

## **Attachment 2**

Total Phosphorus and Flow Data



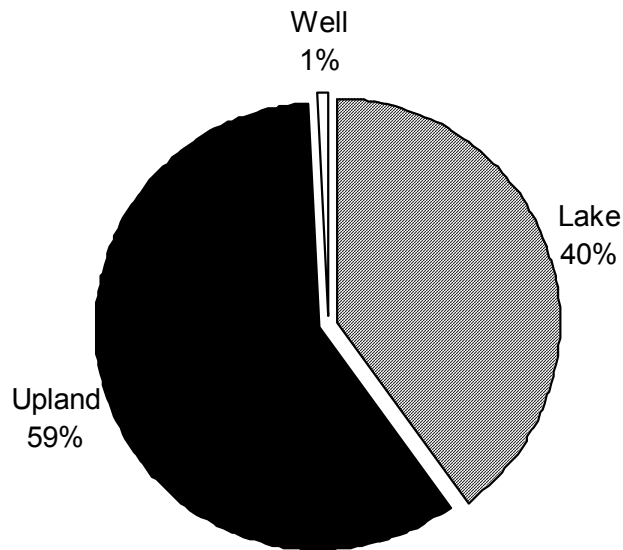
## Data Sources

- 1 = Kann and Walker, 2002
- 2 = Hathaway and Todd, 1993
- 3 = Rykbost, Charlton & Dorel, 1999
- 4 = USGS , 1998
- 5 = Oregon Water Resources Department
- 6 = Natural Resource Scientists, Inc. Red Bluff, CA
- 7 = T. Sullivan, Winema National Forest
- 8 = Winema National Forest
- 9 = STORET Data
- 10 = Newcomb and Hart, 1958
- 11 = Oregon Department of Environmental Quality

## Data Terms and Symbols

- TP = Total Phosphorus
- n = Sample size
- $\theta$  = Median values of sample population
- $\bar{y}$  = Average values of sample population
- $\sigma$  = Standard deviation values of sample population

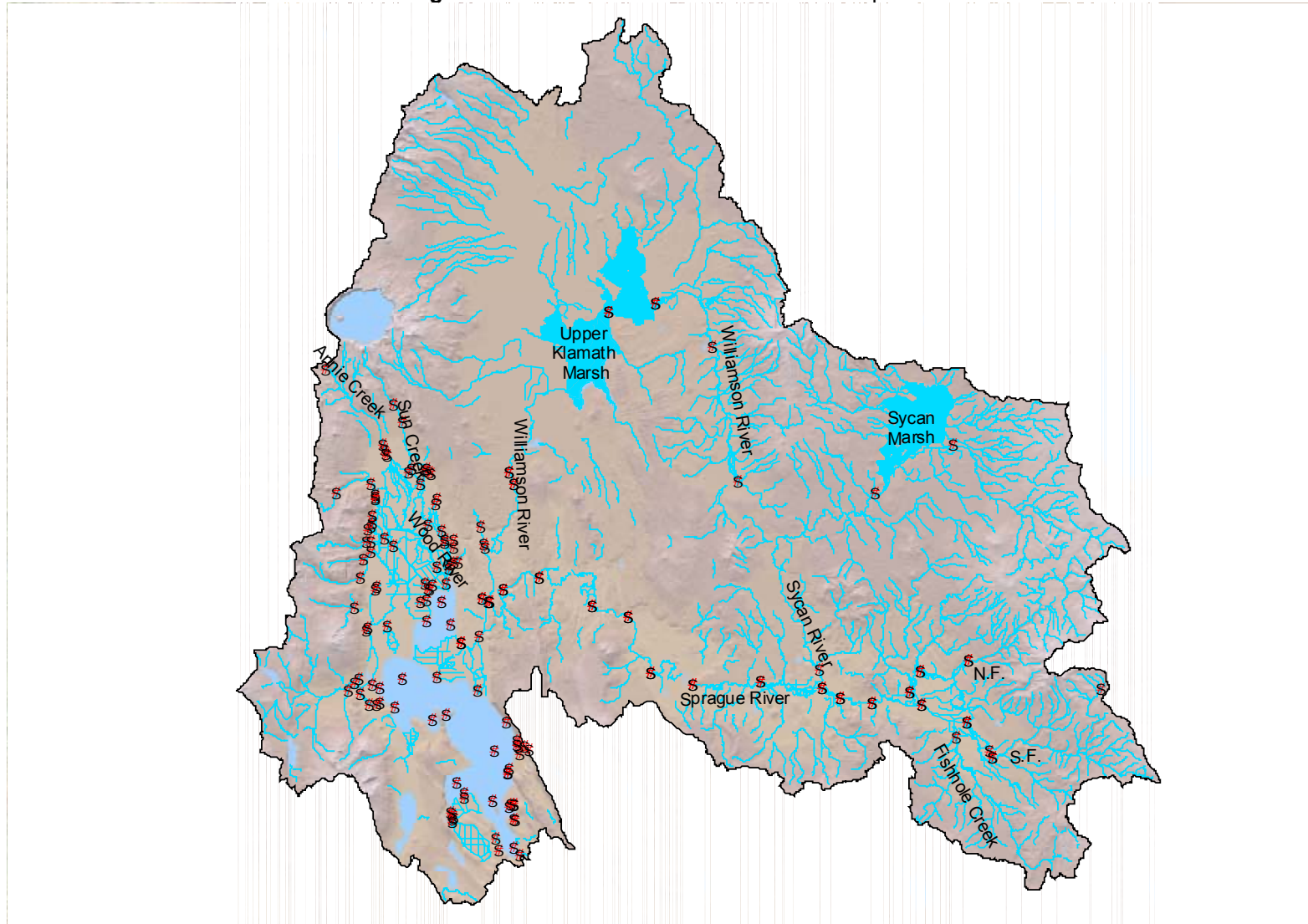
**Figure 1.** Distribution of Total Phosphorus Samples (3,189 samples)



## Overview

Data Collection Sites:	162 (see <b>Figure 2</b> )
Total Phosphorus Samples (since 1991):	3,189
Corresponding Flow Measurements (since 1991):	510
Upland Total Phosphorus Measurements	1,889
Lake Total Phosphorus Measurements	1,275
Well Total Phosphorus Measurements	26

Figure 2. Distribution of Total Phosphorus Samples



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 1. Data Summary: Total Phosphorus, Flow and Daily Total Phosphorus Loading**

Site Name	Site ID	Location	Data Source	TP (µg/l)				Flow (cfs)				TP Loading (kg/day)				
				n	θ	ȳ	σ	n	θ	ȳ	σ	n	θ	ȳ	σ	
Agency Jake's	162	Lake	1	4	102	110	49	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Agency North	160	Lake	1	82	137	200	158	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Agency South	161	Lake	1	132	122	179	141	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Algoma Slough (west of Hwy)	82	Lake	3	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Caladonia Inlet	86	Lake	3	17	50	60	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Coon Point	164	Lake	1	16	188	168	74	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Eagle Ridge	165	Lake	1	152	117	134	80	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Fremont Bridge	166	Lake	1	51	85	95	58	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Mid Lake	167	Lake	1	122	114	129	77	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Mid North	168	Lake	1	141	122	139	95	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
North Buck Island	169	Lake	1	104	119	133	78	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pelican Marina	171	Lake	1	91	71	81	39	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Pelican Marina	171	Lake	1	106	129	145	89	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Shoalwater Bay	172	Lake	1	135	132	168	128	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Weather Station	174	Lake	1	18	291	284	176	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Wocus Bay	173	Lake	1	103	123	188	177	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
100 yards below Wood Drain	103	Upland	3	2	n/a	100	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Agency Lake Ranch Pumping Plant	81	Upland	3	1	n/a	1760	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Agency Springs	107	Upland	9,10	4	80	78	13	4	16.2	20.4	16.2	3	2.3	4.3	4.5	
Algoma Bridge	5	Upland	1	1	n/a	383	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Annie Creek	60	Upland	3	1	n/a	40	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Annie Creek at Crater L. NPS bndry	48	Upland	2	22	63	63	22	22	50.3	58.7	24.7	22	7.4	9.3	6.1	
Annie Creek at private/ODF bndry	47	Upland	2	21	60	63	29	22	32.3	37.5	28.1	21	3.4	5.8	6.9	
Annie Creek at USFS Bridge	7	Upland	1	2	n/a	50	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Annie Creek Springs	59	Upland	3	1	n/a	30	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Annie Creek upstream Sun Cr.	49	Upland	2	22	60	90	145	22	14.1	24.4	27.4	22	1.6	4.5	6.1	
Annie Creek upstream Wood R.	50	Upland	2	11	80	79	30	10	4.0	30.2	37.1	10	0.7	5.6	8.3	
Appletree Drain	87	Upland	3	27	220	244	84	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Barkely Canal	8	Upland	1	7	76	96	47	3	3.1	3.2	0.2	3	0.6	0.7	0.1	
Barkley Field	9	Upland	1	1	n/a	350	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Barkley Pump	10	Upland	1	8	395	558	450	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Barkley Springs	11	Upland	1,3	2	72	72	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a
Blue Springs	66	Upland	3,4,6	16	70	74	17	3	3.0	2.7	0.6	3	0.4	0.4	0.1	
Caledonia Canal (Lakeside of Hwy 140)	12	Upland	1	47	143	187	121	0	n/a	n/a	n/a	0	n/a	n/a	n/a	n/a

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 1. Data Summary: Total Phosphorus, Flow and Daily Total Phosphorus Loading**

Site Name	Site ID	Location	Data Source	TP (µg/l)				Flow (cfs)				TP Loading (kg/day)			
				n	θ	ȳ	σ	n	θ	ȳ	σ	n	θ	ȳ	σ
Caledonia Pump - Caledonia Marsh	13	Upland	1	12	170	202	90	1	n/a	66.2	n/a	1	n/a	17.0	n/a
Cherry Creek	17	Upland	1	5	24	26	7	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Crooked Creek	76	Upland	3	1	n/a	110	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Crooked Creek at HWY 62 Bridge	14	Upland	1	3	94	94	5	3	48.9	48.1	1.8	3	10.7	11.0	0.7
Crooked Creek at Paige's	16	Upland	1	52	118	124	30	45	70.6	66.6	11.2	45	20.0	20.2	5.7
Crooked Creek Springs	106	Upland	6,9,10	11	90	94	5	5	42.0	41.5	3.0	4	9.7	9.5	0.8
Crystal Creek	61	Upland	3	2	n/a	90	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Crystal Creek at Lodge Channel	15	Upland	1	6	68	70	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Fishhole Creek u/s of Robinson Creek	126	Upland	11	4	70	68	13	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Fort Creek Springs	68	Upland	3	2	75	75	21	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Four Mile Spring	3	Upland	1	11	76	72	14	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Freemont Bridge - Outlet of Klamath Lake	18	Upland	1	195	86	113	76	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Gerry Canal Inlet	58	Upland	3	29	130	133	38	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Hanks Field	19	Upland	1	1	n/a	575	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Hanks Marsh (in marsh east of Hwy 97)	20	Upland	1	1	n/a	114	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Hank's Marsh (SE corner)	84	Upland	3	2	n/a	125	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Hanks Marsh Pump ( draining ag area)	22	Upland	1	41	138	212	187	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Harriman Springs	21	Upland	1,3	7	38	39	5	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Kimball Park Springs	67	Upland	3	2	n/a	65	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Lakeside Farm (Hank's) Drain	83	Upland	3	3	220	227	40	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Malone Spring	23	Upland	1,3	7	76	86	26	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Mares Egg Spring	26	Upland	1,3,4,5	23	70	76	16	0	n/a	n/a	n/a	0	n/a	n/a	n/a
McCornack Pump South	24	Upland	1	11	440	381	201	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Modoc Canal	27	Upland	1	21	142	147	76	6	5.2	4.9	2.7	6	1.1	1.2	0.6
N.F. Sprague R. @ Campbell Rd.	127	Upland	11	3	70	77	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a
N.F. Sprague R. @ Ivory Pine Rd.	128	Upland	11	4	70	70	8	0	n/a	n/a	n/a	0	n/a	n/a	n/a
N.F. Sprague R. @ the elbow	129	Upland	11	4	50	53	5	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Odessa Canal draining to pump	30	Upland	1	12	72	83	33	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Odessa Creek	28	Upland	1	6	58	62	17	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Odessa Springs	62	Upland	3	1	n/a	40	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Ouxy Springs	31	Upland	1	4	52	52	2	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA S.F. Sprague R. @ Campground	131	Upland	11	1	n/a	40	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA Sprague R. @ Chiloquin Bridge	132	Upland	11	1	n/a	70	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA Sprague R. @ Saddle Mtn. Pit Rd.	133	Upland	11	1	n/a	0	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 1. Data Summary: Total Phosphorus, Flow and Daily Total Phosphorus Loading**

Site Name	Site ID	Location	Data Source	TP (µg/l)				Flow (cfs)				TP Loading (kg/day)			
				n	θ	ȳ	σ	n	θ	ȳ	σ	n	θ	ȳ	σ
QA Sprague R. @ Sprague R. Rd. bridge	134	Upland	11	1	n/a	70	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA Williamson R. - Military Crossing Rd.	135	Upland	11	1	n/a	100	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA Sprague R. - Co. Public Access	136	Upland	11	2	n/a	75	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
QA Williamson R. - Silver Lake Rd.	137	Upland	11	1	n/a	110	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Rattlesnake Point Pump - Algoma Pump	6	Upland	1	8	423	394	190	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Reservation Springs	105	Upland	2,4,6,7	17	90	84	22	1	n/a	61.1	n/a	0	n/a	n/a	n/a
Restored Channel (w. of river)	93	Upland	3	1	n/a	1830	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Rock Creek (Draining to Crystal Creek)	32	Upland	1	3	8	10	6	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Run. Y Golf Course Drain	90	Upland	3	8	125	151	80	0	n/a	n/a	n/a	0	n/a	n/a	n/a
S.F. Sprague R. @ Dairy Creek Rd.	138	Upland	11	3	60	60	0	0	n/a	n/a	n/a	0	n/a	n/a	n/a
S.F. Sprague R. @ Ivory Pine Rd.	139	Upland	11	4	70	73	13	0	n/a	n/a	n/a	0	n/a	n/a	n/a
S.F. Sprague R. @ Sprague R. Cmpgrnd	140	Upland	11	3	40	43	6	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile at Forest/Private Pasture Bndry	57	Upland	2	10	62	61	14	11	11.3	10.7	8.5	10	1.5	1.6	1.2
Sevenmile at Wilderness Bndry	54	Upland	2	10	28	37	24	11	10.5	9.3	8.6	10	0.3	0.8	1.4
Sevenmile at Winema NF	55	Upland	2	7	79	77	21	8	21.1	21.7	5.1	7	4.0	4.0	0.8
Sevenmile Canal	4	Upland	1	104	125	138	36	4	125.5	130.4	61.3	4	48.6	45.8	17.4
Sevenmile Canal @ Agency	95	Upland	3	2	n/a	90	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Canal Drain	97	Upland	3	10	840	858	106	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Creek	116	Upland	7	1	n/a	77	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Creek @ Ranger Station	73	Upland	3	1	n/a	50	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Creek @ Sevenmile Rd.	74	Upland	3	2	n/a	70	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile downstream Private Pasture	56	Upland	2	9	80	74	16	10	29.9	36.8	17.0	9	5.7	7.0	3.9
Sevenmile Levee (gate valve #1)	98	Upland	3	22	165	153	75	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Levee (gate valve #2)	99	Upland	3	22	145	159	77	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Levee (gate valve #3)	100	Upland	3	2	n/a	135	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sevenmile Levee (gate valve #4)	101	Upland	3	10	210	209	22	0	n/a	n/a	n/a	0	n/a	n/a	n/a
SF Sprague R at picnic area	117	Upland	7	1	n/a	48	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
SF Sprague River u/s Corral Creek	118	Upland	7	1	n/a	110	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Shady Pine Pump (into the marsh)	34	Upland	1	14	367	361	146	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Shady Pine Pump (into the marsh)	35	Upland	1	152	63	72	39	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Short Creek	75	Upland	3	1	n/a	80	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Smith (dupe for Fivemile Creek)	119	Upland	7	1	n/a	56	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Smith Drain	89	Upland	3	18	165	168	15	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Smith Inlet	88	Upland	3	9	60	62	7	0	n/a	n/a	n/a	0	n/a	n/a	n/a

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 1. Data Summary: Total Phosphorus, Flow and Daily Total Phosphorus Loading**

Site Name	Site ID	Location	Data Source	TP (µg/l)				Flow (cfs)				TP Loading (kg/day)			
				n	θ	ȳ	σ	n	θ	ȳ	σ	n	θ	ȳ	σ
Sprague R. @ Chiloquin Bridge	141	Upland	11	2	n/a	75	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Chiloquin Ridge Rd.	142	Upland	11	3	50	57	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Godowa Springs Rd. bridge	143	Upland	11	3	90	90	10	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Hwy 140 Public Access	144	Upland	11	1	n/a	80	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Hwy 858 Bridge	145	Upland	11	2	n/a	55	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Klamath Co. Public Access	146	Upland	11	3	90	83	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Rabb property	151	Upland	11	2	n/a	85	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Saddle Mtn. Pit Rd.	147	Upland	11	4	75	75	21	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Sprague R. Rd. bridge	148	Upland	11	3	70	77	12	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. @ Sprague R. Rd. bridge	149	Upland	11	3	70	67	15	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. Bridge 858-02	152	Upland	11	1	n/a	90	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. near hwy 140, M.P. 45	150	Upland	11	3	80	83	6	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sprague R. upstream Chiloquin	153	Upland	11	2	n/a	50	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Spring Creek	72	Upland	4	7	80	81	7	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Spring Creek Springs	69	Upland	3	3	90	87	6	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sucker Springs	36	Upland	1	6	57	57	4	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sun Creek at Crater L. NPS bndry	51	Upland	2	21	40	38	16	21	12.3	16.0	9.2	21	1.2	1.4	0.8
Sun Creek private/ODF bndry	52	Upland	2	22	40	41	20	22	5.7	6.4	5.1	22	0.5	0.6	0.5
Sun Creek upstream Annie Cr.	53	Upland	2	21	70	106	175	22	1.5	2.2	2.8	21	0.3	0.4	0.5
Sycan R. @ Drews Rd.	154	Upland	11	4	65	65	13	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sycan River above Sycan Marsh	120	Upland	7	1	n/a	18	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Sycan River below Sycan Marsh	121	Upland	7	1	n/a	45	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Tecumseh Springs	37	Upland	1	3	87	83	8	3	2.7	4.2	3.2	3	0.6	0.8	0.5
Threemile Creek	1	Upland	1	4	24	23	3	1	n/a	0.4	n/a	1	n/a	0.0	n/a
Threemile Creek	122	Upland	7	1	n/a	31	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Threemile Creek Springs	64	Upland	3	1	n/a	20	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Tulana Ranch Pump	39	Upland	1	29	274	335	220	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Varney Creek	40	Upland	1	1	n/a	21	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson River at Modoc Pt. Rd.	46	Upland	1	153	82	92	33	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R. @ Military Crossing Rd.	155	Upland	11	3	70	80	17	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R. d/s of Sprague R.	156	Upland	11	3	100	100	10	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R. @ Silver Lake Rd	157	Upland	11	2	n/a	85	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R. @ USGS Kirk station	158	Upland	11	4	90	93	21	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R. @ Williamson C.G.	159	Upland	11	3	90	100	17	0	n/a	n/a	n/a	0	n/a	n/a	n/a



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 1. Data Summary: Total Phosphorus, Flow and Daily Total Phosphorus Loading**

