

Appendix D

Site Conditions Data

WEATHER DATA
FROM WS DOT

Station # 2,I-90,WADOT

Unit ID.	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/17/2005 0:05	2	2.5	210	6.4	13.5	56.3
2	9/17/2005 0:10	2	2.6	204	8.5	13.4	56.12
2	9/17/2005 0:15	2	2.2	203	4.9	13.3	55.94
2	9/17/2005 0:21	2	2.3	193	8.8	13.3	55.94
2	9/17/2005 0:26	2	2.4	203	6.3	13.2	55.76
2	9/17/2005 0:31	2	2.3	176	9.8	13.3	55.94
2	9/17/2005 0:36	2	2.6	191	8.5	13.4	56.12
2	9/17/2005 0:41	2	2.6	190	5.6	13.3	55.94
2	9/17/2005 0:46	2	2.7	185	4	13.3	55.94
2	9/17/2005 0:51	2	2.4	210	10.4	13.2	55.76
2	9/17/2005 0:56	2	2.4	200	12.2	13.2	55.76
2	9/17/2005 1:01	2	2.6	182	11.2	13.3	55.94
2	9/17/2005 1:06	2	2	196	9	13.3	55.94
2	9/17/2005 1:11	2	1.7	184	13.8	13.2	55.76
2	9/17/2005 1:16	2	2.5	196	3.3	13.2	55.76
2	9/17/2005 1:21	2	2.2	191	11.2	13.2	55.76
2	9/17/2005 1:26	2	2.2	201	11	13.1	55.58
2	9/17/2005 1:31	2	1.8	193	11.7	13.1	55.58
2	9/17/2005 1:36	2	2.5	184	2.7	13.1	55.58
2	9/17/2005 1:41	2	2.8	197	6.5	13.1	55.58
2	9/17/2005 1:46	2	2.7	207	7.6	12.9	55.22
2	9/17/2005 1:51	2	2.5	193	5.6	12.9	55.22
2	9/17/2005 1:56	2	2.9	196	4.6	12.9	55.22
2	9/17/2005 2:01	2	2.8	189	3.6	12.8	55.04
2	9/17/2005 2:07	2	2.5	188	5.4	12.9	55.22
2	9/17/2005 2:12	2	2.3	181	8.3	12.9	55.22
2	9/17/2005 2:17	2	2.8	179	6.1	12.9	55.22
2	9/17/2005 2:22	2	2.6	190	5.7	12.9	55.22
2	9/17/2005 2:27	2	3.1	183	4.1	12.9	55.22
2	9/17/2005 2:32	2	3.2	179	9.3	12.9	55.22
2	9/17/2005 2:37	2	3.3	191	5.8	12.9	55.22
2	9/17/2005 2:42	2	3.1	189	6.1	12.9	55.22
2	9/17/2005 2:47	2	3.1	189	6.1	12.9	55.22
2	9/17/2005 2:52	2	2.7	187	9.2	13	55.4
2	9/17/2005 2:57	2	2.4	194	5.8	12.9	55.22
2	9/17/2005 3:02	2	2.4	190	10.9	12.8	55.04
2	9/17/2005 3:07	2	2.7	176	4.8	12.8	55.04
2	9/17/2005 3:12	2	2.8	172	5.4	12.9	55.22
2	9/17/2005 3:17	2	3	158	7.2	12.9	55.22
2	9/17/2005 3:23	2	3.1	149	4.5	12.9	55.22
2	9/17/2005 3:28	2	3.4	155	8.1	12.9	55.22
2	9/17/2005 3:33	2	3.5	180	8.1	12.9	55.22
2	9/17/2005 3:38	2	2.9	184	4.9	12.7	54.86
2	9/17/2005 3:43	2	2.5	199	8.5	12.8	55.04
2	9/17/2005 3:49	2	2.1	171	8.1	12.6	54.68
2	9/17/2005 3:54	2	2.1	213	8.3	12.7	54.86
2	9/17/2005 3:59	2	2.4	189	8.8	12.7	54.86
2	9/17/2005 4:04	2	2.5	194	9.4	12.6	54.68
2	9/17/2005 4:09	2	2.8	185	12.8	12.6	54.68
2	9/17/2005 4:15	2	2.5	187	3.3	12.6	54.68
2	9/17/2005 4:20	2	2.8	188	8.5	12.7	54.86
2	9/17/2005 4:25	2	2.9	190	3.7	12.7	54.86
2	9/17/2005 4:30	2	2.9	196	5	12.6	54.68
2	9/17/2005 4:36	2	2.7	185	11.6	12.7	54.86
2	9/17/2005 4:41	2	3.4	191	4.6	12.6	54.68
2	9/17/2005 4:46	2	3.1	183	7.1	12.5	54.5
2	9/17/2005 4:51	2	3.2	186	5.1	12.6	54.68
2	9/17/2005 4:56	2	2.8	190	4.8	12.5	54.5
2	9/17/2005 5:01	2	3.1	180	2.6	12.5	54.5
2	9/17/2005 5:06	2	3	183	5.5	12.5	54.5
2	9/17/2005 5:11	2	3	189	6.3	12.5	54.5
2	9/17/2005 5:16	2	2.9	177	5.3	12.6	54.68
2	9/17/2005 5:21	2	2.9	202	8.4	12.5	54.5
2	9/17/2005 5:26	2	3.1	202	4.1	12.4	54.32
2	9/17/2005 5:31	2	3	191	3.9	12.4	54.32
2	9/17/2005 5:36	2	2.9	193	9.1	12.3	54.14
2	9/17/2005 5:41	2	3	195	8.6	12.5	54.5

