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Hudson River Fall Juvenile Water Quality Data
1974-1981

(156 pages)

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690001	71	5	8/19/1974	21:14	15.2	24.8	6	246	7.67	5.6	FS	24
1974	690002	69	5	8/19/1974	21:24	18.3	24.9	5.6	245	7.69	3.6	FS	24
1974	690003	68	5	8/19/1974	21:40	11.6	24.9	5.9	235	7.71	9.2	FS	24
1974	690004	65	5	8/19/1974	22:05	14.6	24.9	6	250	7.68	6.1	FS	24
1974	690005	63	5	8/19/1974	22:27	18.3	24.7	6.1	246	7.69	8.8	FS	24
1974	690006	59	6	8/19/1974	23:04	3	24.8	6.5	487	7.78	8.4	FS	24
1974	690007	58	6	8/19/1974	23:19	3	24.8	6.2	622	7.76	13	FS	24
1974	690008	58	6	8/19/1974	23:30	3	24.7	6.1	925	7.72	15	FS	24
1974	690009	58	5	8/19/1974	23:40	8.2	24.7	6.2	684	7.67	8.7	FS	24
1974	690011	57	4	8/20/1974	0:11	3	24.7	6.2	553	7.86	13	FS	24
1974	690012	56	6	8/20/1974	0:28	2.4	24.7	6.2	955	7.82	15	FS	24
1974	690013	56	5	8/20/1974	0:39	11.6	24.6	6.1	1330	7.78	9.4	FS	24
1974	690015	53	5	8/20/1974	1:44	19.8	24.3	5.8	1642	7.72	10	FS	24
1974	690016	53	5	8/20/1974	2:05	35.1	24.5	5.7	2272	7.68	14	FS	24
1974	690017	52	5	8/20/1974	2:37	33.5	24.4	5.8	2782	7.74	10	FS	24
1974	690018	50	5	8/20/1974	2:59	24.4	24.3	5.4	3751	7.63	8.9	FS	24
1974	690019	48	5	8/20/1974	3:25	20.4	24.4	5.5	4451	7.62	9.1	FS	24
1974	690020	45	5	8/20/1974	3:53	30.5	24.5	5.7	5856	7.71	7.1	FS	24
1974	690022	44	5	8/20/1974	5:07	21.3	24.3	5.7	5048	7.63	11	FS	24
1974	690023	43	6	8/20/1974	20:50	2.1	26.2	5.6	5077	7.39	14	FS	24
1974	690024	43	6	8/20/1974	21:00	2.1	26	5.8	4999	7.47	13	FS	24
1974	690025	43	5	8/20/1974	21:15	21.3	25.1	5.7	4570	7.43	10	FS	24
1974	690026	43	5	8/20/1974	21:32	24.4	25.5	5.6	4256	7.4	10	FS	24
1974	690027	42	4	8/20/1974	22:05	4.6	24.8	5.7	5821	7.43	9	FS	24
1974	690028	41	5	8/20/1974	22:23	12.2	26.1	5.5	5380	7.43	15	FS	24
1974	690029	41	5	8/20/1974	22:39	19.8	26.2	5.4	6346	7.56	10	FS	24
1974	690030	40	6	8/20/1974	23:03	3	26.6	5.5	6296	7.53	10	FS	24
1974	690031	39	6	8/20/1974	23:12	3	26.5	5.8	5629	7.57	7.8	FS	24
1974	690032	39	6	8/20/1974	23:32	3.7	26.8	6.3	8684	7.61	7.5	FS	24
1974	690033	38	6	8/20/1974	23:51	4.3	26.6	6.1	7749	7.58	4.1	FS	24
1974	690034	38	6	8/21/1974	0:02	4.3	26.3	5.9	7600	7.6	4.1	FS	24
1974	690035	37	6	8/21/1974	0:15	4.3	26.2	6	8298	7.63	4.2	FS	24
1974	690036	37	5	8/21/1974	0:31	7.9	25.9	5.6	8839	7.58	9.9	FS	24
1974	690037	36	4	8/21/1974	0:48	4.3	26.2	6	7615	7.59	3	FS	24
1974	690039	37	6	8/21/1974	1:17	4.3	26	6.3	9311	7.7	4.6	FS	24
1974	690040	36	6	8/21/1974	1:30	4.3	26	6.5	9311	7.71	4.5	FS	24
1974	690041	37	6	8/21/1974	1:44	4.3	26.1	6.3	8804	7.7	4.5	FS	24
1974	690042	36	6	8/21/1974	2:02	3.7	26	6.3	8821	7.71	4.2	FS	24
1974	690044	36	6	8/21/1974	2:41	6.1	25.9	6.1	8839	7.68	4.6	FS	24
1974	690046	36	6	8/21/1974	3:05	4.3	25.8	6.1	8856	7.65	3.2	FS	24
1974	690047	36	5	8/21/1974	3:16	7.3	25.9	6	9624	7.63	5.6	FS	24
1974	690048	36	5	8/21/1974	3:43	11.6	25.8	6.1	9643	7.67	6.1	FS	24
1974	690049	34	6	8/21/1974	3:59	4.6	25.6	6	10076	7.63	6.5	FS	24
1974	690050	35	6	8/21/1974	4:12	4	25.8	6	9840	7.65	6	FS	24
1974	690051	34	6	8/21/1974	4:23	4.3	25.5	6.2	9700	7.69	5.2	FS	24
1974	690053	34	6	8/21/1974	4:52	3.7	25.5	6	9700	7.65	6.5	FS	24
1974	690054	34	6	8/21/1974	5:03	3.7	25.8	6.1	9348	7.65	6	FS	24
1974	690055	34	6	8/21/1974	5:12	3.7	25.8	6.1	9643	7.67	5.4	FS	24
1974	690057	14	4	8/21/1974	20:45	5.2	24.8	3.8	18869	7.31	16	FS	24
1974	690058	15	4	8/21/1974	21:06	4.9	24.9	4.4	17830	7.34	19	FS	24
1974	690059	16	4	8/21/1974	21:15	5.5	24.8	4.3	17263	7.32	13	FS	24
1974	690061	17	4	8/21/1974	21:45	4.9	24.8	4.6	16561	7.38	16	FS	24
1974	690062	18	4	8/21/1974	22:25	4.9	24.7	4.7	15286	7.37	14	FS	24
1974	690063	17	4	8/21/1974	22:38	4.6	24.6	4.7	16929	7.38	13	FS	24
1974	690064	17	4	8/21/1974	22:55	4.9	24.5	4.8	16660	7.38	11	FS	24
1974	690065	19	4	8/21/1974	23:08	4.9	24.5	4.5	16357	7.35	6.8	FS	24
1974	690066	19	4	8/21/1974	23:16	5.5	24.5	4.6	16357	7.36	9.2	FS	24
1974	690067	21	4	8/21/1974	23:33	6.1	24.4	5.3	15378	7.39	4.7	FS	24
1974	690068	21	4	8/21/1974	23:45	5.2	24.4	5.5	14973	7.42	4.4	FS	24

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690069	21	4	8/21/1974	23:55	4.9	24.6	5.2	14611	7.4	7.8	FS	24
1974	690070	22	4	8/22/1974	0:07	4.6	24.3	5.1	14699	7.42	15	FS	24
1974	690071	22	4	8/22/1974	0:17	4.9	24.8	5.3	14252	7.45	10	FS	24
1974	690073	24	4	8/22/1974	0:35	6.1	24.7	5.2	14280	7.42	9.5	FS	24
1974	690074	24	4	8/22/1974	0:41	4.6	24.7	5.4	14079	7.45	7.4	FS	24
1974	690075	24	4	8/22/1974	0:50	4.3	24.6	5.6	13906	7.48	5.5	FS	24
1974	690076	24	4	8/22/1974	0:58	5.5	24.4	5.3	14366	7.43	7.8	FS	24
1974	690078	25	6	8/22/1974	1:50	4	24.3	5.7	12975	7.46	3.1	FS	24
1974	690080	25	6	8/22/1974	2:08	3.7	24.2	5.6	13408	7.48	5.9	FS	24
1974	690081	26	6	8/22/1974	2:20	3	24.2	5.8	13001	7.48	4.2	FS	24
1974	690082	25	4	8/22/1974	2:34	5.5	24.6	5.1	14611	7.42	7.9	FS	24
1974	690085	25	4	8/22/1974	3:00	5.8	24.4	5	14973	7.4	17.9	FS	24
1974	690086	25	4	8/22/1974	3:11	6.1	24.4	5.1	14973	7.41	9.3	FS	24
1974	690087	26	4	8/22/1974	3:20	4.6	24.5	5.5	14135	7.44	7.6	FS	24
1974	690088	26	4	8/22/1974	3:35	3.7	24.3	5.5	13685	7.45	6.9	FS	24
1974	690089	26	4	8/22/1974	3:45	3	24.5	5.6	13328	7.45	7.5	FS	24
1974	690090	28	4	8/22/1974	4:15	4	24.4	6	12646	7.5	6.8	FS	24
1974	690091	28	4	8/22/1974	4:27	4.6	24.4	5.8	12950	7.48	7.8	FS	24
1974	690092	28	5	8/22/1974	4:42	11.9	24.3	5.7	13178	7.47	5.3	FS	24
1974	690093	28	6	8/22/1974	4:55	3.7	24.5	6.3	11914	7.52	5.6	FS	24
1974	690094	29	6	8/22/1974	5:06	3.4	24.8	5.8	11542	7.48	4.9	FS	24
1974	690095	30	6	8/22/1974	5:19	2.7	25	5.8	11197	7.49	5	FS	24
1974	690096	29	4	8/22/1974	20:43	3	25.1	6.4	11474	7.62	11	FS	24
1974	690097	29	4	8/22/1974	20:53	3	25	6.2	11796	7.58	13	FS	24
1974	690098	30	4	8/22/1974	21:06	6.1	25	6.6	10197	7.64	7.6	FS	24
1974	690099	30	4	8/22/1974	21:19	3.7	25.1	6.5	10975	7.65	9.6	FS	24
1974	690100	31	4	8/22/1974	21:28	4.6	25.2	6.7	10157	7.71	9	FS	24
1974	690101	31	4	8/22/1974	21:38	3.7	25.2	6.8	10157	7.72	9.2	FS	24
1974	690102	31	4	8/22/1974	21:47	4.3	25.2	6.8	10455	7.69	14	FS	24
1974	690104	32	5	8/22/1974	22:11	8.5	25.2	6.8	8962	7.71	8.5	FS	24
1974	690105	31	6	8/22/1974	22:26	2.4	25.1	6.6	9778	7.64	9.3	FS	24
1974	690106	32	6	8/22/1974	22:36	3	25.2	7.3	9161	7.82	6.1	FS	24
1974	690107	33	6	8/22/1974	22:57	2.1	25.1	7	9179	7.75	5.8	FS	24
1974	690108	33	6	8/22/1974	23:03	2.1	25	7	9197	7.74	5.9	FS	24
1974	690109	33	6	8/22/1974	23:10	2.1	25.1	7	9179	7.75	5	FS	24
1974	690110	33	6	8/22/1974	23:21	2.1	25.1	7.1	8979	7.78	6	FS	24
1974	690111	33	6	8/22/1974	23:34	3.7	25.1	7	8979	7.73	6	FS	24
1974	690112	72	5	8/26/1974	20:32	15.2	26	7.1	201	7.43	9.5	FS	25
1974	690114	69	5	8/26/1974	21:13	15.2	26.2	7.1	229	7.48	11	FS	25
1974	690116	67	5	8/26/1974	21:46	21.3	26.1	7.2	279	7.59	10	FS	25
1974	690117	63	5	8/26/1974	22:14	12.2	26	7.3	456	7.5	12	FS	25
1974	690118	63	5	8/26/1974	22:26	15.2	26	7.4	461	7.51	7.6	FS	25
1974	690119	61	5	8/26/1974	22:45	9.8	25.6	6.1	682	7.59	9.7	FS	25
1974	690120	60	6	8/26/1974	23:07	5.5	25.5	6.1	812	7.48	5.8	FS	25
1974	690121	58	6	8/26/1974	23:25	2.4	25.9	6.6	805	7.53	11	FS	25
1974	690123	58	5	8/26/1974	23:55	12.8	25.8	5.9	1220	7.55	11	FS	25
1974	690124	57	4	8/27/1974	0:16	4	24.8	7	552	7.54	12	FS	25
1974	690125	56	6	8/27/1974	0:40	3.7	25	7.2	850	7.55	8.6	FS	25
1974	690126	56	6	8/27/1974	0:52	3.7	24.9	7.3	881	7.6	15	FS	25
1974	690127	57	6	8/27/1974	1:03	3.7	24.9	7	781	7.58	7.1	FS	25
1974	690128	54	5	8/27/1974	1:23	33.5	25.1	6.1	1716	7.5	22	FS	25
1974	690129	53	5	8/27/1974	2:00	36.6	25	6.7	1350	7.49	6.3	FS	25
1974	690130	50	5	8/27/1974	2:25	24.4	25.2	6.3	2290	7.5	8.4	FS	25
1974	690132	47	5	8/27/1974	3:02	30.5	25.4	5.9	2856	7.49	11	FS	25
1974	690133	47	5	8/27/1974	3:18	36.6	25.4	6	3223	7.48	16	FS	25
1974	690134	46	5	8/27/1974	3:38	25.9	25.5	5.3	3385	7.4	13	FS	25
1974	690135	44	4	8/27/1974	4:03	6.1	25.7	5.2	3451	7.41	8.7	FS	25
1974	690136	44	5	8/27/1974	4:16	25.9	26	5.1	4705	7.4	12	FS	25
1974	690137	43	6	8/27/1974	4:34	3	26.1	4.9	4402	7.38	6.5	FS	25

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1974	690139	43	5	8/27/1974	4:58	21.3	25.8	5.1	5412	7.41	9.7	FS	25
1974	690140	42	4	8/27/1974	5:14	4	25.9	5	4910	7.4	6.6	FS	25
1974	690141	42	4	8/27/1974	5:26	5.2	26.1	6.4	4500	7.48	5.5	FS	25
1974	690142	14	4	8/27/1974	20:30	5.5	25.5	2.2	28705	7.24	5.4	FS	25
1974	690143	14	4	8/27/1974	21:00	5.2	25.3	3.1	28024	7.25	4.7	FS	25
1974	690144	15	4	8/27/1974	21:12	4.6	25.3	3	25639	7.28	7.5	FS	25
1974	690145	15	4	8/27/1974	21:20	4.9	25.4	2.3	26283	7.24	6.9	FS	25
1974	690146	15	4	8/27/1974	21:28	5.8	25.4	2.6	25787	7.26	7.7	FS	25
1974	690147	16	4	8/27/1974	21:38	4.6	25.4	2.2	26580	7.2	8.2	FS	25
1974	690148	17	4	8/27/1974	21:53	5.5	25.6	2.1	25883	7.21	6.6	FS	25
1974	690149	17	4	8/27/1974	22:03	4.3	25.6	3.4	22721	7.34	6.9	FS	25
1974	690150	18	4	8/27/1974	22:12	4.9	25.5	3.4	23558	7.33	5.9	FS	25
1974	690151	18	4	8/27/1974	22:23	5.8	25.5	3.8	21975	7.38	8.7	FS	25
1974	690152	19	4	8/27/1974	22:35	4.9	25.6	4.2	21240	7.39	15	FS	25
1974	690153	19	4	8/27/1974	22:47	5.8	25.5	3.6	21282	7.31	7	FS	25
1974	690154	20	4	8/27/1974	22:57	4.9	25.5	4.7	19599	7.44	16	FS	25
1974	690155	21	4	8/27/1974	23:13	4.9	25.6	4.8	17782	7.45	18	FS	25
1974	690156	21	4	8/27/1974	23:27	4.6	25.7	5.1	17254	7.44	16	FS	25
1974	690157	23	4	8/27/1974	23:52	5.5	25.9	4.5	16499	7.4	7.4	FS	25
1974	690158	24	4	8/28/1974	0:02	4	25.8	5.4	14957	7.44	13	FS	25
1974	690159	25	4	8/28/1974	0:17	4.3	25.8	5.4	13973	7.43	12	FS	25
1974	690160	25	6	8/28/1974	0:35	3	25.8	6.5	12989	7.68	8.5	FS	25
1974	690161	25	5	8/28/1974	0:48	15.2	25.8	6.7	12989	7.7	4.3	FS	25
1974	690162	26	6	8/28/1974	1:00	3	25.9	6.3	12963	7.62	9.5	FS	25
1974	690164	26	6	8/28/1974	1:25	3.4	25.9	5.9	13258	7.6	6.2	FS	25
1974	690165	26	4	8/28/1974	1:41	4.3	25.9	5.6	12767	7.56	9.5	FS	25
1974	690166	26	4	8/28/1974	1:53	3	25.9	6	12276	7.61	12	FS	25
1974	690167	26	4	8/28/1974	2:05	5.5	25.9	5.9	11981	7.61	13	FS	25
1974	690168	26	4	8/28/1974	2:18	2.7	25.9	5.8	11785	7.59	15	FS	25
1974	690169	26	4	8/28/1974	2:28	3	25.9	5.8	11785	7.6	11	FS	25
1974	690170	28	6	8/28/1974	2:56	2.7	25.9	6.6	9330	7.74	8.7	FS	25
1974	690171	29	4	8/28/1974	3:15	3.7	25.9	5.7	10803	7.5	8.8	FS	25
1974	690172	29	4	8/28/1974	3:25	3.7	25.9	5.7	10803	7.51	7.9	FS	25
1974	690173	29	4	8/28/1974	3:37	5.8	26	5.5	11271	7.45	6.2	FS	25
1974	690174	29	5	8/28/1974	3:50	11.6	26	5.2	16466	7.41	5.3	FS	25
1974	690176	29	6	8/28/1974	4:14	3.4	25.9	6.5	9035	7.64	7.5	FS	25
1974	690177	29	4	8/28/1974	4:32	4	26	6.2	10291	7.63	6.2	FS	25
1974	690178	30	4	8/28/1974	4:44	4.3	26	5.9	10291	7.6	4.6	FS	25
1974	690179	30	4	8/28/1974	4:54	4.3	26.1	6.1	10271	7.63	4.4	FS	25
1974	690180	30	4	8/28/1974	5:03	5.8	26.1	6	9586	7.62	7.9	FS	25
1974	690181	30	6	8/28/1974	5:14	3.7	26.2	6.6	8787	7.71	7.5	FS	25
1974	690182	31	6	8/28/1974	5:24	3	26.2	6.7	8298	7.73	6.4	FS	25
1974	690183	42	5	8/28/1974	20:38	7.6	26.2	5.7	6346	7.53	6.6	FS	25
1974	690184	41	5	8/28/1974	20:58	16.8	26	6.1	6861	7.57	6.8	FS	25
1974	690185	41	5	8/28/1974	21:15	13.7	26	6.2	5097	7.56	5.5	FS	25
1974	690186	40	4	8/28/1974	21:31	4.6	26.2	6.3	5370	7.56	5.5	FS	25
1974	690187	40	6	8/28/1974	21:45	4.6	26.2	6.6	6834	7.6	6.5	FS	25
1974	690188	38	6	8/28/1974	22:05	3.7	26.1	7.7	6847	7.78	4.8	FS	25
1974	690189	38	6	8/28/1974	22:20	4.6	26.2	7.4	6834	7.71	3.7	FS	25
1974	690190	38	6	8/28/1974	22:32	3.7	26.1	8	6847	7.78	4.8	FS	25
1974	690191	38	5	8/28/1974	22:47	10.7	25.9	5.1	10999	7.55	3.9	FS	25
1974	690192	38	4	8/28/1974	22:59	5.2	26.9	5.8	8185	7.57	5.8	FS	25
1974	690193	37	5	8/28/1974	23:13	9.1	26	4.3	11271	7.51	3.7	FS	25
1974	690194	37	6	8/28/1974	23:28	3.7	25.9	7.5	7071	7.73	5.8	FS	25
1974	690195	37	6	8/28/1974	23:37	3.7	25.9	7.4	7071	7.71	6.7	FS	25
1974	690196	37	6	8/28/1974	23:50	5.8	26	4.7	9605	7.53	4.6	FS	25
1974	690197	37	5	8/29/1974	0:01	9.1	25.7	4.6	11043	7.49	4.8	FS	25
1974	690198	36	6	8/29/1974	0:12	3.4	26.1	6	7043	7.56	4.7	FS	25
1974	690199	36	6	8/29/1974	0:22	3.4	26	6.4	6861	8.38	6.5	FS	25

