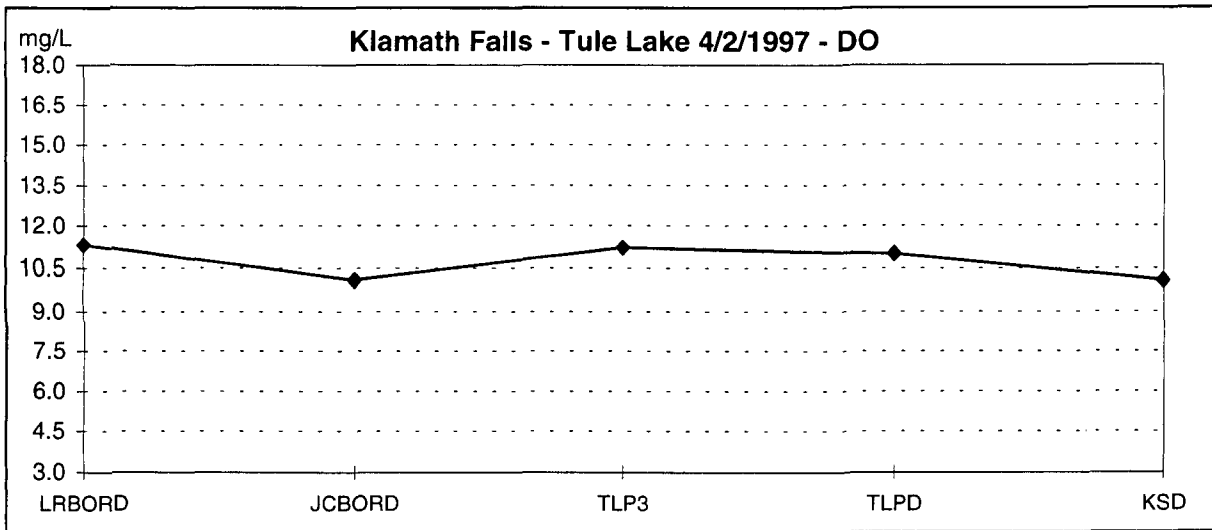
K Falls - Tule Date Temps



K Falls - Tule Date Temps

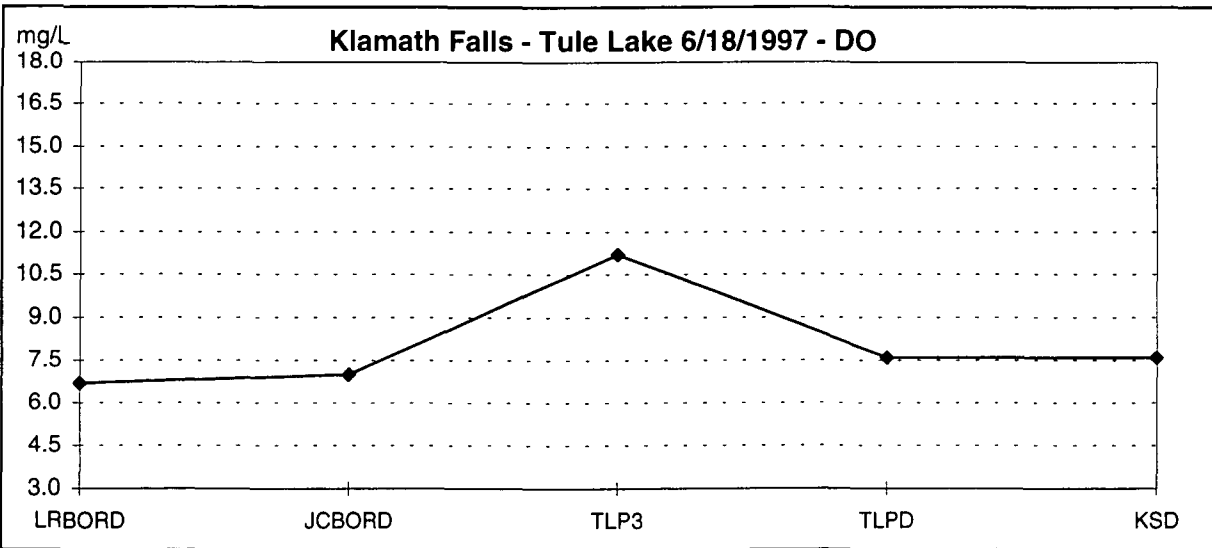
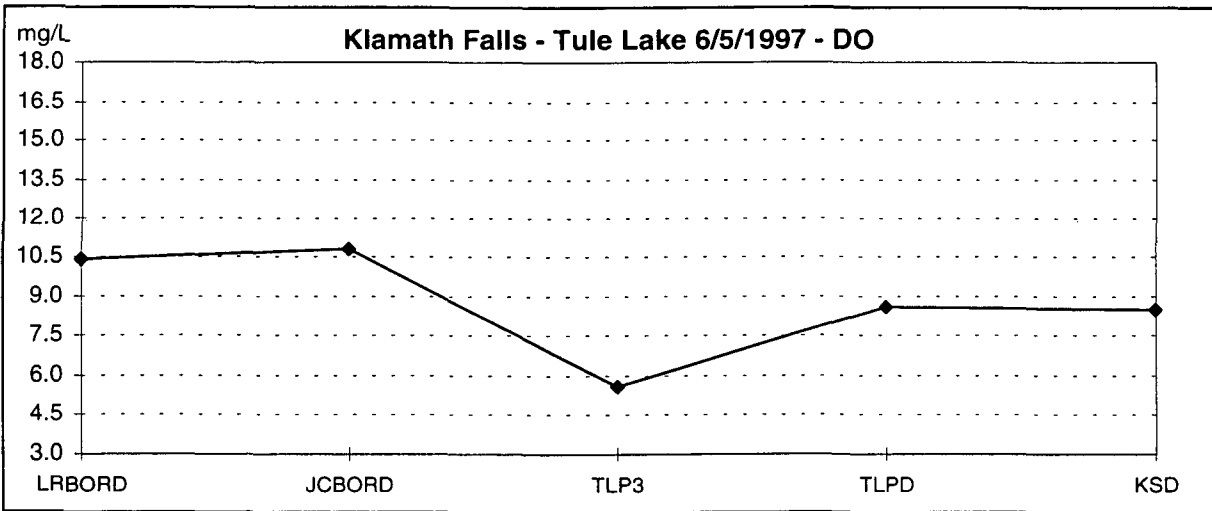
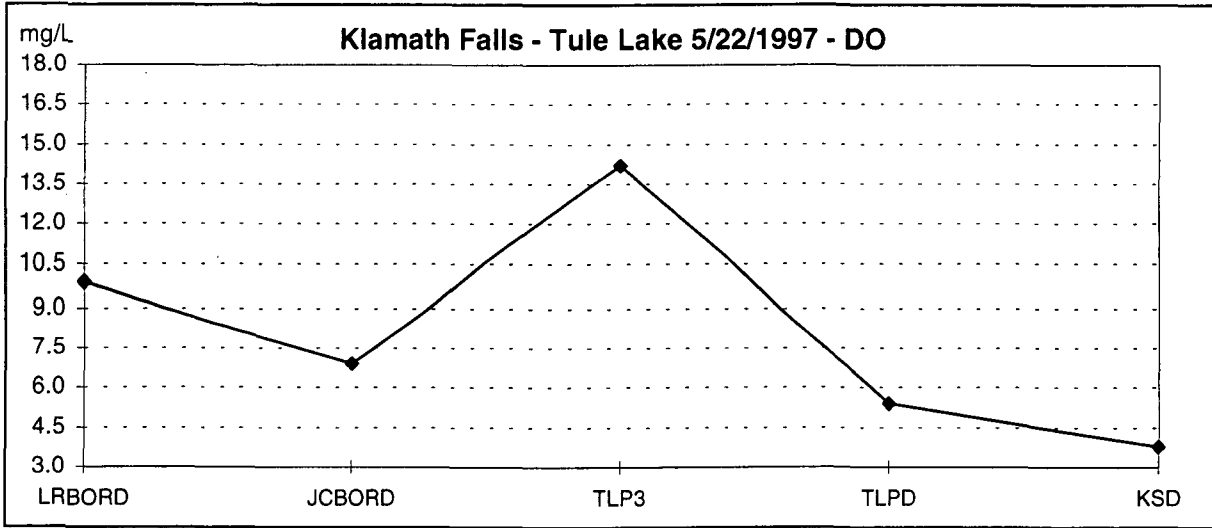


K Falls - Tule Date DOs

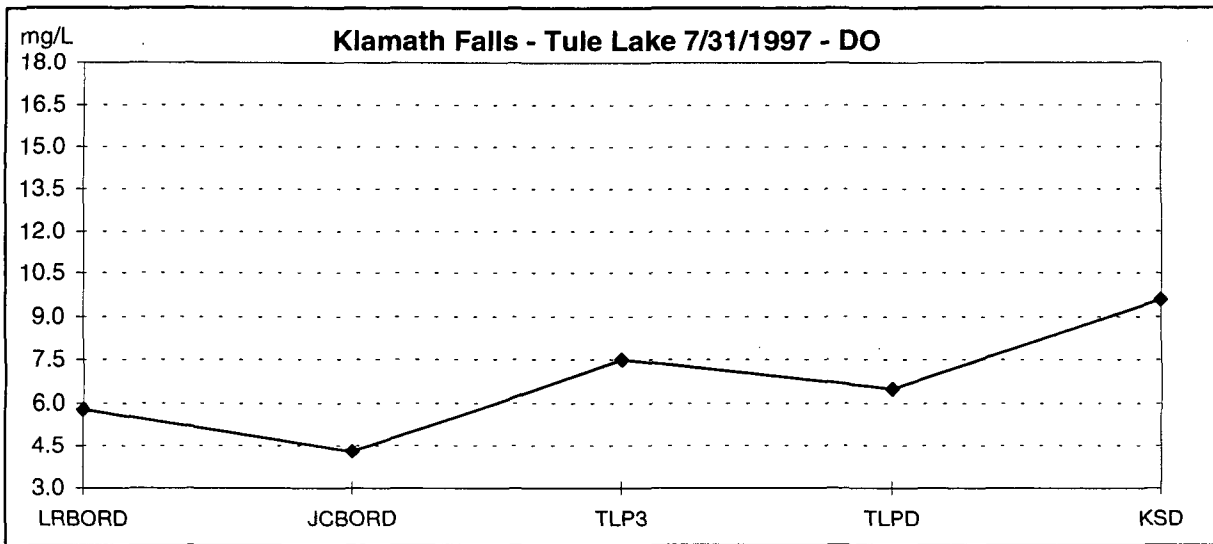
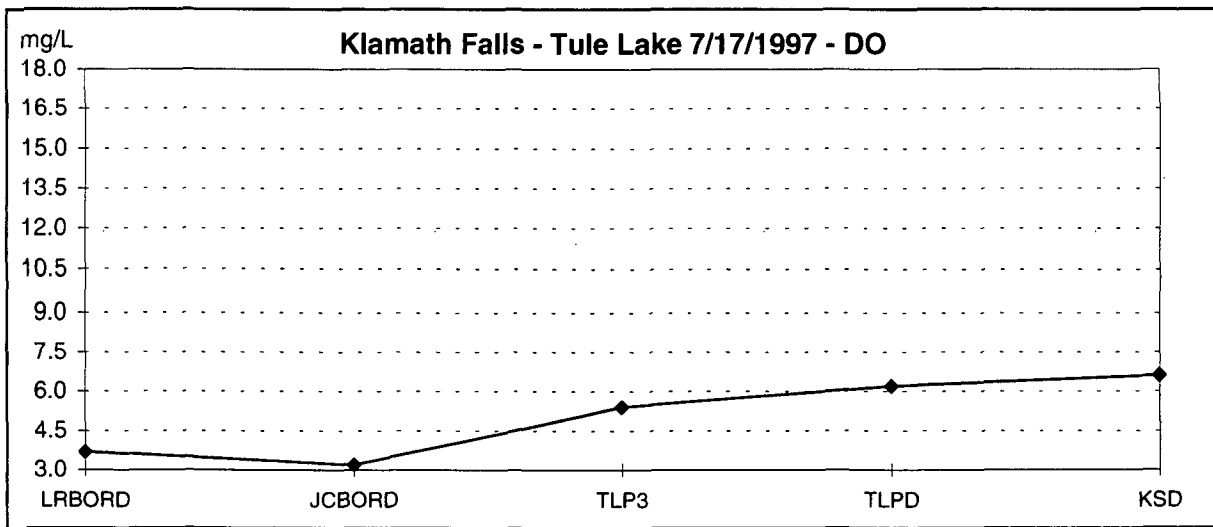
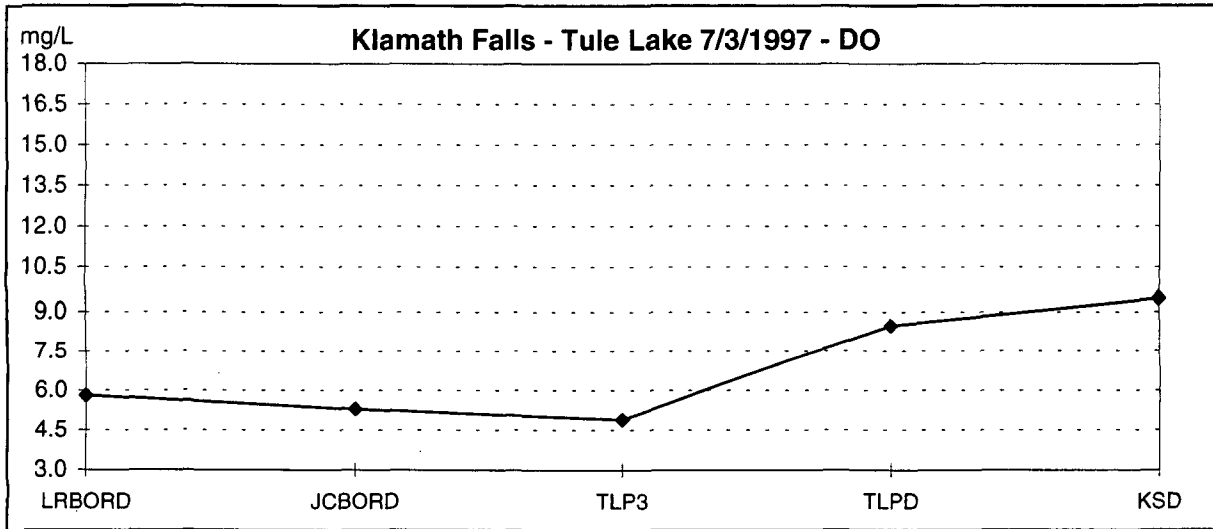


tab
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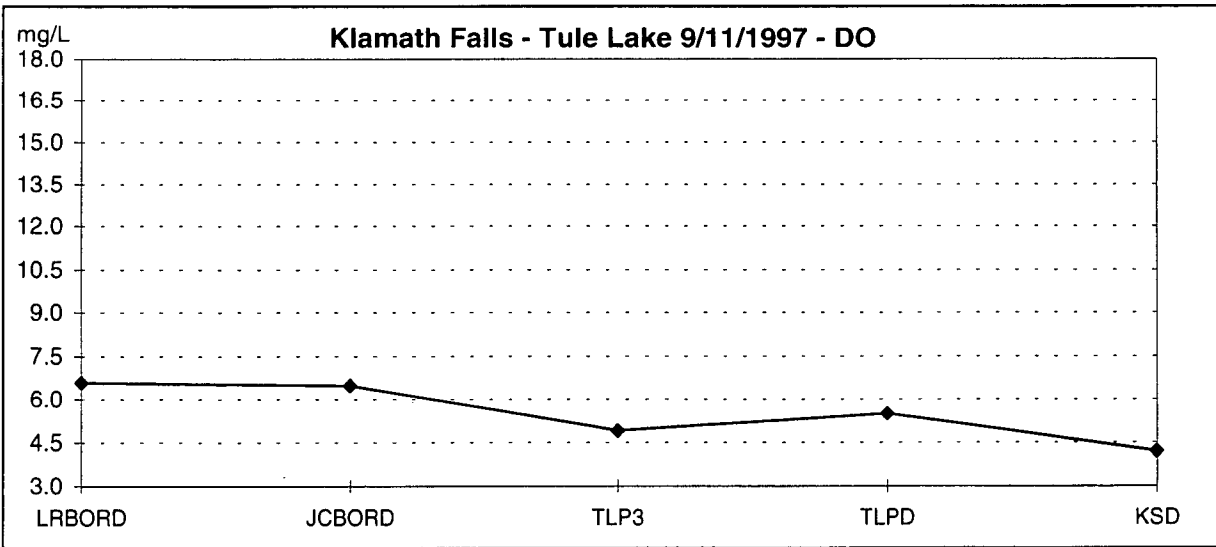
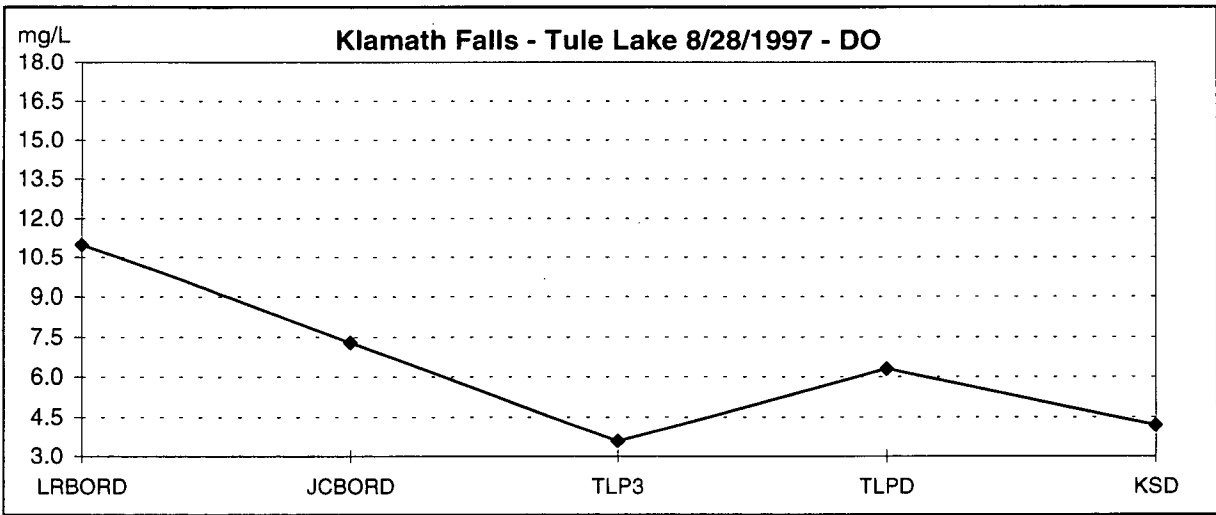
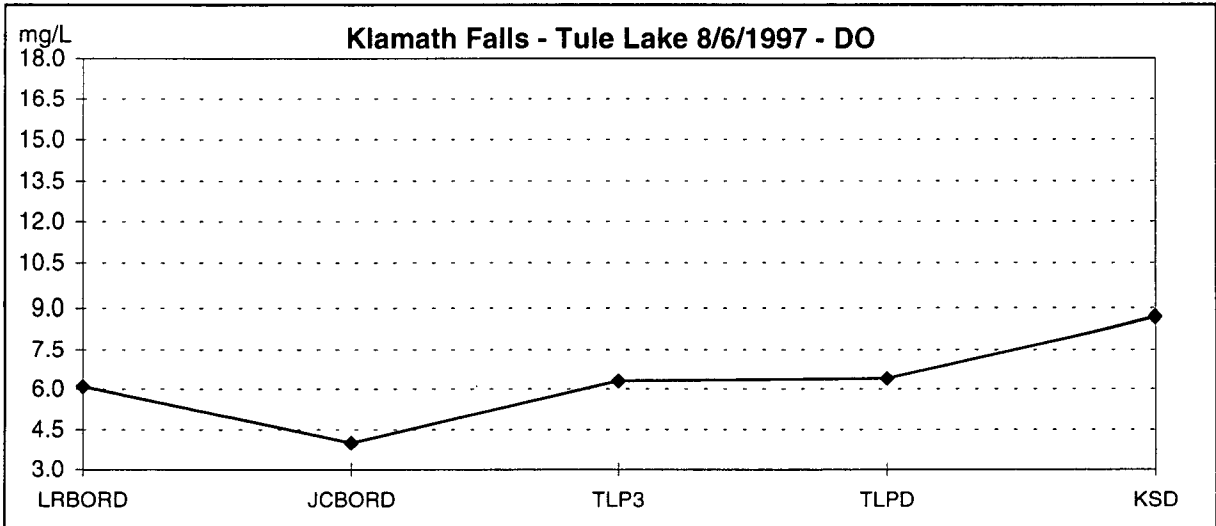
K Falls - Tule Date DOs



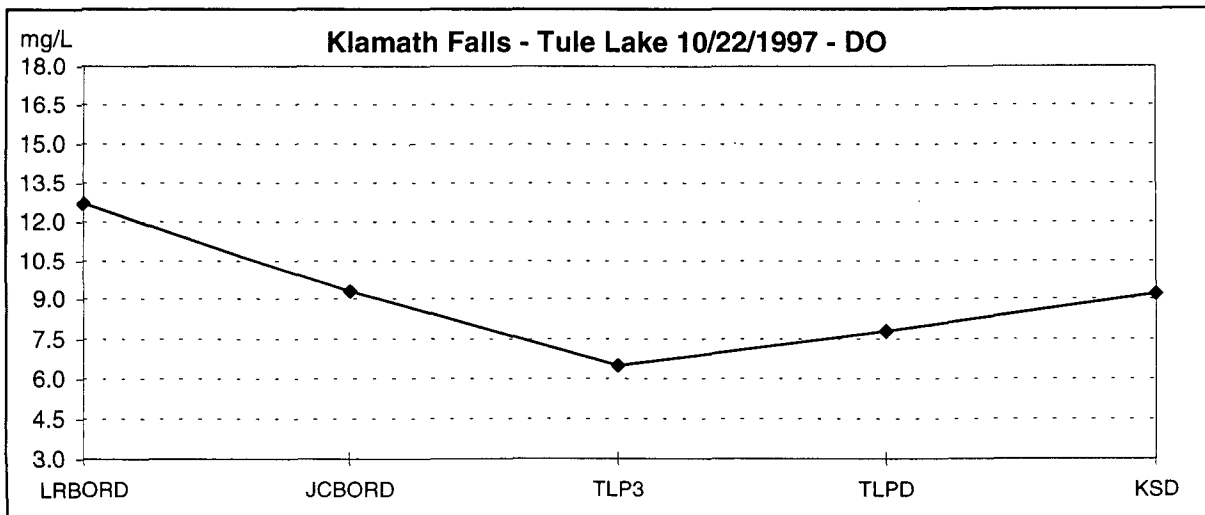
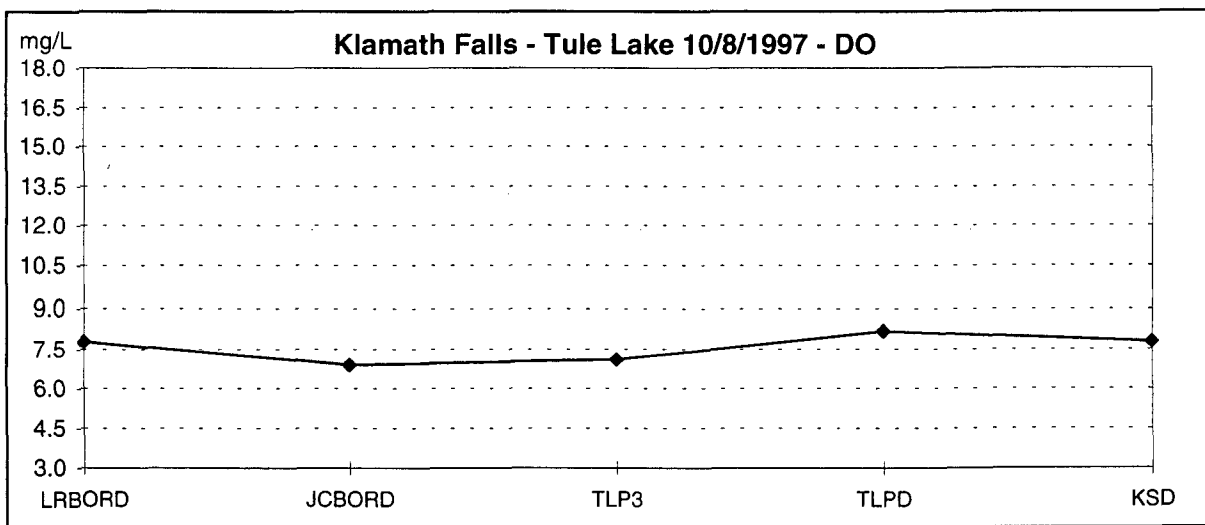
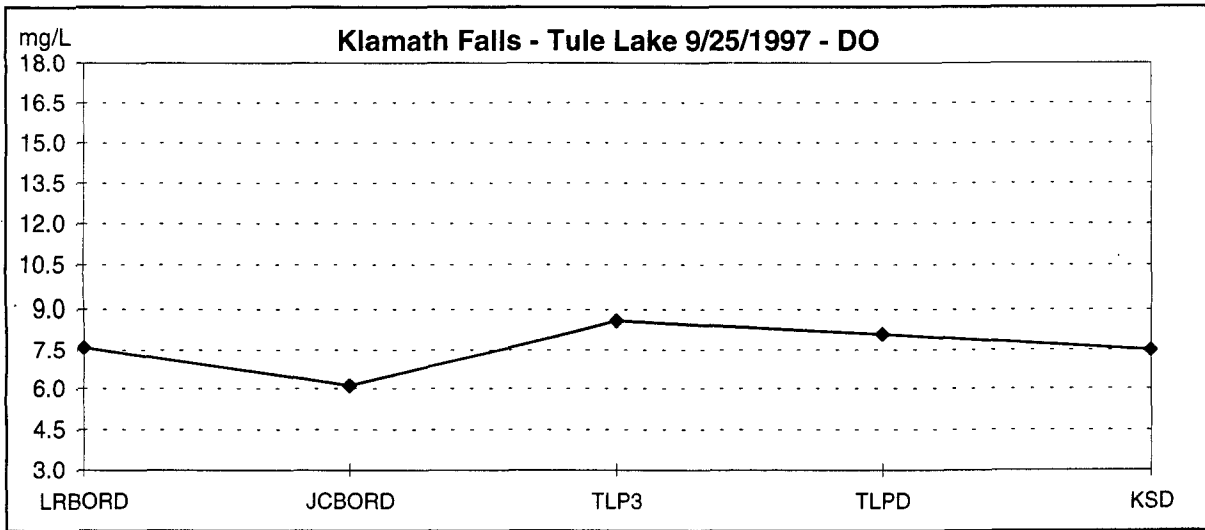
K Falls - Tule Date DOs



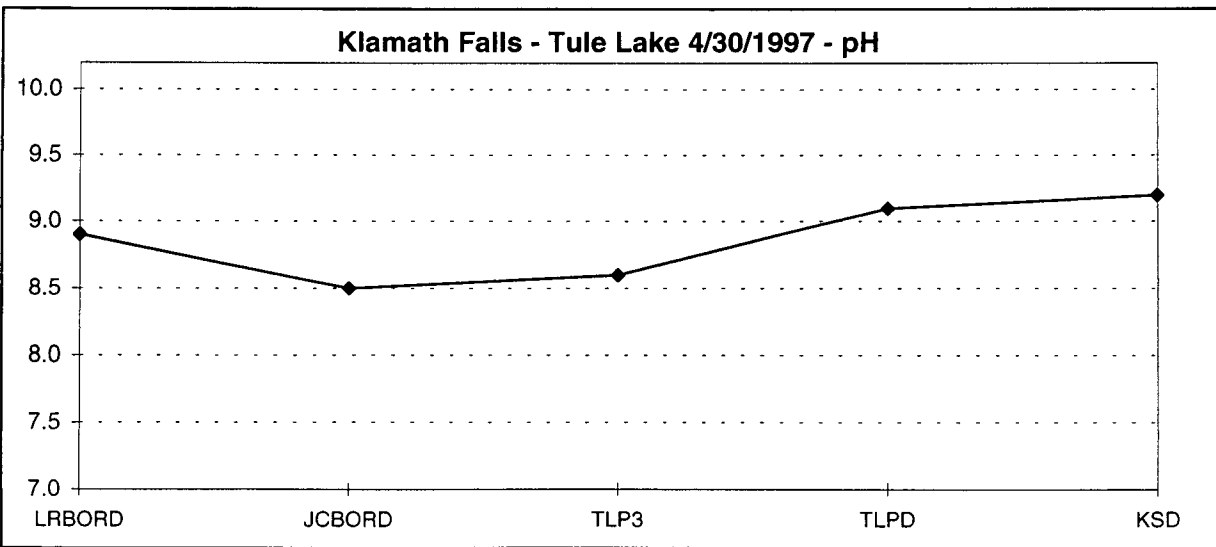
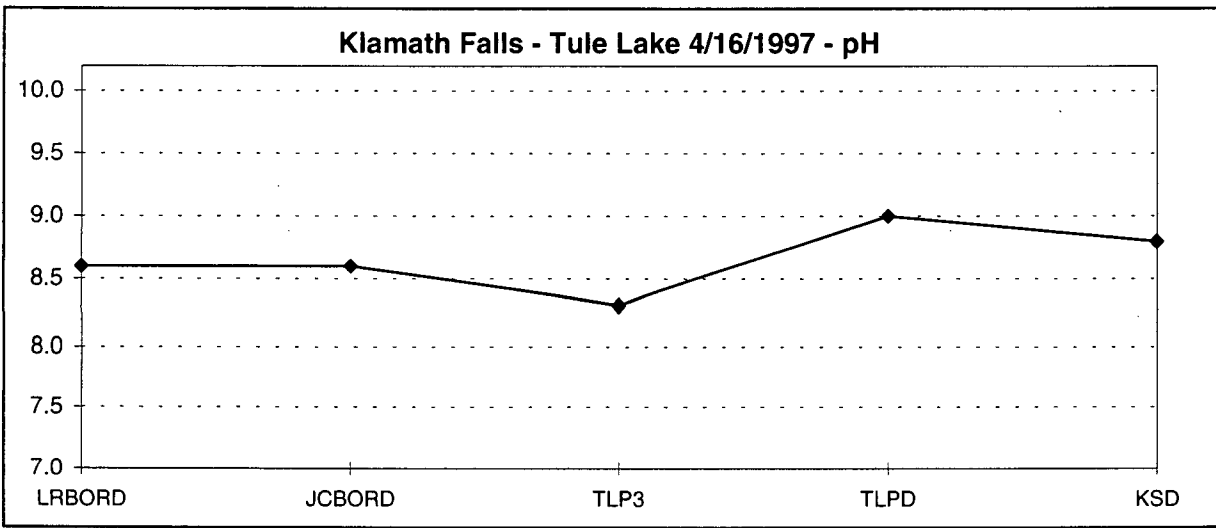
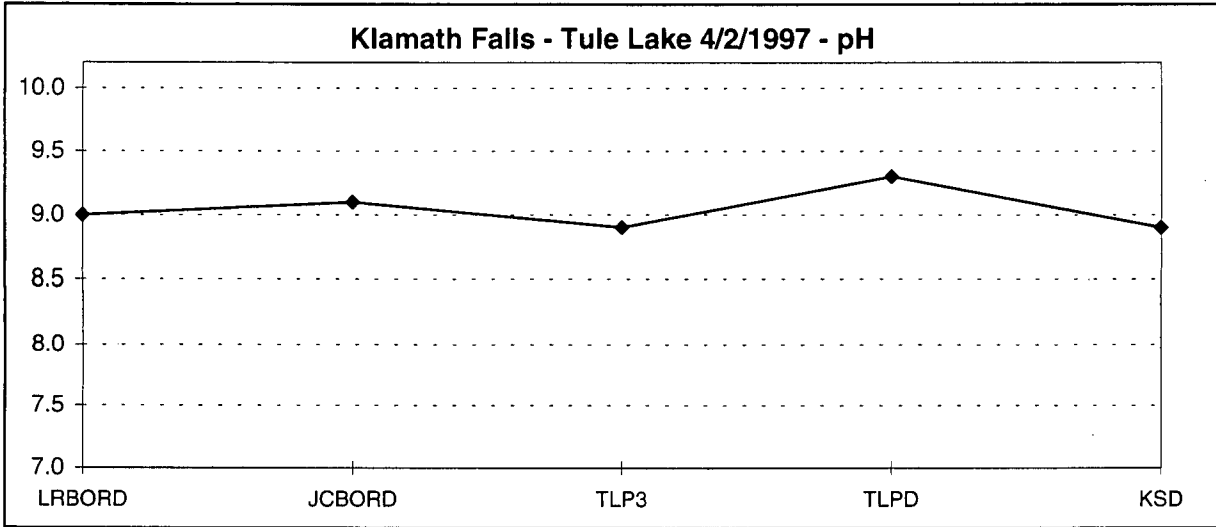
K Falls - Tule Date DOs



K Falls - Tule Date DOs

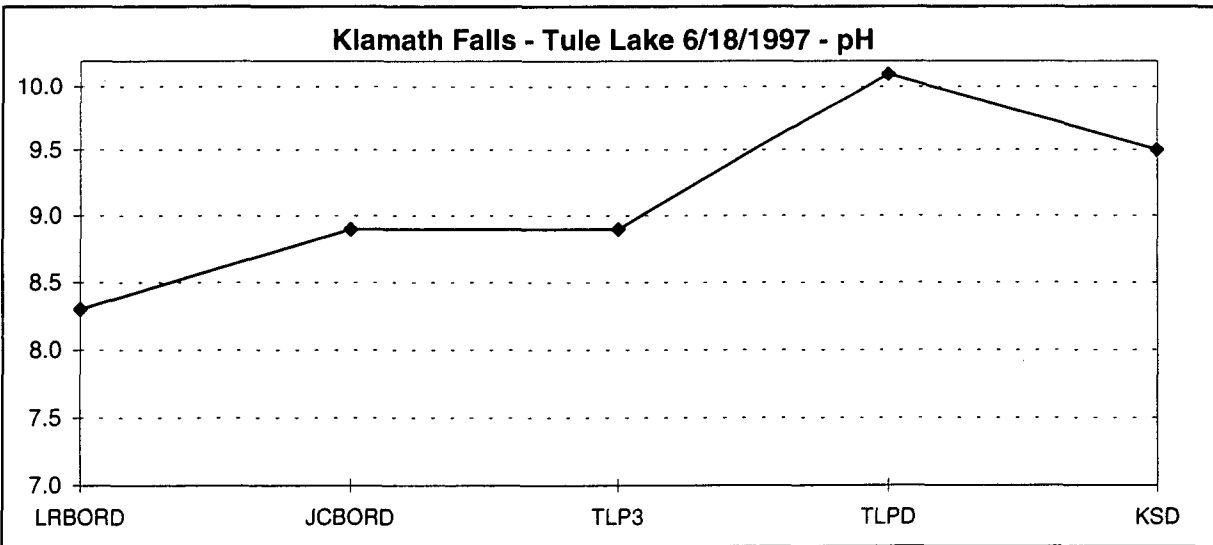
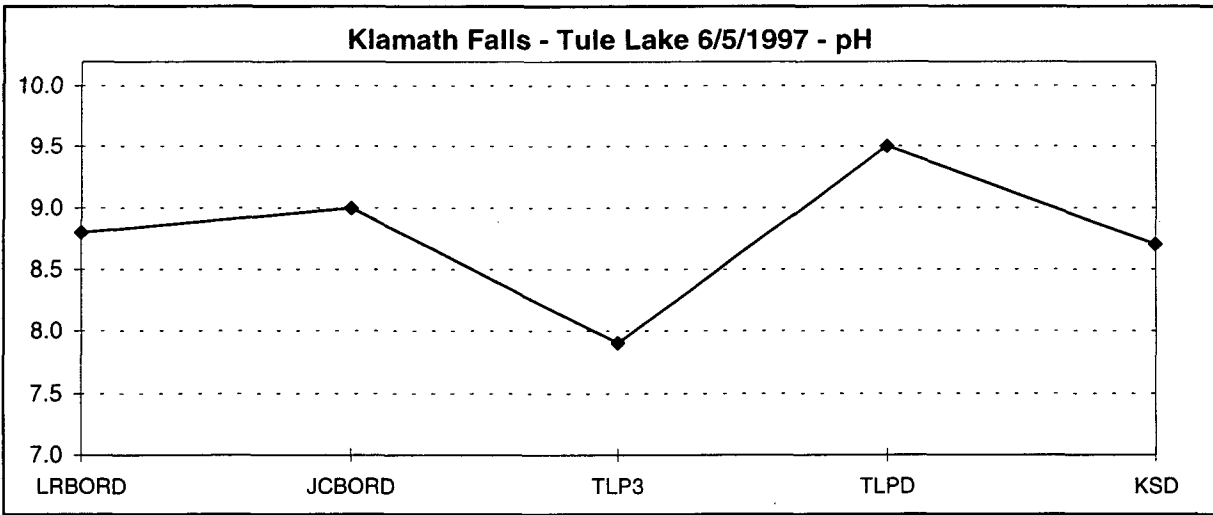
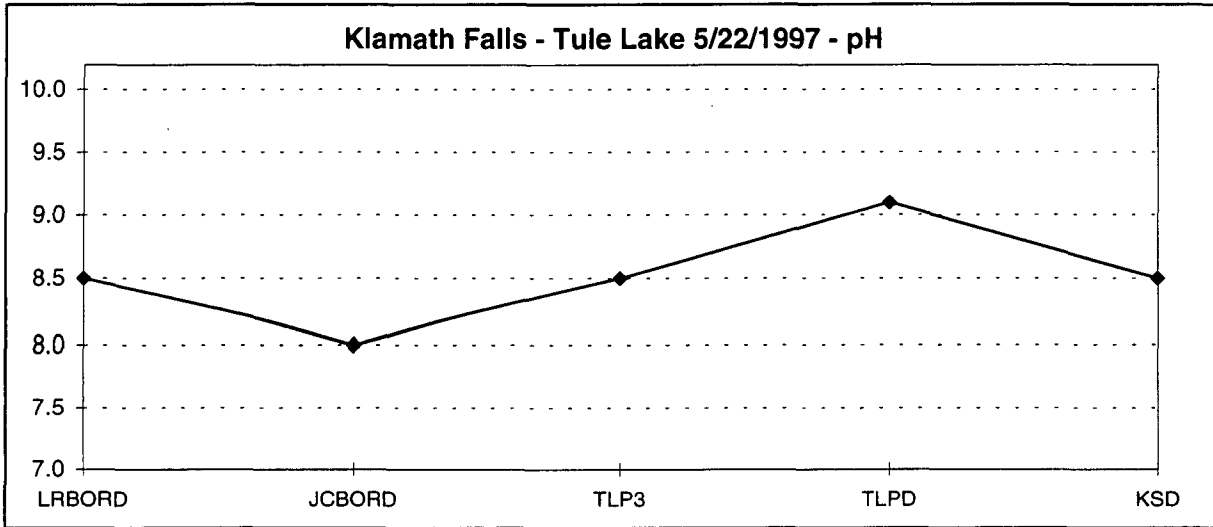


K Falls - Tule Date pHs

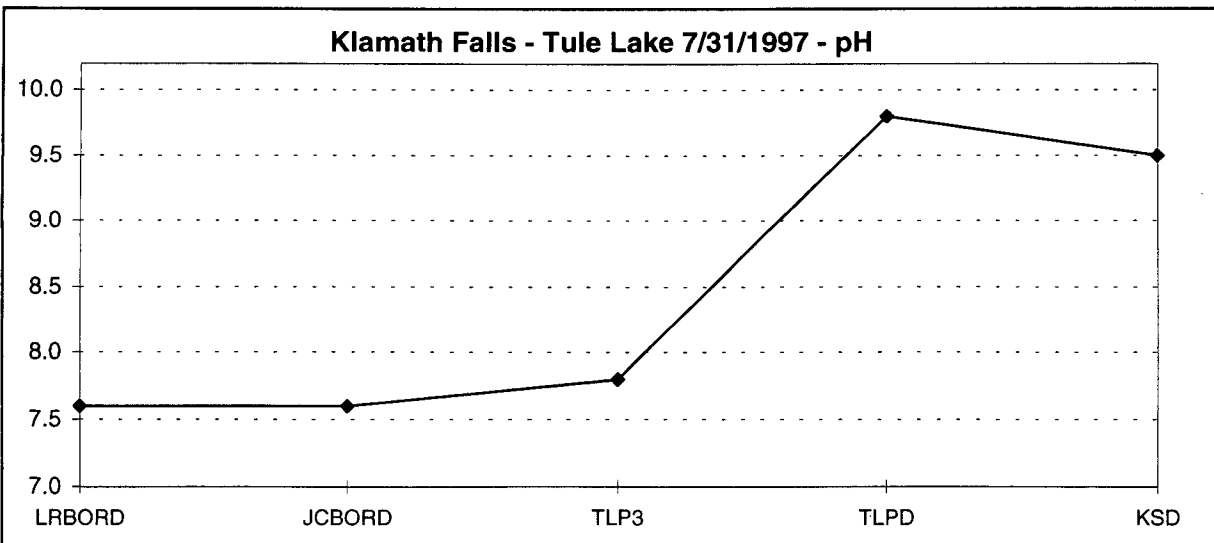
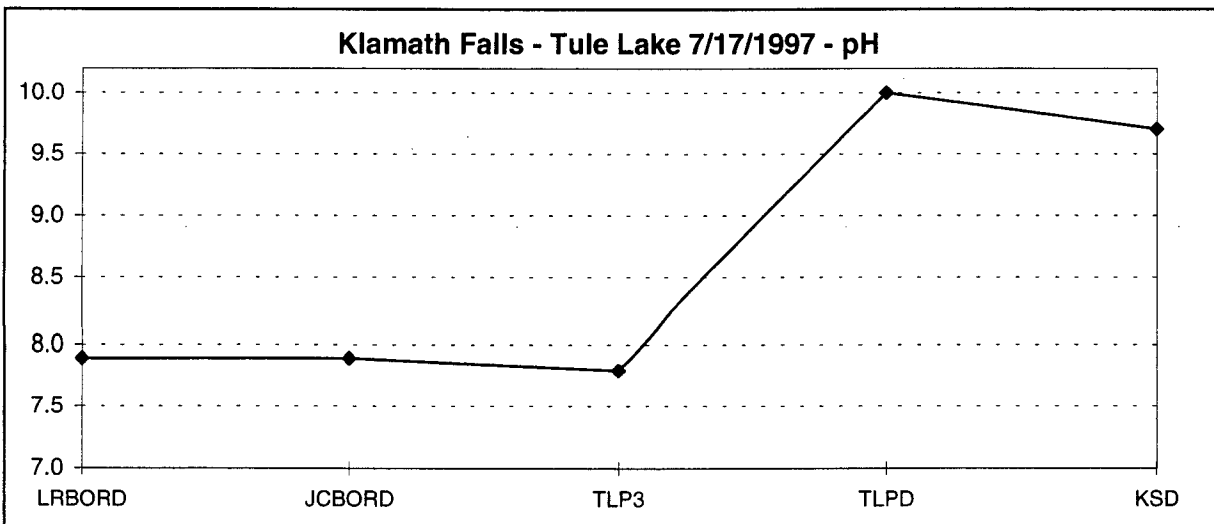
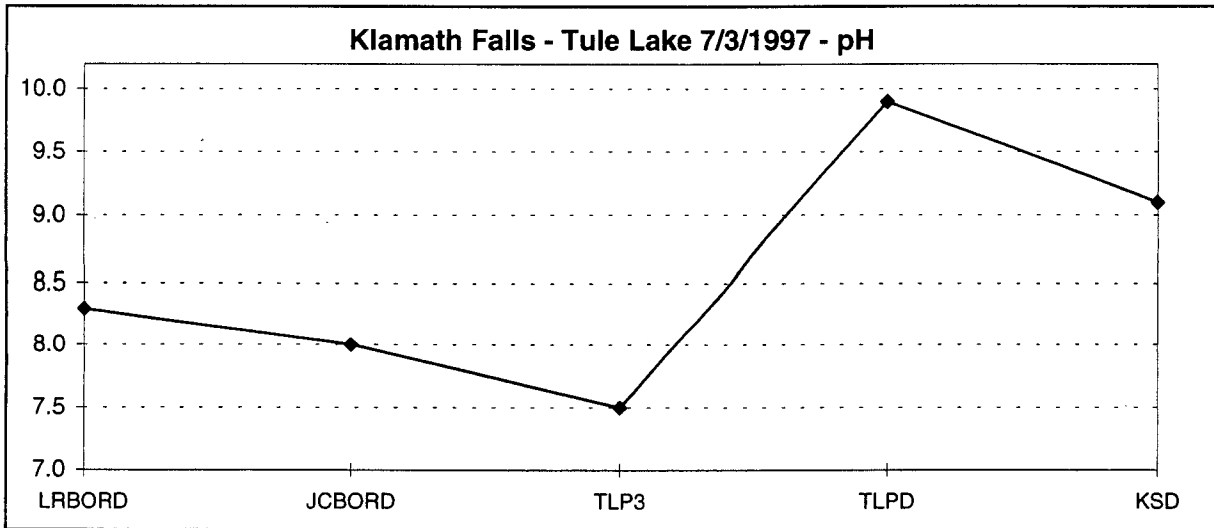