Site Name	Site ID	Location	Data Source	TP (µg/l)				Flow (cfs)				TP Loading (kg/day)			
				n	θ	$\bar{y}$	σ	n	θ	$\bar{y}$	σ	n	θ	$\bar{y}$	σ
Williamson River @ UKL	80	Upland	3	2	n/a	60	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson River 49 Road x-ing	123	Upland	7	1	n/a	61	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson River above Spring Creek	78	Upland	3	1	n/a	80	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson R at Store	175	Upland	11	1	n/a	80	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Williamson River head of river springs	124	Upland	7	1	n/a	55	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wocus Drain	85	Upland	3	41	180	175	47	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wocus,Caledonia Canal South Pump	33	Upland	1	1	n/a	124	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River @ Agency Bridge	94	Upland	3	2	n/a	90	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River @ Loosley Rd. Bridge	77	Upland	3	2	n/a	110	n/a	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River at Dike Rd.	41	Upland	1	151	109	128	57	104	323.5	323.8	147	102	85.1	103	76.3
Wood River at Weed Rd.	43	Upland	1	128	83	87	21	70	276.9	286.3	108	68	53.8	56.2	25.3
Wood River Dixon Rd.	42	Upland	1,4	9	70	69	15	10	184.0	185.0	33.2	7	32.7	29.6	9.6
Wood River Drain	96	Upland	3	27	160	156	74	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River Ranch Pump East to Wood R.	44	Upland	1	19	755	920	614	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River Ranch Pump W. to 7mile	45	Upland	1	23	798	841	390	0	n/a	n/a	n/a	0	n/a	n/a	n/a
Wood River Springs	104	Upland	6,8	10	85	92	16	4	146.6	170.0	66.4	4	28.7	33.3	13.0
Ambrose McAuliffe Ranch	109	Well	3	2	n/a	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Artesian Well (corral)	92	Well	3	5	190	194	11	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Artesian Well (NW of bridge)	91	Well	3	5	220	224	21	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Church House	113	Well	3	2	n/a	740	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ft. Klamath Telephone Co.	114	Well	3	2	n/a	310	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Horseshoe Resort	112	Well	3	2	n/a	700	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Leo Porter Residence	110	Well	3	3	760	767	21	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
McNeary Residence	115	Well	3	1	n/a	1560	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Sevenmile Rd.	108	Well	3	2	n/a	95	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Will McAuliffe Residence	111	Well	3	2	n/a	1165	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
24-Oct-94	162	Yes	Lake	Agency Jake's	1		60	
11-Oct-94	162	Yes	Lake	Agency Jake's	1		93	
13-Sep-94	162	Yes	Lake	Agency Jake's	1		111	
26-Sep-94	162	Yes	Lake	Agency Jake's	1		177	
12-Aug-98	160	Yes	Lake	Agency North	1		8	
25-Aug-98	160	Yes	Lake	Agency North	1		52	
01-Nov-95	160	Yes	Lake	Agency North	1		55	
29-Apr-98	160	Yes	Lake	Agency North	1		55	
08-Sep-98	160	Yes	Lake	Agency North	1		58	
21-Nov-91	160	Yes	Lake	Agency North	1		62	
18-Mar-92	160	Yes	Lake	Agency North	1		63	
22-Sep-92	160	Yes	Lake	Agency North	1		63	
10-May-94	160	Yes	Lake	Agency North	1		64	
24-Apr-96	160	Yes	Lake	Agency North	1		66	
13-Oct-93	160	Yes	Lake	Agency North	1		67	
17-Nov-93	160	Yes	Lake	Agency North	1		67	
22-Sep-98	160	Yes	Lake	Agency North	1		68	
28-Feb-92	160	Yes	Lake	Agency North	1		68	
26-Mar-97	160	Yes	Lake	Agency North	1		68	
18-Apr-95	160	Yes	Lake	Agency North	1		69	
18-May-98	160	Yes	Lake	Agency North	1		72	
20-Nov-95	160	Yes	Lake	Agency North	1		73	
06-May-97	160	Yes	Lake	Agency North	1		74	
12-Mar-97	160	Yes	Lake	Agency North	1		76	
26-Oct-93	160	Yes	Lake	Agency North	1		76	
03-May-95	160	Yes	Lake	Agency North	1		81	
15-Oct-92	160	Yes	Lake	Agency North	1		83	
04-Apr-95	160	Yes	Lake	Agency North	1		83	
23-Apr-92	160	Yes	Lake	Agency North	1		84	
17-Jun-98	160	Yes	Lake	Agency North	1		84	
24-May-94	160	Yes	Lake	Agency North	1		86	
06-May-92	160	Yes	Lake	Agency North	1		86	
16-May-95	160	Yes	Lake	Agency North	1		87	
01-Sep-94	160	Yes	Lake	Agency North	1		87	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
22-Mar-94	160	Yes	Lake	Agency North	1		90	
13-Aug-92	160	Yes	Lake	Agency North	1		91	
31-May-95	160	Yes	Lake	Agency North	1		92	
26-Aug-92	160	Yes	Lake	Agency North	1		100	
04-Oct-95	160	Yes	Lake	Agency North	1		115	
18-Oct-95	160	Yes	Lake	Agency North	1		118	
09-Oct-91	160	Yes	Lake	Agency North	1		124	
20-May-97	160	Yes	Lake	Agency North	1		124	
03-Jun-92	160	Yes	Lake	Agency North	1		128	
17-Jun-93	160	Yes	Lake	Agency North	1		134	
19-Jun-91	160	Yes	Lake	Agency North	1		136	
21-Apr-93	160	Yes	Lake	Agency North	1		138	
05-Jun-91	160	Yes	Lake	Agency North	1		141	
12-Aug-97	160	Yes	Lake	Agency North	1		143	
14-Jul-92	160	Yes	Lake	Agency North	1		146	
11-May-93	160	Yes	Lake	Agency North	1		153	
20-May-92	160	Yes	Lake	Agency North	1		160	
20-Sep-93	160	Yes	Lake	Agency North	1		160	
03-Jun-93	160	Yes	Lake	Agency North	1		175	
08-Jun-94	160	Yes	Lake	Agency North	1		179	
28-Jul-98	160	Yes	Lake	Agency North	1		191	
16-Aug-94	160	Yes	Lake	Agency North	1		198	
15-Jun-95	160	Yes	Lake	Agency North	1		208	
27-Jun-95	160	Yes	Lake	Agency North	1		209	
30-Jun-98	160	Yes	Lake	Agency North	1		224	
08-Sep-93	160	Yes	Lake	Agency North	1		224	
03-Aug-94	160	Yes	Lake	Agency North	1		227	
16-Jul-97	160	Yes	Lake	Agency North	1		229	
30-Jun-93	160	Yes	Lake	Agency North	1		234	
01-Jul-91	160	Yes	Lake	Agency North	1		259	
28-Aug-91	160	Yes	Lake	Agency North	1		281	
14-Aug-91	160	Yes	Lake	Agency North	1		289	
17-Jun-92	160	Yes	Lake	Agency North	1		295	
02-Jul-92	160	Yes	Lake	Agency North	1		298	
25-Sep-91	160	Yes	Lake	Agency North	1		322	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
16-Jun-97	160	Yes	Lake	Agency North	1		340	
11-Sep-91	160	Yes	Lake	Agency North	1		375	
17-Jul-91	160	Yes	Lake	Agency North	1		384	
22-Aug-95	160	Yes	Lake	Agency North	1		394	
19-Sep-95	160	Yes	Lake	Agency North	1		404	
26-Jul-93	160	Yes	Lake	Agency North	1		409	
14-Jul-93	160	Yes	Lake	Agency North	1		412	
01-Aug-91	160	Yes	Lake	Agency North	1		424	
25-Aug-93	160	Yes	Lake	Agency North	1		433	
02-Jul-97	160	Yes	Lake	Agency North	1		482	
05-Sep-95	160	Yes	Lake	Agency North	1		509	
12-Aug-93	160	Yes	Lake	Agency North	1		511	
21-Jun-94	160	Yes	Lake	Agency North	1		531	
11-Jul-95	160	Yes	Lake	Agency North	1		537	
07-Jul-94	160	Yes	Lake	Agency North	1		555	
08-Aug-95	160	Yes	Lake	Agency North	1		562	
25-Jul-95	160	Yes	Lake	Agency North	1		695	
18-Mar-92	161	Yes	Lake	Agency South	1		37	
14-Oct-97	161	Yes	Lake	Agency South	1		37	
13-Aug-92	161	Yes	Lake	Agency South	1		39	
09-Sep-97	161	Yes	Lake	Agency South	1		39	
29-Apr-98	161	Yes	Lake	Agency South	1		43	
03-Jun-98	161	Yes	Lake	Agency South	1		47	
23-Sep-97	161	Yes	Lake	Agency South	1		50	
09-Apr-97	161	Yes	Lake	Agency South	1		52	
09-Apr-96	161	Yes	Lake	Agency South	1		54	
15-Apr-98	161	Yes	Lake	Agency South	1		55	
17-Nov-93	161	Yes	Lake	Agency South	1		56	
20-Nov-95	161	Yes	Lake	Agency South	1		56	
12-Mar-97	161	Yes	Lake	Agency South	1		56	
26-Mar-97	161	Yes	Lake	Agency South	1		57	
28-Feb-92	161	Yes	Lake	Agency South	1		57	
26-Oct-93	161	Yes	Lake	Agency South	1		57	
31-Oct-96	161	Yes	Lake	Agency South	1		57	
22-Sep-98	161	Yes	Lake	Agency South	1		57	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
27-Nov-90	161	Yes	Lake	Agency South	1		58	
06-May-97	161	Yes	Lake	Agency South	1		59	
16-May-95	161	Yes	Lake	Agency South	1		60	
22-Mar-94	161	Yes	Lake	Agency South	1		61	
31-May-95	161	Yes	Lake	Agency South	1		61	
13-Oct-93	161	Yes	Lake	Agency South	1		63	
28-Apr-94	161	Yes	Lake	Agency South	1		66	
24-Apr-96	161	Yes	Lake	Agency South	1		66	
03-May-95	161	Yes	Lake	Agency South	1		67	
25-Feb-91	161	Yes	Lake	Agency South	1		67	
06-May-92	161	Yes	Lake	Agency South	1		67	
18-Apr-95	161	Yes	Lake	Agency South	1		69	
05-Jun-91	161	Yes	Lake	Agency South	1		69	
04-Apr-95	161	Yes	Lake	Agency South	1		70	
10-May-94	161	Yes	Lake	Agency South	1		70	
21-Nov-91	161	Yes	Lake	Agency South	1		71	
01-Nov-95	161	Yes	Lake	Agency South	1		71	
27-Aug-97	161	Yes	Lake	Agency South	1		71	
20-Mar-96	161	Yes	Lake	Agency South	1		72	
16-Mar-90	161	Yes	Lake	Agency South	1		76	
03-Apr-91	161	Yes	Lake	Agency South	1		76	
23-Apr-92	161	Yes	Lake	Agency South	1		76	
19-Jun-91	161	Yes	Lake	Agency South	1		77	
26-Aug-92	161	Yes	Lake	Agency South	1		82	
24-May-94	161	Yes	Lake	Agency South	1		86	
08-Apr-92	161	Yes	Lake	Agency South	1		87	
21-Apr-93	161	Yes	Lake	Agency South	1		87	
01-Oct-96	161	Yes	Lake	Agency South	1		88	
08-Sep-98	161	Yes	Lake	Agency South	1		89	
01-Jul-91	161	Yes	Lake	Agency South	1		89	
16-May-90	161	Yes	Lake	Agency South	1		91	
25-Aug-98	161	Yes	Lake	Agency South	1		91	
22-Sep-92	161	Yes	Lake	Agency South	1		95	
20-May-92	161	Yes	Lake	Agency South	1		96	
30-Jun-98	161	Yes	Lake	Agency South	1		98	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
03-Jun-93	161	Yes	Lake	Agency South	1		99	
11-May-93	161	Yes	Lake	Agency South	1		100	
01-Sep-94	161	Yes	Lake	Agency South	1		101	
20-Sep-93	161	Yes	Lake	Agency South	1		102	
29-May-96	161	Yes	Lake	Agency South	1		104	
03-Jun-92	161	Yes	Lake	Agency South	1		105	
31-Oct-91	161	Yes	Lake	Agency South	1		110	
17-Jun-93	161	Yes	Lake	Agency South	1		112	
30-Apr-91	161	Yes	Lake	Agency South	1		118	
15-Oct-92	161	Yes	Lake	Agency South	1		118	
08-Jan-93	161	Yes	Lake	Agency South	1		118	
20-May-97	161	Yes	Lake	Agency South	1		119	
08-Jun-94	161	Yes	Lake	Agency South	1		120	
14-Jul-92	161	Yes	Lake	Agency South	1		125	
24-Jun-96	161	Yes	Lake	Agency South	1		125	
11-Jun-90	161	Yes	Lake	Agency South	1		127	
12-Aug-98	161	Yes	Lake	Agency South	1		128	
18-Oct-95	161	Yes	Lake	Agency South	1		131	
16-Oct-96	161	Yes	Lake	Agency South	1		141	
18-May-98	161	Yes	Lake	Agency South	1		143	
16-Aug-94	161	Yes	Lake	Agency South	1		155	
31-Jul-90	161	Yes	Lake	Agency South	1		161	
12-Aug-97	161	Yes	Lake	Agency South	1		161	
08-Sep-93	161	Yes	Lake	Agency South	1		163	
25-Aug-93	161	Yes	Lake	Agency South	1		172	
02-Mar-93	161	Yes	Lake	Agency South	1		174	
27-Jun-95	161	Yes	Lake	Agency South	1		175	
22-Jun-90	161	Yes	Lake	Agency South	1		177	
11-Sep-90	161	Yes	Lake	Agency South	1		179	
30-Jul-97	161	Yes	Lake	Agency South	1		182	
04-Sep-90	161	Yes	Lake	Agency South	1		189	
04-Oct-95	161	Yes	Lake	Agency South	1		189	
17-Jun-98	161	Yes	Lake	Agency South	1		200	
08-Jul-96	161	Yes	Lake	Agency South	1		203	
29-Jun-90	161	Yes	Lake	Agency South	1		206	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
16-Jun-97	161	Yes	Lake	Agency South	1		206	
28-Jul-98	161	Yes	Lake	Agency South	1		207	
30-Jun-93	161	Yes	Lake	Agency South	1		208	
16-Sep-96	161	Yes	Lake	Agency South	1		213	
14-Jul-98	161	Yes	Lake	Agency South	1		213	
02-Jul-97	161	Yes	Lake	Agency South	1		222	
04-Sep-96	161	Yes	Lake	Agency South	1		238	
15-Jun-95	161	Yes	Lake	Agency South	1		245	
17-Oct-90	161	Yes	Lake	Agency South	1		248	
18-Jul-90	161	Yes	Lake	Agency South	1		249	
21-Aug-90	161	Yes	Lake	Agency South	1		249	
09-Jul-90	161	Yes	Lake	Agency South	1		259	
09-Oct-90	161	Yes	Lake	Agency South	1		265	
18-Sep-90	161	Yes	Lake	Agency South	1		269	
16-Jul-97	161	Yes	Lake	Agency South	1		274	
08-Aug-90	161	Yes	Lake	Agency South	1		275	
26-Jul-90	161	Yes	Lake	Agency South	1		278	
14-Aug-90	161	Yes	Lake	Agency South	1		278	
25-Jul-95	161	Yes	Lake	Agency South	1		290	
06-Aug-96	161	Yes	Lake	Agency South	1		291	
14-Aug-91	161	Yes	Lake	Agency South	1		298	
05-Sep-95	161	Yes	Lake	Agency South	1		304	
24-Jul-96	161	Yes	Lake	Agency South	1		309	
14-Jul-93	161	Yes	Lake	Agency South	1		313	
21-Jun-94	161	Yes	Lake	Agency South	1		315	
17-Jul-91	161	Yes	Lake	Agency South	1		324	
25-Sep-91	161	Yes	Lake	Agency South	1		328	
25-Sep-91	161	Yes	Lake	Agency South	1		331	
01-Aug-91	161	Yes	Lake	Agency South	1		337	
20-Aug-96	161	Yes	Lake	Agency South	1		358	
19-Sep-95	161	Yes	Lake	Agency South	1		367	
11-Jul-95	161	Yes	Lake	Agency South	1		378	
28-Aug-91	161	Yes	Lake	Agency South	1		401	
02-Jul-92	161	Yes	Lake	Agency South	1		401	
26-Jul-93	161	Yes	Lake	Agency South	1		402	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
11-Sep-91	161	Yes	Lake	Agency South	1		421	
22-Aug-95	161	Yes	Lake	Agency South	1		425	
12-Aug-93	161	Yes	Lake	Agency South	1		430	
07-Jul-94	161	Yes	Lake	Agency South	1		501	
11-Jun-96	161	Yes	Lake	Agency South	1		550	
08-Aug-95	161	Yes	Lake	Agency South	1		567	
17-Jun-92	161	Yes	Lake	Agency South	1		648	
03-Aug-94	161	Yes	Lake	Agency South	1		658	
19-Jul-94	161	Yes	Lake	Agency South	1		716	
04-Nov-98	82	Yes	Lake	Algoma Slough (west of Hwy)	3		100	
23-Dec-98	86	Yes	Lake	Caladonia Inlet	3		50	
23-Dec-98	86	Yes	Lake	Caladonia Inlet	3		40	
30-Dec-98	86	Yes	Lake	Caladonia Inlet	3		40	
06-Jan-99	86	Yes	Lake	Caladonia Inlet	3		40	
13-Jan-99	86	Yes	Lake	Caladonia Inlet	3		50	
19-Jan-99	86	Yes	Lake	Caladonia Inlet	3		60	
03-Jan-00	86	Yes	Lake	Caladonia Inlet	3		90	
03-Jan-00	86	Yes	Lake	Caladonia Inlet	3		90	
10-Jan-00	86	Yes	Lake	Caladonia Inlet	3		60	
10-Jan-00	86	Yes	Lake	Caladonia Inlet	3		50	
19-Jan-00	86	Yes	Lake	Caladonia Inlet	3		50	
19-Jan-00	86	Yes	Lake	Caladonia Inlet	3		50	
24-Jan-00	86	Yes	Lake	Caladonia Inlet	3		50	
24-Jan-00	86	Yes	Lake	Caladonia Inlet	3		50	
31-Jan-00	86	Yes	Lake	Caladonia Inlet	3		90	
31-Jan-00	86	Yes	Lake	Caladonia Inlet	3		60	
29-Apr-98	164	Yes	Lake	Coon Point	1		38	
03-Jun-98	164	Yes	Lake	Coon Point	1		52	
30-Jun-98	164	Yes	Lake	Coon Point	1		59	
18-May-98	164	Yes	Lake	Coon Point	1		72	
23-Sep-97	164	Yes	Lake	Coon Point	1		146	
16-Jul-97	164	Yes	Lake	Coon Point	1		163	
17-Jun-98	164	Yes	Lake	Coon Point	1		180	
09-Sep-97	164	Yes	Lake	Coon Point	1		182	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
28-Jul-98	164	Yes	Lake	Coon Point	1		194	
25-Aug-98	164	Yes	Lake	Coon Point	1		199	
22-Sep-98	164	Yes	Lake	Coon Point	1		222	
30-Jul-97	164	Yes	Lake	Coon Point	1		223	
12-Aug-97	164	Yes	Lake	Coon Point	1		234	
27-Aug-97	164	Yes	Lake	Coon Point	1		237	
12-Aug-98	164	Yes	Lake	Coon Point	1		239	
08-Sep-98	164	Yes	Lake	Coon Point	1		252	
09-Apr-96	165	Yes	Lake	Eagle Ridge	1		25	
24-Apr-96	165	Yes	Lake	Eagle Ridge	1		28	
26-Mar-97	165	Yes	Lake	Eagle Ridge	1		31	
06-May-97	165	Yes	Lake	Eagle Ridge	1		37	
25-Oct-94	165	Yes	Lake	Eagle Ridge	1		41	
26-Oct-93	165	Yes	Lake	Eagle Ridge	1		42	
31-May-95	165	Yes	Lake	Eagle Ridge	1		43	
09-Apr-97	165	Yes	Lake	Eagle Ridge	1		43	
03-Jun-98	165	Yes	Lake	Eagle Ridge	1		46	
18-Mar-92	165	Yes	Lake	Eagle Ridge	1		47	
22-Mar-94	165	Yes	Lake	Eagle Ridge	1		48	
17-Jun-98	165	Yes	Lake	Eagle Ridge	1		48	
13-Aug-92	165	Yes	Lake	Eagle Ridge	1		49	
12-Mar-97	165	Yes	Lake	Eagle Ridge	1		49	
03-May-95	165	Yes	Lake	Eagle Ridge	1		51	
18-May-98	165	Yes	Lake	Eagle Ridge	1		52	
10-May-94	165	Yes	Lake	Eagle Ridge	1		53	
11-Jun-96	165	Yes	Lake	Eagle Ridge	1		53	
24-May-94	165	Yes	Lake	Eagle Ridge	1		54	
08-Jun-94	165	Yes	Lake	Eagle Ridge	1		54	
15-Apr-98	165	Yes	Lake	Eagle Ridge	1		54	
20-Mar-96	165	Yes	Lake	Eagle Ridge	1		55	
16-Mar-90	165	Yes	Lake	Eagle Ridge	1		55	
13-Oct-93	165	Yes	Lake	Eagle Ridge	1		57	
17-Nov-93	165	Yes	Lake	Eagle Ridge	1		57	
29-May-96	165	Yes	Lake	Eagle Ridge	1		58	
28-Apr-94	165	Yes	Lake	Eagle Ridge	1		60	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
30-Apr-91	165	Yes	Lake	Eagle Ridge	1		62	
28-Feb-92	165	Yes	Lake	Eagle Ridge	1		62	
25-Feb-91	165	Yes	Lake	Eagle Ridge	1		63	
16-Mar-90	165	Yes	Lake	Eagle Ridge	1		63	
11-May-93	165	Yes	Lake	Eagle Ridge	1		65	
03-Apr-91	165	Yes	Lake	Eagle Ridge	1		66	
04-Apr-95	165	Yes	Lake	Eagle Ridge	1		67	
25-Feb-91	165	Yes	Lake	Eagle Ridge	1		67	
25-Feb-91	165	Yes	Lake	Eagle Ridge	1		68	
20-May-97	165	Yes	Lake	Eagle Ridge	1		68	
30-Apr-91	165	Yes	Lake	Eagle Ridge	1		69	
03-Apr-91	165	Yes	Lake	Eagle Ridge	1		71	
16-May-95	165	Yes	Lake	Eagle Ridge	1		72	
18-Jan-90	165	Yes	Lake	Eagle Ridge	1		72	
03-Apr-91	165	Yes	Lake	Eagle Ridge	1		73	
06-May-92	165	Yes	Lake	Eagle Ridge	1		74	
20-Sep-93	165	Yes	Lake	Eagle Ridge	1		75	
18-Jan-90	165	Yes	Lake	Eagle Ridge	1		76	
18-Apr-95	165	Yes	Lake	Eagle Ridge	1		77	
18-Jan-90	165	Yes	Lake	Eagle Ridge	1		77	
17-Jun-93	165	Yes	Lake	Eagle Ridge	1		78	
11-Jun-90	165	Yes	Lake	Eagle Ridge	1		80	
21-Apr-93	165	Yes	Lake	Eagle Ridge	1		80	
30-Apr-91	165	Yes	Lake	Eagle Ridge	1		83	
05-Jun-91	165	Yes	Lake	Eagle Ridge	1		85	
11-Nov-92	165	Yes	Lake	Eagle Ridge	1		87	
19-Jun-91	165	Yes	Lake	Eagle Ridge	1		89	
03-Jun-93	165	Yes	Lake	Eagle Ridge	1		89	
08-Apr-92	165	Yes	Lake	Eagle Ridge	1		91	
24-Jun-96	165	Yes	Lake	Eagle Ridge	1		91	
25-Aug-93	165	Yes	Lake	Eagle Ridge	1		92	
21-Jun-94	165	Yes	Lake	Eagle Ridge	1		93	
11-Jun-90	165	Yes	Lake	Eagle Ridge	1		93	
16-Mar-90	165	Yes	Lake	Eagle Ridge	1		94	
30-Jun-98	165	Yes	Lake	Eagle Ridge	1		94	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
11-Jun-90	165	Yes	Lake	Eagle Ridge	1		96	
22-Oct-92	165	Yes	Lake	Eagle Ridge	1		96	
23-Apr-92	165	Yes	Lake	Eagle Ridge	1		97	
30-Jun-93	165	Yes	Lake	Eagle Ridge	1		97	
16-May-90	165	Yes	Lake	Eagle Ridge	1		99	
12-Aug-93	165	Yes	Lake	Eagle Ridge	1		100	
16-May-90	165	Yes	Lake	Eagle Ridge	1		103	
20-May-92	165	Yes	Lake	Eagle Ridge	1		104	
08-Jul-96	165	Yes	Lake	Eagle Ridge	1		106	
01-Sep-94	165	Yes	Lake	Eagle Ridge	1		111	
29-Apr-98	165	Yes	Lake	Eagle Ridge	1		112	
21-Nov-91	165	Yes	Lake	Eagle Ridge	1		115	
13-Sep-94	165	Yes	Lake	Eagle Ridge	1		115	
07-Jul-94	165	Yes	Lake	Eagle Ridge	1		116	
26-Jul-93	165	Yes	Lake	Eagle Ridge	1		119	
20-Nov-95	165	Yes	Lake	Eagle Ridge	1		119	
27-Nov-90	165	Yes	Lake	Eagle Ridge	1		121	
01-Jul-91	165	Yes	Lake	Eagle Ridge	1		123	
03-Jun-92	165	Yes	Lake	Eagle Ridge	1		123	
27-Sep-94	165	Yes	Lake	Eagle Ridge	1		123	
11-Oct-94	165	Yes	Lake	Eagle Ridge	1		125	
15-Jun-95	165	Yes	Lake	Eagle Ridge	1		126	
27-Jun-95	165	Yes	Lake	Eagle Ridge	1		127	
08-Sep-93	165	Yes	Lake	Eagle Ridge	1		127	
22-Jun-90	165	Yes	Lake	Eagle Ridge	1		129	
23-Sep-97	165	Yes	Lake	Eagle Ridge	1		130	
16-Aug-94	165	Yes	Lake	Eagle Ridge	1		133	
17-Jun-92	165	Yes	Lake	Eagle Ridge	1		136	
22-Sep-92	165	Yes	Lake	Eagle Ridge	1		136	
08-Oct-92	165	Yes	Lake	Eagle Ridge	1		138	
17-Jul-91	165	Yes	Lake	Eagle Ridge	1		143	
16-Jun-97	165	Yes	Lake	Eagle Ridge	1		144	
31-Oct-96	165	Yes	Lake	Eagle Ridge	1		148	
01-Nov-95	165	Yes	Lake	Eagle Ridge	1		154	
31-Jul-90	165	Yes	Lake	Eagle Ridge	1		157	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
01-Oct-96	165	Yes	Lake	Eagle Ridge	1		158	
08-Aug-90	165	Yes	Lake	Eagle Ridge	1		159	
22-Sep-98	165	Yes	Lake	Eagle Ridge	1		159	
25-Jul-95	165	Yes	Lake	Eagle Ridge	1		162	
03-Aug-94	165	Yes	Lake	Eagle Ridge	1		164	
06-Aug-96	165	Yes	Lake	Eagle Ridge	1		166	
04-Oct-95	165	Yes	Lake	Eagle Ridge	1		167	
21-Aug-90	165	Yes	Lake	Eagle Ridge	1		169	
16-Oct-96	165	Yes	Lake	Eagle Ridge	1		171	
04-Sep-90	165	Yes	Lake	Eagle Ridge	1		172	
14-Aug-90	165	Yes	Lake	Eagle Ridge	1		172	
31-Oct-91	165	Yes	Lake	Eagle Ridge	1		174	
22-Aug-95	165	Yes	Lake	Eagle Ridge	1		175	
16-Jul-97	165	Yes	Lake	Eagle Ridge	1		176	
18-Oct-95	165	Yes	Lake	Eagle Ridge	1		180	
11-Jul-95	165	Yes	Lake	Eagle Ridge	1		181	
18-Jul-90	165	Yes	Lake	Eagle Ridge	1		182	
02-Jul-97	165	Yes	Lake	Eagle Ridge	1		182	
08-Aug-95	165	Yes	Lake	Eagle Ridge	1		186	
16-May-90	165	Yes	Lake	Eagle Ridge	1		191	
29-Jun-90	165	Yes	Lake	Eagle Ridge	1		191	
04-Sep-96	165	Yes	Lake	Eagle Ridge	1		191	
14-Jul-98	165	Yes	Lake	Eagle Ridge	1		191	
28-Jul-98	165	Yes	Lake	Eagle Ridge	1		193	
24-Jul-96	165	Yes	Lake	Eagle Ridge	1		198	
20-Aug-96	165	Yes	Lake	Eagle Ridge	1		201	
27-Aug-97	165	Yes	Lake	Eagle Ridge	1		201	
25-Sep-91	165	Yes	Lake	Eagle Ridge	1		201	
12-Aug-97	165	Yes	Lake	Eagle Ridge	1		202	
25-Sep-91	165	Yes	Lake	Eagle Ridge	1		204	
08-Sep-98	165	Yes	Lake	Eagle Ridge	1		209	
16-Sep-96	165	Yes	Lake	Eagle Ridge	1		214	
26-Jul-90	165	Yes	Lake	Eagle Ridge	1		215	
26-Aug-92	165	Yes	Lake	Eagle Ridge	1		217	
01-Aug-91	165	Yes	Lake	Eagle Ridge	1		218	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Aug-98	165	Yes	Lake	Eagle Ridge	1		218	
14-Aug-91	165	Yes	Lake	Eagle Ridge	1		222	
09-Oct-91	165	Yes	Lake	Eagle Ridge	1		223	
29-Jul-92	165	Yes	Lake	Eagle Ridge	1		230	
14-Jul-93	165	Yes	Lake	Eagle Ridge	1		231	
25-Aug-98	165	Yes	Lake	Eagle Ridge	1		231	
11-Sep-90	165	Yes	Lake	Eagle Ridge	1		234	
30-Jul-97	165	Yes	Lake	Eagle Ridge	1		239	
02-Jul-92	165	Yes	Lake	Eagle Ridge	1		253	
18-Sep-90	165	Yes	Lake	Eagle Ridge	1		264	
09-Sep-97	165	Yes	Lake	Eagle Ridge	1		272	
28-Aug-91	165	Yes	Lake	Eagle Ridge	1		279	
11-Sep-91	165	Yes	Lake	Eagle Ridge	1		288	
05-Sep-95	165	Yes	Lake	Eagle Ridge	1		311	
09-Jul-90	165	Yes	Lake	Eagle Ridge	1		317	
19-Sep-95	165	Yes	Lake	Eagle Ridge	1		341	
09-Oct-90	165	Yes	Lake	Eagle Ridge	1		354	
14-Jul-92	165	Yes	Lake	Eagle Ridge	1		379	
17-Oct-90	165	Yes	Lake	Eagle Ridge	1		404	
14-Oct-97	165	Yes	Lake	Eagle Ridge	1		413	
24-Apr-96	166	Yes	Lake	Fremont Bridge	1		19	
09-Apr-96	166	Yes	Lake	Fremont Bridge	1		20	
03-Apr-96	166	Yes	Lake	Fremont Bridge	1		33	
10-May-94	166	Yes	Lake	Fremont Bridge	1		37	
24-Oct-94	166	Yes	Lake	Fremont Bridge	1		39	
11-Mar-98	166	Yes	Lake	Fremont Bridge	1		40	
07-Apr-98	166	Yes	Lake	Fremont Bridge	1		41	
24-Mar-98	166	Yes	Lake	Fremont Bridge	1		43	
20-Mar-96	166	Yes	Lake	Fremont Bridge	1		44	
24-May-94	166	Yes	Lake	Fremont Bridge	1		47	
26-Feb-98	166	Yes	Lake	Fremont Bridge	1		51	
11-Jun-96	166	Yes	Lake	Fremont Bridge	1		52	
08-Jan-97	166	Yes	Lake	Fremont Bridge	1		53	
29-May-96	166	Yes	Lake	Fremont Bridge	1		54	
24-Jun-96	166	Yes	Lake	Fremont Bridge	1		57	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
07-Mar-95	166	Yes	Lake	Fremont Bridge	1		60	
27-Feb-95	166	Yes	Lake	Fremont Bridge	1		61	
02-Feb-98	166	Yes	Lake	Fremont Bridge	1		68	
08-Jun-94	166	Yes	Lake	Fremont Bridge	1		71	
13-Feb-96	166	Yes	Lake	Fremont Bridge	1		72	
18-Feb-97	166	Yes	Lake	Fremont Bridge	1		73	
26-Feb-96	166	Yes	Lake	Fremont Bridge	1		74	
02-Jan-97	166	Yes	Lake	Fremont Bridge	1		79	
13-Jan-98	166	Yes	Lake	Fremont Bridge	1		82	
29-Jan-97	166	Yes	Lake	Fremont Bridge	1		83	
02-Jan-96	166	Yes	Lake	Fremont Bridge	1		85	
13-Dec-95	166	Yes	Lake	Fremont Bridge	1		86	
31-Oct-94	166	Yes	Lake	Fremont Bridge	1		87	
29-Nov-94	166	Yes	Lake	Fremont Bridge	1		88	
22-Nov-94	166	Yes	Lake	Fremont Bridge	1		99	
22-Feb-95	166	Yes	Lake	Fremont Bridge	1		101	
08-Jul-96	166	Yes	Lake	Fremont Bridge	1		102	
10-Nov-94	166	Yes	Lake	Fremont Bridge	1		106	
11-Oct-94	166	Yes	Lake	Fremont Bridge	1		109	
15-Nov-94	166	Yes	Lake	Fremont Bridge	1		115	
16-Oct-96	166	Yes	Lake	Fremont Bridge	1		115	
06-Sep-94	166	Yes	Lake	Fremont Bridge	1		116	
24-Jul-96	166	Yes	Lake	Fremont Bridge	1		116	
21-Jun-94	166	Yes	Lake	Fremont Bridge	1		117	
18-Oct-94	166	Yes	Lake	Fremont Bridge	1		122	
19-Sep-94	166	Yes	Lake	Fremont Bridge	1		124	
13-Sep-94	166	Yes	Lake	Fremont Bridge	1		125	
26-Sep-94	166	Yes	Lake	Fremont Bridge	1		125	
02-Aug-96	166	Yes	Lake	Fremont Bridge	1		125	
31-Oct-96	166	Yes	Lake	Fremont Bridge	1		146	
19-Jul-94	166	Yes	Lake	Fremont Bridge	1		167	
04-Sep-96	166	Yes	Lake	Fremont Bridge	1		173	
07-Jul-94	166	Yes	Lake	Fremont Bridge	1		183	
27-Aug-96	166	Yes	Lake	Fremont Bridge	1		202	
16-Sep-96	166	Yes	Lake	Fremont Bridge	1		256	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
01-Oct-96	166	Yes	Lake	Fremont Bridge	1		322	
24-Apr-96	167	Yes	Lake	Mid Lake	1		28	
26-Oct-93	167	Yes	Lake	Mid Lake	1		34	
09-Apr-96	167	Yes	Lake	Mid Lake	1		34	
03-Jun-93	167	Yes	Lake	Mid Lake	1		37	
26-Mar-97	167	Yes	Lake	Mid Lake	1		37	
10-May-94	167	Yes	Lake	Mid Lake	1		39	
29-May-96	167	Yes	Lake	Mid Lake	1		41	
31-May-95	167	Yes	Lake	Mid Lake	1		42	
03-Jun-98	167	Yes	Lake	Mid Lake	1		44	
16-May-95	167	Yes	Lake	Mid Lake	1		47	
09-Apr-97	167	Yes	Lake	Mid Lake	1		47	
29-Apr-98	167	Yes	Lake	Mid Lake	1		47	
25-Feb-91	167	Yes	Lake	Mid Lake	1		48	
24-May-94	167	Yes	Lake	Mid Lake	1		48	
08-Jun-94	167	Yes	Lake	Mid Lake	1		49	
06-May-97	167	Yes	Lake	Mid Lake	1		50	
20-May-97	167	Yes	Lake	Mid Lake	1		54	
13-Aug-92	167	Yes	Lake	Mid Lake	1		56	
03-May-95	167	Yes	Lake	Mid Lake	1		56	
12-Mar-97	167	Yes	Lake	Mid Lake	1		56	
11-May-93	167	Yes	Lake	Mid Lake	1		57	
17-Nov-93	167	Yes	Lake	Mid Lake	1		58	
28-Feb-92	167	Yes	Lake	Mid Lake	1		59	
16-Mar-90	167	Yes	Lake	Mid Lake	1		59	
18-Mar-92	167	Yes	Lake	Mid Lake	1		60	
22-Mar-94	167	Yes	Lake	Mid Lake	1		63	
21-Apr-93	167	Yes	Lake	Mid Lake	1		64	
17-Jun-93	167	Yes	Lake	Mid Lake	1		64	
04-Apr-95	167	Yes	Lake	Mid Lake	1		64	
18-May-98	167	Yes	Lake	Mid Lake	1		65	
08-Apr-92	167	Yes	Lake	Mid Lake	1		66	
11-Jun-96	167	Yes	Lake	Mid Lake	1		66	
25-Oct-94	167	Yes	Lake	Mid Lake	1		67	
30-Apr-91	167	Yes	Lake	Mid Lake	1		72	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
18-Apr-95	167	Yes	Lake	Mid Lake	1		73	
13-Oct-93	167	Yes	Lake	Mid Lake	1		74	
06-May-92	167	Yes	Lake	Mid Lake	1		76	
18-Jan-90	167	Yes	Lake	Mid Lake	1		77	
05-Jun-91	167	Yes	Lake	Mid Lake	1		79	
08-Sep-93	167	Yes	Lake	Mid Lake	1		79	
26-Jul-93	167	Yes	Lake	Mid Lake	1		80	
08-Jul-96	167	Yes	Lake	Mid Lake	1		81	
03-Jun-92	167	Yes	Lake	Mid Lake	1		81	
20-Mar-96	167	Yes	Lake	Mid Lake	1		84	
03-Apr-91	167	Yes	Lake	Mid Lake	1		86	
27-Jun-95	167	Yes	Lake	Mid Lake	1		87	
19-Jun-91	167	Yes	Lake	Mid Lake	1		87	
20-May-92	167	Yes	Lake	Mid Lake	1		92	
20-Nov-95	167	Yes	Lake	Mid Lake	1		92	
21-Jun-94	167	Yes	Lake	Mid Lake	1		94	
24-Jun-96	167	Yes	Lake	Mid Lake	1		97	
08-Oct-92	167	Yes	Lake	Mid Lake	1		101	
30-Jun-93	167	Yes	Lake	Mid Lake	1		102	
01-Sep-94	167	Yes	Lake	Mid Lake	1		104	
16-Jun-97	167	Yes	Lake	Mid Lake	1		109	
11-Oct-94	167	Yes	Lake	Mid Lake	1		111	
01-Oct-96	167	Yes	Lake	Mid Lake	1		112	
22-Oct-92	167	Yes	Lake	Mid Lake	1		113	
14-Jul-93	167	Yes	Lake	Mid Lake	1		114	
20-Sep-93	167	Yes	Lake	Mid Lake	1		114	
13-Sep-94	167	Yes	Lake	Mid Lake	1		114	
17-Jun-92	167	Yes	Lake	Mid Lake	1		115	
27-Sep-94	167	Yes	Lake	Mid Lake	1		116	
16-May-90	167	Yes	Lake	Mid Lake	1		117	
22-Sep-92	167	Yes	Lake	Mid Lake	1		117	
16-Oct-96	167	Yes	Lake	Mid Lake	1		117	
19-Jul-94	167	Yes	Lake	Mid Lake	1		121	
15-Jun-95	167	Yes	Lake	Mid Lake	1		121	
11-Jul-95	167	Yes	Lake	Mid Lake	1		122	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
22-Aug-95	167	Yes	Lake	Mid Lake	1		127	
08-Sep-98	167	Yes	Lake	Mid Lake	1		131	
18-Jul-90	167	Yes	Lake	Mid Lake	1		133	
21-Nov-91	167	Yes	Lake	Mid Lake	1		135	
14-Jul-98	167	Yes	Lake	Mid Lake	1		136	
25-Aug-93	167	Yes	Lake	Mid Lake	1		138	
16-Aug-94	167	Yes	Lake	Mid Lake	1		141	
24-Jul-96	167	Yes	Lake	Mid Lake	1		141	
11-Jun-90	167	Yes	Lake	Mid Lake	1		142	
12-Aug-93	167	Yes	Lake	Mid Lake	1		147	
12-Aug-97	167	Yes	Lake	Mid Lake	1		148	
31-Oct-96	167	Yes	Lake	Mid Lake	1		150	
17-Jul-91	167	Yes	Lake	Mid Lake	1		152	
17-Jun-98	167	Yes	Lake	Mid Lake	1		156	
05-Sep-95	167	Yes	Lake	Mid Lake	1		157	
16-Sep-96	167	Yes	Lake	Mid Lake	1		157	
22-Sep-98	167	Yes	Lake	Mid Lake	1		162	
07-Jul-94	167	Yes	Lake	Mid Lake	1		163	
25-Jul-95	167	Yes	Lake	Mid Lake	1		163	
01-Nov-95	167	Yes	Lake	Mid Lake	1		165	
18-Oct-95	167	Yes	Lake	Mid Lake	1		166	
31-Oct-91	167	Yes	Lake	Mid Lake	1		168	
09-Sep-97	167	Yes	Lake	Mid Lake	1		173	
06-Aug-96	167	Yes	Lake	Mid Lake	1		175	
14-Aug-91	167	Yes	Lake	Mid Lake	1		176	
12-Aug-98	167	Yes	Lake	Mid Lake	1		177	
08-Aug-95	167	Yes	Lake	Mid Lake	1		179	
03-Aug-94	167	Yes	Lake	Mid Lake	1		179	
25-Aug-98	167	Yes	Lake	Mid Lake	1		179	
26-Aug-92	167	Yes	Lake	Mid Lake	1		181	
14-Oct-97	167	Yes	Lake	Mid Lake	1		185	
30-Jun-98	167	Yes	Lake	Mid Lake	1		190	
04-Sep-96	167	Yes	Lake	Mid Lake	1		193	
09-Oct-91	167	Yes	Lake	Mid Lake	1		194	
01-Aug-91	167	Yes	Lake	Mid Lake	1		197	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
04-Oct-95	167	Yes	Lake	Mid Lake	1		198	
16-Jul-97	167	Yes	Lake	Mid Lake	1		201	
04-Sep-90	167	Yes	Lake	Mid Lake	1		207	
25-Sep-91	167	Yes	Lake	Mid Lake	1		210	
20-Aug-96	167	Yes	Lake	Mid Lake	1		216	
09-Oct-91	167	Yes	Lake	Mid Lake	1		229	
29-Jul-92	167	Yes	Lake	Mid Lake	1		239	
27-Aug-97	167	Yes	Lake	Mid Lake	1		255	
28-Aug-91	167	Yes	Lake	Mid Lake	1		255	
14-Jul-92	167	Yes	Lake	Mid Lake	1		272	
28-Jul-98	167	Yes	Lake	Mid Lake	1		278	
11-Sep-91	167	Yes	Lake	Mid Lake	1		305	
09-Oct-90	167	Yes	Lake	Mid Lake	1		323	
23-Sep-97	167	Yes	Lake	Mid Lake	1		327	
19-Sep-95	167	Yes	Lake	Mid Lake	1		328	
02-Jul-92	167	Yes	Lake	Mid Lake	1		333	
02-Jul-97	167	Yes	Lake	Mid Lake	1		357	
30-Jul-97	167	Yes	Lake	Mid Lake	1		373	
24-Apr-96	168	Yes	Lake	Mid North	1		25	
09-Apr-96	168	Yes	Lake	Mid North	1		26	
26-Mar-97	168	Yes	Lake	Mid North	1		29	
09-Apr-97	168	Yes	Lake	Mid North	1		29	
06-May-97	168	Yes	Lake	Mid North	1		33	
25-Oct-94	168	Yes	Lake	Mid North	1		35	
03-Jun-93	168	Yes	Lake	Mid North	1		38	
31-May-95	168	Yes	Lake	Mid North	1		38	
10-May-94	168	Yes	Lake	Mid North	1		39	
22-Mar-94	168	Yes	Lake	Mid North	1		41	
12-Mar-97	168	Yes	Lake	Mid North	1		41	
26-Oct-93	168	Yes	Lake	Mid North	1		42	
11-Jun-96	168	Yes	Lake	Mid North	1		42	
29-May-96	168	Yes	Lake	Mid North	1		43	
13-Oct-93	168	Yes	Lake	Mid North	1		45	
24-May-94	168	Yes	Lake	Mid North	1		45	
03-May-95	168	Yes	Lake	Mid North	1		45	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (ug/l)	TP Load (kg/day)
03-Jun-98	168	Yes	Lake	Mid North	1		45	
16-May-95	168	Yes	Lake	Mid North	1		47	
24-Jun-96	168	Yes	Lake	Mid North	1		47	
29-Apr-98	168	Yes	Lake	Mid North	1		47	
08-Jun-94	168	Yes	Lake	Mid North	1		48	
17-Nov-93	168	Yes	Lake	Mid North	1		51	
18-Mar-92	168	Yes	Lake	Mid North	1		53	
20-May-97	168	Yes	Lake	Mid North	1		53	
13-Aug-92	168	Yes	Lake	Mid North	1		54	
20-Mar-96	168	Yes	Lake	Mid North	1		54	
15-Apr-98	168	Yes	Lake	Mid North	1		55	
17-Jun-93	168	Yes	Lake	Mid North	1		57	
17-Jun-98	168	Yes	Lake	Mid North	1		57	
21-Apr-93	168	Yes	Lake	Mid North	1		59	
11-May-93	168	Yes	Lake	Mid North	1		59	
18-May-98	168	Yes	Lake	Mid North	1		61	
28-Apr-94	168	Yes	Lake	Mid North	1		62	
25-Feb-91	168	Yes	Lake	Mid North	1		65	
18-Apr-95	168	Yes	Lake	Mid North	1		66	
04-Apr-95	168	Yes	Lake	Mid North	1		67	
30-Apr-91	168	Yes	Lake	Mid North	1		69	
28-Feb-92	168	Yes	Lake	Mid North	1		69	
08-Sep-93	168	Yes	Lake	Mid North	1		69	
11-Nov-92	168	Yes	Lake	Mid North	1		72	
05-Jun-91	168	Yes	Lake	Mid North	1		75	
23-Apr-92	168	Yes	Lake	Mid North	1		77	
25-Aug-93	168	Yes	Lake	Mid North	1		78	
06-May-92	168	Yes	Lake	Mid North	1		79	
30-Jun-98	168	Yes	Lake	Mid North	1		79	
18-Jan-90	168	Yes	Lake	Mid North	1		81	
08-Jul-96	168	Yes	Lake	Mid North	1		81	
16-Jun-97	168	Yes	Lake	Mid North	1		83	
22-Oct-92	168	Yes	Lake	Mid North	1		91	
19-Jun-91	168	Yes	Lake	Mid North	1		95	
26-Jul-93	168	Yes	Lake	Mid North	1		97	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
16-Mar-90	168	Yes	Lake	Mid North	1		98	
08-Apr-92	168	Yes	Lake	Mid North	1		100	
27-Jun-95	168	Yes	Lake	Mid North	1		101	
16-Oct-96	168	Yes	Lake	Mid North	1		102	
20-Nov-95	168	Yes	Lake	Mid North	1		103	
20-May-92	168	Yes	Lake	Mid North	1		105	
21-Jun-94	168	Yes	Lake	Mid North	1		107	
30-Jun-93	168	Yes	Lake	Mid North	1		113	
01-Sep-94	168	Yes	Lake	Mid North	1		113	
24-Jul-96	168	Yes	Lake	Mid North	1		115	
28-Jul-94	168	Yes	Lake	Mid North	1		115	
27-Nov-90	168	Yes	Lake	Mid North	1		116	
08-Oct-92	168	Yes	Lake	Mid North	1		118	
11-Jun-90	168	Yes	Lake	Mid North	1		119	
21-Nov-91	168	Yes	Lake	Mid North	1		119	
02-Jul-97	168	Yes	Lake	Mid North	1		120	
03-Jun-92	168	Yes	Lake	Mid North	1		121	
20-Sep-93	168	Yes	Lake	Mid North	1		122	
15-Jun-95	168	Yes	Lake	Mid North	1		122	
03-Apr-91	168	Yes	Lake	Mid North	1		124	
13-Sep-94	168	Yes	Lake	Mid North	1		124	
24-Aug-94	168	Yes	Lake	Mid North	1		125	
18-Oct-95	168	Yes	Lake	Mid North	1		127	
11-Oct-94	168	Yes	Lake	Mid North	1		128	
25-Jul-95	168	Yes	Lake	Mid North	1		129	
01-Nov-95	168	Yes	Lake	Mid North	1		129	
21-Sep-94	168	Yes	Lake	Mid North	1		132	
27-Sep-94	168	Yes	Lake	Mid North	1		135	
29-Jun-90	168	Yes	Lake	Mid North	1		136	
11-Jul-95	168	Yes	Lake	Mid North	1		136	
04-Sep-96	168	Yes	Lake	Mid North	1		136	
14-Jul-98	168	Yes	Lake	Mid North	1		136	
16-Aug-94	168	Yes	Lake	Mid North	1		138	
01-Oct-96	168	Yes	Lake	Mid North	1		139	
19-Oct-94	168	Yes	Lake	Mid North	1		140	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
01-Jul-91	168	Yes	Lake	Mid North	1		141	
06-Aug-96	168	Yes	Lake	Mid North	1		144	
22-Aug-95	168	Yes	Lake	Mid North	1		148	
14-Jul-93	168	Yes	Lake	Mid North	1		151	
22-Sep-92	168	Yes	Lake	Mid North	1		154	
07-Jul-94	168	Yes	Lake	Mid North	1		159	
08-Sep-98	168	Yes	Lake	Mid North	1		164	
04-Oct-95	168	Yes	Lake	Mid North	1		168	
16-Sep-96	168	Yes	Lake	Mid North	1		174	
21-Aug-90	168	Yes	Lake	Mid North	1		176	
11-Sep-90	168	Yes	Lake	Mid North	1		177	
05-Oct-94	168	Yes	Lake	Mid North	1		178	
18-Sep-90	168	Yes	Lake	Mid North	1		184	
03-Aug-94	168	Yes	Lake	Mid North	1		185	
12-Aug-93	168	Yes	Lake	Mid North	1		187	
02-Jul-92	168	Yes	Lake	Mid North	1		189	
08-Aug-95	168	Yes	Lake	Mid North	1		189	
19-Sep-95	168	Yes	Lake	Mid North	1		190	
20-Aug-96	168	Yes	Lake	Mid North	1		190	
22-Sep-98	168	Yes	Lake	Mid North	1		191	
09-Jul-90	168	Yes	Lake	Mid North	1		193	
16-May-90	168	Yes	Lake	Mid North	1		195	
17-Jun-92	168	Yes	Lake	Mid North	1		195	
26-Jul-90	168	Yes	Lake	Mid North	1		196	
14-Oct-97	168	Yes	Lake	Mid North	1		198	
12-Aug-97	168	Yes	Lake	Mid North	1		199	
29-Jul-92	168	Yes	Lake	Mid North	1		201	
25-Aug-98	168	Yes	Lake	Mid North	1		204	
05-Sep-95	168	Yes	Lake	Mid North	1		206	
18-Jul-90	168	Yes	Lake	Mid North	1		208	
26-Aug-92	168	Yes	Lake	Mid North	1		212	
28-Aug-91	168	Yes	Lake	Mid North	1		215	
23-Sep-97	168	Yes	Lake	Mid North	1		223	
04-Sep-90	168	Yes	Lake	Mid North	1		229	
25-Sep-91	168	Yes	Lake	Mid North	1		234	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
09-Oct-91	168	Yes	Lake	Mid North	1		238	
30-Jul-97	168	Yes	Lake	Mid North	1		240	
14-Aug-90	168	Yes	Lake	Mid North	1		241	
17-Jul-91	168	Yes	Lake	Mid North	1		245	
31-Jul-90	168	Yes	Lake	Mid North	1		247	
12-Aug-98	168	Yes	Lake	Mid North	1		252	
14-Aug-91	168	Yes	Lake	Mid North	1		253	
27-Aug-97	168	Yes	Lake	Mid North	1		260	
01-Aug-91	168	Yes	Lake	Mid North	1		262	
28-Jul-98	168	Yes	Lake	Mid North	1		265	
16-Jul-97	168	Yes	Lake	Mid North	1		266	
11-Sep-91	168	Yes	Lake	Mid North	1		278	
09-Sep-97	168	Yes	Lake	Mid North	1		282	
09-Oct-90	168	Yes	Lake	Mid North	1		291	
08-Aug-90	168	Yes	Lake	Mid North	1		303	
31-Oct-91	168	Yes	Lake	Mid North	1		376	
17-Oct-90	168	Yes	Lake	Mid North	1		400	
14-Jul-92	168	Yes	Lake	Mid North	1		441	
31-Oct-96	168	Yes	Lake	Mid North	1		711	
29-Apr-98	169	Yes	Lake	North Buck Island	1		35	
26-Mar-97	169	Yes	Lake	North Buck Island	1		36	
12-Mar-97	169	Yes	Lake	North Buck Island	1		38	
10-May-94	169	Yes	Lake	North Buck Island	1		38	
06-May-97	169	Yes	Lake	North Buck Island	1		39	
03-Jun-93	169	Yes	Lake	North Buck Island	1		39	
26-Oct-93	169	Yes	Lake	North Buck Island	1		45	
15-Apr-98	169	Yes	Lake	North Buck Island	1		45	
22-Mar-94	169	Yes	Lake	North Buck Island	1		46	
16-May-95	169	Yes	Lake	North Buck Island	1		47	
24-May-94	169	Yes	Lake	North Buck Island	1		48	
09-Apr-97	169	Yes	Lake	North Buck Island	1		49	
13-Aug-92	169	Yes	Lake	North Buck Island	1		50	
18-Mar-92	169	Yes	Lake	North Buck Island	1		55	
18-May-98	169	Yes	Lake	North Buck Island	1		56	
31-May-95	169	Yes	Lake	North Buck Island	1		57	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
03-May-95	169	Yes	Lake	North Buck Island	1		58	
03-Jun-98	169	Yes	Lake	North Buck Island	1		59	
28-Feb-92	169	Yes	Lake	North Buck Island	1		60	
13-Oct-93	169	Yes	Lake	North Buck Island	1		60	
17-Jun-98	169	Yes	Lake	North Buck Island	1		63	
11-May-93	169	Yes	Lake	North Buck Island	1		63	
20-May-97	169	Yes	Lake	North Buck Island	1		63	
17-Nov-93	169	Yes	Lake	North Buck Island	1		65	
04-Apr-95	169	Yes	Lake	North Buck Island	1		67	
25-Feb-91	169	Yes	Lake	North Buck Island	1		68	
16-Mar-90	169	Yes	Lake	North Buck Island	1		71	
03-Apr-91	169	Yes	Lake	North Buck Island	1		71	
30-Apr-91	169	Yes	Lake	North Buck Island	1		73	
21-Apr-93	169	Yes	Lake	North Buck Island	1		73	
23-Apr-92	169	Yes	Lake	North Buck Island	1		74	
06-May-92	169	Yes	Lake	North Buck Island	1		75	
20-Sep-93	169	Yes	Lake	North Buck Island	1		76	
18-Jan-90	169	Yes	Lake	North Buck Island	1		78	
30-Jun-93	169	Yes	Lake	North Buck Island	1		78	
18-Apr-95	169	Yes	Lake	North Buck Island	1		80	
03-Jun-92	169	Yes	Lake	North Buck Island	1		81	
22-Oct-92	169	Yes	Lake	North Buck Island	1		88	
08-Jun-94	169	Yes	Lake	North Buck Island	1		89	
05-Jun-91	169	Yes	Lake	North Buck Island	1		93	
22-Sep-92	169	Yes	Lake	North Buck Island	1		97	
08-Sep-93	169	Yes	Lake	North Buck Island	1		98	
01-Sep-94	169	Yes	Lake	North Buck Island	1		98	
08-Apr-92	169	Yes	Lake	North Buck Island	1		101	
17-Jun-93	169	Yes	Lake	North Buck Island	1		101	
19-Jun-91	169	Yes	Lake	North Buck Island	1		102	
08-Oct-92	169	Yes	Lake	North Buck Island	1		103	
30-Jun-98	169	Yes	Lake	North Buck Island	1		108	
12-Aug-93	169	Yes	Lake	North Buck Island	1		110	
21-Jun-94	169	Yes	Lake	North Buck Island	1		112	
11-Jun-90	169	Yes	Lake	North Buck Island	1		115	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Jul-93	169	Yes	Lake	North Buck Island	1		118	
08-Aug-95	169	Yes	Lake	North Buck Island	1		120	
16-Aug-94	169	Yes	Lake	North Buck Island	1		122	
08-Sep-98	169	Yes	Lake	North Buck Island	1		122	
16-Jun-97	169	Yes	Lake	North Buck Island	1		123	
16-May-90	169	Yes	Lake	North Buck Island	1		124	
14-Jul-93	169	Yes	Lake	North Buck Island	1		124	
20-May-92	169	Yes	Lake	North Buck Island	1		128	
02-Jul-97	169	Yes	Lake	North Buck Island	1		130	
19-Jul-94	169	Yes	Lake	North Buck Island	1		132	
21-Nov-91	169	Yes	Lake	North Buck Island	1		140	
31-Oct-91	169	Yes	Lake	North Buck Island	1		142	
27-Jun-95	169	Yes	Lake	North Buck Island	1		143	
25-Jul-95	169	Yes	Lake	North Buck Island	1		143	
22-Aug-95	169	Yes	Lake	North Buck Island	1		145	
14-Jul-98	169	Yes	Lake	North Buck Island	1		145	
20-Nov-95	169	Yes	Lake	North Buck Island	1		146	
25-Aug-93	169	Yes	Lake	North Buck Island	1		150	
18-Oct-95	169	Yes	Lake	North Buck Island	1		160	
01-Nov-95	169	Yes	Lake	North Buck Island	1		160	
03-Aug-94	169	Yes	Lake	North Buck Island	1		166	
22-Sep-98	169	Yes	Lake	North Buck Island	1		167	
17-Jul-91	169	Yes	Lake	North Buck Island	1		181	
04-Oct-95	169	Yes	Lake	North Buck Island	1		182	
25-Aug-98	169	Yes	Lake	North Buck Island	1		183	
05-Sep-95	169	Yes	Lake	North Buck Island	1		184	
07-Jul-94	169	Yes	Lake	North Buck Island	1		187	
16-Jul-97	169	Yes	Lake	North Buck Island	1		188	
09-Oct-91	169	Yes	Lake	North Buck Island	1		188	
02-Jul-92	169	Yes	Lake	North Buck Island	1		195	
09-Sep-97	169	Yes	Lake	North Buck Island	1		195	
18-Jul-90	169	Yes	Lake	North Buck Island	1		198	
12-Aug-97	169	Yes	Lake	North Buck Island	1		200	
26-Aug-92	169	Yes	Lake	North Buck Island	1		202	
14-Oct-97	169	Yes	Lake	North Buck Island	1		202	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
15-Jun-95	169	Yes	Lake	North Buck Island	1		203	
09-Oct-91	169	Yes	Lake	North Buck Island	1		206	
23-Sep-97	169	Yes	Lake	North Buck Island	1		216	
14-Jul-92	169	Yes	Lake	North Buck Island	1		217	
25-Sep-91	169	Yes	Lake	North Buck Island	1		219	
30-Jul-97	169	Yes	Lake	North Buck Island	1		220	
11-Jul-95	169	Yes	Lake	North Buck Island	1		221	
14-Aug-91	169	Yes	Lake	North Buck Island	1		222	
04-Sep-90	169	Yes	Lake	North Buck Island	1		228	
01-Aug-91	169	Yes	Lake	North Buck Island	1		229	
28-Jul-98	169	Yes	Lake	North Buck Island	1		235	
19-Sep-95	169	Yes	Lake	North Buck Island	1		256	
11-Sep-91	169	Yes	Lake	North Buck Island	1		265	
17-Jun-92	169	Yes	Lake	North Buck Island	1		313	
27-Aug-97	169	Yes	Lake	North Buck Island	1		318	
12-Aug-98	169	Yes	Lake	North Buck Island	1		333	
09-Oct-90	169	Yes	Lake	North Buck Island	1		377	
28-Aug-91	169	Yes	Lake	North Buck Island	1		389	
06-May-97	170	Yes	Lake	Pelican Bay	1		32	
16-Jun-97	170	Yes	Lake	Pelican Bay	1		34	
03-Jun-93	170	Yes	Lake	Pelican Bay	1		38	
17-Jun-93	170	Yes	Lake	Pelican Bay	1		38	
15-Jun-95	170	Yes	Lake	Pelican Bay	1		42	
12-Aug-93	170	Yes	Lake	Pelican Bay	1		45	
26-Mar-97	170	Yes	Lake	Pelican Bay	1		45	
08-Aug-95	170	Yes	Lake	Pelican Bay	1		47	
26-Jul-93	170	Yes	Lake	Pelican Bay	1		51	
14-Jul-93	170	Yes	Lake	Pelican Bay	1		53	
13-Oct-93	170	Yes	Lake	Pelican Bay	1		53	
02-Jul-92	170	Yes	Lake	Pelican Bay	1		54	
16-Mar-90	170	Yes	Lake	Pelican Bay	1		55	
28-Feb-92	170	Yes	Lake	Pelican Bay	1		55	
31-May-95	170	Yes	Lake	Pelican Bay	1		55	
18-Jul-90	170	Yes	Lake	Pelican Bay	1		56	
18-Mar-92	170	Yes	Lake	Pelican Bay	1		56	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
14-Jul-92	170	Yes	Lake	Pelican Bay	1		56	
21-Aug-90	170	Yes	Lake	Pelican Bay	1		58	
27-Jun-95	170	Yes	Lake	Pelican Bay	1		58	
21-Nov-91	170	Yes	Lake	Pelican Bay	1		59	
09-Oct-91	170	Yes	Lake	Pelican Bay	1		59	
08-Jun-94	170	Yes	Lake	Pelican Bay	1		60	
03-Jun-92	170	Yes	Lake	Pelican Bay	1		61	
20-Sep-93	170	Yes	Lake	Pelican Bay	1		62	
04-Apr-95	170	Yes	Lake	Pelican Bay	1		62	
31-Jul-90	170	Yes	Lake	Pelican Bay	1		63	
13-Aug-92	170	Yes	Lake	Pelican Bay	1		63	
25-Aug-93	170	Yes	Lake	Pelican Bay	1		63	
31-Oct-91	170	Yes	Lake	Pelican Bay	1		64	
21-Apr-93	170	Yes	Lake	Pelican Bay	1		64	
26-Oct-93	170	Yes	Lake	Pelican Bay	1		65	
03-May-95	170	Yes	Lake	Pelican Bay	1		65	
16-May-95	170	Yes	Lake	Pelican Bay	1		65	
30-Jun-93	170	Yes	Lake	Pelican Bay	1		67	
21-Jun-94	170	Yes	Lake	Pelican Bay	1		67	
18-Jan-90	170	Yes	Lake	Pelican Bay	1		67	
08-Aug-90	170	Yes	Lake	Pelican Bay	1		68	
26-Jul-90	170	Yes	Lake	Pelican Bay	1		68	
25-Sep-91	170	Yes	Lake	Pelican Bay	1		68	
08-Sep-93	170	Yes	Lake	Pelican Bay	1		69	
17-Jun-92	170	Yes	Lake	Pelican Bay	1		70	
24-May-94	170	Yes	Lake	Pelican Bay	1		70	
10-May-94	170	Yes	Lake	Pelican Bay	1		71	
25-Jul-95	170	Yes	Lake	Pelican Bay	1		71	
06-May-92	170	Yes	Lake	Pelican Bay	1		72	
01-Jul-91	170	Yes	Lake	Pelican Bay	1		73	
18-Sep-90	170	Yes	Lake	Pelican Bay	1		73	
16-Aug-94	170	Yes	Lake	Pelican Bay	1		73	
05-Sep-95	170	Yes	Lake	Pelican Bay	1		73	
11-Sep-90	170	Yes	Lake	Pelican Bay	1		73	
25-Feb-91	170	Yes	Lake	Pelican Bay	1		75	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
17-Nov-93	170	Yes	Lake	Pelican Bay	1		76	
28-Aug-91	170	Yes	Lake	Pelican Bay	1		78	
03-Aug-94	170	Yes	Lake	Pelican Bay	1		79	
01-Sep-94	170	Yes	Lake	Pelican Bay	1		79	
14-Aug-91	170	Yes	Lake	Pelican Bay	1		81	
13-Sep-94	170	Yes	Lake	Pelican Bay	1		81	
14-Aug-90	170	Yes	Lake	Pelican Bay	1		82	
09-Jul-90	170	Yes	Lake	Pelican Bay	1		83	
08-Apr-92	170	Yes	Lake	Pelican Bay	1		83	
22-Jun-90	170	Yes	Lake	Pelican Bay	1		84	
22-Aug-95	170	Yes	Lake	Pelican Bay	1		85	
22-Sep-92	170	Yes	Lake	Pelican Bay	1		86	
01-Aug-91	170	Yes	Lake	Pelican Bay	1		87	
29-Jun-90	170	Yes	Lake	Pelican Bay	1		89	
17-Jul-91	170	Yes	Lake	Pelican Bay	1		90	
07-Jul-94	170	Yes	Lake	Pelican Bay	1		90	
18-Oct-95	170	Yes	Lake	Pelican Bay	1		91	
11-Jun-90	170	Yes	Lake	Pelican Bay	1		92	
23-Apr-92	170	Yes	Lake	Pelican Bay	1		92	
11-Sep-91	170	Yes	Lake	Pelican Bay	1		93	
04-Oct-95	170	Yes	Lake	Pelican Bay	1		94	
16-May-90	170	Yes	Lake	Pelican Bay	1		96	
11-Jul-95	170	Yes	Lake	Pelican Bay	1		103	
01-Nov-95	170	Yes	Lake	Pelican Bay	1		103	
04-Sep-90	170	Yes	Lake	Pelican Bay	1		105	
20-May-92	170	Yes	Lake	Pelican Bay	1		106	
27-Nov-90	170	Yes	Lake	Pelican Bay	1		110	
19-Jun-91	170	Yes	Lake	Pelican Bay	1		112	
19-Sep-95	170	Yes	Lake	Pelican Bay	1		115	
03-Apr-91	170	Yes	Lake	Pelican Bay	1		118	
25-Oct-94	170	Yes	Lake	Pelican Bay	1		126	
11-Oct-94	170	Yes	Lake	Pelican Bay	1		133	
27-Sep-94	170	Yes	Lake	Pelican Bay	1		160	
09-Oct-90	170	Yes	Lake	Pelican Bay	1		192	
05-Jun-91	170	Yes	Lake	Pelican Bay	1		197	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
17-Oct-90	170	Yes	Lake	Pelican Bay	1		205	
26-Aug-92	170	Yes	Lake	Pelican Bay	1		205	
30-Apr-91	170	Yes	Lake	Pelican Bay	1		251	
06-May-97	171	Yes	Lake	Pelican Marina	1		32	
29-Apr-98	171	Yes	Lake	Pelican Marina	1		32	
26-Oct-93	171	Yes	Lake	Pelican Marina	1		35	
10-May-94	171	Yes	Lake	Pelican Marina	1		38	
03-Jun-93	171	Yes	Lake	Pelican Marina	1		40	
16-May-95	171	Yes	Lake	Pelican Marina	1		42	
03-Jun-98	171	Yes	Lake	Pelican Marina	1		43	
31-May-95	171	Yes	Lake	Pelican Marina	1		45	
12-Mar-97	171	Yes	Lake	Pelican Marina	1		48	
17-Nov-93	171	Yes	Lake	Pelican Marina	1		49	
22-Mar-94	171	Yes	Lake	Pelican Marina	1		49	
24-May-94	171	Yes	Lake	Pelican Marina	1		50	
03-May-95	171	Yes	Lake	Pelican Marina	1		50	
26-Mar-97	171	Yes	Lake	Pelican Marina	1		52	
13-Aug-92	171	Yes	Lake	Pelican Marina	1		54	
18-Mar-92	171	Yes	Lake	Pelican Marina	1		55	
11-May-93	171	Yes	Lake	Pelican Marina	1		55	
13-Oct-93	171	Yes	Lake	Pelican Marina	1		57	
03-Apr-91	171	Yes	Lake	Pelican Marina	1		57	
21-Apr-93	171	Yes	Lake	Pelican Marina	1		57	
20-May-97	171	Yes	Lake	Pelican Marina	1		57	
09-Apr-97	171	Yes	Lake	Pelican Marina	1		59	
18-May-98	171	Yes	Lake	Pelican Marina	1		62	
30-Jun-98	171	Yes	Lake	Pelican Marina	1		62	
15-Apr-98	171	Yes	Lake	Pelican Marina	1		65	
08-Jun-94	171	Yes	Lake	Pelican Marina	1		67	
30-Apr-91	171	Yes	Lake	Pelican Marina	1		71	
28-Feb-92	171	Yes	Lake	Pelican Marina	1		71	
04-Apr-95	171	Yes	Lake	Pelican Marina	1		72	
18-Apr-95	171	Yes	Lake	Pelican Marina	1		75	
26-Jul-93	171	Yes	Lake	Pelican Marina	1		76	
23-Apr-92	171	Yes	Lake	Pelican Marina	1		79	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
18-Jan-90	171	Yes	Lake	Pelican Marina	1		79	
05-Jun-91	171	Yes	Lake	Pelican Marina	1		80	
06-May-92	171	Yes	Lake	Pelican Marina	1		80	
08-Jan-93	171	Yes	Lake	Pelican Marina	1		81	
25-Feb-91	171	Yes	Lake	Pelican Marina	1		91	
22-Oct-92	171	Yes	Lake	Pelican Marina	1		93	
20-May-92	171	Yes	Lake	Pelican Marina	1		95	
02-Mar-93	171	Yes	Lake	Pelican Marina	1		95	
19-Jun-91	171	Yes	Lake	Pelican Marina	1		97	
17-Jun-93	171	Yes	Lake	Pelican Marina	1		97	
30-Jun-93	171	Yes	Lake	Pelican Marina	1		105	
11-Jun-90	171	Yes	Lake	Pelican Marina	1		106	
08-Apr-92	171	Yes	Lake	Pelican Marina	1		106	
08-Oct-92	171	Yes	Lake	Pelican Marina	1		109	
15-Jun-95	171	Yes	Lake	Pelican Marina	1		111	
22-Sep-92	171	Yes	Lake	Pelican Marina	1		113	
16-Mar-90	171	Yes	Lake	Pelican Marina	1		116	
01-Sep-94	171	Yes	Lake	Pelican Marina	1		117	
20-Nov-95	171	Yes	Lake	Pelican Marina	1		121	
21-Nov-91	171	Yes	Lake	Pelican Marina	1		122	
16-May-90	171	Yes	Lake	Pelican Marina	1		123	
21-Jun-94	171	Yes	Lake	Pelican Marina	1		128	
01-Nov-95	171	Yes	Lake	Pelican Marina	1		131	
20-Sep-93	171	Yes	Lake	Pelican Marina	1		132	
25-Aug-93	171	Yes	Lake	Pelican Marina	1		134	
16-Aug-94	171	Yes	Lake	Pelican Marina	1		134	
25-Aug-98	171	Yes	Lake	Pelican Marina	1		136	
12-Aug-93	171	Yes	Lake	Pelican Marina	1		136	
03-Jun-92	171	Yes	Lake	Pelican Marina	1		139	
25-Jul-95	171	Yes	Lake	Pelican Marina	1		139	
03-Aug-94	171	Yes	Lake	Pelican Marina	1		143	
14-Jul-93	171	Yes	Lake	Pelican Marina	1		154	
17-Jun-98	171	Yes	Lake	Pelican Marina	1		154	
27-Jun-95	171	Yes	Lake	Pelican Marina	1		158	
18-Oct-95	171	Yes	Lake	Pelican Marina	1		159	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
19-Jul-94	171	Yes	Lake	Pelican Marina	1		160	
22-Aug-95	171	Yes	Lake	Pelican Marina	1		162	
14-Oct-97	171	Yes	Lake	Pelican Marina	1		169	
08-Sep-98	171	Yes	Lake	Pelican Marina	1		172	
08-Aug-95	171	Yes	Lake	Pelican Marina	1		174	
17-Jul-91	171	Yes	Lake	Pelican Marina	1		176	
16-Jul-97	171	Yes	Lake	Pelican Marina	1		181	
14-Aug-91	171	Yes	Lake	Pelican Marina	1		182	
14-Jul-98	171	Yes	Lake	Pelican Marina	1		189	
01-Aug-91	171	Yes	Lake	Pelican Marina	1		190	
28-Jul-98	171	Yes	Lake	Pelican Marina	1		194	
25-Sep-91	171	Yes	Lake	Pelican Marina	1		195	
26-Aug-92	171	Yes	Lake	Pelican Marina	1		197	
07-Jul-94	171	Yes	Lake	Pelican Marina	1		198	
09-Oct-91	171	Yes	Lake	Pelican Marina	1		203	
28-Aug-91	171	Yes	Lake	Pelican Marina	1		204	
23-Sep-97	171	Yes	Lake	Pelican Marina	1		216	
18-Jul-90	171	Yes	Lake	Pelican Marina	1		217	
29-Jul-92	171	Yes	Lake	Pelican Marina	1		222	
11-Jul-95	171	Yes	Lake	Pelican Marina	1		224	
22-Sep-98	171	Yes	Lake	Pelican Marina	1		226	
16-Jun-97	171	Yes	Lake	Pelican Marina	1		227	
04-Sep-90	171	Yes	Lake	Pelican Marina	1		228	
11-Sep-91	171	Yes	Lake	Pelican Marina	1		234	
02-Jul-92	171	Yes	Lake	Pelican Marina	1		234	
09-Oct-90	171	Yes	Lake	Pelican Marina	1		235	
12-Aug-98	171	Yes	Lake	Pelican Marina	1		245	
09-Oct-91	171	Yes	Lake	Pelican Marina	1		247	
27-Aug-97	171	Yes	Lake	Pelican Marina	1		249	
19-Sep-95	171	Yes	Lake	Pelican Marina	1		264	
12-Aug-97	171	Yes	Lake	Pelican Marina	1		270	
05-Sep-95	171	Yes	Lake	Pelican Marina	1		279	
04-Oct-95	171	Yes	Lake	Pelican Marina	1		282	
17-Jun-92	171	Yes	Lake	Pelican Marina	1		287	
30-Jul-97	171	Yes	Lake	Pelican Marina	1		287	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
08-Sep-93	171	Yes	Lake	Pelican Marina	1		293	
02-Jul-97	171	Yes	Lake	Pelican Marina	1		328	
09-Sep-97	171	Yes	Lake	Pelican Marina	1		388	
31-Oct-91	171	Yes	Lake	Pelican Marina	1		408	
14-Jul-92	171	Yes	Lake	Pelican Marina	1		492	
24-Apr-96	172	Yes	Lake	Shoalwater Bay	1		20	
09-Apr-96	172	Yes	Lake	Shoalwater Bay	1		25	
26-Mar-97	172	Yes	Lake	Shoalwater Bay	1		29	
26-Oct-93	172	Yes	Lake	Shoalwater Bay	1		31	
29-Apr-98	172	Yes	Lake	Shoalwater Bay	1		32	
20-Mar-96	172	Yes	Lake	Shoalwater Bay	1		34	
25-Oct-94	172	Yes	Lake	Shoalwater Bay	1		36	
31-May-95	172	Yes	Lake	Shoalwater Bay	1		39	
22-Mar-94	172	Yes	Lake	Shoalwater Bay	1		43	
09-Apr-97	172	Yes	Lake	Shoalwater Bay	1		43	
18-Mar-92	172	Yes	Lake	Shoalwater Bay	1		45	
12-Mar-97	172	Yes	Lake	Shoalwater Bay	1		46	
29-May-96	172	Yes	Lake	Shoalwater Bay	1		47	
24-May-94	172	Yes	Lake	Shoalwater Bay	1		48	
16-May-95	172	Yes	Lake	Shoalwater Bay	1		48	
03-Jun-93	172	Yes	Lake	Shoalwater Bay	1		49	
18-May-98	172	Yes	Lake	Shoalwater Bay	1		50	
06-May-92	172	Yes	Lake	Shoalwater Bay	1		53	
11-May-93	172	Yes	Lake	Shoalwater Bay	1		56	
17-Jun-98	172	Yes	Lake	Shoalwater Bay	1		56	
06-May-97	172	Yes	Lake	Shoalwater Bay	1		57	
03-May-95	172	Yes	Lake	Shoalwater Bay	1		58	
11-Jun-96	172	Yes	Lake	Shoalwater Bay	1		60	
28-Feb-92	172	Yes	Lake	Shoalwater Bay	1		61	
13-Aug-92	172	Yes	Lake	Shoalwater Bay	1		61	
20-May-97	172	Yes	Lake	Shoalwater Bay	1		61	
08-Jun-94	172	Yes	Lake	Shoalwater Bay	1		63	
16-Mar-90	172	Yes	Lake	Shoalwater Bay	1		63	
03-Apr-91	172	Yes	Lake	Shoalwater Bay	1		66	
24-Jun-96	172	Yes	Lake	Shoalwater Bay	1		66	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
08-Apr-92	172	Yes	Lake	Shoalwater Bay	1		67	
18-Apr-95	172	Yes	Lake	Shoalwater Bay	1		67	
04-Apr-95	172	Yes	Lake	Shoalwater Bay	1		68	
02-Mar-93	172	Yes	Lake	Shoalwater Bay	1		69	
03-Jun-98	172	Yes	Lake	Shoalwater Bay	1		70	
13-Oct-93	172	Yes	Lake	Shoalwater Bay	1		71	
30-Apr-91	172	Yes	Lake	Shoalwater Bay	1		72	
11-Nov-92	172	Yes	Lake	Shoalwater Bay	1		76	
25-Feb-91	172	Yes	Lake	Shoalwater Bay	1		79	
17-Nov-93	172	Yes	Lake	Shoalwater Bay	1		80	
30-Jun-98	172	Yes	Lake	Shoalwater Bay	1		80	
05-Jun-91	172	Yes	Lake	Shoalwater Bay	1		83	
21-Apr-93	172	Yes	Lake	Shoalwater Bay	1		85	
20-Sep-93	172	Yes	Lake	Shoalwater Bay	1		88	
21-Jun-94	172	Yes	Lake	Shoalwater Bay	1		88	
10-May-94	172	Yes	Lake	Shoalwater Bay	1		89	
25-Aug-93	172	Yes	Lake	Shoalwater Bay	1		90	
19-Jun-91	172	Yes	Lake	Shoalwater Bay	1		91	
22-Oct-92	172	Yes	Lake	Shoalwater Bay	1		91	
18-Jan-90	172	Yes	Lake	Shoalwater Bay	1		91	
23-Apr-92	172	Yes	Lake	Shoalwater Bay	1		92	
20-May-92	172	Yes	Lake	Shoalwater Bay	1		95	
15-Jun-95	172	Yes	Lake	Shoalwater Bay	1		97	
21-Nov-91	172	Yes	Lake	Shoalwater Bay	1		112	
08-Sep-93	172	Yes	Lake	Shoalwater Bay	1		113	
08-Oct-92	172	Yes	Lake	Shoalwater Bay	1		115	
11-Jun-90	172	Yes	Lake	Shoalwater Bay	1		118	
11-Oct-94	172	Yes	Lake	Shoalwater Bay	1		118	
27-Nov-90	172	Yes	Lake	Shoalwater Bay	1		121	
13-Sep-94	172	Yes	Lake	Shoalwater Bay	1		121	
08-Jul-96	172	Yes	Lake	Shoalwater Bay	1		121	
08-Jan-93	172	Yes	Lake	Shoalwater Bay	1		124	
01-Sep-94	172	Yes	Lake	Shoalwater Bay	1		124	
24-Jul-96	172	Yes	Lake	Shoalwater Bay	1		124	
16-Aug-94	172	Yes	Lake	Shoalwater Bay	1		127	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
01-Nov-95	172	Yes	Lake	Shoalwater Bay	1		129	
30-Jun-93	172	Yes	Lake	Shoalwater Bay	1		130	
01-Jul-91	172	Yes	Lake	Shoalwater Bay	1		132	
17-Jun-93	172	Yes	Lake	Shoalwater Bay	1		134	
27-Sep-94	172	Yes	Lake	Shoalwater Bay	1		136	
14-Oct-97	172	Yes	Lake	Shoalwater Bay	1		138	
22-Aug-95	172	Yes	Lake	Shoalwater Bay	1		144	
16-Jun-97	172	Yes	Lake	Shoalwater Bay	1		153	
23-Sep-97	172	Yes	Lake	Shoalwater Bay	1		153	
31-Oct-91	172	Yes	Lake	Shoalwater Bay	1		154	
22-Sep-92	172	Yes	Lake	Shoalwater Bay	1		155	
27-Jun-95	172	Yes	Lake	Shoalwater Bay	1		163	
16-Sep-96	172	Yes	Lake	Shoalwater Bay	1		165	
31-Oct-91	172	Yes	Lake	Shoalwater Bay	1		165	
25-Jul-95	172	Yes	Lake	Shoalwater Bay	1		166	
20-Nov-95	172	Yes	Lake	Shoalwater Bay	1		166	
17-Jul-91	172	Yes	Lake	Shoalwater Bay	1		168	
14-Jul-93	172	Yes	Lake	Shoalwater Bay	1		175	
16-May-90	172	Yes	Lake	Shoalwater Bay	1		176	
08-Aug-95	172	Yes	Lake	Shoalwater Bay	1		178	
03-Aug-94	172	Yes	Lake	Shoalwater Bay	1		180	
20-Aug-96	172	Yes	Lake	Shoalwater Bay	1		187	
07-Jul-94	172	Yes	Lake	Shoalwater Bay	1		196	
11-Jul-95	172	Yes	Lake	Shoalwater Bay	1		196	
18-Oct-95	172	Yes	Lake	Shoalwater Bay	1		196	
16-Oct-96	172	Yes	Lake	Shoalwater Bay	1		197	
04-Oct-95	172	Yes	Lake	Shoalwater Bay	1		205	
06-Aug-96	172	Yes	Lake	Shoalwater Bay	1		207	
02-Jul-97	172	Yes	Lake	Shoalwater Bay	1		207	
22-Jun-90	172	Yes	Lake	Shoalwater Bay	1		208	
12-Aug-93	172	Yes	Lake	Shoalwater Bay	1		209	
27-Aug-97	172	Yes	Lake	Shoalwater Bay	1		212	
02-Jul-92	172	Yes	Lake	Shoalwater Bay	1		213	
28-Jul-98	172	Yes	Lake	Shoalwater Bay	1		216	
18-Sep-90	172	Yes	Lake	Shoalwater Bay	1		217	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Aug-92	172	Yes	Lake	Shoalwater Bay	1		221	
22-Sep-98	172	Yes	Lake	Shoalwater Bay	1		221	
03-Jun-92	172	Yes	Lake	Shoalwater Bay	1		227	
26-Jul-93	172	Yes	Lake	Shoalwater Bay	1		228	
12-Aug-98	172	Yes	Lake	Shoalwater Bay	1		232	
01-Aug-91	172	Yes	Lake	Shoalwater Bay	1		241	
04-Sep-96	172	Yes	Lake	Shoalwater Bay	1		241	
31-Jul-90	172	Yes	Lake	Shoalwater Bay	1		244	
18-Jul-90	172	Yes	Lake	Shoalwater Bay	1		245	
11-Sep-90	172	Yes	Lake	Shoalwater Bay	1		247	
14-Aug-90	172	Yes	Lake	Shoalwater Bay	1		258	
09-Oct-91	172	Yes	Lake	Shoalwater Bay	1		265	
09-Sep-97	172	Yes	Lake	Shoalwater Bay	1		290	
30-Jul-97	172	Yes	Lake	Shoalwater Bay	1		292	
12-Aug-97	172	Yes	Lake	Shoalwater Bay	1		292	
19-Sep-95	172	Yes	Lake	Shoalwater Bay	1		295	
14-Aug-91	172	Yes	Lake	Shoalwater Bay	1		297	
28-Aug-91	172	Yes	Lake	Shoalwater Bay	1		297	
14-Jul-98	172	Yes	Lake	Shoalwater Bay	1		315	
08-Aug-90	172	Yes	Lake	Shoalwater Bay	1		318	
26-Jul-90	172	Yes	Lake	Shoalwater Bay	1		322	
14-Jul-92	172	Yes	Lake	Shoalwater Bay	1		352	
04-Sep-90	172	Yes	Lake	Shoalwater Bay	1		353	
16-Jul-97	172	Yes	Lake	Shoalwater Bay	1		355	
05-Sep-95	172	Yes	Lake	Shoalwater Bay	1		362	
17-Oct-90	172	Yes	Lake	Shoalwater Bay	1		363	
09-Oct-90	172	Yes	Lake	Shoalwater Bay	1		377	
21-Aug-90	172	Yes	Lake	Shoalwater Bay	1		389	
08-Sep-98	172	Yes	Lake	Shoalwater Bay	1		408	
25-Sep-91	172	Yes	Lake	Shoalwater Bay	1		427	
25-Aug-98	172	Yes	Lake	Shoalwater Bay	1		452	
17-Jun-92	172	Yes	Lake	Shoalwater Bay	1		459	
01-Oct-96	172	Yes	Lake	Shoalwater Bay	1		564	
11-Sep-91	172	Yes	Lake	Shoalwater Bay	1		673	
31-Oct-96	172	Yes	Lake	Shoalwater Bay	1		731	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
30-Apr-91	174	Yes	Lake	Weather Station	1		36	
25-Feb-91	174	Yes	Lake	Weather Station	1		56	
03-Apr-91	174	Yes	Lake	Weather Station	1		67	
27-Nov-90	174	Yes	Lake	Weather Station	1		114	
18-Sep-90	174	Yes	Lake	Weather Station	1		135	
11-Sep-90	174	Yes	Lake	Weather Station	1		156	
04-Sep-90	174	Yes	Lake	Weather Station	1		173	
09-Oct-90	174	Yes	Lake	Weather Station	1		248	
17-Oct-90	174	Yes	Lake	Weather Station	1		266	
29-Jun-90	174	Yes	Lake	Weather Station	1		315	
31-Jul-90	174	Yes	Lake	Weather Station	1		325	
26-Jul-90	174	Yes	Lake	Weather Station	1		344	
14-Aug-90	174	Yes	Lake	Weather Station	1		371	
18-Jul-90	174	Yes	Lake	Weather Station	1		406	
09-Jul-90	174	Yes	Lake	Weather Station	1		435	
21-Aug-90	174	Yes	Lake	Weather Station	1		478	
08-Aug-90	174	Yes	Lake	Weather Station	1		549	
12-Jul-90	174	Yes	Lake	Weather Station	1		638	
26-Mar-97	173	Yes	Lake	Wocus Bay	1		26	
03-Jun-93	173	Yes	Lake	Wocus Bay	1		35	
29-Apr-98	173	Yes	Lake	Wocus Bay	1		35	
26-Oct-93	173	Yes	Lake	Wocus Bay	1		36	
06-May-97	173	Yes	Lake	Wocus Bay	1		41	
17-Jun-98	173	Yes	Lake	Wocus Bay	1		42	
16-May-95	173	Yes	Lake	Wocus Bay	1		43	
09-Apr-97	173	Yes	Lake	Wocus Bay	1		43	
15-Apr-98	173	Yes	Lake	Wocus Bay	1		44	
10-May-94	173	Yes	Lake	Wocus Bay	1		47	
22-Mar-94	173	Yes	Lake	Wocus Bay	1		48	
13-Oct-93	173	Yes	Lake	Wocus Bay	1		49	
12-Mar-97	173	Yes	Lake	Wocus Bay	1		50	
25-Feb-91	173	Yes	Lake	Wocus Bay	1		54	
18-Mar-92	173	Yes	Lake	Wocus Bay	1		57	
13-Aug-92	173	Yes	Lake	Wocus Bay	1		57	
20-May-97	173	Yes	Lake	Wocus Bay	1		59	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
11-May-93	173	Yes	Lake	Wocus Bay	1		60	
03-Apr-91	173	Yes	Lake	Wocus Bay	1		60	
08-Jun-94	173	Yes	Lake	Wocus Bay	1		60	
18-May-98	173	Yes	Lake	Wocus Bay	1		62	
30-Jun-98	173	Yes	Lake	Wocus Bay	1		62	
28-Feb-92	173	Yes	Lake	Wocus Bay	1		63	
16-Mar-90	173	Yes	Lake	Wocus Bay	1		64	
18-Apr-95	173	Yes	Lake	Wocus Bay	1		67	
03-May-95	173	Yes	Lake	Wocus Bay	1		70	
21-Apr-93	173	Yes	Lake	Wocus Bay	1		71	
23-Apr-92	173	Yes	Lake	Wocus Bay	1		72	
17-Nov-93	173	Yes	Lake	Wocus Bay	1		74	
08-Jan-93	173	Yes	Lake	Wocus Bay	1		77	
08-Apr-92	173	Yes	Lake	Wocus Bay	1		80	
31-May-95	173	Yes	Lake	Wocus Bay	1		82	
18-Jan-90	173	Yes	Lake	Wocus Bay	1		82	
21-Jun-94	173	Yes	Lake	Wocus Bay	1		83	
24-May-94	173	Yes	Lake	Wocus Bay	1		85	
19-Jun-91	173	Yes	Lake	Wocus Bay	1		89	
17-Jun-93	173	Yes	Lake	Wocus Bay	1		90	
11-Jun-90	173	Yes	Lake	Wocus Bay	1		92	
26-Jul-93	173	Yes	Lake	Wocus Bay	1		95	
30-Apr-91	173	Yes	Lake	Wocus Bay	1		97	
04-Apr-95	173	Yes	Lake	Wocus Bay	1		98	
20-Sep-93	173	Yes	Lake	Wocus Bay	1		99	
16-Jun-97	173	Yes	Lake	Wocus Bay	1		99	
06-May-92	173	Yes	Lake	Wocus Bay	1		99	
01-Sep-94	173	Yes	Lake	Wocus Bay	1		102	
02-Mar-93	173	Yes	Lake	Wocus Bay	1		105	
07-Jul-94	173	Yes	Lake	Wocus Bay	1		109	
08-Sep-93	173	Yes	Lake	Wocus Bay	1		112	
20-May-92	173	Yes	Lake	Wocus Bay	1		113	
16-May-90	173	Yes	Lake	Wocus Bay	1		114	
21-Nov-91	173	Yes	Lake	Wocus Bay	1		122	
05-Jun-91	173	Yes	Lake	Wocus Bay	1		123	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
20-Nov-95	173	Yes	Lake	Wocus Bay	1		128	
08-Oct-92	173	Yes	Lake	Wocus Bay	1		134	
01-Nov-95	173	Yes	Lake	Wocus Bay	1		135	
03-Jun-98	173	Yes	Lake	Wocus Bay	1		136	
30-Jun-93	173	Yes	Lake	Wocus Bay	1		139	
15-Jun-95	173	Yes	Lake	Wocus Bay	1		140	
14-Jul-98	173	Yes	Lake	Wocus Bay	1		149	
16-Aug-94	173	Yes	Lake	Wocus Bay	1		155	
23-Sep-97	173	Yes	Lake	Wocus Bay	1		156	
17-Jul-91	173	Yes	Lake	Wocus Bay	1		157	
25-Aug-93	173	Yes	Lake	Wocus Bay	1		159	
22-Sep-98	173	Yes	Lake	Wocus Bay	1		163	
22-Sep-92	173	Yes	Lake	Wocus Bay	1		171	
11-Jul-95	173	Yes	Lake	Wocus Bay	1		177	
09-Sep-97	173	Yes	Lake	Wocus Bay	1		177	
04-Oct-95	173	Yes	Lake	Wocus Bay	1		178	
14-Jul-93	173	Yes	Lake	Wocus Bay	1		184	
25-Jul-95	173	Yes	Lake	Wocus Bay	1		184	
03-Jun-92	173	Yes	Lake	Wocus Bay	1		185	
03-Aug-94	173	Yes	Lake	Wocus Bay	1		186	
31-Oct-91	173	Yes	Lake	Wocus Bay	1		191	
08-Sep-98	173	Yes	Lake	Wocus Bay	1		201	
25-Aug-98	173	Yes	Lake	Wocus Bay	1		205	
14-Oct-97	173	Yes	Lake	Wocus Bay	1		206	
02-Jul-97	173	Yes	Lake	Wocus Bay	1		225	
12-Aug-93	173	Yes	Lake	Wocus Bay	1		249	
18-Jul-90	173	Yes	Lake	Wocus Bay	1		263	
22-Aug-95	173	Yes	Lake	Wocus Bay	1		269	
28-Jul-98	173	Yes	Lake	Wocus Bay	1		269	
17-Jun-92	173	Yes	Lake	Wocus Bay	1		271	
09-Oct-90	173	Yes	Lake	Wocus Bay	1		288	
14-Aug-91	173	Yes	Lake	Wocus Bay	1		301	
28-Aug-91	173	Yes	Lake	Wocus Bay	1		315	
26-Aug-92	173	Yes	Lake	Wocus Bay	1		316	
27-Aug-97	173	Yes	Lake	Wocus Bay	1		319	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
04-Sep-90	173	Yes	Lake	Wocus Bay	1		325	
25-Sep-91	173	Yes	Lake	Wocus Bay	1		334	
16-Jul-97	173	Yes	Lake	Wocus Bay	1		341	
05-Sep-95	173	Yes	Lake	Wocus Bay	1		400	
02-Jul-92	173	Yes	Lake	Wocus Bay	1		447	
01-Aug-91	173	Yes	Lake	Wocus Bay	1		452	
19-Sep-95	173	Yes	Lake	Wocus Bay	1		459	
12-Aug-98	173	Yes	Lake	Wocus Bay	1		466	
14-Jul-92	173	Yes	Lake	Wocus Bay	1		475	
11-Sep-91	173	Yes	Lake	Wocus Bay	1		501	
18-Oct-95	173	Yes	Lake	Wocus Bay	1		553	
08-Aug-95	173	Yes	Lake	Wocus Bay	1		561	
09-Oct-91	173	Yes	Lake	Wocus Bay	1		705	
12-Aug-97	173	Yes	Lake	Wocus Bay	1		721	
27-Jun-95	173	Yes	Lake	Wocus Bay	1		795	
30-Jul-97	173	Yes	Lake	Wocus Bay	1		947	
29-Jul-92	163	Yes	Lake		1		189	
03-Apr-00	102	No	Upland	100 yards above Wood Drain	3		70	
03-Apr-00	103	No	Upland	100 yards below Wood Drain	3		130	
05-Nov-98	81	No	Upland	Agency Lake Ranch Pumping Plant	3		1760	
19-Nov-92	107	Yes	Upland	Agency Springs	9	43.0	90	9.5
12-May-93	107	Yes	Upland	Agency Springs	9		60	
15-Jul-93	107	Yes	Upland	Agency Springs	9	6.0	80	1.2
23-Sep-93	107	Yes	Upland	Agency Springs	9	12.0	80	2.3
27-Sep-54	107	Yes	Upland	Agency Springs	10	20.4		
31-Mar-93	5	Yes	Upland	Algoma Bridge	1		383	
03-Sep-99	60	Yes	Upland	Annie Creek	3		40	
11-May-91	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	52.3	49	6.3
28-May-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	69.2	28	4.7
12-Jun-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	79.8	34	6.6
1-Jul-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	66.4	57	9.3
17-Jul-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	53.7	67	8.8
6-Aug-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	47.3	65	7.5
27-Aug-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	52.6	61	7.9