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690200	35	6	8/29/1974	0:35	3	26	6.5	6861	7.62	4.8	FS	25
1974	690201	35	6	8/29/1974	0:45	2.4	25.9	7.2	7365	7.67	11	FS	25
1974	690202	35	6	8/29/1974	1:00	2.4	26.3	5.4	7308	7.5	9.5	FS	25
1974	690203	35	6	8/29/1974	1:12	5.5	26.2	3.7	8787	7.54	4.9	FS	25
1974	690204	35	4	8/29/1974	1:23	4.6	26.2	3.7	7322	7.58	5.7	FS	25
1974	690205	35	5	8/29/1974	1:45	11.6	25.8	2.5	12005	7.62	4.1	FS	25
1974	690206	35	6	8/29/1974	2:00	4.3	25.9	2.3	6874	7.52	11	FS	25
1974	690207	34	6	8/29/1974	2:11	3.7	26	2	6861	7.58	7.1	FS	25
1974	690208	33	5	8/29/1974	2:27	7.9	25.8	6.7	7085	7.66	7.7	FS	25
1974	690209	33	6	8/29/1974	2:46	3	26	5.7	8037	7.5	6.2	FS	25
1974	690210	33	6	8/29/1974	2:55	6.1	26	6.2	8331	7.58	6.2	FS	25
1974	690211	33	6	8/29/1974	3:02	3	25.9	6.2	8053	7.55	6.2	FS	25
1974	690212	32	6	8/29/1974	3:13	2.1	25.8	6.4	8364	7.59	9.2	FS	25
1974	690213	32	6	8/29/1974	3:24	3	25.8	6.2	8364	7.56	6.9	FS	25
1974	690214	32	6	8/29/1974	3:32	3.4	25.9	6	8839	7.52	7	FS	25
1974	690215	32	6	8/29/1974	3:42	3.4	25.9	6.3	8348	7.57	7.7	FS	25
1974	690216	30	6	8/29/1974	4:00	3	25.8	5.9	8659	7.53	11	FS	25
1974	690217	31	4	8/29/1974	4:19	2.1	25.8	6.1	7872	7.54	6.9	FS	25
1974	690218	32	4	8/29/1974	4:33	4.9	25.8	6.6	7872	7.57	12	FS	25
1974	690219	69	5	9/3/1974	20:48	24.4	23	6.4	208	7.18	5.7	FS	26
1974	690221	68	5	9/3/1974	21:20	11.6	23.4	6.4	204	7.4	4.9	FS	26
1974	690222	71	5	9/3/1974	21:50	15.2	23.2	6.7	206	7.45	3.4	FS	26
1974	690223	72	5	9/3/1974	22:03	14	23	6.4	206	7.25	4.9	FS	26
1974	690224	62	5	9/3/1974	23:08	13.7	24.1	6.7	212	7.43	3.1	FS	26
1974	690225	60	6	9/3/1974	23:32	6.1	23.5	7.2	227	7.49	4.4	FS	26
1974	690226	59	6	9/3/1974	23:46	2.7	23	7.4	265	7.45	5.2	FS	26
1974	690227	58	6	9/3/1974	23:59	2.4	23.7	5.7	349	7.55	8.8	FS	26
1974	690228	58	5	9/4/1974	0:15	11.3	23.8	6.2	256	7.47	7.5	FS	26
1974	690229	57	5	9/4/1974	1:11	7.6	23.8	6.8	384	7.45	8.2	FS	26
1974	690230	57	6	9/4/1974	1:30	6.1	23.5	6.6	505	7.57	8.4	FS	26
1974	690231	56	6	9/4/1974	1:40	2.7	23.8	6.5	512	7.6	9	FS	26
1974	690232	56	5	9/4/1974	1:48	13.4	24.3	6.6	659	7.55	12	FS	26
1974	690233	55	5	9/4/1974	2:03	13.7	23.9	6.5	654	7.55	10	FS	26
1974	690235	53	5	9/4/1974	2:40	33.5	24.4	6.3	1416	7.42	17	FS	26
1974	690237	49	5	9/4/1974	3:27	26.8	24.5	6.4	2019	7.4	5.4	FS	26
1974	690238	49	5	9/4/1974	3:41	25	24.5	5.7	3382	7.32	9.3	FS	26
1974	690239	48	5	9/4/1974	3:57	22.6	24.9	0	3431	7.32	11	FS	26
1974	690241	44	5	9/4/1974	4:45	22.9	24.9	0	4708	7.3	7.1	FS	26
1974	690242	44	6	9/4/1974	5:06	3.7	24.2	0	2224	7.37	5.8	FS	26
1974	690243	43	6	9/4/1974	5:19	4.3	24.6	0	2318	7.34	6.3	FS	26
1974	690244	14	4	9/4/1974	20:30	3.7	22.2	5.8	7931	7.18		FS	26
1974	690245	14	4	9/4/1974	20:37	4	22.4	5.5	15587	7.25		FS	26
1974	690246	15	4	9/4/1974	20:45	4.6	22.5	5.7	7568	7.27		FS	26
1974	690247	15	4	9/4/1974	21:00	4.3	22	5.6	14865	7.29		FS	26
1974	690249	15	4	9/4/1974	21:21	4.6	22.3	5.7	15039	7.25		FS	26
1974	690250	16	4	9/4/1974	21:34	4.6	22	6.1	14971	7.35		FS	26
1974	690251	16	4	9/4/1974	21:40	5.5	21.9	6	15002	7.34		FS	26
1974	690252	17	4	9/4/1974	22:10	5.2	22.2	5.7	15334	7.4	42	FS	26
1974	690254	18	4	9/4/1974	22:35	4.6	22	7.4	15131	7.39	32	FS	26
1974	690255	18	4	9/4/1974	22:47	6.1	22	5.9	14653	7.32	9.4	FS	26
1974	690256	19	4	9/4/1974	23:00	4.6	21.7	6.3	13675	7.3	27	FS	26
1974	690257	20	4	9/4/1974	23:10	4.9	22	6.2	13273	7.35	24	FS	26
1974	690258	21	4	9/4/1974	23:20	4.6	21.8	6.7	12580	7.32	22	FS	26
1974	690259	22	4	9/4/1974	23:25	4.3	21.9	6.2	12980	7.41	33	FS	26
1974	690260	22	4	9/4/1974	23:37	3.7	21.7	6.5	12820	7.45	26	FS	26
1974	690261	22	4	9/4/1974	23:45	4.6	21.5	5.8	12443	7.39	28	FS	26
1974	690262	24	4	9/4/1974	23:58	5.2	21.5	7.5	10727	7.52	27	FS	26
1974	690263	24	4	9/5/1974	0:08	5.5	21.9	6.5	12502	7.45	17	FS	26
1974	690264	24	4	9/5/1974	0:18	5.2	22	6.9	11680	7.41	15	FS	26

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1974	690265	25	5	9/5/1974	0:30	6.7	21.9	7.1	11597	7.37	12	FS	26
1974	690267	25	6	9/5/1974	0:55	4	22.2	5.8	12690	7.42	4.6	FS	26
1974	690268	26	4	9/5/1974	1:11	5.2	22	6.7	11680	7.53	9.1	FS	26
1974	690269	25	4	9/5/1974	1:21	4.6	21.8	8	11194	7.4	7.1	FS	26
1974	690270	26	4	9/5/1974	1:30	4.3	21.5	7.4	10727	7.58	4.6	FS	26
1974	690271	26	4	9/5/1974	1:40	3.7	21.9	7.7	9629	7.62	5.2	FS	26
1974	690272	26	6	9/5/1974	2:00	2.4	22	6.7	10618	7.45	3.9	FS	26
1974	690273	26	6	9/5/1974	2:08	2.4	22	6.5	10883	7.45	3.8	FS	26
1974	690274	28	4	9/5/1974	2:30	4.6	22.3	7.1	10290	7.6	8.4	FS	26
1974	690275	28	5	9/5/1974	2:45	7	22.5	7.3	6201	7.47	7.1	FS	26
1974	690276	28	6	9/5/1974	2:55	4.9	22.2	6.9	10046	7.55	3.2	FS	26
1974	690277	29	6	9/5/1974	3:06	3	21.9	6.9	9576	7.59	6.4	FS	26
1974	690278	29	6	9/5/1974	3:15	3.4	21.8	6.9	9862	7.52	5.5	FS	26
1974	690279	29	4	9/5/1974	3:33	3.7	22	7.2	9556	7.6	7.4	FS	26
1974	690280	29	4	9/5/1974	3:45	3.4	21.8	7.3	9489	7.48	4.5	FS	26
1974	690281	30	4	9/5/1974	3:57	3	21.6	7.4	8671	7.5	5.1	FS	26
1974	690282	30	4	9/5/1974	4:06	3.7	21	7.4	4443	7.58	3.4	FS	26
1974	690283	30	5	9/5/1974	4:25	12.2	22.2	6.9	5287	7.55	4.6	FS	26
1974	690284	30	6	9/5/1974	4:35	3	20.9	7.1	4453	7.52	4	FS	26
1974	690285	31	6	9/5/1974	4:47	3	21.8	7.3	4051	7.5	5.5	FS	26
1974	690286	30	4	9/5/1974	5:07	3.7	21.8	7.3	4158	7.3	4.8	FS	26
1974	690287	30	4	9/5/1974	5:15	3.7	21.5	8.1	8045	7.61	5.4	FS	26
1974	690288	31	4	9/5/1974	5:25	3.4	21.7	7	7692	7.58	3.6	FS	26
1974	690289	31	4	9/5/1974	20:00	3.4	23	7.7	7283	7.5	7.3	FS	26
1974	690290	32	4	9/5/1974	20:15	4.6	23.3	7.5	6412	7.46	8.7	FS	26
1974	690291	31	6	9/5/1974	20:35	2.7	22.3	7.9	7282	7.49	1.9	FS	26
1974	690292	32	6	9/5/1974	20:47	3	24	7.7	6833	7.5	3	FS	26
1974	690293	33	6	9/5/1974	20:55	2.4	22.7	8	6386	7.5	3.2	FS	26
1974	690294	33	6	9/5/1974	21:13	3	22.7	8.2	6281	7.45	2.6	FS	26
1974	690295	33	5	9/5/1974	21:25	10.1	23.6	7.4	6168	7.45	11	FS	26
1974	690296	33	4	9/5/1974	21:40	4.6	23.5	7.5	5150	7.48	4.6	FS	26
1974	690297	34	6	9/5/1974	21:56	3.7	22.9	7.8	6360	7.5	2	FS	26
1974	690298	34	6	9/5/1974	22:06	3.7	22.8	8.1	5223	7.49	1.9	FS	26
1974	690299	34	6	9/5/1974	22:15	3.7	23	7.7	6139	7.48	1.8	FS	26
1974	690300	35	6	9/5/1974	22:25	3.7	22.8	7.5	6059	7.4	1.9	FS	26
1974	690301	34	5	9/5/1974	22:40	12.2	23.4	7.3	5470	7.4	2.6	FS	26
1974	690302	35	4	9/5/1974	22:55	4.6	23.6	7.4	4605	7.3	3.1	FS	26
1974	690303	35	5	9/5/1974	23:12	6.7	23.3	7.5	5792	7.45	3.3	FS	26
1974	690304	36	4	9/5/1974	23:25	4	23.5	7.3	4440	7.41	2.6	FS	26
1974	690305	36	4	9/5/1974	23:40	4	23.8	7	4198	7.4	6.1	FS	26
1974	690306	36	6	9/5/1974	23:55	5.2	23.3	7.2	5171	7.44	3.9	FS	26
1974	690307	36	6	9/6/1974	0:10	4	23.2	7.5	5104	7.42	2.6	FS	26
1974	690308	37	6	9/6/1974	0:16	3.7	23.4	7.2	4954	7.3	2.6	FS	26
1974	690309	37	6	9/6/1974	0:28	4.3	23.3	7.3	5057	7.46	2.8	FS	26
1974	690310	37	5	9/6/1974	0:40	8.5	23.4	7.1	5135	7.4	3.8	FS	26
1974	690311	37	6	9/6/1974	0:55	4.3	23.1	7.3	4974	7.42	2.7	FS	26
1974	690312	37	6	9/6/1974	1:05	4.3	23.3	7	5119	7.5	2.5	FS	26
1974	690313	38	6	9/6/1974	1:25	4	23.4	7.5	5161	7.44	3.4	FS	26
1974	690314	37	6	9/6/1974	1:40	3.7	23.1	7.8	5400	7.5		FS	26
1974	690315	38	6	9/6/1974	1:55	4.3	24	7.5	5073	7.5	5.1	FS	26
1974	690316	39	6	9/6/1974	2:06	4.3	23.5	8.6	4594	7.47	7.6	FS	26
1974	690317	38	5	9/6/1974	2:20	12.8	23.7	7	4011	7.4	2.5	FS	26
1974	690318	39	5	9/6/1974	2:35	11.6	24	7.6	3875	7.39	3.3	FS	26
1974	690319	40	6	9/6/1974	2:50	3.7	23.4	7.1	4670	7.49	4.2	FS	26
1974	690321	40	5	9/6/1974	3:25	15.8	23.9	7.1	3341	7.5	5.2	FS	26
1974	690322	41	5	9/6/1974	3:40	16.5	23.4	7	3045	7.5	5.3	FS	26
1974	690323	42	4	9/6/1974	3:55	5.2	23.9	6.6	3474	7.42	7.1	FS	26
1974	690324	42	4	9/6/1974	4:05	4.3	24	6.9	3478	7.4	7	FS	26
1974	690325	42	5	9/6/1974	4:20	19.8	24	7.7	2957	7.45	4.8	FS	26

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1974	690326	43	5	9/6/1974	4:48	11.3	23.9	7.1	3209	7.53	9.6	FS	26
1974	690331	74	5	9/9/1974	21:02	29	23.3	7	222	7.68	8.3	FS	27
1974	690332	68	5	9/9/1974	21:34	13.7	23.5	7.3	227	7.69	6.6	FS	27
1974	690335	67	5	9/9/1974	22:15	18.3	23.2	7	215	7.71	13	FS	27
1974	690336	64	5	9/9/1974	22:41	15.2	23.3	7.2	220	7.45	8.6	FS	27
1974	690337	64	5	9/9/1974	22:55	13.7	23.3	7.1	219	7.65	13	FS	27
1974	690338	60	6	9/9/1974	23:27	3	23.2	8.1	230	7.75	7	FS	27
1974	690339	59	6	9/9/1974	23:45	3.7	23.1	8	226	7.85	11	FS	27
1974	690340	58	6	9/9/1974	23:57	3.7	23.1	8.1	236	7.75	9.7	FS	27
1974	690341	58	5	9/10/1974	0:07	9.1	23	7.4	222	7.63	11	FS	27
1974	690342	57	4	9/10/1974	0:25	3	22.7	7.7	241	7.71	6.3	FS	27
1974	690343	57	5	9/10/1974	0:37	13.7	23	7.4	224	7.69	19	FS	27
1974	690344	57	6	9/10/1974	0:52	3.7	22.8	8.3	240	7.8	7.8	FS	27
1974	690345	56	6	9/10/1974	1:04	3.7	22.8	8.3	253	7.75	11	FS	27
1974	690348	54	5	9/10/1974	1:45	10.7	22.9	7.3	289	7.73	14	FS	27
1974	690349	53	5	9/10/1974	2:01	24.4	23	7.2	260	7.68	14	FS	27
1974	690350	51	5	9/10/1974	2:25	21.3	23	7.2	297	7.68	17	FS	27
1974	690351	50	5	9/10/1974	2:46	27.4	22.8	7.2	548	7.65	16	FS	27
1974	690353	49	5	9/10/1974	3:16	39.6	22.9	7.2	508	7.66	16	FS	27
1974	690355	44	4	9/10/1974	4:03	4.6	23	6.8	843	7.58		FS	27
1974	690358	43	6	9/10/1974	4:32	3.7	22.9	6.7	959	7.58	15	FS	27
1974	690359	43	6	9/10/1974	4:41	3	22.7	6.8	932	7.6	9.8	FS	27
1974	690362	42	4	9/10/1974	5:21	3.4	23	6.6	1587	7.55	6.5	FS	27
1974	690365	44	5	9/10/1974	21:11	24.4	23.6	6.4	3290	7.49	14	FS	27
1974	690366	43	5	9/10/1974	21:26	12.8	23.7	6.5	3027	7.51	10	FS	27
1974	690367	42	5	9/10/1974	21:45	7.6	23.8	6.6	2892	7.52	7.1	FS	27
1974	690368	42	4	9/10/1974	21:57	5.5	23.7	6.4	3027	7.5	7.7	FS	27
1974	690369	40	5	9/10/1974	22:16	18.3	24	6.7	3748	7.51	8.4	FS	27
1974	690370	39	4	9/10/1974	22:33	4.6	23.9	6.6	3500	7.55	6.8	FS	27
1974	690371	39	5	9/10/1974	22:43	9.1	23.8	7	3942	7.53	6.9	FS	27
1974	690372	38	5	9/10/1974	22:57	12.2	23.3	6.6	5792	7.48	5.1	FS	27
1974	690373	39	6	9/10/1974	23:12	3.7	23.8	7	3993	7.5	8.7	FS	27
1974	690375	38	6	9/10/1974	23:31	4.6	23.7	6.9	3899	7.48	6.9	FS	27
1974	690376	38	6	9/10/1974	23:45	3	23.8	7	3778	7.57	8.8	FS	27
1974	690377	37	6	9/10/1974	23:56	4.9	23.6	6.8	4112	7.5	7.4	FS	27
1974	690378	37	5	9/11/1974	0:13	7.6	23.8	7.2	4224	7.54	7.4	FS	27
1974	690379	36	6	9/11/1974	0:26	3.7	23.7	7	4129	7.56	6.5	FS	27
1974	690380	37	6	9/11/1974	0:38	3.7	23.5	6.9	3966	7.55	7.2	FS	27
1974	690381	37	6	9/11/1974	0:50	3	23.8	7.1	3737	7.6	9.1	FS	27
1974	690382	36	6	9/11/1974	1:04	3	23.6	6.9	4009	7.6	7.1	FS	27
1974	690383	36	6	9/11/1974	1:17	4	23.5	6.8	3889	7.59	7.1	FS	27
1974	690384	36	4	9/11/1974	1:32	3	24	6.8	3569	7.57	9.6	FS	27
1974	690385	36	4	9/11/1974	1:50	4	24	6.9	3212	7.48	8.9	FS	27
1974	690386	36	5	9/11/1974	2:01	10.1	23.3	6.7	5197	7.49	6.5	FS	27
1974	690388	35	5	9/11/1974	2:23	9.8	23.4	6.6	5238	7.55	5.3	FS	27
1974	690389	35	6	9/11/1974	2:36	3.4	23.6	6.9	4112	7.6	7.6	FS	27
1974	690390	35	6	9/11/1974	2:58	3.4	23.5	7.2	3863	7.58	5.4	FS	27
1974	690391	34	6	9/11/1974	3:08	4.6	23.3	7.1	3723	7.55	3.3	FS	27
1974	690392	34	4	9/11/1974	3:24	4.9	23.6	6.9	3598	7.57	7.4	FS	27
1974	690393	33	4	9/11/1974	3:44	4.6	23.7	7.1	3796	7.61	5.3	FS	27
1974	690394	34	6	9/11/1974	3:58	4	23.9	6.9	4598	7.52	6.7	FS	27
1974	690395	34	6	9/11/1974	4:05	4	23.5	6.9	4198	7.58	7.6	FS	27
1974	690396	33	6	9/11/1974	4:27	4.6	23.8	6.6	4428	7.55	9.4	FS	27
1974	690397	32	6	9/11/1974	4:40	3	23.3	7	4551	7.58	6.8	FS	27
1974	690398	32	6	9/11/1974	4:51	3	23.2	6.8	5182	7.57	5.7	FS	27
1974	690399	31	6	9/11/1974	5:03	4	23.4	6.8	5161	7.61	5.7	FS	27
1974	690400	31	6	9/11/1974	5:15	4	23.2	6.9	5907	7.58	5.8	FS	27
1974	690401	18	4	9/11/1974	21:18	4	23.7	3.9	19236	7.25	7.6	FS	27
1974	690402	17	4	9/11/1974	21:30	4.3	23.4	3.4	20643	7.25	11	FS	27

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690403	17	4	9/11/1974	21:46	4.6	23.5	4.3	18541	7.31	13	FS	27
1974	690404	16	4	9/11/1974	21:59	4.6	23.4	3.5	20540	7.28	22	FS	27
1974	690405	16	4	9/11/1974	22:10	3.7	23.5	3.5	21116	7.29	20	FS	27
1974	690406	15	4	9/11/1974	22:26	4.9	23.5	2.9	23486	7.21	22	FS	27
1974	690407	15	4	9/11/1974	22:36	4.6	23.5	3.5	20086	7.28	17	FS	27
1974	690408	14	4	9/11/1974	22:50	4.6	23.6	2.9	21588	7.25	34	FS	27
1974	690409	19	4	9/11/1974	23:37	4.6	23.9	5.6	15225	7.41	17	FS	27
1974	690410	20	4	9/11/1974	23:48	4.9	24	5.3	15297	7.35	24	FS	27
1974	690411	20	4	9/11/1974	23:57	4	24	5.8	13563	7.38	24	FS	27
1974	690412	21	4	9/12/1974	0:10	4.6	24	5.5	11626	7.4	15	FS	27
1974	690413	22	4	9/12/1974	0:20	4.6	24	6	12340	7.42	13	FS	27
1974	690414	22	4	9/12/1974	0:33	3	24.2	7.1	10157	7.54	13	FS	27
1974	690415	22	4	9/12/1974	0:41	5.8	23.9	6.2	10729	7.44	17	FS	27
1974	690416	23	4	9/12/1974	0:49	5.2	24	6.8	10198	7.48	22	FS	27
1974	690417	24	4	9/12/1974	1:00	3.7	24.3	7.3	8718	7.54	17	FS	27
1974	690418	24	4	9/12/1974	1:13	6.1	24.2	7	9649	7.57	19	FS	27
1974	690419	25	4	9/12/1974	1:28	6.1	24.4	7.3	8093	7.6	11	FS	27
1974	690420	25	6	9/12/1974	1:43	3	24.7	6.9	10861	7.53	6.6	FS	27
1974	690421	26	6	9/12/1974	1:55	2.4	23.9	6.3	10525	7.55	7.1	FS	27
1974	690422	26	4	9/12/1974	2:10	4.6	24.1	7.1	8142	7.53	15	FS	27
1974	690423	26	4	9/12/1974	2:21	4.6	24.3	7.1	7907	7.6	16	FS	27
1974	690424	26	4	9/12/1974	2:30	2.7	24	7.3	7547	7.55	10	FS	27
1974	690425	28	4	9/12/1974	2:51	3.4	23.8	6.8	8396	7.51	5.4	FS	27
1974	690426	28	4	9/12/1974	3:00	3.7	24	7.1	8158	7.53	6.4	FS	27
1974	690427	28	4	9/12/1974	3:12	5.8	23.8	6.8	8293	7.58	5.3	FS	27
1974	690428	28	5	9/12/1974	3:21	9.1	23.7	6.6	8413	7.51	5.3	FS	27
1974	690429	28	6	9/12/1974	3:35	3	23.7	7.3	6669	7.55	4.9	FS	27
1974	690430	29	4	9/12/1974	3:51	4	23.5	7.6	7932	7.52	6.3	FS	27
1974	690431	29	4	9/12/1974	4:03	4	23.8	7.9	8089	7.54	4.7	FS	27
1974	690432	29	4	9/12/1974	4:16	5.2	23.5	8.2	8035	7.52	5.1	FS	27
1974	690433	30	4	9/12/1974	4:27	4.6	23.5	7	8138	7.53	4.4	FS	27
1974	690434	30	4	9/12/1974	4:39	3.7	23.3	7.4	8170	7.53	3.5	FS	27
1974	690435	30	4	9/12/1974	4:52	6.1	23.5	7.8	7932	7.5	3.5	FS	27
1974	690436	29	6	9/12/1974	5:09	3.7	23.3	8	7033	7.53	3	FS	27
1974	690438	31	4	9/12/1974	21:11	5.5	24	7	7750	7.61	4.4	FS	27
1974	690439	31	4	9/12/1974	21:20	4.6	24.5	7.1	7976	7.6	4.5	FS	27
1974	690440	31	4	9/12/1974	21:27	4.9	24.5	7.2	7976	7.6	6	FS	27
1974	690441	30	4	9/12/1974	21:36	4.6	24.2	7	8329	7.6	4.9	FS	27
1974	690442	30	4	9/12/1974	21:49	4.9	24.1	7.3	7531	7.61	6.5	FS	27
1974	690443	30	6	9/12/1974	22:06	3.7	24.1	7	8244	7.6	4.4	FS	27
1974	690444	30	5	9/12/1974	22:16	7.6	23.9	6	11956	7.4	5.2	FS	27
1974	690445	31	5	9/12/1974	22:27	9.1	24.1	7.2	10381	7.45	5.2	FS	27
1974	690446	67	5	9/16/1974	20:25	20.7	21.5	7.3	225	7.4	11	FS	28
1974	690447	72	5	9/16/1974	21:15	21.3	21	0	222	7.5	10	FS	28
1974	690448	73	5	9/16/1974	21:30	20.7	21.5	0	217	7.4	12	FS	28
1974	690449	75	5	9/16/1974	21:47	18.6	21.1	0	217	7.3	6.5	FS	28
1974	690450	62	5	9/16/1974	23:11	15.2	21.5	0	226	7.6	7.2	FS	28
1974	690451	61	5	9/16/1974	23:30	12.2	22	0	224	7.6	15	FS	28
1974	690452	60	6	9/16/1974	23:50	5.2	22	0	223	7.6	6.8	FS	28
1974	690453	59	6	9/17/1974	0:05	2.4	22	0	223	7.7	7.2	FS	28
1974	690454	57	6	9/17/1974	0:20	2.4	22	0	229	7.6	11	FS	28
1974	690455	57	4	9/17/1974	0:41	5.2	22	0	223	7.6	6.5	FS	28
1974	690456	57	5	9/17/1974	0:53	7.6	22	0	223	7.61	9.7	FS	28
1974	690457	56	5	9/17/1974	1:05	18.9	22.1	0	234	7.61	32	FS	28
1974	690458	57	6	9/17/1974	1:20	4.9	22	0	235	7.61	12	FS	28
1974	690459	55	5	9/17/1974	1:33	15.8	22	0	243	7.6	14	FS	28
1974	690460	54	5	9/17/1974	1:45	18.9	22.1	0	244	7.5	16	FS	28
1974	690462	53	5	9/17/1974	2:18	13.7	22.1	0	281	7.6	8.4	FS	28
1974	690463	51	5	9/17/1974	2:37	21.3	22	0	454	7.5	12	FS	28