Feb-12

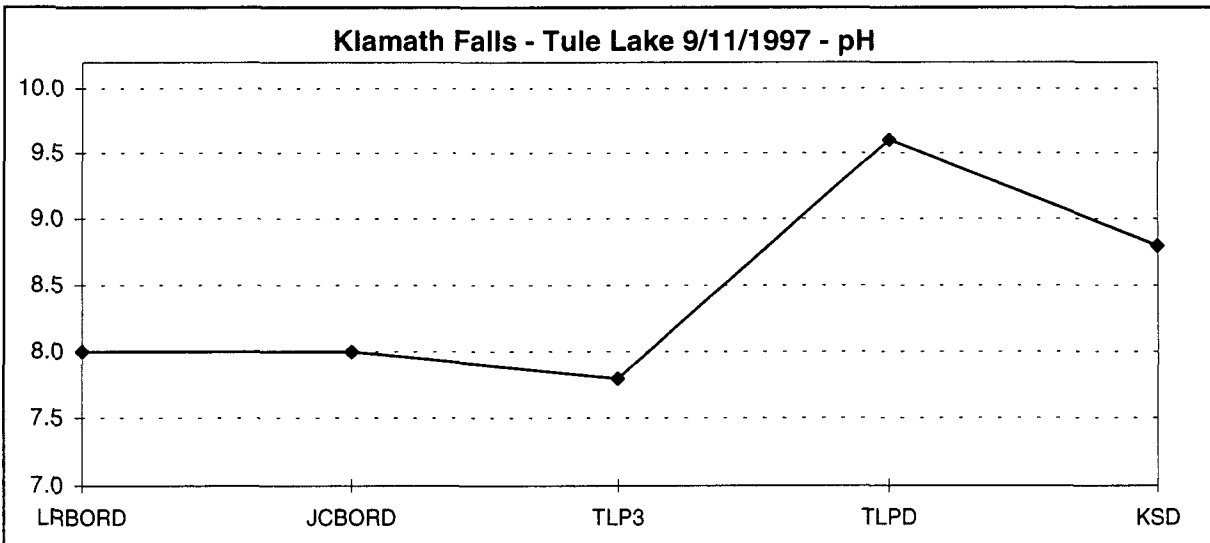
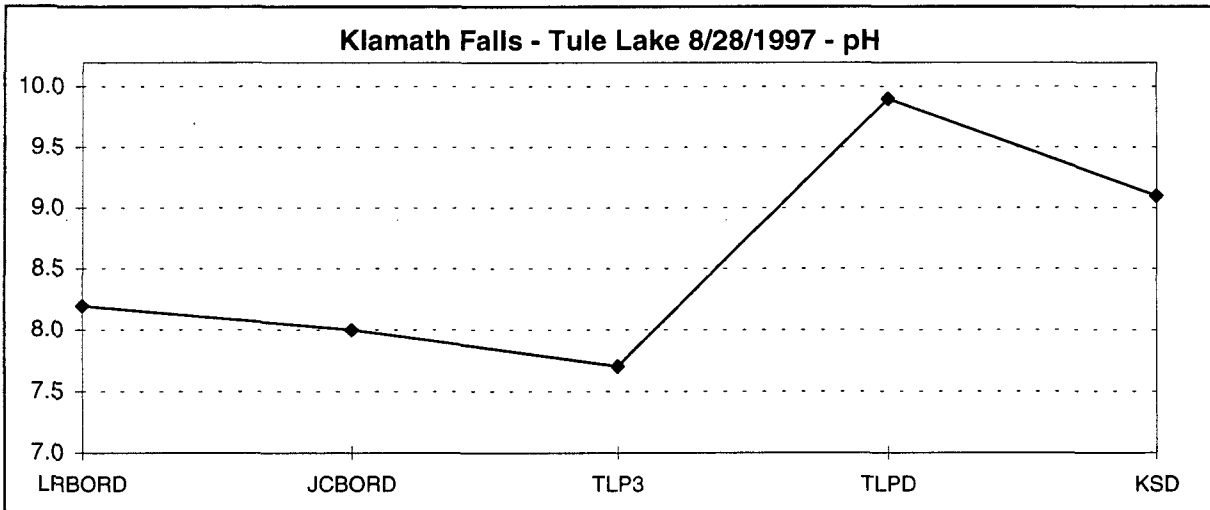
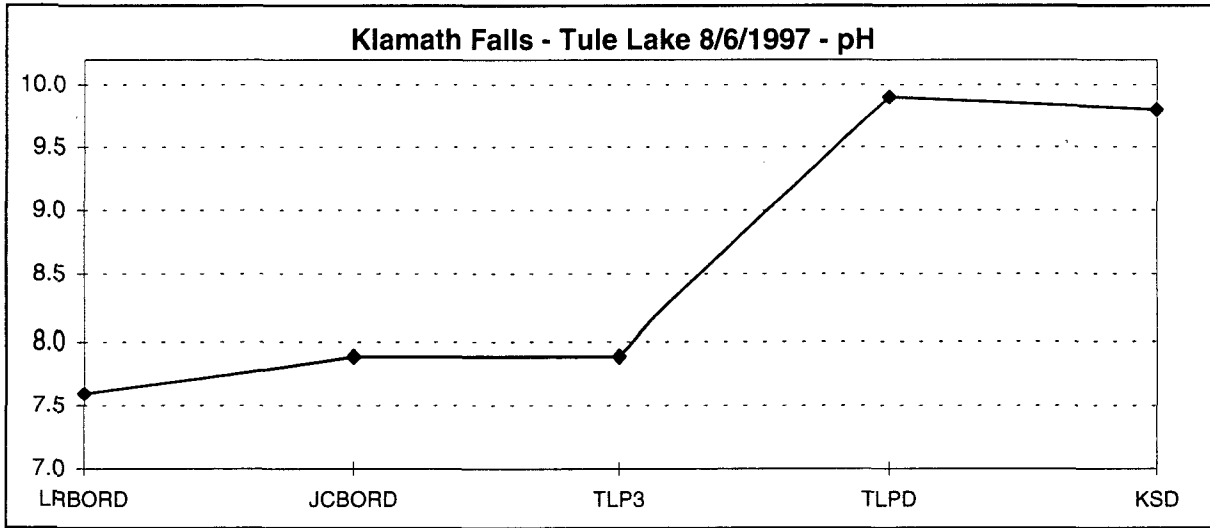
K Falls - Tule Date pHs



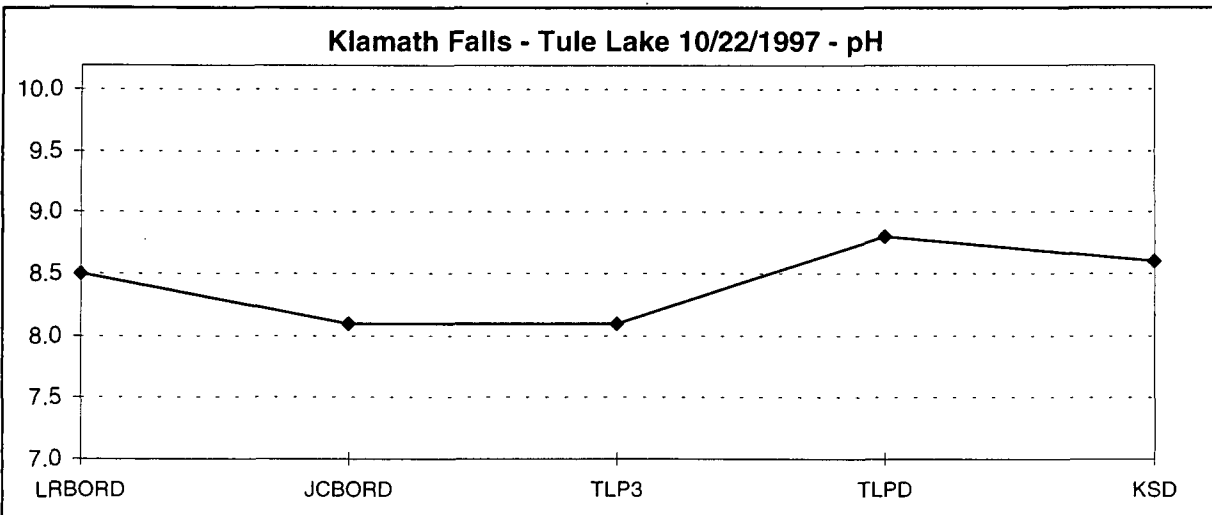
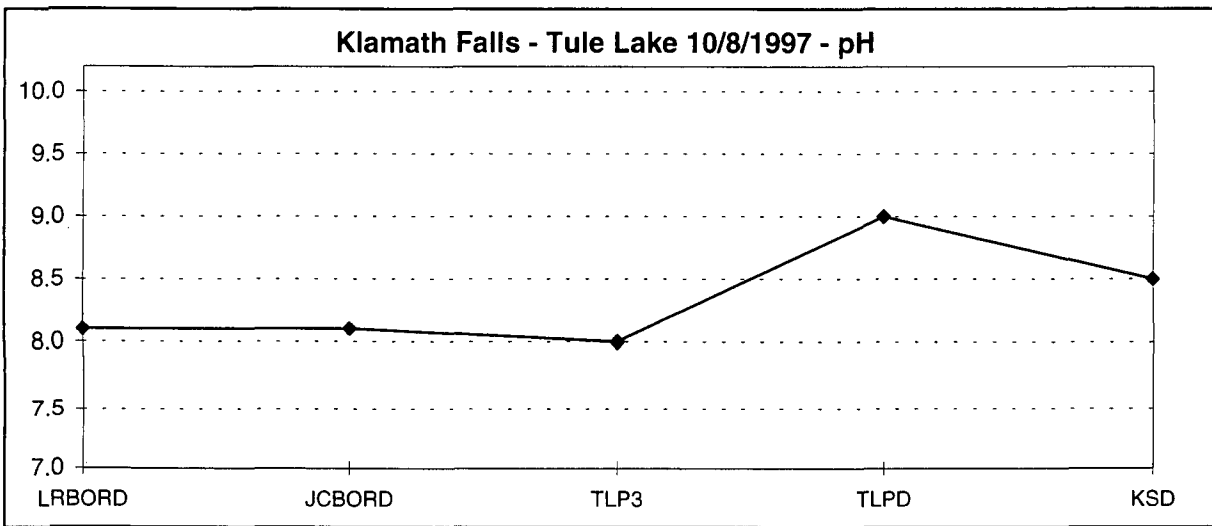
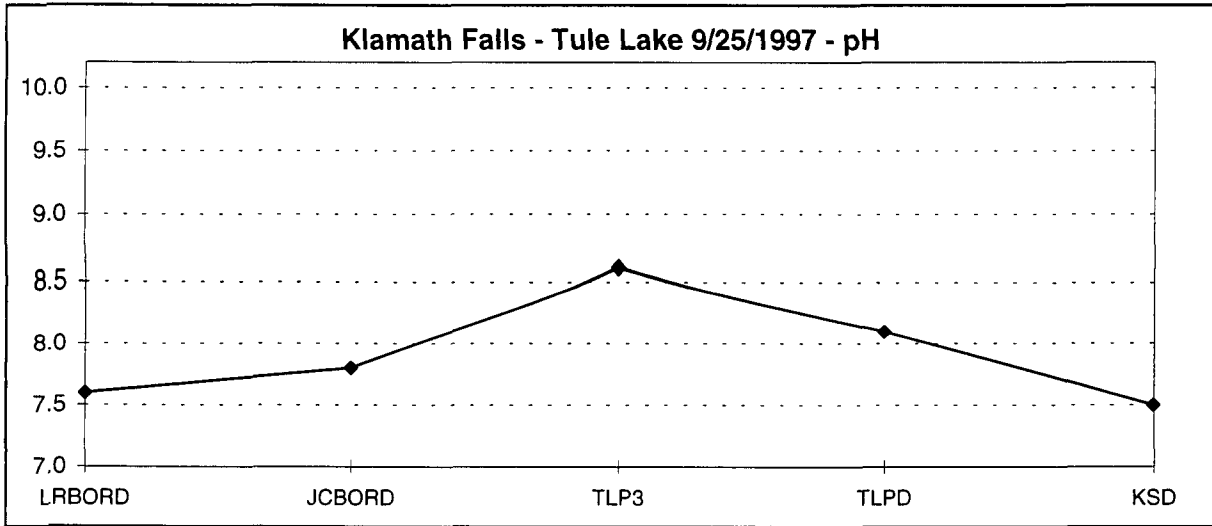
K Falls - Tule Date pHs



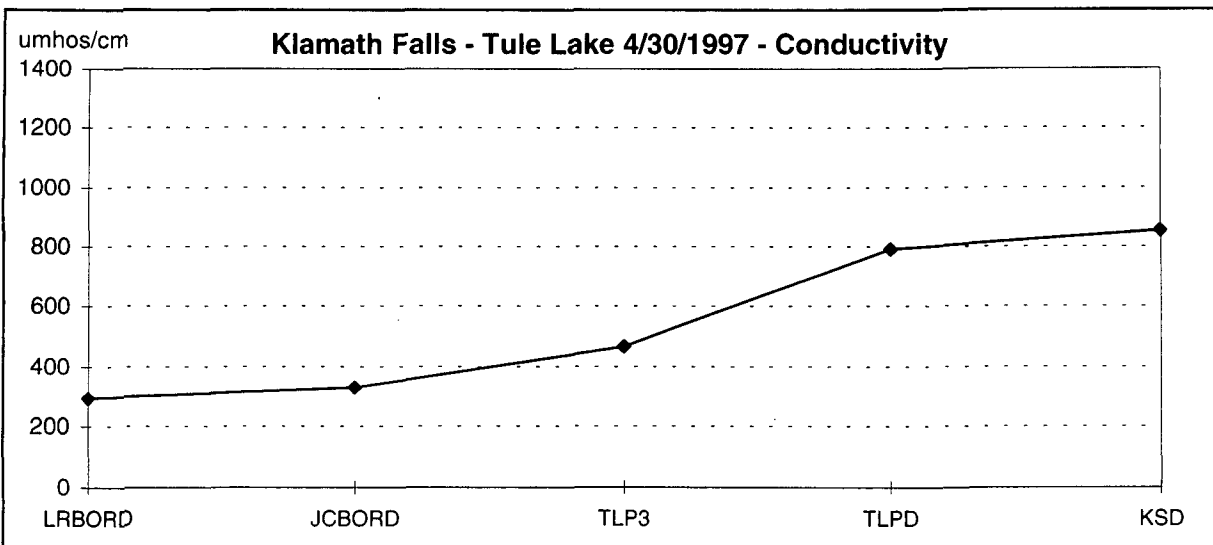
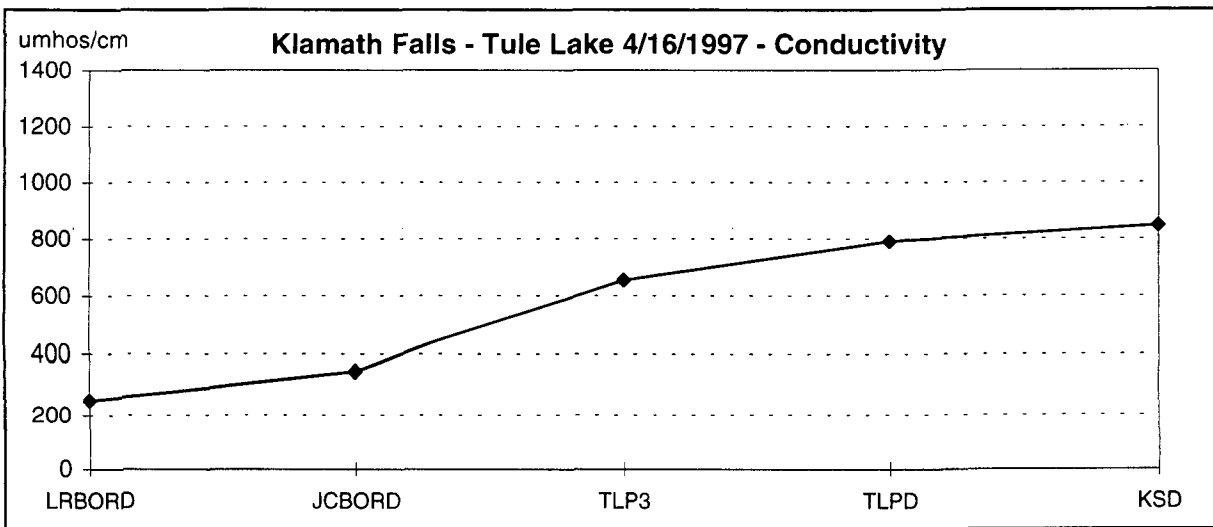
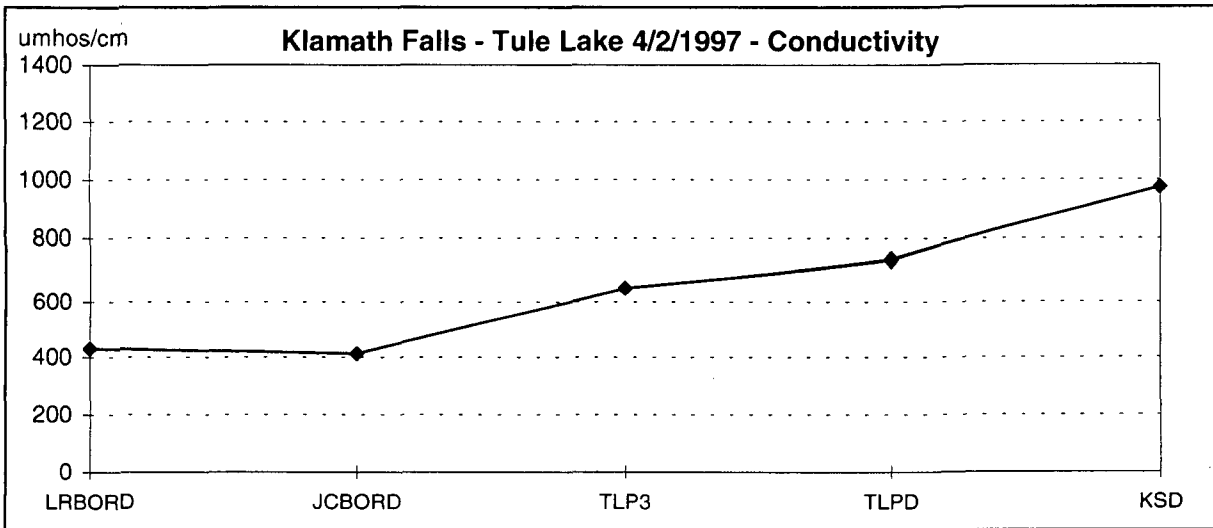
K Falls - Tule Date pHs



K Falls - Tule Date pHs

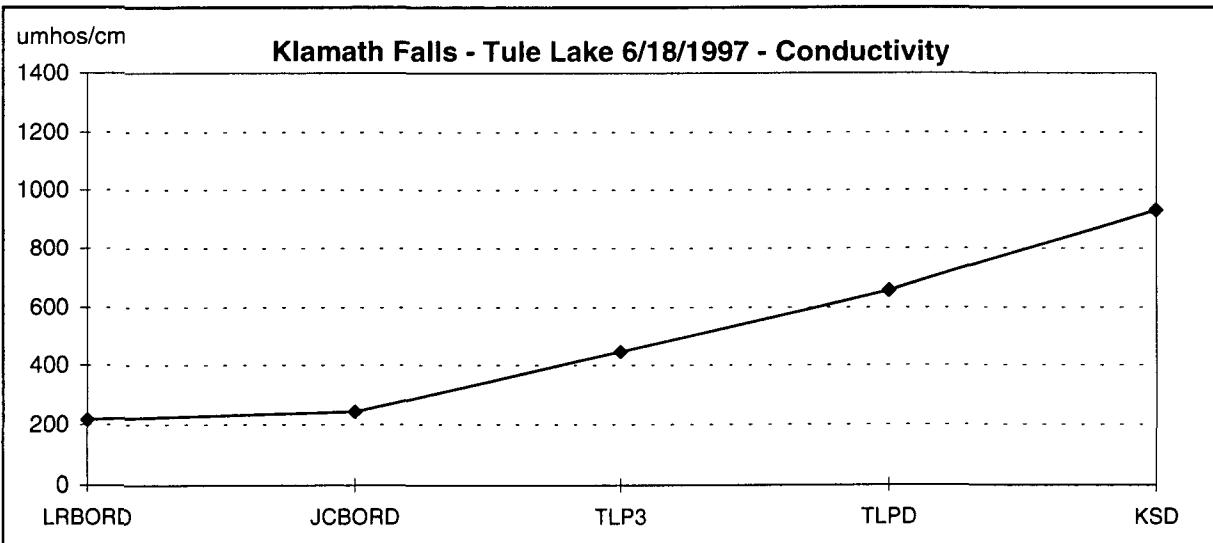
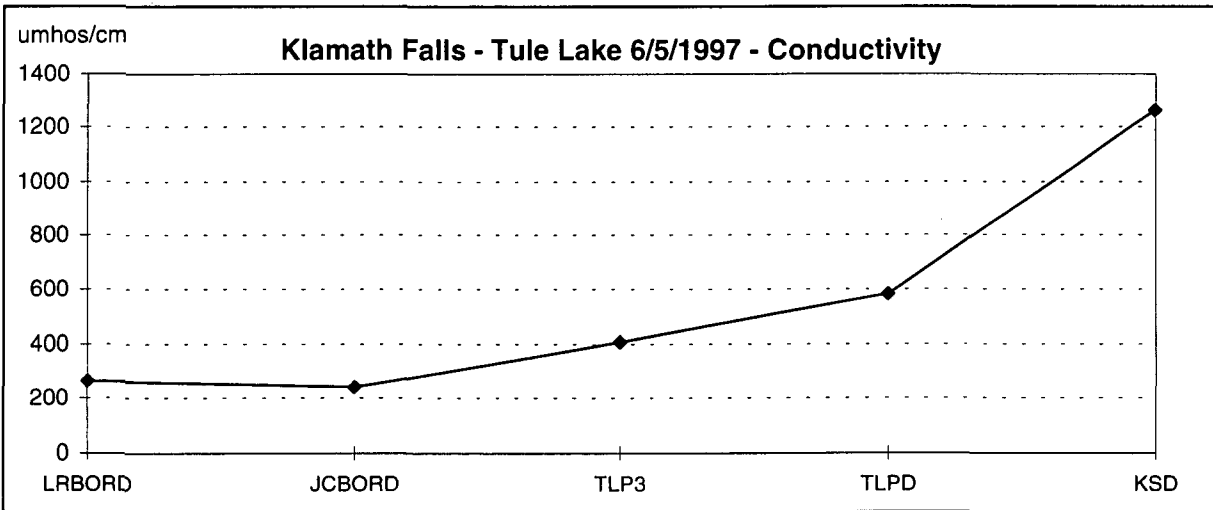
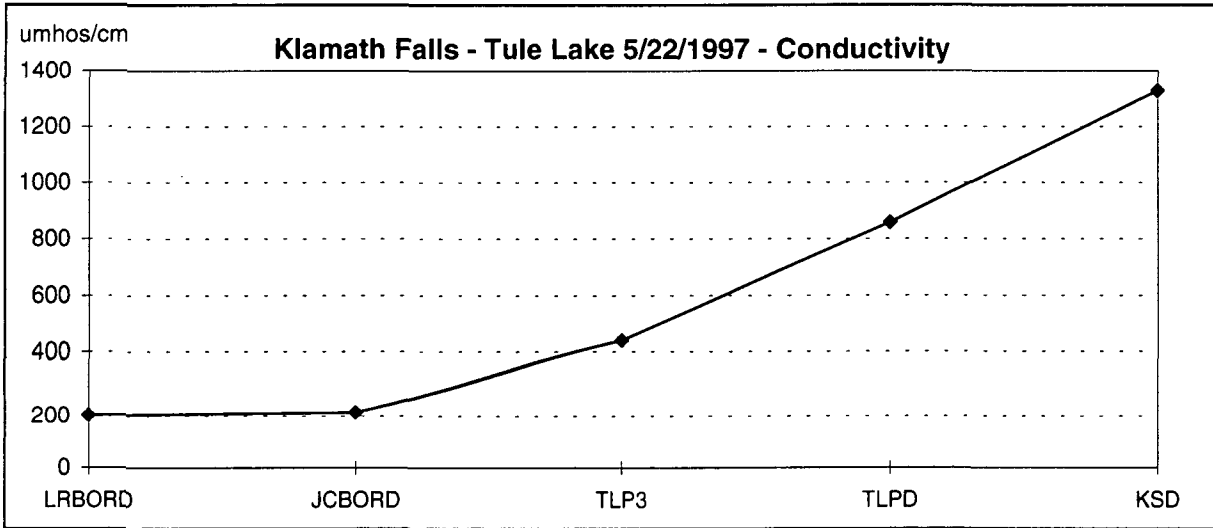


K Falls - Tule Date Cond

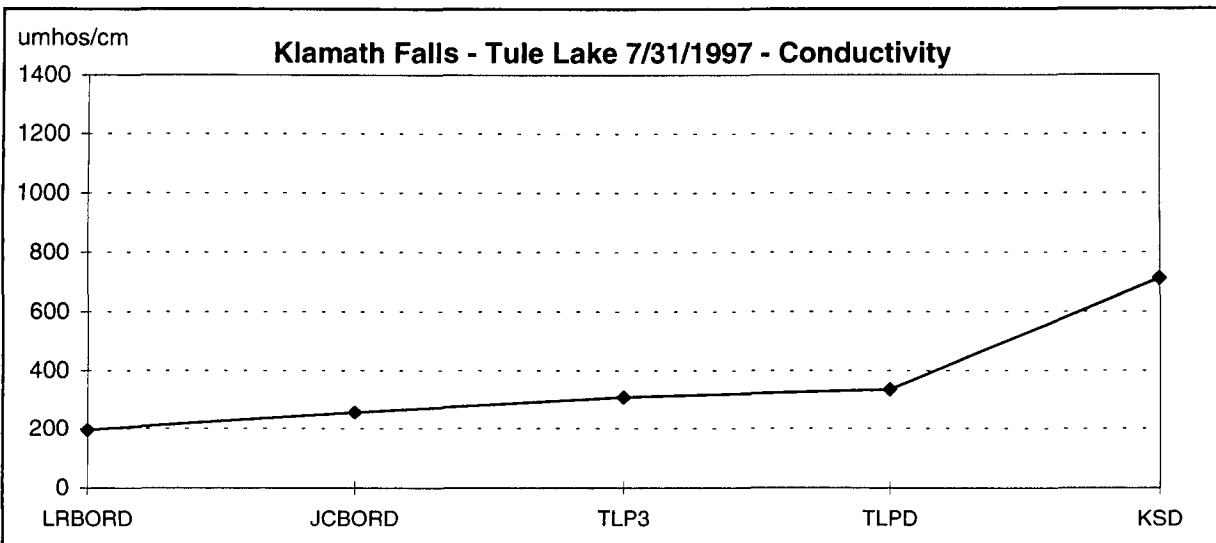
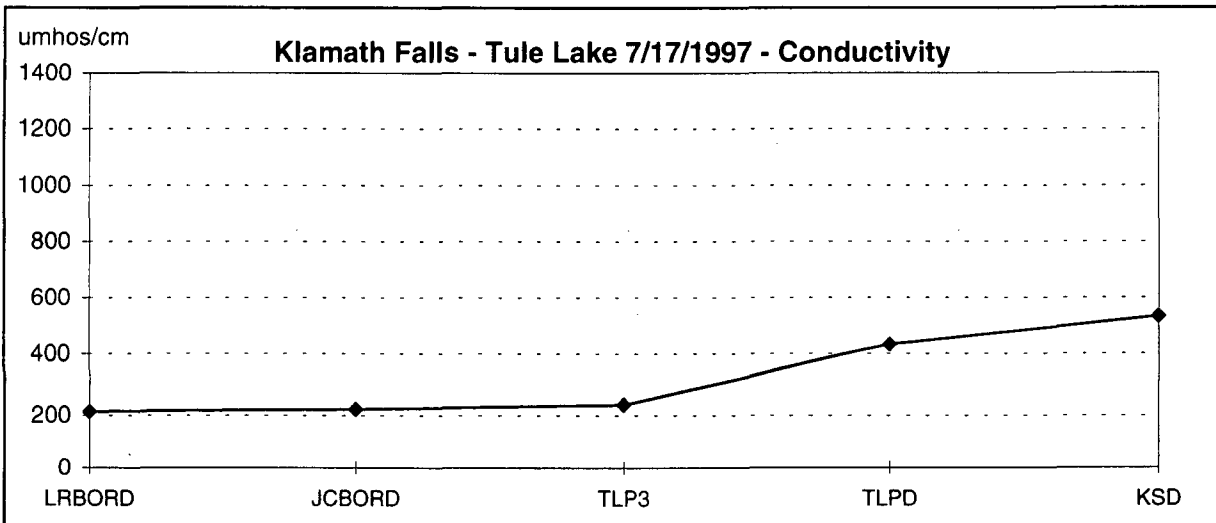
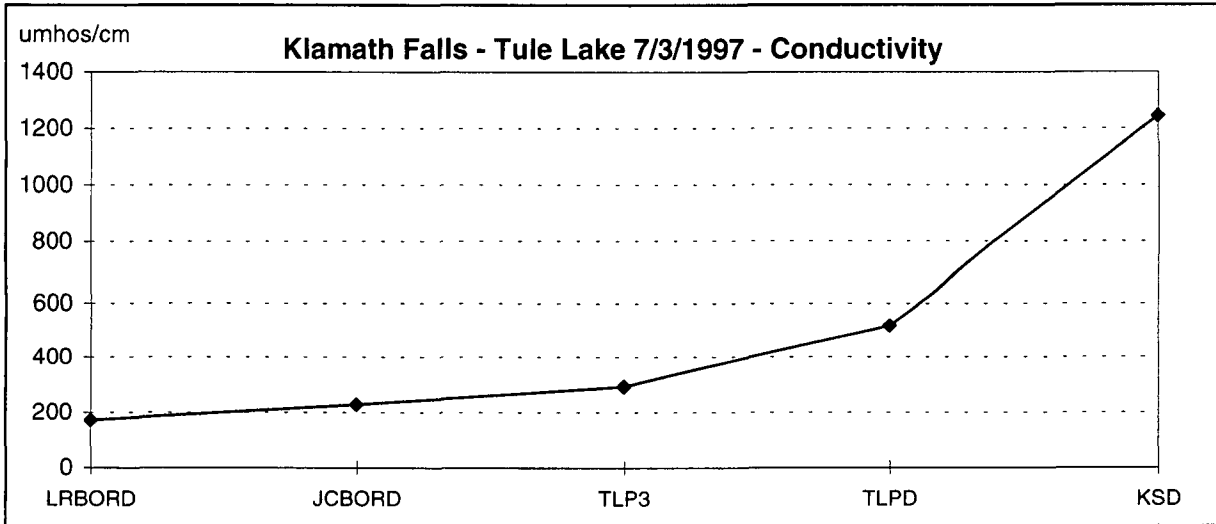


July 13

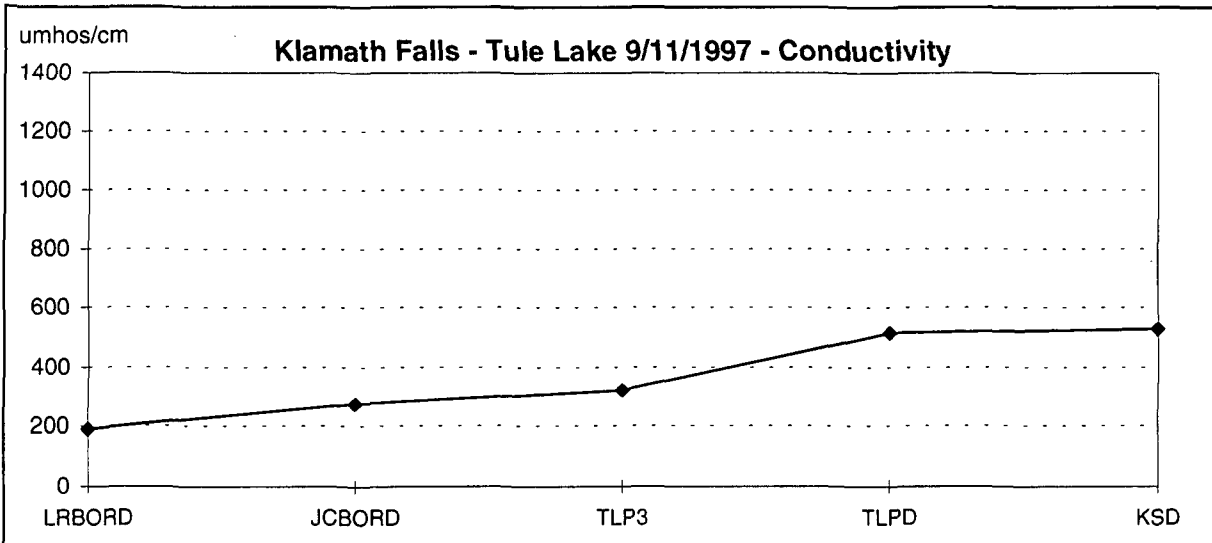
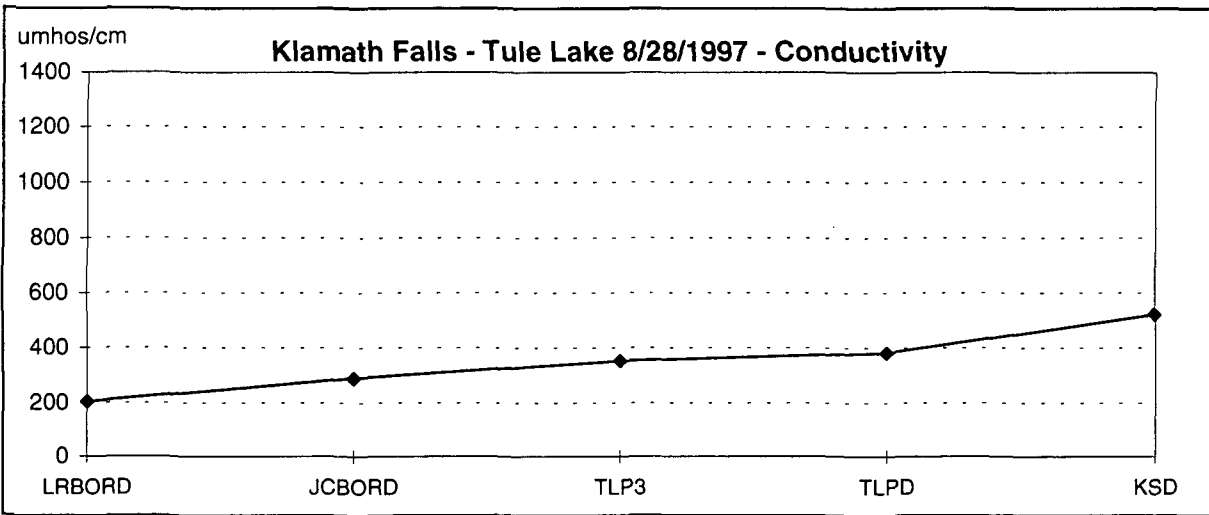
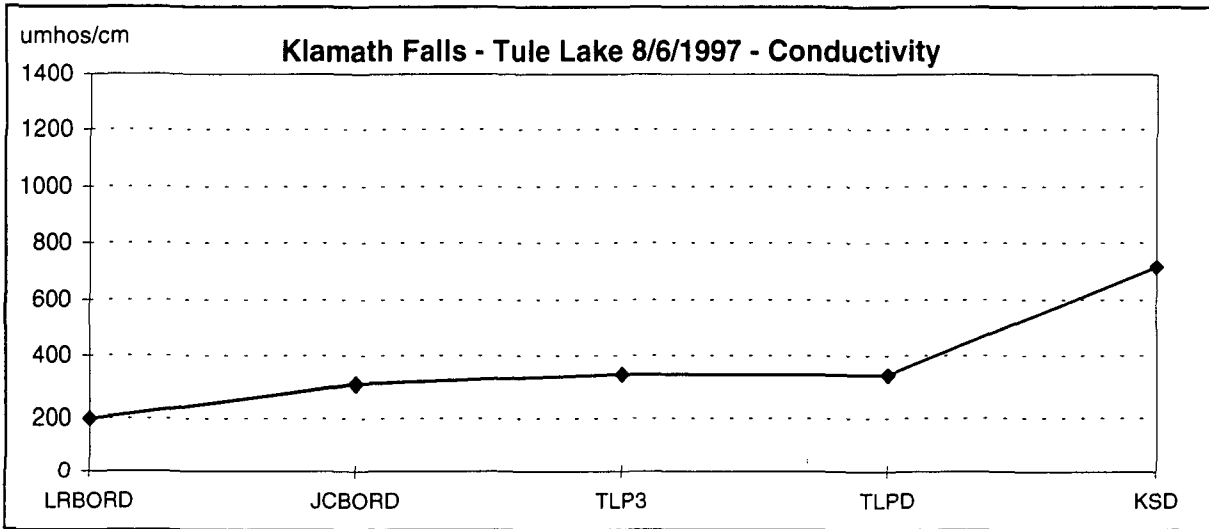
K Falls - Tule Date Cond



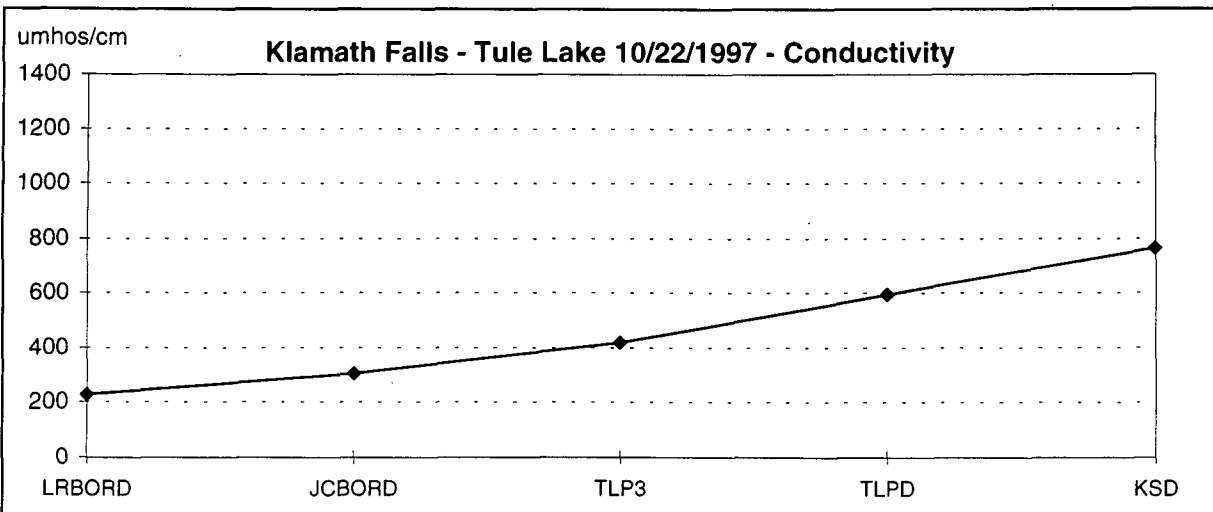
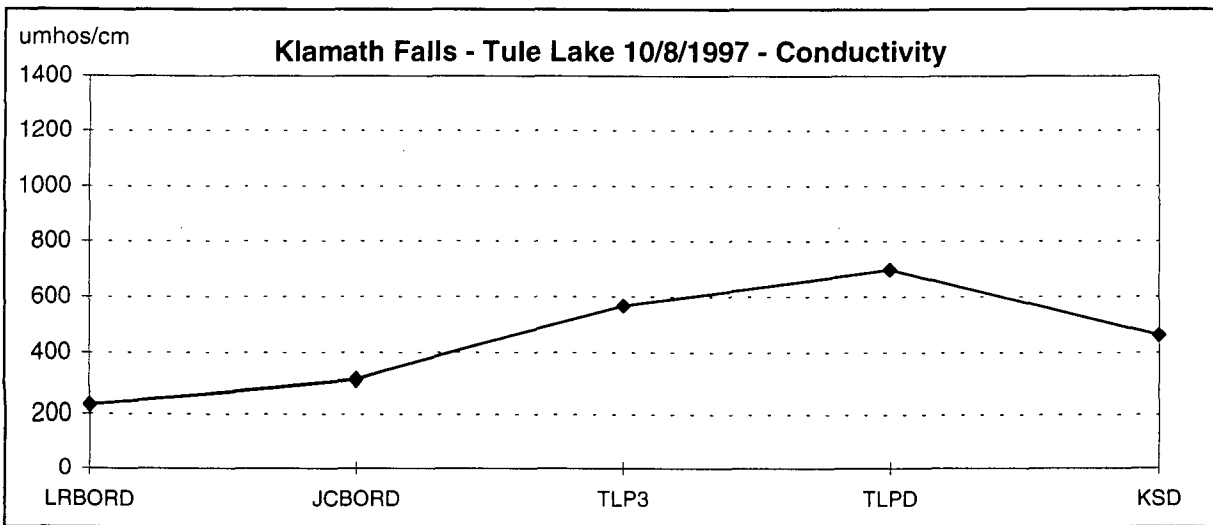
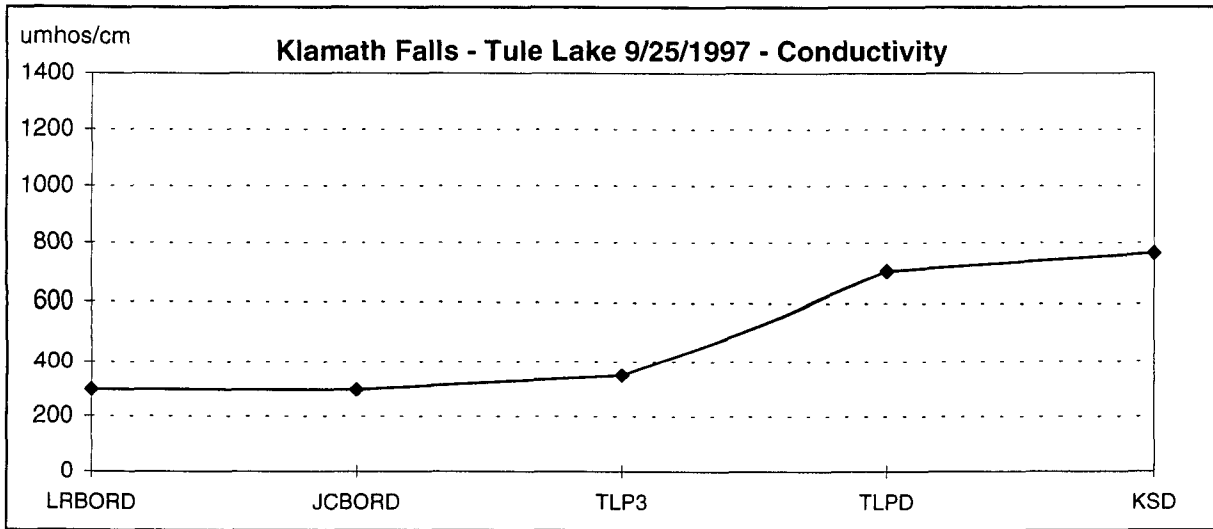
K Falls - Tule Date Cond



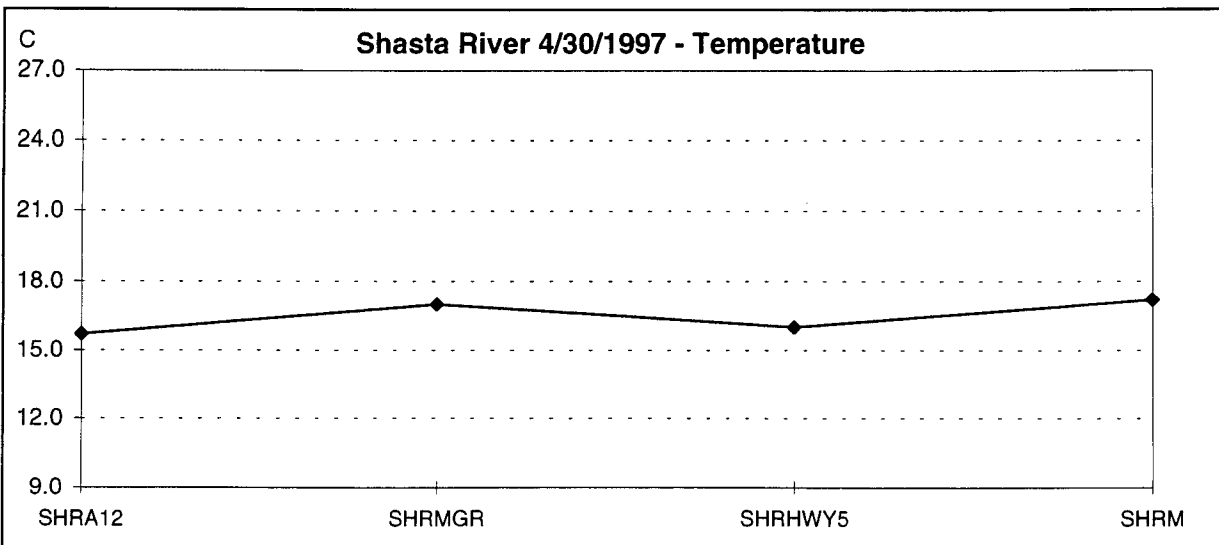
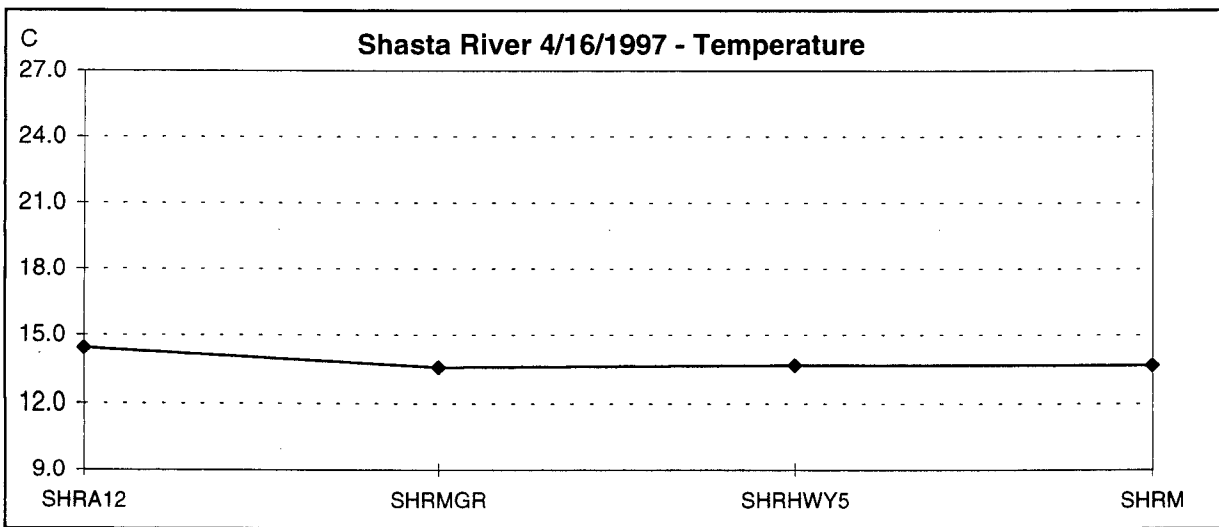
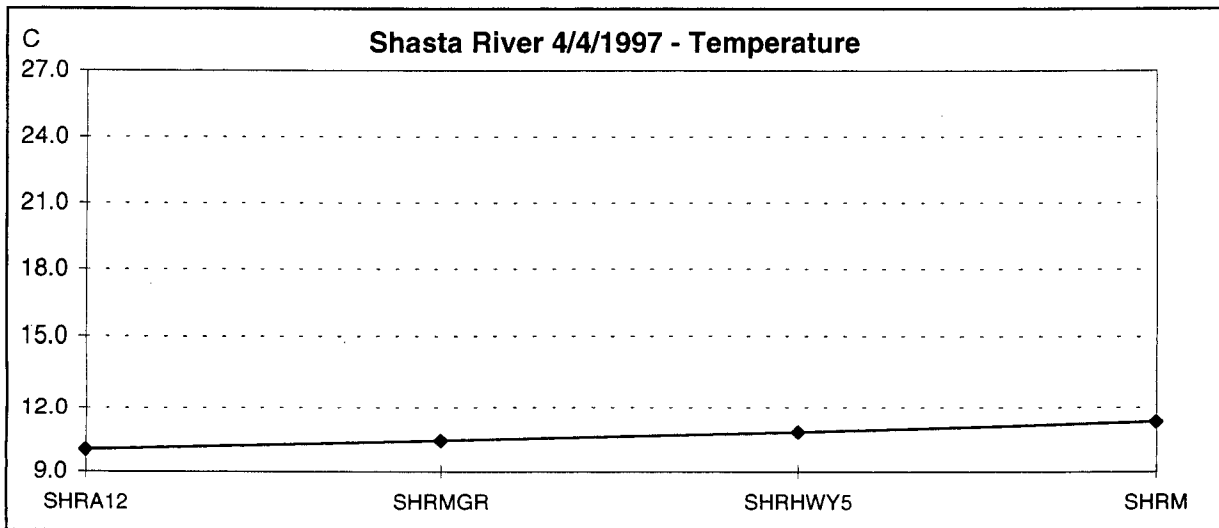
K Falls - Tule Date Cond