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Sep-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	40.6	52	5.2
17-Oct-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	44.5	66	7.2
17-Mar-92	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	42.7	60	6.3
15-Apr-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	62.2	50	7.6
19-May-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	61.4	73	11.0
16-Jun-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	48.4	80	9.5
14-Jul-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	43.8	90	9.6
11-Aug-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	42.0	70	7.2
9-Sep-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	36.4	60	5.3
11-Oct-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	38.1	70	6.5
3-Nov-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	78.8	130	25.0
27-Jan-93	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	36.4	30	2.7
22-Apr-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	46.6	40	4.6
20-May-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	120.8	80	23.6
18-Jun-02	48	Yes	Upland	Annie Creek at Crater L. NPS bndry	2	127.8	70	21.9
11-May-91	47	Yes	Upland	Annie Creek at private/ODF bndry	2	43.8	32	3.4
28-May-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	54.4	42	5.6
12-Jun-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	57.2		
1-Jul-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	33.6	67	5.5
17-Jul-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	25.0	59	3.6
6-Aug-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	18.9	62	2.9
27-Aug-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	19.0	58	2.7
12-Sep-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	15.2	58	2.2
17-Oct-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	30.9	66	5.0
17-Mar-92	47	Yes	Upland	Annie Creek at private/ODF bndry	2	37.9	60	5.6
15-Apr-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	37.9	60	5.6
19-May-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	22.0	77	4.2
16-Jun-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	8.5	70	1.5
14-Jul-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	8.2	90	1.8
11-Aug-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	13.6	60	2.0
9-Sep-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	11.2	60	1.6
5-Oct-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	16.5	60	2.4