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/17/2005 5:48	2	3	175	15	12.5	54.5
2	9/17/2005 5:54	2	3.3	175	6	12.4	54.32
2	9/17/2005 5:59	2	3.4	166	5.4	12.5	54.5
2	9/17/2005 6:04	2	3.2	177	6.4	12.5	54.5
2	9/17/2005 6:09	2	3.5	165	8.3	12.5	54.5
2	9/17/2005 6:14	2	3.1	177	4.1	12.5	54.5
2	9/17/2005 6:19	2	3.1	179	4.5	12.5	54.5
2	9/17/2005 6:24	2	4.1	172	6	12.6	54.68
2	9/17/2005 6:29	2	4.2	178	3.3	12.5	54.5
2	9/17/2005 6:34	2	3.8	186	4.3	12.4	54.32
2	9/17/2005 6:39	2	4.2	178	3.9	12.4	54.32
2	9/17/2005 6:44	2	3.8	184	7.7	12.4	54.32
2	9/17/2005 6:49	2	3.2	190	7.8	12.4	54.32
2	9/17/2005 6:54	2	3.9	191	5.2	12.3	54.14
2	9/17/2005 6:59	2	4.1	176	8	12.4	54.32
2	9/17/2005 7:04	2	4	187	4.5	12.3	54.14
2	9/17/2005 7:09	2	3.2	196	4.5	12.2	53.96
2	9/17/2005 7:14	2	3.5	196	4	12.1	53.78
2	9/17/2005 7:19	2	3.4	194	2.1	12.2	53.96
2	9/17/2005 7:24	2	3	188	8.2	12.2	53.96
2	9/17/2005 7:29	2	3.3	193	5	12.2	53.96
2	9/17/2005 7:34	2	3	190	4.5	12.2	53.96
2	9/17/2005 7:39	2	3.5	183	6.5	12.3	54.14
2	9/17/2005 7:44	2	3.4	177	7	12.2	53.96
2	9/17/2005 7:49	2	3.8	184	4.8	12.2	53.96
2	9/17/2005 7:54	2	3.9	179	4.4	12.1	53.78
2	9/17/2005 7:59	2	3.9	174	6.2	12.1	53.78
2	9/17/2005 8:05	2	3.7	186	7	12.1	53.78
2	9/17/2005 8:10	2	3.2	174	4.6	12.1	53.78
2	9/17/2005 8:15	2	3	173	5.1	12.2	53.96
2	9/17/2005 8:20	2	3.3	182	7.8	12.2	53.96
2	9/17/2005 8:25	2	3	182	6	12.3	54.14
2	9/17/2005 8:30	2	2.8	198	6.7	12.4	54.32
2	9/17/2005 8:36	2	3.1	186	4	12.4	54.32
2	9/17/2005 8:41	2	3	181	7.6	12.5	54.5
2	9/17/2005 8:46	2	3.3	177	6.5	12.5	54.5
2	9/17/2005 8:51	2	3.4	172	3.9	12.5	54.5
2	9/17/2005 8:56	2	3.2	191	6.4	12.5	54.5
2	9/17/2005 9:01	2	2.7	176	3.9	12.5	54.5
2	9/17/2005 9:06	2	3	170	6.7	12.7	54.86
2	9/17/2005 9:11	2	3.2	182	3.9	12.8	55.04
2	9/17/2005 9:16	2	2.4	174	8.2	12.8	55.04
2	9/17/2005 9:21	2	2.9	178	8.2	12.8	55.04
2	9/17/2005 9:26	2	1.9	164	14.9	12.9	55.22
2	9/17/2005 9:32	2	3	180	6	13.1	55.58
2	9/17/2005 9:37	2	3.3	172	4.9	13.1	55.58
2	9/17/2005 9:43	2	2.4	164	4.8	13	55.4
2	9/17/2005 9:48	2	3.3	163	3.5	13	55.4
2	9/17/2005 9:54	2	2.8	186	8.9	13	55.4
2	9/17/2005 10:00	2	2.4	175	11.2	13.2	55.76
2	9/17/2005 10:05	2	1.8	199	6.7	13.2	55.76
2	9/17/2005 10:10	2	2.6	158	5.1	13.3	55.94
2	9/17/2005 10:16	2	1.9	148	13.7	13.3	55.94
2	9/17/2005 10:22	2	3.3	173	7.3	13.4	56.12
2	9/17/2005 10:27	2	3.2	157	8.9	13.5	56.3
2	9/17/2005 10:32	2	1.8	193	4.1	13.4	56.12
2	9/17/2005 10:37	2	2.7	160	9.8	13.5	56.3
2	9/17/2005 10:43	2	3.1	184	5.5	13.6	56.48
2	9/17/2005 10:48	2	3.4	181	3.6	13.5	56.3
2	9/17/2005 10:54	2	3.8	186	3.6	13.5	56.3
2	9/17/2005 11:00	2	3.8	176	7.7	13.6	56.48
2	9/17/2005 11:05	2	4.5	187	3.7	13.5	56.3
2	9/17/2005 11:11	2	3.3	183	7.8	13.5	56.3
2	9/17/2005 11:16	2	4.3	154	4	13.8	56.84
2	9/17/2005 11:21	2	3.2	161	6.8	13.8	56.84
2	9/17/2005 11:26	2	3.6	154	3.6	13.9	57.02
2	9/17/2005 11:31	2	3.8	142	4.1	14.1	57.38