K Falls - Tule Date Cond

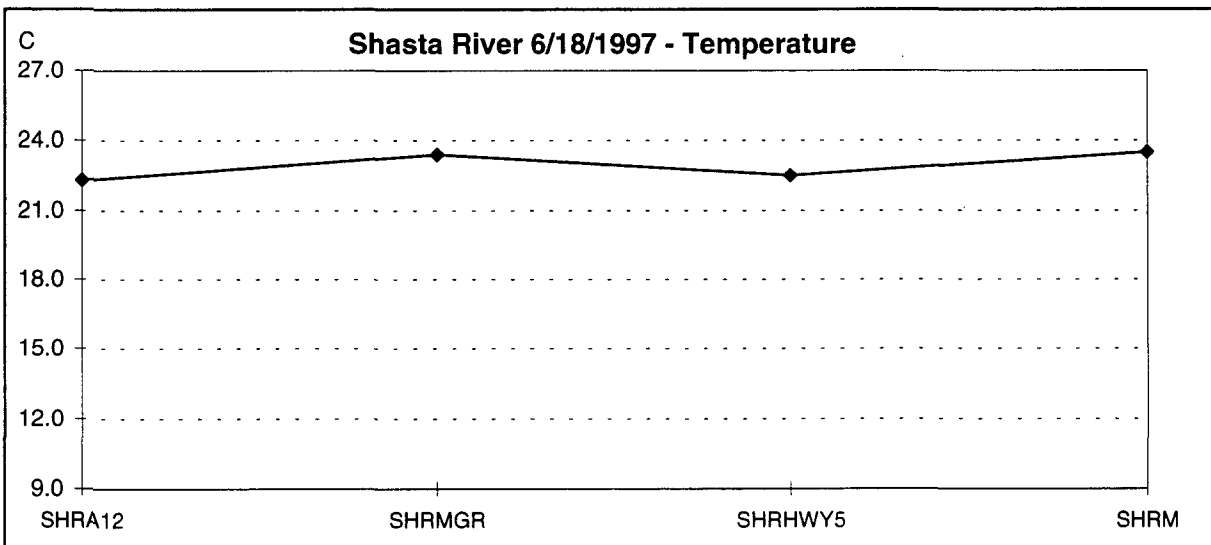
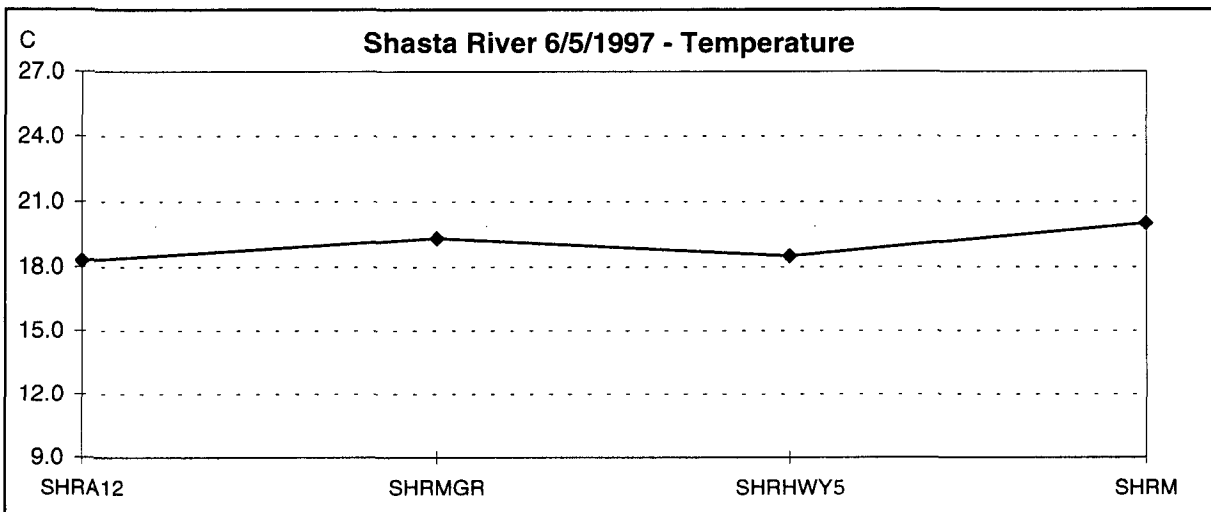
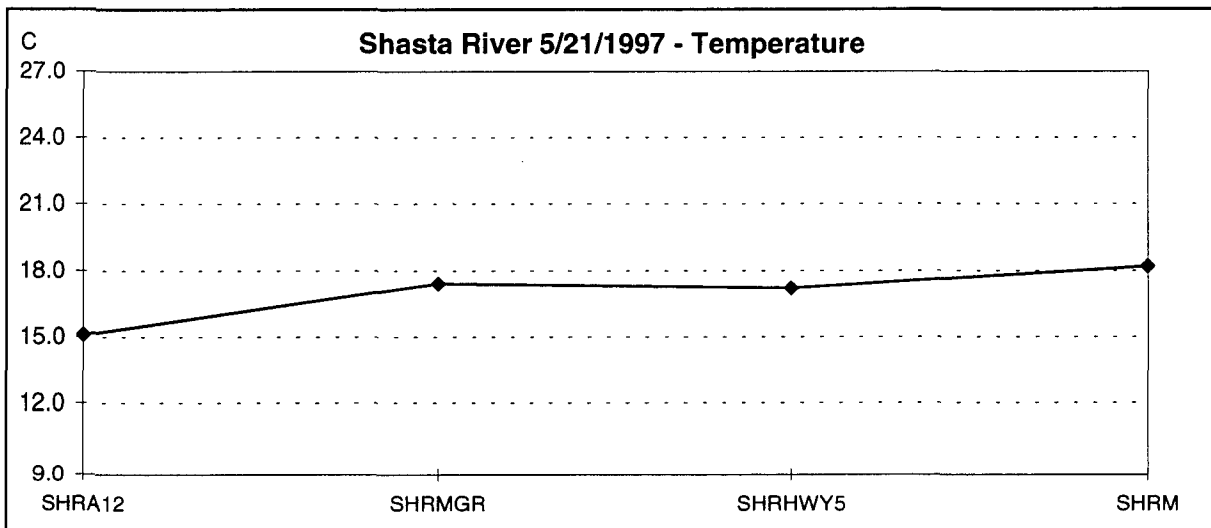


Shasta Date Temps

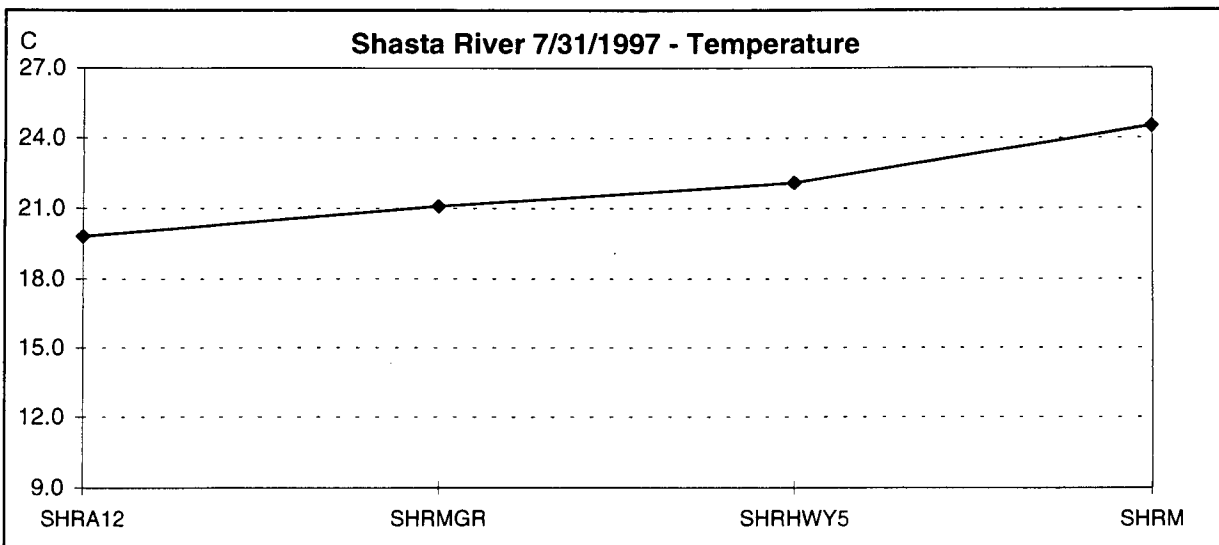
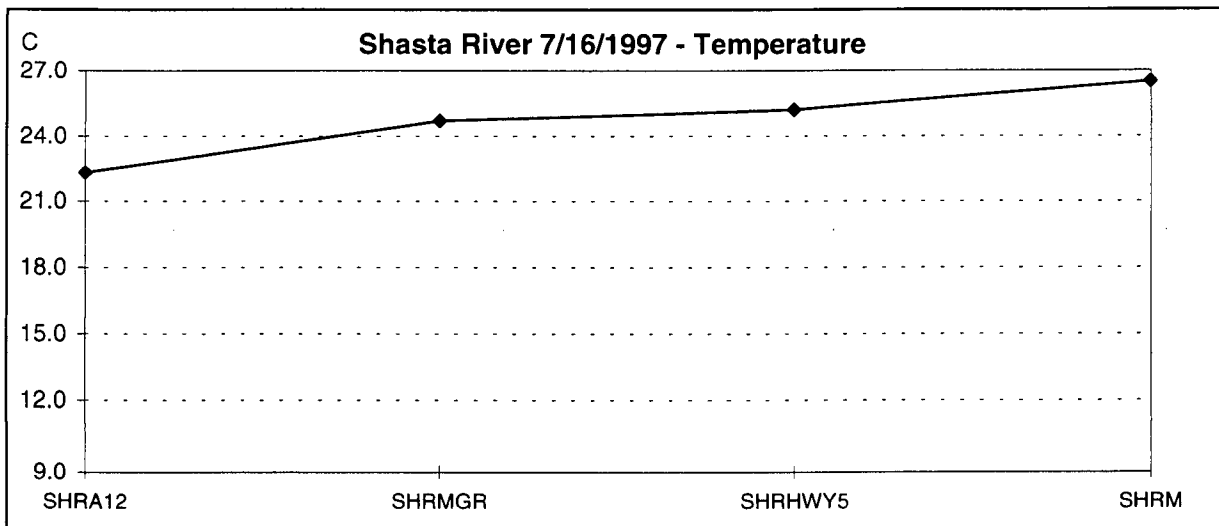
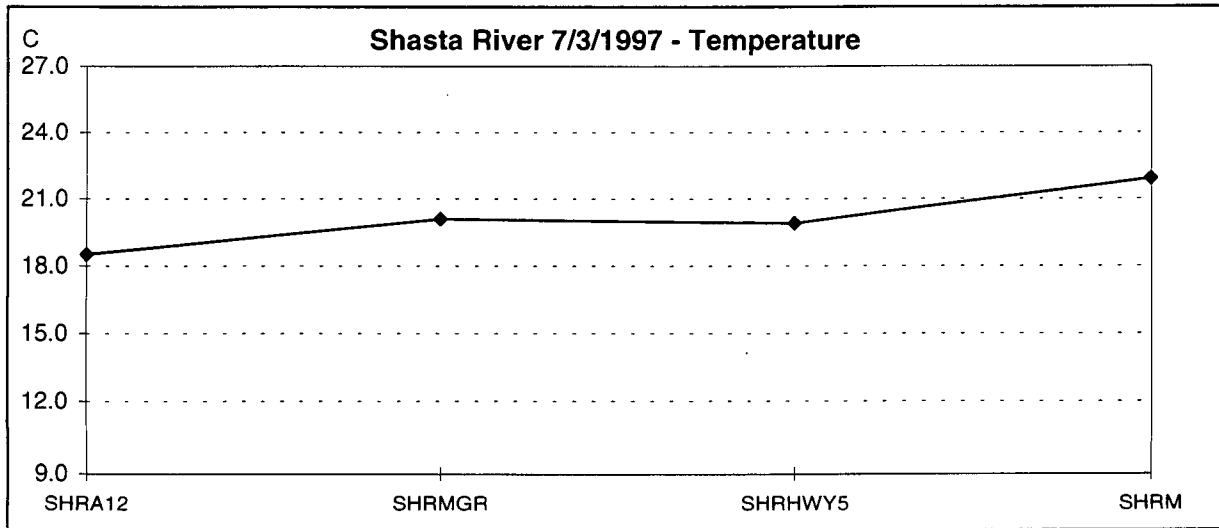


Feb 14

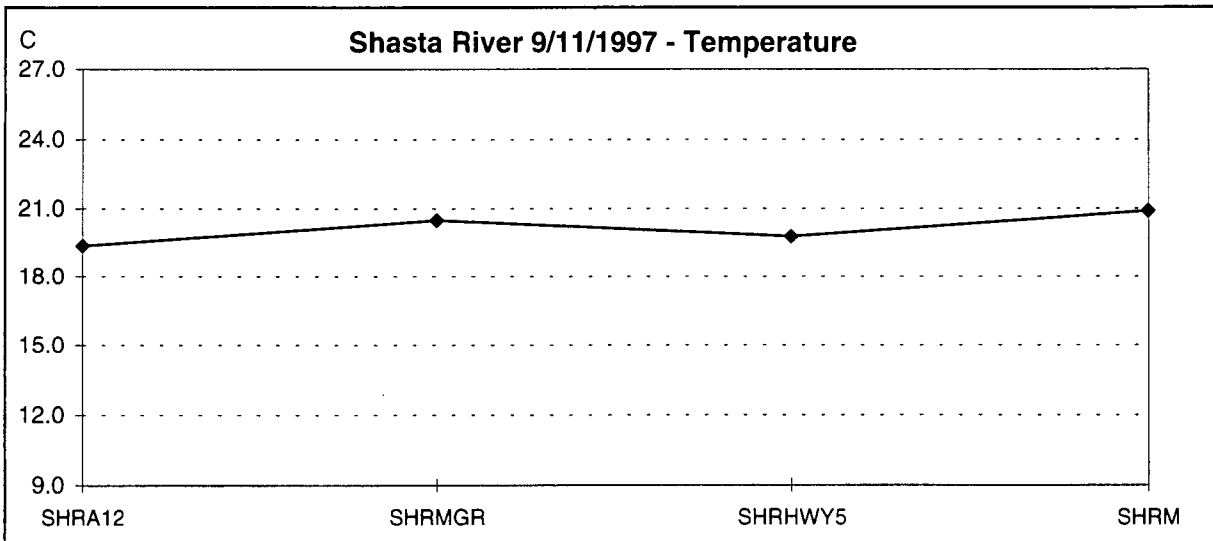
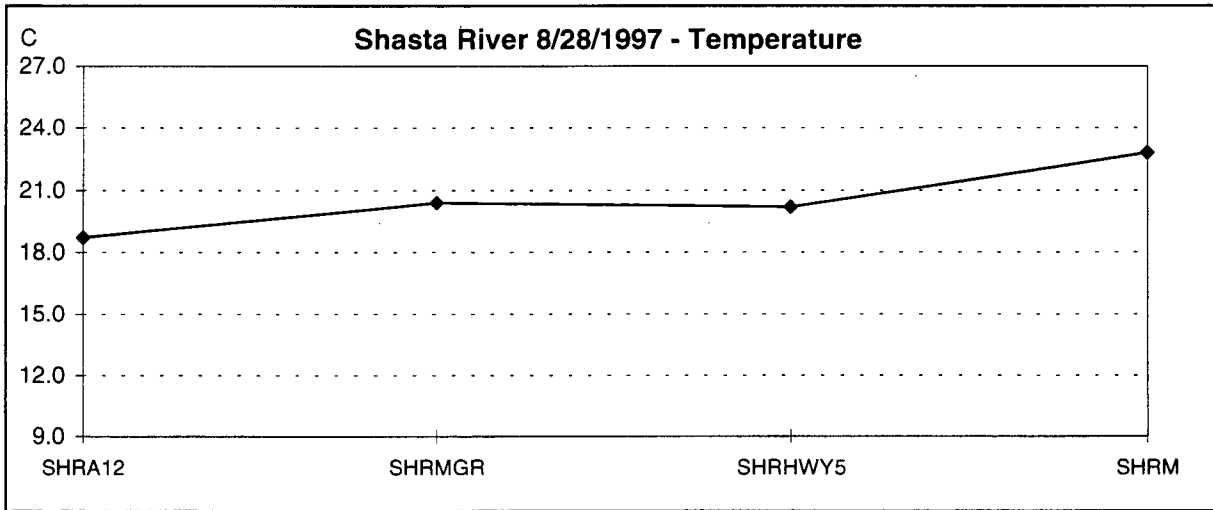
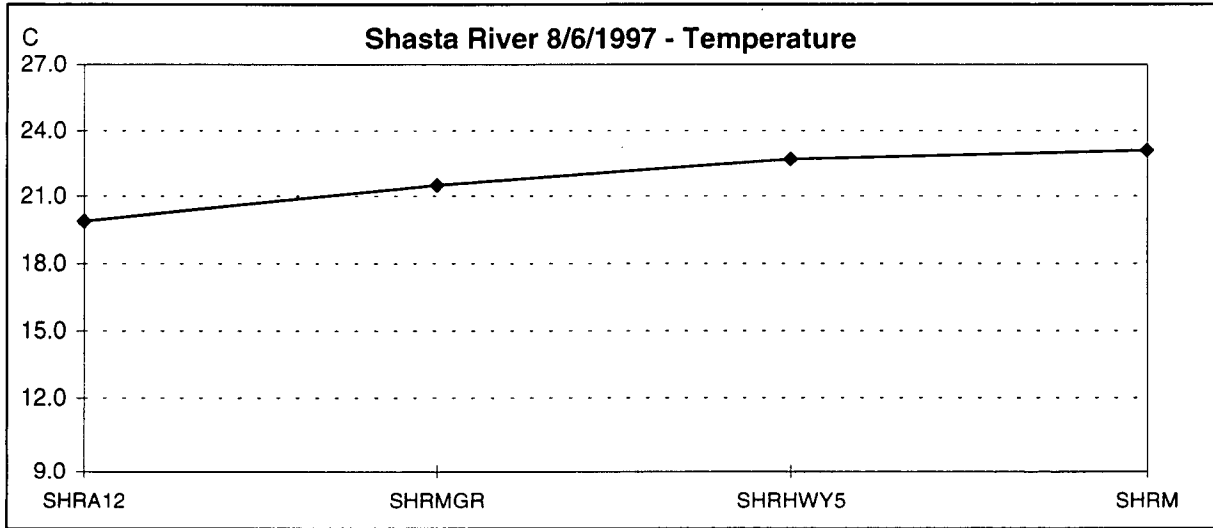
Shasta Date Temps



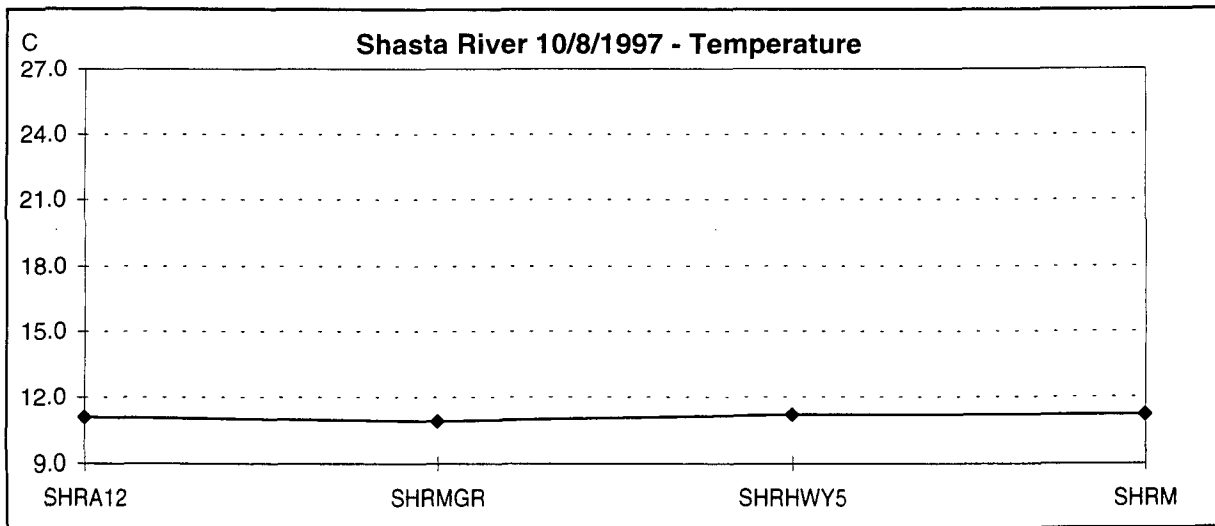
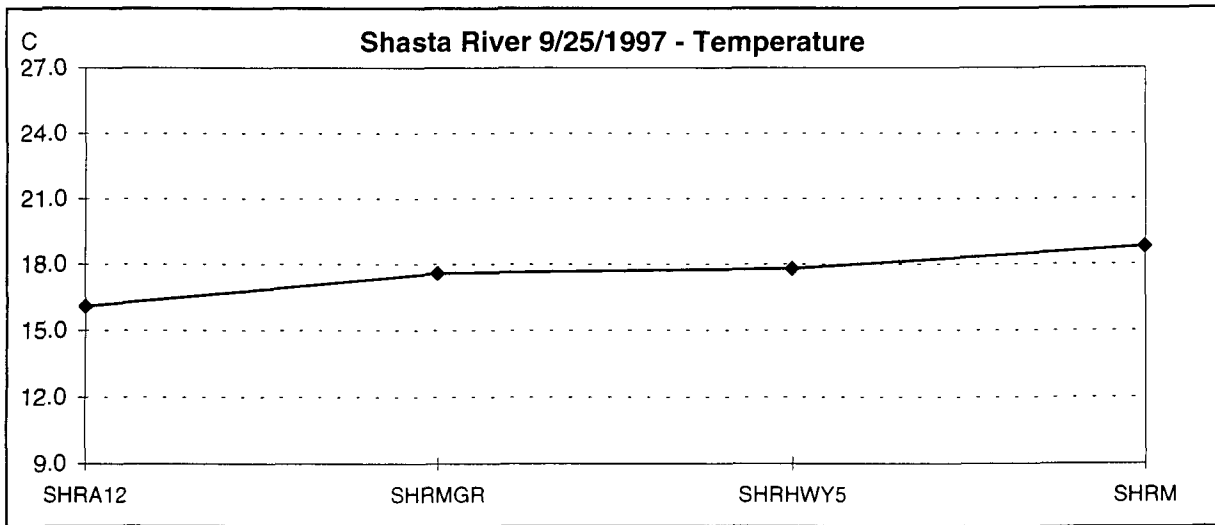
Shasta Date Temps



Shasta Date Temps



Shasta Date Temps



Shasta Date DOs

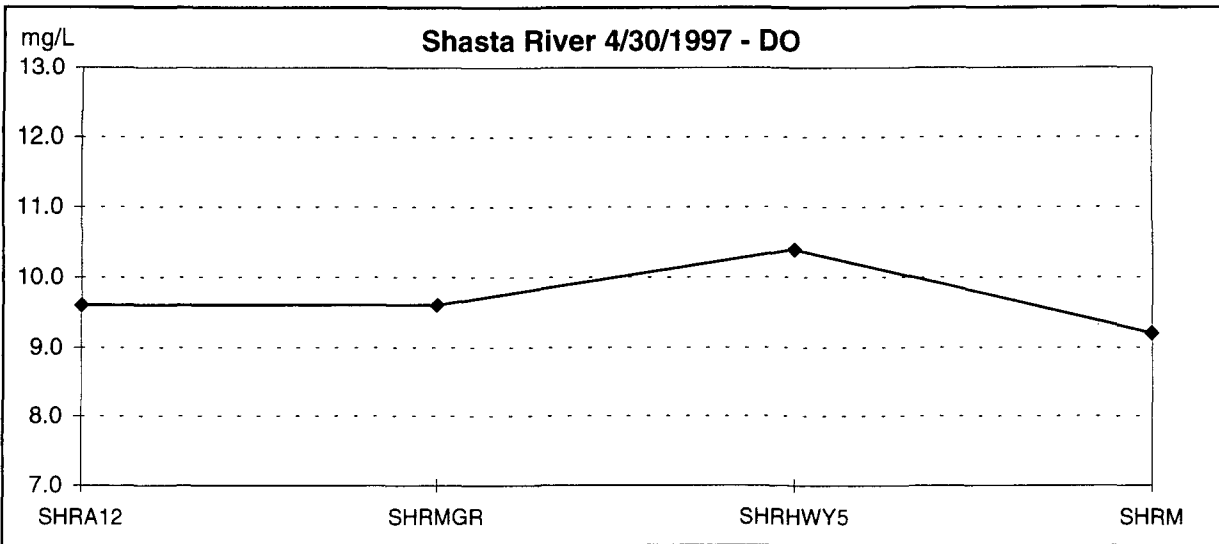
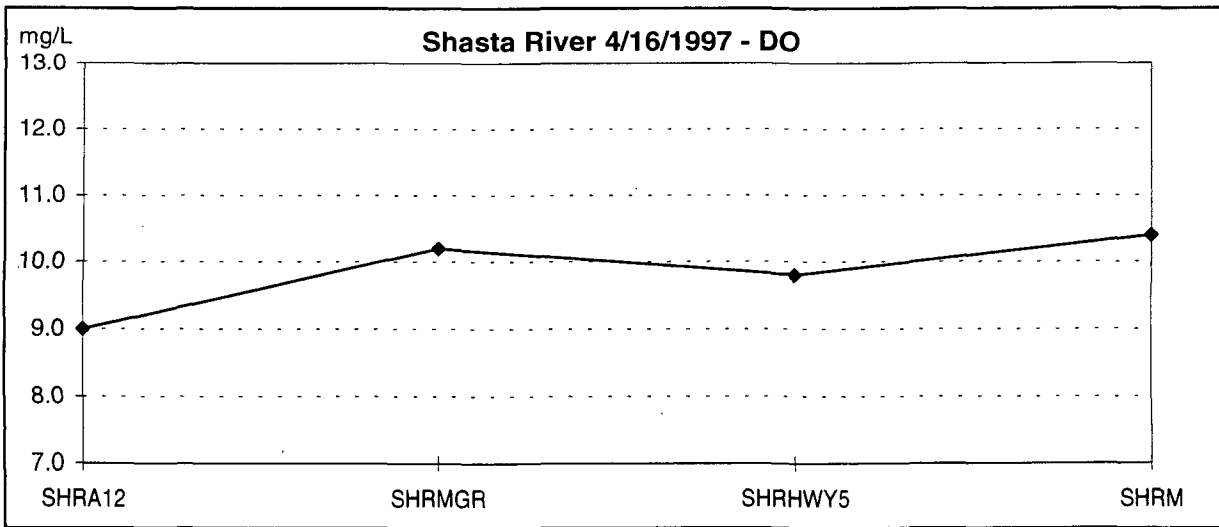
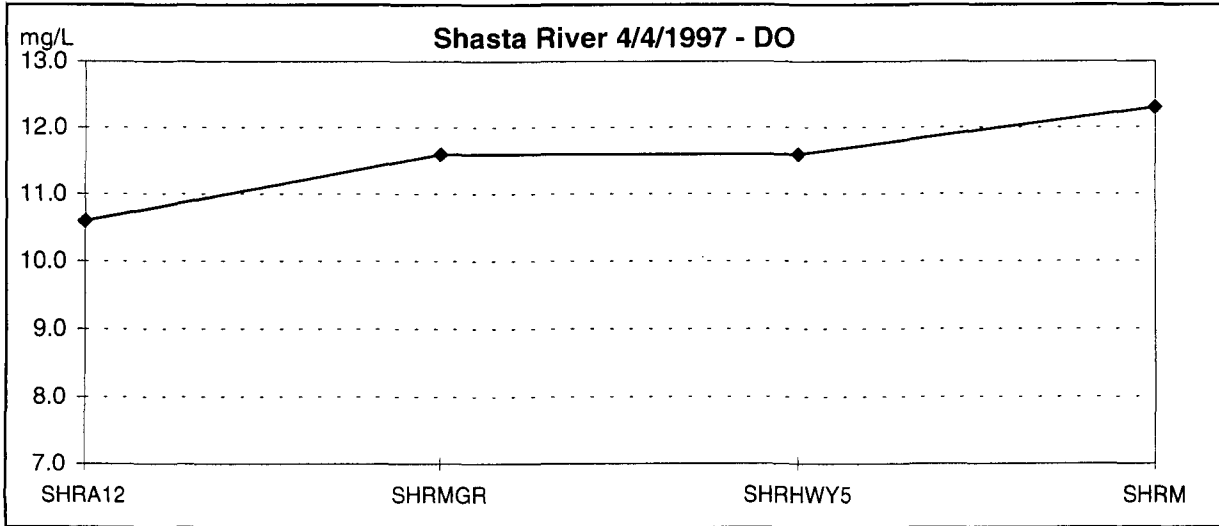
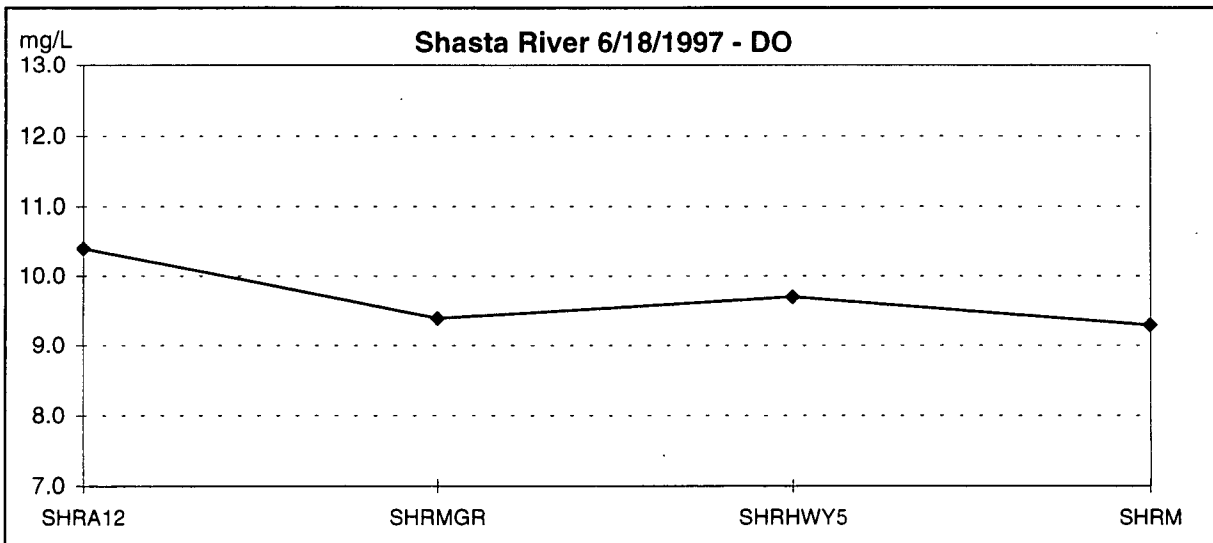
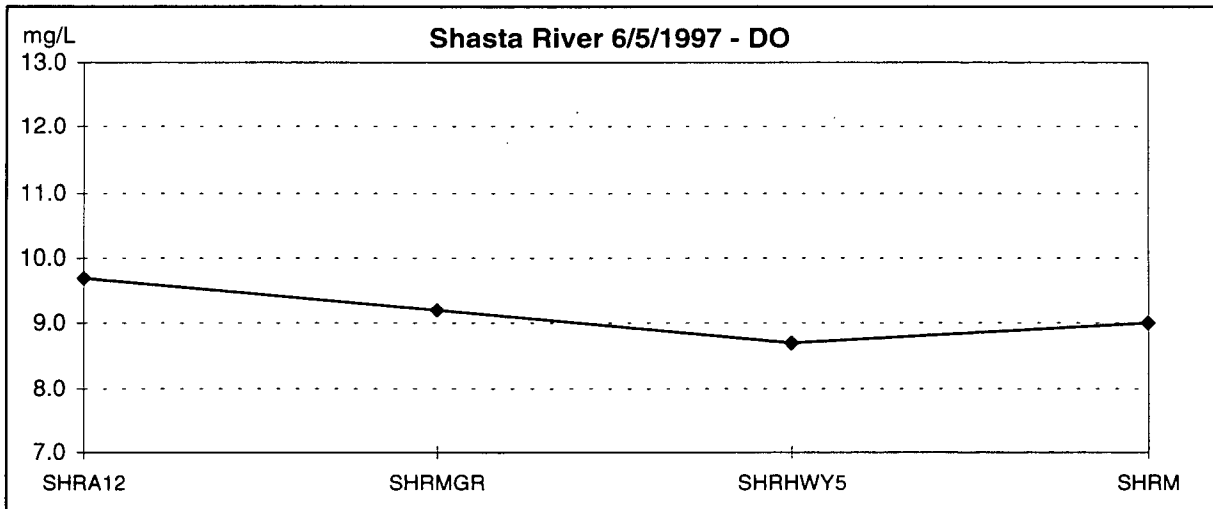
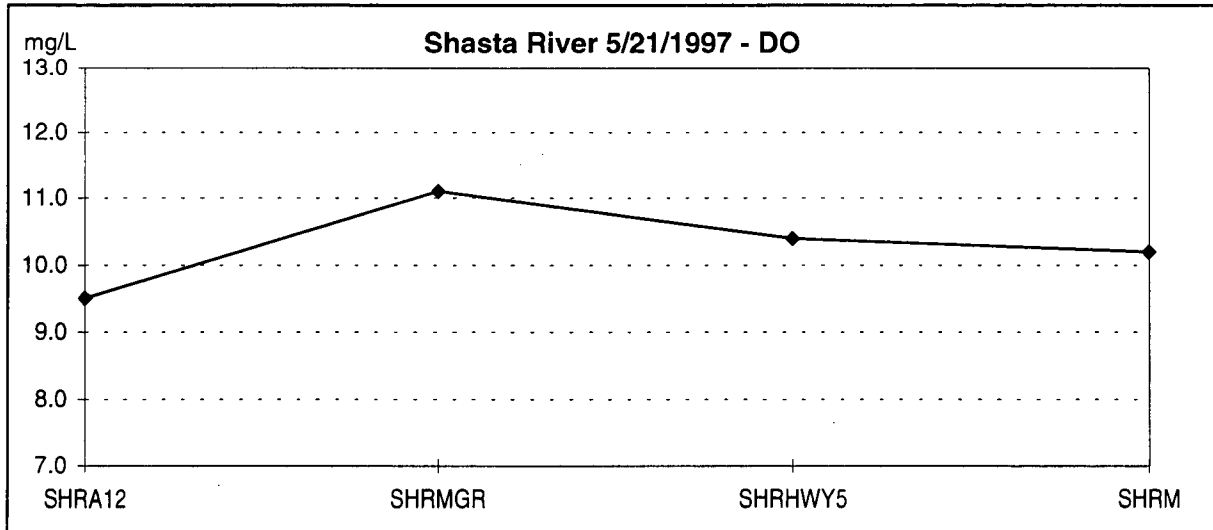
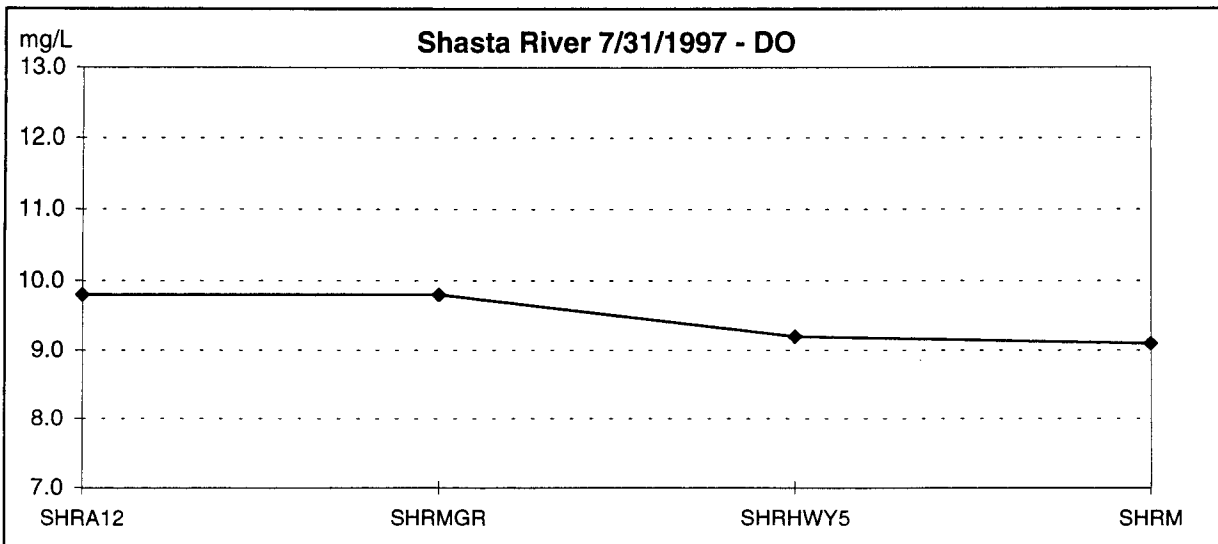
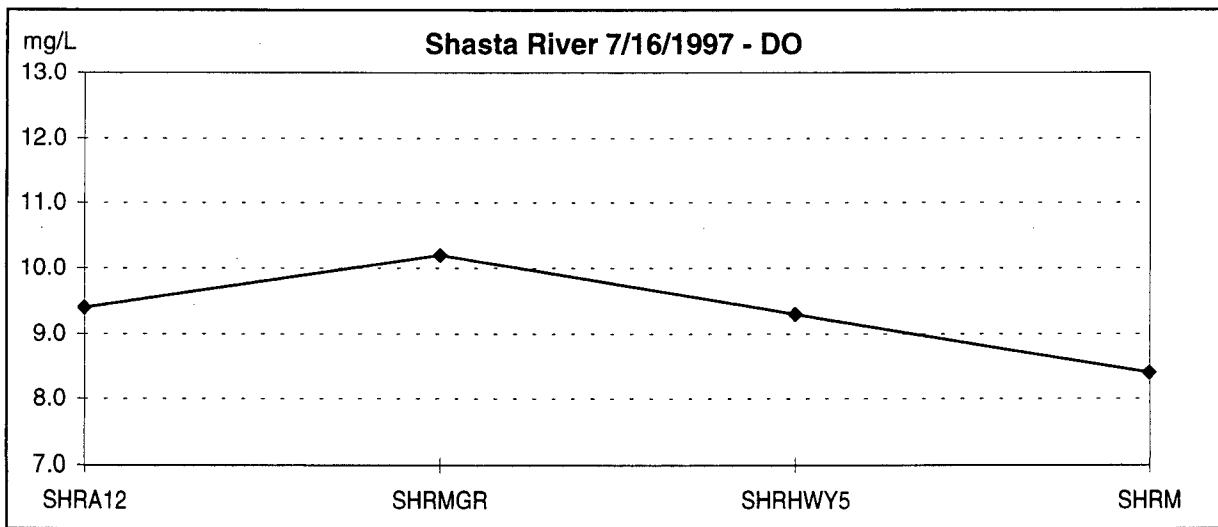
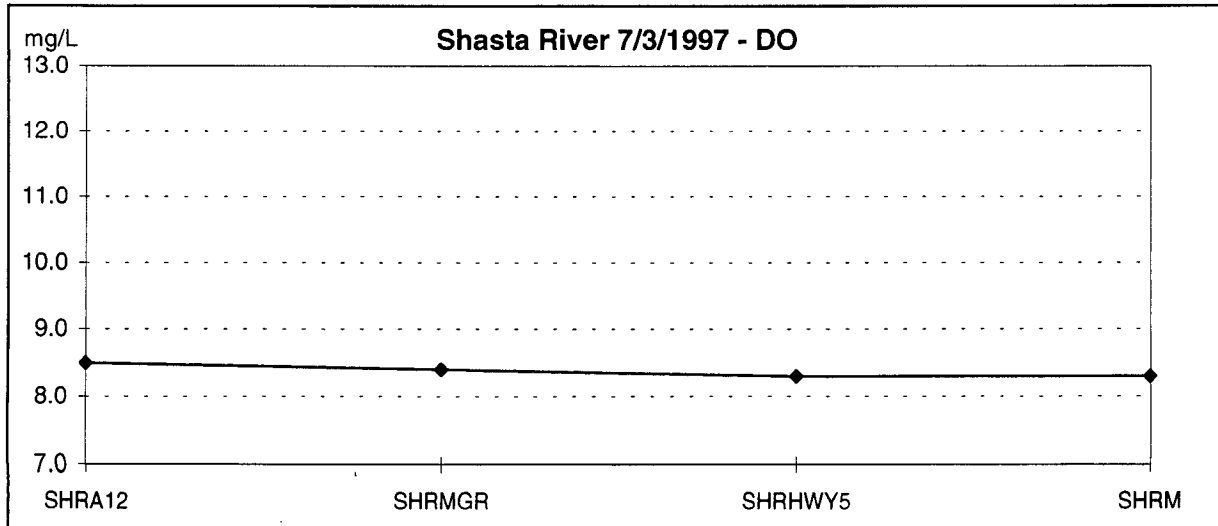