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1974	690464	47	5	9/17/1974	3:18	33.5	22.1	0	657	7.4	11	FS	28
1974	690465	45	5	9/17/1974	3:42	36.6	22.4	0	1064	7.5	11	FS	28
1974	690466	44	5	9/17/1974	4:00	22.9	22.4	0	1274	7.4	14	FS	28
1974	690467	44	6	9/17/1974	4:22	3	22	0	1380	7.55	5.8	FS	28
1974	690468	43	6	9/17/1974	4:35	2.4	22	0	1115	7.5	7.5	FS	28
1974	690469	43	5	9/17/1974	4:48	21.3	22.4	0	1506	7.52	22	FS	28
1974	690470	41	5	9/17/1974	5:07	21.3	22.1	0	1907	7.51	23	FS	28
1974	690471	41	5	9/17/1974	5:20	16.5	22.1	0	1695	7.55	16	FS	28
1974	690472	14	4	9/17/1974	20:10	5.2	22.1	4.7	14941	7.3	19	FS	28
1974	690473	15	4	9/17/1974	20:20	4.9	22.1	4.9	14835	7.35	24	FS	28
1974	690474	15	4	9/17/1974	20:30	5.2	22	5	14653	7.3	27	FS	28
1974	690475	15	4	9/17/1974	20:40	6.1	22	5	14334	7.3	40	FS	28
1974	690476	16	4	9/17/1974	20:50	5.2	22	5.2	13910	7.3	24	FS	28
1974	690477	16	4	9/17/1974	20:58	6.1	22.1	5.2	13775	7.31	34	FS	28
1974	690478	16	4	9/17/1974	21:10	5.8	22	5.2	13803	7.3	47	FS	28
1974	690479	17	4	9/17/1974	21:18	5.5	22	5.2	13697	7.3	36	FS	28
1974	690480	17	5	9/17/1974	21:25	7.6	22	5.3	13166	7.4	35	FS	28
1974	690481	18	4	9/17/1974	21:35	4.9	21.9	5.4	12874	7.31	32	FS	28
1974	690482	18	4	9/17/1974	21:45	4.9	22	5.5	12742	7.4	46	FS	28
1974	690483	19	4	9/17/1974	21:55	6.1	22	5.5	12742	7.4	53	FS	28
1974	690484	20	4	9/17/1974	22:05	5.2	22	5.7	11892	7.4	32	FS	28
1974	690486	21	4	9/17/1974	22:20	4.6	21.9	6	11704	7.4	38	FS	28
1974	690487	21	4	9/17/1974	22:30	6.1	22	5.9	11680	7.4	47	FS	28
1974	690488	22	4	9/17/1974	22:37	4.6	21.9	6.1	10852	7.5	31	FS	28
1974	690489	24	4	9/17/1974	22:50	5.5	22	6.7	9556	7.59	35	FS	28
1974	690490	24	4	9/17/1974	23:05	4.6	22	6.7	9556	7.51	50	FS	28
1974	690491	25	4	9/17/1974	23:15	6.1	22	6.7	9662	7.59	28	FS	28
1974	690492	25	4	9/17/1974	23:25	6.1	22	6.8	9556	7.5	26	FS	28
1974	690493	26	4	9/17/1974	23:37	5.2	22	6.8	9556	7.5	16	FS	28
1974	690494	26	4	9/17/1974	23:48	4.3	22	6.9	9131	7.6	23	FS	28
1974	690495	26	4	9/17/1974	23:58	4.6	21.9	6.9	9363	7.5	18	FS	28
1974	690496	26	4	9/18/1974	0:09	4	21.9	6.9	9044	7.5	13	FS	28
1974	690497	26	4	9/18/1974	0:20	3.7	22	7	8707	7.6	12	FS	28
1974	690498	26	6	9/18/1974	0:38	3.7	21.9	6.8	10108	7.5	12	FS	28
1974	690499	25	6	9/18/1974	0:55	3	21.8	7	9382	7.6	7.4	FS	28
1974	690500	28	4	9/18/1974	1:26	3.7	21.2	7.8	7771	7.7	11	FS	28
1974	690502	28	4	9/18/1974	1:50	4.3	21.6	7.4	7815	7.6	9.1	FS	28
1974	690503	28	4	9/18/1974	2:05	4.9	22	7.4	7539	7.61	8.9	FS	28
1974	690504	28	6	9/18/1974	2:18	3.4	21.9	7.4	7448	7.61	5.3	FS	28
1974	690505	29	6	9/18/1974	2:30	3.4	21.8	7.6	6930	7.7	6.2	FS	28
1974	690506	29	4	9/18/1974	2:46	4	21.9	7.3	7554	7.6	7.1	FS	28
1974	690507	29	4	9/18/1974	2:58	4.6	21.9	7.4	7448	7.7	6.7	FS	28
1974	690508	30	5	9/18/1974	3:10	6.7	22	7.1	8282	7.65	6.4	FS	28
1974	690509	30	4	9/18/1974	3:35	3.7	21.5	7.5	6543	7.7	8.1	FS	28
1974	690510	30	4	9/18/1974	3:45	4.3	21.9	7.7	6384	7.7	6.7	FS	28
1974	690511	30	5	9/18/1974	3:55	6.7	22	7.2	7433	7.6	6.4	FS	28
1974	690512	31	4	9/18/1974	4:10	4.9	21.5	7.5	6436	7.6	4.6	FS	28
1974	690513	31	6	9/18/1974	4:25	3.7	21.9	7.8	5001	7.7	5.1	FS	28
1974	690514	31	6	9/18/1974	4:38	3	21.9	7.8	4479	7.71	7.6	FS	28
1974	690515	32	6	9/18/1974	4:48	3.4	21.6	7.8	4582	7.7	7.6	FS	28
1974	690516	40	4	9/18/1974	20:08	3.7	23.1	6.9	1558	7.31	15	FS	28
1974	690517	40	5	9/18/1974	20:20	12.2	23.1	6.8	1360	7.4	11	FS	28
1974	690518	40	6	9/18/1974	20:40	4.6	23	6.9	1540	7.5	12	FS	28
1974	690519	39	4	9/18/1974	21:00	5.2	23.1	7.1	1610	7.4	10	FS	28
1974	690520	38	4	9/18/1974	21:10	4.9	23.3	7	1769	7.5	11	FS	28
1974	690521	39	6	9/18/1974	21:30	3.4	22.9	6.8	2023	7.5	10	FS	28
1974	690522	38	6	9/18/1974	21:40	3.7	23	6.8	1935	7.4	9.7	FS	28
1974	690523	38	5	9/18/1974	21:54	10.1	23	6.8	1769	7.4	11	FS	28
1974	690524	38	5	9/18/1974	22:05	9.4	23	6.8	1665	7.4	13	FS	28

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690525	38	6	9/18/1974	22:20	4.3	22.9	6.8	2002	7.41	8.5	FS	28
1974	690526	38	6	9/18/1974	22:34	3.7	22.5	7.1	3027	7.4	6	FS	28
1974	690527	37	6	9/18/1974	22:45	4	22.5	7	2638	7.4	7	FS	28
1974	690528	37	5	9/18/1974	23:00	6.7	22.8	6.9	2298	7.3	6.2	FS	28
1974	690529	36	6	9/18/1974	23:10	4	22.3	7.1	2659	7.5	5.6	FS	28
1974	690530	36	6	9/18/1974	23:25	4	22.3	7.4	2955	7.5	8.1	FS	28
1974	690531	36	6	9/18/1974	23:42	3.7	22.1	7.5	3370	7.6	8.6	FS	28
1974	690532	35	6	9/19/1974	0:01	3.7	22	7.7	3515	7.6	5.6	FS	28
1974	690533	35	6	9/19/1974	0:12	4.3	22.2	7.4	3892	7.6	6.3	FS	28
1974	690534	35	5	9/19/1974	0:30	11.3	22.2	7.2	3976	7.5	22	FS	28
1974	690535	35	4	9/19/1974	0:42	4.6	22.5	7.2	2733	7.6	6.9	FS	28
1974	690536	35	6	9/19/1974	1:04	4	22	7.4	3854	7.6	4.9	FS	28
1974	690537	35	6	9/19/1974	1:15	3.7	22.2	7.3	3595	7.6	5	FS	28
1974	690538	35	6	9/19/1974	1:24	4.3	22.2	7.4	3807	7.6	6.4	FS	28
1974	690539	34	6	9/19/1974	1:35	4.3	22	7.6	4141	7.6	4.9	FS	28
1974	690540	34	6	9/19/1974	1:45	4.6	22	7.8	4152	7.7	4.7	FS	28
1974	690541	33	6	9/19/1974	2:05	4.6	22	7.4	4449	7.6	7.2	FS	28
1974	690542	33	6	9/19/1974	2:20	4	21.9	7.3	4469	7.6	7.4	FS	28
1974	690543	33	6	9/19/1974	2:33	2.4	21.9	7.5	4458	7.6	5.9	FS	28
1974	690544	32	5	9/19/1974	2:50	9.8	21.9	7.4	5320	7.69	12	FS	28
1974	690545	32	4	9/19/1974	3:05	5.2	21.7	7.4	6196	7.61	9	FS	28
1974	690546	32	5	9/19/1974	3:20	10.4	22	7.4	5309	7.6	13	FS	28
1974	690547	33	4	9/19/1974	3:35	4.6	21.5	7.5	4698	7.6	7.6	FS	28
1974	690548	33	5	9/19/1974	3:48	11.6	21.9	7.5	5128	7.6	7.2	FS	28
1974	690550	76	5	9/23/1974	21:30	18.3	18.8	7.2	241	7.25	5.1	FS	29
1974	690551	72	5	9/23/1974	21:55	17.7	18.9	7.2	226	7.32	5.4	FS	29
1974	690553	67	5	9/23/1974	22:40	15.2	19.8	7.4	214	7.35	4.7	FS	29
1974	690554	64	5	9/23/1974	23:03	15.2	19.2	7.5	215	7.32	6.9	FS	29
1974	690555	62	5	9/23/1974	23:25	12.2	19.6	7.5	213	7.27	13	FS	29
1974	690556	61	5	9/23/1974	23:43	10.7	19.2	7.6	214	7.36	7.4	FS	29
1974	690557	61	6	9/23/1974	23:58	1.8	17	9.1	218	8.06	9.8	FS	29
1974	690558	59	6	9/24/1974	0:20	3	19	8.1	215	7.5	7.4	FS	29
1974	690559	58	6	9/24/1974	0:37	1.2	18.9	8.1	215	7.69	6.2	FS	29
1974	690560	58	6	9/24/1974	0:48	3	18.3	8	214	7.58	8.9	FS	29
1974	690561	57	5	9/24/1974	1:06	10.1	19.3	7.9	213	7.71	9.2	FS	29
1974	690562	57	4	9/24/1974	1:24	3	18.9	7.6	217	7.59	9.8	FS	29
1974	690564	57	4	9/24/1974	1:43	6.1	19.1	7.6	215	7.55	8.1	FS	29
1974	690565	55	5	9/24/1974	2:06	24.4	19.4	7.7	215	7.65	8.8	FS	29
1974	690567	53	5	9/24/1974	2:34	19.8	19	7.7	220	7.44	12	FS	29
1974	690568	53	5	9/24/1974	2:49	25.9	19.6	7.6	220	7.7	11	FS	29
1974	690570	52	5	9/24/1974	3:17	25.9	19.8	7.5	224	7.63	8.5	FS	29
1974	690572	49	5	9/24/1974	4:11	16.8	20	7.3	243	8.45	12	FS	29
1974	690577	45	5	9/24/1974	20:48	37.5	20.8	7	1295	7.48	14	FS	29
1974	690578	44	4	9/24/1974	21:05	2.4	19.9	7.4	486	7.48	7.8	FS	29
1974	690579	44	4	9/24/1974	21:25	4.6	20.2	7.3	859	7.51	8.7	FS	29
1974	690580	44	6	9/24/1974	21:35	6.1	19.9	7.3	665	7.42	9.1	FS	29
1974	690581	43	5	9/24/1974	21:51	13.1	20.1	7.3	496	7.4	8.8	FS	29
1974	690582	42	5	9/24/1974	22:25	7.6	20.1	7.2	1181	7.42	7.1	FS	29
1974	690583	42	4	9/24/1974	22:38	4.6	20.3	7.2	1188	7.56	8.3	FS	29
1974	690584	41	5	9/24/1974	22:53	15.2	20.3	7.2	1748	7.53	11	FS	29
1974	690585	41	5	9/24/1974	23:05	18.3	20.4	7	1953	7.47	11	FS	29
1974	690586	39	4	9/24/1974	23:27	4.6	20.1	7.2	2341	7.62	8.5	FS	29
1974	690587	40	5	9/24/1974	23:40	19.8	20	5.7	8299	7.4	11	FS	29
1974	690588	40	5	9/24/1974	23:53	24.4	20	5.5	7856	8.48	8.9	FS	29
1974	690589	38	4	9/25/1974	1:07	4.6	20.3	6.9	2557	7.45	11	FS	29
1974	690590	38	5	9/25/1974	1:20	9.1	19.9	6.5	5987	7.48	8.1	FS	29
1974	690591	38	6	9/25/1974	1:30	5.5	20.2	7.1	1983	7.52	11	FS	29
1974	690592	38	6	9/25/1974	1:43	3.7	20.2	6.9	2314	7.45	12	FS	29
1974	690593	38	5	9/25/1974	1:54	8.5	19.8	7.4	2133	7.58	10	FS	29

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1974	690594	38	6	9/25/1974	2:07	3.7	20	7.1	2124	7.59	13	FS	29
1974	690595	38	6	9/25/1974	2:17	4.3	20	7	2003	7.6	11	FS	29
1974	690596	37	6	9/25/1974	2:29	3.7	20.1	7	2197	7.6	10	FS	29
1974	690597	37	6	9/25/1974	2:40	3.7	20.1	7.1	2197	7.6	8.8	FS	29
1974	690598	37	5	9/25/1974	2:57	7.6	20.1	6.7	3533	7.55	7.6	FS	29
1974	690599	35	6	9/25/1974	3:15	3.4	19.1	7.7	1455	7.65	6.8	FS	29
1974	690600	35	6	9/25/1974	3:28	3	19.1	7.7	1579	7.62	6.9	FS	29
1974	690601	36	6	9/25/1974	3:43	4	19.8	6.9	2533	7.58	7.4	FS	29
1974	690602	35	6	9/25/1974	3:58	4.6	20.1	7	2882	7.55	6.8	FS	29
1974	690603	36	4	9/25/1974	4:16	4.6	20.3	7.2	1924	7.61	8.1	FS	29
1974	690604	34	6	9/25/1974	4:40	4.6	18.9	7.9	1800	7.7	5.9	FS	29
1974	690605	34	6	9/25/1974	4:52	4.6	18.5	7.9	2398	7.72	7.4	FS	29
1974	690606	34	5	9/25/1974	5:07	12.2	19.9	4.7	13084	7.35	8.5	FS	29
1974	690607	16	4	9/25/1974	20:37	4.6	18.9	6.2	16419	7.4	4.3	FS	29
1974	690608	16	4	9/25/1974	20:58	4.6	18.8	6.5	16680	7.55	5.2	FS	29
1974	690609	16	4	9/25/1974	21:11	5.5	18.7	6.8	15579	7.52	3.7	FS	29
1974	690610	15	4	9/25/1974	21:20	4.3	18.9	5.8	18004	7.39	5.5	FS	29
1974	690611	14	4	9/25/1974	21:30	4.6	19	5.1	20113	7.41	4.9	FS	29
1974	690612	14	4	9/25/1974	21:42	4.6	18.8	6.2	17021	7.5	7	FS	29
1974	690613	17	4	9/25/1974	22:19	4.9	18.9	7	12229	7.56	9.3	FS	29
1974	690614	17	4	9/25/1974	22:30	4.6	18.7	6.9	12395	7.51	9.6	FS	29
1974	690615	18	4	9/25/1974	22:45	4	18.4	6.9	12016	7.52	6.1	FS	29
1974	690616	19	4	9/25/1974	22:53	4.6	18.9	6.1	13701	7.48	12	FS	29
1974	690617	20	4	9/25/1974	23:09	4.6	18.3	7.5	9748	7.6	10	FS	29
1974	690618	20	4	9/25/1974	23:16	4	18.7	7.3	10689	7.56	8.5	FS	29
1974	690619	20	4	9/25/1974	23:25	4.6	18.2	7.7	9079	7.64	8.8	FS	29
1974	690620	21	4	9/25/1974	23:40	3	18.1	8.1	7371	7.65	9	FS	29
1974	690621	23	4	9/25/1974	23:55	2.4	17.4	8.6	6431	7.72	13	FS	29
1974	690622	23	4	9/26/1974	0:04	3.7	18.7	7.2	9211	7.57	16	FS	29
1974	690623	24	4	9/26/1974	0:31	4.3	18.3	8	6996	7.68	22	FS	29
1974	690624	25	4	9/26/1974	0:44	4.3	18.1	8.1	6795	7.8	16	FS	29
1974	690626	25	4	9/26/1974	1:06	6.1	18	8.2	5309	7.75	12	FS	29
1974	690627	25	6	9/26/1974	1:19	3	18.5	7.7	7880	7.53	5.6	FS	29
1974	690628	26	4	9/26/1974	1:33	4.6	18.7	8	4742	7.68	16	FS	29
1974	690629	26	4	9/26/1974	1:45	4	18.6	8.1	4729	7.63	13	FS	29
1974	690630	26	4	9/26/1974	1:56	3.7	18.7	8.2	4230	7.65	12	FS	29
1974	690631	26	4	9/26/1974	2:11	3.7	18.7	8.2	4423	7.73	9.5	FS	29
1974	690632	27	4	9/26/1974	2:24	3.7	18.6	8.3	4245	7.75	5	FS	29
1974	690633	28	4	9/26/1974	2:37	3.7	18.9	7.9	4790	7.61	5.4	FS	29
1974	690634	28	4	9/26/1974	2:47	4	18.8	8	4539	7.68	4.3	FS	29
1974	690635	28	4	9/26/1974	2:55	3.7	18.8	8	4391	7.7	4.7	FS	29
1974	690636	28	4	9/26/1974	3:06	3.7	19	7.5	5311	7.64	4.8	FS	29
1974	690637	28	6	9/26/1974	3:25	3.7	18.3	7.8	4129	7.62	4.6	FS	29
1974	690638	29	6	9/26/1974	3:34	3	18.5	7.7	4111	7.65	5.3	FS	29
1974	690639	29	6	9/26/1974	3:45	3	18.7	7.7	4179	7.63	7.4	FS	29
1974	690640	30	4	9/26/1974	4:07	4.6	19	7.5	5085	7.6	6	FS	29
1974	690641	30	4	9/26/1974	4:22	5.8	18.7	7.9	4776	7.65	9.9	FS	29
1974	690642	30	4	9/26/1974	4:35	4.6	18.9	8.1	4529	7.62	12	FS	29
1974	690643	30	4	9/26/1974	4:48	4.6	19	7.7	4915	7.57	11	FS	29
1974	690644	30	5	9/26/1974	5:02	7.6	19.6	6.8	7252	7.39	6.9	FS	29
1974	690645	30	5	9/26/1974	5:16	12.2	20	7.4	17704	7.2	6.4	FS	29
1974	690646	33	4	9/26/1974	20:45	4.6	20.7	7.9	3043	7.7	6.4	FS	29
1974	690647	32	5	9/26/1974	20:55	9.1	20.4	7.9	4499	7.78	7.1	FS	29
1974	690648	31	4	9/26/1974	21:13	4.6	20	8	3458	7.73	7	FS	29
1974	690649	31	4	9/26/1974	21:22	2.7	19.9	8.2	3670	7.78	6	FS	29
1974	690650	31	6	9/26/1974	21:42	5.5	19.2	8.1	3713	7.71	7.4	FS	29
1974	690651	31	6	9/26/1974	21:58	3.7	19.5	7.7	3880	7.8	5.9	FS	29
1974	690652	32	6	9/26/1974	22:07	3.7	19.7	7.8	3942	7.81	5.8	FS	29
1974	690653	32	6	9/26/1974	22:16	3.7	19.9	7.7	3570	7.76	5.5	FS	29