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/17/2005 11:36	2	3.1	151	8.6	14	57.2
2	9/17/2005 11:41	2	2.3	135	5.8	14.1	57.38
2	9/17/2005 11:46	2	2.6	132	7.2	14.5	58.1
2	9/17/2005 11:51	2	3	133	7.2	14.5	58.1
2	9/17/2005 11:56	2	2.6	139	6.5	14.6	58.28
2	9/17/2005 12:01	2	2.6	128	9.5	14.7	58.46
2	9/17/2005 12:06	2	3	126	4.7	14.8	58.64
2	9/17/2005 12:11	2	3.1	131	12.5	14.9	58.82
2	9/17/2005 12:16	2	2.3	123	12	15	59
2	9/17/2005 12:21	2	3	131	7.1	15.1	59.18
2	9/17/2005 12:26	2	3.3	128	6.7	15.1	59.18
2	9/17/2005 12:31	2	3.1	136	4.7	15.2	59.36
2	9/17/2005 12:36	2	3.1	131	6.4	15.2	59.36
2	9/17/2005 12:41	2	3	142	5.6	15.5	59.9
2	9/17/2005 12:46	2	2.5	141	8.4	15.6	60.08
2	9/17/2005 12:51	2	2.7	130	6.5	15.8	60.44
2	9/17/2005 12:56	2	2.2	145	7.2	16	60.8
2	9/17/2005 13:02	2	2	131	4.4	16.3	61.34
2	9/17/2005 13:07	2	1.8	151	10.2	16.3	61.34
2	9/17/2005 13:12	2	1	123	22.5	16.4	61.52
2	9/17/2005 13:17	2	1.8	134	11.1	16.6	61.88
2	9/17/2005 13:22	2	1.8	144	6.7	16.4	61.52
2	9/17/2005 13:27	2	1.1	159	16.1	16.5	61.7
2	9/17/2005 13:32	2	0.8	154	46.4	16.5	61.7
2	9/17/2005 13:37	2	1	134	24.6	16.6	61.88
2	9/17/2005 13:42	2	0.9	155	8.9	16.7	62.06
2	9/17/2005 13:47	2	0.4	165	15.3	16.8	62.24
2	9/17/2005 13:52	2	0	0	32.3	17.6	63.68
2	9/17/2005 13:57	2	0	0	0.2	18.1	64.58
2	9/17/2005 14:02	2	0.6	132	4	18.9	66.02
2	9/17/2005 14:07	2	0.6	148	17.4	19	66.2
2	9/17/2005 14:12	2	0.6	220	31.7	19.4	66.92
2	9/17/2005 14:17	2	0.5	223	13.4	19.2	66.56
2	9/17/2005 14:22	2	0.8	190	14.7	19.1	66.38
2	9/17/2005 14:27	2	0	0	3.6	19.7	67.46
2	9/17/2005 14:32	2	0.7	153	34.1	19.7	67.46
2	9/17/2005 14:37	2	1.2	126	9.2	19	66.2
2	9/17/2005 14:42	2	1.5	112	7.7	18.6	65.48
2	9/17/2005 14:47	2	1.4	135	7	18.5	65.3
2	9/17/2005 14:52	2	1.8	119	3.6	18.3	64.94
2	9/17/2005 14:57	2	1.2	119	7.5	18.2	64.76
2	9/17/2005 15:02	2	1.9	127	5.3	18	64.4
2	9/17/2005 15:07	2	2.4	134	3.6	18.3	64.94
2	9/17/2005 15:12	2	2.4	117	6.9	18.2	64.76
2	9/17/2005 15:17	2	1.8	112	7.2	18.1	64.58
2	9/17/2005 15:22	2	2.3	135	6.6	18	64.4
2	9/17/2005 15:27	2	1.8	142	3.9	17.8	64.04
2	9/17/2005 15:32	2	1.9	119	2.2	18	64.4
2	9/17/2005 15:37	2	1.9	125	7.9	18	64.4
2	9/17/2005 15:42	2	1.8	124	7.4	18.1	64.58
2	9/17/2005 15:47	2	2.5	128	6.1	18	64.4
2	9/17/2005 15:52	2	3	153	6.9	18.2	64.76
2	9/17/2005 15:57	2	2.8	156	6	18.2	64.76
2	9/17/2005 16:02	2	2.8	159	5.5	18.1	64.58
2	9/17/2005 16:07	2	2.6	165	2.4	18.1	64.58
2	9/17/2005 16:12	2	2.8	153	4.4	18	64.4
2	9/17/2005 16:17	2	2.1	153	1.6	18	64.4
2	9/17/2005 16:22	2	1.7	143	7.4	18.2	64.76
2	9/17/2005 16:27	2	1.9	146	5.2	18.2	64.76
2	9/17/2005 16:32	2	1.9	142	4.2	18.2	64.76
2	9/17/2005 16:37	2	1.6	156	5.3	18.3	64.94
2	9/17/2005 16:42	2	1.9	133	4.5	18.2	64.76
2	9/17/2005 16:47	2	1.5	141	8.6	18.4	65.12
2	9/17/2005 16:52	2	1.3	137	17.9	18.4	65.12
2	9/17/2005 16:57	2	1.6	129	11.1	18.4	65.12
2	9/17/2005 17:02	2	1.1	112	15.9	18.4	65.12
2	9/17/2005 17:07	2	1.9	124	4.5	18.4	65.12