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
2-Nov-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	76.6	170	31.8
27-Jan-93	47	Yes	Upland	Annie Creek at private/ODF bndry	2	36.0	30	2.6
22-Apr-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	47.0	30	3.4
27-Dec-13	47	Yes	Upland	Annie Creek at private/ODF bndry	2	102.6	50	12.6
18-Jun-02	47	Yes	Upland	Annie Creek at private/ODF bndry	2	108.1	60	15.9
08-Feb-96	7	Yes	Upland	Annie Creek at USFS Bridge near Snow park	1		46	
13-Feb-96	7	Yes	Upland	Annie Creek at USFS Bridge near Snow park	1		53	
03-Sep-99	59	Yes	Upland	Annie Creek Springs	3		30	
11-May-91	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	10.6	37	1.0
28-May-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	16.2	34	1.4
12-Jun-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	30.1	32	2.4
1-Jul-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	13.7	44	1.5
17-Jul-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	14.5	48	1.7
6-Aug-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	4.6	55	0.6
27-Aug-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	5.1	79	1.0
12-Sep-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	4.5	67	0.7
17-Oct-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	22.4	70	3.8
17-Mar-92	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	38.7	60	5.7
15-Apr-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	17.4	60	2.6
19-May-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	9.2	730	16.4
16-Jun-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	3.0	10	0.1
14-Jul-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	0.4	100	0.1
11-Aug-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	3.7	70	0.6
9-Sep-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	3.9	80	0.8
5-Oct-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	5.6	80	1.1
2-Nov-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	79.6	120	23.4
27-Jan-93	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	36.0	50	4.4
22-Apr-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	56.2	50	6.9
20-May-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	102.6	60	15.1
18-Jun-02	49	Yes	Upland	Annie Creek upstream Sun Cr.	2	57.9	50	7.1
19-May-92	50	Yes	Upland	Annie Creek upstream Wood R.	2	3.0	85	0.6
16-Jun-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	2.2	100	0.5