Table 15

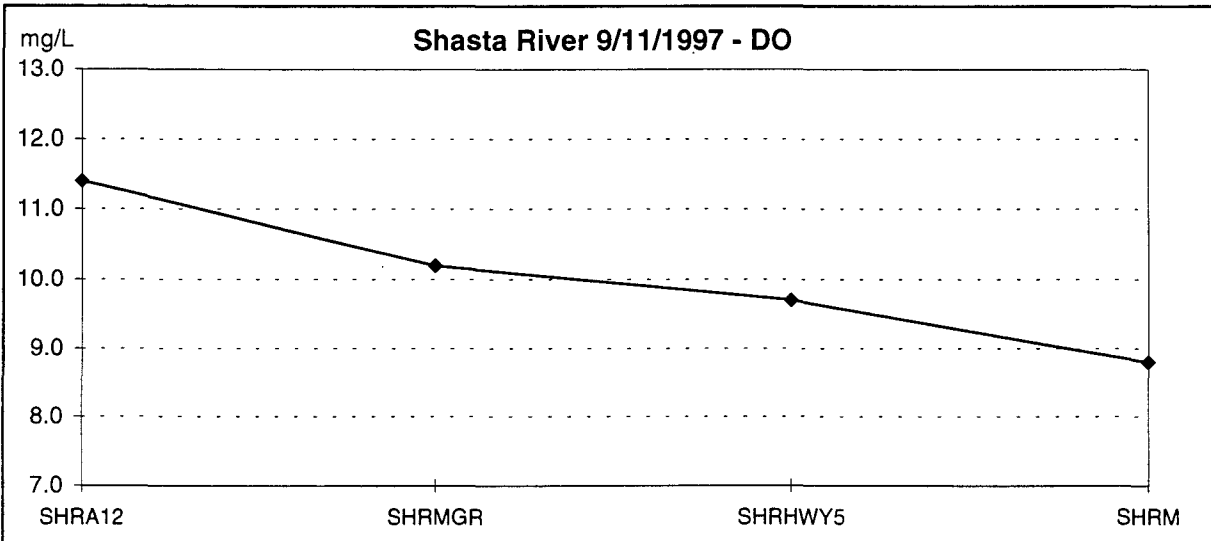
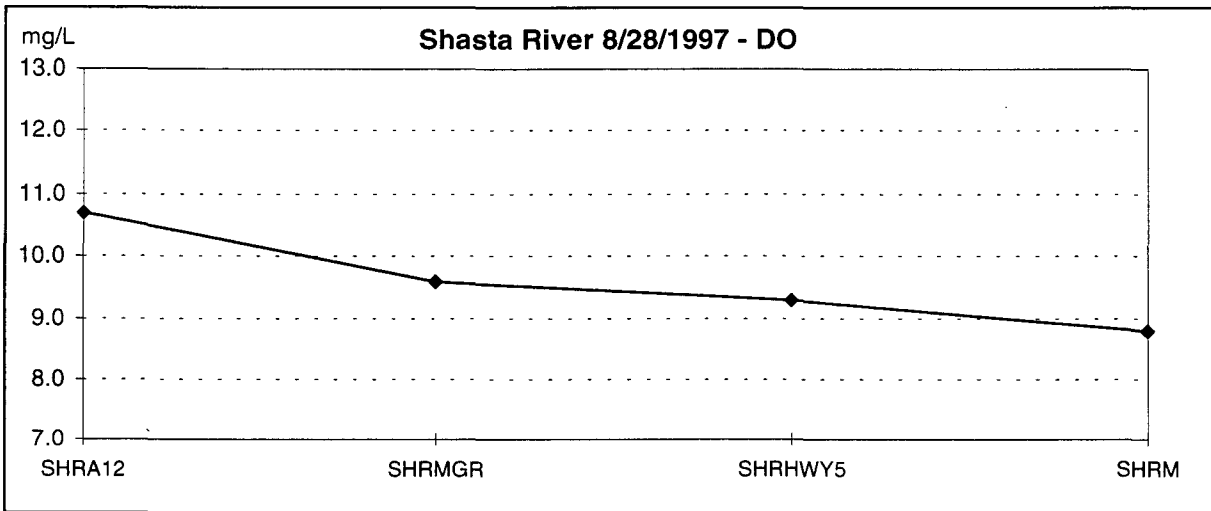
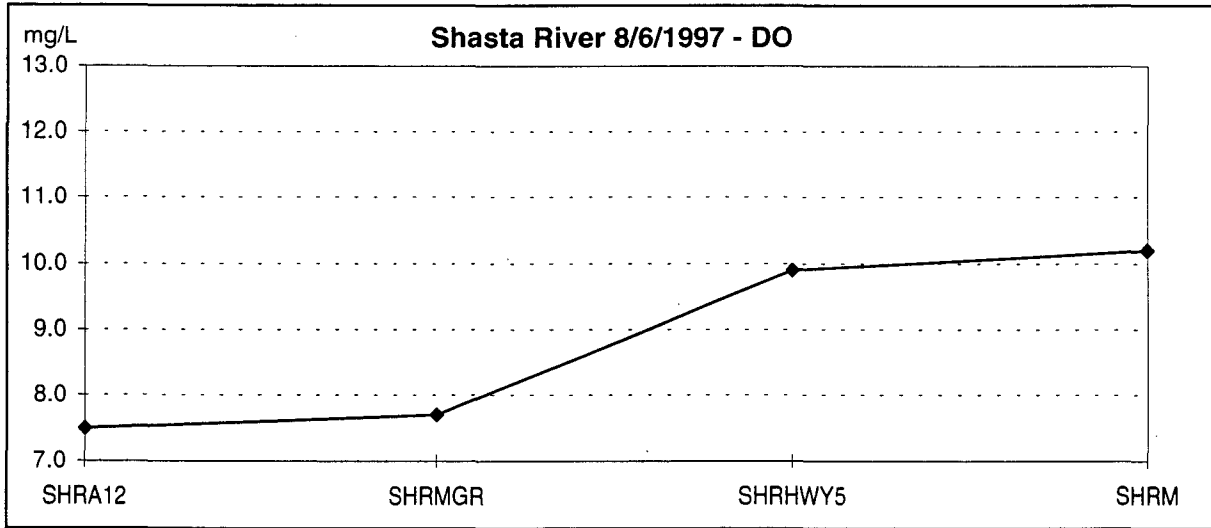
Shasta Date DOs



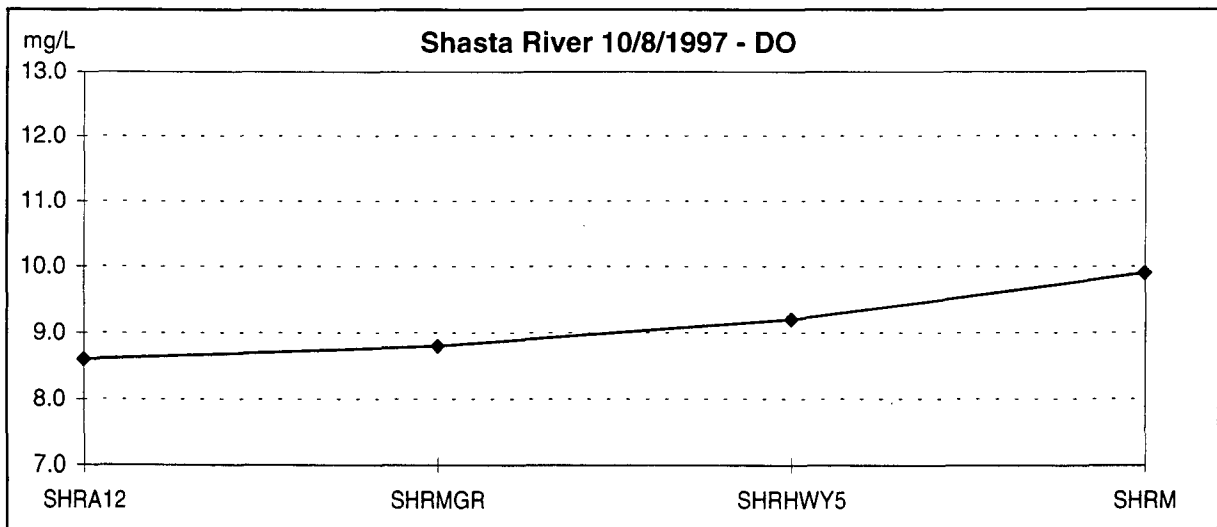
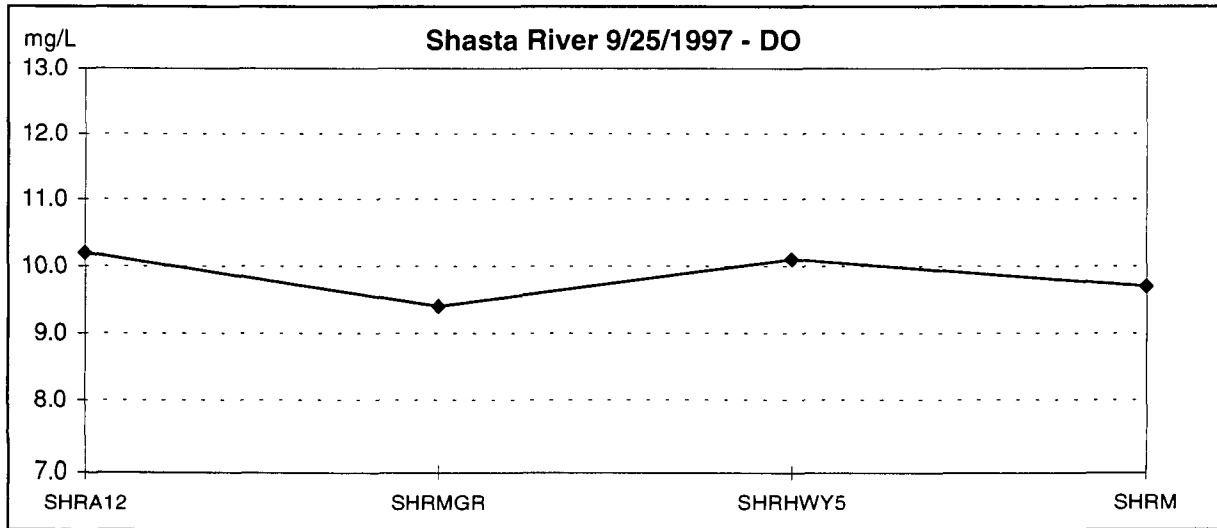
Shasta Date DOs



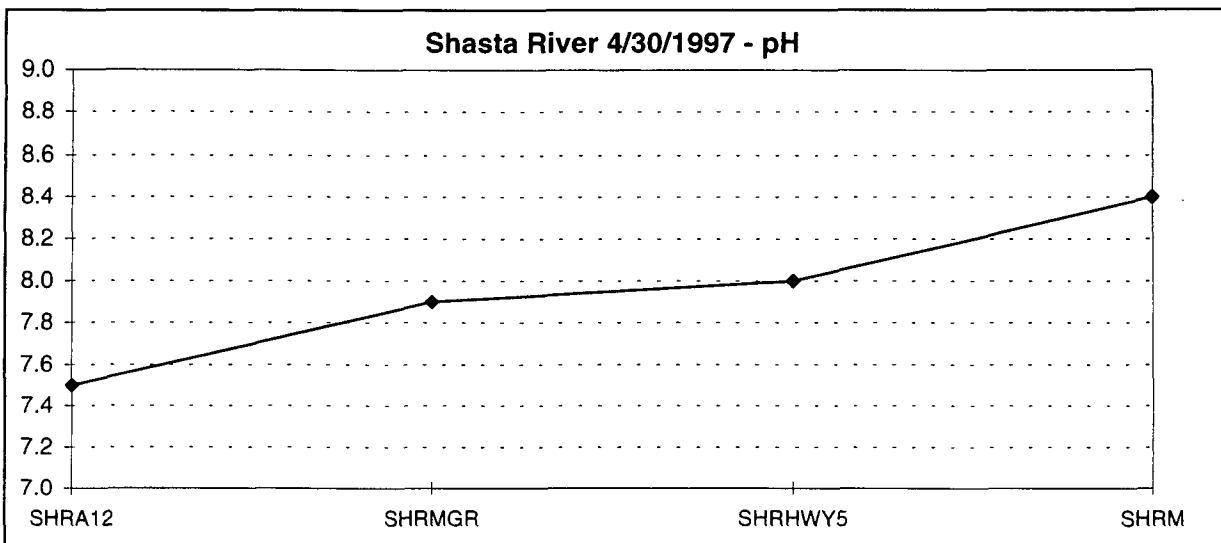
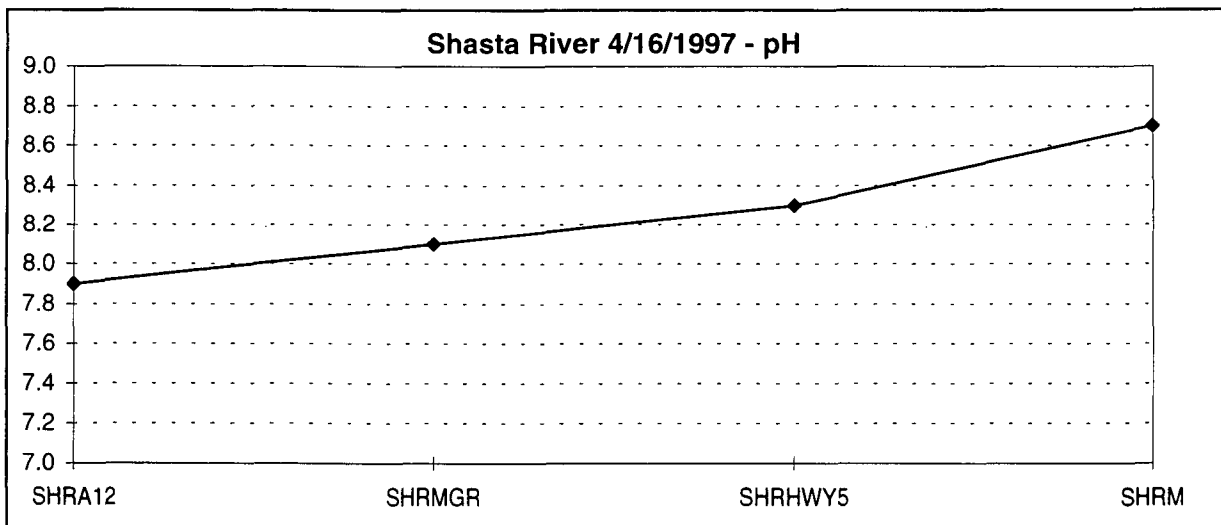
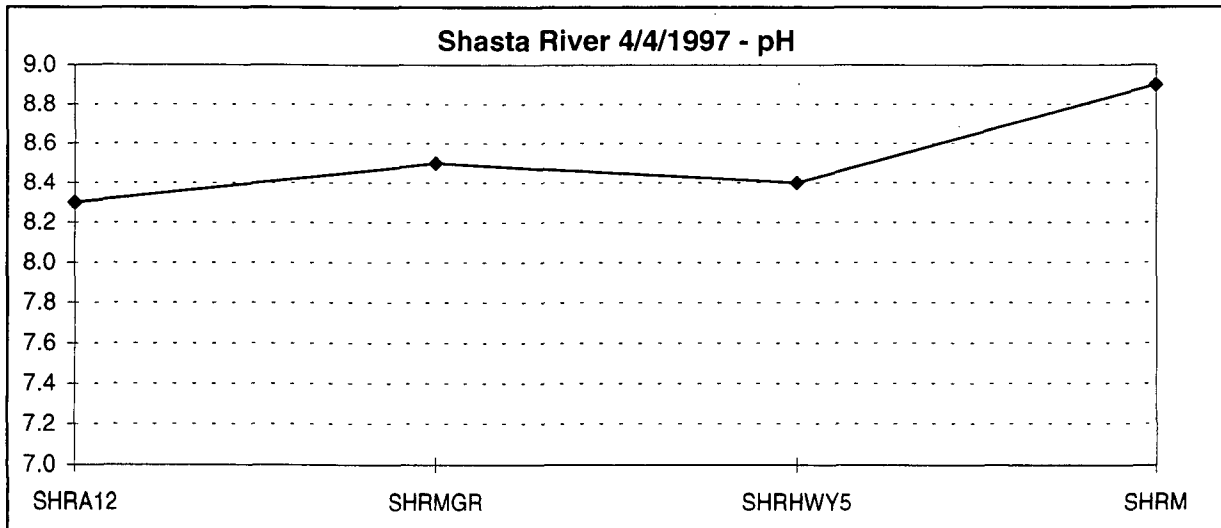
Shasta Date DOs



Shasta Date DOs

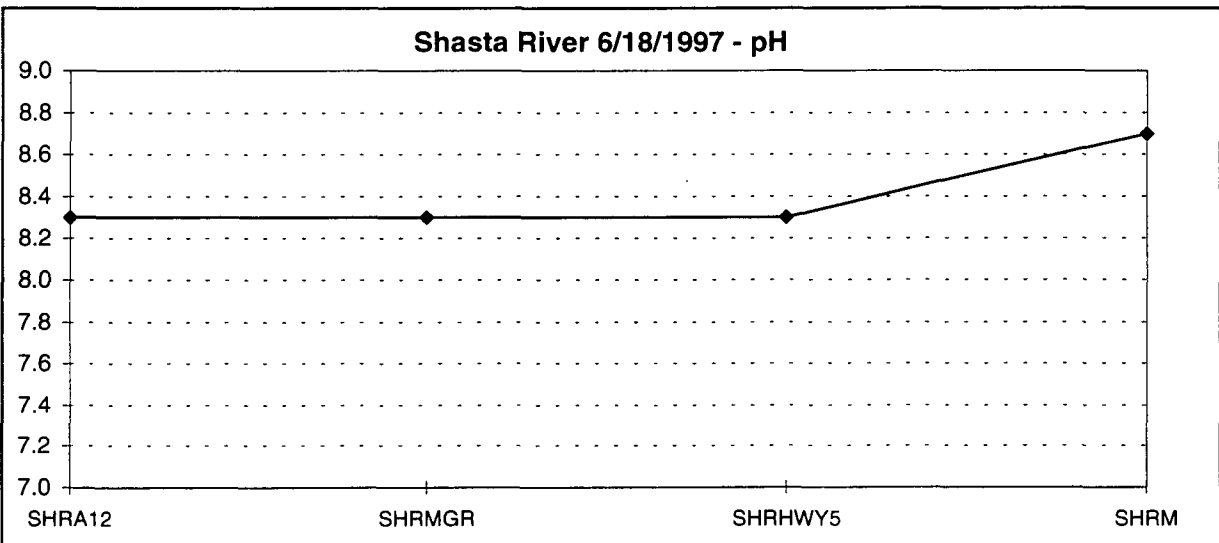
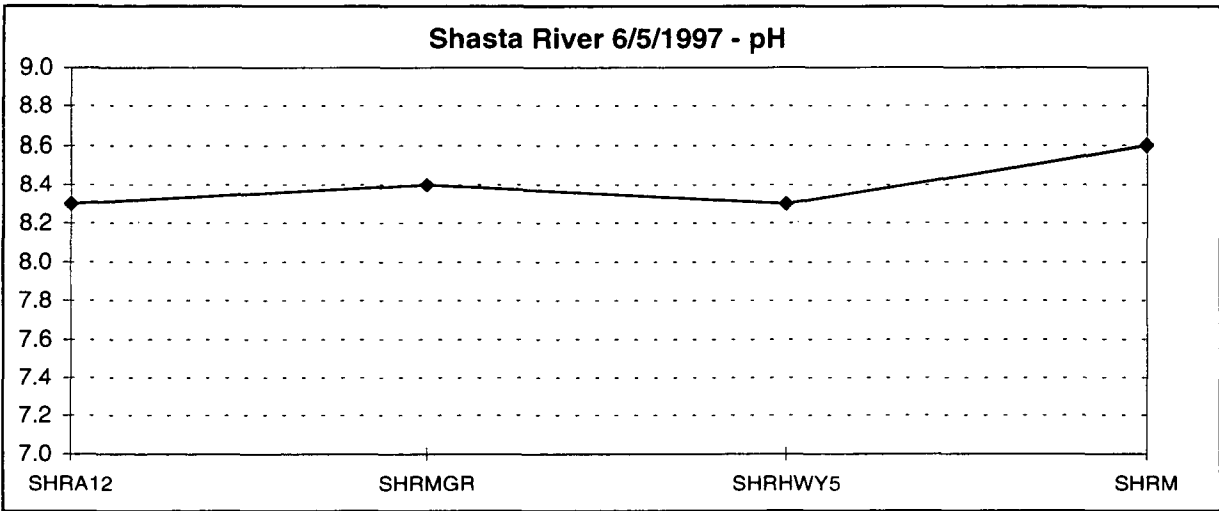
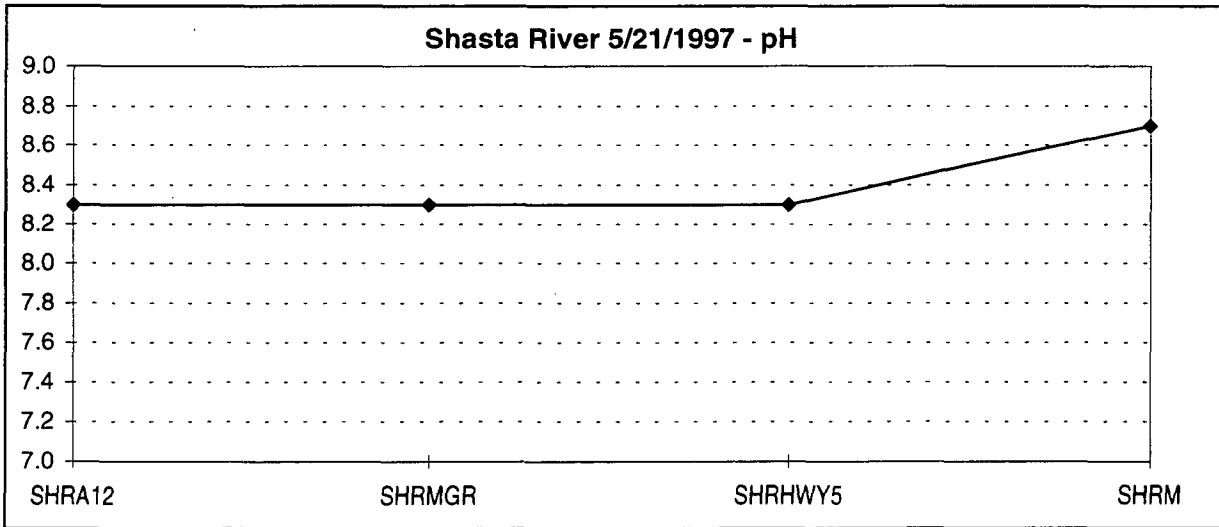


Shasta Date pHs

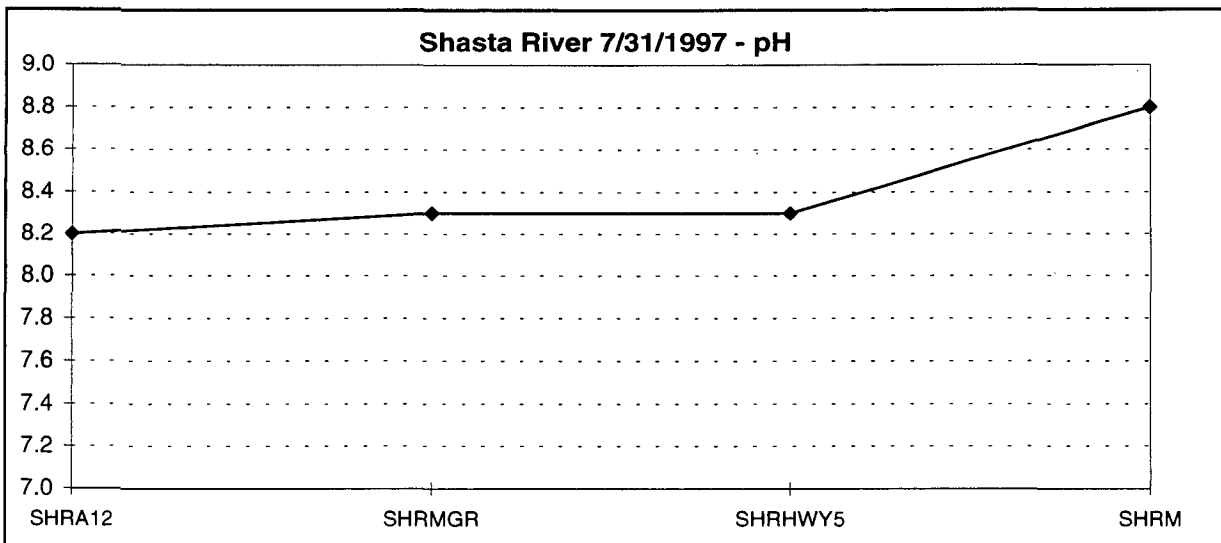
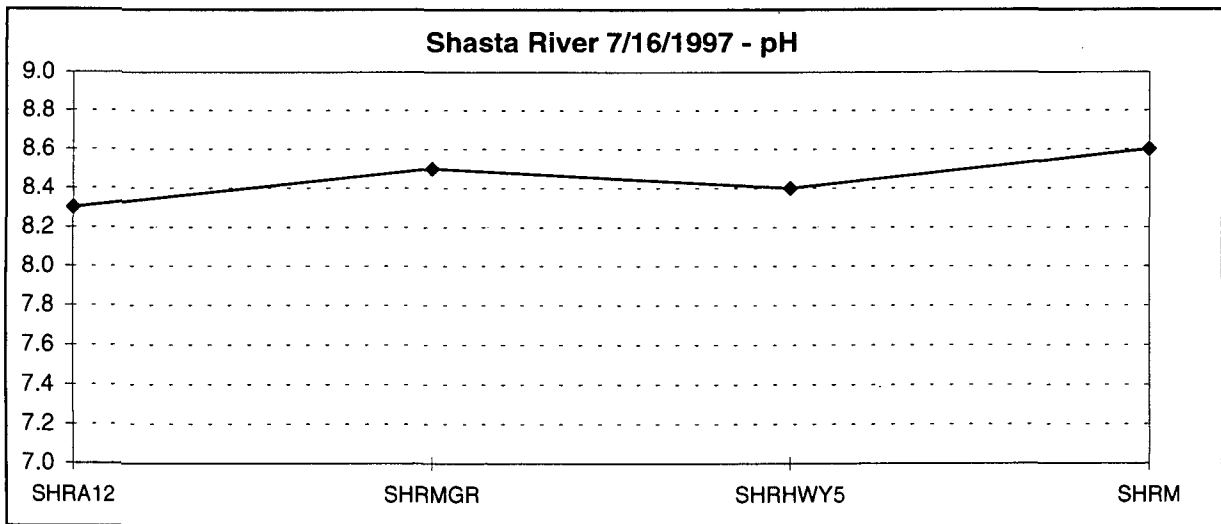
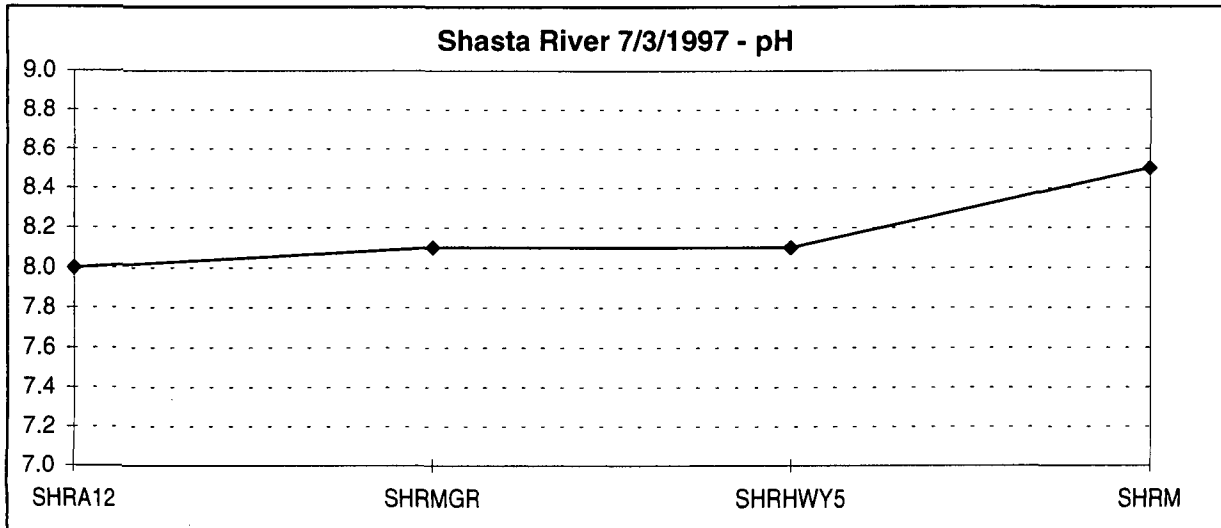


Tab 16

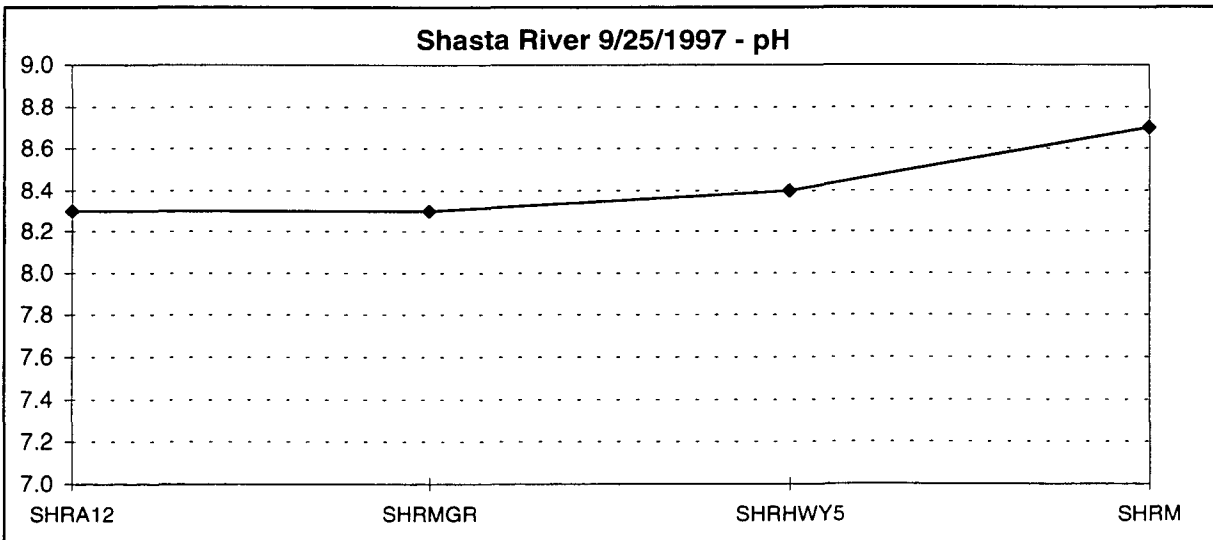
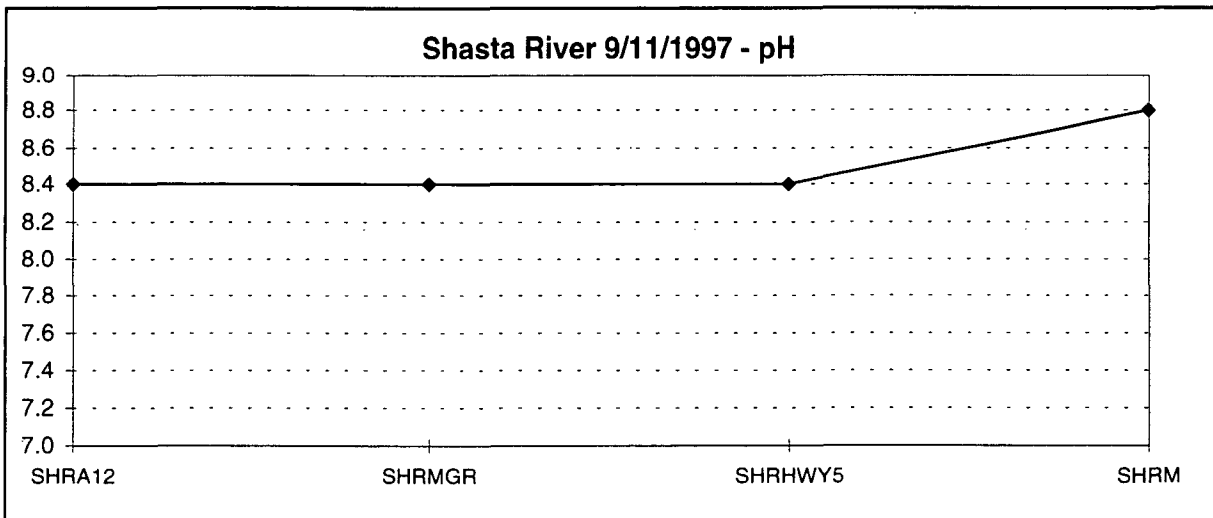
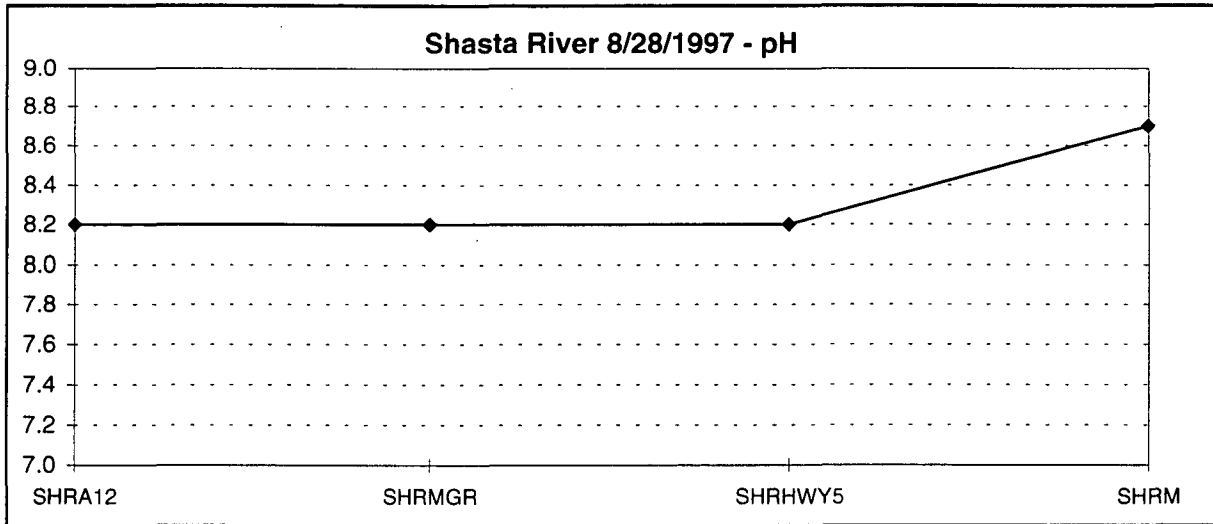
Shasta Date pHs



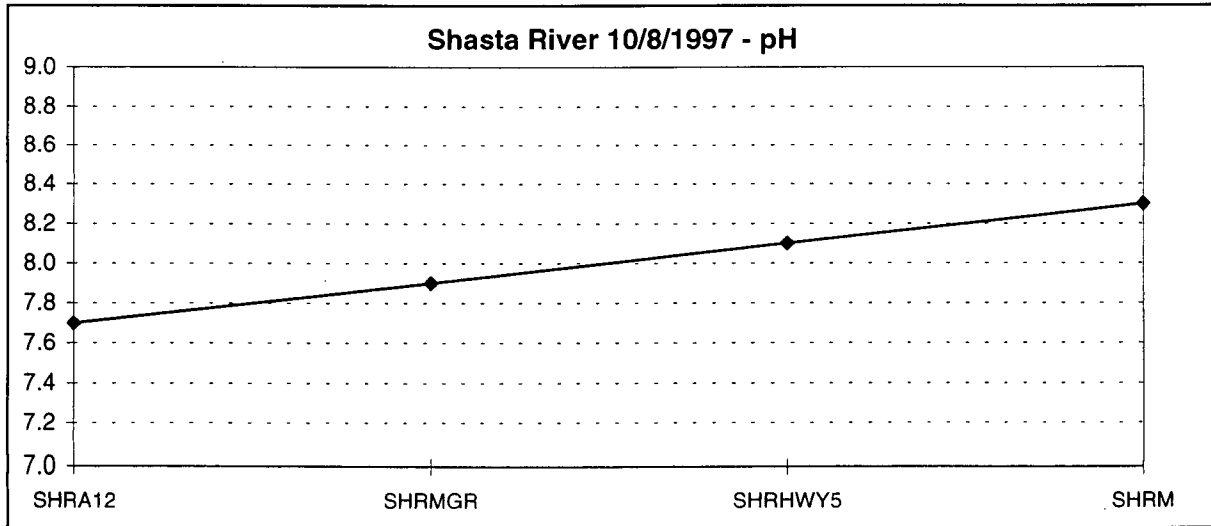
Shasta Date pHs



Shasta Date pHs



Shasta Date pHs



Shasta Date Cond

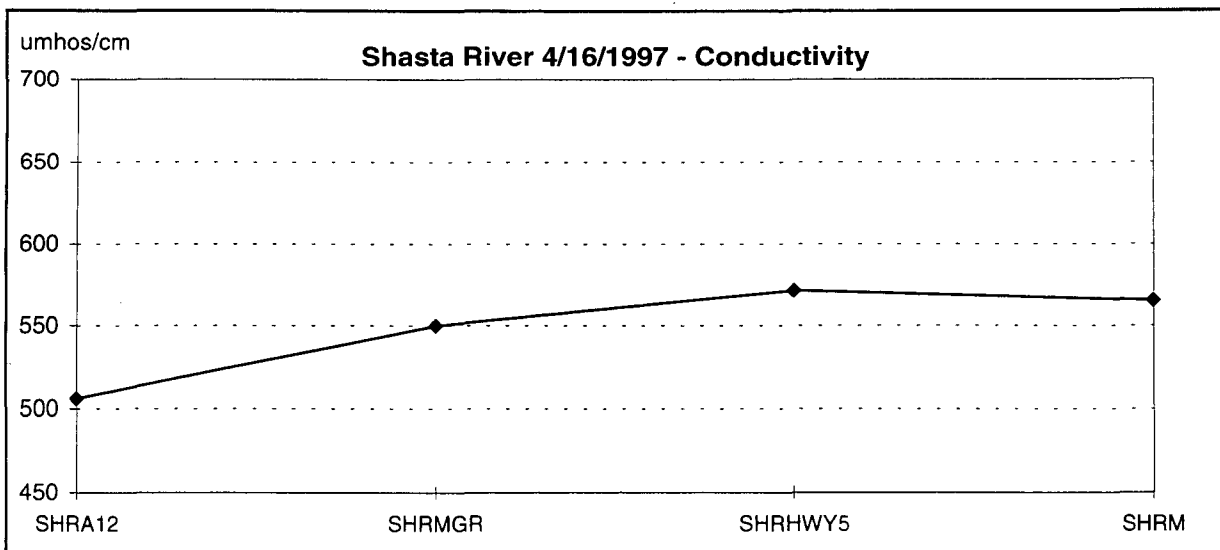
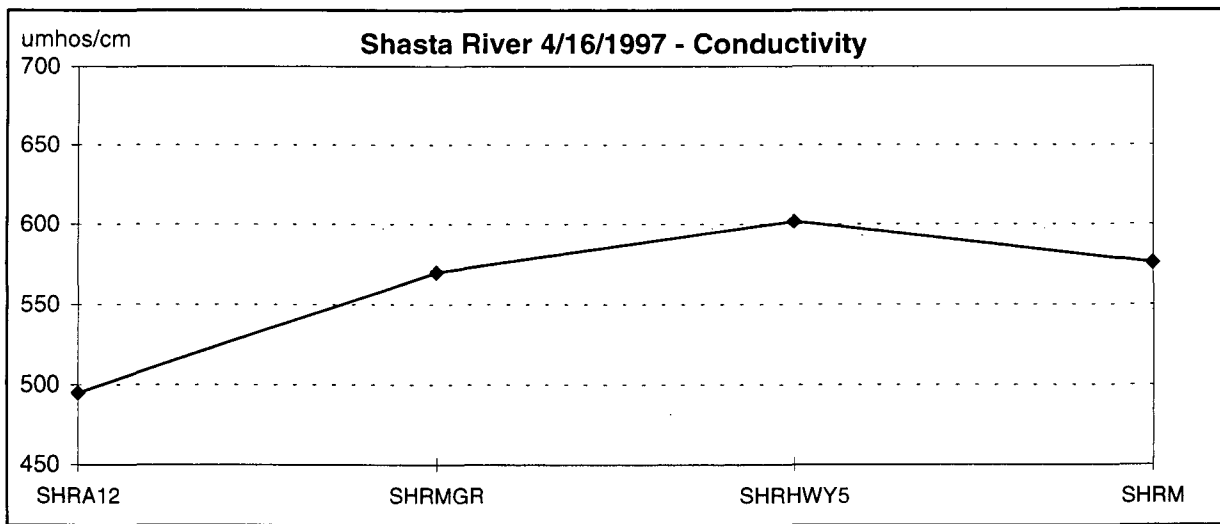
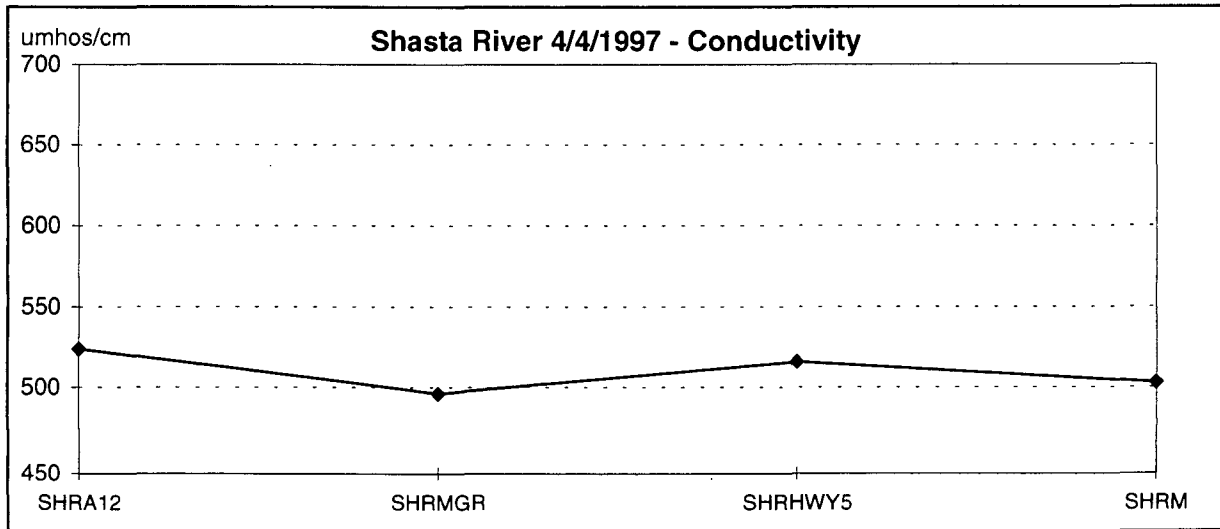
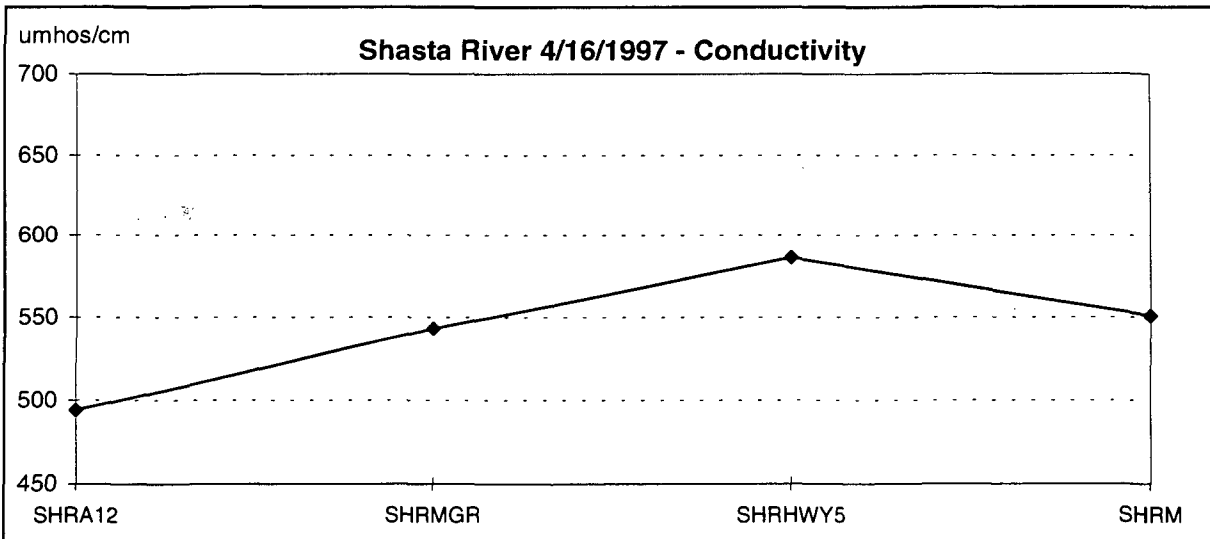
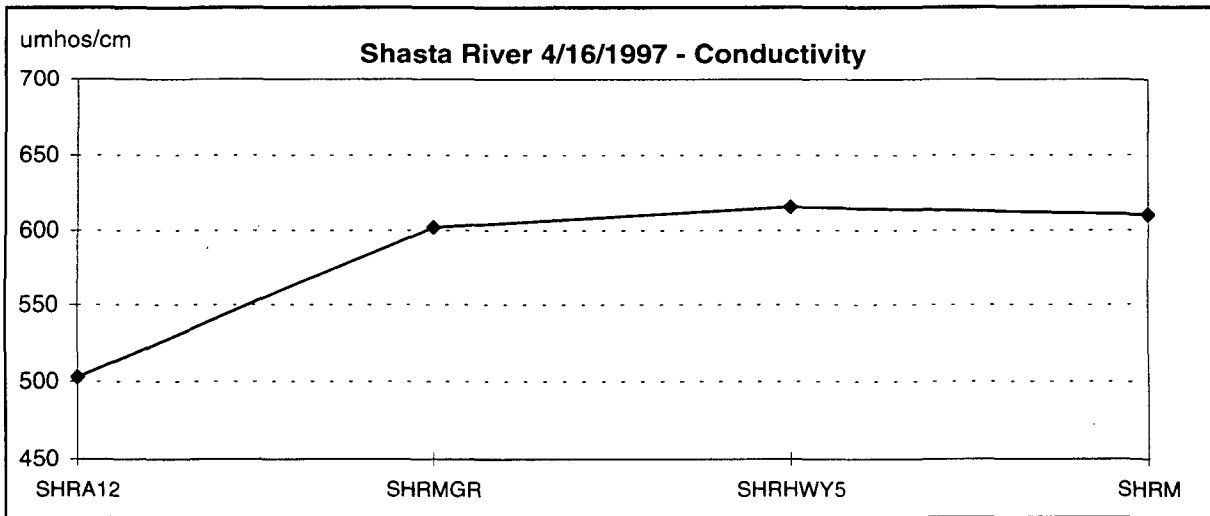
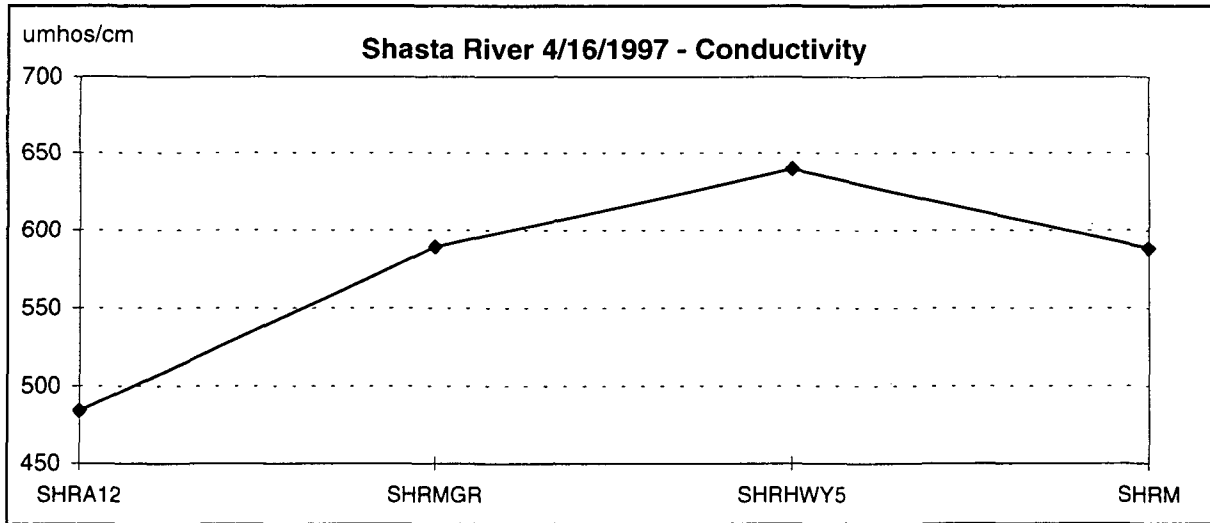
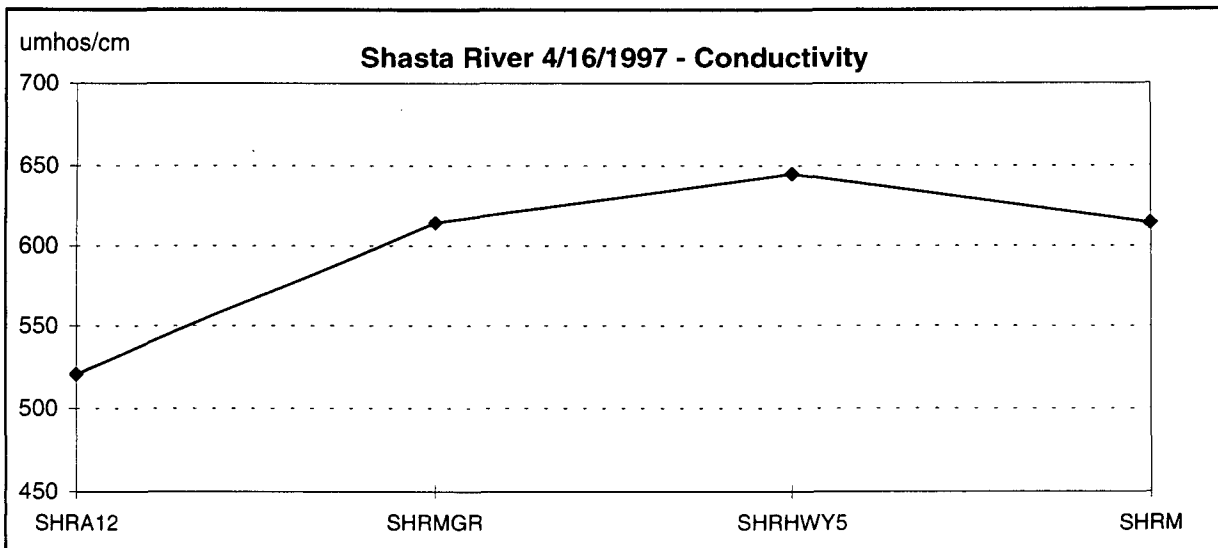
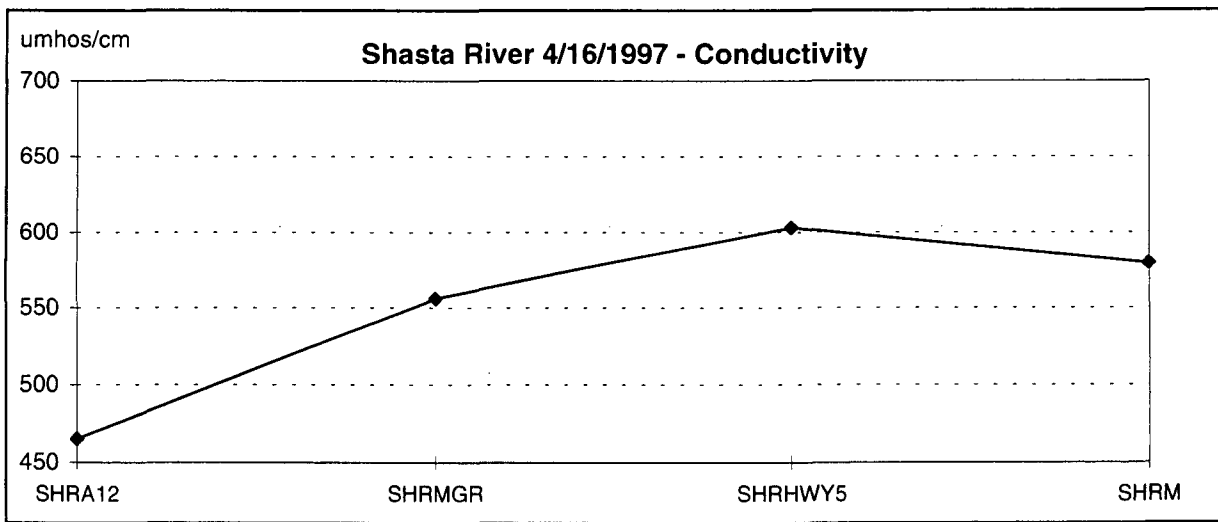
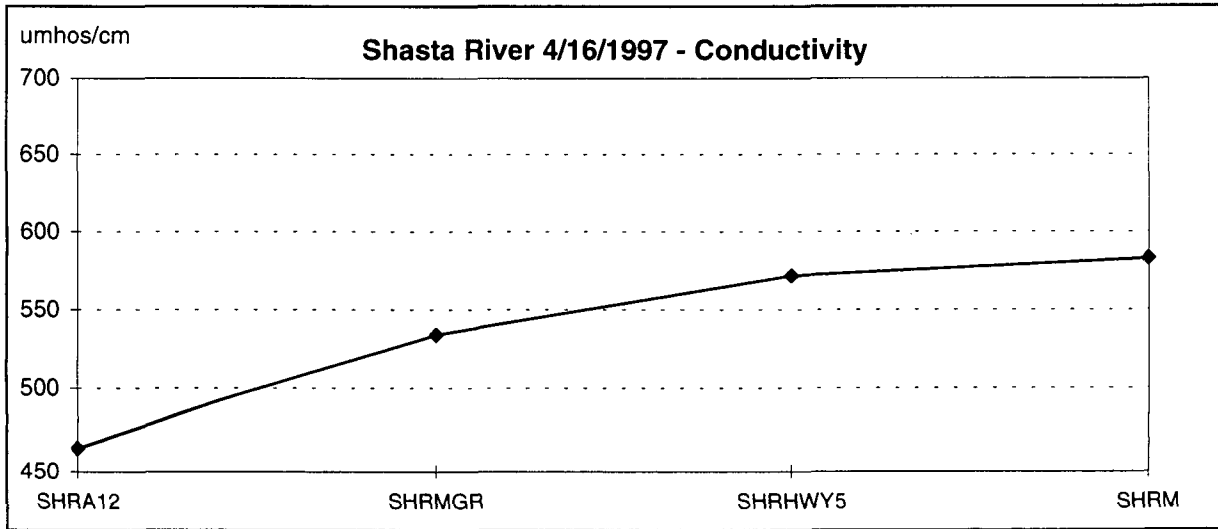