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/17/2005 17:12	2	1.6	112	11.1	18.4	65.12
2	9/17/2005 17:17	2	1.3	134	1.2	18.4	65.12
2	9/17/2005 17:22	2	0.9	140	8.4	18.5	65.3
2	9/17/2005 17:27	2	1	124	32.6	18.5	65.3
2	9/17/2005 17:32	2	3	83	6	18.4	65.12
2	9/17/2005 17:37	2	3	84	5.3	18.1	64.58
2	9/17/2005 17:42	2	2.9	85	11.7	18.2	64.76
2	9/17/2005 17:47	2	2.5	103	8.6	18.1	64.58
2	9/17/2005 17:52	2	1.5	93	14.9	18	64.4
2	9/17/2005 17:57	2	1.9	92	21.2	18.1	64.58
2	9/17/2005 18:02	2	2.5	91	11.5	18	64.4
2	9/17/2005 18:07	2	2.6	88	9.3	17.8	64.04
2	9/17/2005 18:12	2	3.1	76	5.4	17.7	63.86
2	9/17/2005 18:17	2	2.7	94	9.3	17.7	63.86
2	9/17/2005 18:22	2	2.8	82	8.6	17.7	63.86
2	9/17/2005 18:27	2	2.5	105	5.7	17.7	63.86
2	9/17/2005 18:32	2	2.5	101	7.8	17.7	63.86
2	9/17/2005 18:37	2	2.9	103	6.3	17.7	63.86
2	9/17/2005 18:42	2	2.6	106	9.8	17.6	63.68
2	9/17/2005 18:47	2	1.6	119	10.6	17.7	63.86
2	9/17/2005 18:53	2	2.3	117	7.5	17.6	63.68
2	9/17/2005 18:58	2	-2.4	122	5	17.4	63.32
2	9/17/2005 19:03	2	1.9	135	5.4	17.3	63.14
2	9/17/2005 19:08	2	1.7	111	15.2	17.3	63.14
2	9/17/2005 19:14	2	1.5	104	8.6	17.3	63.14
2	9/17/2005 19:19	2	1.3	113	15.2	17.3	63.14
2	9/17/2005 19:24	2	1.2	107	13	17.3	63.14
2	9/17/2005 19:29	2	0	0	3.3	17.2	62.96
2	9/17/2005 19:34	2	0.3	130	15.4	17.2	62.96
2	9/17/2005 19:39	2	0.1	123	1.2	17.3	63.14
2	9/17/2005 19:45	2	1.4	79	23.5	17.4	63.32
2	9/17/2005 19:50	2	0.9	236	37.4	17.4	63.32
2	9/17/2005 19:55	2	1.6	81	8.2	17.2	62.96
2	9/17/2005 20:00	2	0.9	118	7.9	17.2	62.96
2	9/17/2005 20:05	2	0.9	116	4.3	17.1	62.78
2	9/17/2005 20:10	2	1	148	15	17	62.6
2	9/17/2005 20:16	2	1.8	110	13.2	17	62.6
2	9/17/2005 20:21	2	1.1	103	5.8	16.9	62.42
2	9/17/2005 20:26	2	1.4	104	2	16.9	62.42
2	9/17/2005 20:31	2	1.2	117	14.4	16.8	62.24
2	9/17/2005 20:36	2	1.1	118	9.7	16.7	62.06
2	9/17/2005 20:41	2	0.6	137	18.9	16.7	62.06
2	9/17/2005 20:46	2	0.7	129	13.4	16.6	61.88
2	9/17/2005 20:51	2	1.1	72	31.3	16.7	62.06
2	9/17/2005 20:56	2	1.4	73	4.3	16.7	62.06
2	9/17/2005 21:01	2	1.3	75	0.8	16.5	61.7
2	9/17/2005 21:06	2	1.4	61	6.5	16.5	61.7
2	9/17/2005 21:11	2	0.1	142	40.4	16.5	61.7
2	9/17/2005 21:16	2	0.7	205	37.5	16.5	61.7
2	9/17/2005 21:21	2	0.2	164	32.5	16.5	61.7
2	9/17/2005 21:27	2	1.3	248	8.9	16.5	61.7
2	9/17/2005 21:32	2	1.2	243	7.2	16.4	61.52
2	9/17/2005 21:37	2	0.5	245	11.4	16.4	61.52
2	9/17/2005 21:42	2	1.2	253	10.2	16.4	61.52
2	9/17/2005 21:47	2	0.8	251	6.8	16.3	61.34
2	9/17/2005 21:52	2	1.2	45	15.9	16.3	61.34
2	9/17/2005 21:57	2	1.9	46	4	16.3	61.34
2	9/17/2005 22:02	2	2.1	46	3.3	16.1	60.98
2	9/17/2005 22:07	2	2.7	31	1.9	16	60.8
2	9/17/2005 22:12	2	2	48	4.3	16	60.8
2	9/17/2005 22:17	2	1.9	60	4.1	15.9	60.62
2	9/17/2005 22:22	2	2.2	80	5.6	15.9	60.62
2	9/17/2005 22:27	2	2.2	78	2	15.7	60.26
2	9/17/2005 22:32	2	1.6	86	1	15.6	60.08
2	9/17/2005 22:37	2	1.2	96	8.1	15.6	60.08
2	9/17/2005 22:43	2	1.5	113	18.7	15.6	60.08
2	9/17/2005 22:48	2	1.5	119	3.4	15.6	60.08

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/17/2005 22:53	2	1.6	130	9	15.8	60.44
2	9/17/2005 22:58	2	1	122	6.2	15.8	60.44
2	9/17/2005 23:03	2	0	0	54.9	15.8	60.44
2	9/17/2005 23:08	2	0.3	173	22.2	15.7	60.26
2	9/17/2005 23:13	2	0.8	130	6.6	15.6	60.08
2	9/17/2005 23:19	2	0.9	140	13.3	15.6	60.08
2	9/17/2005 23:24	2	0.8	156	16	15.6	60.08
2	9/17/2005 23:29	2	1.1	202	21.7	15.6	60.08
2	9/17/2005 23:34	2	1.2	240	11.7	15.6	60.08
2	9/17/2005 23:39	2	1.6	266	3.9	15.4	59.72
2	9/17/2005 23:44	2	1.3	317	7	15.4	59.72
2	9/17/2005 23:49	2	1.4	42	11.8	15.3	59.54
2	9/17/2005 23:54	2	1.3	38	7.3	15.2	59.36
2	9/17/2005 23:59	2	1.6	43	4.4	15.2	59.36