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
14-Jul-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	0.9	90	0.2
11-Aug-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	1.7	80	0.3
9-Sep-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	1.6	90	0.3
11-Oct-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	5.0	70	0.9
2-Nov-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	71.5	150	26.2
27-Jan-93	50	Yes	Upland	Annie Creek upstream Wood R.	2		50	
22-Apr-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	49.1	50	6.0
20-May-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	86.2	50	10.5
18-Jun-02	50	Yes	Upland	Annie Creek upstream Wood R.	2	80.9	50	9.9
13-Jan-99	87	No	Upland	Appletree Drain	3		200	
13-Jan-99	87	No	Upland	Appletree Drain	3		220	
19-Jan-99	87	No	Upland	Appletree Drain	3		180	
19-Jan-99	87	No	Upland	Appletree Drain	3		200	
04-Feb-99	87	No	Upland	Appletree Drain	3		190	
04-Feb-99	87	No	Upland	Appletree Drain	3		200	
12-Feb-99	87	No	Upland	Appletree Drain	3		300	
19-Feb-99	87	No	Upland	Appletree Drain	3		390	
26-Feb-99	87	No	Upland	Appletree Drain	3		310	
05-Mar-99	87	No	Upland	Appletree Drain	3		110	
02-Apr-99	87	No	Upland	Appletree Drain	3		420	
02-Apr-99	87	No	Upland	Appletree Drain	3		420	
13-Apr-99	87	No	Upland	Appletree Drain	3		260	
24-Jan-00	87	No	Upland	Appletree Drain	3		110	
24-Jan-00	87	No	Upland	Appletree Drain	3		110	
31-Jan-00	87	No	Upland	Appletree Drain	3		200	
31-Jan-00	87	No	Upland	Appletree Drain	3		200	
09-Feb-00	87	No	Upland	Appletree Drain	3		320	
09-Feb-00	87	No	Upland	Appletree Drain	3		320	
14-Feb-00	87	No	Upland	Appletree Drain	3		290	
14-Feb-00	87	No	Upland	Appletree Drain	3		280	
23-Feb-00	87	No	Upland	Appletree Drain	3		270	
23-Feb-00	87	No	Upland	Appletree Drain	3		260	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
01-Mar-00	87	No	Upland	Appletree Drain	3		190	
01-Mar-00	87	No	Upland	Appletree Drain	3		200	
09-Mar-00	87	No	Upland	Appletree Drain	3		220	
09-Mar-00	87	No	Upland	Appletree Drain	3		230	
07-Oct-91	8	Yes	Upland	Barkely Canal	1	3.0	102	0.7
25-Nov-91	8	Yes	Upland	Barkely Canal	1	3.1	80	0.6
09-Jan-92	8	Yes	Upland	Barkely Canal	1	3.4	74	0.6
29-Jan-92	8	Yes	Upland	Barkely Canal	1		76	
10-Feb-92	8	Yes	Upland	Barkely Canal	1		75	
26-Mar-92	8	Yes	Upland	Barkely Canal	1		198	
28-Apr-92	8	Yes	Upland	Barkely Canal	1		65	
10-Feb-92	9	Yes	Upland	Barkley Field	1		350	
26-Mar-92	10	Yes	Upland	Barkley Pump	1		414	
15-Mar-93	10	Yes	Upland	Barkley Pump	1		338	
18-Mar-93	10	Yes	Upland	Barkley Pump	1		435	
22-Mar-93	10	Yes	Upland	Barkley Pump	1		280	
29-Mar-93	10	Yes	Upland	Barkley Pump	1		376	
05-Apr-93	10	Yes	Upland	Barkley Pump	1		256	
20-Dec-94	10	Yes	Upland	Barkley Pump	1		767	
12-Jan-95	10	Yes	Upland	Barkley Pump	1		1600	
04-Nov-98	11	Yes	Upland	Barkley Springs	3		80	
26-Mar-92	11	Yes	Upland	Barkley Springs	1		63	
30-Sep-98	66	Yes	Upland	Blue Springs	3		60	
7/29/1992	66	Yes	Upland	Blue Springs	4	2.0	60	0.3
11/18/1992	66	Yes	Upland	Blue Springs	4	3.0	50	0.4
5/11/1993	66	Yes	Upland	Blue Springs	4	3.0	70	0.5
7/13/1993	66	Yes	Upland	Blue Springs	4		50	
5/13/1995	66	Yes	Upland	Blue Springs	4		120	
9/30/1998	66	Yes	Upland	Blue Springs	4		60	
6/4/1995	66	Yes	Upland	Blue Springs	6		90	
6/19/1995	66	Yes	Upland	Blue Springs	6		90	
6/30/1995	66	Yes	Upland	Blue Springs	6		70	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
7/9/1995	66	Yes	Upland	Blue Springs	6		80	
7/13/1995	66	Yes	Upland	Blue Springs	6		70	
8/14/1995	66	Yes	Upland	Blue Springs	6		80	
8/28/1995	66	Yes	Upland	Blue Springs	6		80	
9/16/1995	66	Yes	Upland	Blue Springs	6		70	
10/1/1995	66	Yes	Upland	Blue Springs	6		80	
07-Oct-91	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		675	
25-Nov-91	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		119	
09-Jan-92	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		117	
31-Jan-92	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		195	
26-Mar-92	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		131	
28-Apr-92	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		279	
05-Apr-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		230	
12-Apr-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		197	
19-Apr-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		140	
26-Apr-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		293	
04-May-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		294	
10-May-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		173	
18-May-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		176	
26-May-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		191	
10-Jun-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		140	
23-Jun-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		260	
08-Jul-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		143	
19-Jul-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		193	
17-Aug-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		485	
31-Aug-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		554	
15-Sep-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		266	
28-Sep-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		149	
14-Oct-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		120	
21-Oct-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		102	
02-Nov-93	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		73	
24-Jan-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		347	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
09-Feb-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		192	
01-Mar-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		136	
10-Mar-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		142	
15-Mar-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		130	
23-Mar-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		79	
29-Mar-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		68	
04-Apr-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		103	
13-Apr-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		103	
19-Apr-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		79	
26-Apr-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		91	
10-May-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		115	
31-May-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		116	
13-Jun-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		151	
29-Jun-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		115	
12-Jul-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		131	
25-Jul-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		136	
08-Aug-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		170	
24-Aug-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		188	
06-Sep-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		173	
18-Oct-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		181	
31-Oct-94	12	Yes	Upland	Caledonia Canal (Lakeside of Hwy 140)	1		137	
05-Apr-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		263	
12-Apr-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		155	
19-Apr-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		247	
26-Apr-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		147	
04-May-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		176	
10-May-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		164	
18-May-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		234	
26-May-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		426	
10-Jun-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		253	
12-Oct-93	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1	66.2	105	17.0
06-Feb-95	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		132	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
07-Mar-95	13	Yes	Upland	Caledonia Pump - Draining Caledonia Marsh	1		116	
25-Nov-91	17	Yes	Upland	Cherry Creek	1		37	
07-Jan-92	17	Yes	Upland	Cherry Creek	1		20	
30-Jan-92	17	Yes	Upland	Cherry Creek	1		29	
26-Mar-92	17	Yes	Upland	Cherry Creek	1		24	
27-Apr-92	17	Yes	Upland	Cherry Creek	1		22	
30-Sep-98	76	Yes	Upland	Crooked Creek	3		110	
03-Dec-92	14	Yes	Upland	Crooked Creek at HWY 62 Bridge	1	49.3	89	10.7
04-Jan-93	14	Yes	Upland	Crooked Creek at HWY 62 Bridge	1	48.9	99	11.8
22-Jan-93	14	Yes	Upland	Crooked Creek at HWY 62 Bridge	1	45.9	94	10.6
21-Jan-93	16	Yes	Upland	Crooked Creek at Paige's	1	68.2	120	20.0
01-Feb-93	16	Yes	Upland	Crooked Creek at Paige's	1	67.5	109	18.0
10-Feb-93	16	Yes	Upland	Crooked Creek at Paige's	1		95	
25-Feb-93	16	Yes	Upland	Crooked Creek at Paige's	1	69.4	131	22.2
05-Mar-93	16	Yes	Upland	Crooked Creek at Paige's	1	73.8	134	24.2
26-Mar-93	16	Yes	Upland	Crooked Creek at Paige's	1	57.9	118	16.7
31-Mar-93	16	Yes	Upland	Crooked Creek at Paige's	1	70.8	124	21.4
09-Apr-93	16	Yes	Upland	Crooked Creek at Paige's	1		128	
14-Apr-93	16	Yes	Upland	Crooked Creek at Paige's	1	76.4	116	21.7
20-Apr-93	16	Yes	Upland	Crooked Creek at Paige's	1	75.0	171	31.4
05-May-93	16	Yes	Upland	Crooked Creek at Paige's	1	72.2	123	21.6
13-May-93	16	Yes	Upland	Crooked Creek at Paige's	1	61.3	173	25.9
18-May-93	16	Yes	Upland	Crooked Creek at Paige's	1	44.3	258	28.0
27-May-93	16	Yes	Upland	Crooked Creek at Paige's	1	79.4	128	24.9
10-Jun-93	16	Yes	Upland	Crooked Creek at Paige's	1	82.2	113	22.6
23-Jun-93	16	Yes	Upland	Crooked Creek at Paige's	1	49.7	106	12.9
07-Jul-93	16	Yes	Upland	Crooked Creek at Paige's	1	47.1	139	16.0
20-Jul-93	16	Yes	Upland	Crooked Creek at Paige's	1	68.7	129	21.7
05-Aug-93	16	Yes	Upland	Crooked Creek at Paige's	1	47.4	122	14.2
17-Aug-93	16	Yes	Upland	Crooked Creek at Paige's	1	74.9	120	21.9
31-Aug-93	16	Yes	Upland	Crooked Creek at Paige's	1	58.5	117	16.7
15-Sep-93	16	Yes	Upland	Crooked Creek at Paige's	1		118	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
28-Sep-93	16	Yes	Upland	Crooked Creek at Paige's	1		105	
20-Oct-93	16	Yes	Upland	Crooked Creek at Paige's	1	70.6	100	17.3
02-Nov-93	16	Yes	Upland	Crooked Creek at Paige's	1	71.5	91	15.9
02-Dec-93	16	Yes	Upland	Crooked Creek at Paige's	1	76.9	118	22.2
25-Jan-94	16	Yes	Upland	Crooked Creek at Paige's	1	77.7	246	46.8
11-Feb-94	16	Yes	Upland	Crooked Creek at Paige's	1	74.7	98	17.9
28-Feb-94	16	Yes	Upland	Crooked Creek at Paige's	1	80.6	109	21.5
09-Mar-94	16	Yes	Upland	Crooked Creek at Paige's	1	75.8	111	20.6
15-Mar-94	16	Yes	Upland	Crooked Creek at Paige's	1	76.2	114	21.3
23-Mar-94	16	Yes	Upland	Crooked Creek at Paige's	1	74.4	98	17.7
29-Mar-94	16	Yes	Upland	Crooked Creek at Paige's	1	74.1	116	21.0
19-Apr-94	16	Yes	Upland	Crooked Creek at Paige's	1	67.2	116	19.1
12-May-94	16	Yes	Upland	Crooked Creek at Paige's	1	46.5	107	12.2
01-Jun-94	16	Yes	Upland	Crooked Creek at Paige's	1	45.7	119	13.3
14-Jun-94	16	Yes	Upland	Crooked Creek at Paige's	1	69.3	108	18.3
29-Jun-94	16	Yes	Upland	Crooked Creek at Paige's	1	62.8	118	18.1
12-Jul-94	16	Yes	Upland	Crooked Creek at Paige's	1	69.2	125	21.2
10-Aug-94	16	Yes	Upland	Crooked Creek at Paige's	1	37.4	145	13.3
23-Aug-94	16	Yes	Upland	Crooked Creek at Paige's	1	57.0	110	15.3
21-Sep-94	16	Yes	Upland	Crooked Creek at Paige's	1	52.1	109	13.9
04-Oct-94	16	Yes	Upland	Crooked Creek at Paige's	1	72.9	116	20.7
28-Nov-94	16	Yes	Upland	Crooked Creek at Paige's	1		121	
22-Feb-95	16	Yes	Upland	Crooked Creek at Paige's	1		120	
28-Mar-95	16	Yes	Upland	Crooked Creek at Paige's	1	71.7	120	21.1
25-Apr-95	16	Yes	Upland	Crooked Creek at Paige's	1	72.5	103	18.3
09-May-95	16	Yes	Upland	Crooked Creek at Paige's	1	72.6	128	22.7
23-May-95	16	Yes	Upland	Crooked Creek at Paige's	1	66.8	106	17.3
06-Jun-95	16	Yes	Upland	Crooked Creek at Paige's	1	61.1	130	19.4
21-Jun-95	16	Yes	Upland	Crooked Creek at Paige's	1	73.6	111	20.0
02-Jan-97	16	Yes	Upland	Crooked Creek at Paige's	1		136	
30-Jun-95	106	Yes	Upland	Crooked Creek Springs	6		90	
09-Jul-95	106	Yes	Upland	Crooked Creek Springs	6		90	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
31-Jul-95	106	Yes	Upland	Crooked Creek Springs	6		90	
14-Aug-95	106	Yes	Upland	Crooked Creek Springs	6		100	
28-Aug-95	106	Yes	Upland	Crooked Creek Springs	6		90	
16-Sep-95	106	Yes	Upland	Crooked Creek Springs	6		90	
01-Oct-95	106	Yes	Upland	Crooked Creek Springs	6		100	
28-Jul-92	106	Yes	Upland	Crooked Creek Springs	9	38.0	90	8.4
12-May-93	106	Yes	Upland	Crooked Creek Springs	9	39.0	100	9.5
15-Jul-93	106	Yes	Upland	Crooked Creek Springs	9	45.0	90	9.9
23-Sep-93	106	Yes	Upland	Crooked Creek Springs	9	42.0	100	10.3
04-Oct-54	106	Yes	Upland	Crooked Creek Springs	10	43.6		
11-Aug-98	61	Yes	Upland	Crystal Creek	3		110	
28-Jul-99	61	Yes	Upland	Crystal Creek	3		70	
07-Oct-91	15	Yes	Upland	Crystal Creek at Lodge Channel	1		83	
25-Nov-91	15	Yes	Upland	Crystal Creek at Lodge Channel	1		71	
07-Jan-92	15	Yes	Upland	Crystal Creek at Lodge Channel	1		51	
30-Jan-92	15	Yes	Upland	Crystal Creek at Lodge Channel	1		64	
26-Mar-92	15	Yes	Upland	Crystal Creek at Lodge Channel	1		65	
27-Apr-92	15	Yes	Upland	Crystal Creek at Lodge Channel	1		83	
17-Aug-99	125	Yes	Upland	Fishhole Creek @ Hwy 140 U/S of Bly	11		80	
18-Aug-99	125	Yes	Upland	Fishhole Creek @ Hwy 140 U/S of Bly	11		70	
19-Aug-99	125	Yes	Upland	Fishhole Creek @ Hwy 140 U/S of Bly	11		70	
02-May-00	126	Yes	Upland	Fishhole Creek u/s of Robinson Creek	11		50	
30-Sep-98	68	Yes	Upland	Fort Creek Springs	3		90	
03-Sep-99	68	Yes	Upland	Fort Creek Springs	3		60	
07-Oct-91	2	Yes	Upland	Four Mile Creek	1		89	
25-Nov-91	2	Yes	Upland	Four Mile Creek	1		53	
07-Jan-92	2	Yes	Upland	Four Mile Creek	1		61	
10-Feb-92	2	Yes	Upland	Four Mile Creek	1		87	
03-Mar-92	2	Yes	Upland	Four Mile Creek	1		77	
26-Mar-92	2	Yes	Upland	Four Mile Creek	1		44	
25-Nov-91	3	Yes	Upland	Four Mile Spring	1		69	
07-Jan-92	3	Yes	Upland	Four Mile Spring	1		76	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
29-Jan-92	3	Yes	Upland	Four Mile Spring	1		80	
26-Mar-92	3	Yes	Upland	Four Mile Spring	1		84	
27-Apr-92	3	Yes	Upland	Four Mile Spring	1		76	
25-Feb-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		91	
03-Apr-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		57	
30-Apr-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		71	
05-Jun-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		80	
19-Jun-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		97	
17-Jul-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		176	
01-Aug-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		190	
14-Aug-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		182	
28-Aug-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		204	
11-Sep-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		234	
25-Sep-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		195	
07-Oct-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		240	
09-Oct-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		225	
31-Oct-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		408	
21-Nov-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		122	
25-Nov-91	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		108	
09-Jan-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		92	
31-Jan-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		137	
10-Feb-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		77	
28-Feb-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		71	
03-Mar-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		69	
18-Mar-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		55	
26-Mar-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		50	
02-Apr-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		63	
08-Apr-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		106	
14-Apr-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		83	
23-Apr-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		80	
28-Apr-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		66	
06-May-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		80	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-May-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		87	
20-May-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		95	
27-May-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		102	
03-Jun-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		139	
09-Jun-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		165	
17-Jun-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		287	
02-Jul-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		234	
14-Jul-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		492	
29-Jul-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		222	
12-Aug-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		54	
26-Aug-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		197	
22-Sep-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		113	
08-Oct-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		109	
21-Oct-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		93	
23-Nov-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		77	
09-Dec-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		41	
22-Dec-92	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		56	
05-Jan-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		69	
22-Jan-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		53	
02-Feb-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		55	
10-Feb-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		44	
26-Feb-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		72	
12-Mar-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		68	
18-Mar-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		69	
22-Mar-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		57	
29-Mar-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		58	
05-Apr-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		98	
12-Apr-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		106	
19-Apr-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		62	
26-Apr-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		64	
04-May-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		66	
10-May-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		68	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
18-May-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		54	
26-May-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		63	
10-Jun-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		62	
23-Jun-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		57	
08-Jul-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		161	
19-Jul-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		150	
05-Aug-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		138	
17-Aug-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		274	
31-Aug-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		101	
15-Sep-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		76	
28-Sep-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		68	
14-Oct-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		67	
21-Oct-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		61	
02-Nov-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		71	
30-Nov-93	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		72	
24-Jan-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		73	
09-Feb-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		42	
01-Mar-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		53	
10-Mar-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		43	
15-Mar-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		41	
23-Mar-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		36	
29-Mar-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		43	
04-Apr-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		47	
13-Apr-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		67	
19-Apr-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		61	
26-Apr-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		50	
10-May-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		37	
24-May-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		47	
31-May-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		45	
13-Jun-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		80	
29-Jun-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		178	
12-Jul-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		171	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
25-Jul-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		102	
08-Aug-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		163	
24-Aug-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		129	
06-Sep-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		116	
14-Sep-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		125	
19-Sep-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		124	
05-Oct-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		171	
12-Oct-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		109	
18-Oct-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		122	
31-Oct-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		87	
10-Nov-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		106	
15-Nov-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		115	
22-Nov-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		99	
29-Nov-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		88	
12-Dec-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		83	
19-Dec-94	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		87	
03-Jan-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		97	
17-Jan-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		77	
31-Jan-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		60	
07-Feb-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		78	
14-Feb-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		68	
22-Feb-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		101	
27-Feb-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		61	
07-Mar-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		60	
13-Mar-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		74	
27-Mar-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		91	
08-May-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		51	
07-Jun-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		75	
06-Jul-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		142	
20-Jul-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		143	
02-Aug-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		162	
16-Aug-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		146	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
28-Aug-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		150	
12-Sep-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		188	
26-Sep-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		146	
04-Oct-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		282	
10-Oct-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		78	
18-Oct-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		159	
24-Oct-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		124	
01-Nov-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		131	
07-Nov-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		117	
20-Nov-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		121	
29-Nov-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		111	
13-Dec-95	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		86	
02-Jan-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		85	
13-Feb-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		72	
26-Feb-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		74	
20-Mar-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		44	
03-Apr-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		33	
09-Apr-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		20	
24-Apr-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		19	
29-May-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		54	
11-Jun-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		52	
24-Jun-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		57	
08-Jul-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		102	
24-Jul-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		116	
02-Aug-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		125	
27-Aug-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		202	
04-Sep-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		173	
16-Sep-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		256	
01-Oct-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		322	
16-Oct-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		115	
31-Oct-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		146	
13-Dec-96	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		86	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
02-Jan-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		79	
08-Jan-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		53	
29-Jan-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		83	
18-Feb-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		73	
12-Mar-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		48	
26-Mar-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		52	
09-Apr-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		59	
06-May-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		32	
20-May-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		57	
16-Jun-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		227	
02-Jul-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		328	
16-Jul-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		181	
30-Jul-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		287	
12-Aug-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		270	
27-Aug-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		249	
09-Sep-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		388	
23-Sep-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		216	
14-Oct-97	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		169	
13-Jan-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		82	
02-Feb-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		68	
26-Feb-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		51	
10-Mar-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		40	
24-Mar-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		43	
07-Apr-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		41	
15-Apr-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		65	
29-Apr-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		32	
18-May-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		62	
03-Jun-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		43	
17-Jun-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		154	
30-Jun-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		62	
14-Jul-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		189	
28-Jul-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		194	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Aug-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		245	
25-Aug-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		136	
08-Sep-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		172	
22-Sep-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		226	
01-Oct-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		158	
21-Oct-98	18	Yes	Upland	Freemont Bridge at Outlet of Klamath Lake	1		103	
30-Sep-98	58	Yes	Upland	Gerry Canal Inlet	3		110	
04-Nov-98	58	Yes	Upland	Gerry Canal Inlet	3		80	
23-Dec-98	58	Yes	Upland	Gerry Canal Inlet	3		120	
23-Dec-98	58	Yes	Upland	Gerry Canal Inlet	3		130	
30-Dec-98	58	Yes	Upland	Gerry Canal Inlet	3		80	
06-Jan-99	58	Yes	Upland	Gerry Canal Inlet	3		140	
13-Jan-99	58	Yes	Upland	Gerry Canal Inlet	3		130	
19-Jan-99	58	Yes	Upland	Gerry Canal Inlet	3		150	
22-Jan-99	58	Yes	Upland	Gerry Canal Inlet	3		130	
05-Mar-99	58	Yes	Upland	Gerry Canal Inlet	3		160	
29-Nov-99	58	Yes	Upland	Gerry Canal Inlet	3		110	
29-Nov-99	58	Yes	Upland	Gerry Canal Inlet	3		100	
06-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		280	
14-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		130	
14-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		130	
20-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		150	
20-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		150	
27-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		110	
27-Dec-99	58	Yes	Upland	Gerry Canal Inlet	3		100	
03-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		140	
03-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		140	
10-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		90	
10-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		100	
19-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		130	
19-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		130	
24-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		150	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
24-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		160	
31-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		170	
31-Jan-00	58	Yes	Upland	Gerry Canal Inlet	3		170	
10-Feb-92	19	Yes	Upland	Hanks Field	1		575	
10-Feb-92	20	Yes	Upland	Hanks Marsh (in marsh east of Hwy 97)	1		114	
30-Sep-98	84	Yes	Upland	Hank's Marsh (SE corner)	3		160	
04-Nov-98	84	Yes	Upland	Hank's Marsh (SE corner)	3		90	
26-Mar-92	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		214	
26-Feb-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		291	
15-Mar-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		513	
18-Mar-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		828	
22-Mar-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		241	
29-Mar-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		197	
05-Apr-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		428	
12-Apr-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		386	
19-Apr-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		329	
26-Apr-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		224	
06-May-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		322	
10-May-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		405	
18-May-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		460	
23-Jun-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		73	
19-Jul-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		81	
05-Aug-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		118	
17-Aug-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		54	
15-Sep-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		52	
21-Oct-93	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		93	
24-Jan-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		156	
09-Feb-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		52	
01-Mar-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		60	
10-Mar-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		58	
15-Mar-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		77	
23-Mar-94	22	Yes	Upland	Hanks Marsh Pump (draining ag area below marsh)	1		52	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
29-Mar-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		65	
04-Apr-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		92	
19-Apr-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		138	
26-Apr-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		67	
31-May-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		118	
13-Jun-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		76	
29-Jun-94	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		87	
06-Feb-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		633	
27-Mar-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		151	
11-Apr-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		122	
14-Apr-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		142	
24-Apr-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		171	
20-Jul-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		95	
12-Sep-95	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		81	
03-Jan-96	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		285	
26-Feb-96	22	Yes	Upland	Hanks Marsh Pump ( draining ag area below marsh)	1		609	
07-Oct-91	21	Yes	Upland	Harriman Spring	1		47	
25-Nov-91	21	Yes	Upland	Harriman Spring	1		35	
07-Jan-92	21	Yes	Upland	Harriman Spring	1		36	
30-Jan-92	21	Yes	Upland	Harriman Spring	1		45	
26-Mar-92	21	Yes	Upland	Harriman Spring	1		35	
28-Apr-92	21	Yes	Upland	Harriman Spring	1		38	
30-Sep-98	21	Yes	Upland	Harriman Springs	3		40	
30-Sep-98	67	Yes	Upland	Kimball Park Springs	3		70	
03-Sep-99	67	Yes	Upland	Kimball Park Springs	3		60	
30-Sep-98	83	Yes	Upland	Lakeside Farm (Hank's) Drain	3		190	
04-Nov-98	83	Yes	Upland	Lakeside Farm (Hank's) Drain	3		220	
06-Jan-99	83	Yes	Upland	Lakeside Farm (Hank's) Drain	3		270	
07-Oct-91	23	Yes	Upland	Malone Spring	1		99	
25-Nov-91	23	Yes	Upland	Malone Spring	1		72	
09-Jan-92	23	Yes	Upland	Malone Spring	1		69	
30-Jan-92	23	Yes	Upland	Malone Spring	1		91	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Mar-92	23	Yes	Upland	Malone Spring	1		76	
28-Apr-92	23	Yes	Upland	Malone Spring	1		136	
28-Jul-99	23	Yes	Upland	Malone Spring	3		60	
07-Oct-91	26	Yes	Upland	Mares Egg Spring	1		74	
25-Nov-91	26	Yes	Upland	Mares Egg Spring	1		60	
07-Jan-92	26	Yes	Upland	Mares Egg Spring	1		65	
29-Jan-92	26	Yes	Upland	Mares Egg Spring	1		69	
26-Mar-92	26	Yes	Upland	Mares Egg Spring	1		62	
27-Apr-92	26	Yes	Upland	Mares Egg Spring	1		68	
30-Sep-98	26	Yes	Upland	Mares Egg Spring	3		70	
7/29/1992	26	Yes	Upland	Mares Egg Spring	4		50	
11/18/1992	26	Yes	Upland	Mares Egg Spring	4		60	
3/31/1993	26	Yes	Upland	Mares Egg Spring	4		60	
5/11/1993	26	Yes	Upland	Mares Egg Spring	4		60	
7/13/1993	26	Yes	Upland	Mares Egg Spring	4		70	
9/21/1993	26	Yes	Upland	Mares Egg Spring	4		70	
5/13/1995	26	Yes	Upland	Mares Egg Spring	5		115	
6/4/1995	26	Yes	Upland	Mares Egg Spring	5		100	
6/19/1995	26	Yes	Upland	Mares Egg Spring	5		100	
6/30/1995	26	Yes	Upland	Mares Egg Spring	5		80	
7/9/1995	26	Yes	Upland	Mares Egg Spring	5		90	
7/13/1995	26	Yes	Upland	Mares Egg Spring	5		90	
8/14/1995	26	Yes	Upland	Mares Egg Spring	5		80	
8/28/1995	26	Yes	Upland	Mares Egg Spring	5		80	
9/16/1995	26	Yes	Upland	Mares Egg Spring	5		90	
10/1/1995	26	Yes	Upland	Mares Egg Spring	5		80	
26-Mar-92	25	Yes	Upland	McCornack Pump	1		86	
22-Mar-93	25	Yes	Upland	McCornack Pump	1		188	
29-Mar-93	25	Yes	Upland	McCornack Pump	1		179	
05-Apr-93	25	Yes	Upland	McCornack Pump	1		351	
12-Apr-93	25	Yes	Upland	McCornack Pump	1		441	
19-Apr-93	25	Yes	Upland	McCornack Pump	1		458	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Apr-93	25	Yes	Upland	McCornack Pump	1		440	
19-Apr-94	25	Yes	Upland	McCornack Pump	1		636	
26-Apr-94	25	Yes	Upland	McCornack Pump	1		614	
26-Feb-96	25	Yes	Upland	McCornack Pump	1		170	
26-Feb-96	24	Yes	Upland	McCornack Pump South	1		626	
07-Oct-91	27	Yes	Upland	Modoc Canal	1	5.1	180	2.2
25-Nov-91	27	Yes	Upland	Modoc Canal	1	5.3	55	0.7
09-Jan-92	27	Yes	Upland	Modoc Canal	1	6.3	79	1.2
29-Jan-92	27	Yes	Upland	Modoc Canal	1	8.8	70	1.5
26-Mar-92	27	Yes	Upland	Modoc Canal	1		209	
28-Apr-92	27	Yes	Upland	Modoc Canal	1		217	
13-May-92	27	Yes	Upland	Modoc Canal	1	1.6	264	1.0
27-May-92	27	Yes	Upland	Modoc Canal	1		221	
09-Jun-92	27	Yes	Upland	Modoc Canal	1		160	
29-Sep-92	27	Yes	Upland	Modoc Canal	1		77	
21-Oct-92	27	Yes	Upland	Modoc Canal	1			
23-Nov-92	27	Yes	Upland	Modoc Canal	1	2.1	90	0.5
09-Dec-92	27	Yes	Upland	Modoc Canal	1		67	
06-Apr-93	27	Yes	Upland	Modoc Canal	1		166	
13-Apr-93	27	Yes	Upland	Modoc Canal	1		142	
19-Apr-93	27	Yes	Upland	Modoc Canal	1		171	
26-Apr-93	27	Yes	Upland	Modoc Canal	1		112	
04-May-93	27	Yes	Upland	Modoc Canal	1		128	
10-May-93	27	Yes	Upland	Modoc Canal	1		151	
18-May-93	27	Yes	Upland	Modoc Canal	1		351	
26-May-93	27	Yes	Upland	Modoc Canal	1		102	
10-Jun-93	27	Yes	Upland	Modoc Canal	1		67	
17-Aug-99	127	Yes	Upland	N.F. Sprague R. @ Campbell Rd.	11		70	
18-Aug-99	127	Yes	Upland	N.F. Sprague R. @ Campbell Rd.	11		90	
19-Aug-99	127	Yes	Upland	N.F. Sprague R. @ Campbell Rd.	11		70	
17-Aug-99	128	Yes	Upland	N.F. Sprague R. @ Ivory Pine Rd.	11		70	
18-Aug-99	128	Yes	Upland	N.F. Sprague R. @ Ivory Pine Rd.	11		70	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
19-Aug-99	128	Yes	Upland	N.F. Sprague R. @ Ivory Pine Rd.	11		80	
02-May-00	128	Yes	Upland	N.F. Sprague R. @ Ivory Pine Rd.	11		60	
18-Aug-99	129	Yes	Upland	N.F. Sprague R. @ the elbow	11		50	
19-Aug-99	129	Yes	Upland	N.F. Sprague R. @ the elbow	11		60	
02-May-00	129	Yes	Upland	N.F. Sprague R. @ the elbow	11		50	
17-Aug-99	129	Yes	Upland	N.F. Sprague R. @ the elbow	11		50	
10-Jun-93	29	Yes	Upland	Odessa Canal	1		72	
26-Mar-92	30	Yes	Upland	Odessa Canal draining to pump	1		74	
28-Apr-92	30	Yes	Upland	Odessa Canal draining to pump	1		155	
05-Apr-93	30	Yes	Upland	Odessa Canal draining to pump	1		111	
12-Apr-93	30	Yes	Upland	Odessa Canal draining to pump	1		64	
19-Apr-93	30	Yes	Upland	Odessa Canal draining to pump	1		50	
26-Apr-93	30	Yes	Upland	Odessa Canal draining to pump	1		59	
04-May-93	30	Yes	Upland	Odessa Canal draining to pump	1		71	
10-May-93	30	Yes	Upland	Odessa Canal draining to pump	1		63	
18-May-93	30	Yes	Upland	Odessa Canal draining to pump	1		77	
26-May-93	30	Yes	Upland	Odessa Canal draining to pump	1		137	
19-Apr-95	30	Yes	Upland	Odessa Canal draining to pump	1		66	
07-Oct-91	28	Yes	Upland	Odessa Creek	1		62	
25-Nov-91	28	Yes	Upland	Odessa Creek	1		50	
08-Jan-92	28	Yes	Upland	Odessa Creek	1		48	
30-Jan-92	28	Yes	Upland	Odessa Creek	1		58	
26-Mar-92	28	Yes	Upland	Odessa Creek	1		58	
28-Apr-92	28	Yes	Upland	Odessa Creek	1		95	
30-Sep-98	62	Yes	Upland	Odessa Springs	3		40	
09-Jan-92	31	Yes	Upland	Ouxy Springs	1		51	
29-Jan-92	31	Yes	Upland	Ouxy Springs	1		52	
26-Mar-92	31	Yes	Upland	Ouxy Springs	1		50	
28-Apr-92	31	Yes	Upland	Ouxy Springs	1		55	
18-Aug-99	131	Yes	Upland	QA S.F. Sprague R. @ Sprague R. Campground	11		40	
02-May-00	132	Yes	Upland	QA Sprague R. @ Chiloquin Bridge U/S of mouth	11		70	
22-Aug-00	133	Yes	Upland	QA Sprague R. @ Saddle Mtn. Pit Rd. (FS 5850)	11			

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
18-Aug-99	134	Yes	Upland	QA Sprague R. @ Sprague R. Rd. bridge near Williamson Rd.	11		70	
17-Aug-99	135	Yes	Upland	QA Williamson R. @ Military Crossing Rd.	11		100	
17-Aug-99	136	Yes	Upland	QA Sprague R. @ Klamath Co. Public Access off Drews Rd.	11		70	
19-Aug-99	136	Yes	Upland	QA Sprague R. @ Klamath Co. Public Access off Drews Rd.	11		80	
19-Aug-99	137	Yes	Upland	QA Williamson R. @ Silver Lake Rd. near Wildlife Refuge ent	11		110	
18-Mar-93	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		432	
22-Mar-93	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		159	
29-Mar-93	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		177	
05-Apr-93	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		413	
12-Apr-93	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		276	
15-Mar-94	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		454	
04-Apr-94	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		505	
07-Jun-95	6	Yes	Upland	Rattlesnake Point Pump (ALGOMA PUMP)	1		739	
7/28/1992	105	Yes	Upland	Reservation Springs	2		70	
11/17/1992	105	Yes	Upland	Reservation Springs	2		60	
3/30/1993	105	Yes	Upland	Reservation Springs	2		80	
5/12/1993	105	Yes	Upland	Reservation Springs	2		80	
7/14/1993	105	Yes	Upland	Reservation Springs	2		90	
9/22/1993	105	Yes	Upland	Reservation Springs	2		100	
30-Sep-98	105	Yes	Upland	Reservation Springs	4		90	
5/13/1995	105	Yes	Upland	Reservation Springs	6		100	
6/4/1995	105	Yes	Upland	Reservation Springs	6		15	
6/19/1995	105	Yes	Upland	Reservation Springs	6		120	
6/30/1995	105	Yes	Upland	Reservation Springs	6		90	
7/9/1995	105	Yes	Upland	Reservation Springs	6		90	
7/31/1995	105	Yes	Upland	Reservation Springs	6		90	
8/14/1995	105	Yes	Upland	Reservation Springs	6		100	
8/28/1995	105	Yes	Upland	Reservation Springs	6		90	
9/16/1995	105	Yes	Upland	Reservation Springs	6		90	
10/1/1995	105	Yes	Upland	Reservation Springs	6		80	
19-Jun-96	105	Yes	Upland	Reservation Springs	7	61.1		
04-Nov-98	93	Yes	Upland	Restored Channel (w. of river)	3		1830	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
30-Jan-92	32	Yes	Upland	Rock Creek (Draining to Crystal Creek)	1		17	
26-Mar-92	32	Yes	Upland	Rock Creek (Draining to Crystal Creek)	1		6	
27-Apr-92	32	Yes	Upland	Rock Creek (Draining to Crystal Creek)	1		8	
05-Mar-99	90	Yes	Upland	Run. Y Golf Course Drain	3		250	
02-Apr-99	90	Yes	Upland	Run. Y Golf Course Drain	3		170	
13-Apr-99	90	Yes	Upland	Run. Y Golf Course Drain	3		290	
20-Apr-99	90	Yes	Upland	Run. Y Golf Course Drain	3		140	
23-Feb-00	90	Yes	Upland	Run. Y Golf Course Drain	3		110	
01-Mar-00	90	Yes	Upland	Run. Y Golf Course Drain	3		90	
09-Mar-00	90	Yes	Upland	Run. Y Golf Course Drain	3		80	
15-Mar-00	90	Yes	Upland	Run. Y Golf Course Drain	3		80	
17-Aug-99	138	Yes	Upland	S.F. Sprague R. @ Dairy Creek Rd.	11		60	
18-Aug-99	138	Yes	Upland	S.F. Sprague R. @ Dairy Creek Rd.	11		60	
19-Aug-99	138	Yes	Upland	S.F. Sprague R. @ Dairy Creek Rd.	11		60	
17-Aug-99	139	Yes	Upland	S.F. Sprague R. @ Ivory Pine Rd. Crossing	11		70	
18-Aug-99	139	Yes	Upland	S.F. Sprague R. @ Ivory Pine Rd. Crossing	11		90	
19-Aug-99	139	Yes	Upland	S.F. Sprague R. @ Ivory Pine Rd. Crossing	11		70	
02-May-00	139	Yes	Upland	S.F. Sprague R. @ Ivory Pine Rd. Crossing	11		60	
22-Aug-00	139	Yes	Upland	S.F. Sprague R. @ Ivory Pine Rd. Crossing	11			
17-Aug-99	140	Yes	Upland	S.F. Sprague R. @ Sprague R. Campground	11		50	
18-Aug-99	140	Yes	Upland	S.F. Sprague R. @ Sprague R. Campground	11		40	
19-Aug-99	140	Yes	Upland	S.F. Sprague R. @ Sprague R. Campground	11		40	
11-May-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	28.6	33	2.3
28-May-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	11.6	49	1.4
12-Jun-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	6.0		
01-Jul-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	3.5	59	0.5
17-Jul-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	11.8	54	1.6
06-Aug-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	0.6	60	0.1
27-Aug-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	0.7	64	0.1
12-Sep-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	11.3	65	1.8
17-Oct-91	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	15.8	76	2.9
17-Mar-92	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	20.5	80	4.0