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1974	690654	32	6	9/26/1974	22:26	3.7	19.8	7.8	3833	7.72	5.6	FS	29
1974	690655	32	6	9/26/1974	22:56	3.7	19.9	7.8	3410	7.78	6	FS	29
1974	690656	33	6	9/26/1974	23:07	3	19.5	8	3488	7.79	7.5	FS	29
1974	690657	33	6	9/26/1974	23:20	3.7	20	7.2	4426	7.63	7.5	FS	29
1974	690658	34	4	9/26/1974	23:44	2.7	20.1	7.6	3589	7.72	6.9	FS	29
1974	690659	34	5	9/26/1974	23:52	13.4	20.4	3.3	18874	7.3	5.9	FS	29
1974	690660	65	5	9/30/1974	20:08	15.8	19.2	7.7	236	7.31	3.4	FS	30
1974	690661	66	5	9/30/1974	20:24	14.6	19	7.8	235	7.4	2.6	FS	30
1974	690662	68	5	9/30/1974	20:45	8.2	19	7.9	236	7.5	3.4	FS	30
1974	690663	72	5	9/30/1974	21:18	18.9	18.4	8	229	7.5	2.4	FS	30
1974	690664	62	5	9/30/1974	22:27	11	19.5	7.9	240	7.4	7.7	FS	30
1974	690665	61	5	9/30/1974	22:45	11.6	19.5	7.8	229	7.4	7.4	FS	30
1974	690666	60	5	9/30/1974	23:00	7	19.1	8.5	224	7.6	3.6	FS	30
1974	690667	60	6	9/30/1974	23:15	3.4	19	8.4	224	7.6	3	FS	30
1974	690668	58	5	9/30/1974	23:30	8.2	19.2	8.1	225	7.6	4.9	FS	30
1974	690669	58	6	9/30/1974	23:42	4.6	19	8.2	225	7.65	3.2	FS	30
1974	690670	57	5	9/30/1974	23:59	6.4	19.1	8.1	223	7.6	3.7	FS	30
1974	690671	57	6	10/1/1974	0:16	3.7	19	8.3	226	7.6	3.5	FS	30
1974	690672	56	6	10/1/1974	0:30	3	19	8.2	226	7.61	3.5	FS	30
1974	690673	54	5	10/1/1974	0:50	25.3	19.1	8.1	237	7.7	5.8	FS	30
1974	690674	54	5	10/1/1974	1:04	7.3	19	8.2	237	7.5	4	FS	30
1974	690675	52	5	10/1/1974	1:22	33.5	19.1	8	394	7.6	7.2	FS	30
1974	690677	49	5	10/1/1974	2:25	24.4	19.5	7.4	1621	7.5	9.3	FS	30
1974	690678	47	5	10/1/1974	2:45	35.4	19.5	7.2	2113	7.45	6	FS	30
1974	690679	46	5	10/1/1974	3:05	38.1	19.6	7.4	1997	7.45	4.1	FS	30
1974	690680	44	4	10/1/1974	3:22	4.6	19.2	7.3	2138	7.6	6.5	FS	30
1974	690681	44	4	10/1/1974	3:31	4.3	19.4	7.3	2118	7.6	2.7	FS	30
1974	690682	43	5	10/1/1974	3:50	22.6	19.8	7	3300	7.6	6.2	FS	30
1974	690683	43	6	10/1/1974	4:12	2.7	18.5	7.4	2512	7.65	3.6	FS	30
1974	690684	41	5	10/1/1974	4:35	12.8	19.5	7	3857	7.55	14	FS	30
1974	690685	40	6	10/1/1974	4:48	6.1	19.4	7	3832	7.55	12	FS	30
1974	690686	40	4	10/1/1974	5:06	4	19.2	7.3	3139	7.5	3.2	FS	30
1974	690687	14	4	10/1/1974	20:20	4.3	19.5	5.5	13641	7.2	6.7	FS	30
1974	690688	14	4	10/1/1974	20:25	4.3	19.8	5.5	13444	7.3	7.3	FS	30
1974	690689	15	4	10/1/1974	20:35	4.6	19.9	5.5	13305	7.4	25	FS	30
1974	690690	15	4	10/1/1974	20:44	5.5	19.8	5.4	13444	7.4	37	FS	30
1974	690691	16	4	10/1/1974	20:53	4.6	19.8	5.4	13333	7.4	25	FS	30
1974	690692	16	4	10/1/1974	21:00	5.8	19.9	5.8	12307	7.31	1.4	FS	30
1974	690693	17	4	10/1/1974	21:08	4.9	19.8	5.8	12333	7.4	8.4	FS	30
1974	690694	17	4	10/1/1974	21:17	4.3	19.5	5.9	12187	7.4	9.8	FS	30
1974	690695	17	4	10/1/1974	21:26	4.3	19.9	6	11975	7.41	28	FS	30
1974	690696	20	4	10/1/1974	21:45	4.6	19.2	6.3	11027	7.4	30	FS	30
1974	690697	21	4	10/1/1974	21:58	3.4	19.1	6.7	10035	7.5	17	FS	30
1974	690698	22	4	10/1/1974	22:08	4.6	19.5	6.4	10398	7.5	19	FS	30
1974	690699	22	4	10/1/1974	22:20	5.8	19.5	6.3	10846	7.5	33	FS	30
1974	690700	23	4	10/1/1974	22:30	4.9	19.5	6.4	10175	7.5	15	FS	30
1974	690701	23	4	10/1/1974	22:46	5.2	19.2	6.6	10014	7.5	13	FS	30
1974	690702	23	4	10/1/1974	23:05	4.9	19.1	6.6	9922	7.5	15	FS	30
1974	690703	24	4	10/1/1974	23:16	4.3	19.1	6.7	9922	7.5	14	FS	30
1974	690704	24	4	10/1/1974	23:27	5.8	19.5	6.8	9616	7.6	18	FS	30
1974	690705	24	6	10/1/1974	23:40	5.5	19.2	7	9339	7.6	3.7	FS	30
1974	690706	25	4	10/1/1974	23:54	5.5	19.2	6.8	9564	7.6	8.7	FS	30
1974	690709	25	4	10/2/1974	0:25	6.1	19.2	6.6	10014	7.55	4.9	FS	30
1974	690710	25	4	10/2/1974	0:37	4.9	19.2	7	9001	7.6	4.3	FS	30
1974	690711	26	4	10/2/1974	0:52	3.7	19.1	7.1	9020	7.6	5.4	FS	30
1974	690712	26	4	10/2/1974	1:02	4	19.2	7.2	9001	7.6	3.2	FS	30
1974	690713	26	4	10/2/1974	1:12	3.4	19.1	7.2	9020	7.6	2.9	FS	30
1974	690714	26	4	10/2/1974	1:24	4.9	19.1	7.1	9020	7.65	5.3	FS	30
1974	690716	26	6	10/2/1974	1:50	2.4	19	7.3	8249	7.69	4.1	FS	30

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1974	690717	25	6	10/2/1974	2:03	2.1	19.2	7	9001	7.6	2.9	FS	30
1974	690718	27	6	10/2/1974	2:30	3	18.9	7.6	7360	7.7	3.9	FS	30
1974	690719	28	4	10/2/1974	2:45	3.4	18.9	7.8	7926	7.7	4.8	FS	30
1974	690720	28	4	10/2/1974	2:58	3.4	19	8.2	6667	7.6	3.9	FS	30
1974	690721	28	4	10/2/1974	3:08	4.6	19	7.6	7684	7.6	9.4	FS	30
1974	690722	28	6	10/2/1974	3:24	2.7	18.9	7.6	6794	7.6	9.5	FS	30
1974	690723	29	6	10/2/1974	3:34	2.4	18.5	7.9	6509	7.7	6.8	FS	30
1974	690725	29	4	10/2/1974	3:54	4	19	7.8	7006	7.7	10	FS	30
1974	690727	30	4	10/2/1974	4:14	5.2	19.1	7.6	6991	7.7	10	FS	30
1974	690728	30	5	10/2/1974	4:27	6.4	19.2	7.6	6864	7.6	12	FS	30
1974	690729	30	4	10/2/1974	4:38	4	19.1	7.6	6878	7.7	10	FS	30
1974	690730	31	4	10/2/1974	4:47	3.7	19.2	7.6	6751	7.7	9.9	FS	30
1974	690731	31	4	10/2/1974	5:00	3.7	19.4	7.6	6723	7.7	9.3	FS	30
1974	690732	31	4	10/2/1974	5:09	3.7	19.2	7.6	6639	7.7	5.9	FS	30
1974	690733	31	5	10/2/1974	5:19	7	19.4	7.5	6162	7.61	8	FS	30
1974	690734	40	6	10/3/1974	20:34	3.7	17.5	8	1773	7.31	11	FS	30
1974	690735	40	5	10/3/1974	20:47	20.7	18	7.3	1731	7.25	11	FS	30
1974	690737	39	5	10/3/1974	21:09	9.1	17.2	7.3	2490	7.21	11	FS	30
1974	690738	39	6	10/3/1974	21:21	2.7	17.2	7.4	2795	7.3	9	FS	30
1974	690739	38	6	10/3/1974	21:33	2.7	17	7.6	3774	7.39	8	FS	30
1974	690740	38	6	10/3/1974	21:45	3.7	17	7.4	2477	7.4	7	FS	30
1974	690741	38	5	10/3/1974	21:56	10.1	17.5	7.3	2100	7.4	9	FS	30
1974	690742	38	4	10/3/1974	22:10	5.5	17	7.5	2182	7.39	7	FS	30
1974	690744	37	5	10/3/1974	22:30	7.3	17.1	7.6	2836	7.39	6.5	FS	30
1974	690745	37	4	10/3/1974	22:43	4.3	17.1	7.6	3189	7.3	8	FS	30
1974	690746	36	4	10/3/1974	22:53	3.4	17.1	7.7	3319	7.4	7.8	FS	30
1974	690747	35	4	10/3/1974	23:09	3.7	17.1	7.6	3507	7.31	8.7	FS	30
1974	690748	36	5	10/3/1974	23:25	7.6	17.2	7.4	3041	7.35	8.3	FS	30
1974	690749	36	6	10/3/1974	23:35	4	17	7.5	2819	7.4	9	FS	30
1974	690750	37	6	10/3/1974	23:50	3.4	16.8	7.9	3530	7.41	4.5	FS	30
1974	690751	36	6	10/4/1974	0:02	3	16	8.3	4015	7.45	4	FS	30
1974	690752	36	6	10/4/1974	0:17	3	16.9	8	3676	7.4	4.2	FS	30
1974	690753	35	6	10/4/1974	0:30	3	16.5	8.2	4650	7.31	4.8	FS	30
1974	690754	35	6	10/4/1974	0:40	3	15.9	8.5	4108	7.5	7.4	FS	30
1974	690755	35	6	10/4/1974	0:50	3.4	16	8.5	4099	7.5	8.3	FS	30
1974	690756	34	6	10/4/1974	0:58	3	15.8	8.6	4420	7.4	9.7	FS	30
1974	690757	34	6	10/4/1974	1:07	3.4	16.5	8.2	4781	7.5	7.4	FS	30
1974	690758	34	6	10/4/1974	1:18	4	15	8.8	4586	7.5	7	FS	30
1974	690759	33	4	10/4/1974	1:35	4	16	8.2	5485	7.4	6.5	FS	30
1974	690760	34	5	10/4/1974	1:48	9.8	16.5	8.2	5401	7.4	7.9	FS	30
1974	690761	33	5	10/4/1974	2:05	10.1	16.5	8.1	5366	7.4	10	FS	30
1974	690762	33	6	10/4/1974	2:20	2.4	16.5	8.3	5103	7.4	7.9	FS	30
1974	690763	32	6	10/4/1974	2:30	2.4	15.1	8.8	4920	7.39	7	FS	30
1974	690764	32	6	10/4/1974	2:40	3	16	8.4	5172	7.5	7.6	FS	30
1974	690765	32	5	10/4/1974	2:55	9.8	15.5	8.7	5242	7.5	4.9	FS	30
1974	690766	30	6	10/4/1974	3:12	3	15.5	8.3	5108	7.4	8.7	FS	30
1974	690767	31	6	10/4/1974	3:24	3	15.5	8.5	5132	7.4	7.5	FS	30
1974	690768	14	4	10/7/1974	20:22	4.6	18.5	5.4	15406	7.35	32	FS	31
1974	690769	15	4	10/7/1974	20:34	4.3	18.4	5.9	12694	7.4	35	FS	31
1974	690770	15	4	10/7/1974	20:41	4.6	18	6.4	12343	7.49	59	FS	31
1974	690771	16	4	10/7/1974	20:54	4.6	18.8	6.6	11225	7.45	42	FS	31
1974	690772	16	4	10/7/1974	21:03	4.9	17.9	6.5	11444	7.62	38	FS	31
1974	690773	17	4	10/7/1974	21:14	5.2	18	6.7	10728	7.68	32	FS	31
1974	690774	17	4	10/7/1974	21:26	4.3	17.9	6.9	10288	7.71	26	FS	31
1974	690775	18	4	10/7/1974	21:34	4.3	17.9	6.9	10057	7.62	23	FS	31
1974	690776	19	4	10/7/1974	21:46	4.6	18.1	7.1	9208	7.68	21	FS	31
1974	690777	19	4	10/7/1974	21:55	4.3	18	7.3	8075	7.72	21	FS	31
1974	690778	19	4	10/7/1974	22:02	4	17.8	7.1	8805	7.7	22	FS	31
1974	690779	20	4	10/7/1974	22:23	4.3	17.3	7.4	7612	7.88	16	FS	31

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690780	21	4	10/7/1974	22:36	4.6	17.3	7.5	7261	7.89	16	FS	31
1974	690782	21	4	10/7/1974	23:13	4.6	17.3	7.8	7144	7.85	16	FS	31
1974	690783	22	4	10/7/1974	23:27	4.6	17	8.1	6719	7.65	20	FS	31
1974	690784	22	4	10/7/1974	23:38	3.7	17.1	8.2	6116	7.81	21	FS	31
1974	690785	24	4	10/7/1974	23:53	5.5	17	9.2	5776	7.79	14	FS	31
1974	690786	24	6	10/8/1974	0:09	3	17	8.1	825	7.17	7.5	FS	31
1974	690787	24	4	10/8/1974	0:24	4.6	16.9	8.2	5730	7.75	10	FS	31
1974	690788	24	4	10/8/1974	0:40	4.6	16.9	8.2	5700	7.74	13	FS	31
1974	690789	25	4	10/8/1974	0:54	5.8	16.8	8.2	5576	7.82	18	FS	31
1974	690790	25	4	10/8/1974	1:11	6.1	17.1	8.2	5352	7.38	11	FS	31
1974	690791	26	4	10/8/1974	1:20	4.6	17.1	8.4	5175	7.78	15	FS	31
1974	690792	26	4	10/8/1974	1:29	3.7	16.8	8.5	5067	7.81	14	FS	31
1974	690793	26	4	10/8/1974	1:41	3.7	16.9	8.4	4903	7.65	17	FS	31
1974	690796	26	4	10/8/1974	2:11	6.1	17.4	8.3	4908	7.65	13	FS	31
1974	690797	28	6	10/8/1974	2:34	3	17.6	8.3	4829	7.78	11	FS	31
1974	690798	28	4	10/8/1974	2:46	4.6	17	8.5	4479	7.84	15	FS	31
1974	690799	29	4	10/8/1974	2:58	3.7	17.1	8.4	4787	7.82	11	FS	31
1974	690800	29	4	10/8/1974	3:06	4.6	17.2	8.4	4436	7.93	11	FS	31
1974	690801	28	5	10/8/1974	3:19	11.3	17.4	8.3	4499	7.9	15	FS	31
1974	690802	29	6	10/8/1974	3:31	3.7	16.8	8.3	4736	7.59	10	FS	31
1974	690803	29	6	10/8/1974	3:44	3	17.2	8.3	4436	7.82	8	FS	31
1974	690804	29	4	10/8/1974	4:02	4.3	17.1	8.4	4823	7.8	8.5	FS	31
1974	690805	30	4	10/8/1974	4:11	4.6	17	8.4	4656	7.81	10	FS	31
1974	690806	30	4	10/8/1974	4:24	4.3	17	8.4	4821	7.88	9	FS	31
1974	690807	30	4	10/8/1974	4:34	4.6	16.9	8.5	4489	7.79	8	FS	31
1974	690808	30	4	10/8/1974	4:46	5.5	17	8.5	4244	7.81	11	FS	31
1974	690809	31	4	10/8/1974	4:56	5.5	17.3	8.3	4122	7.73	11	FS	31
1974	690810	30	6	10/8/1974	5:13	3.4	17	8.4	4232	7.64	9.9	FS	31
1974	690811	31	6	10/8/1974	5:25	3.4	17.1	8.4	3858	7.83	9	FS	31
1974	690812	31	6	10/8/1974	5:34	3	17.2	8.2	3650	7.83	9.6	FS	31
1974	690813	32	6	10/8/1974	5:44	3	16.9	8	3769	7.85	7.8	FS	31
1974	690814	31	5	10/8/1974	5:54	8.5	17.1	8.3	5793	7.87	14	FS	31
1974	690815	32	4	10/8/1974	20:42	4.6	16.7	8.9	2278	7.63	10	FS	31
1974	690816	32	6	10/8/1974	20:53	4.6	16.7	8.8	2462	7.71	9	FS	31
1974	690817	32	6	10/8/1974	21:08	3	16.5	8.9	2503	7.78	10	FS	31
1974	690818	32	6	10/8/1974	21:18	3	16.8	9.2	3789	7.75	8	FS	31
1974	690819	33	6	10/8/1974	21:28	2.7	16.3	9.4	3579	7.78	7.2	FS	31
1974	690820	33	6	10/8/1974	21:38	1.8	16	9.1	3832	7.88	5.6	FS	31
1974	690821	34	6	10/8/1974	22:00	3	16.3	9	3256	7.72	9.1	FS	31
1974	690822	34	6	10/8/1974	22:09	3.7	16.4	9	3320	7.8	8.5	FS	31
1974	690823	34	5	10/8/1974	22:23	12.2	16.8	8.8	4049	7.79	9.2	FS	31
1974	690824	35	4	10/8/1974	22:43	3.7	17	8.6	2947	7.72	14	FS	31
1974	690825	36	4	10/8/1974	22:54	3.7	17.4	8.5	3073	7.7	11	FS	31
1974	690826	35	6	10/8/1974	23:10	3.4	16.9	8.7	3095	7.68	14	FS	31
1974	690827	35	6	10/8/1974	23:19	3	17	8.7	3171	7.65	15	FS	31
1974	690828	36	6	10/8/1974	23:27	3	17	8.7	3088	7.57	16	FS	31
1974	690829	36	6	10/8/1974	23:37	3	17	8.6	3195	7.72	10	FS	31
1974	690830	35	6	10/8/1974	23:47	3	17.1	8.6	3152	7.75	11	FS	31
1974	690831	35	6	10/8/1974	23:59	2.4	16.9	8.8	2481	7.68	7.1	FS	31
1974	690832	36	6	10/9/1974	0:09	2.7	16.7	8.7	2444	7.77	7.9	FS	31
1974	690833	37	6	10/9/1974	0:22	3	17.1	8.7	2447	7.67	13	FS	31
1974	690834	37	6	10/9/1974	0:34	4.6	17.3	8.4	2459	7.65	14	FS	31
1974	690835	36	5	10/9/1974	0:43	7.6	17.5	8.3	2332	7.62	11	FS	31
1974	690836	37	4	10/9/1974	0:57	4.3	17.7	8.4	2287	7.62	15	FS	31
1974	690837	37	6	10/9/1974	1:17	3	17.3	8.1	2424	7.57	10	FS	31
1974	690838	38	6	10/9/1974	1:26	3.7	17.5	8.1	1831	7.63	9.1	FS	31
1974	690840	38	5	10/9/1974	1:48	12.2	17.6	8.2	1454	7.6	19	FS	31
1974	690841	39	4	10/9/1974	2:00	4.6	17.7	8.2	1405	7.58	8.3	FS	31
1974	690843	39	6	10/9/1974	2:25	3	17.3	8.2	1956	7.61	7.2	FS	31