Table 17

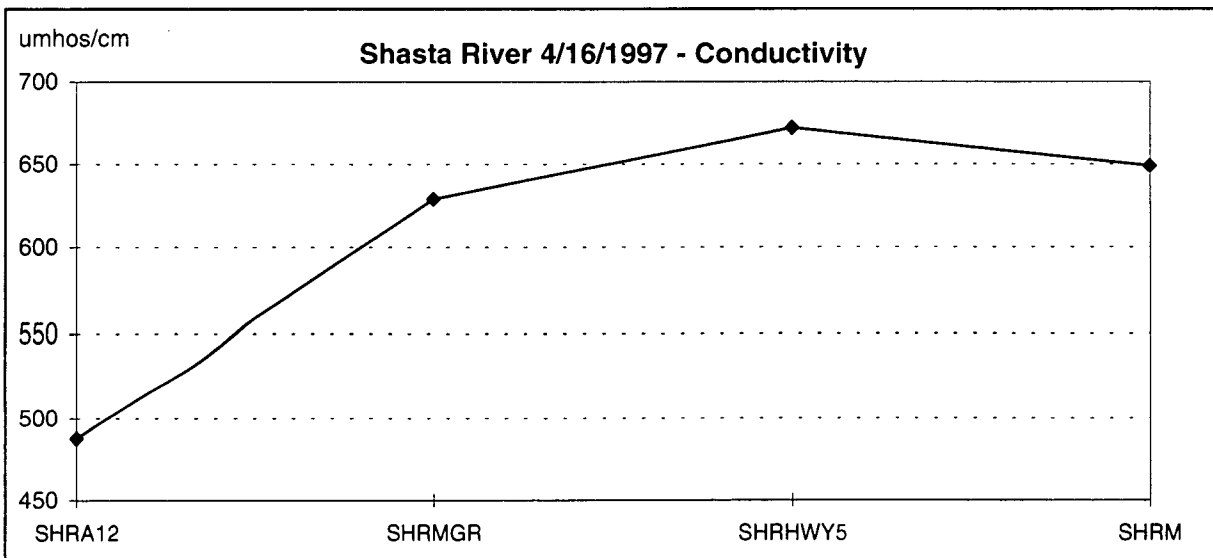
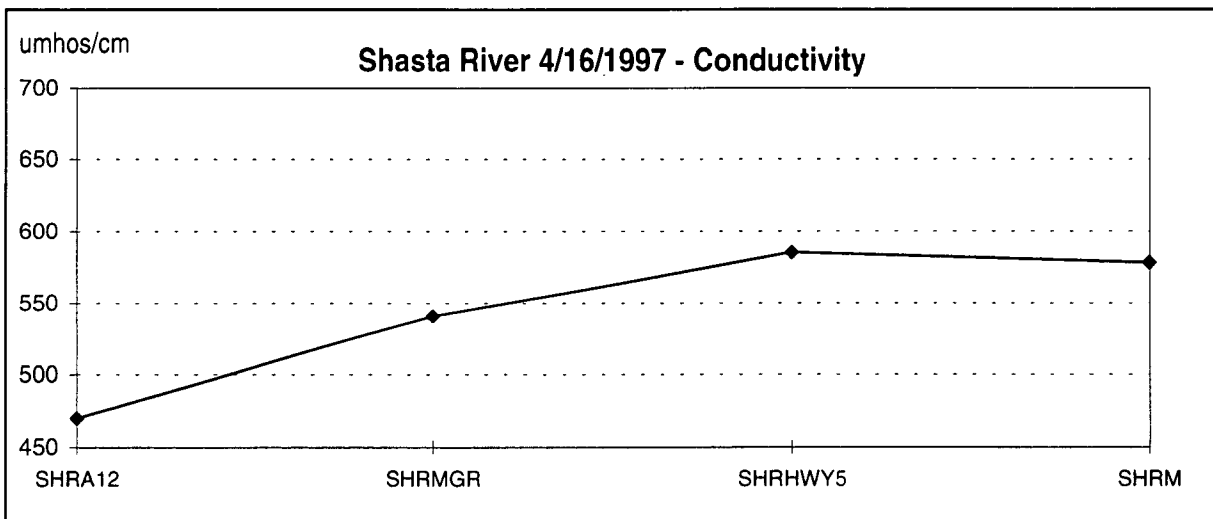
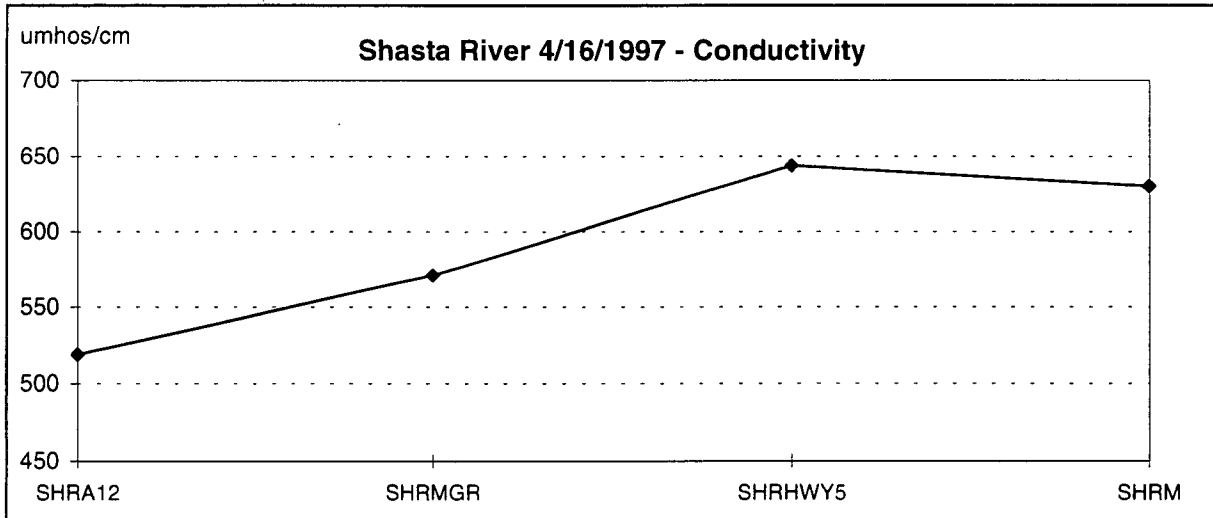
Shasta Date Cond



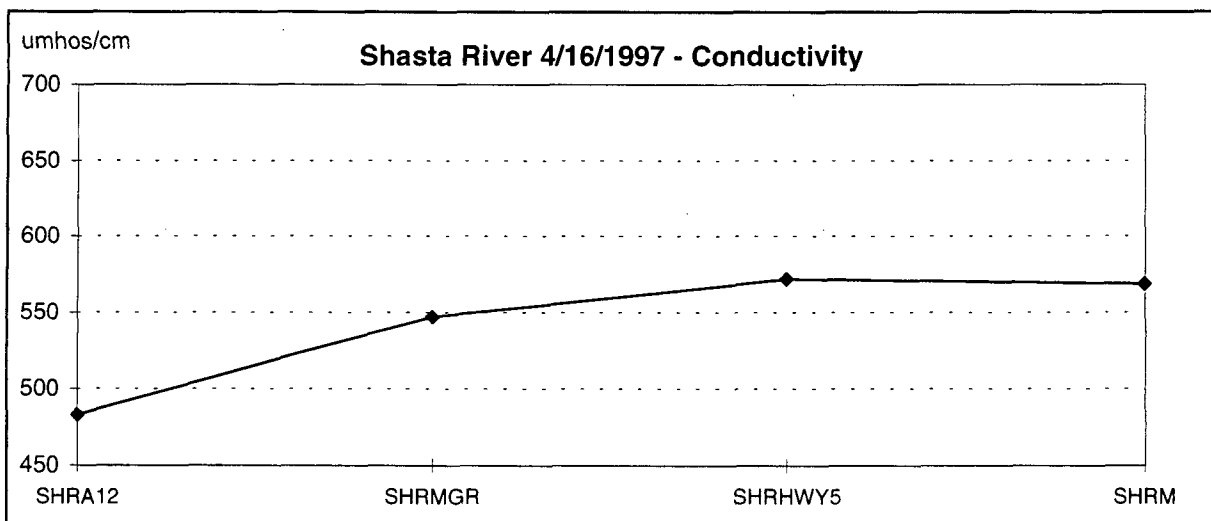
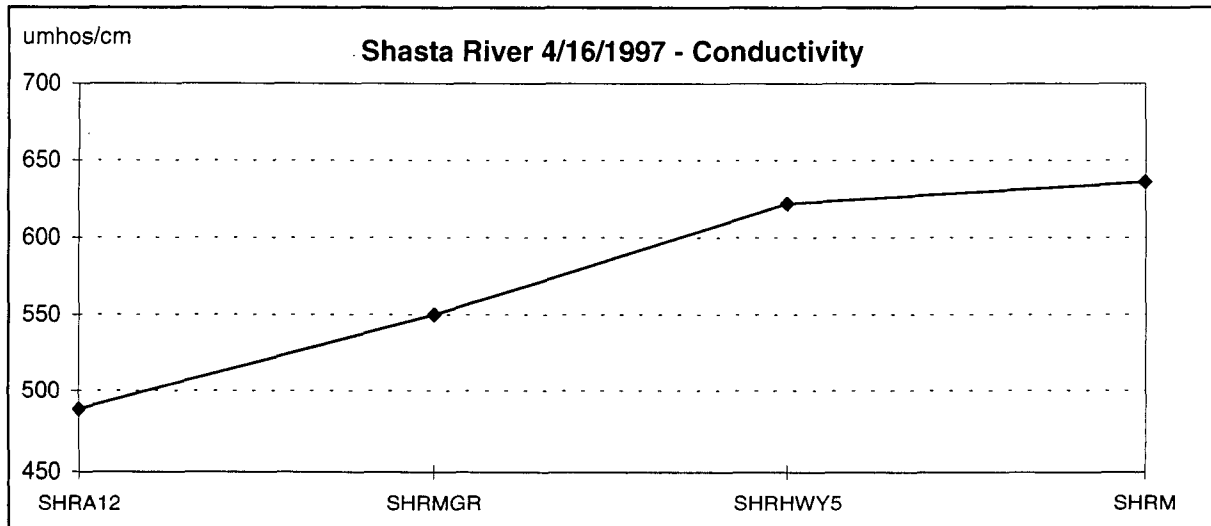
Shasta Date Cond



Shasta Date Cond



Shasta Date Cond



Date Unionized NH3

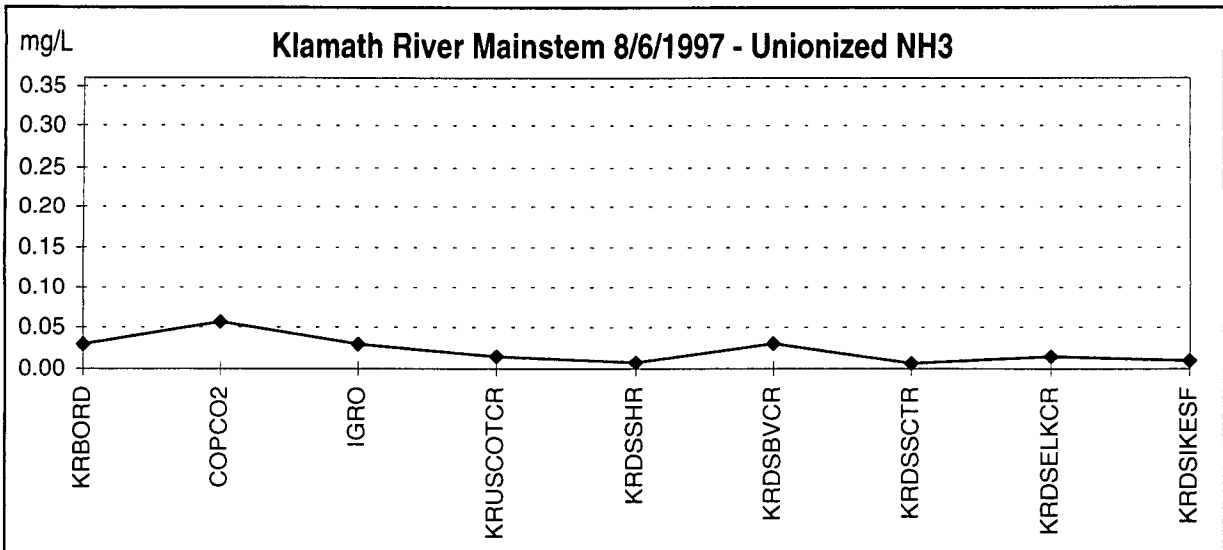
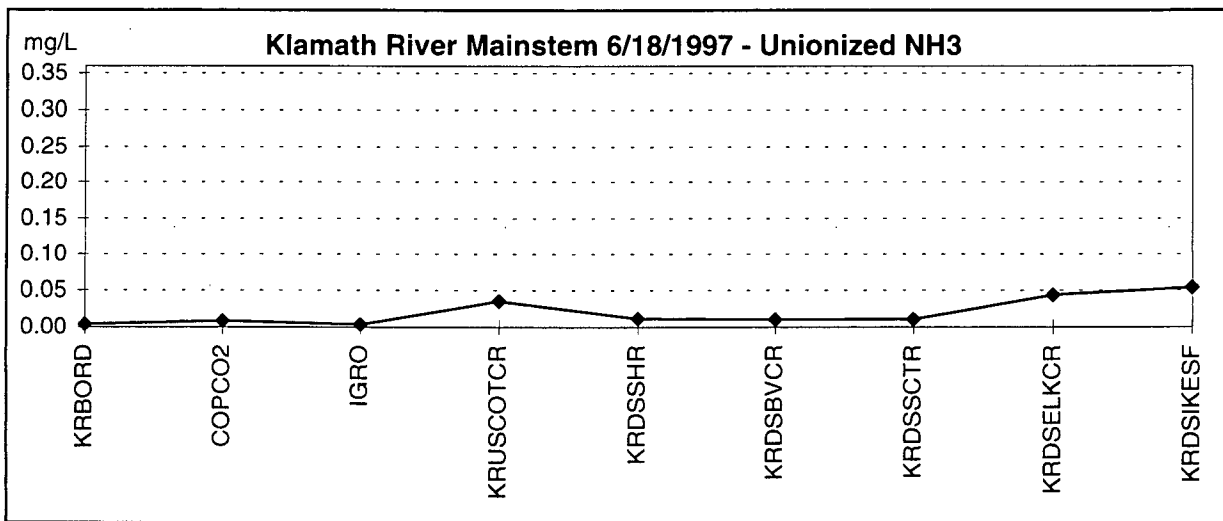
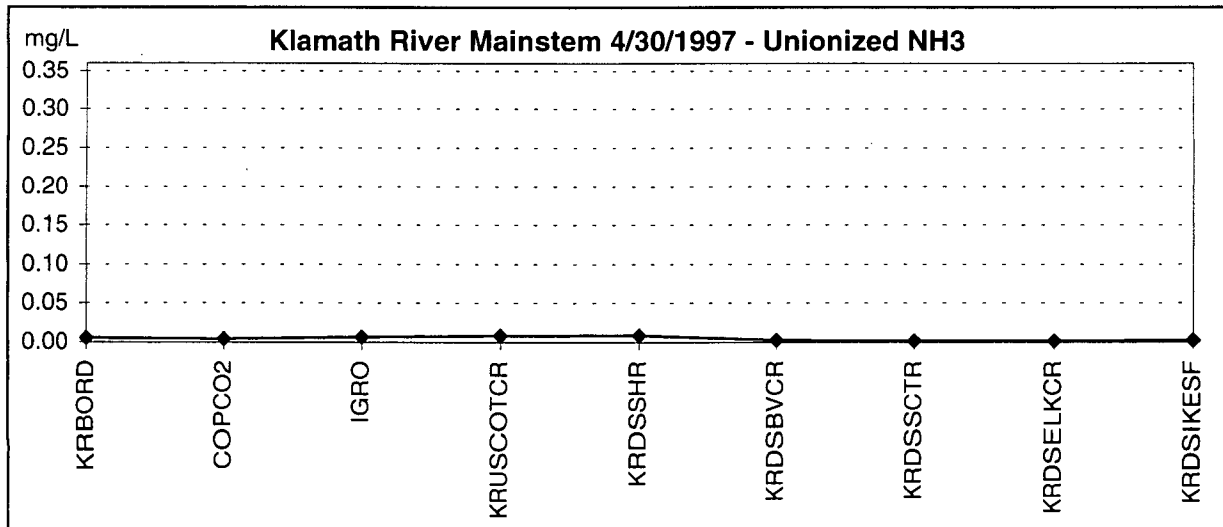
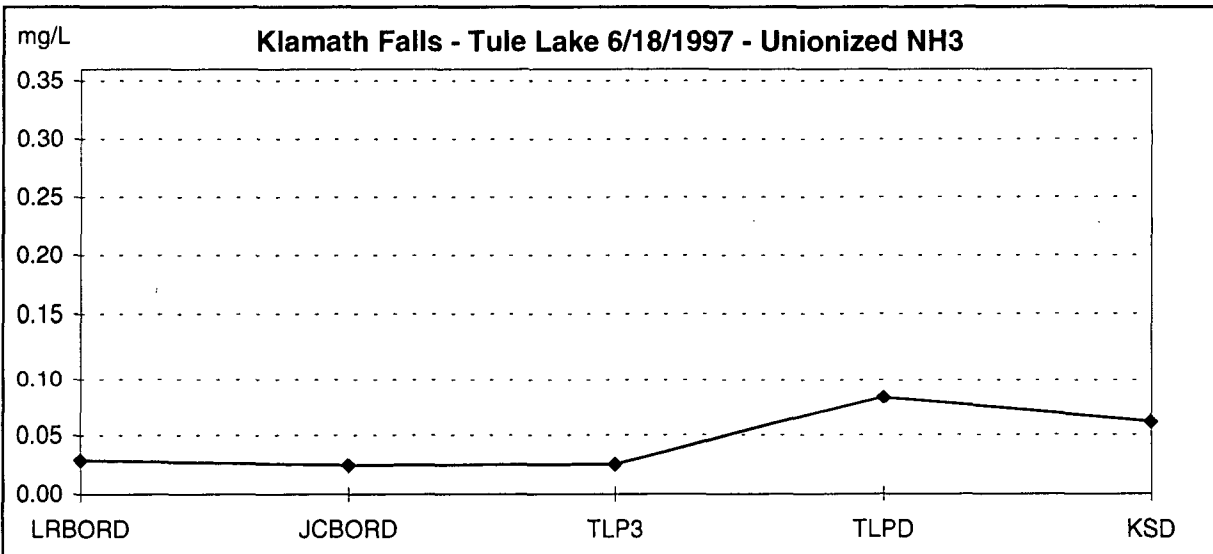
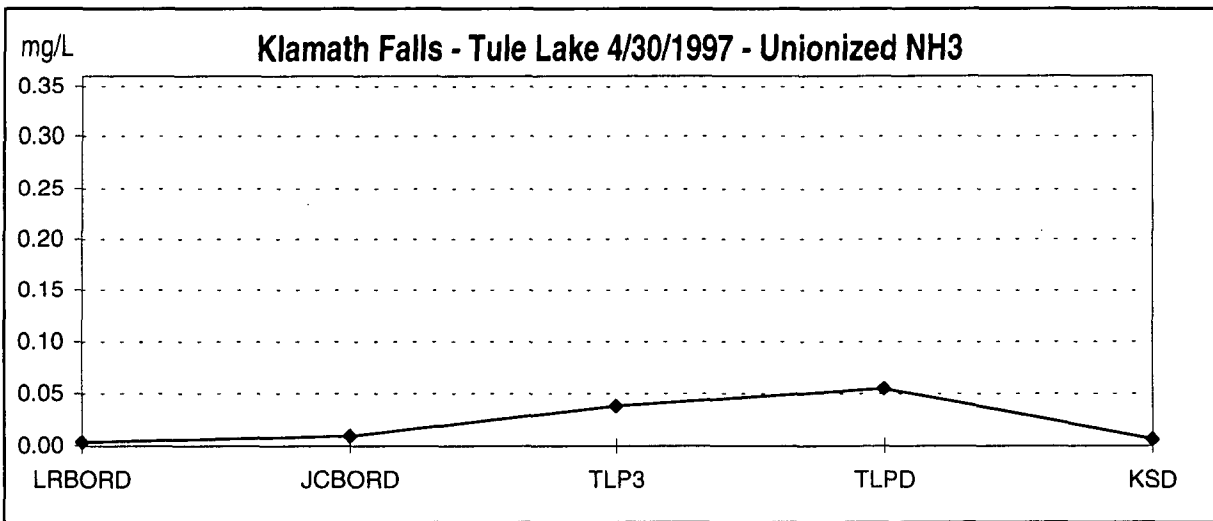
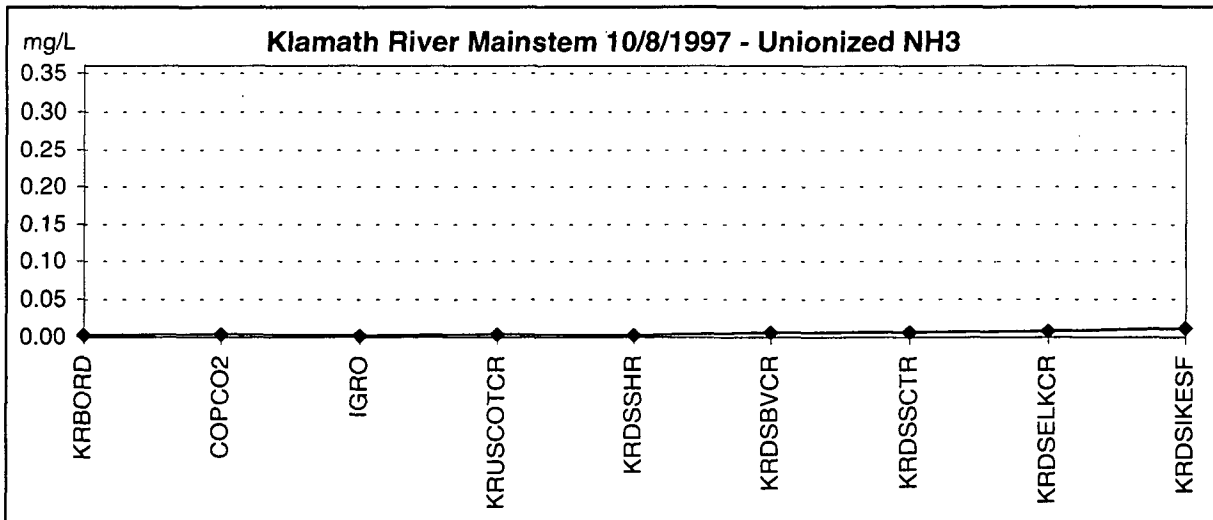
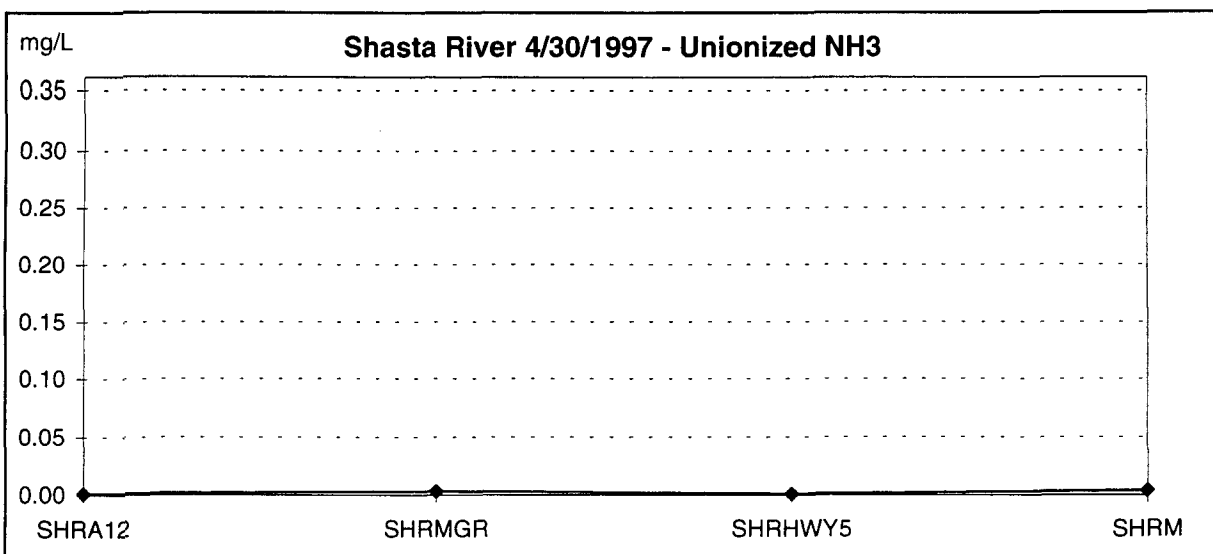
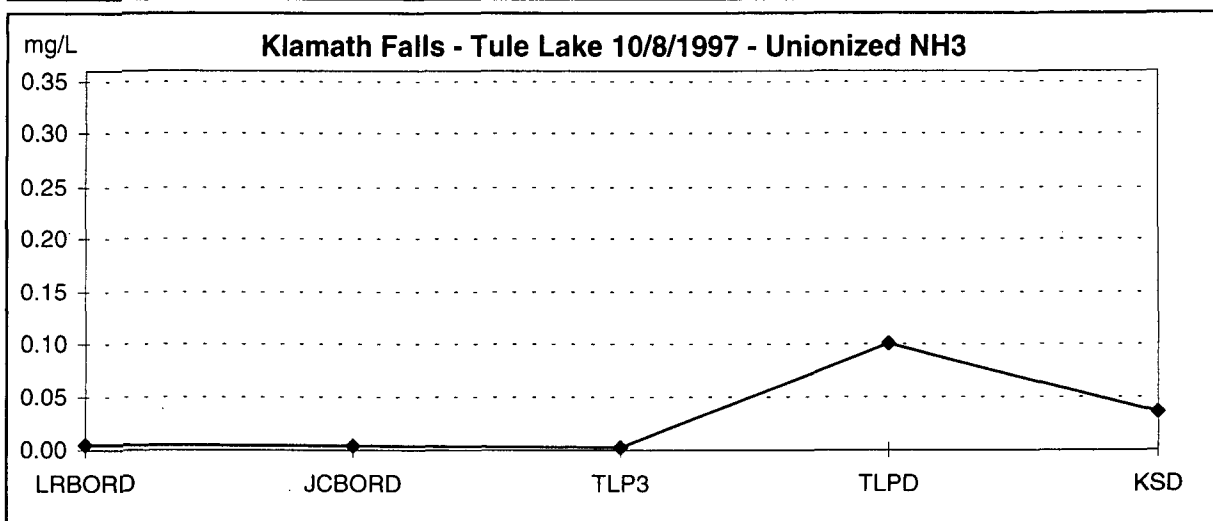
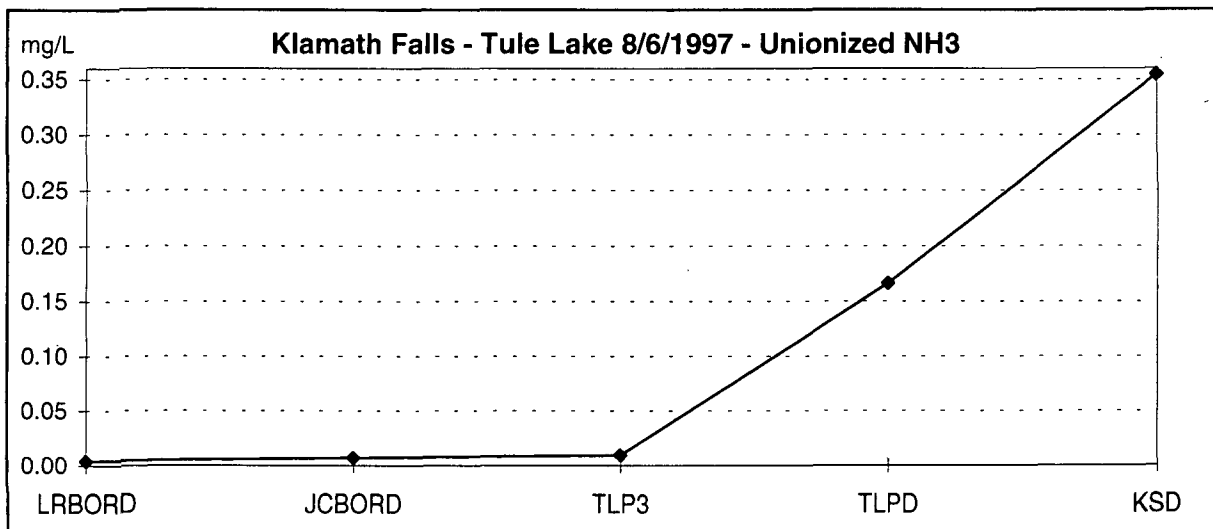


Table 18

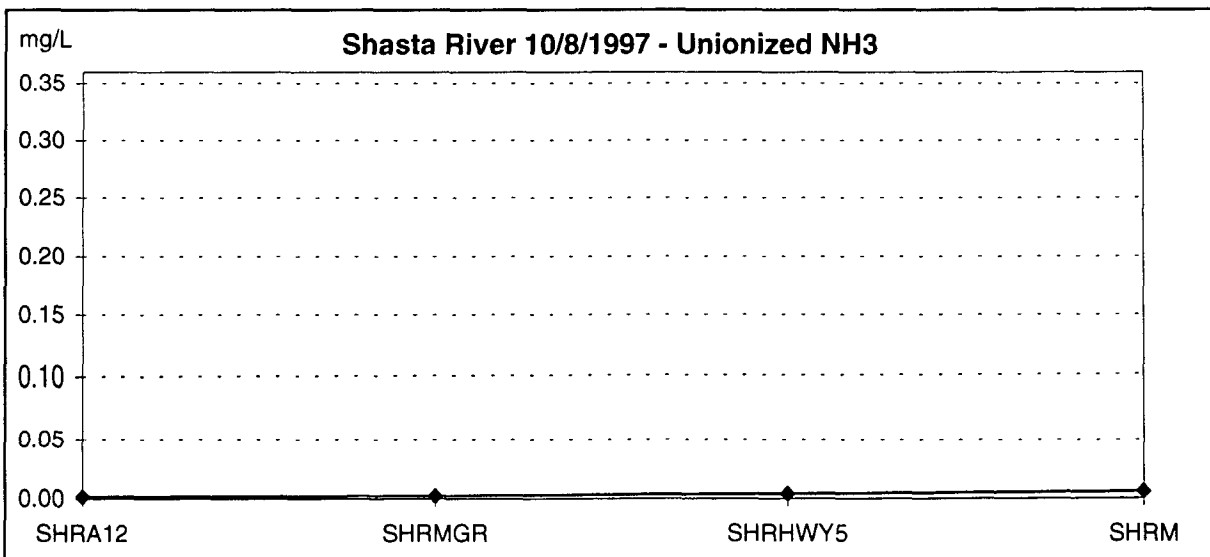
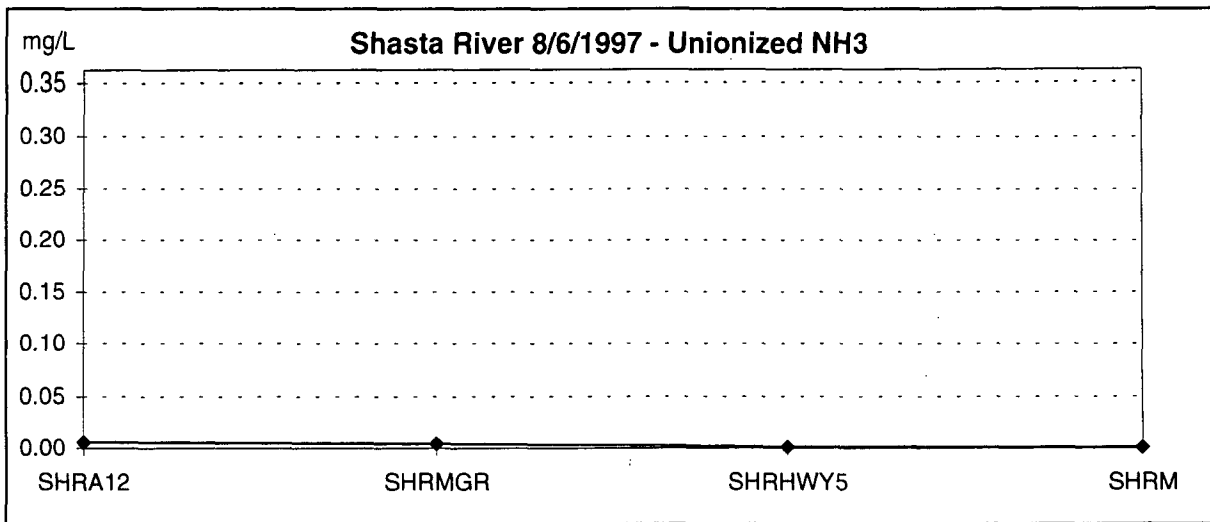
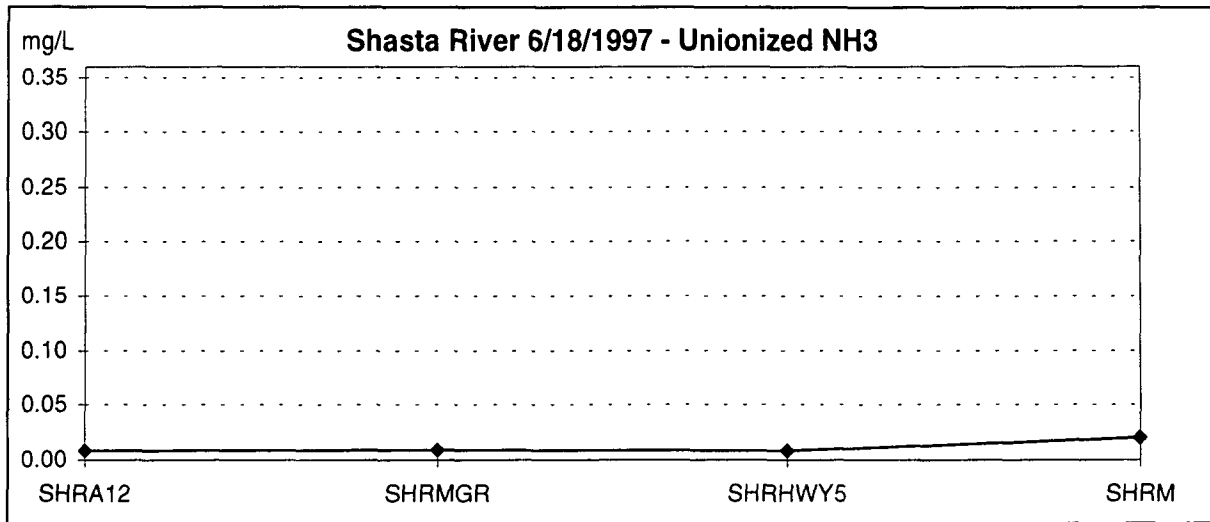
Date Unionized NH3



Date Unionized NH3

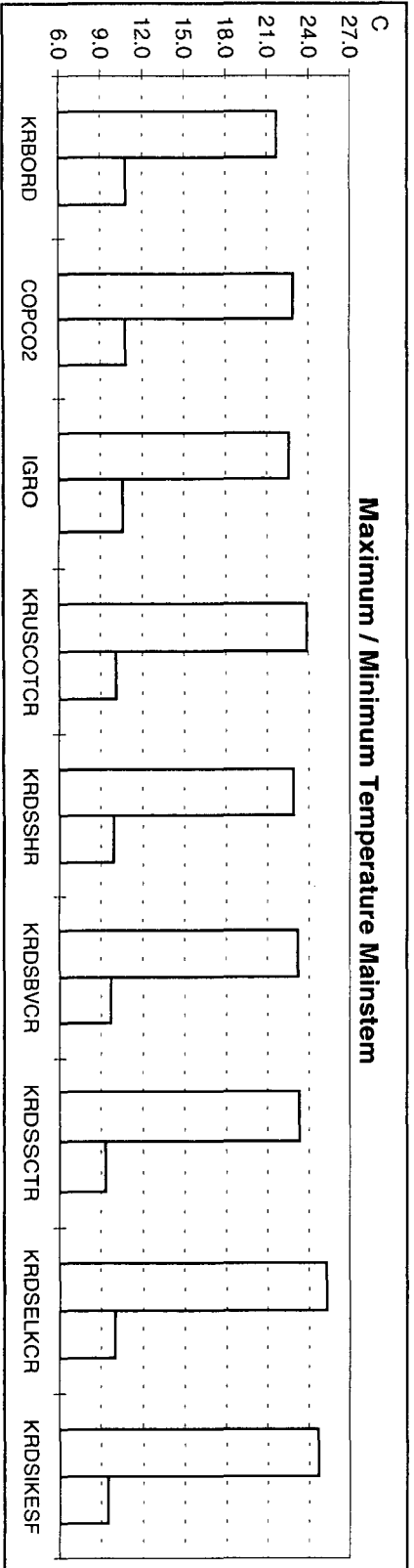
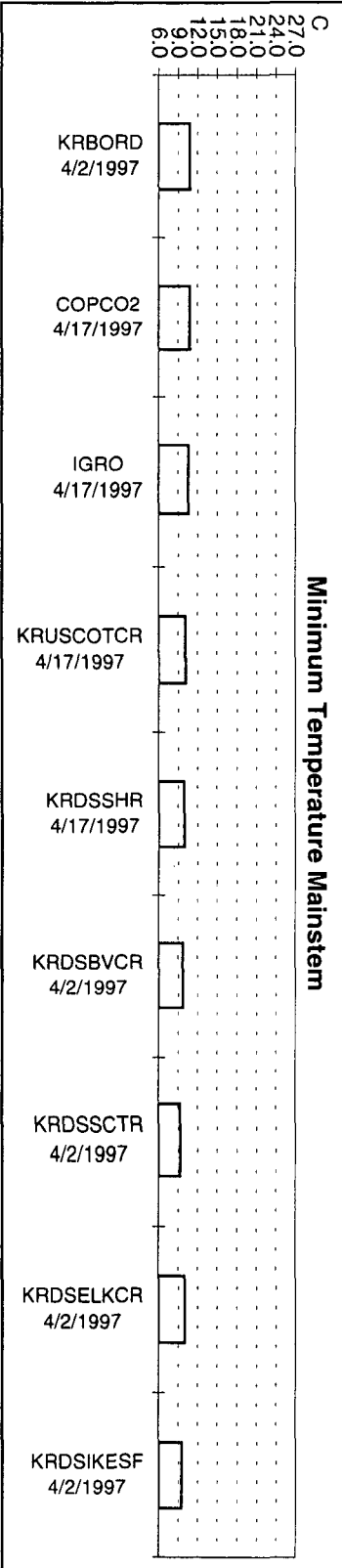
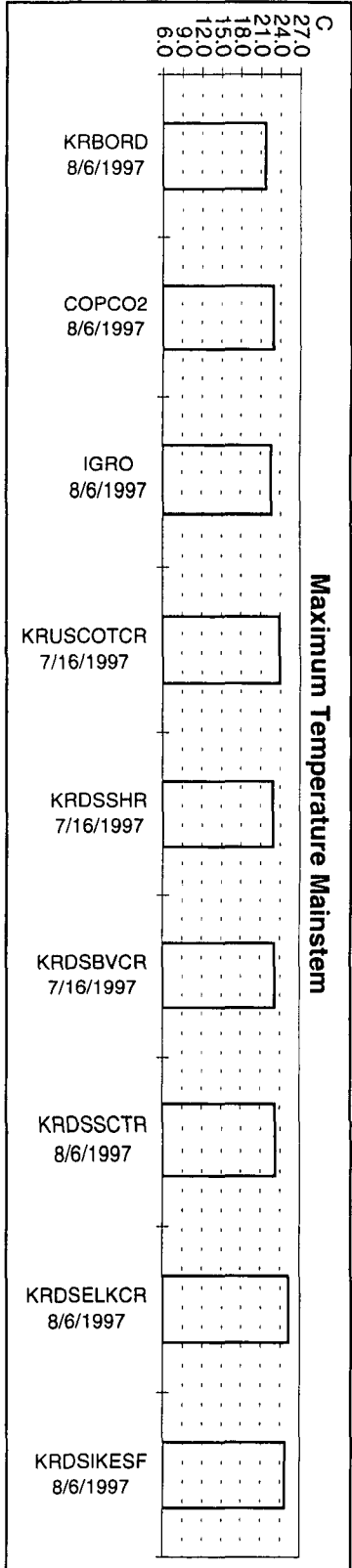