WEATHER DATA
FROM WSDOT

Station # 2, I-90, WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/18/2005 0:04	2	1.3	54	3	15.1	59.18
2	9/18/2005 0:09	2	1.9	59	3.2	15	59
2	9/18/2005 0:14	2	1.9	62	6.5	14.9	58.82
2	9/18/2005 0:19	2	2	65	3	14.9	58.82
2	9/18/2005 0:24	2	2.3	39	7.6	14.8	58.64
2	9/18/2005 0:29	2	2.6	41	5.7	14.7	58.46
2	9/18/2005 0:34	2	2.8	40	2.8	14.7	58.46
2	9/18/2005 0:39	2	3.2	43	2.1	14.7	58.46
2	9/18/2005 0:45	2	3.1	41	2.3	14.7	58.46
2	9/18/2005 0:50	2	2.1	32	44.5	14.8	58.64
2	9/18/2005 0:55	2	2.8	32	6.6	14.7	58.46
2	9/18/2005 1:00	2	3.5	356	10.1	14.7	58.46
2	9/18/2005 1:05	2	2.6	4	12.5	14.5	58.1
2	9/18/2005 1:10	2	2.9	6	5.2	14.6	58.28
2	9/18/2005 1:15	2	2.5	37	3.6	14.5	58.1
2	9/18/2005 1:20	2	2.5	39	5.5	14.6	58.28
2	9/18/2005 1:25	2	2.3	65	5.6	14.5	58.1
2	9/18/2005 1:30	2	2.3	77	3.6	14.3	57.74
2	9/18/2005 1:36	2	2.4	87	3.2	14.3	57.74
2	9/18/2005 1:41	2	2.5	89	3.7	14.2	57.56
2	9/18/2005 1:46	2	2.4	80	3.9	14	57.2
2	9/18/2005 1:51	2	2.3	70	3.4	13.9	57.02
2	9/18/2005 1:56	2	2.3	76	2	13.9	57.02
2	9/18/2005 2:01	2	2.6	56	4.3	13.7	56.66
2	9/18/2005 2:06	2	2.2	54	4.6	13.7	56.66
2	9/18/2005 2:11	2	2.5	39	2.2	13.7	56.66
2	9/18/2005 2:16	2	2.5	41	3.8	13.7	56.66
2	9/18/2005 2:21	2	2.6	42	4.6	13.7	56.66
2	9/18/2005 2:26	2	2.3	40	5.5	13.7	56.66
2	9/18/2005 2:31	2	2.7	14	2.6	13.7	56.66
2	9/18/2005 2:36	2	2.2	47	2.5	13.6	56.48
2	9/18/2005 2:41	2	2.3	52	2.8	13.6	56.48
2	9/18/2005 2:46	2	2.7	36	6.5	13.6	56.48
2	9/18/2005 2:51	2	2.8	43	2.9	13.5	56.3
2	9/18/2005 2:56	2	1.9	56	3.2	13.5	56.3
2	9/18/2005 3:01	2	1.9	39	9.5	13.5	56.3
2	9/18/2005 3:06	2	3.4	13	17.2	13.6	56.48
2	9/18/2005 3:11	2	2.7	328	2.8	13.6	56.48
2	9/18/2005 3:16	2	2.6	332	2.4	13.5	56.3
2	9/18/2005 3:21	2	2.4	346	7.4	13.5	56.3
2	9/18/2005 3:26	2	2.4	357	9.7	13.6	56.48
2	9/18/2005 3:31	2	2.3	359	27	13.5	56.3
2	9/18/2005 3:36	2	1.9	4	12.8	13.5	56.3
2	9/18/2005 3:41	2	2.5	9	3.9	13.5	56.3
2	9/18/2005 3:46	2	2.6	18	10.3	13.6	56.48
2	9/18/2005 3:51	2	2	9	7	13.5	56.3
2	9/18/2005 3:56	2	1.9	354	9.9	13.6	56.48
2	9/18/2005 4:01	2	1.9	341	7.1	13.5	56.3
2	9/18/2005 4:06	2	2.1	35	3.6	13.6	56.48
2	9/18/2005 4:11	2	1.6	82	1.3	13.3	55.94
2	9/18/2005 4:16	2	1.9	75	1.4	13.2	55.76
2	9/18/2005 4:21	2	2	54	3.5	13.2	55.76
2	9/18/2005 4:26	2	3.1	54	3.7	12.9	55.22
2	9/18/2005 4:32	2	2.9	55	7.4	12.6	54.68
2	9/18/2005 4:37	2	2.6	71	5	12.5	54.5
2	9/18/2005 4:42	2	2.4	62	8	12.5	54.5
2	9/18/2005 4:47	2	2.2	74	4.4	12.4	54.32
2	9/18/2005 4:52	2	2.2	71	4.6	12.2	53.96
2	9/18/2005 4:57	2	2	74	3.6	12.3	54.14
2	9/18/2005 5:03	2	2	90	2.9	12.3	54.14
2	9/18/2005 5:08	2	2.1	84	3.6	12.2	53.96
2	9/18/2005 5:13	2	1.7	85	2.6	12.1	53.78
2	9/18/2005 5:18	2	2.5	82	3.1	12.1	53.78
2	9/18/2005 5:23	2	2.7	83	2.1	12.1	53.78
2	9/18/2005 5:29	2	1.8	90	5.9	12	53.6
2	9/18/2005 5:34	2	1.6	96	4.7	11.9	53.42
2	9/18/2005 5:39	2	1.5	107	4.8	12	53.6
2	9/18/2005 5:44	2	1.7	95	7.8	12.1	53.78
2	9/18/2005 5:49	2	1.3	90	2.1	12.1	53.78
2	9/18/2005 5:54	2	1.7	74	4.3	12.1	53.78
2	9/18/2005 5:59	2	2.2	57	2.2	12.1	53.78
2	9/18/2005 6:05	2	2.6	64	2.2	12.2	53.96