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
15-Apr-92	57	Yes	Upland	Sevenmile at Forest/Private Pasture Bndry	2	7.8	70	1.3
11-May-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	10.7	16	0.4
01-May-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	18.0	20	0.9
12-Jun-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	18.2		
01-Jul-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	19.6	23	1.1
17-Jul-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	3.0	27	0.2
06-Aug-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	0.5	66	0.1
27-Aug-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	0.6	34	0.0
12-Sep-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	0.5	29	0.0
17-Oct-91	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	0.6	49	0.1
17-Mar-92	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	20.6	90	4.5
15-Apr-92	54	Yes	Upland	Sevenmile at Wilderness Bndry	2	10.5	20	0.5
12-Jun-91	55	Yes	Upland	Sevenmile at Winema NF	2	31.6	36	2.8
01-Jul-92	55	Yes	Upland	Sevenmile at Winema NF	2	16.4	79	3.2
17-Jul-91	55	Yes	Upland	Sevenmile at Winema NF	2	18.8		
06-Aug-91	55	Yes	Upland	Sevenmile at Winema NF	2	21.5	94	5.0
27-Aug-91	55	Yes	Upland	Sevenmile at Winema NF	2	22.3	73	4.0
12-Sep-91	55	Yes	Upland	Sevenmile at Winema NF	2	20.6	96	4.8
17-Oct-91	55	Yes	Upland	Sevenmile at Winema NF	2	16.2	94	3.7
15-Apr-92	55	Yes	Upland	Sevenmile at Winema NF	2	25.9	70	4.4
07-Oct-91	4	Yes	Upland	Sevenmile Canal	1	52.8	153	19.7
25-Nov-91	4	Yes	Upland	Sevenmile Canal	1	139.7	109	37.3
07-Jan-92	4	Yes	Upland	Sevenmile Canal	1	145.1	86	30.5
29-Jan-92	4	Yes	Upland	Sevenmile Canal	1	154.2	157	59.2
10-Feb-92	4	Yes	Upland	Sevenmile Canal	1		107	
03-Mar-92	4	Yes	Upland	Sevenmile Canal	1		122	
26-Mar-92	4	Yes	Upland	Sevenmile Canal	1		98	
02-Apr-92	4	Yes	Upland	Sevenmile Canal	1		108	
07-Apr-92	4	Yes	Upland	Sevenmile Canal	1		118	
16-Apr-92	4	Yes	Upland	Sevenmile Canal	1		131	
22-Apr-92	4	Yes	Upland	Sevenmile Canal	1		132	
27-Apr-92	4	Yes	Upland	Sevenmile Canal	1		106	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
07-May-92	4	Yes	Upland	Sevenmile Canal	1		141	
13-May-92	4	Yes	Upland	Sevenmile Canal	1		304	
27-May-92	4	Yes	Upland	Sevenmile Canal	1		252	
09-Jun-92	4	Yes	Upland	Sevenmile Canal	1		177	
29-Sep-92	4	Yes	Upland	Sevenmile Canal	1		145	
21-Oct-92	4	Yes	Upland	Sevenmile Canal	1			
23-Nov-92	4	Yes	Upland	Sevenmile Canal	1	243.2	165	98.2
09-Dec-92	4	Yes	Upland	Sevenmile Canal	1		108	
05-Jan-93	4	Yes	Upland	Sevenmile Canal	1		123	
01-Feb-93	4	Yes	Upland	Sevenmile Canal	1		125	
26-Feb-93	4	Yes	Upland	Sevenmile Canal	1		133	
12-Mar-93	4	Yes	Upland	Sevenmile Canal	1		150	
18-Mar-93	4	Yes	Upland	Sevenmile Canal	1		248	
26-Mar-93	4	Yes	Upland	Sevenmile Canal	1	544.5	218	290.4
31-Mar-93	4	Yes	Upland	Sevenmile Canal	1		217	
06-Apr-93	4	Yes	Upland	Sevenmile Canal	1		190	
14-Apr-93	4	Yes	Upland	Sevenmile Canal	1		156	
20-Apr-93	4	Yes	Upland	Sevenmile Canal	1		204	
29-Apr-93	4	Yes	Upland	Sevenmile Canal	1	204.6	190	94.9
05-May-93	4	Yes	Upland	Sevenmile Canal	1	81.6	180	35.9
12-May-93	4	Yes	Upland	Sevenmile Canal	1	55.2	232	31.3
18-May-93	4	Yes	Upland	Sevenmile Canal	1		370	
26-May-93	4	Yes	Upland	Sevenmile Canal	1	331.3	262	212.4
23-Jun-93	4	Yes	Upland	Sevenmile Canal	1		180	
07-Jul-93	4	Yes	Upland	Sevenmile Canal	1	21.6	202	10.7
20-Jul-93	4	Yes	Upland	Sevenmile Canal	1		224	
17-Aug-93	4	Yes	Upland	Sevenmile Canal	1	119.2	345	100.6
31-Aug-93	4	Yes	Upland	Sevenmile Canal	1	74.6	146	26.7
15-Sep-93	4	Yes	Upland	Sevenmile Canal	1		146	
28-Sep-93	4	Yes	Upland	Sevenmile Canal	1		81	
14-Oct-93	4	Yes	Upland	Sevenmile Canal	1	207.0	81	41.0
21-Oct-93	4	Yes	Upland	Sevenmile Canal	1	91.9	78	17.5

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
02-Nov-93	4	Yes	Upland	Sevenmile Canal	1	132.3	75	24.3
02-Dec-93	4	Yes	Upland	Sevenmile Canal	1	229.0	88	49.3
26-Jan-94	4	Yes	Upland	Sevenmile Canal	1	109.4	178	47.6
11-Feb-94	4	Yes	Upland	Sevenmile Canal	1	1.1	90	0.2
28-Feb-94	4	Yes	Upland	Sevenmile Canal	1	42.8	55	5.8
09-Mar-94	4	Yes	Upland	Sevenmile Canal	1	104.2	121	30.8
01-Jun-94	4	Yes	Upland	Sevenmile Canal	1	2.0	138	0.7
14-Jun-94	4	Yes	Upland	Sevenmile Canal	1	83.2	148	30.1
29-Jun-94	4	Yes	Upland	Sevenmile Canal	1	20.0	163	8.0
27-Jul-94	4	Yes	Upland	Sevenmile Canal	1	53.9	233	30.7
07-Sep-94	4	Yes	Upland	Sevenmile Canal	1	93.6	126	28.7
20-Sep-94	4	Yes	Upland	Sevenmile Canal	1	148.9	110	39.9
04-Oct-94	4	Yes	Upland	Sevenmile Canal	1	142.4	125	43.5
17-Oct-94	4	Yes	Upland	Sevenmile Canal	1	131.0	83	26.4
01-Nov-94	4	Yes	Upland	Sevenmile Canal	1		76	
15-Nov-94	4	Yes	Upland	Sevenmile Canal	1	219.2	72	38.3
28-Nov-94	4	Yes	Upland	Sevenmile Canal	1	116.9	99	28.3
12-Dec-94	4	Yes	Upland	Sevenmile Canal	1		122	
04-Jan-95	4	Yes	Upland	Sevenmile Canal	1	85.3	99	20.7
18-Jan-95	4	Yes	Upland	Sevenmile Canal	1		129	
31-Jan-95	4	Yes	Upland	Sevenmile Canal	1		136	
14-Feb-95	4	Yes	Upland	Sevenmile Canal	1	16.5	81	3.3
28-Feb-95	4	Yes	Upland	Sevenmile Canal	1	101.9	100	24.9
16-Mar-95	4	Yes	Upland	Sevenmile Canal	1	168.8	76	31.4
28-Mar-95	4	Yes	Upland	Sevenmile Canal	1	190.1	126	58.6
11-Apr-95	4	Yes	Upland	Sevenmile Canal	1		109	
23-May-95	4	Yes	Upland	Sevenmile Canal	1	200.1	90	44.1
06-Jun-95	4	Yes	Upland	Sevenmile Canal	1	204.3	258	129.0
21-Jun-95	4	Yes	Upland	Sevenmile Canal	1	33.2	115	9.3
05-Jul-95	4	Yes	Upland	Sevenmile Canal	1	90.5	382	84.6
12-Sep-95	4	Yes	Upland	Sevenmile Canal	1	10.9	134	3.6
26-Sep-95	4	Yes	Upland	Sevenmile Canal	1	126.6	122	37.8



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
10-Oct-95	4	Yes	Upland	Sevenmile Canal	1	94.2	65	15.0
24-Oct-95	4	Yes	Upland	Sevenmile Canal	1	61.2	53	7.9
07-Nov-95	4	Yes	Upland	Sevenmile Canal	1	78.5	77	14.7
03-Jan-96	4	Yes	Upland	Sevenmile Canal	1	207.0	540	273.5
08-Feb-96	4	Yes	Upland	Sevenmile Canal	1		172	
13-Feb-96	4	Yes	Upland	Sevenmile Canal	1	428.4	90	94.3
28-Feb-96	4	Yes	Upland	Sevenmile Canal	1			
08-May-96	4	Yes	Upland	Sevenmile Canal	1	217.0	99	52.6
03-Jun-96	4	Yes	Upland	Sevenmile Canal	1	110.1	116	31.1
01-Jul-96	4	Yes	Upland	Sevenmile Canal	1	56.4	146	20.2
15-Jul-96	4	Yes	Upland	Sevenmile Canal	1	163.2	373	148.9
29-Jul-96	4	Yes	Upland	Sevenmile Canal	1			
28-Aug-96	4	Yes	Upland	Sevenmile Canal	1	86.1	205	43.2
09-Oct-96	4	Yes	Upland	Sevenmile Canal	1	82.8	118	23.9
06-Nov-96	4	Yes	Upland	Sevenmile Canal	1	164.9	71	28.6
25-Nov-96	4	Yes	Upland	Sevenmile Canal	1	218.7	119	63.7
13-Dec-96	4	Yes	Upland	Sevenmile Canal	1		173	
08-Jan-97	4	Yes	Upland	Sevenmile Canal	1		84	
27-Jan-97	4	Yes	Upland	Sevenmile Canal	1	289.0	102	72.1
19-Feb-97	4	Yes	Upland	Sevenmile Canal	1	173.0	94	39.8
02-Apr-97	4	Yes	Upland	Sevenmile Canal	1	85.7	82	17.2
07-May-97	4	Yes	Upland	Sevenmile Canal	1	168.9	97	40.1
14-May-97	4	Yes	Upland	Sevenmile Canal	1	241.9	98	58.0
13-Jan-98	4	Yes	Upland	Sevenmile Canal	1	257.9	96	60.6
02-Feb-98	4	Yes	Upland	Sevenmile Canal	1		105	
26-Feb-98	4	Yes	Upland	Sevenmile Canal	1		95	
24-Mar-98	4	Yes	Upland	Sevenmile Canal	1			
07-Apr-98	4	Yes	Upland	Sevenmile Canal	1	194.5	128	60.9
21-Apr-98	4	Yes	Upland	Sevenmile Canal	1	75.9	135	25.1
09-Jun-98	4	Yes	Upland	Sevenmile Canal	1	171.1	142	59.4
23-Jun-98	4	Yes	Upland	Sevenmile Canal	1			
09-Jul-98	4	Yes	Upland	Sevenmile Canal	1			

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Aug-98	4	Yes	Upland	Sevenmile Canal	1	80.0	193	37.8
16-Sep-98	4	Yes	Upland	Sevenmile Canal	1			
30-Sep-98	4	Yes	Upland	Sevenmile Canal	1		92	
04-Nov-98	95	Yes	Upland	Sevenmile Canal @ Agency	3		90	
30-Dec-98	95	Yes	Upland	Sevenmile Canal @ Agency	3		90	
6-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		830	
6-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		910	
9-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		710	
9-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		730	
13-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		830	
9-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		810	
13-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		860	
13-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		850	
20-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		1050	
20-Apr-99	97	Yes	Upland	Sevenmile Canal Drain	3		1000	
8/25/99 1600	116	Yes	Upland	Sevenmile Creek	7		77	
30-Sep-98	73	Yes	Upland	Sevenmile Creek @ Ranger Station	3		50	
30-Sep-98	74	Yes	Upland	Sevenmile Creek @ Sevenmile Rd.	3		60	
30-Dec-98	74	Yes	Upland	Sevenmile Creek @ Sevenmile Rd.	3		80	
11-May-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	28.6	33	2.3
28-May-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	30.8	76	5.7
12-Jun-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	28.9		
01-Jul-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	32.4	73	5.8
17-Jul-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	26.7	82	5.4
06-Aug-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	19.9	80	3.9
27-Aug-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	25.1	79	4.9
17-Oct-91	56	Yes	Upland	Sevenmile downstream Private Pasture	2	41.0	84	8.4
17-Mar-92	56	Yes	Upland	Sevenmile downstream Private Pasture	2	67.5	80	13.2
15-Apr-92	56	Yes	Upland	Sevenmile downstream Private Pasture	2	67.5	80	13.2
10/4/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		80	
10/4/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		80	
10/6/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		80	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
10/6/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		80	
10/8/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		70	
10/8/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		70	
10/19/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		70	
10/19/1999	98	No	Upland	Sevenmile Levee (gate valve #1)	3		70	
3/15/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		200	
3/15/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		160	
3/20/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		170	
3/20/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		170	
3/23/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		210	
3/23/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		210	
3/28/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		290	
3/28/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		280	
3/31/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		220	
3/31/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		210	
9/15/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		220	
9/15/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		230	
9/26/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		90	
9/26/2000	98	No	Upland	Sevenmile Levee (gate valve #1)	3		100	
10/4/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		120	
10/4/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		120	
10/6/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		70	
10/6/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		70	
10/8/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		90	
10/8/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		100	
10/19/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		70	
10/19/1999	99	No	Upland	Sevenmile Levee (gate valve #2)	3		60	
3/15/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		150	
3/15/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		140	
3/20/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		180	
3/20/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		160	
3/23/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		210	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
3/23/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		210	
3/28/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		260	
3/28/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		260	
3/31/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		280	
3/31/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		260	
9/15/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		250	
9/15/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		260	
9/26/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		90	
9/26/2000	99	No	Upland	Sevenmile Levee (gate valve #2)	3		80	
10/4/1999	100	No	Upland	Sevenmile Levee (gate valve #3)	3		130	
10/4/1999	100	No	Upland	Sevenmile Levee (gate valve #3)	3		140	
4/6/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		260	
4/6/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		220	
4/9/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		210	
4/9/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		220	
4/13/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		210	
4/13/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		210	
4/16/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		190	
4/16/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		180	
4/20/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		200	
4/20/1999	101	No	Upland	Sevenmile Levee (gate valve #4)	3		190	
8/24/99 1340	117	Yes	Upland	SF Sprague R at picnic area	7		48	
8/23/99 1210	118	Yes	Upland	SF Sprague River u/s Corral Creek	7		110	
15-Mar-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		392	
18-Mar-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		355	
22-Mar-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		483	
29-Mar-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		394	
05-Apr-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		541	
12-Apr-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		636	
19-Apr-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		378	
18-May-93	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		486	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
10-Mar-94	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		141	
23-Mar-94	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		197	
19-Apr-94	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		322	
06-Feb-95	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		220	
27-Feb-95	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		353	
19-Apr-95	34	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		159	
25-Nov-91	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		49	
07-Jan-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		52	
31-Jan-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		68	
10-Feb-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
03-Mar-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		79	
26-Mar-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		61	
02-Apr-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		73	
07-Apr-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		78	
16-Apr-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		76	
22-Apr-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		85	
27-Apr-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		99	
07-May-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		115	
12-May-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		131	
27-May-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		163	
09-Jun-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		133	
25-Jun-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		135	
06-Jul-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		93	
29-Sep-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		69	
21-Oct-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1			
23-Nov-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		53	
09-Dec-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		57	
22-Dec-92	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		73	
05-Jan-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		60	
22-Jan-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		58	
02-Feb-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
10-Feb-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		47	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
19-Feb-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		96	
25-Feb-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		94	
12-Mar-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		179	
18-Mar-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		229	
22-Mar-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		147	
29-Mar-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		105	
06-Apr-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		116	
12-Apr-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		103	
19-Apr-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		88	
26-Apr-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		97	
04-May-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		103	
13-May-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
18-May-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		88	
26-May-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		76	
10-Jun-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		48	
23-Jun-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		63	
08-Jul-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		59	
19-Jul-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		53	
05-Aug-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		48	
17-Aug-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		37	
31-Aug-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		43	
15-Sep-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		35	
28-Sep-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		32	
14-Oct-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		43	
21-Oct-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		43	
02-Nov-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		38	
30-Nov-93	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
24-Jan-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		121	
09-Feb-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		55	
28-Feb-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		71	
09-Mar-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		80	
15-Mar-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		82	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
23-Mar-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
29-Mar-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		73	
04-Apr-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		76	
13-Apr-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		67	
19-Apr-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		79	
26-Apr-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		60	
11-May-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		70	
31-May-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
14-Jun-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		52	
29-Jun-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		60	
12-Jul-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		69	
27-Jul-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		76	
08-Aug-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		98	
24-Aug-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		63	
06-Sep-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		51	
19-Sep-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		42	
04-Oct-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		56	
17-Oct-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		47	
01-Nov-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		41	
16-Nov-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		36	
28-Nov-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		49	
12-Dec-94	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		50	
04-Jan-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		57	
13-Jan-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		176	
17-Jan-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		247	
01-Feb-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		190	
14-Feb-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		88	
27-Feb-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		98	
14-Mar-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		117	
27-Mar-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		73	
11-Apr-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		111	
24-Apr-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		60	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
09-May-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		43	
23-May-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		47	
06-Jun-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		52	
21-Jun-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		42	
05-Jul-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		42	
19-Jul-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		47	
02-Aug-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		39	
16-Aug-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		22	
28-Aug-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		19	
12-Sep-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		27	
26-Sep-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		28	
10-Oct-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		37	
24-Oct-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		38	
07-Nov-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		46	
29-Nov-95	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		58	
03-Jan-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		175	
08-Feb-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		166	
13-Feb-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		117	
26-Feb-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		78	
03-Apr-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		56	
15-Apr-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		56	
08-May-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		54	
20-May-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		65	
03-Jun-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		61	
19-Jun-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		55	
01-Jul-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		48	
15-Jul-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		38	
29-Jul-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		36	
14-Aug-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		33	
29-Aug-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		42	
25-Sep-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		31	
10-Oct-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		41	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
07-Nov-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		29	
26-Nov-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		76	
13-Dec-96	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		114	
02-Jan-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		180	
08-Jan-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		117	
28-Jan-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		77	
18-Feb-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		75	
01-Apr-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		62	
07-May-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		56	
14-May-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		58	
11-Jun-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		56	
25-Jun-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		34	
08-Jul-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		31	
22-Jul-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		41	
03-Sep-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		39	
13-Oct-97	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		39	
13-Jan-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		79	
02-Feb-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		87	
26-Feb-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		72	
10-Mar-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		71	
24-Mar-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		96	
07-Apr-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		66	
21-Apr-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		68	
09-Jun-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		66	
23-Jun-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		67	
09-Jul-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		60	
21-Jul-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		38	
11-Aug-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		35	
26-Aug-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		33	
16-Sep-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		51	
30-Sep-98	35	Yes	Upland	Shady Pine Pump (discharging into the marsh)	1		36	
30-Sep-98	75	Yes	Upland	Short Creek	3		80	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
8/25/1999	119	Yes	Upland	Smith (dupe for Fivemile Creek)	7		56	
19-Jan-99	89	No	Upland	Smith Drain	3		180	
19-Jan-99	89	No	Upland	Smith Drain	3		160	
22-Jan-99	89	No	Upland	Smith Drain	3		140	
22-Jan-99	89	No	Upland	Smith Drain	3		170	
04-Feb-99	89	No	Upland	Smith Drain	3		160	
04-Feb-99	89	No	Upland	Smith Drain	3		160	
09-Feb-00	89	No	Upland	Smith Drain	3		170	
09-Feb-00	89	No	Upland	Smith Drain	3		170	
14-Feb-00	89	No	Upland	Smith Drain	3		160	
14-Feb-00	89	No	Upland	Smith Drain	3		160	
23-Feb-00	89	No	Upland	Smith Drain	3		180	
23-Feb-00	89	No	Upland	Smith Drain	3		180	
01-Mar-00	89	No	Upland	Smith Drain	3		200	
01-Mar-00	89	No	Upland	Smith Drain	3		150	
09-Mar-00	89	No	Upland	Smith Drain	3		160	
09-Mar-00	89	No	Upland	Smith Drain	3		160	
15-Mar-00	89	No	Upland	Smith Drain	3		180	
15-Mar-00	89	No	Upland	Smith Drain	3		190	
29-Nov-99	88	No	Upland	Smith Inlet	3		60	
29-Nov-99	88	No	Upland	Smith Inlet	3		60	
06-Dec-99	88	No	Upland	Smith Inlet	3		70	
20-Dec-99	88	No	Upland	Smith Inlet	3		70	
20-Dec-99	88	No	Upland	Smith Inlet	3		70	
27-Dec-99	88	No	Upland	Smith Inlet	3		60	
27-Dec-99	88	No	Upland	Smith Inlet	3		60	
03-Jan-00	88	No	Upland	Smith Inlet	3		60	
03-Jan-00	88	No	Upland	Smith Inlet	3		50	
19-Aug-99	141	Yes	Upland	Sprague R. @ Chiloquin Bridge U/S of mouth	11		80	
02-May-00	141	Yes	Upland	Sprague R. @ Chiloquin Bridge U/S of mouth	11		70	
17-Aug-99	142	Yes	Upland	Sprague R. @ Chiloquin Ridge Rd. power station	11		50	
18-Aug-99	142	Yes	Upland	Sprague R. @ Chiloquin Ridge Rd. power station	11		50	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
19-Aug-99	142	Yes	Upland	Sprague R. @ Chiloquin Ridge Rd. power station	11		70	
17-Aug-99	143	Yes	Upland	Sprague R. @ Godowa Springs Rd. bridge, N. of Beatty	11		80	
18-Aug-99	143	Yes	Upland	Sprague R. @ Godowa Springs Rd. bridge, N. of Beatty	11		100	
19-Aug-99	143	Yes	Upland	Sprague R. @ Godowa Springs Rd. bridge, N. of Beatty	11		90	
02-May-00	144	Yes	Upland	Sprague R. @ Hwy 140 Public Access Gage Station	11		80	
17-Aug-99	145	Yes	Upland	Sprague R. @ Hwy 858 Bridge	11		50	
18-Aug-99	145	Yes	Upland	Sprague R. @ Hwy 858 Bridge	11		60	
17-Aug-99	146	Yes	Upland	Sprague R. @ Klamath Co. Public Access off Drews Rd.	11		70	
18-Aug-99	146	Yes	Upland	Sprague R. @ Klamath Co. Public Access off Drews Rd.	11		90	
19-Aug-99	146	Yes	Upland	Sprague R. @ Klamath Co. Public Access off Drews Rd.	11		90	
18-Aug-99	151	Yes	Upland	Sprague R. @ Rabb property	11		80	
19-Aug-99	151	Yes	Upland	Sprague R. @ Rabb property	11		90	
17-Aug-99	147	Yes	Upland	Sprague R. @ Saddle Mtn. Pit Rd. (FS 5850)	11		60	
18-Aug-99	147	Yes	Upland	Sprague R. @ Saddle Mtn. Pit Rd. (FS 5850)	11		70	
19-Aug-99	147	Yes	Upland	Sprague R. @ Saddle Mtn. Pit Rd. (FS 5850)	11		90	
02-May-00	147	Yes	Upland	Sprague R. @ Saddle Mtn. Pit Rd. (FS 5850)	11		60	
17-Aug-99	148	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near River Crest Rd.	11		70	
18-Aug-99	148	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near River Crest Rd.	11		70	
19-Aug-99	148	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near River Crest Rd.	11		90	
17-Aug-99	149	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near Williamson Rd.	11		50	
18-Aug-99	149	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near Williamson Rd.	11		70	
19-Aug-99	149	Yes	Upland	Sprague R. @ Sprague R. Rd. bridge near Williamson Rd.	11		80	
19-Aug-99	152	Yes	Upland	Sprague R. Bridge 858-02	11		90	
17-Aug-99	150	Yes	Upland	Sprague R. near hwy 140, M.P. 45	11		80	
18-Aug-99	150	Yes	Upland	Sprague R. near hwy 140, M.P. 45	11		90	
19-Aug-99	150	Yes	Upland	Sprague R. near hwy 140, M.P. 45	11		80	
17-Aug-99	153	Yes	Upland	Sprague R. upstream Chiloquin	11		50	
18-Aug-99	153	Yes	Upland	Sprague R. upstream Chiloquin	11		50	
01-Aug-92	72	Yes	Upland	Spring Creek	4		80	
23-Jul-92	72	Yes	Upland	Spring Creek	4		80	
12-Nov-92	72	Yes	Upland	Spring Creek	4		80	
21-Apr-93	72	Yes	Upland	Spring Creek	4		70	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-May-93	72	Yes	Upland	Spring Creek	4		80	
14-Jul-93	72	Yes	Upland	Spring Creek	4		90	
22-Sep-93	72	Yes	Upland	Spring Creek	4		90	
30-Sep-98	69	Yes	Upland	Spring Creek Springs	3		80	
03-Sep-99	69	Yes	Upland	Spring Creek Springs	3		90	
03-Sep-99	69	Yes	Upland	Spring Creek Springs	3		90	
07-Oct-91	36	Yes	Upland	Sucker Springs	1		59	
25-Nov-91	36	Yes	Upland	Sucker Springs	1		50	
09-Jan-92	36	Yes	Upland	Sucker Springs	1		55	
29-Jan-92	36	Yes	Upland	Sucker Springs	1		59	
26-Mar-92	36	Yes	Upland	Sucker Springs	1		55	
28-Apr-92	36	Yes	Upland	Sucker Springs	1		62	
11-May-91	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	13.1	26	0.8
28-May-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	20.4	26	1.3
12-Jun-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	25.4	25	1.6
1-Jul-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	15.3	40	1.5
17-Jul-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	10.7	42	1.1
6-Aug-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	12.9	46	1.5
27-Aug-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	11.9	43	1.3
12-Sep-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	12.3	38	1.1
17-Oct-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	10.2	49	1.2
17-Mar-92	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	9.2	40	0.9
15-Apr-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	15.7	50	1.9
19-May-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	15.5	63	2.4
16-Jun-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	10.5	10	0.3
14-Jul-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	11.6	70	2.0
11-Aug-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	10.2	50	1.2
9-Sep-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	11.1	40	1.1
11-Oct-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	8.9	40	0.9
2-Nov-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	23.7	20	1.2
22-Apr-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	8.1	10	0.2
20-May-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	38.8	20	1.9

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
18-Jun-02	51	Yes	Upland	Sun Creek at Crater L. NPS bndry	2	41.4	40	4.1
11-May-91	52	Yes	Upland	Sun Creek private/ODF bndry	2	5.2	23	0.3
28-May-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	8.9	14	0.3
12-Jun-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	15.8	27	1.0
1-Jul-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	8.9	38	0.8
17-Jul-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	6.6	45	0.7
6-Aug-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	4.9	44	0.5
27-Aug-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	4.1	47	0.5
12-Sep-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	1.7	26	0.1
17-Oct-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	1.6	42	0.2
17-Mar-92	52	Yes	Upland	Sun Creek private/ODF bndry	2	6.1	40	0.6
15-Apr-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	7.5	40	0.7
19-May-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	7.0	65	1.1
16-Jun-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	3.8	60	0.6
14-Jul-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	2.8	70	0.5
11-Aug-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	2.2	50	0.3
9-Sep-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	0.2	40	0.0
11-Oct-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	1.3	40	0.1
2-Nov-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	8.2	90	1.8
27-Jan-93	52	Yes	Upland	Sun Creek private/ODF bndry	2	0.0	0	0.0
22-Apr-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	9.1	10	0.2
20-May-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	16.6	40	1.6
18-Jun-02	52	Yes	Upland	Sun Creek private/ODF bndry	2	18.1	40	1.8
11-May-91	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.7		
28-May-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.6	44	0.2
12-Jun-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.1	17	0.0
1-Jul-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	3.4	67	0.6
17-Jul-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	3.4	69	0.6
6-Aug-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.9	15	0.0
27-Aug-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.7	82	0.1
12-Sep-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.0	104	0.3
17-Oct-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.6	52	0.2