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	690844	40	6	10/9/1974	2:37	3.4	17.3	8.4	1499	7.55	8.8	FS	31
1974	690845	40	6	10/9/1974	2:47	4.6	17.6	8.3	1385	7.58	9	FS	31
1974	690846	40	5	10/9/1974	3:00	12.2	17.8	8	1159	7.53	9	FS	31
1974	690847	40	5	10/9/1974	3:15	18.3	17.4	8.2	935	7.57	8.7	FS	31
1974	690848	41	5	10/9/1974	3:32	15.2	17.3	8	1066	7.57	9.6	FS	31
1974	690849	42	5	10/9/1974	3:47	6.7	17.3	8	773	7.59	8.7	FS	31
1974	690850	42	4	10/9/1974	3:59	3	17.2	8	798	7.58	8.5	FS	31
1974	690851	43	5	10/9/1974	4:16	9.1	17.3	8	785	7.57	12	FS	31
1974	690852	43	6	10/9/1974	4:31	2.4	16.9	8.1	569	7.57	10	FS	31
1974	690854	44	5	10/9/1974	4:50	21.3	17.4	7.8	689	7.48	17	FS	31
1974	690855	45	5	10/9/1974	20:00	35.1	17.9	7.9	10635	7.51	15	FS	31
1974	690856	47	5	10/9/1974	20:10	30.5	17.7	8.1	685	7.48	16	FS	31
1974	690857	48	5	10/9/1974	20:25	16.8	17.7	8.1	536	7.46	13	FS	31
1974	690858	50	5	10/9/1974	20:48	30.5	17.7	8.2	463	7.5	15	FS	31
1974	690859	53	5	10/9/1974	21:23	21.3	17.4	8.3	276	7.49	7.5	FS	31
1974	690860	55	5	10/9/1974	21:42	15.2	17.3	8.5	262	7.55	6.3	FS	31
1974	690861	56	4	10/9/1974	21:58	4.6	17	8.8	259	7.5	5.5	FS	31
1974	690862	57	4	10/9/1974	22:09	3	17.1	8.8	268	7.58	5.7	FS	31
1974	690863	58	5	10/9/1974	22:21	12.2	17.1	8.7	265	7.58	5.6	FS	31
1974	690864	58	6	10/9/1974	22:38	3.7	17.1	9	267	7.53	8.3	FS	31
1974	690865	58	6	10/9/1974	22:47	3	17	9.2	259	7.63	6.7	FS	31
1974	690866	59	6	10/9/1974	23:01	4.6	17.1	9.2	256	7.6	6.8	FS	31
1974	690867	60	5	10/9/1974	23:11	10.7	17.1	8.8	269	7.56	7.9	FS	31
1974	690868	60	6	10/9/1974	23:21	6.1	16.9	9.5	268	7.61	7.6	FS	31
1974	690869	65	5	10/10/1974	0:01	13.7	17.1	8.6	260	7.55	8.7	FS	31
1974	690870	65	5	10/10/1974	0:10	12.2	17	8.6	272	7.5	9.8	FS	31
1974	690871	68	5	10/10/1974	0:36	13.7	17	8.5	271	7.5	8.1	FS	31
1974	690872	73	5	10/10/1974	1:24	30.5	16.5	8.6	262	7.38	13	FS	31
1974	690873	75	5	10/10/1974	1:39	19.8	16.5	8.6	244	7.4	13	FS	31
1974	690874	67	5	10/14/1974	20:08	15.2	17.5	8.6	420	7.21	8	FS	32
1974	690875	68	5	10/14/1974	20:23	14.3	17.2	8.5	408	7.3	3.5	FS	32
1974	690876	76	5	10/14/1974	21:22	17.1	16.5	9.3	380	7.3	4.8	FS	32
1974	690877	65	5	10/14/1974	22:47	13.7	18	8.7	390	7.3	9.6	FS	32
1974	690878	63	5	10/14/1974	23:14	8.2	18	9.2	367	7.4	22	FS	32
1974	690879	61	6	10/14/1974	23:35	3.7	17.9	9.4	381	7.5	8.1	FS	32
1974	690880	59	6	10/14/1974	23:58	3.7	18	9.4	380	7.49	5.4	FS	32
1974	690881	59	5	10/15/1974	0:10	10.4	18	9.1	358	7.4	16	FS	32
1974	690882	57	6	10/15/1974	0:25	3.4	18	9.1	367	7.5	6.8	FS	32
1974	690883	57	5	10/15/1974	0:36	10.4	18	8.8	352	7.45	9.8	FS	32
1974	690884	57	4	10/15/1974	0:53	5.2	18	9	356	7.5	4	FS	32
1974	690885	57	5	10/15/1974	1:04	8.2	18	8.8	335	7.5	6.4	FS	32
1974	690886	57	6	10/15/1974	1:21	3.7	18	8.9	346	7.4	4.5	FS	32
1974	690887	53	5	10/15/1974	1:53	25	18	8.5	398	7.4	7.1	FS	32
1974	690888	51	5	10/15/1974	2:14	21.3	18.1	8.3	517	7.35	6.8	FS	32
1974	690889	49	5	10/15/1974	2:32	19.8	18.1	8.3	679	7.4	14	FS	32
1974	690890	48	5	10/15/1974	2:50	22.3	18.1	8.2	691	7.4	15	FS	32
1974	690891	48	5	10/15/1974	3:05	21.3	18	8.2	634	7.4	6.1	FS	32
1974	690892	44	4	10/15/1974	3:40	4.3	18.3	8.3	882	7.31	11	FS	32
1974	690893	43	5	10/15/1974	4:06	15.2	18.2	8.3	1631	7.4	19	FS	32
1974	690895	43	5	10/15/1974	4:45	18.3	18	8.2	1096	7.4	15	FS	32
1974	690896	42	5	10/15/1974	5:04	17.7	18.1	8.2	1151	7.4	15	FS	32
1974	690897	42	4	10/15/1974	5:20	4.6	18.1	8.2	1381	7.41	10	FS	32
1974	690898	41	5	10/15/1974	5:32	12.8	18.2	8.2	1149	7.42	13	FS	32
1974	690900	40	5	10/15/1974	5:55	21.9	18	8.2	1500	7.42	18	FS	32
1974	690901	14	4	10/15/1974	20:00	4	18.9	5.9	15727	7.3	25	FS	32
1974	690904	40	6	10/16/1974	2:06	4	17.6	8.3	2339	7.65	5.5	FS	32
1974	690905	40	6	10/16/1974	2:18	4.3	17.8	8.4	2433	7.7	6	FS	32
1974	690907	39	6	10/16/1974	2:34	4.6	17.9	8.3	2312	7.71	7	FS	32
1974	690908	39	4	10/16/1974	2:48	3.4	18	8.3	1903		11	FS	32

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1974	690909	38	5	10/16/1974	2:58	6.4	18	8.2	2422	7.6	12	FS	32
1974	690910	39	5	10/16/1974	3:18	9.1	17.5	8.4	2915	7.6	6.4	FS	32
1974	690911	38	6	10/16/1974	3:35	3	17.5	8.3	2670	7.6	8.5	FS	32
1974	690912	37	6	10/16/1974	3:45	2.7	17.3	8.5	3092	7.6	6.1	FS	32
1974	690913	37	6	10/16/1974	3:55	2.7	17.5	8.3	2799	7.6	6.4	FS	32
1974	690914	37	6	10/16/1974	4:05	3.4	17.5	8.3	2857	7.6	8	FS	32
1974	690915	37	6	10/16/1974	4:16	3	17.5	8.4	2775	7.6	9.3	FS	32
1974	690916	37	5	10/16/1974	4:30	7.3	17.4	8.3	3050	7.62	12	FS	32
1974	690917	37	4	10/16/1974	4:46	3	18	8.4	2399	7.59	27	FS	32
1974	690918	36	5	10/16/1974	5:00	7.3	17.5	8.5	3207	7.6	14	FS	32
1974	690919	36	6	10/16/1974	5:20	2.1	17.5	8.6	3498	7.69	12	FS	32
1974	690920	36	6	10/16/1974	5:30	2.1	17.1	8.6	3364	7.68	13	FS	32
1974	690921	35	6	10/16/1974	5:44	2.1	17	8.8	3525	7.7	7.4	FS	32
1974	690922	34	6	10/16/1974	5:51	3	17	7.9	3678	7.7	7	FS	32
1974	690923	14	4	10/16/1974	20:00	4.9	16	7	6989	7.48	15	FS	32
1974	690924	15	4	10/16/1974	20:17	5.2	16	7	14459	7.55	13	FS	32
1974	690925	15	4	10/16/1974	20:30	5.5	15.9	6.9	14612	7.53	58	FS	32
1974	690926	17	4	10/16/1974	20:45	5.5	16	7.3	13375	7.61	35	FS	32
1974	690927	17	5	10/16/1974	21:00	6.4	16.1	7.4	13225	7.59	33	FS	32
1974	690929	17	4	10/16/1974	21:20	6.1	16	7.2	13375	7.62	64	FS	32
1974	690930	18	4	10/16/1974	21:35	5.5	16	7.1	13616	7.65	70	FS	32
1974	690931	18	4	10/16/1974	21:46	5.5	15.9	7.4	12921	7.65	63	FS	32
1974	690932	19	4	10/16/1974	22:00	5.8	15.9	7.3	13042	7.57	49	FS	32
1974	690933	19	4	10/16/1974	22:10	5.8	15.8	7.5	12345	7.68	62	FS	32
1974	690934	20	4	10/16/1974	22:23	5.5	15.7	7.5	12372	7.7	79	FS	32
1974	690935	20	4	10/16/1974	22:37	5.8	15.8	7.5	11982	7.68	44	FS	32
1974	690936	22	4	10/16/1974	22:50	5.2	16	7.4	11929	7.66	30	FS	32
1974	690937	22	4	10/16/1974	23:16	4.9	16	7.6	11326	7.69	44	FS	32
1974	690938	23	4	10/16/1974	23:35	5.2	15.9	8.2	9902	7.71	23	FS	32
1974	690939	24	4	10/16/1974	23:54	5.5	15.9	7.9	10627	7.72	23	FS	32
1974	690940	24	4	10/17/1974	0:10	4.9	15.9	8	9782	7.67	20	FS	32
1974	690941	25	4	10/17/1974	0:28	5.5	15.9	8.2	9540	7.69	11	FS	32
1974	690942	25	4	10/17/1974	0:42	5.2	15.9	8.2	9299	7.75	12	FS	32
1974	690943	26	4	10/17/1974	0:58	4.9	15.8	8.4	9077	7.78	12	FS	32
1974	690945	26	4	10/17/1974	1:18	4.3	15.9	8.7	8091	7.8	6	FS	32
1974	690947	26	4	10/17/1974	1:40	3.7	16	8.4	8555	7.8	6	FS	32
1974	690948	26	6	10/17/1974	1:58	2.4	16	8.4	8435	7.78	4	FS	32
1974	690949	26	6	10/17/1974	2:08	2.1	16	8.3	8555	7.78	5.1	FS	32
1974	690950	28	6	10/17/1974	2:39	3	15.9	8.9	6159	7.79	4.7	FS	32
1974	690951	29	6	10/17/1974	2:50	2.7	16.2	8.8	6118	7.75	5.4	FS	32
1974	690952	29	5	10/17/1974	3:05	12.2	16.2	8.6	7798	7.67	4.7	FS	32
1974	690953	29	4	10/17/1974	3:17	4.9	15.9	8.7	6038	7.8	5.5	FS	32
1974	690954	29	4	10/17/1974	3:30	4.6	16	8.8	6386	7.81	5.5	FS	32
1974	690955	28	4	10/17/1974	3:44	4	16	8.9	6266	7.79	6	FS	32
1974	690956	29	4	10/17/1974	3:56	3.4	16	9	5904	7.8	7.1	FS	32
1974	690957	29	4	10/17/1974	4:08	3.7	15.8	9.1	5930	7.82	8.8	FS	32
1974	690958	30	4	10/17/1974	4:25	3	15.5	9.4	5592	7.92	7.3	FS	32
1974	690960	30	4	10/17/1974	4:45	3.7	15.8	9.3	5325	7.9	15	FS	32
1974	690962	31	4	10/17/1974	5:05	3.7	15.9	9.2	5253	7.83	10	FS	32
1974	690963	30	4	10/17/1974	5:16	6.1	16	9.6	5531	7.86	18	FS	32
1974	690965	30	6	10/17/1974	5:45	2.4	16.1	9.2	4256	7.91	19	FS	32
1974	690967	35	4	10/17/1974	20:08	3.7	16.9	8.9	3485	7.55	11	FS	32
1974	690968	35	4	10/17/1974	20:24	4.6	16.7	8.9	3405	7.58	10	FS	32
1974	690969	34	5	10/17/1974	20:40	12.8	17.1	8.8	3176	7.57	15	FS	32
1974	690970	34	6	10/17/1974	21:02	4	16.7	9.1	3293	7.65	7.9	FS	32
1974	690971	34	6	10/17/1974	21:29	3.7	16.3	9.2	3376	7.7	6.5	FS	32
1974	690972	34	6	10/17/1974	21:45	3.4	16.3	9.2	3507	7.67	5.2	FS	32
1974	690973	34	6	10/17/1974	22:02	3.7	16	9.3	3765	7.68	14	FS	32
1974	690974	33	5	10/17/1974	22:35	13.7	16.4	8.9	4837	7.5	9.2	FS	32

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1974	690975	33	4	10/17/1974	22:57	4.6	16.2	9.2	3863	7.6	7	FS	32
1974	690976	33	4	10/17/1974	23:10	4.3	16.7	8.9	3358	7.57	6	FS	32
1974	690977	32	6	10/17/1974	23:31	4.3	16.9	9	3544	7.62	5.4	FS	32
1974	690978	33	6	10/17/1974	23:47	2.7	16.3	9.3	3890	7.61	6.9	FS	32
1974	690979	33	6	10/17/1974	23:59	2.7	16.2	9.3	4307	7.6	5.4	FS	32
1974	690980	33	6	10/18/1974	0:10	3	16	9.3	3976	7.63	4.5	FS	32
1974	690981	32	6	10/18/1974	0:23	3.4	15.9	9.1	4045	7.53	4.3	FS	32
1974	690982	32	6	10/18/1974	0:37	4	16	9.3	4205	7.61	6	FS	32
1974	690983	31	6	10/18/1974	0:51	3.7	15.9	9.2	4239	7.65	5.1	FS	32
1974	690984	31	5	10/18/1974	1:05	9.1	15.8	9	5918	7.55	15	FS	32
1974	690985	31	4	10/18/1974	1:32	4.6	15.9	9	6280	7.63	6.1	FS	32
1974	690986	69	5	10/21/1974	20:42	15.2	14.6	9.1	196	7.94	4.8	FS	33
1974	690988	70	5	10/21/1974	21:10	16.8	14	9.3	186	6.93	2.3	FS	33
1974	690989	71	5	10/21/1974	21:25	13.7	13.9	9.3	197	7.75	8.5	FS	33
1974	690990	74	5	10/21/1974	21:52	12.2	13.8	9.6	194	7.88	5.6	FS	33
1974	690991	64	5	10/21/1974	22:57	15.2	14.3	9.1	210	7.65	9.4	FS	33
1974	690992	60	6	10/21/1974	23:32	3.7	13.9	9.7	208	7.76	4.1	FS	33
1974	690993	59	5	10/21/1974	23:45	12.2	14.3	9.2	210	7.79	7.8	FS	33
1974	690994	59	6	10/21/1974	23:58	4.6	13.8	9.7	213	7.82	4.1	FS	33
1974	690995	58	6	10/22/1974	0:16	3	13.9	9.6	215	7.89	3.9	FS	33
1974	690996	57	6	10/22/1974	0:30	3	13.9	9.7	217	7.75	4	FS	33
1974	690998	57	4	10/22/1974	1:06	3	14.1	9.2	211	7.7	4.9	FS	33
1974	690999	57	5	10/22/1974	1:19	7.6	14.2	9.2	220	7.72	4.8	FS	33
1974	691000	56	6	10/22/1974	1:38	3	13.7	9.7	218	7.8	3.8	FS	33
1974	691002	53	5	10/22/1974	20:11	21.3	15.3	10	222	7.62		FS	33
1974	691003	52	5	10/22/1974	20:24	45.7	15.5	9.3	229	7.66	5.6	FS	33
1974	691006	52	5	10/22/1974	21:00	21.3	15.5	9.4	238	7.68	7.9	FS	33
1974	691007	50	5	10/22/1974	21:16	21.3	15.6	9.3	247	7.71	4.6	FS	33
1974	691008	48	5	10/22/1974	21:44	24.4	15.6	9.1	274	7.62	5.4	FS	33
1974	691009	46	5	10/22/1974	22:09	33.5	15.9	9.1	284	7.68	9.5	FS	33
1974	691010	44	4	10/22/1974	22:31	4.6	16.2	9.1	349	7.6	7.1	FS	33
1974	691011	43	5	10/22/1974	22:48	27.4	16.3	9	425	7.55	30	FS	33
1974	691012	43	6	10/22/1974	23:02	4.6	16	9.2	534	7.56	10	FS	33
1974	691013	43	6	10/22/1974	23:11	3	15.9	9.1	477	7.67	10	FS	33
1974	691014	42	5	10/22/1974	23:29	9.1	16.1	9.1	358	7.6	19	FS	33
1974	691015	42	4	10/22/1974	23:43	4.6	16.1	9.1	518	7.7	14	FS	33
1974	691016	40	5	10/23/1974	0:01	21.3	15.3	9.1	612	7.48	30	FS	33
1974	691018	40	5	10/23/1974	0:20	9.1	16	9.4	615	7.58	25	FS	33
1974	691019	39	6	10/23/1974	0:38	4.6	15.3	9.4	1126	7.65	14	FS	33
1974	691020	39	5	10/23/1974	0:50	12.2	15.3	9.2	581	7.62	16	FS	33
1974	691021	39	6	10/23/1974	1:03	3	15.5	9.5	1194	7.41	12	FS	33
1974	691022	38	6	10/23/1974	1:14	3	15	9.4	1257	7.65	11	FS	33
1974	691023	38	6	10/23/1974	1:24	4.6	15.3	9.2	918	7.54	12	FS	33
1974	691025	38	6	10/23/1974	1:47	3	14.9	9.5	1531	7.65	10	FS	33
1974	691027	37	6	10/23/1974	2:05	3	15	9.5	1454	7.74	7.8	FS	33
1974	691028	37	6	10/23/1974	2:16	3.4	15.1	9.3	1303	7.59	7.7	FS	33
1974	691029	37	6	10/23/1974	2:26	4.9	15.3	9.2	857	7.45	8.1	FS	33
1974	691030	37	5	10/23/1974	2:35	9.1	15.4	9.7	720	7.55	15	FS	33
1974	691031	37	6	10/23/1974	2:49	3.4	15.1	9.4	1229	7.61	7.1	FS	33
1974	691032	36	6	10/23/1974	2:59	3.4	14.9	9.3	1494	7.7	7	FS	33
1974	691033	35	6	10/23/1974	3:12	2.7	13.9	10.1	1288	7.72	4.9	FS	33
1974	691034	35	6	10/23/1974	3:21	3	13.9	9.9	1263	7.76	4.3	FS	33
1974	691035	35	6	10/23/1974	3:32	3.7	14.3	9.8	1596	7.78	5.3	FS	33
1974	691037	34	6	10/23/1974	3:51	4.9	15	9.4	2119	7.64	6.8	FS	33
1974	691038	34	5	10/23/1974	3:59	12.2	15	9.4	2205	7.7	7	FS	33
1974	691039	34	6	10/23/1974	4:11	3.7	14.3	9.9	1877	7.8	5.3	FS	33
1974	691041	35	4	10/23/1974	4:42	4.6	15.4	9.3	1038	7.62	6.6	FS	33
1974	691042	36	5	10/23/1974	4:52	10.1	14.8	9.3	2723	7.65	16	FS	33
1974	691043	36	4	10/23/1974	5:06	3.4	15.3	9.3	1040	7.69	6.6	FS	33

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1974	691044	37	5	10/23/1974	5:17	7.6	15.3	9.4	1126	7.68	7.1	FS	33
1974	691045	38	4	10/23/1974	5:38	3.7	14.9	9.2	803	7.65	7	FS	33
1974	691046	33	4	10/23/1974	20:03	4.6	15.3	10.1	2288	7.78	4.1	FS	33
1974	691047	33	6	10/23/1974	20:19	4	14.9	10	2309	7.78	5.1	FS	33
1974	691048	33	6	10/23/1974	20:34	2.4	14.8	9.9	2252	7.78	3.8	FS	33
1974	691049	33	6	10/23/1974	20:46	1.8	14	10.4	1462	7.76	4.1	FS	33
1974	691050	33	6	10/23/1974	20:59	2.4	14.8	10.1	2871	7.7	4.5	FS	33
1974	691051	32	6	10/23/1974	21:03	2.7	14.7	9.9	3088	7.68	4.8	FS	33
1974	691052	32	6	10/23/1974	21:18	3	14.9	9.9	2544	7.78	6.5	FS	33
1974	691053	32	6	10/23/1974	21:29	3.7	14.8	9.8	3626	7.71	5.2	FS	33
1974	691054	32	5	10/23/1974	21:42	9.1	14.9	9.5	7162	7.53	6.7	FS	33
1974	691056	32	4	10/23/1974	22:01	3.7	15	9.9	3117	7.79	6.2	FS	33
1974	691057	32	6	10/23/1974	22:17	3	15.1	10.1	2790	7.71	9.1	FS	33
1974	691058	31	6	10/23/1974	22:28	3.7	14.9	9.7	3581	7.68	15	FS	33
1974	691060	31	6	10/23/1974	22:50	3	15	10	3142	7.79	15	FS	33
1974	691061	30	6	10/23/1974	23:04	2.7	14.7	9.8	3498	7.72	7.3	FS	33
1974	691062	30	5	10/23/1974	23:15	9.1	15	9.1	6283	7.7	6.2	FS	33
1974	691063	31	4	10/23/1974	23:33	3.7	15.2	9.6	3471	7.58	7.5	FS	33
1974	691064	31	4	10/23/1974	23:44	3.7	15.1	9.5	3798	7.68	7.8	FS	33
1974	691065	30	4	10/23/1974	23:54	4.3	15.2	9.7	3275	7.68	6.7	FS	33
1974	691066	30	4	10/24/1974	0:07	5.2	15.2	9.2	4845	7.6	7.2	FS	33
1974	691067	30	4	10/24/1974	0:16	3.7	14.8	9.7	4059	7.65	5.8	FS	33
1974	691068	29	4	10/24/1974	0:28	4.3	14.9	9.8	3581	7.72	5.4	FS	33
1974	691069	29	4	10/24/1974	0:38	3.4	15	9.6	4472	7.65	8.3	FS	33
1974	691070	29	4	10/24/1974	0:52	4.6	14.9	9.6	4038	7.59	8.5	FS	33
1974	691071	28	4	10/24/1974	1:01	4.6	14.9	10	4025	7.68	9.4	FS	33
1974	691072	29	5	10/24/1974	1:15	12.2	15.2	7	13737	7.32	4.5	FS	33
1974	691073	29	6	10/24/1974	1:27	2.7	14.6	10.2	3791	7.61	8.1	FS	33
1974	691074	28	6	10/24/1974	1:38	2.7	14.3	9.9	4030	7.68	7.6	FS	33
1974	691075	26	4	10/24/1974	2:00	3	14.9	9.6	4791	7.66	9	FS	33
1974	691076	26	4	10/24/1974	2:09	3	14.7	9.5	5123	7.65	6.6	FS	33
1974	691077	25	4	10/24/1974	2:21	6.1	15.3	9.5	5262	7.64	6.5	FS	33
1974	691078	26	6	10/24/1974	2:36	2.7	14.7	9.6	5209	7.67	5.2	FS	33
1974	691079	24	6	10/24/1974	2:49	3	14.5	9.6	5482	7.65	3.9	FS	33
1974	691080	25	4	10/24/1974	3:01	6.1	14.5	9.7	4971	7.71	6	FS	33
1974	691081	24	4	10/24/1974	3:12	5.8	14.1	10.2	5519	7.7	9.5	FS	33
1974	691082	23	4	10/24/1974	3:23	3	14.3	9.8	5695	7.7	7.4	FS	33
1974	691083	22	4	10/24/1974	3:38	4.6	14.1	9.6	6035	7.67	7.8	FS	33
1974	691084	22	5	10/24/1974	3:47	7.6	14	9.5	6074	7.65	6.9	FS	33
1974	691085	22	4	10/24/1974	3:58	4.6	13.9	9.4	6441	7.6	6.1	FS	33
1974	691087	21	4	10/24/1974	4:13	4.6	13.9	10	6441	7.6	5.5	FS	33
1974	691088	20	4	10/24/1974	4:22	4.6	14	9.5	6552	7.65	5.4	FS	33
1974	691089	19	4	10/24/1974	4:30	4.6	14.2	9.4	6272	7.66	4.6	FS	33
1974	691090	19	4	10/24/1974	4:38	5.2	14	9.4	7056	7.63	5.9	FS	33
1974	691091	18	4	10/24/1974	4:49	4.6	13.9	9.4	6946	7.62	5.2	FS	33
1974	691092	17	4	10/24/1974	4:58	4.9	14	9	7938	7.6	6.4	FS	33
1974	691093	17	4	10/24/1974	5:04	4.6	13.9	9.3	7578	7.64	5.1	FS	33
1974	691094	17	4	10/24/1974	5:13	4.3	13.9	9.3	7451	7.58	4.9	FS	33
1974	691095	16	4	10/24/1974	5:21	3.7	13.9	8.8	8714	7.57	6.6	FS	33
1974	691096	15	4	10/24/1974	5:29	4.6	13.9	9	8841	7.55	8.1	FS	33
1974	691097	15	4	10/24/1974	5:35	4.6	14	8.9	9199	7.54	5.1	FS	33
1974	691098	14	4	10/24/1974	5:45	4.6	13.9	9.1	8841	7.58	3.8	FS	33
1974	691099	56	5	10/28/1974	19:30	16.8	13.9	9.6	215	7.4	6.6	FS	34
1974	691100	57	4	10/28/1974	19:45	3.7	13.9	9.6	215	7.4	5.6	FS	34
1974	691101	57	6	10/28/1974	20:05	3	13.9	9.9	217	7.6	13	FS	34
1974	691102	58	6	10/28/1974	20:20	3.7	13.9	9.8	217	7.5	6.1	FS	34
1974	691103	59	5	10/28/1974	20:35	12.5	13.8	9.6	215	7.6	7.7	FS	34
1974	691104	59	6	10/28/1974	20:45	3	13.5	10.2	222	7.02	18	FS	34
1974	691106	60	6	10/28/1974	21:11	3.7	13.8	10	215	7.05	17	FS	34