Station # 2,I-90,WADOT

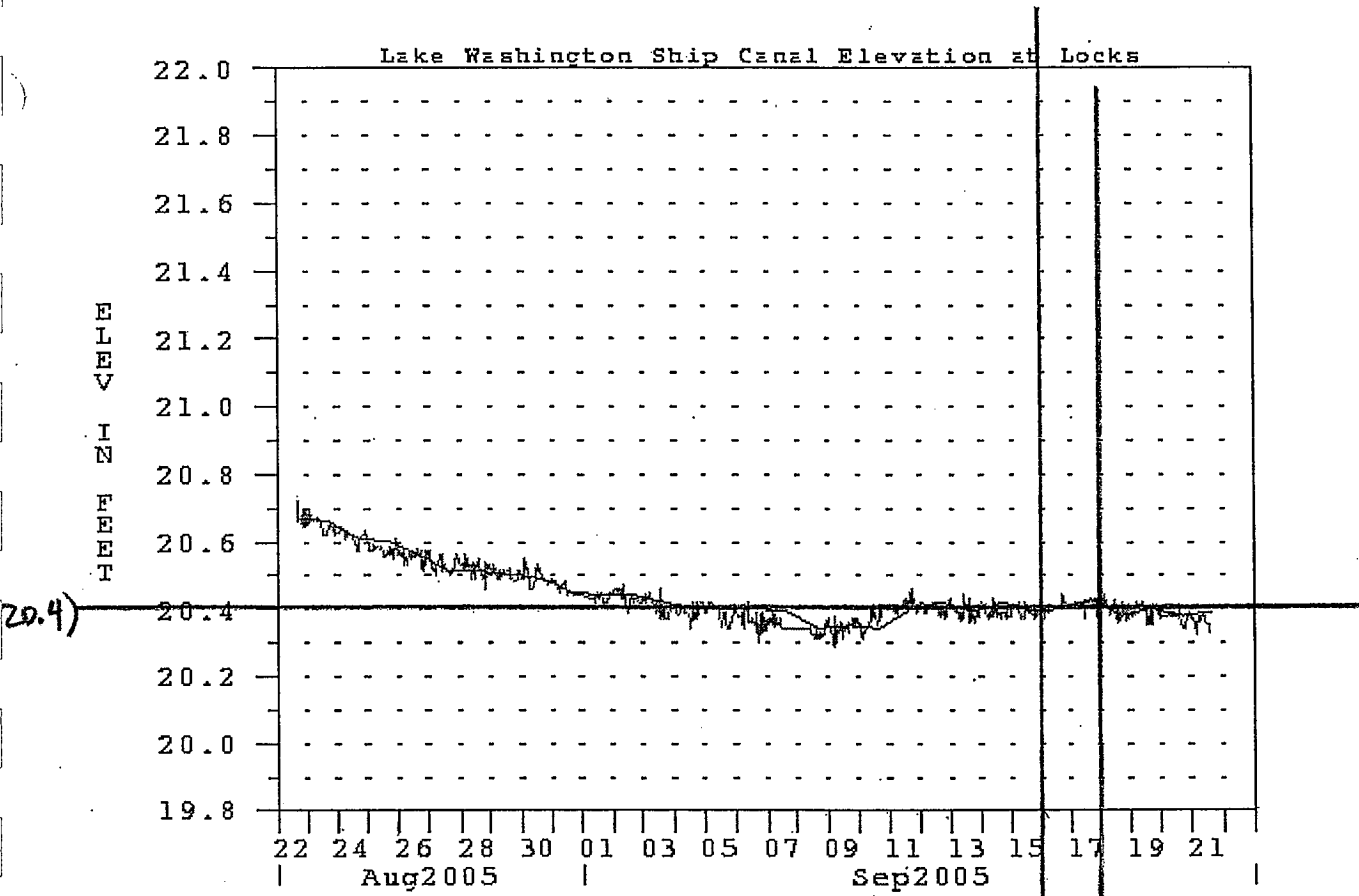
Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/18/2005 6:10	2	1.8	71	5.1	12.2	53.96
2	9/18/2005 6:16	2	1.8	66	3.9	12.2	53.96
2	9/18/2005 6:22	2	1.6	54	2.5	12.2	53.96
2	9/18/2005 6:27	2	1.7	63	3.2	12.3	54.14
2	9/18/2005 6:33	2	2.1	75	3	12.2	53.96
2	9/18/2005 6:38	2	1.4	66	0.1	12.2	53.96
2	9/18/2005 6:44	2	1.2	82	0.9	12.3	54.14
2	9/18/2005 6:49	2	1.6	63	8.5	12.4	54.32
2	9/18/2005 6:55	2	1.3	191	13.5	12.7	54.86
2	9/18/2005 7:00	2	1.3	57	30.9	12.7	54.86
2	9/18/2005 7:05	2	0.8	70	18.2	12.7	54.86
2	9/18/2005 7:10	2	1	254	12.3	12.6	54.68
2	9/18/2005 7:16	2	1.9	223	3.3	12.4	54.32
2	9/18/2005 7:21	2	2.2	210	0.8	12.3	54.14
2	9/18/2005 7:26	2	2.1	223	3.2	12.3	54.14
2	9/18/2005 7:31	2	2.1	242	7.5	12.5	54.5
2	9/18/2005 7:36	2	1.5	335	20.4	12.8	55.04
2	9/18/2005 7:41	2	2.3	342	8.8	13	55.4
2	9/18/2005 7:46	2	1.3	327	13.7	12.8	55.04
2	9/18/2005 7:51	2	1.7	307	11.4	12.7	54.86
2	9/18/2005 7:56	2	0.8	337	0.1	12.8	55.04
2	9/18/2005 8:01	2	0.9	336	0.1	12.8	55.04
2	9/18/2005 8:06	2	0	0	0.1	13	55.4
2	9/18/2005 8:11	2	0	0	0.7	13.3	55.94
2	9/18/2005 8:16	2	0	0	0.1	13.8	56.84
2	9/18/2005 8:21	2	0.2	136	46	14.4	57.92
2	9/18/2005 8:26	2	1.6	150	10.8	14.1	57.38
2	9/18/2005 8:31	2	2.9	145	3.6	13.9	57.02
2	9/18/2005 8:36	2	2.6	158	3.8	13.7	56.66
2	9/18/2005 8:41	2	3	142	5.7	13.6	56.48
2	9/18/2005 8:46	2	2.7	140	6	13.5	56.3
2	9/18/2005 8:51	2	2.2	143	8.9	13.5	56.3
2	9/18/2005 8:56	2	3.3	148	4.7	13.6	56.48
2	9/18/2005 9:02	2	2.5	143	8.4	13.6	56.48
2	9/18/2005 9:07	2	2.4	167	9	13.6	56.48
2	9/18/2005 9:12	2	2.5	170	3	13.4	56.12
2	9/18/2005 9:17	2	3	178	4.4	13.3	55.94
2	9/18/2005 9:22	2	3.3	172	4.7	13.4	56.12
2	9/18/2005 9:27	2	3	170	4.9	13.3	55.94
2	9/18/2005 9:32	2	3.3	178	5.3	13.2	55.76
2	9/18/2005 9:37	2	2.9	183	5.2	13.3	55.94
2	9/18/2005 9:42	2	3.1	170	3.7	13.5	56.3
2	9/18/2005 9:47	2	3.6	162	4	13.6	56.48
2	9/18/2005 9:52	2	2.7	159	3	13.7	56.66
2	9/18/2005 9:57	2	2.8	156	4.7	13.8	56.84
2	9/18/2005 10:02	2	3.1	162	6.3	14	57.2
2	9/18/2005 10:07	2	3.4	163	3	14	57.2
2	9/18/2005 10:12	2	3.2	169	3.9	14.2	57.56
2	9/18/2005 10:17	2	2.9	165	3.8	14.4	57.92
2	9/18/2005 10:22	2	2.7	168	8.8	14.5	58.1
2	9/18/2005 10:27	2	2.9	164	9.2	14.6	58.28
2	9/18/2005 10:32	2	2.4	161	2.3	14.8	58.64
2	9/18/2005 10:37	2	2	169	6.3	15	59
2	9/18/2005 10:42	2	2.3	162	4.4	15.3	59.54
2	9/18/2005 10:47	2	2.1	152	0.6	15.4	59.72
2	9/18/2005 10:52	2	1.1	164	2.9	15.7	60.26
2	9/18/2005 10:57	2	0	0	0.1	16.1	60.98
2	9/18/2005 11:02	2	1	150	15.3	16.4	61.52
2	9/18/2005 11:07	2	0.8	135	9.6	16.5	61.7
2	9/18/2005 11:12	2	1.4	147	13	16.7	62.06
2	9/18/2005 11:17	2	1	140	12.8	16.7	62.06
2	9/18/2005 11:22	2	1.3	137	8.8	17	62.6
2	9/18/2005 11:27	2	0.7	157	22.2	17	62.6
2	9/18/2005 11:32	2	1.4	138	1.7	17.1	62.78
2	9/18/2005 11:37	2	1.8	133	6.7	16.9	62.42
2	9/18/2005 11:42	2	1.8	142	5.2	16.9	62.42
2	9/18/2005 11:47	2	1.4	132	6.9	17.1	62.78
2	9/18/2005 11:52	2	0.8	140	7.6	17.3	63.14
2	9/18/2005 11:57	2	1.5	142	7.1	17.3	63.14
2	9/18/2005 12:02	2	1.5	132	4	17.4	63.32
2	9/18/2005 12:07	2	1.2	129	2.8	17.6	63.68
2	9/18/2005 12:12	2	1.8	137	10.4	17.7	63.86