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
17-Mar-92	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.4	40	0.0
1-Apr-95	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.6	70	0.3
19-May-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.2	860	0.5
16-Jun-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.7	150	0.3
14-Jul-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.5	100	0.1
11-Aug-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.2	80	0.0
9-Sep-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.6	60	0.2
11-Oct-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	2.3	50	0.3
3-Nov-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	8.1	100	2.0
27-Jan-93	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	0.7	70	0.1
22-Apr-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	11.7	40	1.1
20-May-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	4.4	70	0.7
18-Jun-02	53	Yes	Upland	Sun Creek upstream Annie Cr.	2	1.5	90	0.3
17-Aug-99	154	Yes	Upland	Sycan R. @ Drews Rd.	11		60	
18-Aug-99	154	Yes	Upland	Sycan R. @ Drews Rd.	11		80	
19-Aug-99	154	Yes	Upland	Sycan R. @ Drews Rd.	11		70	
02-May-00	154	Yes	Upland	Sycan R. @ Drews Rd.	11		50	
8/23/99 1425	120	Yes	Upland	Sycan River above Sycan Marsh	7		18	
8/23/99 1326	121	Yes	Upland	Sycan River below Sycan Marsh	7		45	
03-Dec-92	37	Yes	Upland	Tecumseh Springs	1	7.9	74	1.4
04-Jan-93	37	Yes	Upland	Tecumseh Springs	1	2.0	87	0.4
22-Jan-93	37	Yes	Upland	Tecumseh Springs	1	2.7	87	0.6
07-Jan-92	1	Yes	Upland	Threemile Creek	1	0.4	19	0.0
30-Jan-92	1	Yes	Upland	Threemile Creek	1		25	
26-Mar-92	1	Yes	Upland	Threemile Creek	1		25	
27-Apr-92	1	Yes	Upland	Threemile Creek	1		23	
8/25/99 1520	122	Yes	Upland	Threemile Creek	7		31	
30-Sep-98	64	Yes	Upland	Threemile Creek Springs	3		20	
31-Mar-93	38	Yes	Upland	Tulana Pump	1		132	
14-Apr-93	38	Yes	Upland	Tulana Pump	1		300	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
05-May-93	38	Yes	Upland	Tulana Pump	1		189	
06-Apr-93	39	Yes	Upland	Tulana Ranch Pump	1		205	
29-Apr-93	39	Yes	Upland	Tulana Ranch Pump	1		382	
06-May-93	39	Yes	Upland	Tulana Ranch Pump	1		513	
17-Aug-93	39	Yes	Upland	Tulana Ranch Pump	1		494	
15-Mar-94	39	Yes	Upland	Tulana Ranch Pump	1		235	
23-Mar-94	39	Yes	Upland	Tulana Ranch Pump	1		383	
29-Mar-94	39	Yes	Upland	Tulana Ranch Pump	1		490	
05-Apr-94	39	Yes	Upland	Tulana Ranch Pump	1		752	
13-Apr-94	39	Yes	Upland	Tulana Ranch Pump	1		639	
19-Apr-94	39	Yes	Upland	Tulana Ranch Pump	1		721	
28-Feb-95	39	Yes	Upland	Tulana Ranch Pump	1		305	
06-Mar-95	39	Yes	Upland	Tulana Ranch Pump	1		142	
16-Mar-95	39	Yes	Upland	Tulana Ranch Pump	1		171	
28-Mar-95	39	Yes	Upland	Tulana Ranch Pump	1		249	
11-Apr-95	39	Yes	Upland	Tulana Ranch Pump	1		274	
14-Apr-95	39	Yes	Upland	Tulana Ranch Pump	1		455	
19-Apr-95	39	Yes	Upland	Tulana Ranch Pump	1		810	
08-May-95	39	Yes	Upland	Tulana Ranch Pump	1		73	
23-May-95	39	Yes	Upland	Tulana Ranch Pump	1		77	
06-Jun-95	39	Yes	Upland	Tulana Ranch Pump	1		261	
21-Jun-95	39	Yes	Upland	Tulana Ranch Pump	1		176	
05-Jul-95	39	Yes	Upland	Tulana Ranch Pump	1		446	
19-Jul-95	39	Yes	Upland	Tulana Ranch Pump	1		605	
01-Apr-97	39	Yes	Upland	Tulana Ranch Pump	1		80	
07-May-97	39	Yes	Upland	Tulana Ranch Pump	1		81	
14-May-97	39	Yes	Upland	Tulana Ranch Pump	1		77	
28-Apr-92	40	Yes	Upland	Varney Creek	1		21	
07-Oct-91	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		117	
25-Nov-91	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
07-Jan-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
29-Jan-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		96	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
10-Feb-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
03-Mar-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		98	
26-Mar-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		89	
02-Apr-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		99	
07-Apr-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		99	
16-Apr-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		101	
22-Apr-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		96	
27-Apr-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		107	
07-May-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		145	
12-May-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		123	
27-May-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		124	
09-Jun-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		116	
25-Jun-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		118	
06-Jul-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		177	
29-Sep-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		99	
21-Oct-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1			
23-Nov-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		88	
09-Dec-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		84	
22-Dec-92	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
05-Jan-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		89	
02-Feb-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		72	
10-Feb-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		71	
19-Feb-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		104	
25-Feb-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		106	
12-Mar-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		144	
18-Mar-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		183	
22-Mar-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		165	
30-Mar-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		117	
06-Apr-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		112	
13-Apr-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		102	
19-Apr-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		94	
26-Apr-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		95	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
04-May-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		101	
10-May-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		78	
18-May-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		85	
26-May-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		90	
10-Jun-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		48	
23-Jun-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		82	
08-Jul-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		84	
19-Jul-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		86	
05-Aug-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		83	
17-Aug-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		82	
31-Aug-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		83	
15-Sep-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		81	
28-Sep-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
14-Oct-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		61	
21-Oct-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
02-Nov-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
30-Nov-93	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		84	
24-Jan-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		148	
09-Feb-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
28-Feb-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		84	
09-Mar-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		86	
15-Mar-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		97	
23-Mar-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		81	
29-Mar-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		93	
04-Apr-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		93	
13-Apr-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		87	
19-Apr-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		93	
26-Apr-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		72	
11-May-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		94	
31-May-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		82	
14-Jun-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
29-Jun-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		79	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Jul-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
27-Jul-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
08-Aug-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		130	
23-Aug-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		84	
06-Sep-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		70	
19-Sep-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
04-Oct-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		85	
17-Oct-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		70	
01-Nov-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		61	
14-Nov-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		64	
28-Nov-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
30-Nov-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
12-Dec-94	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
04-Jan-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
13-Jan-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		145	
17-Jan-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		240	
31-Jan-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		124	
14-Feb-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		89	
27-Feb-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		103	
15-Mar-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		121	
27-Mar-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		92	
11-Apr-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		119	
24-Apr-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		69	
08-May-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		54	
23-May-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		57	
06-Jun-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		69	
21-Jun-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		55	
05-Jul-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		71	
19-Jul-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		82	
02-Aug-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		69	
16-Aug-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		62	
28-Aug-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		63	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Sep-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
26-Sep-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
10-Oct-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		65	
24-Oct-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		68	
07-Nov-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		90	
29-Nov-95	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
03-Jan-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		134	
08-Feb-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		175	
13-Feb-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		149	
28-Feb-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		86	
03-Apr-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		78	
15-Apr-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
08-May-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
20-May-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
03-Jun-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		88	
19-Jun-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		99	
01-Jul-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		287	
15-Jul-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
29-Jul-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		75	
14-Aug-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		81	
29-Aug-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
25-Sep-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		72	
10-Oct-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		80	
07-Nov-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		53	
26-Nov-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		78	
13-Dec-96	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		140	
02-Jan-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		168	
08-Jan-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		94	
28-Jan-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		78	
18-Feb-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		72	
01-Apr-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		75	
07-May-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
14-May-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		72	
11-Jun-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
25-Jun-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
08-Jul-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		76	
22-Jul-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		86	
03-Sep-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		91	
13-Oct-97	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		64	
13-Jan-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		82	
02-Feb-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		201	
26-Feb-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		67	
10-Mar-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		86	
24-Mar-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		91	
07-Apr-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
21-Apr-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		87	
09-Jun-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		77	
23-Jun-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		78	
09-Jul-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		79	
21-Jul-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		81	
11-Aug-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		83	
26-Aug-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		73	
16-Sep-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		83	
30-Sep-98	46	Yes	Upland	Williamsom River at Modoc Pt. Rd.	1		74	
17-Aug-99	155	Yes	Upland	Williamson R. @ Military Crossing Rd.	11		70	
18-Aug-99	155	Yes	Upland	Williamson R. @ Military Crossing Rd.	11		70	
19-Aug-99	155	Yes	Upland	Williamson R. @ Military Crossing Rd.	11		100	
17-Aug-99	156	Yes	Upland	Williamson R. @ Public Access D/S of Sprague R.	11		100	
18-Aug-99	156	Yes	Upland	Williamson R. @ Public Access D/S of Sprague R.	11		90	
19-Aug-99	156	Yes	Upland	Williamson R. @ Public Access D/S of Sprague R.	11		110	
19-Aug-99	157	Yes	Upland	Williamson R. @ Silver Lake Rd. near Wildlife Refuge entranc	11		100	
18-Aug-99	157	Yes	Upland	Williamson R. @ Silver Leke Rd. near Wildlife Refuge entranc	11		70	
17-Aug-99	158	Yes	Upland	Williamson R. @ USGS Kirk station	11		90	
18-Aug-99	158	Yes	Upland	Williamson R. @ USGS Kirk station	11		90	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
19-Aug-99	158	Yes	Upland	Williamson R. @ USGS Kirk station	11		120	
02-May-00	158	Yes	Upland	Williamson R. @ USGS Kirk station	11		70	
17-Aug-99	159	Yes	Upland	Williamson R. @ Williamson C.G. off Hwy 97	11		90	
18-Aug-99	159	Yes	Upland	Williamson R. @ Williamson C.G. off Hwy 97	11		90	
19-Aug-99	159	Yes	Upland	Williamson R. @ Williamson C.G. off Hwy 97	11		120	
30-Sep-98	79	Yes	Upland	Williamson River @ Hwy. 97	3		60	
04-Nov-98	80	Yes	Upland	Williamson River @ UKL	3		60	
8/23/99 1100	123	Yes	Upland	Williamson River 49 Road x-ing	7		61	
30-Sep-98	78	Yes	Upland	Williamson River above Spring Creek	3		80	
02-May-00	175	Yes	Upland	Williamson R at Store	11		80	
8/23/1999	124	Yes	Upland	Williamson River head of river springs	7		55	
23-Dec-98	85	Yes	Upland	Wocus Drain	3		180	
23-Dec-98	85	Yes	Upland	Wocus Drain	3		200	
06-Jan-99	85	Yes	Upland	Wocus Drain	3		180	
06-Jan-99	85	Yes	Upland	Wocus Drain	3		170	
13-Jan-99	85	Yes	Upland	Wocus Drain	3		120	
13-Jan-99	85	Yes	Upland	Wocus Drain	3		120	
19-Jan-99	85	Yes	Upland	Wocus Drain	3		160	
22-Jan-99	85	Yes	Upland	Wocus Drain	3		130	
22-Jan-99	85	Yes	Upland	Wocus Drain	3		130	
04-Feb-99	85	Yes	Upland	Wocus Drain	3		140	
04-Feb-99	85	Yes	Upland	Wocus Drain	3		280	
12-Feb-99	85	Yes	Upland	Wocus Drain	3		210	
19-Feb-99	85	Yes	Upland	Wocus Drain	3		180	
26-Feb-99	85	Yes	Upland	Wocus Drain	3		180	
05-Mar-99	85	Yes	Upland	Wocus Drain	3		170	
02-Apr-99	85	Yes	Upland	Wocus Drain	3		190	
02-Apr-99	85	Yes	Upland	Wocus Drain	3		180	
13-Apr-99	85	Yes	Upland	Wocus Drain	3		250	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
20-Apr-99	85	Yes	Upland	Wocus Drain	3		280	
03-Jan-00	85	Yes	Upland	Wocus Drain	3		220	
03-Jan-00	85	Yes	Upland	Wocus Drain	3		210	
10-Jan-00	85	Yes	Upland	Wocus Drain	3		150	
10-Jan-00	85	Yes	Upland	Wocus Drain	3		160	
19-Jan-00	85	Yes	Upland	Wocus Drain	3		120	
19-Jan-00	85	Yes	Upland	Wocus Drain	3		130	
24-Jan-00	85	Yes	Upland	Wocus Drain	3		150	
24-Jan-00	85	Yes	Upland	Wocus Drain	3		140	
31-Jan-00	85	Yes	Upland	Wocus Drain	3		190	
31-Jan-00	85	Yes	Upland	Wocus Drain	3		190	
09-Feb-00	85	Yes	Upland	Wocus Drain	3		260	
09-Feb-00	85	Yes	Upland	Wocus Drain	3		260	
14-Feb-00	85	Yes	Upland	Wocus Drain	3		220	
14-Feb-00	85	Yes	Upland	Wocus Drain	3		210	
23-Feb-00	85	Yes	Upland	Wocus Drain	3		190	
23-Feb-00	85	Yes	Upland	Wocus Drain	3		190	
01-Mar-00	85	Yes	Upland	Wocus Drain	3		140	
01-Mar-00	85	Yes	Upland	Wocus Drain	3		120	
09-Mar-00	85	Yes	Upland	Wocus Drain	3		120	
09-Mar-00	85	Yes	Upland	Wocus Drain	3		120	
15-Mar-00	85	Yes	Upland	Wocus Drain	3		120	
15-Mar-00	85	Yes	Upland	Wocus Drain	3		120	
19-Apr-95	33	Yes	Upland	Wocus,Caledonia Canal South Pump	1		124	
04-Nov-98	94	Yes	Upland	Wood River @ Agency Bridge	3		90	
30-Dec-98	94	Yes	Upland	Wood River @ Agency Bridge	3		90	
30-Sep-98	77	Yes	Upland	Wood River @ Loosley Rd. Bridge	3		110	
30-Dec-98	77	Yes	Upland	Wood River @ Loosley Rd. Bridge	3		110	
25-Nov-91	41	Yes	Upland	Wood River at Dike Rd.	1		100	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
07-Jan-92	41	Yes	Upland	Wood River at Dike Rd.	1		96	
29-Jan-92	41	Yes	Upland	Wood River at Dike Rd.	1		128	
10-Feb-92	41	Yes	Upland	Wood River at Dike Rd.	1		95	
03-Mar-92	41	Yes	Upland	Wood River at Dike Rd.	1		144	
24-Mar-92	41	Yes	Upland	Wood River at Dike Rd.	1		95	
02-Apr-92	41	Yes	Upland	Wood River at Dike Rd.	1		102	
07-Apr-92	41	Yes	Upland	Wood River at Dike Rd.	1		122	
16-Apr-92	41	Yes	Upland	Wood River at Dike Rd.	1		114	
22-Apr-92	41	Yes	Upland	Wood River at Dike Rd.	1		119	
27-Apr-92	41	Yes	Upland	Wood River at Dike Rd.	1		120	
07-May-92	41	Yes	Upland	Wood River at Dike Rd.	1		200	
13-May-92	41	Yes	Upland	Wood River at Dike Rd.	1		74	
27-May-92	41	Yes	Upland	Wood River at Dike Rd.	1		166	
09-Jun-92	41	Yes	Upland	Wood River at Dike Rd.	1		164	
29-Sep-92	41	Yes	Upland	Wood River at Dike Rd.	1		113	
21-Oct-92	41	Yes	Upland	Wood River at Dike Rd.	1			
23-Nov-92	41	Yes	Upland	Wood River at Dike Rd.	1		143	
09-Dec-92	41	Yes	Upland	Wood River at Dike Rd.	1		90	
22-Dec-92	41	Yes	Upland	Wood River at Dike Rd.	1		89	
04-Jan-93	41	Yes	Upland	Wood River at Dike Rd.	1		135	
21-Jan-93	41	Yes	Upland	Wood River at Dike Rd.	1		68	
22-Jan-93	41	Yes	Upland	Wood River at Dike Rd.	1		106	
25-Jan-93	41	Yes	Upland	Wood River at Dike Rd.	1		90	
01-Feb-93	41	Yes	Upland	Wood River at Dike Rd.	1		113	
02-Feb-93	41	Yes	Upland	Wood River at Dike Rd.	1		79	
10-Feb-93	41	Yes	Upland	Wood River at Dike Rd.	1		161	
26-Feb-93	41	Yes	Upland	Wood River at Dike Rd.	1		150	
04-Mar-93	41	Yes	Upland	Wood River at Dike Rd.	1	288.9	131	92.6
11-Mar-93	41	Yes	Upland	Wood River at Dike Rd.	1	340.9	165	137.6
17-Mar-93	41	Yes	Upland	Wood River at Dike Rd.	1	471.0	174	200.5
26-Mar-93	41	Yes	Upland	Wood River at Dike Rd.	1	485.7	199	236.5
30-Mar-93	41	Yes	Upland	Wood River at Dike Rd.	1	595.2	258	375.7

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
09-Apr-93	41	Yes	Upland	Wood River at Dike Rd.	1	554.7	171	232.1
14-Apr-93	41	Yes	Upland	Wood River at Dike Rd.	1	465.9	264	300.9
20-Apr-93	41	Yes	Upland	Wood River at Dike Rd.	1		221	
29-Apr-93	41	Yes	Upland	Wood River at Dike Rd.	1	531.1	241	313.1
06-May-93	41	Yes	Upland	Wood River at Dike Rd.	1	381.8	363	339.1
12-May-93	41	Yes	Upland	Wood River at Dike Rd.	1	375.2	319	292.8
18-May-93	41	Yes	Upland	Wood River at Dike Rd.	1		188	
26-May-93	41	Yes	Upland	Wood River at Dike Rd.	1	444.7	193	210.0
23-Jun-93	41	Yes	Upland	Wood River at Dike Rd.	1	226.0	145	80.2
07-Jul-93	41	Yes	Upland	Wood River at Dike Rd.	1	172.5	171	72.2
20-Jul-93	41	Yes	Upland	Wood River at Dike Rd.	1	181.3	131	58.1
05-Aug-93	41	Yes	Upland	Wood River at Dike Rd.	1	126.3	144	44.5
17-Aug-93	41	Yes	Upland	Wood River at Dike Rd.	1	207.8	97	49.3
31-Aug-93	41	Yes	Upland	Wood River at Dike Rd.	1	155.3	118	44.8
15-Sep-93	41	Yes	Upland	Wood River at Dike Rd.	1		92	
28-Sep-93	41	Yes	Upland	Wood River at Dike Rd.	1		85	
12-Oct-93	41	Yes	Upland	Wood River at Dike Rd.	1	355.6	87	75.7
20-Oct-93	41	Yes	Upland	Wood River at Dike Rd.	1	289.9	90	63.8
02-Nov-93	41	Yes	Upland	Wood River at Dike Rd.	1	321.4	82	64.5
02-Dec-93	41	Yes	Upland	Wood River at Dike Rd.	1		116	
26-Jan-94	41	Yes	Upland	Wood River at Dike Rd.	1	325.6	157	125.1
11-Feb-94	41	Yes	Upland	Wood River at Dike Rd.	1	280.7	83	57.0
28-Feb-94	41	Yes	Upland	Wood River at Dike Rd.	1	377.0	105	96.8
09-Mar-94	41	Yes	Upland	Wood River at Dike Rd.	1	316.9	91	70.6
15-Mar-94	41	Yes	Upland	Wood River at Dike Rd.	1	209.7	96	49.0
23-Mar-94	41	Yes	Upland	Wood River at Dike Rd.	1	224.2	97	53.2
29-Mar-94	41	Yes	Upland	Wood River at Dike Rd.	1		141	
05-Apr-94	41	Yes	Upland	Wood River at Dike Rd.	1	426.4	194	202.4
13-Apr-94	41	Yes	Upland	Wood River at Dike Rd.	1		181	
19-Apr-94	41	Yes	Upland	Wood River at Dike Rd.	1	266.6	125	81.5
26-Apr-94	41	Yes	Upland	Wood River at Dike Rd.	1		91	
12-May-94	41	Yes	Upland	Wood River at Dike Rd.	1	18.4	133	6.0



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
31-May-94	41	Yes	Upland	Wood River at Dike Rd.	1	39.8	112	10.9
14-Jun-94	41	Yes	Upland	Wood River at Dike Rd.	1	150.5	129	47.5
29-Jun-94	41	Yes	Upland	Wood River at Dike Rd.	1	117.4	106	30.4
12-Jul-94	41	Yes	Upland	Wood River at Dike Rd.	1	60.7	140	20.7
27-Jul-94	41	Yes	Upland	Wood River at Dike Rd.	1	97.9	104	24.9
10-Aug-94	41	Yes	Upland	Wood River at Dike Rd.	1	112.3	122	33.5
23-Aug-94	41	Yes	Upland	Wood River at Dike Rd.	1	118.8	120	34.7
07-Sep-94	41	Yes	Upland	Wood River at Dike Rd.	1	106.1	107	27.6
20-Sep-94	41	Yes	Upland	Wood River at Dike Rd.	1	106.1	113	29.3
04-Oct-94	41	Yes	Upland	Wood River at Dike Rd.	1	253.2	119	73.7
17-Oct-94	41	Yes	Upland	Wood River at Dike Rd.	1	265.9	97	63.1
01-Nov-94	41	Yes	Upland	Wood River at Dike Rd.	1		83	
14-Nov-94	41	Yes	Upland	Wood River at Dike Rd.	1	290.5	78	55.4
30-Nov-94	41	Yes	Upland	Wood River at Dike Rd.	1	375.1	99	90.9
12-Dec-94	41	Yes	Upland	Wood River at Dike Rd.	1		99	
19-Dec-94	41	Yes	Upland	Wood River at Dike Rd.	1	378.2		
04-Jan-95	41	Yes	Upland	Wood River at Dike Rd.	1	295.0	99	71.5
13-Jan-95	41	Yes	Upland	Wood River at Dike Rd.	1		162	
18-Jan-95	41	Yes	Upland	Wood River at Dike Rd.	1	298.0	145	105.4
31-Jan-95	41	Yes	Upland	Wood River at Dike Rd.	1	532.5	135	175.9
14-Feb-95	41	Yes	Upland	Wood River at Dike Rd.	1	237.6	118	68.3
28-Feb-95	41	Yes	Upland	Wood River at Dike Rd.	1	60.1	108	15.8
15-Mar-95	41	Yes	Upland	Wood River at Dike Rd.	1	400.7	98	96.1
28-Mar-95	41	Yes	Upland	Wood River at Dike Rd.	1	348.0	123	104.7
11-Apr-95	41	Yes	Upland	Wood River at Dike Rd.	1	348.4	103	87.8
25-Apr-95	41	Yes	Upland	Wood River at Dike Rd.	1	311.3	120	91.4
08-May-95	41	Yes	Upland	Wood River at Dike Rd.	1	260.0	101	64.2
23-May-95	41	Yes	Upland	Wood River at Dike Rd.	1	261.2	171	109.3
06-Jun-95	41	Yes	Upland	Wood River at Dike Rd.	1	369.2	413	372.6
21-Jun-95	41	Yes	Upland	Wood River at Dike Rd.	1	216.0	210	110.7
05-Jul-95	41	Yes	Upland	Wood River at Dike Rd.	1	246.4	446	268.9
19-Jul-95	41	Yes	Upland	Wood River at Dike Rd.	1	91.1	127	28.2

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
02-Aug-95	41	Yes	Upland	Wood River at Dike Rd.	1	118.6	108	31.3
16-Aug-95	41	Yes	Upland	Wood River at Dike Rd.	1	122.7	96	28.8
29-Aug-95	41	Yes	Upland	Wood River at Dike Rd.	1	139.4	114	38.7
12-Sep-95	41	Yes	Upland	Wood River at Dike Rd.	1	186.8	103	47.1
26-Sep-95	41	Yes	Upland	Wood River at Dike Rd.	1	264.9	91	58.7
10-Oct-95	41	Yes	Upland	Wood River at Dike Rd.	1	337.0	84	69.3
24-Oct-95	41	Yes	Upland	Wood River at Dike Rd.	1	339.0	78	64.7
07-Nov-95	41	Yes	Upland	Wood River at Dike Rd.	1	363.4	82	72.9
29-Nov-95	41	Yes	Upland	Wood River at Dike Rd.	1	349.0	93	79.4
13-Dec-95	41	Yes	Upland	Wood River at Dike Rd.	1	707.4		
03-Jan-96	41	Yes	Upland	Wood River at Dike Rd.	1	373.9	117	107.0
08-Feb-96	41	Yes	Upland	Wood River at Dike Rd.	1		166	
13-Feb-96	41	Yes	Upland	Wood River at Dike Rd.	1	518.5	123	155.4
28-Feb-96	41	Yes	Upland	Wood River at Dike Rd.	1	376.8	106	97.7
03-Apr-96	41	Yes	Upland	Wood River at Dike Rd.	1		163	
15-Apr-96	41	Yes	Upland	Wood River at Dike Rd.	1		177	
08-May-96	41	Yes	Upland	Wood River at Dike Rd.	1	352.2	151	129.7
20-May-96	41	Yes	Upland	Wood River at Dike Rd.	1	548.8	124	165.8
03-Jun-96	41	Yes	Upland	Wood River at Dike Rd.	1	359.1	121	106.3
19-Jun-96	41	Yes	Upland	Wood River at Dike Rd.	1	387.8	107	101.5
01-Jul-96	41	Yes	Upland	Wood River at Dike Rd.	1	228.3	103	57.5
15-Jul-96	41	Yes	Upland	Wood River at Dike Rd.	1	205.4	100	50.2
29-Jul-96	41	Yes	Upland	Wood River at Dike Rd.	1	300.8	112	82.4
13-Aug-96	41	Yes	Upland	Wood River at Dike Rd.	1	273.1	107	71.5
28-Aug-96	41	Yes	Upland	Wood River at Dike Rd.	1	299.4	104	76.2
24-Sep-96	41	Yes	Upland	Wood River at Dike Rd.	1	455.2	87	96.9
09-Oct-96	41	Yes	Upland	Wood River at Dike Rd.	1	409.0	104	104.1
07-Nov-96	41	Yes	Upland	Wood River at Dike Rd.	1	475.2	84	97.7
25-Nov-96	41	Yes	Upland	Wood River at Dike Rd.	1	561.4	101	138.7
13-Dec-96	41	Yes	Upland	Wood River at Dike Rd.	1		242	
03-Jan-97	41	Yes	Upland	Wood River at Dike Rd.	1		90	
08-Jan-97	41	Yes	Upland	Wood River at Dike Rd.	1		111	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
28-Jan-97	41	Yes	Upland	Wood River at Dike Rd.	1	620.2	109	165.4
18-Feb-97	41	Yes	Upland	Wood River at Dike Rd.	1	313.0	133	101.8
01-Apr-97	41	Yes	Upland	Wood River at Dike Rd.	1	672.3	92	151.3
07-May-97	41	Yes	Upland	Wood River at Dike Rd.	1	387.0	103	97.5
14-May-97	41	Yes	Upland	Wood River at Dike Rd.	1	388.8	82	78.0
11-Jun-97	41	Yes	Upland	Wood River at Dike Rd.	1	404.2	91	90.0
26-Jun-97	41	Yes	Upland	Wood River at Dike Rd.	1	233.5	99	56.5
08-Jul-97	41	Yes	Upland	Wood River at Dike Rd.	1	418.7	88	90.2
22-Jul-97	41	Yes	Upland	Wood River at Dike Rd.	1	326.9	115	92.0
03-Sep-97	41	Yes	Upland	Wood River at Dike Rd.	1	398.9	100	97.6
13-Oct-97	41	Yes	Upland	Wood River at Dike Rd.	1	501.2	82	100.6
14-Jan-98	41	Yes	Upland	Wood River at Dike Rd.	1		93	
02-Feb-98	41	Yes	Upland	Wood River at Dike Rd.	1		110	
26-Feb-98	41	Yes	Upland	Wood River at Dike Rd.	1		94	
10-Mar-98	41	Yes	Upland	Wood River at Dike Rd.	1	466.8	104	118.8
24-Mar-98	41	Yes	Upland	Wood River at Dike Rd.	1		92	
07-Apr-98	41	Yes	Upland	Wood River at Dike Rd.	1	666.3	97	158.1
21-Apr-98	41	Yes	Upland	Wood River at Dike Rd.	1	519.1	107	135.9
09-Jun-98	41	Yes	Upland	Wood River at Dike Rd.	1	479.1	98	114.9
23-Jun-98	41	Yes	Upland	Wood River at Dike Rd.	1	316.9	101	78.3
09-Jul-98	41	Yes	Upland	Wood River at Dike Rd.	1	369.6	100	90.4
21-Jul-98	41	Yes	Upland	Wood River at Dike Rd.	1	291.6	115	82.1
11-Aug-98	41	Yes	Upland	Wood River at Dike Rd.	1	243.0	99	58.8
26-Aug-98	41	Yes	Upland	Wood River at Dike Rd.	1			
16-Sep-98	41	Yes	Upland	Wood River at Dike Rd.	1	439.6	112	120.5
30-Sep-98	41	Yes	Upland	Wood River at Dike Rd.	1		108	
10-Feb-93	43	Yes	Upland	Wood River at Weed Rd.	1		87	
25-Feb-93	43	Yes	Upland	Wood River at Weed Rd.	1		105	
05-Mar-93	43	Yes	Upland	Wood River at Weed Rd.	1		99	
11-Mar-93	43	Yes	Upland	Wood River at Weed Rd.	1		117	
18-Mar-93	43	Yes	Upland	Wood River at Weed Rd.	1		166	
22-Mar-93	43	Yes	Upland	Wood River at Weed Rd.	1		136	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
30-Mar-93	43	Yes	Upland	Wood River at Weed Rd.	1		110	
06-Apr-93	43	Yes	Upland	Wood River at Weed Rd.	1		119	
13-Apr-93	43	Yes	Upland	Wood River at Weed Rd.	1		107	
19-Apr-93	43	Yes	Upland	Wood River at Weed Rd.	1		221	
26-Apr-93	43	Yes	Upland	Wood River at Weed Rd.	1		100	
29-Apr-93	43	Yes	Upland	Wood River at Weed Rd.	1		108	
05-May-93	43	Yes	Upland	Wood River at Weed Rd.	1		100	
13-May-93	43	Yes	Upland	Wood River at Weed Rd.	1		95	
18-May-93	43	Yes	Upland	Wood River at Weed Rd.	1		108	
26-May-93	43	Yes	Upland	Wood River at Weed Rd.	1		117	
23-Jun-93	43	Yes	Upland	Wood River at Weed Rd.	1		90	
08-Jul-93	43	Yes	Upland	Wood River at Weed Rd.	1		87	
19-Jul-93	43	Yes	Upland	Wood River at Weed Rd.	1		91	
05-Aug-93	43	Yes	Upland	Wood River at Weed Rd.	1		93	
17-Aug-93	43	Yes	Upland	Wood River at Weed Rd.	1		86	
31-Aug-93	43	Yes	Upland	Wood River at Weed Rd.	1		88	
15-Sep-93	43	Yes	Upland	Wood River at Weed Rd.	1		76	
28-Sep-93	43	Yes	Upland	Wood River at Weed Rd.	1		73	
14-Oct-93	43	Yes	Upland	Wood River at Weed Rd.	1		70	
21-Oct-93	43	Yes	Upland	Wood River at Weed Rd.	1		68	
02-Nov-93	43	Yes	Upland	Wood River at Weed Rd.	1		81	
30-Nov-93	43	Yes	Upland	Wood River at Weed Rd.	1		95	
24-Jan-94	43	Yes	Upland	Wood River at Weed Rd.	1		149	
11-Feb-94	43	Yes	Upland	Wood River at Weed Rd.	1		73	
28-Feb-94	43	Yes	Upland	Wood River at Weed Rd.	1		86	
09-Mar-94	43	Yes	Upland	Wood River at Weed Rd.	1		81	
15-Mar-94	43	Yes	Upland	Wood River at Weed Rd.	1		85	
23-Mar-94	43	Yes	Upland	Wood River at Weed Rd.	1		73	
29-Mar-94	43	Yes	Upland	Wood River at Weed Rd.	1		82	
05-Apr-94	43	Yes	Upland	Wood River at Weed Rd.	1		87	
13-Apr-94	43	Yes	Upland	Wood River at Weed Rd.	1		81	
19-Apr-94	43	Yes	Upland	Wood River at Weed Rd.	1		90	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-Apr-94	43	Yes	Upland	Wood River at Weed Rd.	1		69	
12-May-94	43	Yes	Upland	Wood River at Weed Rd.	1		85	
31-May-94	43	Yes	Upland	Wood River at Weed Rd.	1		84	
14-Jun-94	43	Yes	Upland	Wood River at Weed Rd.	1		76	
29-Jun-94	43	Yes	Upland	Wood River at Weed Rd.	1		81	
12-Jul-94	43	Yes	Upland	Wood River at Weed Rd.	1		67	
27-Jul-94	43	Yes	Upland	Wood River at Weed Rd.	1		74	
10-Aug-94	43	Yes	Upland	Wood River at Weed Rd.	1		91	
23-Aug-94	43	Yes	Upland	Wood River at Weed Rd.	1	51.8	84	10.6
07-Sep-94	43	Yes	Upland	Wood River at Weed Rd.	1	44.7	78	8.5
21-Sep-94	43	Yes	Upland	Wood River at Weed Rd.	1	79.8	89	17.4
04-Oct-94	43	Yes	Upland	Wood River at Weed Rd.	1	153.1	89	33.3
17-Oct-94	43	Yes	Upland	Wood River at Weed Rd.	1	189.2	86	39.8
01-Nov-94	43	Yes	Upland	Wood River at Weed Rd.	1	180.0	67	29.5
14-Nov-94	43	Yes	Upland	Wood River at Weed Rd.	1	245.0	63	37.8
30-Nov-94	43	Yes	Upland	Wood River at Weed Rd.	1	260.3	81	51.6
12-Dec-94	43	Yes	Upland	Wood River at Weed Rd.	1		87	
16-Dec-94	43	Yes	Upland	Wood River at Weed Rd.	1	240.1		
04-Jan-95	43	Yes	Upland	Wood River at Weed Rd.	1	246.4	69	41.6
13-Jan-95	43	Yes	Upland	Wood River at Weed Rd.	1		113	
18-Jan-95	43	Yes	Upland	Wood River at Weed Rd.	1	250.3	97	59.4
31-Jan-95	43	Yes	Upland	Wood River at Weed Rd.	1	504.9	150	185.3
14-Feb-95	43	Yes	Upland	Wood River at Weed Rd.	1	247.9	87	52.8
28-Feb-95	43	Yes	Upland	Wood River at Weed Rd.	1	267.3	95	62.1
14-Mar-95	43	Yes	Upland	Wood River at Weed Rd.	1	296.6	81	58.8
28-Mar-95	43	Yes	Upland	Wood River at Weed Rd.	1	267.2	89	58.2
11-Apr-95	43	Yes	Upland	Wood River at Weed Rd.	1	280.0	77	52.7
25-Apr-95	43	Yes	Upland	Wood River at Weed Rd.	1	278.9	76	51.9
09-May-95	43	Yes	Upland	Wood River at Weed Rd.	1	287.9	69	48.6
23-May-95	43	Yes	Upland	Wood River at Weed Rd.	1	167.4	66	27.0
06-Jun-95	43	Yes	Upland	Wood River at Weed Rd.	1	139.4	90	30.7
21-Jun-95	43	Yes	Upland	Wood River at Weed Rd.	1	245.8	66	39.7