Date Unionized NH3

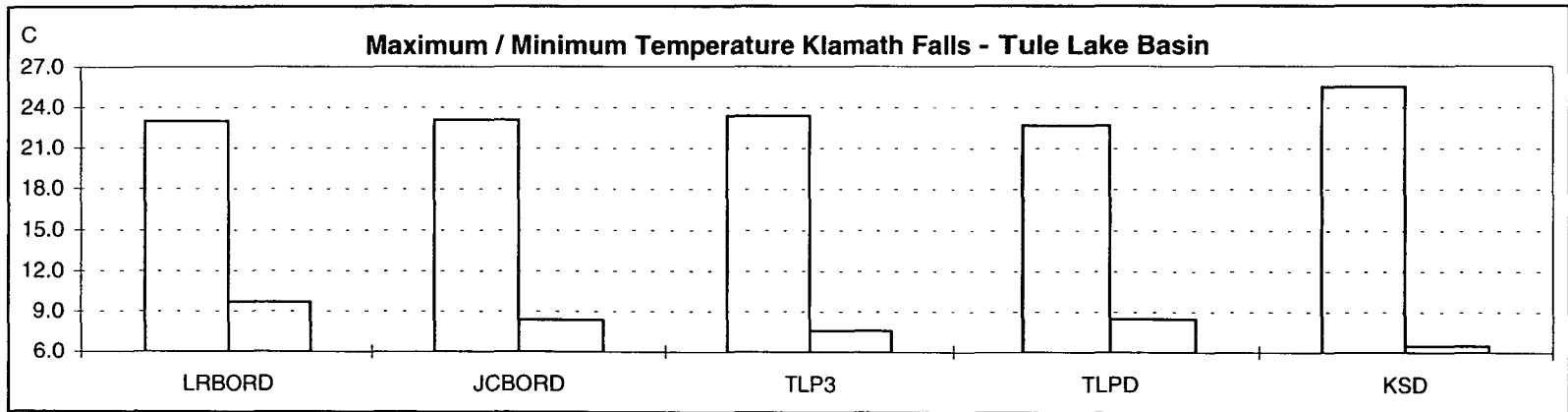
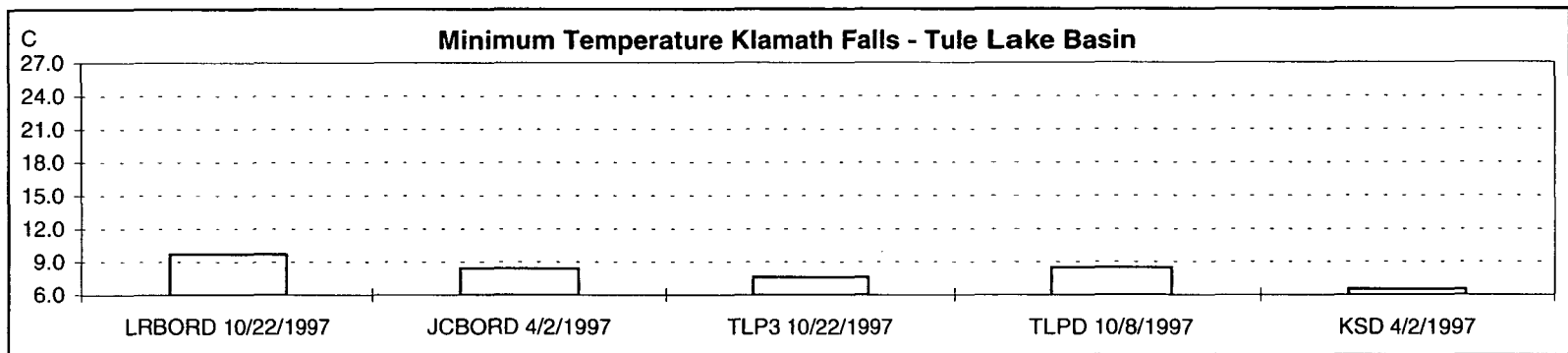
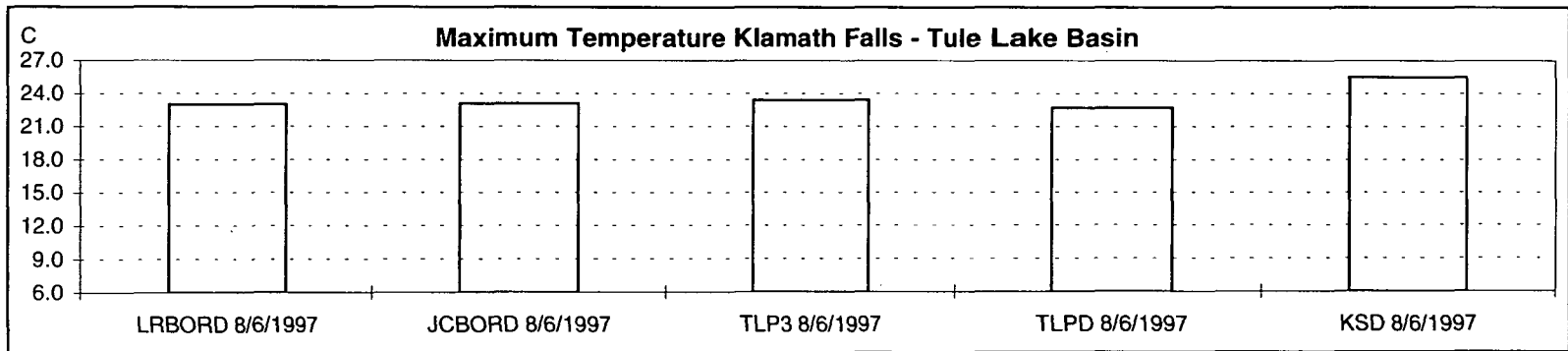


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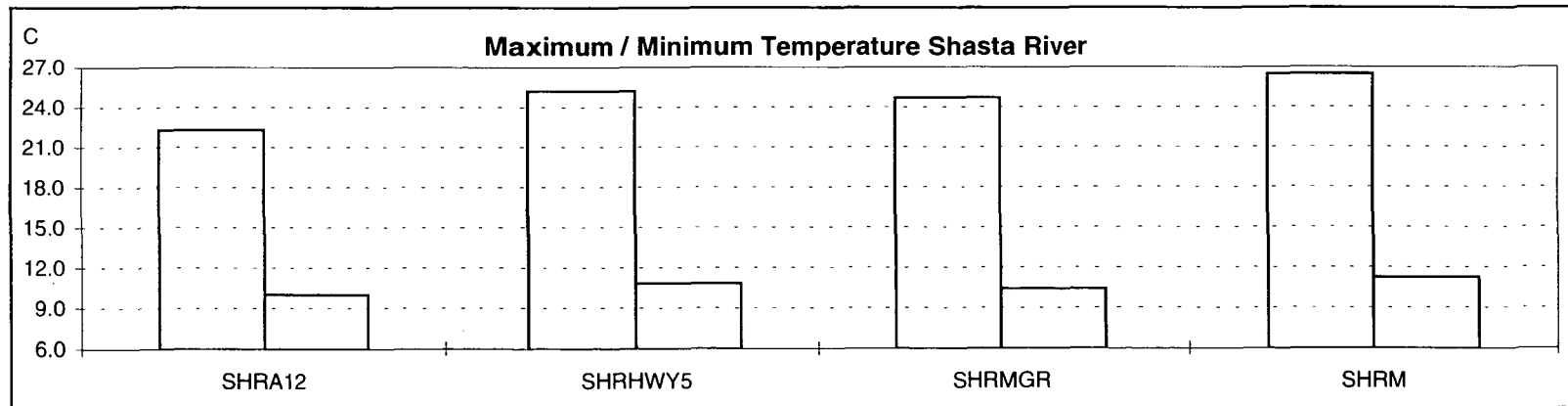
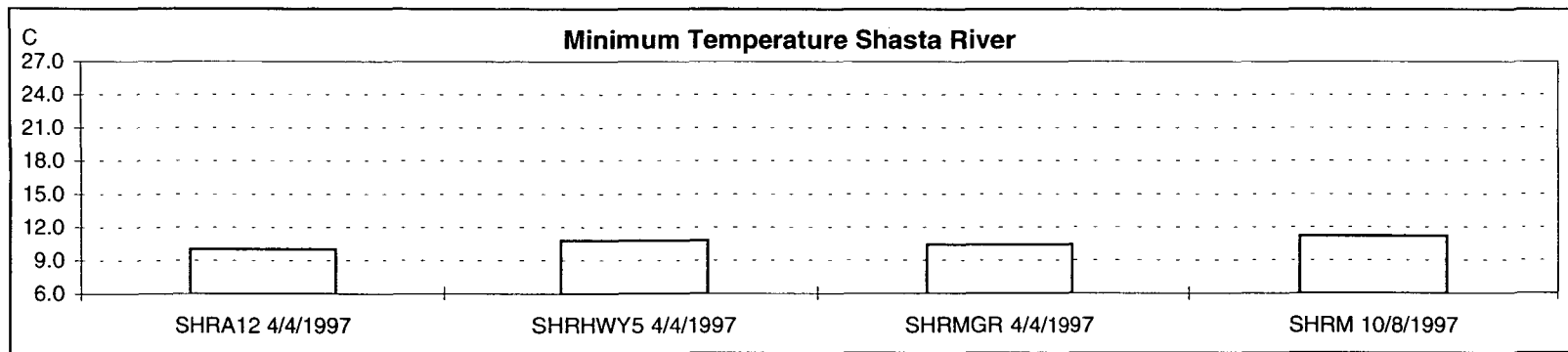
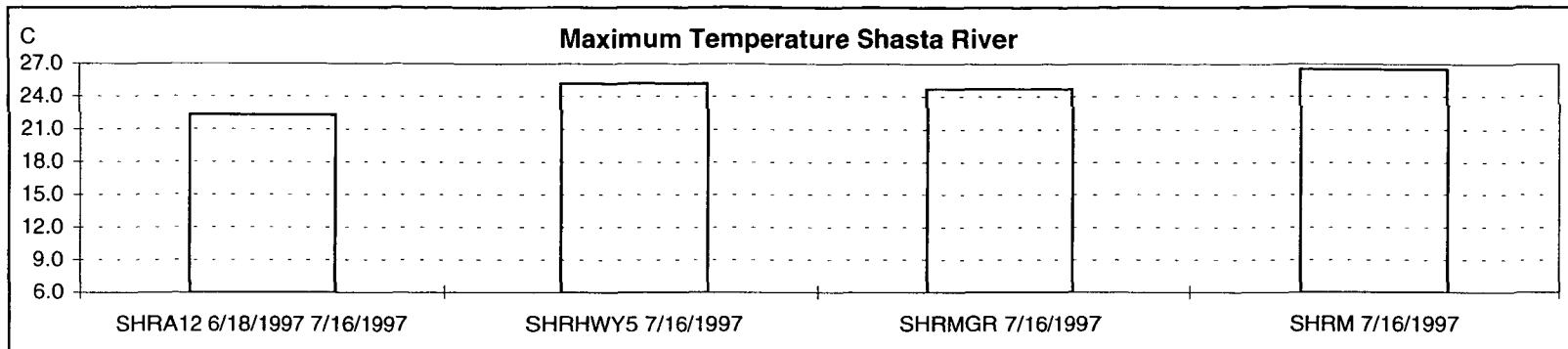
Max-Min Temp



Max-Min Temp

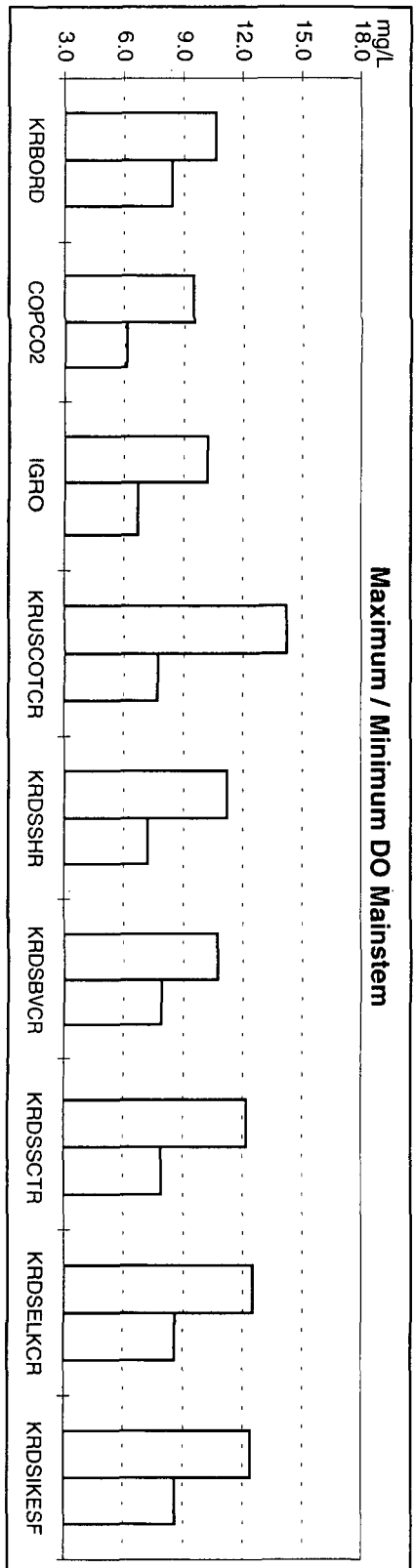
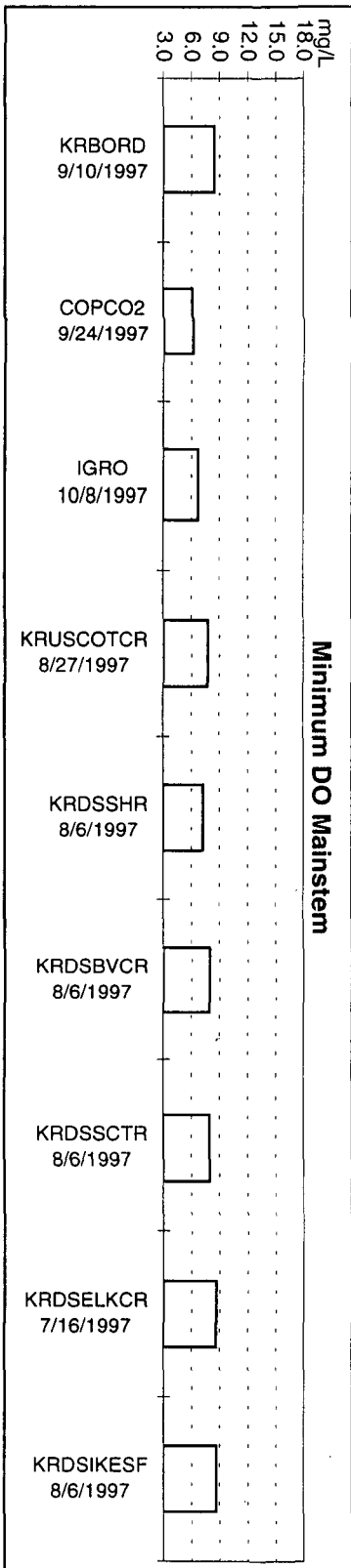
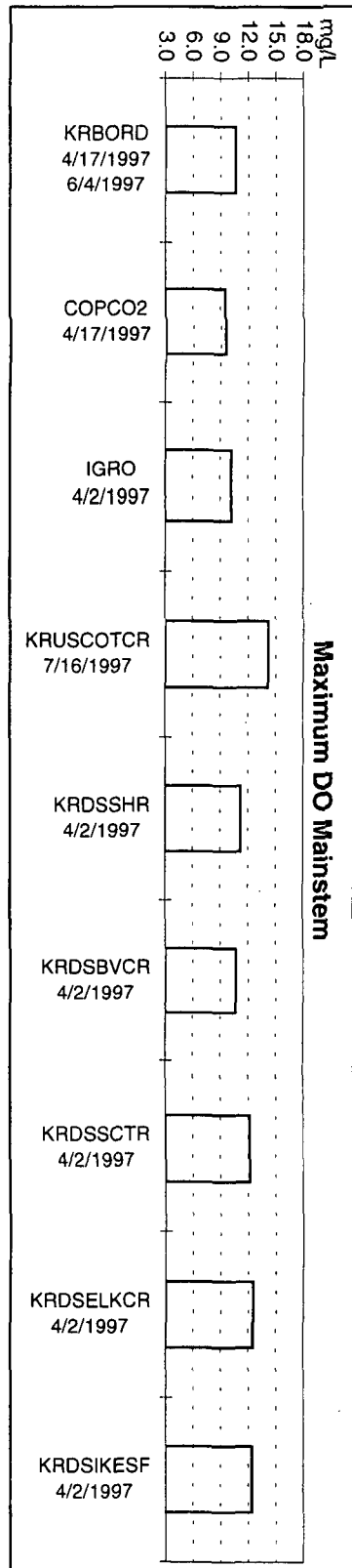


Max-Min Temp

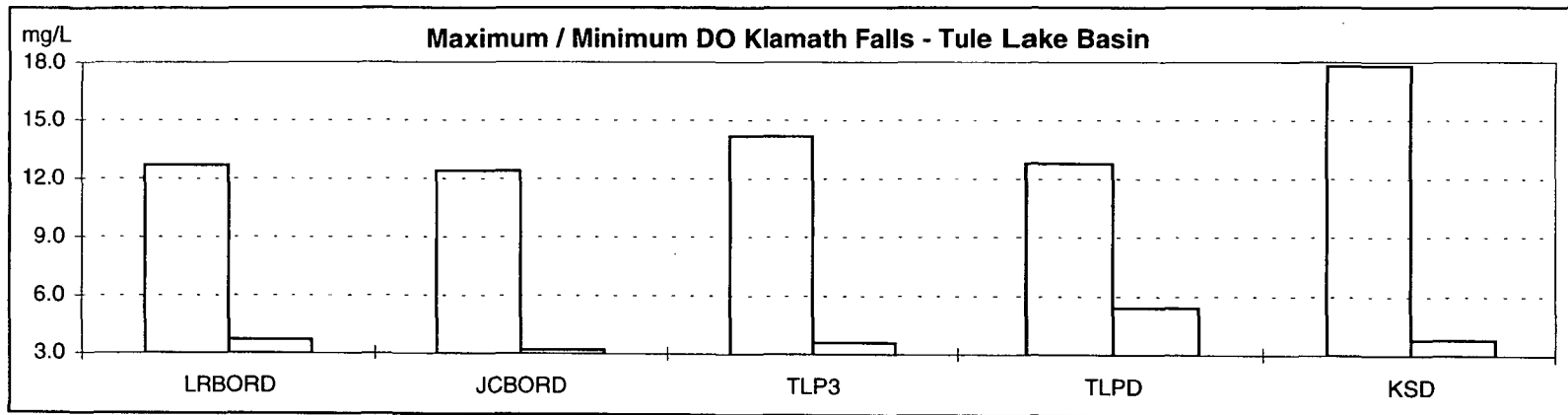
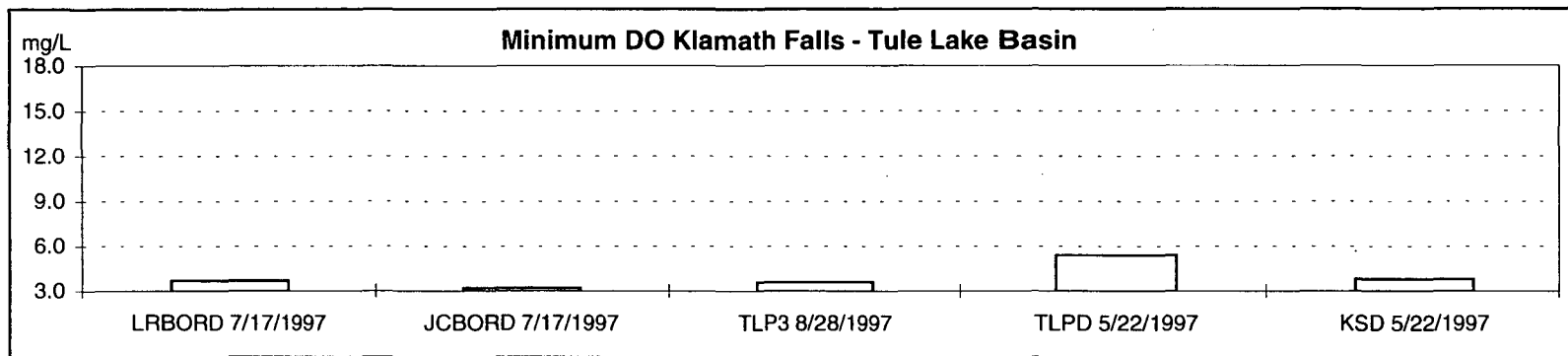
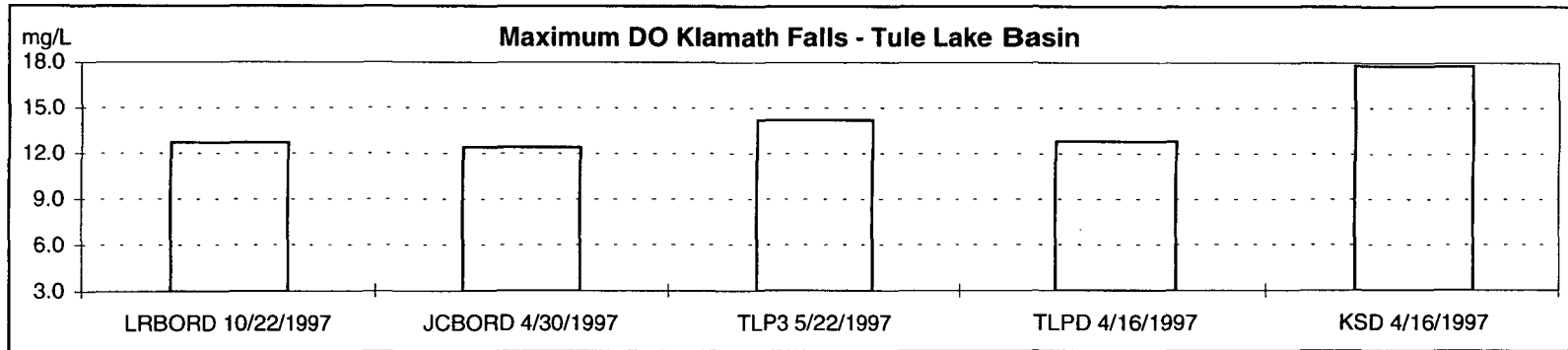


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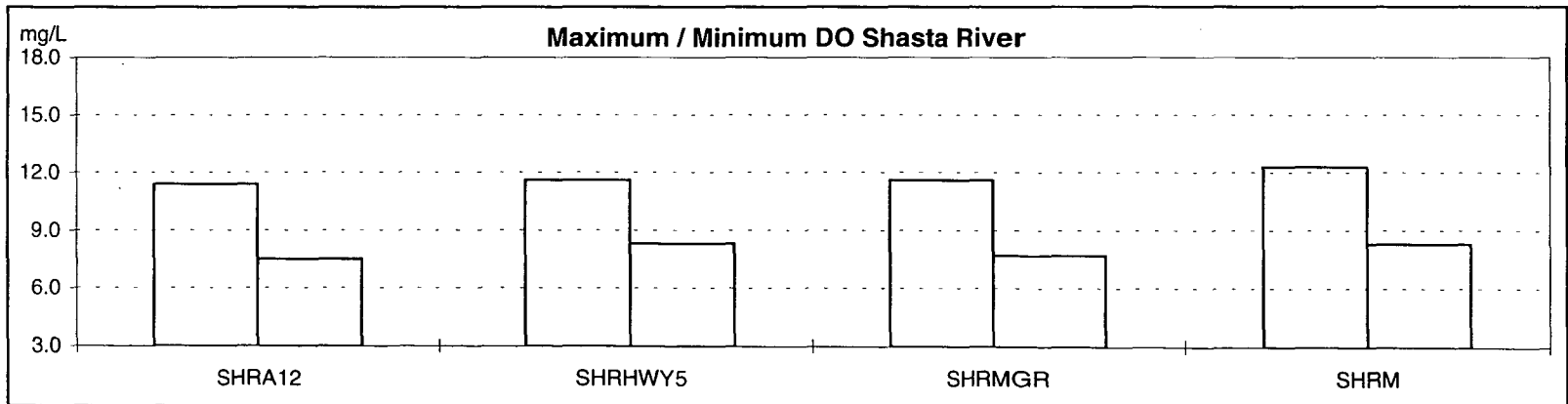
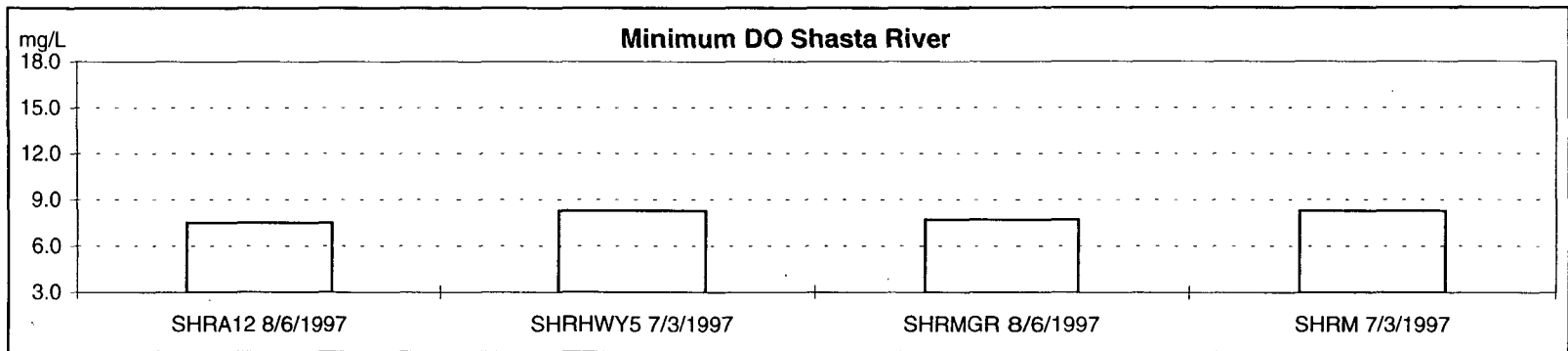
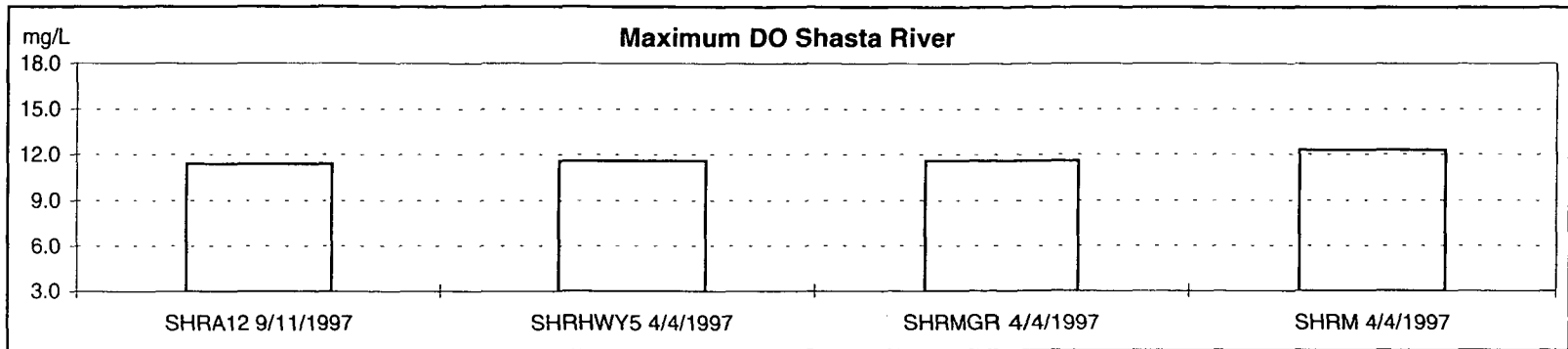
Max-Min DO



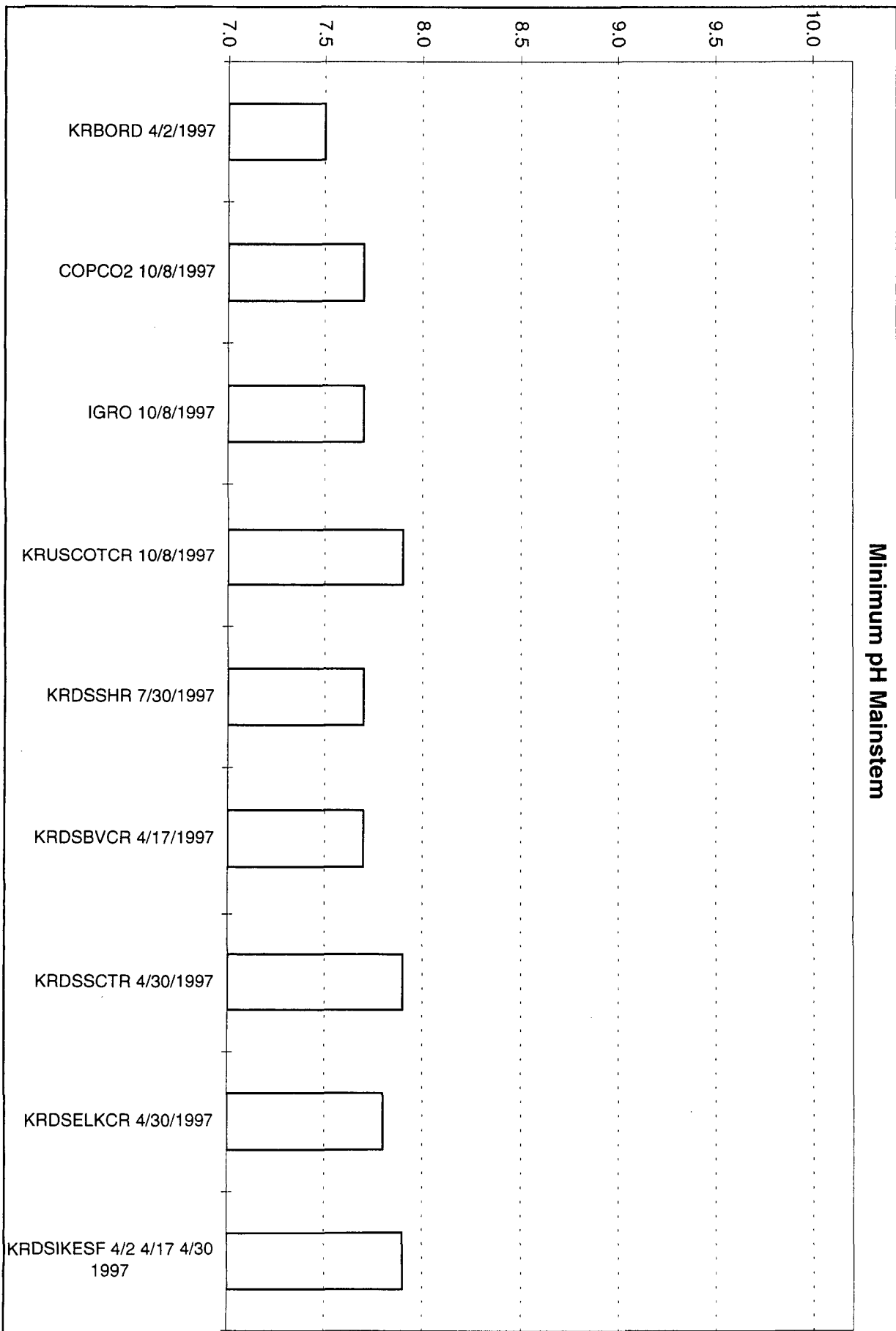
Max-Min DO



Max-Min DO



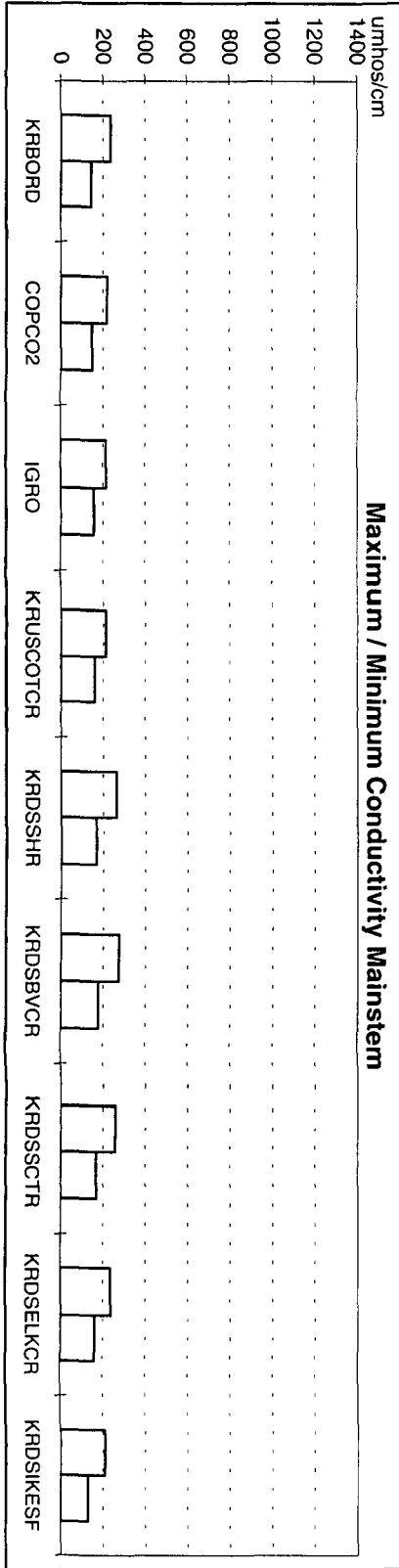
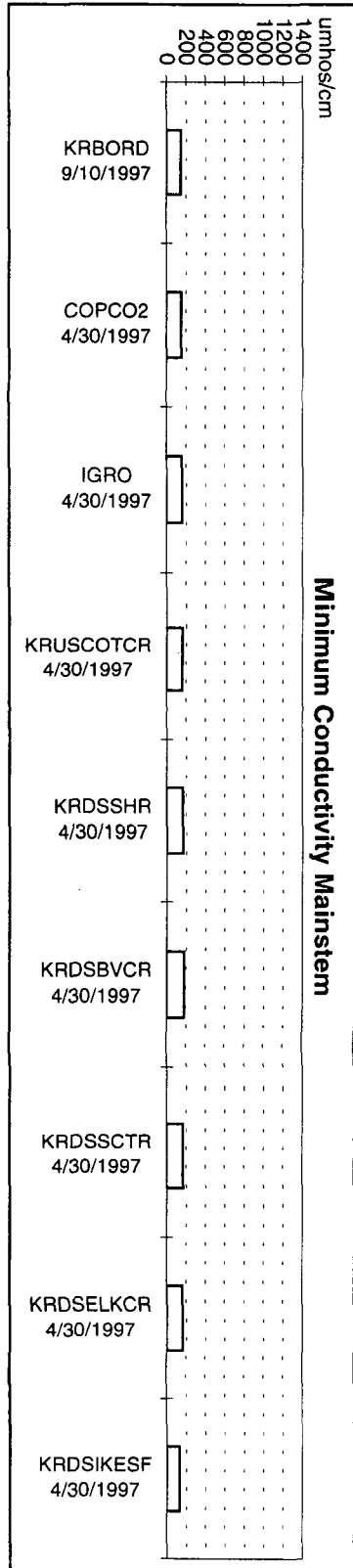
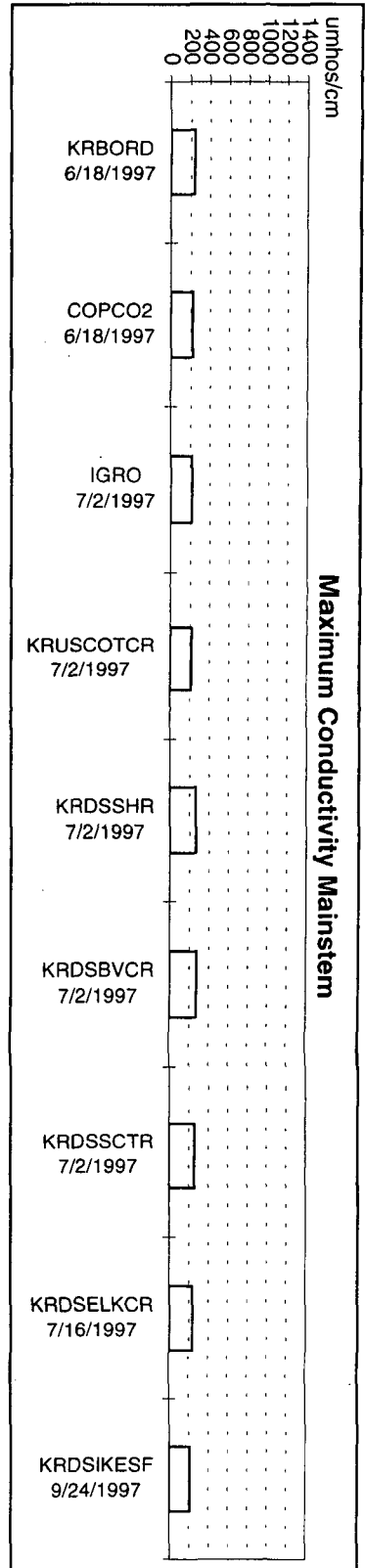
Minimum pH Mainstem



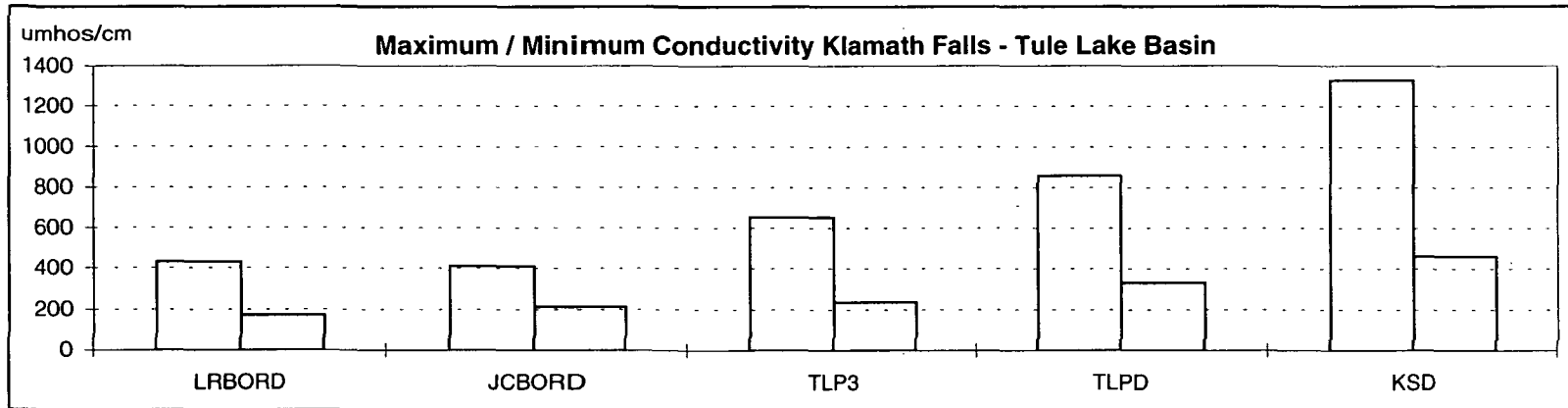
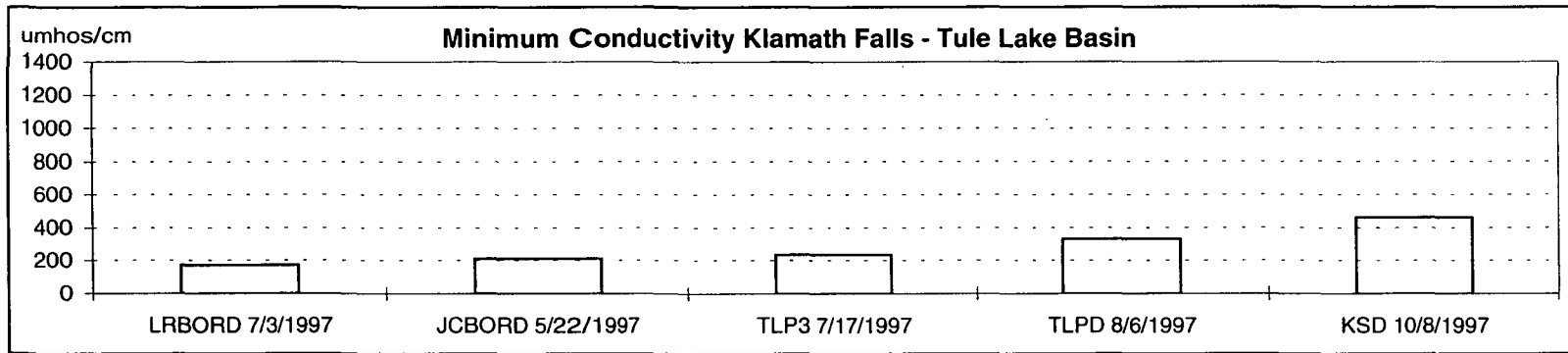
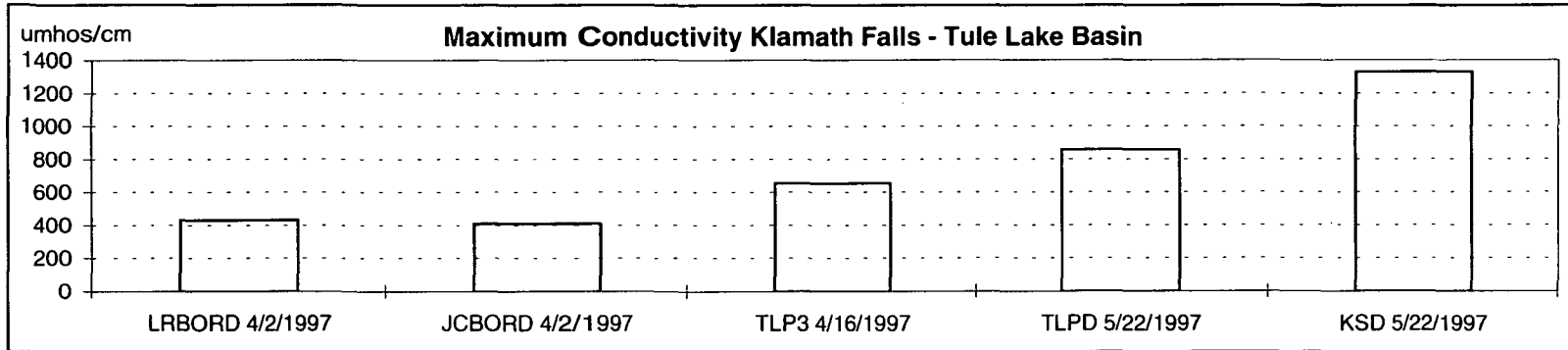
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Fig 22