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/18/2005 12:17	2	1.8	134	9.2	17.4	63.32
2	9/18/2005 12:22	2	1.7	125	9.2	17.2	62.96
2	9/18/2005 12:27	2	2	135	3.7	17.3	63.14
2	9/18/2005 12:32	2	1.7	118	5.8	17.5	63.5
2	9/18/2005 12:37	2	1.1	120	3.2	18.1	64.58
2	9/18/2005 12:42	2	0.2	152	3	18.6	65.48
2	9/18/2005 12:48	2	0.8	156	21.9	19	66.2
2	9/18/2005 12:53	2	1.1	126	4.9	19	66.2
2	9/18/2005 12:58	2	0.9	141	14.5	19	66.2
2	9/18/2005 13:03	2	1.1	144	6.5	19	66.2
2	9/18/2005 13:08	2	0.8	257	10.4	19.3	66.74
2	9/18/2005 13:13	2	1.8	335	8.8	19.3	66.74
2	9/18/2005 13:19	2	0.3	300	32.4	19.5	67.1
2	9/18/2005 13:24	2	0.7	320	8.1	20.2	68.36
2	9/18/2005 13:29	2	2	290	6.7	19.2	66.56
2	9/18/2005 13:34	2	1.8	286	9.4	18.9	66.02
2	9/18/2005 13:39	2	1.9	249	8	19.2	66.56
2	9/18/2005 13:44	2	1.9	282	16.7	19.2	66.56
2	9/18/2005 13:50	2	2.1	291	9.6	19.3	66.74
2	9/18/2005 13:55	2	2.3	293	6.1	18.9	66.02
2	9/18/2005 14:00	2	2.2	295	2.1	18.9	66.02
2	9/18/2005 14:05	2	1.4	283	11.6	19.1	66.38
2	9/18/2005 14:10	2	2.5	255	8.8	19.3	66.74
2	9/18/2005 14:15	2	2.2	269	10.9	19.5	67.1
2	9/18/2005 14:21	2	1.4	273	18.8	18.9	66.02
2	9/18/2005 14:26	2	1.3	252	15.4	19.8	67.64
2	9/18/2005 14:31	2	0.9	238	11.6	20.1	68.18
2	9/18/2005 14:36	2	0.6	248	5.3	20.1	68.18
2	9/18/2005 14:41	2	0.7	224	26.8	20.7	69.26
2	9/18/2005 14:46	2	0.5	39	14.9	21.2	70.16
2	9/18/2005 14:52	2	0.8	213	28.4	21.1	69.98
2	9/18/2005 14:57	2	0	0	0.2	21.2	70.16
2	9/18/2005 15:02	2	0	0	3.7	21.8	71.24
2	9/18/2005 15:07	2	1.1	97	20.1	21.9	71.42
2	9/18/2005 15:12	2	1	56	11.9	21.9	71.42
2	9/18/2005 15:17	2	0	0	14.6	21.9	71.42
2	9/18/2005 15:23	2	1.3	140	5.3	21.6	70.88
2	9/18/2005 15:28	2	1.7	131	5.3	20.6	69.08
2	9/18/2005 15:33	2	1.5	139	2.5	20.4	68.72
2	9/18/2005 15:38	2	0.7	134	16.6	21	69.8
2	9/18/2005 15:43	2	0.6	136	8.7	20.9	69.62
2	9/18/2005 15:48	2	1	126	6.2	21.1	69.98
2	9/18/2005 15:54	2	0.9	113	11.6	21.1	69.98
2	9/18/2005 15:59	2	1.2	136	12.7	21.1	69.98
2	9/18/2005 16:04	2	2.1	130	7.2	20.7	69.26
2	9/18/2005 16:09	2	1.4	119	4.2	20.4	68.72
2	9/18/2005 16:14	2	2	124	2.6	20.3	68.54
2	9/18/2005 16:19	2	0.5	180	33.9	20.6	69.08
2	9/18/2005 16:25	2	0.5	137	10.2	21.2	70.16
2	9/18/2005 16:30	2	0	0	21.4	21.3	70.34
2	9/18/2005 16:36	2	0.6	178	12.4	21.8	71.24
2	9/18/2005 16:41	2	0.2	222	29.2	22	71.6
2	9/18/2005 16:47	2	0.5	184	31.3	21.9	71.42
2	9/18/2005 16:52	2	0.7	279	47.9	22.4	72.32
2	9/18/2005 16:57	2	0.5	33	11.5	23	73.4
2	9/18/2005 17:02	2	0	0	5.3	23.1	73.58
2	9/18/2005 17:07	2	0.9	225	18.4	22.9	73.22
2	9/18/2005 17:13	2	0.7	170	8.8	22.4	72.32
2	9/18/2005 17:18	2	0.8	160	5.3	22.2	71.96
2	9/18/2005 17:23	2	0.9	162	10.2	22.1	71.78
2	9/18/2005 17:28	2	0.9	150	15.6	21.5	70.7
2	9/18/2005 17:33	2	0	0	0.9	21.5	70.7
2	9/18/2005 17:38	2	0.1	135	1	21.5	70.7
2	9/18/2005 17:44	2	0	0	0.3	21.4	70.52
2	9/18/2005 17:49	2	0	0	2.2	21.4	70.52
2	9/18/2005 17:54	2	0.2	231	12.4	21.2	70.16
2	9/18/2005 17:59	2	0	0	2.1	21	69.8
2	9/18/2005 18:04	2	0.7	236	12.5	20.8	69.44
2	9/18/2005 18:09	2	1.1	247	13.5	20.5	68.9
2	9/18/2005 18:14	2	1.3	315	7.8	20.1	68.18
2	9/18/2005 18:20	2	1.2	326	10.3	19.9	67.82
2	9/18/2005 18:25	2	1.3	318	0.5	19.7	67.46