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1974	691108	61	6	10/28/1974	21:35	2.4	13.8	10	220	7	13	FS	34
1974	691109	63	5	10/28/1974	21:58	11.9	13.5	9.6	217	7.38	16	FS	34
1974	691111	66	5	10/28/1974	22:30	14.6	13.5	9.4	206	6.98	25	FS	34
1974	691113	67	5	10/28/1974	23:12	15.2	13.5	9.4	204	7.39	8.5	FS	34
1974	691114	71	5	10/28/1974	23:40	17.1	13	9.4	205	7.4	6	FS	34
1974	691115	72	5	10/29/1974	0:06	16.8	13	9.5	205	7.3	4.9	FS	34
1974	691116	54	5	10/29/1974	2:31	9.1	14.1	9.5	415	7.3	16	FS	34
1974	691117	52	5	10/29/1974	2:50	27.4	14	9.5	435	7.5	15	FS	34
1974	691119	51	5	10/29/1974	3:15	21.3	14	9.2	832	7.48	6	FS	34
1974	691120	50	5	10/29/1974	3:30	21.9	14.1	9.1	1257	7.5	45	FS	34
1974	691121	49	5	10/29/1974	3:45	22.6	14.2	9.2	903	7.52	39	FS	34
1974	691122	45	5	10/29/1974	4:17	30.5	14.1	8.8	1999	7.55	15	FS	34
1974	691123	44	4	10/29/1974	4:35	4.9	14.1	8.8	2263	7.5	8.6	FS	34
1974	691124	43	6	10/29/1974	4:50	4.3	14.2	8.7	2760	7.59	9.7	FS	34
1974	691125	43	6	10/29/1974	4:57	3.7	14.2	8.6	3136	7.61	7.1	FS	34
1974	691126	14	4	10/29/1974	19:24	4.6	12.9	7	15507	7.55	18	FS	34
1974	691127	15	4	10/29/1974	19:44	4.9	12.8	6	18003	7.6	16	FS	34
1974	691128	15	4	10/29/1974	19:58	5.5	12.8	6	17744	7.69	9.5	FS	34
1974	691129	15	4	10/29/1974	20:16	4.6	12.8	5.7	18910	7.6	18	FS	34
1974	691130	17	4	10/29/1974	20:30	5.5	12.7	5.8	18175	7.7	6.8	FS	34
1974	691131	17	4	10/29/1974	20:45	5.5	12.5	5.6	18260	7.6	25	FS	34
1974	691132	18	4	10/29/1974	21:18	4.9	12.5	5.7	18260	7.7	19	FS	34
1974	691133	19	4	10/29/1974	21:37	4.3	12.4	5.8	16472	7.7	14	FS	34
1974	691134	19	4	10/29/1974	21:50	4.9	12.5	5.7	18260	7.7	16	FS	34
1974	691135	19	4	10/29/1974	22:00	5.5	12.4	5.4	17648	7.65	8.5	FS	34
1974	691136	19	4	10/29/1974	22:13	5.2	12.2	5.7	17994	7.7	7.5	FS	34
1974	691137	20	4	10/29/1974	22:28	4.9	12.5	6	14738	7.7	6.4	FS	34
1974	691138	21	4	10/29/1974	22:40	5.5	12.2	5.8	15892	7.65	7	FS	34
1974	691139	21	4	10/29/1974	22:50	5.2	12.4	6.2	14511	7.7	6.3	FS	34
1974	691140	22	4	10/29/1974	23:08	5.2	12.2	5.8	14710	7.4	8.3	FS	34
1974	691141	23	4	10/29/1974	23:30	4.6	12.5	6.5	13043	7.5	7.9	FS	34
1974	691142	24	4	10/29/1974	23:50	4.9	12.5	6.2	13043	7.5	8.8	FS	34
1974	691143	25	4	10/30/1974	0:08	4.9	12.2	5.9	14448	7.45	7.8	FS	34
1974	691145	24	6	10/30/1974	0:40	3.7	12.8	6.7	11398	7.55	4.4	FS	34
1974	691146	26	6	10/30/1974	19:25	2.4	15.9	8	9661	7.5	5	FS	34
1974	691147	25	6	10/30/1974	19:36	2.7	15.8	8	8714	7.5	4.5	FS	34
1974	691148	25	4	10/30/1974	19:51	5.2	15.5	7.8	9869	7.5	8.6	FS	34
1974	691149	26	4	10/30/1974	20:02	4.3	15.3	7.9	9913	7.55	8.7	FS	34
1974	691150	26	4	10/30/1974	20:14	4.6	15.2	7.7	9935	7.55	8.7	FS	34
1974	691151	26	4	10/30/1974	20:32	4	15.5	8.5	9869	7.5	9.8	FS	34
1974	691152	28	4	10/30/1974	20:54	4	15.8	8.5	8714	7.6	9.9	FS	34
1974	691154	28	4	10/30/1974	21:21	5.8	15.3	7.7	10157	7.5	8.8	FS	34
1974	691155	28	6	10/30/1974	21:40	5.2	15.5	7.9	8772	7.5	5.3	FS	34
1974	691156	29	6	10/30/1974	21:54	3	15.5	7.9	8894	7.5	5.6	FS	34
1974	691157	29	6	10/30/1974	22:04	3.4	15.8	7.9	8472	7.55	5.6	FS	34
1974	691158	29	5	10/30/1974	22:23	7.3	15.7	7.6	10431	7.5	7	FS	34
1974	691159	29	4	10/30/1974	22:35	5.2	15.9	7.9	8936	7.4	6.2	FS	34
1974	691160	29	4	10/30/1974	22:47	4	15.8	8.1	8230	7.5	5.7	FS	34
1974	691161	30	4	10/30/1974	23:00	4	15.7	8.4	8006	7.59	5.9	FS	34
1974	691162	30	4	10/30/1974	23:13	4.3	15.7	8.2	8248	7.55	4.9	FS	34
1974	691163	31	4	10/30/1974	23:23	4	15.5	8	8528	7.59	6.8	FS	34
1974	691164	32	4	10/30/1974	23:36	4.6	15.5	8	8528	7.59	5.4	FS	34
1974	691165	30	4	10/30/1974	23:57	4.3	15.6	8	8388	7.59	5.5	FS	34
1974	691166	30	6	10/31/1974	0:18	4.9	15.5	8	8528	7.45	5.3	FS	34
1974	691167	30	6	10/31/1974	0:30	3	15.7	8	7278	7.5	5	FS	34
1974	691168	31	6	10/31/1974	0:40	5.8	15.7	8	8127	7.55	4.1	FS	34
1974	691169	31	6	10/31/1974	0:54	3	15.8	8	6778	7.55	5.2	FS	34
1974	691170	32	6	10/31/1974	1:14	2.4	15.8	8.2	6657	7.6	3.5	FS	34
1974	691171	32	5	10/31/1974	1:25	10.7	15.2	8.6	9199	7.55	5.1	FS	34

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691172	33	6	10/31/1974	1:36	3.7	15.8	8	7262	7.5	6.2	FS	34
1974	691173	33	6	10/31/1974	1:50	1.8	15.8	7.2	6051	7.51	5.2	FS	34
1974	691174	33	6	10/31/1974	2:00	2.1	15.8	9.5	2747	7.5	2.5	FS	34
1974	691175	33	6	10/31/1974	2:10	2.1	16	9.6	5061	7.35	2.5	FS	34
1974	691176	32	6	10/31/1974	2:20	2.4	15.8	8.5	5930	7.5	3.2	FS	34
1974	691177	33	4	10/31/1974	2:45	3.7	16	8.1	6145	7.55	8	FS	34
1974	691178	34	4	10/31/1974	3:00	3	16	8.1	5904	7.51	8.6	FS	34
1974	691179	34	6	10/31/1974	3:17	3	16	8.2	5543	7.55	6	FS	34
1974	691181	34	6	10/31/1974	3:42	3	15.7	8.2	5943	7.5	4.9	FS	34
1974	691182	34	6	10/31/1974	3:55	3	15.9	8.2	5978	7.6	4.7	FS	34
1974	691183	35	6	10/31/1974	4:30	4.6	16	8.2	6025	7.5	7.1	FS	34
1974	691184	35	5	10/31/1974	4:44	9.8	16	8.1	6025	7.5	8.8	FS	34
1974	691185	35	4	10/31/1974	4:55	2.7	16.4	8.2	5375	7.5	9	FS	34
1974	691186	42	4	10/31/1974	19:08	5.2	15.7	8.8	3760	7.69	7	FS	34
1974	691188	41	5	10/31/1974	19:45	16.5	15.8	8.7	4224	7.7	8.3	FS	34
1974	691189	41	5	10/31/1974	20:00	13.7	15.9	8.9	4456	7.72	9.8	FS	34
1974	691191	40	5	10/31/1974	20:30	12.2	15.7	8.9	3578	7.7	7.1	FS	34
1974	691193	40	5	10/31/1974	21:00	22.3	15.9	8.8	4082	7.7	18	FS	34
1974	691194	40	5	10/31/1974	21:22	8.8	15.9	8.8	4830	7.7	10	FS	34
1974	691195	39	5	11/1/1974	19:45	9.1	16.2	8.7	4559	7.5	10	FS	34
1974	691196	39	6	11/1/1974	19:58	3	16	8.7	4699	7.52	6.3	FS	34
1974	691197	38	6	11/1/1974	20:08	3	16	8.5	5278	7.5	6.5	FS	34
1974	691198	38	5	11/1/1974	20:20	8.2	16	8.7	4639	7.61	4.7	FS	34
1974	691199	38	6	11/1/1974	20:34	3	16	8.6	5169	7.6	5.1	FS	34
1974	691200	38	6	11/1/1974	20:45	3.4	16	8.6	5639	7.55	5.2	FS	34
1974	691201	37	6	11/1/1974	20:55	3.7	16.2	8.7	5626	7.5	4.8	FS	34
1974	691202	37	6	11/1/1974	21:10	3.7	16	8.7	5651	7.55	4.6	FS	34
1974	691203	36	6	11/1/1974	21:23	3.7	16.2	8.9	5878	7.55	5.4	FS	34
1974	691204	36	6	11/1/1974	21:32	3.4	16.1	8.8	5350	7.55	4.1	FS	34
1974	691205	36	6	11/1/1974	21:43	3.4	16.2	8.8	5338	7.55	5.4	FS	34
1974	691206	36	6	11/1/1974	21:53	3.4	16.3	8.8	5973	7.5	6.2	FS	34
1974	691207	36	5	11/1/1974	22:12	8.5	16.5	8.6	5482	7.5	6.8	FS	34
1974	691208	37	5	11/1/1974	22:24	8.5	16.5	8.6	5256	7.5	8.2	FS	34
1974	691209	38	5	11/1/1974	22:36	7	17	8.7	5010	7.5	8.9	FS	34
1974	691210	73	5	11/5/1974	20:24	17.4	13.6	10.2	254	7.61	16	FS	35
1974	691211	72	5	11/5/1974	20:42	15.2	12.9	10.3	301	7.63	10	FS	35
1974	691212	69	5	11/5/1974	21:11	20.4	13	10.3	251	7.68	5.7	FS	35
1974	691213	66	5	11/5/1974	21:39	11.9	13.2	10.2	253	7.79	3.6	FS	35
1974	691214	65	5	11/5/1974	21:58	13.1	13.4	10.1	211	7.58	7.5	FS	35
1974	691215	60	6	11/5/1974	22:30	3	13.8	10	239	7.63	6.4	FS	35
1974	691216	60	5	11/5/1974	22:43	9.8	14	9.9	243	7.72	6.1	FS	35
1974	691219	59	6	11/5/1974	23:13	1.8	13.8	10	213	7.45	6.5	FS	35
1974	691223	58	6	11/5/1974	23:54	5.5	14	9.9	212	7.38	7.3	FS	35
1974	691224	58	5	11/6/1974	0:17	9.8	13.8	9.9	209	7.48	3.7	FS	35
1974	691225	57	4	11/6/1974	0:42	5.5	13.8	9.8	215	7.55	2.8	FS	35
1974	691226	57	6	11/6/1974	1:01	2.7	13.9	10	249	7.57	4.7	FS	35
1974	691227	56	6	11/6/1974	1:14	3	13.7	10	254	7.76	5.9	FS	35
1974	691228	55	5	11/6/1974	1:39	20.7	14	9.9	233	7.73	4.3	FS	35
1974	691229	53	5	11/6/1974	2:07	14.6	14	9.9	365	7.57	16	FS	35
1974	691230	53	5	11/6/1974	2:53	38.1	14.1	9.8	387	7.82	5.3	FS	35
1974	691231	50	5	11/6/1974	3:27	18.9	14.2	9.6	612	7.45	15	FS	35
1974	691232	48	5	11/6/1974	3:55	25.6	14.5	9.3	1246	7.68	20	FS	35
1974	691233	46	5	11/6/1974	4:22	31.4	14.8	9	2203	7.63	15	FS	35
1974	691234	45	5	11/6/1974	4:48	32.9	14.8	9	2413	7.42	17	FS	35
1974	691235	14	4	11/6/1974	20:10	4.9	14.7	5.2	17985	6.93	18	FS	35
1974	691236	15	4	11/6/1974	20:31	4.6	14.6	5.9	16036	7.08	28	FS	35
1974	691237	15	4	11/6/1974	20:47	4.6	14.6	5.9	16285	7.05	17	FS	35
1974	691238	15	4	11/6/1974	21:05	4.6	14.8	6.3	15098	6.93	24	FS	35
1974	691239	16	4	11/6/1974	21:21	4.6	14.5	7.8	13456	7.05	43	FS	35

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691240	16	4	11/6/1974	21:42	5.5	14.6	7.2	13177	7.02	16	FS	35
1974	691241	17	4	11/6/1974	21:57	4.6	14.7	7.1	12527	7.1	16	FS	35
1974	691242	17	4	11/6/1974	22:13	4.9	14.4	7.1	12737	7.22	18	FS	35
1974	691243	18	4	11/6/1974	22:30	5.2	14.5	6.7	13331	7.21	15	FS	35
1974	691244	19	4	11/6/1974	22:47	4.3	14.6	7.4	12058	7.18	15	FS	35
1974	691245	19	4	11/6/1974	23:06	5.2	14.3	7.6	11514	6.87	11	FS	35
1974	691246	19	4	11/6/1974	23:30	4	14.4	7.3	11363	7.21	10	FS	35
1974	691247	20	4	11/7/1974	0:02	4.9	14.4	8	9990	7.12	5.7	FS	35
1974	691248	21	4	11/7/1974	0:28	4.6	14.3	8.3	10012	7.28	5.5	FS	35
1974	691249	22	4	11/7/1974	0:42	2.4	14.3	8.1	9011	7.15	4.6	FS	35
1974	691250	22	4	11/7/1974	0:53	4.3	14.2	8	9659	7.15	9.4	FS	35
1974	691251	24	4	11/7/1974	1:09	4.9	14.5	7.9	9220	7.3	9.8	FS	35
1974	691252	24	4	11/7/1974	1:23	4.9	14.5	7.8	9718	7.2	6.6	FS	35
1974	691253	25	4	11/7/1974	1:39	4.9	14.3	8	8761	7.21	19	FS	35
1974	691254	25	4	11/7/1974	1:52	5.2	14.5	8.4	8846	7.22	12	FS	35
1974	691255	25	6	11/7/1974	2:10	2.7	14.7	7.9	8930	7.17	4.1	FS	35
1974	691256	26	6	11/7/1974	2:25	2.7	14.4	7.5	9740	7.18	3.6	FS	35
1974	691257	25	5	11/7/1974	2:37	6.7	14.7	7.7	10295	7.2	5.4	FS	35
1974	691258	26	4	11/7/1974	2:54	3	14.3	8.6	8135	7.19	7.3	FS	35
1974	691259	26	4	11/7/1974	3:07	4	14.8	8.3	8539	7.29	8.6	FS	35
1974	691260	28	5	11/7/1974	3:27	7	14.8	7.8	9653	7.22	6	FS	35
1974	691261	28	5	11/7/1974	3:45	12.2	14.8	7.8	9405	7.04	5.5	FS	35
1974	691262	29	6	11/7/1974	4:02	2.7	14.6	7.8	8080	6.35	3	FS	35
1974	691263	29	6	11/7/1974	4:16	2.7	12.2	8.3	7749	7.15	3.7	FS	35
1974	691264	29	5	11/7/1974	4:32	6.7	14.9	7.7	9014	7.21	5.3	FS	35
1974	691265	30	6	11/7/1974	4:46	3.4	14.5	8.4	7102	7.25	4.7	FS	35
1974	691266	30	6	11/7/1974	4:58	3	14.7	8.4	6698	7.22	4.9	FS	35
1974	691267	29	4	11/7/1974	20:05	2.1	13.9	9.3	7199	7.39	5.2	FS	35
1974	691268	29	4	11/7/1974	22:20	2.4	13.8	9.3	6582	7.55	7.3	FS	35
1974	691269	29	4	11/7/1974	20:34	3.7	14	9.1	6804	7.53	4.8	FS	35
1974	691270	30	4	11/7/1974	20:56	3.4	13.4	8.9	6387	7.5	6	FS	35
1974	691271	30	4	11/7/1974	21:10	3	13.9	9.1	6188	7.53	6	FS	35
1974	691272	31	4	11/7/1974	21:30	3	14.3	8.8	6133	7.53	6	FS	35
1974	691273	31	4	11/7/1974	21:46	4	14.2	8.3	6648	7.42	6.8	FS	35
1974	691274	32	4	11/7/1974	22:03	3.4	14.3	9	5357	7.48	8.6	FS	35
1974	691275	31	6	11/7/1974	22:28	2.1	14	8.5	5796	7.61	17	FS	35
1974	691276	32	6	11/7/1974	22:42	4	14.1	7.7	6223	7.45	10	FS	35
1974	691277	32	6	11/7/1974	22:54	2.1	13.7	8.4	5392	7.58	6.1	FS	35
1974	691278	32	6	11/7/1974	23:09	3.4	13.9	7.9	6087	7.58	6.4	FS	35
1974	691279	32	6	11/7/1974	23:27	1.8	13.5	8.3	5353	7.49	5.7	FS	35
1974	691281	33	6	11/8/1974	0:39	2.4	11.9	9.2	5357	7.57	16	FS	35
1974	691283	43	5	11/8/1974	3:33	12.8	13.9	9.6	1351	7.46	30	FS	35
1974	691284	42	5	11/8/1974	3:50	24.4	14	9.4	907	7.53	8.3	FS	35
1974	691285	41	5	11/8/1974	4:20	20.1	14.3	8.9	1865	7.49	43	FS	35
1974	691286	40	4	11/8/1974	4:36	4.6	13.7	9.3	1548	7.54	9	FS	35
1974	691287	40	5	11/8/1974	19:45	25.6	14.7	9.3	3473	7.48	5.8	FS	35
1974	691288	40	6	11/8/1974	20:03	4.6	14.8	9.4	4245	7.39	6.8	FS	35
1974	691289	40	6	11/8/1974	20:18	4.6	14.3	9.5	4481	7.34	6.1	FS	35
1974	691290	39	4	11/8/1974	20:35	3.7	14.3	9.4	3004	7.5	21	FS	35
1974	691291	39	6	11/8/1974	20:53	2.7	14.2	9.5	3512	7.43	5.2	FS	35
1974	691292	38	6	11/8/1974	21:05	4	14	9.4	4561	7.5	5.4	FS	35
1974	691294	38	6	11/8/1974	21:33	3.7	13.8	9.1	5127	7.35	4.8	FS	35
1974	691295	38	6	11/8/1974	21:50	3	14	9.5	3755	7.49	4.1	FS	35
1974	691296	37	6	11/8/1974	22:03	3	13.9	9.7	3663	7.29	4.4	FS	35
1974	691297	37	6	11/8/1974	22:22	4	14	9.2	5418	7.29	5.2	FS	35
1974	691298	36	6	11/8/1974	22:40	2.4	13.9	9.8	4130	7.38	4.6	FS	35
1974	691299	36	6	11/8/1974	22:56	2.4	13.3	9.8	4251	7.5	5.1	FS	35
1974	691300	35	6	11/8/1974	23:12	2.7	13.9	9.6	4307	7.55	6.2	FS	35
1974	691302	35	4	11/8/1974	23:36	4.9	13.7	9.1	6470	7.42	6.4	FS	35