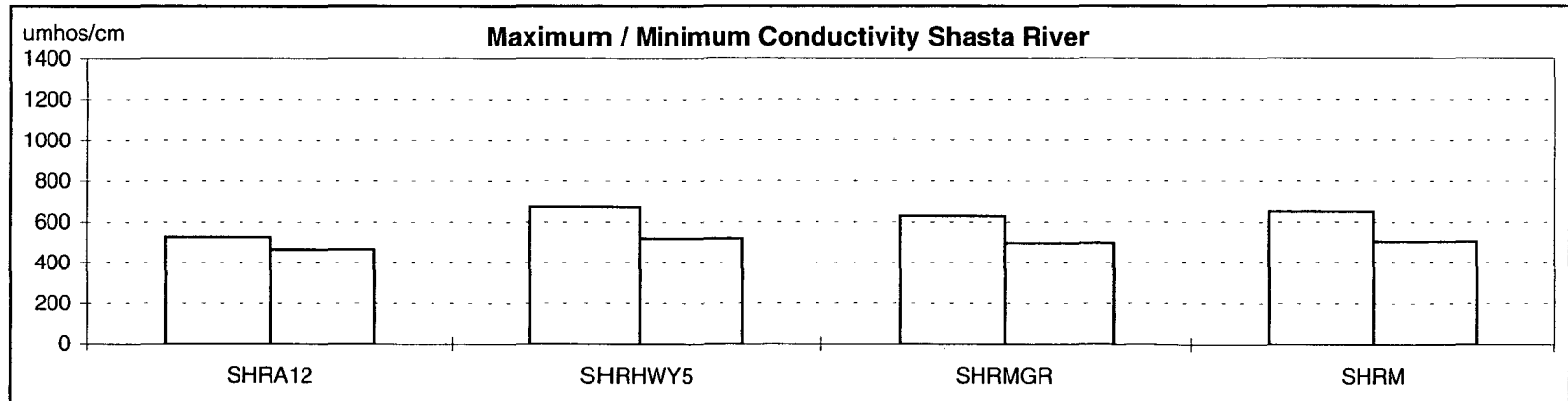
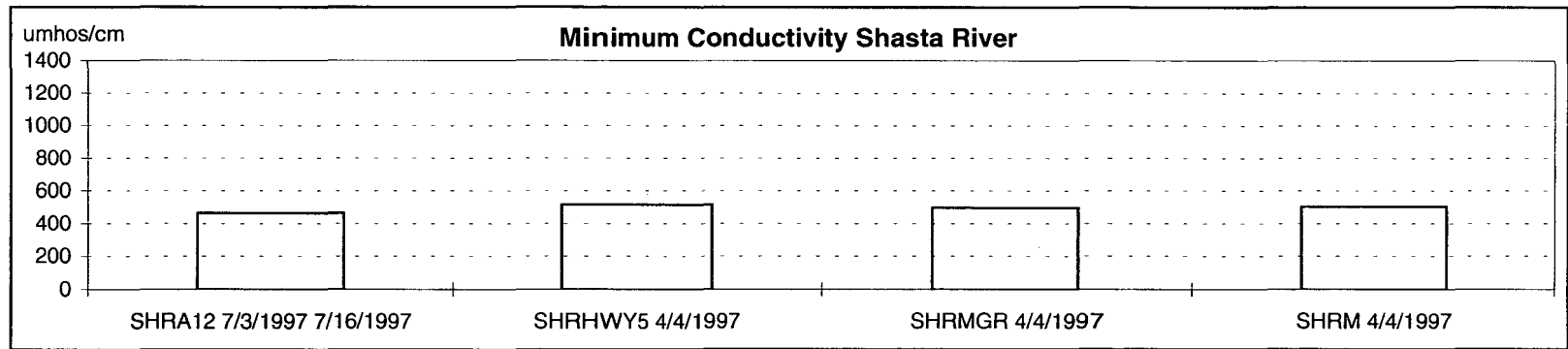
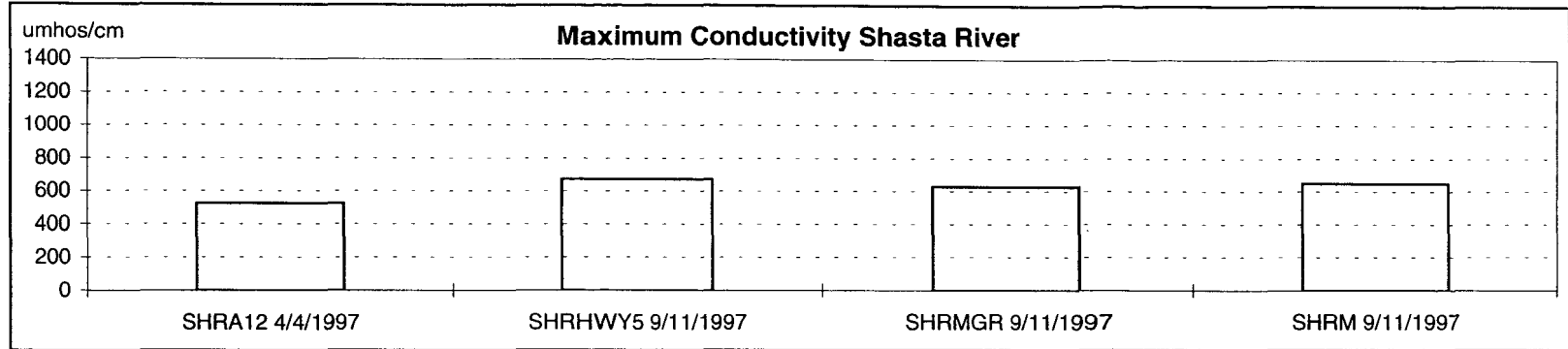
Max-Min Cond



Max-Min Cond



Max-Min Cond



Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max Temp		Min Temp	
Site Acronym	C	Site / Date	C	Site / Date	
KRBORD	21.7	KRBORD 8/6/1997	10.8	KRBORD 4/2/1997	
COPCO2	22.9	COPCO2 8/6/1997	10.8	COPCO2 4/17/1997	
IGRO	22.6	IGRO 8/6/1997	10.6	IGRO 4/17/1997	
KRUSCOTCR	23.9	KRUSCOTCR 7/16/1997	10.1	KRUSCOTCR 4/17/1997	
KRDSSHR	22.9	KRDSSHR 7/16/1997	9.9	KRDSSHR 4/17/1997	
KRDSBVCR	23.2	KRDSBVCR 7/16/1997	9.7	KRDSBVCR 4/2/1997	
KRDSSCTR	23.3	KRDSSCTR 8/6/1997	9.3	KRDSSCTR 4/2/1997	
KRDSELKCR	25.3	KRDSELKCR 8/6/1997	10.0	KRDSELKCR 4/2/1997	
KRDSIKESF	24.7	KRDSIKESF 8/6/1997	9.5	KRDSIKESF 4/2/1997	
LRBORD	23.0	LRBORD 8/6/1997	9.7	LRBORD 10/22/1997	
JCBORD	23.1	JCBORD 8/6/1997	8.4	JCBORD 4/2/1997	
TLP3	23.4	TLP3 8/6/1997	7.6	TLP3 10/22/1997	
TLPD	22.7	TLPD 8/6/1997	8.5	TLPD 10/8/1997	
KSD	25.5	KSD 8/6/1997	6.5	KSD 4/2/1997	
SHRA12	22.3	SHRA12 6/18/1997 7/16/1997	10.0	SHRA12 4/4/1997	
SHRHWY5	25.2	SHRHWY5 7/16/1997	10.8	SHRHWY5 4/4/1997	
SHRMGR	24.7	SHRMGR 7/16/1997	10.4	SHRMGR 4/4/1997	
SHRM	26.5	SHRM 7/16/1997	11.2	SHRM 10/8/1997	

Tab 23

Field Data Max-Min

	Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
	Max pH		Min pH	
Site Acronym	pH	Site / Date	pH	Site / Date
KRBORD	8.8	KRBORD 7/16/1997	7.5	KRBORD 4/2/1997
COPCO2	9.2	COPCO2 7/16/1997	7.7	COPCO2 10/8/1997
IGRO	8.7	IGRO 5/21/1997	7.7	IGRO 10/8/1997
KRUSCOTCR	9.3	KRUSCOTCR 7/16/1997	7.9	KRUSCOTCR 10/8/1997
KRDSSHR	8.7	KRDSSHR 7/16/1997	7.7	KRDSSHR 7/30/1997
KRDSBVCR	9.0	KRDSBVCR 7/16/1997	7.7	KRDSBVCR 4/17/1997
KRDSSCTR	8.8	KRDSSCTR 7/16/1997	7.9	KRDSSCTR 4/30/1997
KRDSELKCR	8.7	KRDSELKCR 9/24/1997	7.8	KRDSELKCR 4/30/1997
KRDSIKESF	8.6	KRDSIKESF 9/24/1997	7.9	KRDSIKESF 4/2 4/17 4/30 1997
LRBORD	9.0	LRBORD 4/2/1997	7.6	LRBORD 7/31 8/6 9/25 1997
JCBORD	9.1	JCBORD 4/2/1997	7.6	JCBORD 7/31/1997
TLP3	8.9	TLP3 4/2/1997 6/18/1997	7.5	TLP3 7/3/1997
TLPD	10.1	TLPD 6/18/1997	8.1	TLPD 9/25/1997
KSD	9.8	KSD 8/6/1997	7.5	KSD 9/25/1997
SHRA12	8.4	SHRA12 9/11/1997	7.5	SHRA12 4/30/1997
SHRHWD5	8.4	SHRHWD5 4/4 7/16 9/11 9/25 1997	8.0	SHRHWD5 4/30/1997
SHRMGR	8.5	SHRMGR 4/4/1997 7/16/1997	7.9	SHRMGR 4/30/1997 10/8/1997
SHRM	8.9	SHRM 4/4/1997	8.3	SHRM 10/8/1997

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max DO		Min DO	
Site Acronym	mg/L	Site / Date		mg/L	Site / Date
KRBORD	10.6	KRBORD 4/17/1997 6/4/1997		8.4	KRBORD 9/10/1997
COPCO2	9.5	COPCO2 4/17/1997		6.1	COPCO2 9/24/1997
IGRO	10.2	IGRO 4/2/1997		6.7	IGRO 10/8/1997
KRUSCOTCR	14.2	KRUSCOTCR 7/16/1997		7.7	KRUSCOTCR 8/27/1997
KRDSSHR	11.2	KRDSSHR 4/2/1997		7.2	KRDSSHR 8/6/1997
KRDSBVCR	10.7	KRDSBVCR 4/2/1997		7.9	KRDSBVCR 8/6/1997
KRDSSCTR	12.2	KRDSSCTR 4/2/1997		7.9	KRDSSCTR 8/6/1997
KRDSELKCR	12.5	KRDSELKCR 4/2/1997		8.6	KRDSELKCR 7/16/1997
KRDSIKESF	12.4	KRDSIKESF 4/2/1997		8.6	KRDSIKESF 8/6/1997
LRBORD	12.7	LRBORD 10/22/1997		3.7	LRBORD 7/17/1997
JCBORD	12.4	JCBORD 4/30/1997		3.2	JCBORD 7/17/1997
TLP3	14.2	TLP3 5/22/1997		3.6	TLP3 8/28/1997
TLPD	12.8	TLPD 4/16/1997		5.4	TLPD 5/22/1997
KSD	17.8	KSD 4/16/1997		3.8	KSD 5/22/1997
SHRA12	11.4	SHRA12 9/11/1997		7.5	SHRA12 8/6/1997
SHRHWHY5	11.6	SHRHWHY5 4/4/1997		8.3	SHRHWHY5 7/3/1997
SHRMGR	11.6	SHRMGR 4/4/1997		7.7	SHRMGR 8/6/1997
SHRM	12.3	SHRM 4/4/1997		8.3	SHRM 7/3/1997

Field Data Max-Min

		Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997	
		Max Cond		Min Cond	
Site Acronym	umhos	Site / Date	umhos	Site / Date	
KRBORD	237	KRBORD 6/18/1997	145	KRBORD 9/10/1997	
COPCO2	220	COPCO2 6/18/1997	150	COPCO2 4/30/1997	
IGRO	214	IGRO 7/2/1997	157	IGRO 4/30/1997	
KRUSCOTCR	213	KRUSCOTCR 7/2/1997	160	KRUSCOTCR 4/30/1997	
KRDSSHR	265	KRDSSHR 7/2/1997	167	KRDSSHR 4/30/1997	
KRDSBVCR	275	KRDSBVCR 7/2/1997	177	KRDSBVCR 4/30/1997	
KRDSSCTR	258	KRDSSCTR 7/2/1997	168	KRDSSCTR 4/30/1997	
KRDSELKCR	236	KRDSELKCR 7/16/1997	160	KRDSELKCR 4/30/1997	
KRDSIKESF	210	KRDSIKESF 9/24/1997	128	KRDSIKESF 4/30/1997	
LRBORD	431	LRBORD 4/2/1997	172	LRBORD 7/3/1997	
JCBORD	412	JCBORD 4/2/1997	213	JCBORD 5/22/1997	
TLP3	654	TLP3 4/16/1997	237	TLP3 7/17/1997	
TLPD	859	TLPD 5/22/1997	332	TLPD 8/6/1997	
KSD	1329	KSD 5/22/1997	462	KSD 10/8/1997	
SHRA12	524	SHRA12 4/4/1997	465	SHRA12 7/3/1997 7/16/1997	
SHRHWD5	672	SHRHWD5 9/11/1997	516	SHRHWD5 4/4/1997	
SHRMGR	629	SHRMGR 9/11/1997	496	SHRMGR 4/4/1997	
SHRM	649	SHRM 9/11/1997	503	SHRM 4/4/1997	

Unionized NH3 by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
4/30/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	0.0055
4/30/1997	13:20	COPCO2	Copco Dam outflow	0.0041
4/30/1997	14:15	IGRO	Iron Gate Dam outflow	0.0067
4/30/1997	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0083
4/30/1997	15:10	KRDSSHR	Klamath River d/s Shasta River	0.0087
4/30/1997	10:58	KRDSBVCR	Klamath River d/s Beaver Creek	0.0026
4/30/1997	12:08	KRDSSCTR	Klamath River d/s Scott River	0.0019
4/30/1997	14:09	KRDSELKCR	Klamath River d/s Elk Creek	0.0016
4/30/1997	16:02	KRDSIKESF	Klamath River at Ikes Falls	0.0021
4/30/1997	11:30	LRBORD	Lost River at stateline	0.0037
4/30/1997	12:15	JCBORD	J Canal at stateline	0.0093
4/30/1997	13:05	TLP3	Tule Lake Pump 3 (in)	0.0380
4/30/1997	14:00	TLPD	Tule Lake Pump D (out)	0.0549
4/30/1997	10:45	KSD	Klamath Straits Drain at stateline	0.0064
4/30/1997	13:30	SHRA12	Shasta River at A-12	0.0012
4/30/1997	14:45	SHRMGR	Shasta River at Mont Gren Road	0.0029
4/30/1997	15:15	SHRHWDY5	Shasta River d/s Hwy 5	0.0007
4/30/1997	15:45	SHRM	Shasta River at mouth	0.0037
6/18/1997	8:25	KRBORD	Klamath River u/s Shovel Creek	0.0040
6/18/1997	9:45	COPCO2	Copco Dam outflow	0.0087
6/18/1997	10:40	IGRO	Iron Gate Dam outflow	0.0037
6/18/1997	11:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0354
6/18/1997	12:15	KRDSSHR	Klamath River d/s Shasta River	0.0119
6/18/1997	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	0.0103
6/18/1997	11:17	KRDSSCTR	Klamath River d/s Scott River	0.0108
6/18/1997	13:00	KRDSELKCR	Klamath River d/s Elk Creek	0.0438
6/18/1997	14:28	KRDSIKESF	Klamath River at Ikes Falls	0.0539
6/18/1997	13:00	LRBORD	Lost River at stateline	0.0290
6/18/1997	12:20	JCBORD	J Canal at stateline	0.0249
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	0.0257
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	0.0834
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	0.0612
6/18/1997	15:40	SHRA12	Shasta River at A-12	0.0085
6/18/1997	14:55	SHRMGR	Shasta River at Mont Gren Road	0.0092
6/18/1997	13:55	SHRHWDY5	Shasta River d/s Hwy 5	0.0086
6/18/1997	13:10	SHRM	Shasta River at mouth	0.0203
8/6/1997	12:35	KRBORD	Klamath River u/s Shovel Creek	0.0298
8/6/1997	11:10	COPCO2	Copco Dam outflow	0.0565
8/6/1997	10:00	IGRO	Iron Gate Dam outflow	0.0300
8/6/1997	9:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0153
8/6/1997	8:45	KRDSSHR	Klamath River d/s Shasta River	0.0079
8/6/1997	9:38	KRDSBVCR	Klamath River d/s Beaver Creek	0.0305
8/6/1997	10:42	KRDSSCTR	Klamath River d/s Scott River	0.0066
8/6/1997	11:54	KRDSELKCR	Klamath River d/s Elk Creek	0.0150
8/6/1997	13:35	KRDSIKESF	Klamath River at Ikes Falls	0.0100
8/6/1997	11:00	LRBORD	Lost River at stateline	0.0042
8/6/1997	10:22	JCBORD	J Canal at stateline	0.0072
8/6/1997	12:00	TLP3	Tule Lake Pump 3 (in)	0.0093
8/6/1997	11:40	TLPD	Tule Lake Pump D (out)	0.1665
8/6/1997	12:35	KSD	Klamath Straits Drain at stateline	0.3544
8/6/1997	8:30	SHRA12	Shasta River at A-12	0.0057
8/6/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	0.0044
8/6/1997	10:00	SHRHWDY5	Shasta River d/s Hwy 5	0.0012
8/6/1997	10:35	SHRM	Shasta River at mouth	0.0009
10/8/1997	12:15	KRBORD	Klamath River u/s Shovel Creek	0.0025
10/8/1997	11:10	COPCO2	Copco Dam outflow	0.0036

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Unionized NH3 by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
10/8/1997	10:30	IGRO	Iron Gate Dam outflow	0.0023
10/8/1997	9:45	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0038
10/8/1997	8:50	KRDSSHR	Klamath River d/s Shasta River	0.0025
10/8/1997	13:41	KRDSBVCR	Klamath River d/s Beaver Creek	0.0064
10/8/1997	14:40	KRDSSCTR	Klamath River d/s Scott River	0.0070
10/8/1997	16:25	KRDSELKCR	Klamath River d/s Elk Creek	0.0085
10/8/1997	17:50	KRDSIKESF	Klamath River at Ikes Falls	0.0124
10/8/1997	10:35	LRBORD	Lost River at stateline	0.0048
10/8/1997	11:00	JCBORD	J Canal at stateline	0.0038
10/8/1997	11:30	TLP3	Tule Lake Pump 3 (in)	0.0024
10/8/1997	12:00	TLPD	Tule Lake Pump D (out)	0.1005
10/8/1997	10:00	KSD	Klamath Straits Drain at stateline	0.0355
10/8/1997	9:05	SHRA12	Shasta River at A-12	0.0017
10/8/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	0.0023
10/8/1997	10:15	SHRHwy5	Shasta River d/s Hwy 5	0.0038
10/8/1997	10:45	SHRM	Shasta River at mouth	0.0055

Unionized NH3 by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
4/30/1997	13:20	COPCO2	Copco Dam outflow	0.0041
6/18/1997	9:45	COPCO2	Copco Dam outflow	0.0087
8/6/1997	11:10	COPCO2	Copco Dam outflow	0.0565
10/8/1997	11:10	COPCO2	Copco Dam outflow	0.0036
4/30/1997	14:15	IGRO	Iron Gate Dam outflow	0.0067
6/18/1997	10:40	IGRO	Iron Gate Dam outflow	0.0037
8/6/1997	10:00	IGRO	Iron Gate Dam outflow	0.0300
10/8/1997	10:30	IGRO	Iron Gate Dam outflow	0.0023
4/30/1997	12:15	JCBORD	J Canal at stateline	0.0093
6/18/1997	12:20	JCBORD	J Canal at stateline	0.0249
8/6/1997	10:22	JCBORD	J Canal at stateline	0.0072
10/8/1997	11:00	JCBORD	J Canal at stateline	0.0038
4/30/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	0.0055
6/18/1997	8:25	KRBORD	Klamath River u/s Shovel Creek	0.0040
8/6/1997	12:35	KRBORD	Klamath River u/s Shovel Creek	0.0298
10/8/1997	12:15	KRBORD	Klamath River u/s Shovel Creek	0.0025
4/30/1997	10:58	KRDSBVCR	Klamath River d/s Beaver Creek	0.0026
6/18/1997	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	0.0103
8/6/1997	9:38	KRDSBVCR	Klamath River d/s Beaver Creek	0.0305
10/8/1997	13:41	KRDSBVCR	Klamath River d/s Beaver Creek	0.0064
4/30/1997	14:09	KRDSELKCR	Klamath River d/s Elk Creek	0.0016
6/18/1997	13:00	KRDSELKCR	Klamath River d/s Elk Creek	0.0438
8/6/1997	11:54	KRDSELKCR	Klamath River d/s Elk Creek	0.0150
10/8/1997	16:25	KRDSELKCR	Klamath River d/s Elk Creek	0.0085
4/30/1997	16:02	KRDSIKESF	Klamath River at Ikes Falls	0.0021
6/18/1997	14:28	KRDSIKESF	Klamath River at Ikes Falls	0.0539
8/6/1997	13:35	KRDSIKESF	Klamath River at Ikes Falls	0.0100
10/8/1997	17:50	KRDSIKESF	Klamath River at Ikes Falls	0.0124
4/30/1997	12:08	KRDSSCTR	Klamath River d/s Scott River	0.0019
6/18/1997	11:17	KRDSSCTR	Klamath River d/s Scott River	0.0108
8/6/1997	10:42	KRDSSCTR	Klamath River d/s Scott River	0.0066
10/8/1997	14:40	KRDSSCTR	Klamath River d/s Scott River	0.0070
4/30/1997	15:10	KRDSSHR	Klamath River d/s Shasta River	0.0087
6/18/1997	12:15	KRDSSHR	Klamath River d/s Shasta River	0.0119
8/6/1997	8:45	KRDSSHR	Klamath River d/s Shasta River	0.0079
10/8/1997	8:50	KRDSSHR	Klamath River d/s Shasta River	0.0025
4/30/1997	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0083
6/18/1997	11:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0354
8/6/1997	9:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0153
10/8/1997	9:45	KRUSCOTCR	Klamath River u/s Cottonwood Creek	0.0038
4/30/1997	10:45	KSD	Klamath Straits Drain at stateline	0.0064
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	0.0612
8/6/1997	12:35	KSD	Klamath Straits Drain at stateline	0.3544
10/8/1997	10:00	KSD	Klamath Straits Drain at stateline	0.0355
4/30/1997	11:30	LRBORD	Lost River at stateline	0.0037
6/18/1997	13:00	LRBORD	Lost River at stateline	0.0290
8/6/1997	11:00	LRBORD	Lost River at stateline	0.0042
10/8/1997	10:35	LRBORD	Lost River at stateline	0.0048
4/30/1997	13:30	SHRA12	Shasta River at A-12	0.0012
6/18/1997	15:40	SHRA12	Shasta River at A-12	0.0085
8/6/1997	8:30	SHRA12	Shasta River at A-12	0.0057
10/8/1997	9:05	SHRA12	Shasta River at A-12	0.0017
4/30/1997	15:15	SHRHWWY5	Shasta River d/s Hwy 5	0.0007
6/18/1997	13:55	SHRHWWY5	Shasta River d/s Hwy 5	0.0086
8/6/1997	10:00	SHRHWWY5	Shasta River d/s Hwy 5	0.0012

tab 25

Unionized NH3 by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	mg/L
Date	Time	Site Acronym	Location	Union NH3
10/8/1997	10:15	SHRHWY5	Shasta River d/s Hwy 5	0.0038
4/30/1997	15:45	SHRM	Shasta River at mouth	0.0037
6/18/1997	13:10	SHRM	Shasta River at mouth	0.0203
8/6/1997	10:35	SHRM	Shasta River at mouth	0.0009
10/8/1997	10:45	SHRM	Shasta River at mouth	0.0055
4/30/1997	14:45	SHRMGR	Shasta River at Mont Gren Road	0.0029
6/18/1997	14:55	SHRMGR	Shasta River at Mont Gren Road	0.0092
8/6/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	0.0044
10/8/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	0.0023
4/30/1997	13:05	TLP3	Tule Lake Pump 3 (in)	0.0380
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	0.0257
8/6/1997	12:00	TLP3	Tule Lake Pump 3 (in)	0.0093
10/8/1997	11:30	TLP3	Tule Lake Pump 3 (in)	0.0024
4/30/1997	14:00	TLPD	Tule Lake Pump D (out)	0.0549
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	0.0834
8/6/1997	11:40	TLPD	Tule Lake Pump D (out)	0.1665
10/8/1997	12:00	TLPD	Tule Lake Pump D (out)	0.1005

Klam Falls - Tule by date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997				C	pH	mg/L	umhos	6.5 to 25.5	7.5 to 10.1	3.2 to 17.8	172 to 1329
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond							
4/2/1997	13:05	LRBORD	Lost River at stateline	10.6	9.0	11.3	431			25.5	10.1	17.8		
4/2/1997	12:50	JCBORD	J Canal at stateline	8.4	9.1	10.1	412			23.5	10	14.2		
4/2/1997	14:06	TLP3	Tule Lake Pump 3 (in)	9.3	8.9	11.2	648			23.4	9.9	12.8		
4/2/1997	14:20	TLPD	Tule Lake Pump D (out)	11.1	9.3	11.0	737			23.2	9.9	12.7		
4/2/1997	12:05	KSD	Klamath Straits Drain at stateline	6.5	8.9	10.1	974			23.1	9.9	12.6		1329
4/16/1997	12:50	LRBORD	Lost River at stateline	12.1	8.6	11.2	255			23	9.8	12.4		1263
4/16/1997	12:30	JCBORD	J Canal at stateline	11.7	8.6	9.5	347			22.7	9.8	11.3		1246
4/16/1997	11:10	TLP3	Tule Lake Pump 3 (in)	11.6	8.3	9.8	654			22.1	9.7	11.2		974
4/16/1997	10:35	TLPD	Tule Lake Pump D (out)	13.3	9.0	12.8	791			22.1	9.6	11.2		933
4/16/1997	13:40	KSD	Klamath Straits Drain at stateline	15.0	8.8	17.8	848			22.1	9.5	11.2		859
4/30/1997	11:30	LRBORD	Lost River at stateline	12.1	8.9	10.5	293			22	9.5	11		852
4/30/1997	12:15	JCBORD	J Canal at stateline	12.5	8.5	12.4	329			21.9	9.5	11		848
4/30/1997	13:05	TLP3	Tule Lake Pump 3 (in)	14.2	8.6	12.6	468			21.8	9.3	10.8		791
4/30/1997	14:00	TLPD	Tule Lake Pump D (out)	12.4	9.1	10.8	791			21.7	9.2	10.8		791
4/30/1997	10:45	KSD	Klamath Straits Drain at stateline	12.1	9.2	7.5	852			21.6	9.1	10.5		766
5/22/1997	12:00	LRBORD	Lost River at stateline	18.5	8.5	9.9	203			21.3	9.1	10.4		763
5/22/1997	11:40	JCBORD	J Canal at stateline	18.9	8.0	6.9	213			21.3	9.1	10.1		737
5/22/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	8.5	14.2	440			20.9	9.1	10.1		716
5/22/1997	10:35	TLPD	Tule Lake Pump D (out)	16.9	9.1	5.4	859			20.7	9.1	9.9		713
5/22/1997	13:25	KSD	Klamath Straits Drain at stateline	20.1	8.5	3.8	1329			20.6	9	9.8		701
6/5/1997	11:30	LRBORD	Lost River at stateline	16.5	8.8	10.4	265			20.1	9	9.6		698
6/5/1997	12:00	JCBORD	J Canal at stateline	17.8	9.0	10.8	242			20.1	9	9.5		657
6/5/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	7.9	5.6	409			20	9	9.5		654
6/5/1997	10:30	TLPD	Tule Lake Pump D (out)	15.1	9.5	8.6	583			19.6	8.9	9.3		648
6/5/1997	13:40	KSD	Klamath Straits Drain at stateline	20.0	8.7	8.5	1263			19.3	8.9	9.2		594
6/18/1997	13:00	LRBORD	Lost River at stateline	20.6	8.3	6.7	218			19	8.9	8.7		583
6/18/1997	12:20	JCBORD	J Canal at stateline	20.7	8.9	7.0	244			19	8.9	8.6		568
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	21.3	8.9	11.2	446			18.9	8.9	8.6		533
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	20.1	10.1	7.6	657			18.9	8.8	8.5		527
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	23.2	9.5	7.6	933			18.5	8.8	8.5		522
7/3/1997	10:40	LRBORD	Lost River at stateline	18.5	8.3	5.8	172			18.5	8.8	8.2		519
7/3/1997	11:00	JCBORD	J Canal at stateline	19.6	8.0	5.3	228			18.5	8.8	8.1		515
7/3/1997	10:00	TLP3	Tule Lake Pump 3 (in)	19.3	7.5	4.9	293			18.2	8.7	7.8		468
7/3/1997	9:40	TLPD	Tule Lake Pump D (out)	18.9	9.9	8.5	519			17.9	8.6	7.8		462
7/3/1997	11:50	KSD	Klamath Straits Drain at stateline	22.1	9.1	9.5	1246			17.8	8.6	7.8		446
7/17/1997	9:30	LRBORD	Lost River at stateline	20.9	7.9	3.7	213			17.6	8.6	7.6		440
7/17/1997	10:00	JCBORD	J Canal at stateline	21.9	7.9	3.2	221			17.6	8.6	7.6		432
7/17/1997	10:50	TLP3	Tule Lake Pump 3 (in)	22.1	7.8	5.4	237			17.3	8.6	7.6		431
7/17/1997	10:30	TLPD	Tule Lake Pump D (out)	21.3	10.0	6.2	432			17.2	8.5	7.5		420
7/17/1997	11:20	KSD	Klamath Straits Drain at stateline	23.5	9.7	6.6	533			17.2	8.5	7.5		412
7/31/1997	12:50	LRBORD	Lost River at stateline	22.1	7.6	5.8	196			17.1	8.5	7.5		409
7/31/1997	12:30	JCBORD	J Canal at stateline	21.8	7.6	4.3	257			16.9	8.5	7.3		382
7/31/1997	11:55	TLP3	Tule Lake Pump 3 (in)	21.7	7.8	7.5	310			16.8	8.5	7.1		352
7/31/1997	11:35	TLPD	Tule Lake Pump D (out)	21.6	9.8	6.5	336			16.7	8.5	7		350
7/31/1997	11:00	KSD	Klamath Straits Drain at stateline	22.0	9.5	9.6	713			16.7	8.3	6.9		347
8/6/1997	11:00	LRBORD	Lost River at stateline	23.0	7.6	6.1	198			16.5	8.3	6.9		336
8/6/1997	10:22	JCBORD	J Canal at stateline	23.1	7.9	4.0	306			15.8	8.3	6.7		334

tab 26

Shasta by date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/4/1997	9:35	SHRA12	Shasta River at A-12	10.0	8.3	10.6	524	
4/4/1997	10:05	SHRMGR	Shasta River at Mont Gren Road	10.4	8.5	11.6	496	
4/4/1997	10:40	SHRHWW5	Shasta River d/s Hwy 5	10.8	8.4	11.6	516	
4/4/1997	11:35	SHRM	Shasta River at mouth	11.3	8.9	12.3	503	
4/16/1997	10:28	SHRA12	Shasta River at A-12	14.4	7.9	9.0	495	
4/16/1997	10:50	SHRMGR	Shasta River at Mont Gren Road	13.5	8.1	10.2	570	
4/16/1997	11:27	SHRHWW5	Shasta River d/s Hwy 5	13.6	8.3	9.8	602	
4/16/1997	11:50	SHRM	Shasta River at mouth	13.6	8.7	10.4	576	
4/30/1997	13:30	SHRA12	Shasta River at A-12	15.7	7.5	9.6	506	
4/30/1997	14:45	SHRMGR	Shasta River at Mont Gren Road	17.0	7.9	9.6	550	
4/30/1997	15:15	SHRHWW5	Shasta River d/s Hwy 5	16.0	8.0	10.4	571	
4/30/1997	15:45	SHRM	Shasta River at mouth	17.2	8.4	9.2	565	
5/21/1997	11:46	SHRA12	Shasta River at A-12	15.1	8.3	9.5	484	
5/21/1997	12:40	SHRMGR	Shasta River at Mont Gren Road	17.4	8.3	11.1	589	
5/21/1997	13:05	SHRHWW5	Shasta River d/s Hwy 5	17.2	8.3	10.4	640	
5/21/1997	13:30	SHRM	Shasta River at mouth	18.2	8.7	10.2	588	
6/5/1997	14:36	SHRA12	Shasta River at A-12	18.3	8.3	9.7	503	
6/5/1997	14:14	SHRMGR	Shasta River at Mont Gren Road	19.3	8.4	9.2	602	
6/5/1997	13:52	SHRHWW5	Shasta River d/s Hwy 5	18.5	8.3	8.7	615	
6/5/1997	13:29	SHRM	Shasta River at mouth	20.0	8.6	9.0	610	
6/18/1997	15:40	SHRA12	Shasta River at A-12	22.3	8.3	10.4	494	
6/18/1997	14:55	SHRMGR	Shasta River at Mont Gren Road	23.4	8.3	9.4	543	
6/18/1997	13:55	SHRHWW5	Shasta River d/s Hwy 5	22.5	8.3	9.7	586	
6/18/1997	13:10	SHRM	Shasta River at mouth	23.5	8.7	9.3	551	
7/3/1997	11:38	SHRA12	Shasta River at A-12	18.5	8.0	8.5	465	
7/3/1997	11:58	SHRMGR	Shasta River at Mont Gren Road	20.1	8.1	8.4	534	
7/3/1997	12:27	SHRHWW5	Shasta River d/s Hwy 5	19.9	8.1	8.3	572	
7/3/1997	12:47	SHRM	Shasta River at mouth	21.9	8.5	8.3	583	
7/16/1997	17:02	SHRA12	Shasta River at A-12	22.3	8.3	9.4	465	
7/16/1997	17:00	SHRMGR	Shasta River at Mont Gren Road	24.7	8.5	10.2	556	
7/16/1997	16:40	SHRHWW5	Shasta River d/s Hwy 5	25.2	8.4	9.3	603	
7/16/1997	16:00	SHRM	Shasta River at mouth	26.5	8.6	8.4	579	
7/31/1997	11:47	SHRA12	Shasta River at A-12	19.8	8.2	9.8	521	
7/31/1997	12:08	SHRMGR	Shasta River at Mont Gren Road	21.1	8.3	9.8	614	
7/31/1997	12:44	SHRHWW5	Shasta River d/s Hwy 5	22.1	8.3	9.2	645	
7/31/1997	13:23	SHRM	Shasta River at mouth	24.5	8.8	9.1	614	
8/6/1997	8:30	SHRA12	Shasta River at A-12	19.9		7.5	519	
8/6/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	21.5		7.7	571	
8/6/1997	10:00	SHRHWW5	Shasta River d/s Hwy 5	22.7		9.9	644	
8/6/1997	10:35	SHRM	Shasta River at mouth	23.1		10.2	630	
8/28/1997	14:15	SHRA12	Shasta River at A-12	18.7	8.2	10.7	470	
8/28/1997	14:50	SHRMGR	Shasta River at Mont Gren Road	20.4	8.2	9.6	541	
8/28/1997	15:15	SHRHWW5	Shasta River d/s Hwy 5	20.2	8.2	9.3	585	
8/28/1997	15:35	SHRM	Shasta River at mouth	22.8	8.7	8.8	578	
9/11/1997	15:05	SHRA12	Shasta River at A-12	19.4	8.4	11.4	488	
9/11/1997	15:24	SHRMGR	Shasta River at Mont Gren Road	20.5	8.4	10.2	629	
9/11/1997	16:00	SHRHWW5	Shasta River d/s Hwy 5	19.8	8.4	9.7	672	
9/11/1997	16:25	SHRM	Shasta River at mouth	20.9	8.8	8.8	649	
9/25/1997	16:05	SHRA12	Shasta River at A-12	16.1	8.3	10.2	488	
9/25/1997	15:41	SHRMGR	Shasta River at Mont Gren Road	17.6	8.3	9.4	550	

Tab 27

9/25/1997	14:40	SHRHWY5	Shasta River d/s Hwy 5	17.8	8.4	10.1	622
9/25/1997	14:10	SHRM	Shasta River at mouth	18.8	8.7	9.7	636
10/8/1997	9:05	SHRA12	Shasta River at A-12	11.1	7.7	8.6	483
10/8/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	10.9	7.9	8.8	547
10/8/1997	10:15	SHRHWY5	Shasta River d/s Hwy 5	11.2	8.1	9.2	572
10/8/1997	10:45	SHRM	Shasta River at mouth	11.2	8.3	9.9	569

Mainstem by Date

Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos		
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond		
4/2/1997	14:45	KRBORD	Klamath River u/s Shovel Creek	10.8	7.5	9.8	154		
4/2/1997	13:40	COPCO2	Copco Dam outflow	10.9	7.8	9.2	172		
4/2/1997	13:00	IGRO	Iron Gate Dam outflow	10.8	8.0	10.2	179		
4/2/1997	12:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	11.3	8.4	11.4	181		
4/2/1997	11:45	KRDSSHR	Klamath River d/s Shasta River	10.5	8.3	11.2	197		
4/2/1997	12:35	KRDSBVCR	Klamath River d/s Beaver Creek	9.7	8.1	10.7	211		
4/2/1997	13:25	KRDSSCTR	Klamath River d/s Scott River	9.3	8.1	12.2	205		
4/2/1997	14:58	KRDSELKCR	Klamath River d/s Elk Creek	10.0	8.2	12.5	192		
4/2/1997	16:22	KRDSIKESF	Klamath River at Ikes Falls	9.5	7.9	12.4	158		
4/17/1997	10:25	KRBORD	Klamath River u/s Shovel Creek	11.0	8.1	10.6	180		
4/17/1997	9:50	COPCO2	Copco Dam outflow	10.8	7.8	9.5	164		
4/17/1997	9:07	IGRO	Iron Gate Dam outflow	10.6	8.1	10.0	165		
4/17/1997	8:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	10.1	8.2	11.1	169		
4/17/1997	8:10	KRDSSHR	Klamath River d/s Shasta River	9.9	8.0	10.2	197		
4/17/1997	10:06	KRDSBVCR	Klamath River d/s Beaver Creek	10.6	7.7	10.6	207		
4/17/1997	10:58	KRDSSCTR	Klamath River d/s Scott River	10.6	8.2	10.6	206		
4/17/1997	12:21	KRDSELKCR	Klamath River d/s Elk Creek	11.0	8.1	11.0	196		
4/17/1997	14:10	KRDSIKESF	Klamath River at Ikes Falls	11.0	7.9	11.0	155		
4/30/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	12.5	8.0	9.5	152		
4/30/1997	13:20	COPCO2	Copco Dam outflow	12.8	8.0	9.4	150		
4/30/1997	14:15	IGRO	Iron Gate Dam outflow	13.2	8.1	9.5	157		
4/30/1997	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	13.4	8.3	10.0	160		
4/30/1997	15:10	KRDSSHR	Klamath River d/s Shasta River	13.4	8.3	9.5	167		
4/30/1997	10:58	KRDSBVCR	Klamath River d/s Beaver Creek	12.3	7.8	9.9	177		
4/30/1997	12:08	KRDSSCTR	Klamath River d/s Scott River	12.0	7.9	9.9	168		
4/30/1997	14:09	KRDSELKCR	Klamath River d/s Elk Creek	12.9	7.8	10.3	160		
4/30/1997	16:02	KRDSIKESF	Klamath River at Ikes Falls	12.2	7.9	11.4	128		
5/21/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	16.4	8.5	10.1	184		
5/21/1997	10:00	COPCO2	Copco Dam outflow	18.2	8.5	8.6	178		
5/21/1997	8:50	IGRO	Iron Gate Dam outflow	17.7	8.7	8.9	176		
5/21/1997	8:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.7	8.5	9.0	177		
5/21/1997	7:50	KRDSSHR	Klamath River d/s Shasta River	16.2	8.3	8.6	191		
5/21/1997	11:40	KRDSBVCR	Klamath River d/s Beaver Creek	16.5	8.4	9.3	198		
5/21/1997	12:15	KRDSSCTR	Klamath River d/s Scott River	16.7	8.4	9.3	179		
5/21/1997	13:20	KRDSELKCR	Klamath River d/s Elk Creek	17.9	8.3	10.2	174		
5/21/1997	14:20	KRDSIKESF	Klamath River at Ikes Falls	17.0	8.3	10.0	142		
6/4/1997	11:20	KRBORD	Klamath River u/s Shovel Creek	16.2	8.6	10.6	199		
6/4/1997	10:10	COPCO2	Copco Dam outflow	18.0	8.0	7.8	186		
6/4/1997	9:15	IGRO	Iron Gate Dam outflow	18.1	8.0	8.6	181		
6/4/1997	8:50	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.3	8.3	10.2	191		
6/4/1997	8:20	KRDSSHR	Klamath River d/s Shasta River	16.7	8.0	8.6	215		
6/4/1997	12:31	KRDSBVCR	Klamath River d/s Beaver Creek	17.3	8.2	9.1	217		
6/4/1997	13:18	KRDSSCTR	Klamath River d/s Scott River	15.7	8.5	9.3	198		
6/4/1997	15:00	KRDSELKCR	Klamath River d/s Elk Creek	17.9	8.5	9.7	193		
6/4/1997	16:15	KRDSIKESF	Klamath River at Ikes Falls	15.1	8.2	9.8	135		
6/18/1997	8:25	KRBORD	Klamath River u/s Shovel Creek	17.4	8.1	8.6	237		

Feb 28

Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997	C	pH	mg/L	umhos		
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond		
6/18/1997	9:45	COPCO2	Copco Dam outflow	19.4	8.4	8.1	220		
6/18/1997	10:40	IGRO	Iron Gate Dam outflow	19.5	8.0	8.6	196		
6/18/1997	11:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.3	9.1	12.8	189		
6/18/1997	12:15	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.5	228		
6/18/1997	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	18.9	8.5	9.2	229		
6/18/1997	11:17	KRDSSCTR	Klamath River d/s Scott River	19.6	8.5	9.1	224		
6/18/1997	13:00	KRDSELKCR	Klamath River d/s Elk Creek	21.8	8.4	9.4	214		
6/18/1997	14:28	KRDSIKESF	Klamath River at Ikes Falls	21.5	8.4	9.0	177		
7/2/1997	11:35	KRBORD	Klamath River u/s Shovel Creek	17.4	8.5	10.4	173		
7/2/1997	9:55	COPCO2	Copco Dam outflow	18.5	8.2	7.7	215		
7/2/1997	8:45	IGRO	Iron Gate Dam outflow	18.9	8.4	9.5	214		
7/2/1997	8:10	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.9	8.3	10.4	213		
7/2/1997	7:35	KRDSSHR	Klamath River d/s Shasta River	17.3	8.0	8.4	265		
7/2/1997	12:19	KRDSBVCR	Klamath River d/s Beaver Creek	19.5	8.4	9.3	275		
7/2/1997	12:50	KRDSSCTR	Klamath River d/s Scott River	19.8	8.4	9.3	258		
7/2/1997	13:53	KRDSELKCR	Klamath River d/s Elk Creek	20.7	8.4	9.1	234		
7/2/1997	14:51	KRDSIKESF	Klamath River at Ikes Falls	20.0	8.5	9.2	188		
7/16/1997	11:56	KRBORD	Klamath River u/s Shovel Creek	18.2	8.8	9.2	155		
7/16/1997	10:20	COPCO2	Copco Dam outflow	20.8	9.2	9.2	196		
7/16/1997	9:40	IGRO	Iron Gate Dam outflow	20.5	8.3	8.2	210		
7/16/1997	13:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	23.9	9.3	14.2	205		
7/16/1997	14:05	KRDSSHR	Klamath River d/s Shasta River	22.9	8.7	9.4	221		
7/16/1997	13:40	KRDSBVCR	Klamath River d/s Beaver Creek	23.2	9.0	10.0	226		
7/16/1997	12:42	KRDSSCTR	Klamath River d/s Scott River	23.2	8.8	9.1	239		
7/16/1997	11:30	KRDSELKCR	Klamath River d/s Elk Creek	23.4	8.6	8.6	236		
7/16/1997	10:00	KRDSIKESF	Klamath River at Ikes Falls	21.7	8.4	9.2	202		
7/30/1997	11:20	KRBORD	Klamath River u/s Shovel Creek	19.6	8.4	9.2	173		
7/30/1997	10:05	COPCO2	Copco Dam outflow	21.2	8.9	7.4	174		
7/30/1997	9:30	IGRO	Iron Gate Dam outflow	21.4	8.4	7.3	189		
7/30/1997	8:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.1	8.0	8.0	189		
7/30/1997	8:00	KRDSSHR	Klamath River d/s Shasta River	20.0	7.7	7.6	212		
7/30/1997	11:59	KRDSBVCR	Klamath River d/s Beaver Creek	21.5	8.5	9.0	213		
7/30/1997	12:42	KRDSSCTR	Klamath River d/s Scott River	22.2	8.5	8.9	225		
7/30/1997	14:00	KRDSELKCR	Klamath River d/s Elk Creek	22.5	8.6	10.7	224		
7/30/1997	15:22	KRDSIKESF	Klamath River at Ikes Falls	24.0	8.1	8.8	197		
8/6/1997	12:35	KRBORD	Klamath River u/s Shovel Creek	21.7	8.5	8.7	170		
8/6/1997	11:10	COPCO2	Copco Dam outflow	22.9	8.8	8.0	184		
8/6/1997	10:00	IGRO	Iron Gate Dam outflow	22.6	8.4	6.8	180		
8/6/1997	9:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	22.2	8.3	8.7	179		
8/6/1997	8:45	KRDSSHR	Klamath River d/s Shasta River	21.7	7.9	7.2	191		
8/6/1997	9:38	KRDSBVCR	Klamath River d/s Beaver Creek	22.7	8.2	7.9	205		
8/6/1997	10:42	KRDSSCTR	Klamath River d/s Scott River	23.3	8.2	7.9	216		
8/6/1997	11:54	KRDSELKCR	Klamath River d/s Elk Creek	25.3	8.6	8.9	215		
8/6/1997	13:35	KRDSIKESF	Klamath River at Ikes Falls	24.7	8.3	8.6	203		
8/27/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	18.6	8.5	9.2	154		
8/27/1997	10:10	COPCO2	Copco Dam outflow	20.5	8.0	7.8	172		