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
05-Jul-95	43	Yes	Upland	Wood River at Weed Rd.	1	209.5	75	38.4
19-Jul-95	43	Yes	Upland	Wood River at Weed Rd.	1	176.4	87	37.5
02-Aug-95	43	Yes	Upland	Wood River at Weed Rd.	1	136.7	74	24.6
16-Aug-95	43	Yes	Upland	Wood River at Weed Rd.	1	105.3	78	20.1
29-Aug-95	43	Yes	Upland	Wood River at Weed Rd.	1	118.4	83	24.0
12-Sep-95	43	Yes	Upland	Wood River at Weed Rd.	1	141.7	85	29.5
26-Sep-95	43	Yes	Upland	Wood River at Weed Rd.	1	223.7	86	47.1
10-Oct-95	43	Yes	Upland	Wood River at Weed Rd.	1	287.4	69	48.5
24-Oct-95	43	Yes	Upland	Wood River at Weed Rd.	1	287.8	66	46.5
07-Nov-95	43	Yes	Upland	Wood River at Weed Rd.	1	300.3	81	59.5
29-Nov-95	43	Yes	Upland	Wood River at Weed Rd.	1	307.3	78	58.6
14-Dec-95	43	Yes	Upland	Wood River at Weed Rd.	1	430.7		
03-Jan-96	43	Yes	Upland	Wood River at Weed Rd.	1	402.6	83	81.8
08-Feb-96	43	Yes	Upland	Wood River at Weed Rd.	1		108	
13-Feb-96	43	Yes	Upland	Wood River at Weed Rd.	1	430.2	91	95.8
28-Feb-96	43	Yes	Upland	Wood River at Weed Rd.	1	373.2	67	61.2
03-Apr-96	43	Yes	Upland	Wood River at Weed Rd.	1		70	
15-Apr-96	43	Yes	Upland	Wood River at Weed Rd.	1	364.7	76	67.8
08-May-96	43	Yes	Upland	Wood River at Weed Rd.	1	304.8	73	54.4
20-May-96	43	Yes	Upland	Wood River at Weed Rd.	1	484.2	70	82.9
03-Jun-96	43	Yes	Upland	Wood River at Weed Rd.	1	329.6	81	65.3
19-Jun-96	43	Yes	Upland	Wood River at Weed Rd.	1	275.0	79	53.1
01-Jul-96	43	Yes	Upland	Wood River at Weed Rd.	1	251.8	79	48.7
15-Jul-96	43	Yes	Upland	Wood River at Weed Rd.	1	245.7	87	52.3
29-Jul-96	43	Yes	Upland	Wood River at Weed Rd.	1	237.7	81	47.1
13-Aug-96	43	Yes	Upland	Wood River at Weed Rd.	1	230.6	82	46.0
28-Aug-96	43	Yes	Upland	Wood River at Weed Rd.	1	268.1	80	52.5
25-Sep-96	43	Yes	Upland	Wood River at Weed Rd.	1	446.5	74	80.8
09-Oct-96	43	Yes	Upland	Wood River at Weed Rd.	1	377.4	78	72.0
07-Nov-96	43	Yes	Upland	Wood River at Weed Rd.	1	472.3	62	71.6
25-Nov-96	43	Yes	Upland	Wood River at Weed Rd.	1		88	
13-Dec-96	43	Yes	Upland	Wood River at Weed Rd.	1		137	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
03-Jan-97	43	Yes	Upland	Wood River at Weed Rd.	1		70	
08-Jan-97	43	Yes	Upland	Wood River at Weed Rd.	1		72	
27-Jan-97	43	Yes	Upland	Wood River at Weed Rd.	1	464.0	83	94.2
20-Feb-97	43	Yes	Upland	Wood River at Weed Rd.	1	500.1	76	93.0
01-Apr-97	43	Yes	Upland	Wood River at Weed Rd.	1	451.1	67	73.9
07-May-97	43	Yes	Upland	Wood River at Weed Rd.	1	324.0	80	63.4
14-May-97	43	Yes	Upland	Wood River at Weed Rd.	1	362.5	74	65.6
11-Jun-97	43	Yes	Upland	Wood River at Weed Rd.	1	362.5	84	74.5
25-Jun-97	43	Yes	Upland	Wood River at Weed Rd.	1	255.1	76	47.4
07-Jul-97	43	Yes	Upland	Wood River at Weed Rd.	1	270.0	90	59.5
22-Jul-97	43	Yes	Upland	Wood River at Weed Rd.	1	282.3	79	54.6
03-Sep-97	43	Yes	Upland	Wood River at Weed Rd.	1	338.7	88	72.9
13-Oct-97	43	Yes	Upland	Wood River at Weed Rd.	1	422.1	74	75.9
14-Jan-98	43	Yes	Upland	Wood River at Weed Rd.	1		81	
02-Feb-98	43	Yes	Upland	Wood River at Weed Rd.	1		83	
26-Feb-98	43	Yes	Upland	Wood River at Weed Rd.	1		79	
10-Mar-98	43	Yes	Upland	Wood River at Weed Rd.	1	429.2	74	77.7
24-Mar-98	43	Yes	Upland	Wood River at Weed Rd.	1		74	
07-Apr-98	43	Yes	Upland	Wood River at Weed Rd.	1		79	
21-Apr-98	43	Yes	Upland	Wood River at Weed Rd.	1	380.5	85	79.1
09-Jun-98	43	Yes	Upland	Wood River at Weed Rd.	1	358.5	84	73.7
23-Jun-98	43	Yes	Upland	Wood River at Weed Rd.	1	365.9	83	74.3
09-Jul-98	43	Yes	Upland	Wood River at Weed Rd.	1	336.1	91	74.8
21-Jul-98	43	Yes	Upland	Wood River at Weed Rd.	1	254.3	93	57.5
11-Aug-98	43	Yes	Upland	Wood River at Weed Rd.	1	216.9	83	44.0
26-Aug-98	43	Yes	Upland	Wood River at Weed Rd.	1	220.7	76	41.0
16-Sep-98	43	Yes	Upland	Wood River at Weed Rd.	1	305.5	80	59.8
30-Sep-98	43	Yes	Upland	Wood River at Weed Rd.	1		71	
10-Oct-95	42	Yes	Upland	Wood River Dixon Rd.	1	206.4		
07-Nov-95	42	Yes	Upland	Wood River Dixon Rd.	1	208.4		
29-Nov-95	42	Yes	Upland	Wood River Dixon Rd.	1	215.7		
08-Feb-96	42	Yes	Upland	Wood River Dixon Rd.	1		80	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
13-Feb-96	42	Yes	Upland	Wood River Dixon Rd.	1	240.3	71	41.7
6/2/1992	42	Yes	Upland	Wood River Dixon Rd.	4	148.0	70	25.3
7/28/1992	42	Yes	Upland	Wood River Dixon Rd.	4	153.0	60	22.5
11/17/1992	42	Yes	Upland	Wood River Dixon Rd.	4	143.0	40	14.0
3/30/1993	42	Yes	Upland	Wood River Dixon Rd.	4	167.0	80	32.7
5/12/1993	42	Yes	Upland	Wood River Dixon Rd.	4	169.0	90	37.2
7/14/1993	42	Yes	Upland	Wood River Dixon Rd.	4	199.0	70	34.1
9/22/1993	42	Yes	Upland	Wood River Dixon Rd.	4	220.0	60	32.3
06-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
06-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
09-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
09-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
13-Apr-99	96	Yes	Upland	Wood River Drain	3		90	
13-Apr-99	96	Yes	Upland	Wood River Drain	3		100	
16-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
16-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
15-Mar-00	96	Yes	Upland	Wood River Drain	3		200	
15-Mar-00	96	Yes	Upland	Wood River Drain	3		160	
20-Mar-00	96	Yes	Upland	Wood River Drain	3		150	
20-Mar-00	96	Yes	Upland	Wood River Drain	3		140	
23-Mar-00	96	Yes	Upland	Wood River Drain	3		170	
23-Mar-00	96	Yes	Upland	Wood River Drain	3		170	
28-Mar-00	96	Yes	Upland	Wood River Drain	3		180	
28-Mar-00	96	Yes	Upland	Wood River Drain	3		160	
31-Mar-00	96	Yes	Upland	Wood River Drain	3		210	
31-Mar-00	96	Yes	Upland	Wood River Drain	3		210	
03-Apr-00	96	Yes	Upland	Wood River Drain	3		210	
03-Apr-00	96	Yes	Upland	Wood River Drain	3		210	
26-Sep-00	96	Yes	Upland	Wood River Drain	3		290	
26-Sep-00	96	Yes	Upland	Wood River Drain	3		280	
12-Oct-00	96	Yes	Upland	Wood River Drain	3		260	
12-Oct-00	96	Yes	Upland	Wood River Drain	3		260	



Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2. Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading**

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
12-Oct-00	96	Yes	Upland	Wood River Drain	3		220	
20-Apr-99	96	Yes	Upland	Wood River Drain	3		70	
20-Apr-99	96	Yes	Upland	Wood River Drain	3		60	
17-Aug-93	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		358	
05-Apr-94	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1510	
13-Apr-94	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1620	
31-May-94	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		233	
14-Jun-94	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		171	
05-May-95	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		548	
23-May-95	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1220	
06-Jun-95	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1570	
21-Jun-95	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1330	
05-Jul-95	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1780	
28-Feb-96	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		541	
15-Apr-96	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		2220	
29-Aug-96	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		176	
07-Nov-96	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		230	
13-Dec-96	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		1060	
08-Jan-97	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		755	
28-Jan-97	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		707	
18-Feb-97	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		800	
25-Jun-97	44	Yes	Upland	Wood River Ranch Pump East to Wood R.	1		646	
25-Nov-91	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		68	
25-Mar-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		628	
31-Mar-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		562	
06-Apr-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		676	
14-Apr-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		912	
20-Apr-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		566	
29-Apr-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		682	
05-May-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		714	
13-May-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1000	
18-May-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1115	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
26-May-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1120	
05-Aug-93	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		243	
29-Mar-94	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1400	
05-Apr-94	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1540	
14-Jun-94	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		406	
05-May-95	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1020	
08-May-95	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		902	
05-Jul-95	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1600	
28-Feb-96	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		873	
15-Apr-96	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		1310	
13-Dec-96	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		798	
08-Jan-97	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		664	
28-Jan-97	45	Yes	Upland	Wood River Ranch Pump W. to 7mile Canal	1		551	
5/13/1995	104	Yes	Upland	Wood River Springs	6			
6/4/1995	104	Yes	Upland	Wood River Springs	6		120	
6/19/1995	104	Yes	Upland	Wood River Springs	6		100	
6/30/1995	104	Yes	Upland	Wood River Springs	6		120	
7/9/1995	104	Yes	Upland	Wood River Springs	6		90	
7/31/1995	104	Yes	Upland	Wood River Springs	6			
8/14/1995	104	Yes	Upland	Wood River Springs	6			
8/28/1995	104	Yes	Upland	Wood River Springs	6		90	
9/16/1995	104	Yes	Upland	Wood River Springs	6			
10/1/1995	104	Yes	Upland	Wood River Springs	6		80	
7/19/1995	104	Yes	Upland	Wood River Springs	8	166.9	80	32.7
8/10/1995	104	Yes	Upland	Wood River Springs	8	126.2	80	24.7
9/11/1995	104	Yes	Upland	Wood River Springs	8	121.9	80	23.9
2/28/1996	104	Yes	Upland	Wood River Springs	8	264.8	80	51.8
8/18/1998	109	No	Well	Ambrose McAuliffe Ranch	3		90	
9/30/1998	109	No	Well	Ambrose McAuliffe Ranch	3		110	
04-Nov-98	92	No	Well	Artesian Well (corral)	3		210	
30-Dec-98	92	No	Well	Artesian Well (corral)	3		190	
06-Apr-99	92	No	Well	Artesian Well (corral)	3		180	

Upper Klamath Lake Drainage Total Maximum Daily Load

**Table 2.** Lake, Upland and Well Data: Flow, Total Phosphorus and Total Phosphorus Loading

Date	ID	Mapped	Location	Site Name	Source	Flow (cfs)	TP (µg/l)	TP Load (kg/day)
15-Mar-00	92	No	Well	Artesian Well (corral)	3		200	
15-Mar-00	92	No	Well	Artesian Well (corral)	3		190	
04-Nov-98	91	No	Well	Artesian Well (NW of bridge)	3		260	
30-Dec-98	91	No	Well	Artesian Well (NW of bridge)	3		220	
06-Apr-99	91	No	Well	Artesian Well (NW of bridge)	3		210	
15-Mar-00	91	No	Well	Artesian Well (NW of bridge)	3		220	
15-Mar-00	91	No	Well	Artesian Well (NW of bridge)	3		210	
9/30/1998	113	No	Well	Church House	3		750	
9/3/1999	113	No	Well	Church House	3		730	
9/30/1998	114	No	Well	Ft. Klamath Telephone Co.	3		310	
9/3/1999	114	No	Well	Ft. Klamath Telephone Co.	3		310	
9/30/1998	112	No	Well	Horseshoe Resort	3		690	
9/3/1999	112	No	Well	Horseshoe Resort	3		710	
8/18/1998	110	No	Well	Leo Porter Residence	3		790	
9/30/1998	110	No	Well	Leo Porter Residence	3		750	
9/3/1999	110	No	Well	Leo Porter Residence	3		760	
9/30/1998	115	No	Well	McNeary Residence	3		1560	
8/18/1998	108	No	Well	Sevenmile Rd.	3		90	
9/30/1998	108	No	Well	Sevenmile Rd.	3		100	
8/18/1998	111	No	Well	Will McAuliffe Residence	3		1200	
9/30/1998	111	No	Well	Will McAuliffe Residence	3		1130	

**Table 3. Summary of Measured Total Spring Total Phosphorus Concentrations**

<b>Spring</b>	<b>Source(s)</b>	<b>Samples n</b>	<b>Mean (ppb)</b>	<b>Median (ppb)</b>	<b>Geomean (ppb)</b>	<b>Standard Deviation (ppb)</b>
Mares Egg Spring	1,3,4,5	23	76	70	74	16
Blue Spings	3,4,6	16	74	70	72	17
Wood R.Springs	3,6,8	12	88	80	86	18
Reservation Springs	2,4,6,7	17	84	90	79	22
Crooked Creek Springs	6,9,10	11	94	90	94	5
Spring Creek Springs	3,4	10	83	80	83	7
Malone Springs	1,3	7	86	76	83	26
Harriman Springs	1,3	7	39	38	39	5
Odessa Springs	1,3	7	59	58	57	18
Annie Creek Spring	3	2	35			
Crystal Creek Spring	3	2	90			
Fort Creek Spring	3	2	75			
Barkley Spring	3	1	80			
Threemile Creek Spring	3	1	20			
<b>Total</b>		<b>118</b>	<b>77</b>	<b>80</b>	<b>73</b>	<b>22</b>

## Measured Water Quality Trends

The power of the Seasonal Kendall test is obviously improved as the number of samples ( $n$ ) increases. Continued monitoring of UKL total phosphorus, chlorophyll  $a$ , and pH should continue, and the trend assessments should be updated on an annual basis. In addition, trend assessments can be performed on individual monitoring locations to potentially assess the effect of localized best management practices implementation.

### Purpose

An important objective of long term monitoring programs should be to detect changes or trends in water quality parameters over time. An assessment of water quality trends can answer some of the most fundamental questions about the quality of the state's waters:

- Are things getting better, getting worse, or largely remaining static?
- Are efforts overall leading to improvements in water quality?

The purpose of this work is to perform an exploratory review of Upper Klamath Lake mean total phosphorus data using the non-parametric (distribution-free) Seasonal Kendall test. The test will assess whether there is a statistically significant trend in the observed total phosphorus collected during March, April and May, from 1991 to 2000.

Data collected during the spring period gives an indication of the effectiveness of management practices to reduce nutrient inflow to the lake. Walker (2001) indicated that there are relationships among average annual inflow concentration, average lake phosphorus concentration in March-May, and pH excursion frequency in June-July.

### Types of Trends

There are two types of trends found in time series of water quality data, monotonic and step trends. A monotonic trend is a gradual change, taking place over many years, whereas a step trend is a sudden decrease that occurs as a result of some sudden change in an area, such as the termination of point or nonpoint sources.

For this assessment, efforts were restricted to analyzing selected data for a monotonic water quality trend. Step trend analysis should only be attempted when prior knowledge of activities within an area suggests that a step trend should be present. Selection of an analysis method based on examination of the data alone reportedly leads to biased results (Robert Hirsch, USGS, Reston VA).

### Human Activity and Hydrologic Variability

It is possible for an apparent trend in water quality to be caused by a trend in meteorological conditions such as rainfall (or lack thereof) or by other exogenous (outside) factors. Ultimately, since meteorological conditions are beyond our control, interest is focused on the existence of trends caused by human activities. It should also be recognized that it is possible for a significant trend in human activity to be masked, or hidden, by these outside influences. No attempt was made in this assessment to reduce the effect of outside influence. Therefore, results of this trends assessment should be interpreted with caution.

### Seasonal Kendall Test

The general monotonic trending technique applied for this assessment is the Seasonal Kendall Test (Hirsch, et al., 1982). A seasonal version of Sen's non-parametric method (Sen,

1968) is used to estimate the magnitude of the trend slope. These non-parametric (distribution-free) statistical tests are most appropriate for many water quality parameters, such as total phosphorus, that tend to not follow a normal (bell-shaped) statistical distribution curve. The tests also address seasonality in the data. The tests can also handle missing data in the time series and are affected very little by outliers.

The Seasonal Kendall Test is a refinement of the nonparametric Kendall-Mann Test (Mann, 1945; Kendall, 1975) which specifically accounts for the seasonal variability observed in many water quality constituents. In the Kendall test, all data pairs in the time series are compared for relative magnitude (rank). If the later value is larger, then a plus (+) is recorded, otherwise a minus (-). If no trend is present, it would be expected that the total number of pluses would approximately equal the number of minuses. A significantly larger number of pluses than minuses indicate that an increasing trend is likely, and conversely, more minuses suggest a downward trend.

A trend of some magnitude will usually be measured. The test estimates the likelihood that the trend measured from the sample does not exist in the water quality population sampled. This estimate is known as the probability (P) value and is recorded on the trend plot. The two-sided "P" value is compared to a predetermined chance of error that indicates the "confidence level". For this assessment, an 80 percent confidence level is used to conclude that a significant trend exists (on the trend plot, two times the "P" value is recorded because a "two-tailed" test is used to analyze the data for either increasing or decreasing trends.)

The Seasonal Kendall Test (and Slope estimate) was performed on those data pairs with a season defined as quarterly (March through May), yielding a global statistic for the test. Using the Seasonal Kendall Test requires the investigator to parse the data sets to one data point per season of interest. The median value for each quarter was selected as the parsing method to make the test more robust to potential outliers in the data.

Taylor and Loftis (WRB, Aug. 1989) tested eight competitive methods of monotonic trend detection, including the Seasonal Kendall without correction for correlation (SKWOC) and a modification of the Seasonal Kendall accounting for serial correlation (SKWC) (Hirsch & Slack, 1984). In the absence of serial correlation, the SKWOC (used here) performed as well or better than the others under a range of conditions. When data are serially correlated, the SKWC performs better than the other tests. Performing the trend test on quarterly data helps to minimize the effect of serial correlation. The effect of potential serial correlation on trend estimation should be considered when interpreting trend test results.

## Results

The Seasonal Kendall test performed on observed UKL mean total phosphorus collected during March through May, 1991 to 2000, indicates that there is a statistically significant decreasing trend (presented in **Figure 3**). The purpose of reducing phosphorus in Upper Klamath Lake is to reduce algal biomass, indicated by chlorophyll a, and subsequently pH. Lowering pH to the water quality standard (9.0) should significantly reduce or eliminate toxic conditions in the lake. **Figures 4 and 5** illustrate the chlorophyll a and pH trend tests. Data used in the tests are June and July lake composite means collected from 1992 through 1998. June and July are the months of peak algal growth and pH excursions. Lines are drawn on the plots to highlight the TMDL goals. The chlorophyll a and pH trend tests are not statistically significant.

## Recommendations

The power of the Seasonal Kendall test is obviously improved as the number of samples (*n*) increases. Continued monitoring of UKL total phosphorus, chlorophyll a, and pH should continue, and the trend assessments should be updated on an annual basis. In addition, trend

assessments can be performed on individual monitoring locations to potentially assess the effect of localized best management practices implementation.

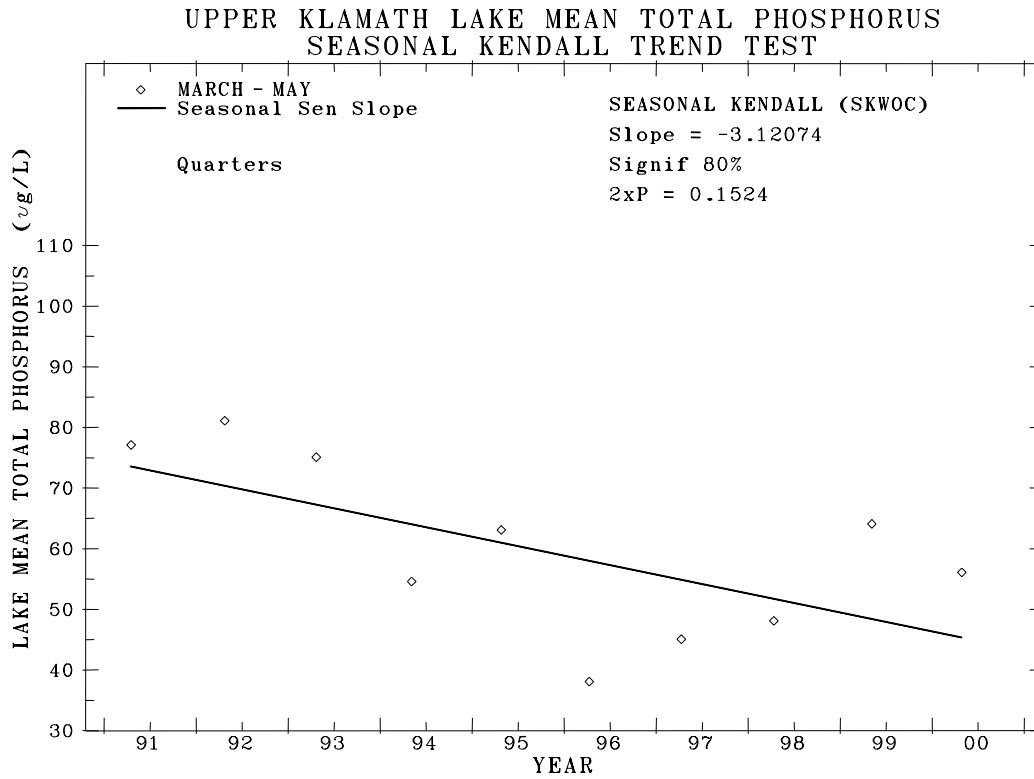


Figure 3. Upper Klamath Lake Mean Total Phosphorus (March-May) Trend Test

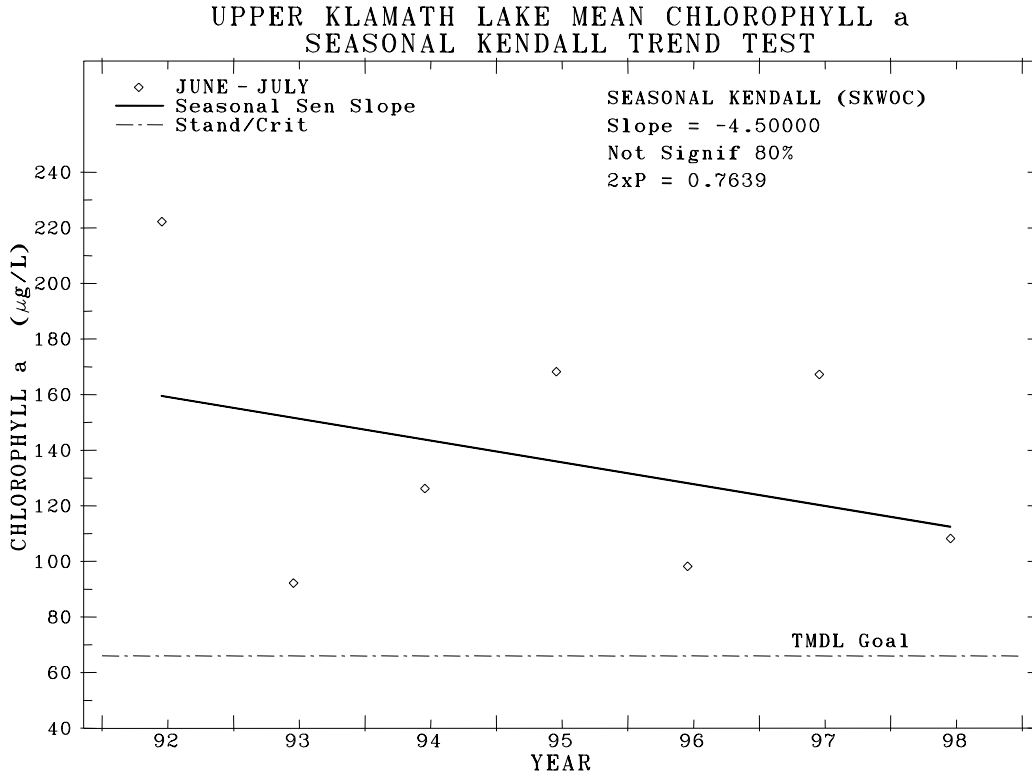


Figure 4. Upper Klamath Lake Mean Chlorophyll a Trend Test

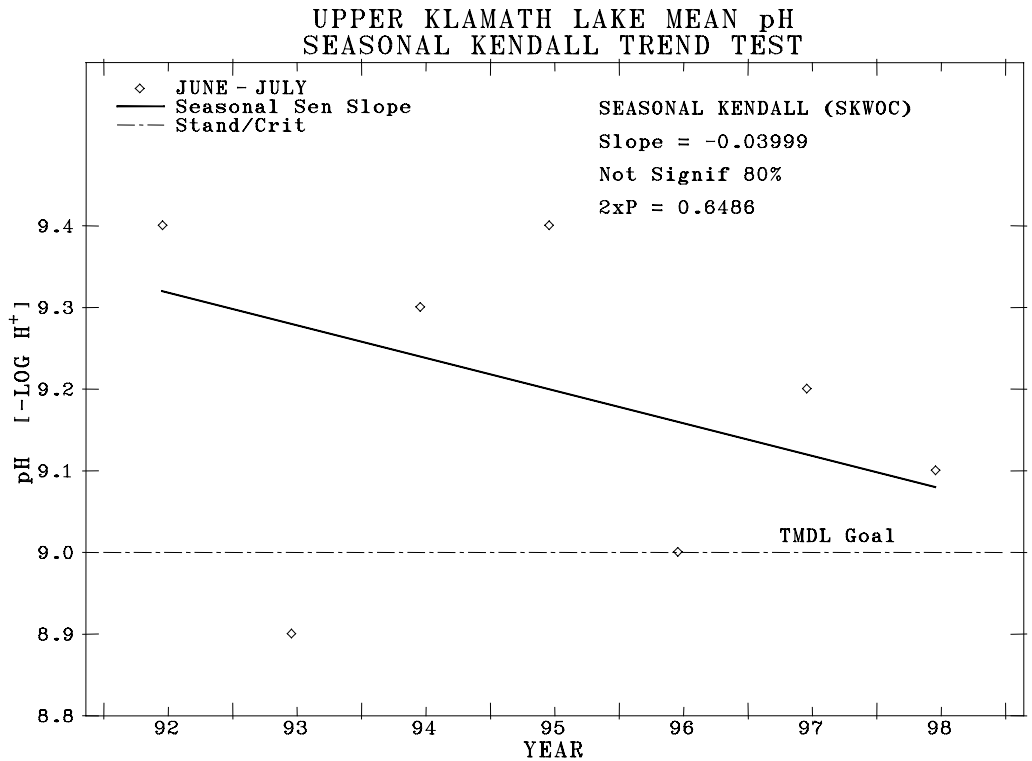


Figure 5. Upper Klamath Lake Mean pH Trend Test







State of Oregon  
**Department of  
Environmental  
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