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691303	36	5	11/8/1974	23:52	7.3	13.8	9.4	5215	7.5	4	FS	35
1974	691304	36	6	11/9/1974	0:13	6.1	14.1	9.2	5393	7.48	4	FS	35
1974	691305	37	5	11/9/1974	0:28	6.4	14.2	10.2	3600	7.48	24	FS	35
1974	691306	36	4	11/9/1974	0:47	3.7	14.4	9.8	3596	7.44	25	FS	35
1974	691307	36	5	11/9/1974	0:59	7.9	14	9.1	3717	7.43	28	FS	35
1974	691308	35	4	11/9/1974	1:15	3.4	14.3	9.5	3792	7.76	22	FS	35
1974	691309	35	4	11/9/1974	1:32	3.4	14.3	9.8	3805	7.52	17	FS	35
1974	691310	35	5	11/9/1974	1:44	11.6	14.2	9.5	3926	7.4	22	FS	35
1974	691311	33	4	11/9/1974	2:10	3	13.8	10.1	3937	7.42	14	FS	35
1974	691312	33	4	11/9/1974	2:24	3.4	14	9.6	3919	7.55	20	FS	35
1974	691313	34	6	11/9/1974	2:45	3.4	13.5	9.7	4244	7.51	4.2	FS	35
1974	691314	34	6	11/9/1974	2:57	5.8	13.8	9.2	5519	7.43	5.9	FS	35
1974	691315	33	5	11/9/1974	3:12	12.8	13.9	9	6820	7.45	5.7	FS	35
1974	691316	34	5	11/9/1974	3:32	13.4	14	9.4	6300	7.4	6	FS	35
1974	691317	54	5	11/11/1974	19:09	19.8	13	10.2	232	7.7	13	FS	36
1974	691318	56	5	11/11/1974	19:35	7.6	13	10.3	214	7.7	4.4	FS	36
1974	691319	57	4	11/11/1974	19:50	4.6	13	10.3	210	7.61	5.8	FS	36
1974	691321	57	5	11/11/1974	20:15	9.1	13.1	10.3	219	7.62	31	FS	36
1974	691322	57	6	11/11/1974	20:27	4.6	13	10.4	219	7.7	20	FS	36
1974	691323	59	6	11/11/1974	20:41	4.6	13	10.4	219	7.7	16	FS	36
1974	691324	59	6	11/11/1974	20:53	4.6	13	10.4	218	7.7	20	FS	36
1974	691325	60	6	11/11/1974	21:07	3.7	13	10.6	220	7.8	6.4	FS	36
1974	691326	61	5	11/11/1974	21:26	10.7	13	10.3	209	7.61	23	FS	36
1974	691327	63	5	11/11/1974	21:49	7.6	13	10.4	209	7.69	24	FS	36
1974	691328	64	5	11/11/1974	22:10	10.7	12.8	10.4	209	7.6	4.8	FS	36
1974	691329	68	5	11/11/1974	22:42	9.1	12.2	10.5	210	7.6	11	FS	36
1974	691330	72	5	11/11/1974	23:12	15.2	12.2	10.6	211	7.6	10	FS	36
1974	691331	75	5	11/11/1974	23:40	15.2	12.1	10.6	211	7.7	8.2	FS	36
1974	691332	52	5	11/12/1974	1:58	45.7	13.8	9.9	291	7.7	63	FS	36
1974	691333	51	5	11/12/1974	2:26	21.3	13.8	9.9	281	7.6	10	FS	36
1974	691334	48	5	11/12/1974	2:58	30.5	14	8.7	446	7.61	32	FS	36
1974	691335	47	5	11/12/1974	3:12	27.4	13.9	8.8	429	7.68	23	FS	36
1974	691338	44	4	11/12/1974	4:02	4.6	13.9	8.6	657	7.6	13	FS	36
1974	691339	44	5	11/12/1974	4:16	24.4	14	8.5	655	7.6	45	FS	36
1974	691341	42	5	11/12/1974	4:49	18.3	13.8	8.5	861	7.6	15	FS	36
1974	691342	42	4	11/12/1974	19:13	6.1	13.8	10	1620	7.59	9	FS	36
1974	691343	42	4	11/12/1974	19:24	5.8	14	10	1512	7.6	8.4	FS	36
1974	691344	41	6	11/12/1974	19:41	6.1	13.9	9.9	2387	7.55	20	FS	36
1974	691345	40	5	11/12/1974	19:53	22.9	13.9	9.9	3284	7.5	13	FS	36
1974	691346	40	6	11/12/1974	20:09	3.7	14	10	3276	7.5	5.8	FS	36
1974	691347	40	6	11/12/1974	20:16	3	14	9.9	4410	7.5	17	FS	36
1974	691349	39	5	11/12/1974	20:38	9.1	14.1	10	3583	7.5	24	FS	36
1974	691350	38	4	11/12/1974	20:51	3	14	9.9	3843	7.7	7.4	FS	36
1974	691352	38	5	11/12/1974	21:14	12.2	13.9	10	5431	7.7	28	FS	36
1974	691353	38	6	11/12/1974	21:26	4.6	14	10	5166	7.69	9.8	FS	36
1974	691354	38	6	11/12/1974	21:35	4.6	13.9	10.1	4925	7.61	8	FS	36
1974	691357	37	6	11/12/1974	22:16	4	14	10	4410	7.7	11	FS	36
1974	691358	37	5	11/12/1974	22:37	9.1	14.2	9.7	5331	7.6	8	FS	36
1974	691359	37	6	11/12/1974	22:50	4.6	14	9.8	5670	7.62	8.4	FS	36
1974	691360	36	6	11/12/1974	23:00	4.6	14	9.7	6149	7.6	8.6	FS	36
1974	691362	36	6	11/12/1974	23:21	3.7	14	9.8	5418	7.6	7.4	FS	36
1974	691363	36	6	11/12/1974	23:36	4.6	14.2	9.7	5206	7.6	8.4	FS	36
1974	691364	35	6	11/12/1974	23:54	3.7	14	9.8	5607	7.51	6.9	FS	36
1974	691365	34	6	11/13/1974	0:38	4.6	14.5	8	4984	7.6	7.3	FS	36
1974	691366	35	6	11/13/1974	0:54	6.1	14.5	9.8	6230	7.6	8.4	FS	36
1974	691367	36	4	11/13/1974	1:09	4.6	14.5	9.7	5607	7.5	11	FS	36
1974	691368	36	5	11/13/1974	1:18	8.5	14	9.7	6300	7.55	8.5	FS	36
1974	691369	34	5	11/13/1974	1:35	12.2	14.1	9.7	6286	7.51	8.2	FS	36
1974	691370	35	6	11/13/1974	1:48	4.6	14.5	9.7	5955	7.5	11	FS	36

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691371	34	6	11/13/1974	2:00	3.7	14.1	9.8	5783	7.5	9	FS	36
1974	691372	33	5	11/13/1974	2:21	14.6	14	9.6	6552	7.51	10	FS	36
1974	691373	33	5	11/13/1974	2:35	12.2	14.1	9.6	6538	7.48	7.9	FS	36
1974	691374	32	4	11/13/1974	2:46	4.9	14	9.6	6300	7.5	15	FS	36
1974	691376	31	4	11/13/1974	3:17	4.9	14	9.5	6300	7.51	15	FS	36
1974	691377	32	4	11/13/1974	3:30	4.6	13.9	9.6	6315	7.5	18	FS	36
1974	691378	33	6	11/13/1974	3:49	2.7	13.9	9.8	5898	7.51	6.8	FS	36
1974	691379	32	6	11/13/1974	4:02	4.9	14	9.6	6174	7.5	8.3	FS	36
1974	691380	32	6	11/13/1974	4:15	4.6	13.9	9.7	6315	7.52	7.9	FS	36
1974	691381	32	6	11/13/1974	4:24	3	13.9	9.7	6062	7.62	6.9	FS	36
1974	691382	32	6	11/13/1974	4:33	3	14	9.7	6300	7.6	5.7	FS	36
1974	691383	32	6	11/13/1974	4:44	3	13.8	9.8	6139	7.51	5.3	FS	36
1974	691384	31	6	11/13/1974	19:06	3	13.2	0	5518	7.7	11	FS	36
1974	691385	30	6	11/13/1974	19:22	3.4	13	9.6	5531	7.7	11	FS	36
1974	691386	30	4	11/13/1974	19:38	4.6	13	9.6	6446	7.68	10	FS	36
1974	691387	30	6	11/13/1974	19:49	4.3	13	9.4	6575	7.6	10	FS	36
1974	691388	30	6	11/13/1974	20:02	4.3	12.9	9.4	7366	7.6	12	FS	36
1974	691389	29	4	11/13/1974	20:14	4.9	13	9.4	6446	7.6	10	FS	36
1974	691390	29	4	11/13/1974	20:25	6.1	13	9.5	6188	7.6	12	FS	36
1974	691392	29	5	11/13/1974	20:49	10.7	13.1	9.3	6560	7.59	11	FS	36
1974	691393	29	6	11/13/1974	21:02	4.3	13	9.4	6575	7.6	12	FS	36
1974	691394	28	4	11/13/1974	21:14	5.8	13	9.3	6446	7.59	12	FS	36
1974	691395	28	4	11/13/1974	21:21	4	13.1	0	9004	7.5	12	FS	36
1974	691396	28	4	11/13/1974	21:38	4.6	12.5	9.5	7695	7.6	11	FS	36
1974	691397	28	6	11/13/1974	21:59	3.7	13	9.5	6833	7.59	10	FS	36
1974	691398	26	6	11/13/1974	22:17	3	13	9.2	7993	7.51	13	FS	36
1974	691399	26	6	11/13/1974	22:26	4.9	13	9.3	8896	7.5	13	FS	36
1974	691400	26	4	11/13/1974	22:40	4.6	13.1	9.1	8747	7.5	14	FS	36
1974	691401	26	4	11/13/1974	22:50	4.6	13	9.2	8767	7.6	12	FS	36
1974	691402	26	4	11/13/1974	23:00	5.5	13	9.1	9025	7.61	8.6	FS	36
1974	691403	25	4	11/13/1974	23:09	6.1	13.1	9	9004	7.6	8.2	FS	36
1974	691404	25	4	11/13/1974	23:20	5.8	12.9	9.1	8787	7.6	16	FS	36
1974	691405	25	4	11/13/1974	23:32	4.6	13	9.5	9025	7.6	18	FS	36
1974	691406	24	4	11/13/1974	23:49	4.6	13	9.1	8896	7.6	27	FS	36
1974	691407	24	4	11/14/1974	0:01	4.3	12.9	9.1	9045	7.6	29	FS	36
1974	691408	22	4	11/14/1974	0:20	4.3	13	9.1	9025	7.7	22	FS	36
1974	691409	22	4	11/14/1974	0:41	4.6	13	8.7	10314	7.6	34	FS	36
1974	691410	20	4	11/14/1974	0:57	4.6	13.1	8.8	11191	7.6	71	FS	36
1974	691412	19	4	11/14/1974	1:28	5.5	13	8.5	11603	7.5	89	FS	36
1974	691413	19	4	11/14/1974	1:36	4.6	13.1	8.4	11576	7.42	87	FS	36
1974	691414	18	4	11/14/1974	1:46	4.3	13	8.7	11603	7.5	77	FS	36
1974	691415	18	4	11/14/1974	1:59	4.6	13	8.3	11732	7.5	65	FS	36
1974	691416	17	4	11/14/1974	2:20	3.7	13.1	8.4	11705	7.5	56	FS	36
1974	691417	17	4	11/14/1974	2:37	4.9	12.9	8.4	12018	7.5	84	FS	36
1974	691418	16	4	11/14/1974	2:41	5.2	13	8.3	12506	7.42	77	FS	36
1974	691419	16	4	11/14/1974	2:50	4.6	12.9	8.3	12405	7.49	95	FS	36
1974	691420	16	4	11/14/1974	3:02	3.7	12.9	8.2	12664	7.5	116	FS	36
1974	691421	15	4	11/14/1974	3:11	4.6	13.1	8.2	12734	7.48	93	FS	36
1974	691423	14	4	11/14/1974	3:29	4	13	8.1	12763	7.59	73	FS	36
1974	691424	57	6	11/18/1974	19:14	3	12	11.1	352	7.32	10	FS	37
1974	691425	56	6	11/18/1974	19:24	2.7	11.4	11.5	221	7.73	7.3	FS	37
1974	691426	57	5	11/18/1974	19:45	11.9	11.8	10.7	318	7.53	9.6	FS	37
1974	691427	57	4	11/18/1974	20:04	6.1	11.5	11	288	7.7	6.2	FS	37
1974	691428	58	6	11/18/1974	20:30	5.5	11.4	11.1	296	7.7	9.1	FS	37
1974	691429	58	6	11/18/1974	20:46	4	11.5	11.1	332	7.72	7.5	FS	37
1974	691430	59	6	11/18/1974	21:02	5.2	11.7	11.2	346	7.47	8.3	FS	37
1974	691431	60	5	11/18/1974	21:21	10.4	11.3	11	380	7.47	6.8	FS	37
1974	691433	64	5	11/18/1974	22:15	7.3	11.5	11.1	291	7.55	4.5	FS	37
1974	691434	65	5	11/18/1974	22:33	15.2	11.3	10.9	309	7.45	6.7	FS	37

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691435	68	5	11/18/1974	23:06	12.2	11.3	10.9	278	7.43	4.7	FS	37
1974	691436	73	5	11/18/1974	23:45	15.8	11	10.6	270	7.28	7.2	FS	37
1974	691437	74	5	11/19/1974	0:04	14.9	10.8	10.7	280	7.19	3.7	FS	37
1974	691438	53	5	11/19/1974	2:25	21.9	12.7	11.2	312	7.58	14	FS	37
1974	691439	52	5	11/19/1974	2:54	33.5	12	11.2	277	7.43	20	FS	37
1974	691441	50	5	11/19/1974	3:30	25.9	12.3	11	210	7.47	20	FS	37
1974	691442	49	5	11/19/1974	3:52	23.8	12.6	10.8	220	7.33	11	FS	37
1974	691443	48	5	11/19/1974	4:06	23.2	12	10.8	215	7.48	11	FS	37
1974	691444	46	5	11/19/1974	4:30	29	12.3	10.7	225	7.52	16	FS	37
1974	691445	44	5	11/19/1974	4:52	20.7	12.5	10.7	232	7.63	10	FS	37
1974	691446	14	4	11/19/1974	19:10	4	13	9.3	9282	7.36	30	FS	37
1974	691447	14	4	11/19/1974	19:25	3.7	12.9	10	9692	7.32	44	FS	37
1974	691448	14	4	11/19/1974	19:35	4.3	13	9.5	8380	7.4	62	FS	37
1974	691449	15	4	11/19/1974	19:55	4.3	13	9.8	6962	7.33	22	FS	37
1974	691450	15	4	11/19/1974	20:05	4.6	13.2	9.5	8085	7.27	45	FS	37
1974	691451	17	4	11/19/1974	20:23	4.9	12.9	10.4	5918	7.56	44	FS	37
1974	691452	17	4	11/19/1974	20:47	5.5	12.8	10.1	5790	7.41	20	FS	37
1974	691453	17	5	11/19/1974	21:08	6.4	12.9	10.5	5401	7.47	18	FS	37
1974	691454	18	4	11/19/1974	21:20	5.2	13	10.3	4512	7.43	18	FS	37
1974	691455	18	4	11/19/1974	21:30	4.3	12.9	10.4	5233	7.46	13	FS	37
1974	691456	19	4	11/19/1974	21:45	4.3	12.5	10.5	4956	7.58	11	FS	37
1974	691457	20	4	11/19/1974	21:58	5.2	12.4	10.5	5085	7.5	14	FS	37
1974	691458	20	4	11/19/1974	22:08	4.9	12.9	10.4	5014	7.62	12	FS	37
1974	691459	21	4	11/19/1974	22:20	5.5	12.2	10.6	4452	7.65	12	FS	37
1974	691460	22	4	11/19/1974	22:36	4.3	12.7	10.9	3752	7.66	11	FS	37
1974	691461	23	4	11/19/1974	22:53	4.9	12.4	10.9	3660	7.48	14	FS	37
1974	691462	24	4	11/19/1974	23:04	4.3	12.3	11.1	3302	7.63	12	FS	37
1974	691463	25	4	11/19/1974	23:17	5.8	12.8	11.1	3277	7.6	12	FS	37
1974	691465	24	4	11/19/1974	23:35	5.5	12.7	10.9	3778	7.54	15	FS	37
1974	691466	24	6	11/19/1974	23:54	4.3	12.9	11	2933	7.55	12	FS	37
1974	691467	25	5	11/20/1974	0:10	6.7	12.5	11.1	3235	7.63	15	FS	37
1974	691469	25	4	11/20/1974	0:31	5.2	12.5	11.2	3078	7.56	18	FS	37
1974	691470	26	4	11/20/1974	0:45	4.3	12.3	11.2	2988	7.6	12	FS	37
1974	691471	26	4	11/20/1974	0:57	3.7	12.5	11.2	2830	7.65	12	FS	37
1974	691472	26	4	11/20/1974	1:09	4.3	12.3	11.2	3132	7.57	14	FS	37
1974	691473	26	4	11/20/1974	1:19	3.4	12.6	11.1	3097	7.47	13	FS	37
1974	691474	26	6	11/20/1974	1:38	2.7	12.8	11.1	2720	7.64	9.7	FS	37
1974	691475	28	5	11/20/1974	2:00	7.9	12.8	11	2590	7.52	33	FS	37
1974	691476	29	5	11/20/1974	2:13	6.4	12.8	11.1	1930	7.58	17	FS	37
1974	691477	29	6	11/20/1974	2:23	4.9	12.8	11.1	2046	7.61	18	FS	37
1974	691478	28	6	11/20/1974	2:40	3.4	12.4	11.2	2445	7.31	14	FS	37
1974	691479	29	6	11/20/1974	2:50	3.4	12.9	11	1977	7.48	12	FS	37
1974	691480	29	6	11/20/1974	3:00	3.4	12.7	11	2051	7.51	10	FS	37
1974	691481	30	6	11/20/1974	3:13	4	12.5	11.1	1826	7.56	16	FS	37
1974	691482	29	6	11/20/1974	3:31	4.9	12.7	11.2	1921	7.48	14	FS	37
1974	691483	29	6	11/20/1974	3:43	4.3	12.4	11.1	1974	7.53	17	FS	37
1974	691484	30	4	11/20/1974	3:55	4.6	13	11.2	2669	7.5	9.2	FS	37
1974	691485	30	4	11/20/1974	4:12	6.1	12.8	11	1684	7.53	11	FS	37
1974	691486	30	4	11/20/1974	4:22	4.3	13	11	2114	7.56	11	FS	37
1974	691487	31	4	11/20/1974	4:40	4	12.8	11.1	2280	7.57	11	FS	37
1974	691488	31	4	11/20/1974	4:54	4.3	12.9	11	1706	7.46	10	FS	37
1974	691489	32	4	11/20/1974	5:08	4.3	13.2	10.9	2284	7.56	8	FS	37
1974	691490	31	6	11/20/1974	5:25	3	12.7	11.1	1493	7.57	9.5	FS	37
1974	691491	43	6	11/20/1974	18:54	5.2	12.4	11	312	7.49	7	FS	37
1974	691492	43	6	11/20/1974	19:05	4.3	12.7	10.7	371	7.58	6.9	FS	37
1974	691494	42	4	11/20/1974	19:38	4.9	12.4	10.8	403	7.48	15	FS	37
1974	691495	42	4	11/20/1974	19:50	5.2	12.3	10.8	326	7.54	21	FS	37
1974	691496	42	4	11/20/1974	20:02	5.8	12.2	10.8	344	7.35	14	FS	37
1974	691497	41	5	11/20/1974	20:17	15.8	12.3	10.9	337	7.49	14	FS	37