Mainstem by Date

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos			
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond				
8/27/1997	9:15	IGRO	Iron Gate Dam outflow	20.9	8.5	7.8	183				
8/27/1997	8:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	19.2	8.2	7.7	184				
8/27/1997	8:00	KRDSSHR	Klamath River d/s Shasta River	19.4	8.0	7.5	215				
8/27/1997	13:25	KRDSBVCR	Klamath River d/s Beaver Creek	20.5	8.0	8.8	227				
8/27/1997	13:57	KRDSSCTR	Klamath River d/s Scott River	21.2	8.4	9.0	219				
8/27/1997	15:30	KRDSELKCR	Klamath River d/s Elk Creek	22.2	8.2	11.0	217				
8/27/1997	16:30	KRDSIKESF	Klamath River at Ikes Falls	21.7	8.0	9.5	200				
9/10/1997	11:50	KRBORD	Klamath River u/s Shovel Creek	16.8	8.4	8.4	145				
9/10/1997	10:45	COPCO2	Copco Dam outflow	20.2	7.8	7.8	160				
9/10/1997	9:40	IGRO	Iron Gate Dam outflow	20.7	8.3	8.0	175				
9/10/1997	9:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	19.6	8.3	8.9	174				
9/10/1997	8:40	KRDSSHR	Klamath River d/s Shasta River	19.0	7.9	7.8	187				
9/10/1997	10:00	KRDSBVCR	Klamath River d/s Beaver Creek	19.4	7.9	8.5	202				
9/10/1997	10:30	KRDSSCTR	Klamath River d/s Scott River	19.1	8.3	8.4	208				
9/10/1997	12:08	KRDSELKCR	Klamath River d/s Elk Creek	20.9	8.4	9.8	210				
9/10/1997	14:00	KRDSIKESF	Klamath River at Ikes Falls	20.9	8.4	9.7	200				
9/24/1997	11:35	KRBORD	Klamath River u/s Shovel Creek	15.0	8.4	9.7	176				
9/24/1997	10:35	COPCO2	Copco Dam outflow	17.4	7.8	6.1	162				
9/24/1997	9:35	IGRO	Iron Gate Dam outflow	18.4	8.0	7.2	175				
9/24/1997	9:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.0	8.1	8.7	174				
9/24/1997	8:20	KRDSSHR	Klamath River d/s Shasta River	16.6	8.1	8.1	203				
9/24/1997	14:25	KRDSBVCR	Klamath River d/s Beaver Creek	18.9	8.5	9.4	213				
9/24/1997	14:55	KRDSSCTR	Klamath River d/s Scott River	19.6	8.5	9.4	220				
9/24/1997	15:50	KRDSELKCR	Klamath River d/s Elk Creek	20.5	8.7	10.2	220				
9/24/1997	16:40	KRDSIKESF	Klamath River at Ikes Falls	19.9	8.6	10.4	210				
10/8/1997	12:15	KRBORD	Klamath River u/s Shovel Creek	11.0	8.2	10.2	168				
10/8/1997	11:10	COPCO2	Copco Dam outflow	13.9	7.7	6.8	198				
10/8/1997	10:30	IGRO	Iron Gate Dam outflow	15.8	7.7	6.7	174				
10/8/1997	9:45	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.1	7.9	8.6	175				
10/8/1997	8:50	KRDSSHR	Klamath River d/s Shasta River	14.7	7.9	8.6	226				
10/8/1997	13:41	KRDSBVCR	Klamath River d/s Beaver Creek	14.5	8.2	9.8	224				
10/8/1997	14:40	KRDSSCTR	Klamath River d/s Scott River	14.8	8.4	10.0	231				
10/8/1997	16:25	KRDSELKCR	Klamath River d/s Elk Creek	14.5	8.6	9.9	220				
10/8/1997	17:50	KRDSIKESF	Klamath River at Ikes Falls	13.8	8.4	9.6	187				
10/24/1997		KRBORD									
10/24/1997		COPCO2									
10/24/1997		IGRO									
10/24/1997		KRUSCOTCR									
10/24/1997		KRDSSHR									
10/24/1997	9:30	KRDSBVCR	Klamath River d/s Beaver Creek	10.6	7.9	10.2	219				
10/24/1997	10:20	KRDSSCTR	Klamath River d/s Scott River	11.2	8.1	10.0	225				
10/24/1997	11:35	KRDSELKCR	Klamath River d/s Elk Creek	11.9	8.2	11.1	228				
10/24/1997	13:00	KRDSIKESF	Klamath River at Ikes Falls	12.0	8.2	11.3	209				

Mainstem by Date

Project: NCRWQCB 104(b) Grant					
Date	Time	Site Acronym			
4/2/1997	14:45	KRBORD			
4/2/1997	13:40	COPCO2			
4/2/1997	13:00	IGRO			
4/2/1997	12:25	KRUSCOTCR			
4/2/1997	11:45	KRDSSHR			
4/2/1997	12:35	KRDSBVCR			
4/2/1997	13:25	KRDSSCTR			
4/2/1997	14:58	KRDSELKCR			
4/2/1997	16:22	KRDSIKESF			
4/17/1997	10:25	KRBORD			
4/17/1997	9:50	COPCO2			
4/17/1997	9:07	IGRO			
4/17/1997	8:35	KRUSCOTCR			
4/17/1997	8:10	KRDSSHR			
4/17/1997	10:06	KRDSBVCR			
4/17/1997	10:58	KRDSSCTR			
4/17/1997	12:21	KRDSELKCR			
4/17/1997	14:10	KRDSIKESF			
4/30/1997	11:00	KRBORD			
4/30/1997	13:20	COPCO2			
4/30/1997	14:15	IGRO			
4/30/1997	14:40	KRUSCOTCR			
4/30/1997	15:10	KRDSSHR			
4/30/1997	10:58	KRDSBVCR			
4/30/1997	12:08	KRDSSCTR			
4/30/1997	14:09	KRDSELKCR			
4/30/1997	16:02	KRDSIKESF			
5/21/1997	11:00	KRBORD			
5/21/1997	10:00	COPCO2			
5/21/1997	8:50	IGRO			
5/21/1997	8:25	KRUSCOTCR			
5/21/1997	7:50	KRDSSHR			
5/21/1997	11:40	KRDSBVCR			
5/21/1997	12:15	KRDSSCTR			
5/21/1997	13:20	KRDSELKCR			
5/21/1997	14:20	KRDSIKESF			
6/4/1997	11:20	KRBORD			
6/4/1997	10:10	COPCO2			
6/4/1997	9:15	IGRO			
6/4/1997	8:50	KRUSCOTCR			
6/4/1997	8:20	KRDSSHR			
6/4/1997	12:31	KRDSBVCR			
6/4/1997	13:18	KRDSSCTR			
6/4/1997	15:00	KRDSELKCR			
6/4/1997	16:15	KRDSIKESF			
6/18/1997	8:25	KRBORD			

Mainstem by Date

Project: NCRWQCB 104(b) Grant						
Date	Time	Site Acronym				
6/18/1997	9:45	COPCO2				
6/18/1997	10:40	IGRO				
6/18/1997	11:40	KRUSCOTCR				
6/18/1997	12:15	KRDSSHR				
6/18/1997	10:30	KRDSBVCR				
6/18/1997	11:17	KRDSSCTR				
6/18/1997	13:00	KRDSELKCR				
6/18/1997	14:28	KRDSIKESF				
7/2/1997	11:35	KRBORD				
7/2/1997	9:55	COPCO2				
7/2/1997	8:45	IGRO				
7/2/1997	8:10	KRUSCOTCR				
7/2/1997	7:35	KRDSSHR				
7/2/1997	12:19	KRDSBVCR				
7/2/1997	12:50	KRDSSCTR				
7/2/1997	13:53	KRDSELKCR				
7/2/1997	14:51	KRDSIKESF				
7/16/1997	11:56	KRBORD				
7/16/1997	10:20	COPCO2				
7/16/1997	9:40	IGRO				
7/16/1997	13:40	KRUSCOTCR				
7/16/1997	14:05	KRDSSHR				
7/16/1997	13:40	KRDSBVCR				
7/16/1997	12:42	KRDSSCTR				
7/16/1997	11:30	KRDSELKCR				
7/16/1997	10:00	KRDSIKESF				
7/30/1997	11:20	KRBORD				
7/30/1997	10:05	COPCO2				
7/30/1997	9:30	IGRO				
7/30/1997	8:35	KRUSCOTCR				
7/30/1997	8:00	KRDSSHR				
7/30/1997	11:59	KRDSBVCR				
7/30/1997	12:42	KRDSSCTR				
7/30/1997	14:00	KRDSELKCR				
7/30/1997	15:22	KRDSIKESF				
8/6/1997	12:35	KRBORD				
8/6/1997	11:10	COPCO2				
8/6/1997	10:00	IGRO				
8/6/1997	9:25	KRUSCOTCR				
8/6/1997	8:45	KRDSSHR				
8/6/1997	9:38	KRDSBVCR				
8/6/1997	10:42	KRDSSCTR				
8/6/1997	11:54	KRDSELKCR				
8/6/1997	13:35	KRDSIKESF				
8/27/1997	11:00	KRBORD				
8/27/1997	10:10	COPCO2				

Mainstem by Date

Project: NCRWQCB 104(b) Grant			
Date	Time	Site Acronym	
8/27/1997	9:15	IGRO	
8/27/1997	8:40	KRUSCOTCR	
8/27/1997	8:00	KRDSSHR	
8/27/1997	13:25	KRDSBVCR	
8/27/1997	13:57	KRDSSCTR	
8/27/1997	15:30	KRDSELKCR	
8/27/1997	16:30	KRDSIKESF	
9/10/1997	11:50	KRBORD	
9/10/1997	10:45	COPCO2	
9/10/1997	9:40	IGRO	
9/10/1997	9:20	KRUSCOTCR	
9/10/1997	8:40	KRDSSHR	
9/10/1997	10:00	KRDSBVCR	
9/10/1997	10:30	KRDSSCTR	
9/10/1997	12:08	KRDSELKCR	
9/10/1997	14:00	KRDSIKESF	
9/24/1997	11:35	KRBORD	
9/24/1997	10:35	COPCO2	
9/24/1997	9:35	IGRO	
9/24/1997	9:20	KRUSCOTCR	
9/24/1997	8:20	KRDSSHR	
9/24/1997	14:25	KRDSBVCR	
9/24/1997	14:55	KRDSSCTR	
9/24/1997	15:50	KRDSELKCR	
9/24/1997	16:40	KRDSIKESF	
10/8/1997	12:15	KRBORD	
10/8/1997	11:10	COPCO2	
10/8/1997	10:30	IGRO	
10/8/1997	9:45	KRUSCOTCR	
10/8/1997	8:50	KRDSSHR	
10/8/1997	13:41	KRDSBVCR	
10/8/1997	14:40	KRDSSCTR	
10/8/1997	16:25	KRDSELKCR	
10/8/1997	17:50	KRDSIKESF	
10/24/1997		KRBORD	
10/24/1997		COPCO2	
10/24/1997		IGRO	
10/24/1997		KRUSCOTCR	
10/24/1997		KRDSSHR	
10/24/1997	9:30	KRDSBVCR	
10/24/1997	10:20	KRDSSCTR	
10/24/1997	11:35	KRDSELKCR	
10/24/1997	13:00	KRDSIKESF	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
4/2/1997	13:40	COPCO2	Copco Dam outflow	10.9	7.8	9.2	172	
4/17/1997	9:50	COPCO2	Copco Dam outflow	10.8	7.8	9.5	164	
4/30/1997	13:20	COPCO2	Copco Dam outflow	12.8	8.0	9.4	150	
5/21/1997	10:00	COPCO2	Copco Dam outflow	18.2	8.5	8.6	178	
6/4/1997	10:10	COPCO2	Copco Dam outflow	18.0	8.0	7.8	186	
6/18/1997	9:45	COPCO2	Copco Dam outflow	19.4	8.4	8.1	220	
7/2/1997	9:55	COPCO2	Copco Dam outflow	18.5	8.2	7.7	215	
7/16/1997	10:20	COPCO2	Copco Dam outflow	20.8	9.2	9.2	196	
7/30/1997	10:05	COPCO2	Copco Dam outflow	21.2	8.9	7.4	174	
8/6/1997	11:10	COPCO2	Copco Dam outflow	22.9	8.8	8.0	184	
8/27/1997	10:10	COPCO2	Copco Dam outflow	20.5	8.0	7.8	172	
9/10/1997	10:45	COPCO2	Copco Dam outflow	20.2	7.8	7.8	160	
9/24/1997	10:35	COPCO2	Copco Dam outflow	17.4	7.8	6.1	162	
10/8/1997	11:10	COPCO2	Copco Dam outflow	13.9	7.7	6.8	198	
4/2/1997	13:00	IGRO	Iron Gate Dam outflow	10.8	8.0	10.2	179	
4/17/1997	9:07	IGRO	Iron Gate Dam outflow	10.6	8.1	10.0	165	
4/30/1997	14:15	IGRO	Iron Gate Dam outflow	13.2	8.1	9.5	157	
5/21/1997	8:50	IGRO	Iron Gate Dam outflow	17.7	8.7	8.9	176	
6/4/1997	9:15	IGRO	Iron Gate Dam outflow	18.1	8.0	8.6	181	
6/18/1997	10:40	IGRO	Iron Gate Dam outflow	19.5	8.0	8.6	196	
7/2/1997	8:45	IGRO	Iron Gate Dam outflow	18.9	8.4	9.5	214	
7/16/1997	9:40	IGRO	Iron Gate Dam outflow	20.5	8.3	8.2	210	
7/30/1997	9:30	IGRO	Iron Gate Dam outflow	21.4	8.4	7.3	189	
8/6/1997	10:00	IGRO	Iron Gate Dam outflow	22.6	8.4	6.8	180	
8/27/1997	9:15	IGRO	Iron Gate Dam outflow	20.9	8.5	7.8	183	
9/10/1997	9:40	IGRO	Iron Gate Dam outflow	20.7	8.3	8.0	175	
9/17/1997	13:40	IGRO	Iron Gate Dam outflow	19.2	7.9	7.4	175	
9/24/1997	9:35	IGRO	Iron Gate Dam outflow	18.4	8.0	7.2	175	
10/8/1997	10:30	IGRO	Iron Gate Dam outflow	15.8	7.7	6.7	174	
4/2/1997	12:50	JCBORD	J Canal at stateline	8.4	9.1	10.1	412	
4/16/1997	12:30	JCBORD	J Canal at stateline	11.7	8.6	9.5	347	
4/30/1997	12:15	JCBORD	J Canal at stateline	12.5	8.5	12.4	329	
5/22/1997	11:40	JCBORD	J Canal at stateline	18.9	8.0	6.9	213	
6/5/1997	12:00	JCBORD	J Canal at stateline	17.8	9.0	10.8	242	
6/18/1997	12:20	JCBORD	J Canal at stateline	20.7	8.9	7.0	244	
7/3/1997	11:00	JCBORD	J Canal at stateline	19.6	8.0	5.3	228	
7/17/1997	10:00	JCBORD	J Canal at stateline	21.9	7.9	3.2	221	
7/31/1997	12:30	JCBORD	J Canal at stateline	21.8	7.6	4.3	257	
8/6/1997	10:22	JCBORD	J Canal at stateline	23.1	7.9	4.0	306	
8/28/1997	11:00	JCBORD	J Canal at stateline	19.0	8.0	7.3	290	
9/11/1997	11:10	JCBORD	J Canal at stateline	17.9	8.0	6.5	276	
9/25/1997	11:40	JCBORD	J Canal at stateline	17.1	7.8	6.1	295	
10/8/1997	11:00	JCBORD	J Canal at stateline	10.6	8.1	6.9	310	
10/22/1997	11:40	JCBORD	J Canal at stateline	10.2	8.1	9.3	303	
4/2/1997	14:45	KRBORD	Klamath River u/s Shovel Creek	10.8	7.5	9.8	154	
4/17/1997	10:25	KRBORD	Klamath River u/s Shovel Creek	11.0	8.1	10.6	180	
4/30/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	12.5	8.0	9.5	152	
5/21/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	16.4	8.5	10.1	184	
6/4/1997	11:20	KRBORD	Klamath River u/s Shovel Creek	16.2	8.6	10.6	199	
6/18/1997	8:25	KRBORD	Klamath River u/s Shovel Creek	17.4	8.1	8.6	237	
7/2/1997	11:35	KRBORD	Klamath River u/s Shovel Creek	17.4	8.5	10.4	173	
7/16/1997	11:56	KRBORD	Klamath River u/s Shovel Creek	18.2	8.8	9.2	155	
7/30/1997	11:20	KRBORD	Klamath River u/s Shovel Creek	19.6	8.4	9.2	173	
8/6/1997	12:35	KRBORD	Klamath River u/s Shovel Creek	21.7	8.5	8.7	170	
8/27/1997	11:00	KRBORD	Klamath River u/s Shovel Creek	18.6	8.5	9.2	154	
9/10/1997	11:50	KRBORD	Klamath River u/s Shovel Creek	16.8	8.4	8.4	145	

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Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
9/17/1997	12:10	KRBORD	Klamath River u/s Shovel Creek	14.7	8.0	9.7	151	
9/24/1997	11:35	KRBORD	Klamath River u/s Shovel Creek	15.0	8.4	9.7	176	
10/8/1997	12:15	KRBORD	Klamath River u/s Shovel Creek	11.0	8.2	10.2	168	
4/2/1997	12:35	KRDSBVCR	Klamath River d/s Beaver Creek	9.7	8.1	10.7	211	
4/17/1997	10:06	KRDSBVCR	Klamath River d/s Beaver Creek	10.6	7.7	10.6	207	
4/30/1997	10:58	KRDSBVCR	Klamath River d/s Beaver Creek	12.3	7.8	9.9	177	
5/21/1997	11:40	KRDSBVCR	Klamath River d/s Beaver Creek	16.5	8.4	9.3	198	
6/4/1997	12:31	KRDSBVCR	Klamath River d/s Beaver Creek	17.3	8.2	9.1	217	
6/18/1997	10:30	KRDSBVCR	Klamath River d/s Beaver Creek	18.9	8.5	9.2	229	
7/2/1997	12:19	KRDSBVCR	Klamath River d/s Beaver Creek	19.5	8.4	9.3	275	
7/16/1997	13:40	KRDSBVCR	Klamath River d/s Beaver Creek	23.2	9.0	10.0	226	
7/30/1997	11:59	KRDSBVCR	Klamath River d/s Beaver Creek	21.5	8.5	9.0	213	
8/6/1997	9:38	KRDSBVCR	Klamath River d/s Beaver Creek	22.7	8.2	7.9	205	
8/27/1997	13:25	KRDSBVCR	Klamath River d/s Beaver Creek	20.5	8.0	8.8	227	
9/10/1997	10:00	KRDSBVCR	Klamath River d/s Beaver Creek	19.4	7.9	8.5	202	
9/24/1997	14:25	KRDSBVCR	Klamath River d/s Beaver Creek	18.9	8.5	9.4	213	
10/8/1997	13:41	KRDSBVCR	Klamath River d/s Beaver Creek	14.5	8.2	9.8	224	
10/24/1997	9:30	KRDSBVCR	Klamath River d/s Beaver Creek	10.6	7.9	10.2	219	
4/2/1997	14:58	KRDSELKCR	Klamath River d/s Elk Creek	10.0	8.2	12.5	192	
4/17/1997	12:21	KRDSELKCR	Klamath River d/s Elk Creek	11.0	8.1	11.0	196	
4/30/1997	14:09	KRDSELKCR	Klamath River d/s Elk Creek	12.9	7.8	10.3	160	
5/21/1997	13:20	KRDSELKCR	Klamath River d/s Elk Creek	17.9	8.3	10.2	174	
6/4/1997	15:00	KRDSELKCR	Klamath River d/s Elk Creek	17.9	8.5	9.7	193	
6/18/1997	13:00	KRDSELKCR	Klamath River d/s Elk Creek	21.8	8.4	9.4	214	
7/2/1997	13:53	KRDSELKCR	Klamath River d/s Elk Creek	20.7	8.4	9.1	234	
7/16/1997	11:30	KRDSELKCR	Klamath River d/s Elk Creek	23.4	8.6	8.6	236	
7/30/1997	14:00	KRDSELKCR	Klamath River d/s Elk Creek	22.5	8.6	10.7	224	
8/6/1997	11:54	KRDSELKCR	Klamath River d/s Elk Creek	25.3	8.6	8.9	215	
8/27/1997	15:30	KRDSELKCR	Klamath River d/s Elk Creek	22.2	8.2	11.0	217	
9/10/1997	12:08	KRDSELKCR	Klamath River d/s Elk Creek	20.9	8.4	9.8	210	
9/24/1997	15:50	KRDSELKCR	Klamath River d/s Elk Creek	20.5	8.7	10.2	220	
10/8/1997	16:25	KRDSELKCR	Klamath River d/s Elk Creek	14.5	8.6	9.9	220	
10/24/1997	11:35	KRDSELKCR	Klamath River d/s Elk Creek	11.9	8.2	11.1	228	
4/2/1997	16:22	KRDSIKESF	Klamath River at Ikes Falls	9.5	7.9	12.4	158	
4/17/1997	14:10	KRDSIKESF	Klamath River at Ikes Falls	11.0	7.9	11.0	155	
4/30/1997	16:02	KRDSIKESF	Klamath River at Ikes Falls	12.2	7.9	11.4	128	
5/21/1997	14:20	KRDSIKESF	Klamath River at Ikes Falls	17.0	8.3	10.0	142	
6/4/1997	16:15	KRDSIKESF	Klamath River at Ikes Falls	15.1	8.2	9.8	135	
6/18/1997	14:28	KRDSIKESF	Klamath River at Ikes Falls	21.5	8.4	9.0	177	
7/2/1997	14:51	KRDSIKESF	Klamath River at Ikes Falls	20.0	8.5	9.2	188	
7/16/1997	10:00	KRDSIKESF	Klamath River at Ikes Falls	21.7	8.4	9.2	202	
7/30/1997	15:22	KRDSIKESF	Klamath River at Ikes Falls	24.0	8.1	8.8	197	
8/6/1997	13:35	KRDSIKESF	Klamath River at Ikes Falls	24.7	8.3	8.6	203	
8/27/1997	16:30	KRDSIKESF	Klamath River at Ikes Falls	21.7	8.0	9.5	200	
9/10/1997	14:00	KRDSIKESF	Klamath River at Ikes Falls	20.9	8.4	9.7	200	
9/24/1997	16:40	KRDSIKESF	Klamath River at Ikes Falls	19.9	8.6	10.4	210	
10/8/1997	17:50	KRDSIKESF	Klamath River at Ikes Falls	13.8	8.4	9.6	187	
10/24/1997	13:00	KRDSIKESF	Klamath River at Ikes Falls	12.0	8.2	11.3	209	
4/2/1997	13:25	KRDSSCTR	Klamath River d/s Scott River	9.3	8.1	12.2	205	
4/17/1997	10:58	KRDSSCTR	Klamath River d/s Scott River	10.6	8.2	10.6	206	
4/30/1997	12:08	KRDSSCTR	Klamath River d/s Scott River	12.0	7.9	9.9	168	
5/21/1997	12:15	KRDSSCTR	Klamath River d/s Scott River	16.7	8.4	9.3	179	
6/4/1997	13:18	KRDSSCTR	Klamath River d/s Scott River	15.7	8.5	9.3	198	
6/18/1997	11:17	KRDSSCTR	Klamath River d/s Scott River	19.6	8.5	9.1	224	
7/2/1997	12:50	KRDSSCTR	Klamath River d/s Scott River	19.8	8.4	9.3	258	
7/16/1997	12:42	KRDSSCTR	Klamath River d/s Scott River	23.2	8.8	9.1	239	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
7/30/1997	12:42	KRDSSCTR	Klamath River d/s Scott River	22.2	8.5	8.9	225	
8/6/1997	10:42	KRDSSCTR	Klamath River d/s Scott River	23.3	8.2	7.9	216	
8/27/1997	13:57	KRDSSCTR	Klamath River d/s Scott River	21.2	8.4	9.0	219	
9/10/1997	10:30	KRDSSCTR	Klamath River d/s Scott River	19.1	8.3	8.4	208	
9/24/1997	14:55	KRDSSCTR	Klamath River d/s Scott River	19.6	8.5	9.4	220	
10/8/1997	14:40	KRDSSCTR	Klamath River d/s Scott River	14.8	8.4	10.0	231	
10/24/1997	10:20	KRDSSCTR	Klamath River d/s Scott River	11.2	8.1	10.0	225	
4/2/1997	11:45	KRDSSHR	Klamath River d/s Shasta River	10.5	8.3	11.2	197	
4/17/1997	8:10	KRDSSHR	Klamath River d/s Shasta River	9.9	8.0	10.2	197	
4/30/1997	15:10	KRDSSHR	Klamath River d/s Shasta River	13.4	8.3	9.5	167	
5/21/1997	7:50	KRDSSHR	Klamath River d/s Shasta River	16.2	8.3	8.6	191	
6/4/1997	8:20	KRDSSHR	Klamath River d/s Shasta River	16.7	8.0	8.6	215	
6/18/1997	12:15	KRDSSHR	Klamath River d/s Shasta River	21.0	8.5	9.5	228	
7/2/1997	7:35	KRDSSHR	Klamath River d/s Shasta River	17.3	8.0	8.4	265	
7/16/1997	14:05	KRDSSHR	Klamath River d/s Shasta River	22.9	8.7	9.4	221	
7/30/1997	8:00	KRDSSHR	Klamath River d/s Shasta River	20.0	7.7	7.6	212	
8/6/1997	8:45	KRDSSHR	Klamath River d/s Shasta River	21.7	7.9	7.2	191	
8/27/1997	8:00	KRDSSHR	Klamath River d/s Shasta River	19.4	8.0	7.5	215	
9/10/1997	8:40	KRDSSHR	Klamath River d/s Shasta River	19.0	7.9	7.8	187	
9/24/1997	8:20	KRDSSHR	Klamath River d/s Shasta River	16.6	8.1	8.1	203	
10/8/1997	8:50	KRDSSHR	Klamath River d/s Shasta River	14.7	7.9	8.6	226	
4/2/1997	12:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	11.3	8.4	11.4	181	
4/17/1997	8:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	10.1	8.2	11.1	169	
4/30/1997	14:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	13.4	8.3	10.0	160	
5/21/1997	8:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	16.7	8.5	9.0	177	
6/4/1997	8:50	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.3	8.3	10.2	191	
6/18/1997	11:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	21.3	9.1	12.8	189	
7/2/1997	8:10	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.9	8.3	10.4	213	
7/16/1997	13:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	23.9	9.3	14.2	205	
7/30/1997	8:35	KRUSCOTCR	Klamath River u/s Cottonwood Creek	20.1	8.0	8.0	189	
8/6/1997	9:25	KRUSCOTCR	Klamath River u/s Cottonwood Creek	22.2	8.3	8.7	179	
8/27/1997	8:40	KRUSCOTCR	Klamath River u/s Cottonwood Creek	19.2	8.2	7.7	184	
9/10/1997	9:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	19.6	8.3	8.9	174	
9/24/1997	9:20	KRUSCOTCR	Klamath River u/s Cottonwood Creek	17.0	8.1	8.7	174	
10/8/1997	9:45	KRUSCOTCR	Klamath River u/s Cottonwood Creek	15.1	7.9	8.6	175	
4/2/1997	12:05	KSD	Klamath Straits Drain at stateline	6.5	8.9	10.1	974	
4/16/1997	13:40	KSD	Klamath Straits Drain at stateline	15.0	8.8	17.8	848	
4/30/1997	10:45	KSD	Klamath Straits Drain at stateline	12.1	9.2	7.5	852	
5/22/1997	13:25	KSD	Klamath Straits Drain at stateline	20.1	8.5	3.8	1329	
6/5/1997	13:40	KSD	Klamath Straits Drain at stateline	20.0	8.7	8.5	1263	
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	23.2	9.5	7.6	933	
7/3/1997	11:50	KSD	Klamath Straits Drain at stateline	22.1	9.1	9.5	1246	
7/17/1997	11:20	KSD	Klamath Straits Drain at stateline	23.5	9.7	6.6	533	
7/31/1997	11:00	KSD	Klamath Straits Drain at stateline	22.0	9.5	9.6	713	
8/6/1997	12:35	KSD	Klamath Straits Drain at stateline	25.5	9.8	8.7	716	
8/28/1997	9:20	KSD	Klamath Straits Drain at stateline	19.0	9.1	4.2	522	
9/11/1997	9:25	KSD	Klamath Straits Drain at stateline	18.2	8.8	4.2	527	
9/25/1997	9:35	KSD	Klamath Straits Drain at stateline	17.2	7.5	7.5	763	
10/8/1997	10:00	KSD	Klamath Straits Drain at stateline	9.0	8.5	7.8	462	
10/22/1997	12:35	KSD	Klamath Straits Drain at stateline	9.5	8.6	9.2	766	
4/2/1997	13:05	LRBORD	Lost River at stateline	10.6	9.0	11.3	431	
4/16/1997	12:50	LRBORD	Lost River at stateline	12.1	8.6	11.2	255	
4/30/1997	11:30	LRBORD	Lost River at stateline	12.1	8.9	10.5	293	
5/22/1997	12:00	LRBORD	Lost River at stateline	18.5	8.5	9.9	203	
6/5/1997	11:30	LRBORD	Lost River at stateline	16.5	8.8	10.4	265	
6/18/1997	13:00	LRBORD	Lost River at stateline	20.6	8.3	6.7	218	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
7/3/1997	10:40	LRBORD	Lost River at stateline	18.5	8.3	5.8	172	
7/17/1997	9:30	LRBORD	Lost River at stateline	20.9	7.9	3.7	213	
7/31/1997	12:50	LRBORD	Lost River at stateline	22.1	7.6	5.8	196	
8/6/1997	11:00	LRBORD	Lost River at stateline	23.0	7.6	6.1	198	
8/28/1997	11:25	LRBORD	Lost River at stateline	18.5	8.2	11.0	204	
9/11/1997	10:50	LRBORD	Lost River at stateline	17.2	8.0	6.6	190	
9/25/1997	12:00	LRBORD	Lost River at stateline	16.8	7.6	7.6	296	
10/8/1997	10:35	LRBORD	Lost River at stateline	10.1	8.1	7.8	231	
10/22/1997	11:20	LRBORD	Lost River at stateline	9.7	8.5	12.7	226	
4/4/1997	9:35	SHRA12	Shasta River at A-12	10.0	8.3	10.6	524	
4/16/1997	10:28	SHRA12	Shasta River at A-12	14.4	7.9	9.0	495	
4/30/1997	13:30	SHRA12	Shasta River at A-12	15.7	7.5	9.6	506	
5/21/1997	11:46	SHRA12	Shasta River at A-12	15.1	8.3	9.5	484	
6/5/1997	14:36	SHRA12	Shasta River at A-12	18.3	8.3	9.7	503	
6/18/1997	15:40	SHRA12	Shasta River at A-12	22.3	8.3	10.4	494	
7/3/1997	11:38	SHRA12	Shasta River at A-12	18.5	8.0	8.5	465	
7/16/1997	17:02	SHRA12	Shasta River at A-12	22.3	8.3	9.4	465	
7/31/1997	11:47	SHRA12	Shasta River at A-12	19.8	8.2	9.8	521	
8/6/1997	8:30	SHRA12	Shasta River at A-12	19.9		7.5	519	
8/28/1997	14:15	SHRA12	Shasta River at A-12	18.7	8.2	10.7	470	
9/11/1997	15:05	SHRA12	Shasta River at A-12	19.4	8.4	11.4	488	
9/25/1997	16:05	SHRA12	Shasta River at A-12	16.1	8.3	10.2	488	
10/8/1997	9:05	SHRA12	Shasta River at A-12	11.1	7.7	8.6	483	
4/4/1997	10:40	SHRHwy5	Shasta River d/s Hwy 5	10.8	8.4	11.6	516	
4/16/1997	11:27	SHRHwy5	Shasta River d/s Hwy 5	13.6	8.3	9.8	602	
4/30/1997	15:15	SHRHwy5	Shasta River d/s Hwy 5	16.0	8.0	10.4	571	
5/21/1997	13:05	SHRHwy5	Shasta River d/s Hwy 5	17.2	8.3	10.4	640	
6/5/1997	13:52	SHRHwy5	Shasta River d/s Hwy 5	18.5	8.3	8.7	615	
6/18/1997	13:55	SHRHwy5	Shasta River d/s Hwy 5	22.5	8.3	9.7	586	
7/3/1997	12:27	SHRHwy5	Shasta River d/s Hwy 5	19.9	8.1	8.3	572	
7/16/1997	16:40	SHRHwy5	Shasta River d/s Hwy 5	25.2	8.4	9.3	603	
7/31/1997	12:44	SHRHwy5	Shasta River d/s Hwy 5	22.1	8.3	9.2	645	
8/6/1997	10:00	SHRHwy5	Shasta River d/s Hwy 5	22.7		9.9	644	
8/28/1997	15:15	SHRHwy5	Shasta River d/s Hwy 5	20.2	8.2	9.3	585	
9/11/1997	16:00	SHRHwy5	Shasta River d/s Hwy 5	19.8	8.4	9.7	672	
9/25/1997	14:40	SHRHwy5	Shasta River d/s Hwy 5	17.8	8.4	10.1	622	
10/8/1997	10:15	SHRHwy5	Shasta River d/s Hwy 5	11.2	8.1	9.2	572	
4/4/1997	11:35	SHRM	Shasta River at mouth	11.3	8.9	12.3	503	
4/16/1997	11:50	SHRM	Shasta River at mouth	13.6	8.7	10.4	576	
4/30/1997	15:45	SHRM	Shasta River at mouth	17.2	8.4	9.2	565	
5/21/1997	13:30	SHRM	Shasta River at mouth	18.2	8.7	10.2	588	
6/5/1997	13:29	SHRM	Shasta River at mouth	20.0	8.6	9.0	610	
6/18/1997	13:10	SHRM	Shasta River at mouth	23.5	8.7	9.3	551	
7/3/1997	12:47	SHRM	Shasta River at mouth	21.9	8.5	8.3	583	
7/16/1997	16:00	SHRM	Shasta River at mouth	26.5	8.6	8.4	579	
7/31/1997	13:23	SHRM	Shasta River at mouth	24.5	8.8	9.1	614	
8/6/1997	10:35	SHRM	Shasta River at mouth	23.1		10.2	630	
8/28/1997	15:35	SHRM	Shasta River at mouth	22.8	8.7	8.8	578	
9/11/1997	16:25	SHRM	Shasta River at mouth	20.9	8.8	8.8	649	
9/25/1997	14:10	SHRM	Shasta River at mouth	18.8	8.7	9.7	636	
10/8/1997	10:45	SHRM	Shasta River at mouth	11.2	8.3	9.9	569	
4/4/1997	10:05	SHRMGR	Shasta River at Mont Gren Road	10.4	8.5	11.6	496	
4/16/1997	10:50	SHRMGR	Shasta River at Mont Gren Road	13.5	8.1	10.2	570	
4/30/1997	14:45	SHRMGR	Shasta River at Mont Gren Road	17.0	7.9	9.6	550	
5/21/1997	12:40	SHRMGR	Shasta River at Mont Gren Road	17.4	8.3	11.1	589	
6/5/1997	14:14	SHRMGR	Shasta River at Mont Gren Road	19.3	8.4	9.2	602	

Field Plot Data by Site

Project: NCRWQCB 104(b) Grant			Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond	
6/18/1997	14:55	SHRMGR	Shasta River at Mont Gren Road	23.4	8.3	9.4	543	
7/3/1997	11:58	SHRMGR	Shasta River at Mont Gren Road	20.1	8.1	8.4	534	
7/16/1997	17:00	SHRMGR	Shasta River at Mont Gren Road	24.7	8.5	10.2	556	
7/31/1997	12:08	SHRMGR	Shasta River at Mont Gren Road	21.1	8.3	9.8	614	
8/6/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	21.5		7.7	571	
8/28/1997	14:50	SHRMGR	Shasta River at Mont Gren Road	20.4	8.2	9.6	541	
9/11/1997	15:24	SHRMGR	Shasta River at Mont Gren Road	20.5	8.4	10.2	629	
9/25/1997	15:41	SHRMGR	Shasta River at Mont Gren Road	17.6	8.3	9.4	550	
10/8/1997	9:30	SHRMGR	Shasta River at Mont Gren Road	10.9	7.9	8.8	547	
4/2/1997	14:06	TLP3	Tule Lake Pump 3 (in)	9.3	8.9	11.2	648	
4/16/1997	11:10	TLP3	Tule Lake Pump 3 (in)	11.6	8.3	9.8	654	
4/30/1997	13:05	TLP3	Tule Lake Pump 3 (in)	14.2	8.6	12.6	468	
5/22/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	8.5	14.2	440	
6/5/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	7.9	5.6	409	
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	21.3	8.9	11.2	446	
7/3/1997	10:00	TLP3	Tule Lake Pump 3 (in)	19.3	7.5	4.9	293	
7/17/1997	10:50	TLP3	Tule Lake Pump 3 (in)	22.1	7.8	5.4	237	
7/31/1997	11:55	TLP3	Tule Lake Pump 3 (in)	21.7	7.8	7.5	310	
8/6/1997	12:00	TLP3	Tule Lake Pump 3 (in)	23.4	7.9	6.3	334	
8/28/1997	10:30	TLP3	Tule Lake Pump 3 (in)	17.3	7.7	3.6	352	
9/11/1997	10:25	TLP3	Tule Lake Pump 3 (in)	15.8	7.8	4.9	322	
9/25/1997	10:40	TLP3	Tule Lake Pump 3 (in)	15.3	8.6	8.6	350	
10/8/1997	11:30	TLP3	Tule Lake Pump 3 (in)	9.2	8.0	7.1	568	
10/22/1997	10:00	TLP3	Tule Lake Pump 3 (in)	7.6	8.1	6.5	420	
4/2/1997	14:20	TLPD	Tule Lake Pump D (out)	11.1	9.3	11.0	737	
4/16/1997	10:35	TLPD	Tule Lake Pump D (out)	13.3	9.0	12.8	791	
4/30/1997	14:00	TLPD	Tule Lake Pump D (out)	12.4	9.1	10.8	791	
5/22/1997	10:35	TLPD	Tule Lake Pump D (out)	16.9	9.1	5.4	859	
6/5/1997	10:30	TLPD	Tule Lake Pump D (out)	15.1	9.5	8.6	583	
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	20.1	10.1	7.6	657	
7/3/1997	9:40	TLPD	Tule Lake Pump D (out)	18.9	9.9	8.5	519	
7/17/1997	10:30	TLPD	Tule Lake Pump D (out)	21.3	10.0	6.2	432	
7/31/1997	11:35	TLPD	Tule Lake Pump D (out)	21.6	9.8	6.5	336	
8/6/1997	11:40	TLPD	Tule Lake Pump D (out)	22.7	9.9	6.4	332	
8/28/1997	10:00	TLPD	Tule Lake Pump D (out)	17.6	9.9	6.3	382	
9/11/1997	10:05	TLPD	Tule Lake Pump D (out)	15.7	9.6	5.5	515	
9/25/1997	10:20	TLPD	Tule Lake Pump D (out)	17.6	8.1	8.1	701	
10/8/1997	12:00	TLPD	Tule Lake Pump D (out)	8.5	9.0	8.2	698	
10/22/1997	10:25	TLPD	Tule Lake Pump D (out)	9.9	8.8	7.8	594	

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Project: NCRWQCB 104(b) Grant		Author: Timothy Mahan 12/14/1997		C	pH	mg/L	umhos	6.5 to 25.5	7.5 to 10.1	3.2 to 17.8	172 to 1329
Date	Time	Site Acronym	Location	Temp	pH	DO	Cond				
4/2/1997	13:05	LRBORD	Lost River at stateline	10.6	9.0	11.3	431	25.5	10.1	17.8	
4/2/1997	12:50	JCBORD	J Canal at stateline	8.4	9.1	10.1	412	23.5	10	14.2	
4/2/1997	14:06	TLP3	Tule Lake Pump 3 (in)	9.3	8.9	11.2	648	23.4	9.9	12.8	
4/2/1997	14:20	TLPD	Tule Lake Pump D (out)	11.1	9.3	11.0	737	23.2	9.9	12.7	
4/2/1997	12:05	KSD	Klamath Straits Drain at stateline	6.5	8.9	10.1	974	23.1	9.9	12.6	1329
4/16/1997	12:50	LRBORD	Lost River at stateline	12.1	8.6	11.2	255	23	9.8	12.4	1263
4/16/1997	12:30	JCBORD	J Canal at stateline	11.7	8.6	9.5	347	22.7	9.8	11.3	1246
4/16/1997	11:10	TLP3	Tule Lake Pump 3 (in)	11.6	8.3	9.8	654	22.1	9.7	11.2	974
4/16/1997	10:35	TLPD	Tule Lake Pump D (out)	13.3	9.0	12.8	791	22.1	9.6	11.2	933
4/16/1997	13:40	KSD	Klamath Straits Drain at stateline	15.0	8.8	17.8	848	22.1	9.5	11.2	859
4/30/1997	11:30	LRBORD	Lost River at stateline	12.1	8.9	10.5	293	22	9.5	11	852
4/30/1997	12:15	JCBORD	J Canal at stateline	12.5	8.5	12.4	329	21.9	9.5	11	848
4/30/1997	13:05	TLP3	Tule Lake Pump 3 (in)	14.2	8.6	12.6	468	21.8	9.3	10.8	791
4/30/1997	14:00	TLPD	Tule Lake Pump D (out)	12.4	9.1	10.8	791	21.7	9.2	10.8	791
4/30/1997	10:45	KSD	Klamath Straits Drain at stateline	12.1	9.2	7.5	852	21.6	9.1	10.5	766
5/22/1997	12:00	LRBORD	Lost River at stateline	18.5	8.5	9.9	203	21.3	9.1	10.4	763
5/22/1997	11:40	JCBORD	J Canal at stateline	18.9	8.0	6.9	213	21.3	9.1	10.1	737
5/22/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	8.5	14.2	440	20.9	9.1	10.1	716
5/22/1997	10:35	TLPD	Tule Lake Pump D (out)	16.9	9.1	5.4	859	20.7	9.1	9.9	713
5/22/1997	13:25	KSD	Klamath Straits Drain at stateline	20.1	8.5	3.8	1329	20.6	9	9.8	701
6/5/1997	11:30	LRBORD	Lost River at stateline	16.5	8.8	10.4	265	20.1	9	9.6	698
6/5/1997	12:00	JCBORD	J Canal at stateline	17.8	9.0	10.8	242	20.1	9	9.5	657
6/5/1997	11:00	TLP3	Tule Lake Pump 3 (in)	16.7	7.9	5.6	409	20	9	9.5	654
6/5/1997	10:30	TLPD	Tule Lake Pump D (out)	15.1	9.5	8.6	583	19.6	8.9	9.3	648
6/5/1997	13:40	KSD	Klamath Straits Drain at stateline	20.0	8.7	8.5	1263	19.3	8.9	9.2	594
6/18/1997	13:00	LRBORD	Lost River at stateline	20.6	8.3	6.7	218	19	8.9	8.7	583
6/18/1997	12:20	JCBORD	J Canal at stateline	20.7	8.9	7.0	244	19	8.9	8.6	568
6/18/1997	11:45	TLP3	Tule Lake Pump 3 (in)	21.3	8.9	11.2	446	18.9	8.9	8.6	533
6/18/1997	11:15	TLPD	Tule Lake Pump D (out)	20.1	10.1	7.6	657	18.9	8.8	8.5	527
6/18/1997	13:45	KSD	Klamath Straits Drain at stateline	23.2	9.5	7.6	933	18.5	8.8	8.5	522
7/3/1997	10:40	LRBORD	Lost River at stateline	18.5	8.3	5.8	172	18.5	8.8	8.2	519
7/3/1997	11:00	JCBORD	J Canal at stateline	19.6	8.0	5.3	228	18.5	8.8	8.1	515
7/3/1997	10:00	TLP3	Tule Lake Pump 3 (in)	19.3	7.5	4.9	293	18.2	8.7	7.8	468
7/3/1997	9:40	TLPD	Tule Lake Pump D (out)	18.9	9.9	8.5	519	17.9	8.6	7.8	462
7/3/1997	11:50	KSD	Klamath Straits Drain at stateline	22.1	9.1	9.5	1246	17.8	8.6	7.8	446
7/17/1997	9:30	LRBORD	Lost River at stateline	20.9	7.9	3.7	213	17.6	8.6	7.6	440
7/17/1997	10:00	JCBORD	J Canal at stateline	21.9	7.9	3.2	221	17.6	8.6	7.6	432
7/17/1997	10:50	TLP3	Tule Lake Pump 3 (in)	22.1	7.8	5.4	237	17.3	8.6	7.6	431
7/17/1997	10:30	TLPD	Tule Lake Pump D (out)	21.3	10.0	6.2	432	17.2	8.5	7.5	420
7/17/1997	11:20	KSD	Klamath Straits Drain at stateline	23.5	9.7	6.6	533	17.2	8.5	7.5	412
7/31/1997	12:50	LRBORD	Lost River at stateline	22.1	7.6	5.8	196	17.1	8.5	7.5	409
7/31/1997	12:30	JCBORD	J Canal at stateline	21.8	7.6	4.3	257	16.9	8.5	7.3	382
7/31/1997	11:55	TLP3	Tule Lake Pump 3 (in)	21.7	7.8	7.5	310	16.8	8.5	7.1	352
7/31/1997	11:35	TLPD	Tule Lake Pump D (out)	21.6	9.8	6.5	336	16.7	8.5	7	350
7/31/1997	11:00	KSD	Klamath Straits Drain at stateline	22.0	9.5	9.6	713	16.7	8.3	6.9	347
8/6/1997	11:00	LRBORD	Lost River at stateline	23.0	7.6	6.1	198	16.5	8.3	6.9	336
8/6/1997	10:22	JCBORD	J Canal at stateline	23.1	7.9	4.0	306	15.8	8.3	6.7	334

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97 Temp Graphs