Station # 2,I-90,WADOT

Unit ID	Sample Date and Time	Unit ID	Ave. Wind Speed	Ave. Wind Direction	Sigma-Theta	Ave. Air Temperature (degrees c)	Ave. Air Temperature (degrees f)
2	9/18/2005 18:31	2	0.9	308	1.2	19.6	67.28
2	9/18/2005 18:36	2	0.7	303	2.6	19.4	66.92
2	9/18/2005 18:41	2	0	0	0.7	19.4	66.92
2	9/18/2005 18:46	2	0.1	70	0.2	19.5	67.1
2	9/18/2005 18:52	2	0.7	32	0.7	19.4	66.92
2	9/18/2005 18:57	2	1.2	252	5.4	19.2	66.56
2	9/18/2005 19:02	2	0.6	228	19.4	19.2	66.56
2	9/18/2005 19:07	2	0	0	2.1	19.2	66.56
2	9/18/2005 19:13	2	0.9	202	3.1	19.3	66.74
2	9/18/2005 19:18	2	1	214	15.3	19.1	66.38
2	9/18/2005 19:23	2	1.1	211	7.1	18.8	65.84
2	9/18/2005 19:29	2	1	190	4	18.7	65.66
2	9/18/2005 19:34	2	0.8	147	10.8	18.7	65.66
2	9/18/2005 19:39	2	1.1	134	7.3	18.7	65.66
2	9/18/2005 19:44	2	0.9	125	2.2	18.7	65.66
2	9/18/2005 19:50	2	0.1	199	9.1	18.6	65.48
2	9/18/2005 19:56	2	0.4	143	0.3	18.5	65.3
2	9/18/2005 20:02	2	0.8	183	8.8	18.5	65.3
2	9/18/2005 20:07	2	1.3	263	8.7	18.4	65.12
2	9/18/2005 20:12	2	1	240	2.8	18.2	64.76
2	9/18/2005 20:17	2	1.4	212	3	18.1	64.58
2	9/18/2005 20:22	2	0.8	218	7.9	18.1	64.58
2	9/18/2005 20:28	2	1.1	263	8.3	18	64.4
2	9/18/2005 20:33	2	0.2	320	2	18.1	64.58
2	9/18/2005 20:38	2	0.6	353	0.1	18.1	64.58
2	9/18/2005 20:43	2	0	0	0.1	18	64.4
2	9/18/2005 20:49	2	3.5	49	5.6	18.1	64.58
2	9/18/2005 20:54	2	2.5	59	3.5	17.9	64.22
2	9/18/2005 20:59	2	2	75	3.7	17.9	64.22
2	9/18/2005 21:04	2	1.5	53	8	18	64.4
2	9/18/2005 21:09	2	1	40	57.4	17.9	64.22
2	9/18/2005 21:14	2	1.4	309	4.3	17.8	64.04
2	9/18/2005 21:19	2	0.6	318	0.1	17.7	63.86
2	9/18/2005 21:24	2	0.8	318	0.2	17.7	63.86
2	9/18/2005 21:29	2	0	0	0.6	17.6	63.68
2	9/18/2005 21:35	2	0.5	271	5.4	17.6	63.68
2	9/18/2005 21:40	2	0.7	287	0.2	17.6	63.68
2	9/18/2005 21:46	2	1.4	25	7.5	17.5	63.5
2	9/18/2005 21:51	2	1	229	53.2	17.5	63.5
2	9/18/2005 21:56	2	1.7	204	4.8	17.3	63.14
2	9/18/2005 22:01	2	1.5	207	2.1	17.2	62.96
2	9/18/2005 22:06	2	1.3	212	0.2	17.2	62.96
2	9/18/2005 22:11	2	1.9	202	5	17.1	62.78
2	9/18/2005 22:17	2	1.6	206	1.8	16.9	62.42
2	9/18/2005 22:22	2	2	218	0.6	16.7	62.06
2	9/18/2005 22:27	2	2.4	208	3	16.7	62.06
2	9/18/2005 22:32	2	1.8	191	9.8	16.8	62.24
2	9/18/2005 22:37	2	2.3	191	5.9	16.7	62.06
2	9/18/2005 22:42	2	2	184	4.8	16.5	61.7
2	9/18/2005 22:47	2	2.1	192	5.8	16.4	61.52
2	9/18/2005 22:52	2	1.5	187	7.3	16.3	61.34
2	9/18/2005 22:57	2	2.1	160	9.7	16.3	61.34
2	9/18/2005 23:02	2	2.2	161	13.1	16.3	61.34
2	9/18/2005 23:08	2	1.6	170	4.7	16.3	61.34
2	9/18/2005 23:13	2	0.9	185	19.1	16.2	61.16
2	9/18/2005 23:18	2	0.7	212	7.5	16.1	60.98
2	9/18/2005 23:24	2	1.3	222	2.7	16.1	60.98
2	9/18/2005 23:29	2	1.1	220	4	16.1	60.98
2	9/18/2005 23:35	2	0.2	222	0.6	16.1	60.98
2	9/18/2005 23:40	2	1.1	239	6.2	16	60.8
2	9/18/2005 23:45	2	0.6	222	4.3	16	60.8
2	9/18/2005 23:51	2	1	209	2.6	16	60.8
2	9/18/2005 23:56	2	1.1	187	13	16	60.8



HOMER HADLEY CABLE ADJUSTMENT

DATE *9/7/05* LAKE LEVEL TEMP WIND

CABLE	SHIMS FOUND	TENSION FOUND	TENSION LEFT	SHIMS LEFT	CABLE	SHIMS FOUND	TENSION FOUND	TENSION LEFT	SHIMS LEFT
A1N		65			KN				
A1S		67			KS				
A2N		68			LN				
A2S		69			LS				
BN		72			MN				
BS		69			MS				
CN		68			NN				
CS		70			NS				
DN		70			ON				
DS		68			OS				
EN		70			PN				
ES		70			PS				
FN		71			QN				
FS		69			QS				
GN		69			R1N				
GS		70			R1S				
HN		70			R2N				
HS		68			R2S				
IN		72							
IS									
JN									
JS									
JL1N					JL4N				
JL1S					JL4S				
JL2N					JL5N				
JL2S					JL5S				
JL3N					JL6N				
JL3S					JL6S				

COMMENTS

* Head refracted too far, needs repair

TENSION IN TONS

RECEIVED KPFF - TACOMA	SEP 29 2005	SHIMS IN INCHS
	FILE	