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1974	691498	41	5	11/20/1974	20:32	12.2	12.4	10.8	363	7.57	12	FS	37
1974	691499	41	5	11/20/1974	20:46	17.7	12.7	10.8	418	7.52	8.9	FS	37
1974	691501	40	5	11/20/1974	21:55	23.8	12.8	10.9	420	7.42	38	FS	37
1974	691502	40	6	11/20/1974	22:13	4	12.9	10.9	494	7.38	14	FS	37
1974	691503	38	6	11/20/1974	22:26	3.4	12.8	10.9	505	7.46	13	FS	37
1974	691504	38	6	11/20/1974	22:36	3.7	12.7	10.9	476	7.49	11	FS	37
1974	691505	38	6	11/20/1974	22:46	3	12.7	10.9	441	7.57	12	FS	37
1974	691506	38	6	11/20/1974	23:00	3.4	12.5	10.9	497	7.52	10	FS	37
1974	691507	37	6	11/20/1974	23:12	3.4	12.2	11.1	655	7.6	8.1	FS	37
1974	691508	37	4	11/20/1974	23:25	3.4	12.4	10.9	569	7.61	8.2	FS	37
1974	691509	38	5	11/20/1974	23:50	7.6	12.6	10.8	412	7.46	14	FS	37
1974	691510	38	5	11/21/1974	0:02	9.1	12.5	10.8	400	7.48	16	FS	37
1974	691511	38	4	11/21/1974	0:20	6.1	12.7	10.8	393	7.48	10	FS	37
1974	691512	37	5	11/21/1974	0:38	7.9	12.7	10.9	479	7.56	12	FS	37
1974	691513	36	4	11/21/1974	0:54	4	12.4	11	549	7.42	11	FS	37
1974	691514	36	6	11/21/1974	1:15	4	12.2	11.1	554	7.54	12	FS	37
1974	691515	36	6	11/21/1974	1:30	3.7	12.3	11	668	7.5	11	FS	37
1974	691516	35	6	11/21/1974	1:47	3.4	11.9	11.2	794	7.56	10	FS	37
1974	691517	35	6	11/21/1974	2:01	4	12.5	10.8	639	7.56	11	FS	37
1974	691519	36	6	11/21/1974	2:30	4	11.8	11	614	7.53	13	FS	37
1974	691520	35	5	11/21/1974	2:45	9.1	12	10.9	818	7.37	17	FS	37
1974	691521	35	5	11/21/1974	2:56	10.7	12.1	10.8	803	7.56	16	FS	37
1974	691522	34	6	11/21/1974	3:15	4.6	11.8	11.1	1047	7.49	12	FS	37
1974	691523	34	4	11/21/1974	3:44	3.4	12.2	10.9	736	7.58	12	FS	37
1974	691524	33	6	11/21/1974	4:05	3.4	11.9	11	1243	7.47	13	FS	37
1974	691525	32	5	11/21/1974	4:18	11	11.9	10.5	3333	7.41	10	FS	37
1974	691526	32	6	11/21/1974	4:32	3.4	11.7	10.9	1276	7.55	11	FS	37
1974	691528	32	6	11/21/1974	4:54	3.4	11.7	11	1169	7.55	9.7	FS	37
1974	691529	32	6	11/21/1974	5:03	3.4	12	10.8	1201	7.63	12	FS	37
1974	691530	32	6	11/21/1974	5:12	3.4	11.8	11	1193	7.57	9.8	FS	37
1974	691531	31	6	11/21/1974	5:24	3.4	11.4	11	1231	7.56	8.4	FS	37
1974	691532	30	4	11/24/1974	18:41	4.9	11	10.5	1594	7.41	12	FS	38
1974	691533	29	4	11/24/1974	18:52	4.6	11	10.5	1432	7.58	6	FS	38
1974	691534	30	4	11/24/1974	19:05	4.6	10.9	10.9	1354	7.5	8	FS	38
1974	691535	29	4	11/24/1974	19:16	3.7	11	10.7	1378	7.52	6	FS	38
1974	691536	29	4	11/24/1974	19:29	6.1	11	10.7	1757	7.53	7.9	FS	38
1974	691537	28	5	11/24/1974	19:38	6.7	10.9	10.8	1761	7.62	7.8	FS	38
1974	691538	26	6	11/24/1974	19:57	3	10.8	0	1643	7.6	2.4	FS	38
1974	691539	26	4	11/24/1974	20:11	3.7	10.8	10.7	2064	7.63	8	FS	38
1974	691540	26	4	11/24/1974	20:23	3.7	11	10.5	2027	7.66	6	FS	38
1974	691541	26	4	11/24/1974	20:34	3.7	11	10.4	2135	7.67	1.9	FS	38
1974	691542	26	4	11/24/1974	20:44	4.9	11	10.5	2148	7.6	8.1	FS	38
1974	691543	25	4	11/24/1974	20:57	4.9	11	10.5	1892	7.7	6	FS	38
1974	691544	25	5	11/24/1974	21:09	7	11	10.5	2567	7.63	5.8	FS	38
1974	691545	25	4	11/24/1974	21:21	4.9	11	10.3	2702	7.72	12	FS	38
1974	691546	24	4	11/24/1974	21:31	3.7	10.9	10.6	2438	7.82	14	FS	38
1974	691547	24	4	11/24/1974	21:41	6.1	10.9	10.4	2628	7.73	10	FS	38
1974	691548	24	4	11/24/1974	21:52	4.6	11	10.3	3094	7.72	18	FS	38
1974	691549	23	4	11/24/1974	22:05	4.6	11	10.2	3608	7.78	16	FS	38
1974	691550	22	4	11/24/1974	22:28	4.6	10.8	0	2783	7.76	6	FS	38
1974	691551	21	4	11/24/1974	22:40	4.6	10.9	10.4	3386	7.8	31	FS	38
1974	691552	20	4	11/24/1974	22:50	4.3	11	10.3	3378	7.78	32	FS	38
1974	691553	20	4	11/24/1974	23:01	4.6	10.9	10.2	3549	7.71	49	FS	38
1974	691554	19	4	11/24/1974	23:16	4.6	10.8	10.3	3679	7.69	30	FS	38
1974	691555	18	4	11/24/1974	23:31	4.6	10.8	10.4	3802	7.7	35	FS	38
1974	691556	18	4	11/24/1974	23:41	4.6	10.9	10.4	3765	7.7	38	FS	38
1974	691557	17	4	11/24/1974	23:52	4.9	11	10.3	3729	7.65	41	FS	38
1974	691558	17	4	11/25/1974	0:04	4.6	10.9	10.4	4023	7.69	41	FS	38
1974	691559	17	4	11/25/1974	0:16	4.6	10.7	10.3	3988	7.78	36	FS	38

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1974	691560	16	4	11/25/1974	0:31	4.3	11	10.2	4121	7.77	26	FS	38
1974	691561	15	4	11/25/1974	0:44	3.4	10.8	10.1	4752	7.8	31	FS	38
1974	691562	15	4	11/25/1974	0:52	4.6	11	10	4932	7.48	14	FS	38
1974	691563	14	4	11/25/1974	1:00	4.3	10.9	9.9	5350	7.45	18	FS	38
1974	691564	14	4	11/25/1974	1:11	4.3	11	10	5108	7.69	16	FS	38
1974	691565	28	6	11/25/1974	3:01	3	10.6	10.8	1091	7.73	9	FS	38
1974	691566	29	6	11/25/1974	3:12	3	10.8	10.7	1208	7.64	10	FS	38
1974	691567	29	6	11/25/1974	3:25	3	10.5	10.7	944	7.53	10	FS	38
1974	691568	30	6	11/25/1974	3:39	3	11	10.4	946	7.5	8	FS	38
1974	691569	30	4	11/25/1974	3:54	4.9	11	10	1608	7.56	10	FS	38
1974	691570	30	4	11/25/1974	4:06	4.6	11	10	1081	7.39	9.8	FS	38
1974	691571	31	4	11/25/1974	4:22	4.6	11.1	0	1213	7.32	13	FS	38
1974	691572	31	4	11/25/1974	4:38	4.6	11	10.3	1473	7.5	10	FS	38
1974	691573	31	6	11/25/1974	4:54	3.7	10.1	10.8	842	7.5	12	FS	38
1974	691574	31	6	11/25/1974	5:06	4.3	10.3	10.8	687	7.5	8.5	FS	38
1974	691575	32	6	11/25/1974	5:17	3.7	11	10.5	581	7.32	3.9	FS	38
1974	691576	32	6	11/25/1974	5:27	3.7	11	10.4	459	7.35	4	FS	38
1974	691577	32	5	11/25/1974	18:40	10.7	10.1	11	628	7.6	8	FS	38
1974	691578	33	6	11/25/1974	18:57	3.7	10	11.1	1038	7.9	9	FS	38
1974	691579	33	6	11/25/1974	19:06	3.7	9	11.7	908	7.9	12	FS	38
1974	691580	33	6	11/25/1974	19:17	3	9	11.7	823	8	9	FS	38
1974	691581	33	6	11/25/1974	19:27	3	9.1	11.7	1033	7.9	11	FS	38
1974	691582	34	5	11/25/1974	19:45	7.6	9.1	11.5	1019	8	8.5	FS	38
1974	691583	34	6	11/25/1974	19:57	4	9.2	11.6	861	8	7.9	FS	38
1974	691584	34	6	11/25/1974	20:06	3.7	9.5	11.5	701	7.9	8	FS	38
1974	691585	35	6	11/25/1974	20:18	3.7	9.5	11.6	263	8	7.5	FS	38
1974	691586	35	6	11/25/1974	20:31	4.6	9.5	11.4	293	7.9	10	FS	38
1974	691587	35	6	11/25/1974	20:41	4.9	10	10.5	997	7.8	6	FS	38
1974	691588	34	4	11/25/1974	20:57	5.5	9.9	10.9	544	7.89	6	FS	38
1974	691589	35	5	11/25/1974	21:14	12.2	9.9	10.3	1082	7.7	7	FS	38
1974	691590	36	4	11/25/1974	21:27	4.6	10	10.5	658	7.8	6	FS	38
1974	691591	36	4	11/25/1974	21:40	4.6	10.1	10.5	552	7.7	5.8	FS	38
1974	691592	36	5	11/25/1974	21:49	7.6	9.9	10.3	1360	7.6	6	FS	38
1974	691593	36	4	11/25/1974	22:09	3.7	9.5	10.5	420	7.7	15	FS	38
1974	691594	36	6	11/25/1974	22:19	3.7	10	10.6	334	7.7	12	FS	38
1974	691595	37	6	11/25/1974	22:30	3.7	10	10.4	374	7.7	10	FS	38
1974	691596	37	6	11/25/1974	22:38	3.7	10	9.4	374	7.7	14	FS	38
1974	691597	37	6	11/25/1974	22:48	5.5	10	9.7	817	7.7	5.5	FS	38
1974	691598	37	5	11/25/1974	22:59	12.2	10	8.5	4887	7.6	9.5	FS	38
1974	691599	38	6	11/25/1974	23:14	3.7	9.9	9.9	389	7.6	10	FS	38
1974	691600	38	6	11/25/1974	23:23	4.6	10	10.4	346	7.79	9.5	FS	38
1974	691601	38	6	11/25/1974	23:33	3.7	10	9.4	235	7.72	18	FS	38
1974	691602	39	6	11/25/1974	23:41	3	10	9.2	233	7.72	14	FS	38
1974	691603	39	4	11/25/1974	23:57	3	9.2	10.1	229	7.8	9.8	FS	38
1974	691604	40	5	11/26/1974	0:09	22.9	10	9.9	886	7.7	8	FS	38
1974	691605	40	5	11/26/1974	0:22	7.6	9.8	10	223	7.8	20	FS	38
1974	691607	58	6	11/26/1974	18:58	2.4	7.9	0	216	7.52	2.8	FS	38
1974	691608	58	6	11/26/1974	19:06	2.4	8	0	218	7.5	3.6	FS	38
1974	691609	58	5	11/26/1974	19:15	7.6	7.1	11	212	7.5	3.1	FS	38
1974	691610	60	6	11/26/1974	19:26	3.7	8	11.4	215	7.5	3.2	FS	38
1974	691611	60	6	11/26/1974	19:34	4.6	8	11.3	207	7.5	3	FS	38
1974	691612	61	5	11/26/1974	19:49	12.2	8.1	11	215	7.5	3.3	FS	38
1974	691614	64	5	11/26/1974	20:24	15.2	8	11.4	217	7.5	3.2	FS	38
1974	691615	65	5	11/26/1974	20:38	15.2	8	11.1	218	7.5	5.6	FS	38
1974	691616	68	5	11/26/1974	21:05	7.6	8.1	11.4	218	7.5	4.6	FS	38
1974	691617	74	5	11/26/1974	21:45	18.3	8.1	11.8	225	7.6	4.4	FS	38
1974	691618	76	5	11/26/1974	22:16	18.3	8.1	11.7	205	7.6	7.7	FS	38
1974	691619	57	4	11/27/1974	0:24	3.7	9.8	11.3	223	7.5	3.3	FS	38
1974	691620	56	6	11/27/1974	0:36	3	8	11.8	223	7.6	5.1	FS	38

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1974	691621	55	5	11/27/1974	0:49	18.3	9	11.4	220	7.61	3.1	FS	38
1974	691622	53	5	11/27/1974	1:04	19.8	9	11.3	224	7.6	3	FS	38
1974	691623	52	5	11/27/1974	1:22	54.9	9	11.2	220	7.6	3.8	FS	38
1974	691624	49	5	11/27/1974	1:45	30.5	9.5	11.2	223	7.6	4.2	FS	38
1974	691625	48	5	11/27/1974	2:01	15.2	9.1	11.3	225	7.6	4.4	FS	38
1974	691626	46	5	11/27/1974	2:16	39.6	9.6	11.3	217	7.6	3.8	FS	38
1974	691627	44	4	11/27/1974	2:35	4.6	9.5	11.3	221	7.7	3.3	FS	38
1974	691628	43	5	11/27/1974	2:49	24.4	9.2	11.2	226	7.6	3.7	FS	38
1974	691629	43	6	11/27/1974	3:04	3.7	9.4	11.2	225	7.7	2.3	FS	38
1974	691630	43	6	11/27/1974	3:14	6.1	9.1	11	224	7.7	2.8	FS	38
1974	691631	42	5	11/27/1974	3:30	9.1	9.5	10.3	221	7.6	4.4	FS	38
1974	691632	42	4	11/27/1974	3:44	4.6	9.1	10.7	224	7.7	3.8	FS	38
1974	691633	41	5	11/27/1974	3:59	15.2	9.5	11.4	224	7.7	5.8	FS	38
1974	691634	53	5	12/2/1974	18:50	7.9	8	10.6	207	7.7	13	FS	39
1974	691636	53	5	12/2/1974	19:19	24.4	8	10.7	215	7.7	31	FS	39
1974	691638	57	6	12/2/1974	20:11	2.7	7.1	11.1	216	7.6	14	FS	39
1974	691639	56	6	12/2/1974	20:22	3.4	7	11.2	212	7.7	15	FS	39
1974	691640	57	5	12/2/1974	20:37	15.8	7.1	11	216	7.7	22	FS	39
1974	691641	57	5	12/2/1974	20:53	6.4	7.1	11.1	221	7.7	10	FS	39
1974	691642	58	5	12/2/1974	21:14	11	7.2	11	357	7.6	10	FS	39
1974	691643	59	6	12/2/1974	21:34	4.6	7	11.1	224	7.6	15	FS	39
1974	691644	59	6	12/2/1974	21:44	3.7	7	11.1	224	7.7	20	FS	39
1974	691645	60	6	12/2/1974	22:05	4.3	7	11	224	7.6	12	FS	39
1974	691646	63	5	12/2/1974	22:39	13.7	7	11	209	7.5	17	FS	39
1974	691647	64	6	12/2/1974	22:55	4	7	11	212	7.6	9	FS	39
1974	691649	66	5	12/2/1974	23:34	18.3	7	11.1	209	7.6	15	FS	39
1974	691651	70	5	12/3/1974	0:25	18.3	6.8	11.1	195	7.6	13	FS	39
1974	691652	71	5	12/3/1974	0:44	19.8	6.5	11	197	7.5	10	FS	39
1974	691653	52	5	12/3/1974	3:30	27.4	7.8	10.7	424	7.6	10	FS	39
1974	691655	49	5	12/3/1974	4:24	30.5	8	10.6	278	7.6	12	FS	39
1974	691656	48	5	12/3/1974	4:42	33.5	8.2	10.6	340	7.7	8	FS	39
1974	691657	45	5	12/3/1974	5:08	36.6	8.2	10.6	447	7.7	9	FS	39
1974	691658	44	4	12/3/1974	5:21	4.6	8.1	10.6	421	7.7	10	FS	39
1974	691659	44	5	12/3/1974	5:34	24.4	8.2	10.6	405	7.7	11	FS	39
1974	691660	43	5	12/3/1974	5:48	13.7	8.2	10.6	432	7.6	8	FS	39
1974	691661	42	5	12/3/1974	5:57	22.6	8.8	10.6	428	7.8	11	FS	39
1974	691662	14	4	12/3/1974	18:56	3.7	8.1	10.8	9291	7.7	49	FS	39
1974	691663	15	4	12/3/1974	19:09	4.3	8	11	8878	7.7	80	FS	39
1974	691664	15	4	12/3/1974	19:21	5.2	8	11	9169	7.7	81	FS	39
1974	691665	16	4	12/3/1974	19:35	4.9	8	11	9024	7.7	42	FS	39
1974	691666	16	4	12/3/1974	19:50	5.5	7.9	11.1	9339	7.7	40	FS	39
1974	691667	17	4	12/3/1974	20:00	4.9	8	11	8878	7.8	31	FS	39
1974	691668	17	4	12/3/1974	20:12	5.5	8	11	8878	7.7	32	FS	39
1974	691670	19	4	12/3/1974	20:45	4.3	7.9	11.4	7296	7.8	30	FS	39
1974	691671	20	4	12/3/1974	20:58	4.3	7.5	11.6	6782	7.8	23	FS	39
1974	691672	20	4	12/3/1974	21:11	4.9	7.5	11.6	6561	7.8	26	FS	39
1974	691673	20	4	12/3/1974	21:25	4	7.2	11.7	6420	7.8	28	FS	39
1974	691674	21	4	12/3/1974	21:37	4	7.1	11.8	6109	7.9	25	FS	39
1974	691675	22	4	12/3/1974	21:49	3.4	7	11.8	5961	7.8	25	FS	39
1974	691676	22	4	12/3/1974	22:00	4.3	7.5	11.7	5765	7.85	20	FS	39
1974	691677	22	5	12/3/1974	22:15	7.3	7.9	11.5	5954	7.8	18	FS	39
1974	691678	23	4	12/3/1974	22:43	5.2	7.5	11.7	5131	7.8	16	FS	39
1974	691679	24	4	12/3/1974	22:58	5.8	7.5	11.7	5013	7.8	15	FS	39
1974	691680	25	4	12/3/1974	23:14	5.2	7.5	11.6	5308	7.8	15	FS	39
1974	691681	25	4	12/3/1974	23:23	6.1	7.8	11.6	4842	7.8	15	FS	39
1974	691682	25	5	12/3/1974	23:37	8.2	7.9	11.5	4538	7.8	15	FS	39
1974	691683	25	5	12/3/1974	23:53	7	7.5	11.7	4718	7.8	15	FS	39
1974	691684	26	4	12/4/1974	0:16	5.5	7.5	11.5	4718	7.9	12	FS	39
1974	691685	26	4	12/4/1974	0:30	5.2	7.5	11.8	4689	7.9	14	FS	39

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1974	691686	26	4	12/4/1974	0:43	3.7	7.5	11.9	4718	7.5	15	FS	39
1974	691687	26	4	12/4/1974	0:53	4	7	11.9	4721	7.8	15	FS	39
1974	691688	25	6	12/4/1974	1:10	2.4	7.5	11.7	4114	7.8	20	FS	39
1974	691689	42	4	12/4/1974	19:10	4.6	6.8	11.2	572	7.5	18	FS	39
1974	691690	42	5	12/4/1974	19:22	7.9	6.8	11.2	287	7.5	22	FS	39
1974	691691	41	5	12/4/1974	19:40	14.9	7	11.1	394	7.5	24	FS	39
1974	691692	40	4	12/4/1974	19:56	4.3	7	11.1	506	7.5	16	FS	39
1974	691693	40	5	12/4/1974	20:10	8.5	7	11.1	554	7.5	15	FS	39
1974	691694	39	4	12/4/1974	20:26	5.5	7	11.2	503	7.6	25	FS	39
1974	691695	38	4	12/4/1974	20:39	4.3	7	11.2	881	7.6	26	FS	39
1974	691696	37	4	12/4/1974	20:50	5.2	7	11.2	852	7.6	32	FS	39
1974	691697	39	6	12/4/1974	21:10	4	7	11.1	1046	7.6	18	FS	39
1974	691698	38	6	12/4/1974	21:20	2.4	7	11.1	1345	7.6	15	FS	39
1974	691699	38	6	12/4/1974	21:30	2.4	7	11.1	1643	7.6	18	FS	39
1974	691700	37	6	12/4/1974	21:40	2.7	7	11	1359	7.6	21	FS	39
1974	691701	37	6	12/4/1974	21:54	4.3	7	11.2	1076	7.6	20	FS	39
1974	691702	37	5	12/4/1974	22:04	7	7	11.1	1270	7.5	22	FS	39
1974	691703	36	6	12/4/1974	22:16	2.7	7	11.1	1449	7.55	20	FS	39
1974	691704	36	6	12/4/1974	22:26	2.7	7	11	1449	7.55	18	FS	39
1974	691705	36	6	12/4/1974	22:40	2.7	6.9	11.2	1633	7.6	13	FS	39
1974	691706	36	6	12/4/1974	22:50	2.7	6.5	11.3	1968	7.6	12	FS	39
1974	691707	35	6	12/4/1974	23:00	2.4	6.2	11.5	763	7.6	5.9	FS	39
1974	691708	35	6	12/4/1974	23:14	3	6.5	11.3	2135	7.6	16	FS	39
1974	691709	35	6	12/4/1974	23:30	4.6	6.9	11.2	1723	7.6	16	FS	39
1974	691710	35	4	12/4/1974	23:46	4	7	10.9	1195	7.6	15	FS	39
1974	691711	34	5	12/5/1974	0:01	12.5	7	11.1	1509	7.6	17	FS	39
1974	691712	34	5	12/5/1974	0:36	9.4	7	11.3	1942	7.6	20	FS	39
1974	691713	34	6	12/5/1974	0:53	4	7.8	11.4	1887	7.7	25	FS	39
1974	691714	35	6	12/5/1974	1:04	4	7.7	11.3	1804	7.7	22	FS	39
1974	691715	34	6	12/5/1974	1:20	4	7	11.8	1852	7.7	30	FS	39
1974	691716	33	5	12/5/1974	1:36	9.4	7.5	11.6	2507	7.8	20	FS	39
1974	691717	33	6	12/5/1974	1:56	4.3	7.8	11.4	1917	7.8	18	FS	39
1974	691718	33	6	12/5/1974	2:10	2.7	7.2	11.4	1932	7.8	17	FS	39
1974	691719	33	6	12/5/1974	2:25	3	6.9	11.9	1573	7.8	29	FS	39
1974	691720	32	6	12/5/1974	2:36	3.7	6.9	11.7	1962	7.8	27	FS	39
1974	691721	32	6	12/5/1974	2:46	3.7	7	11.5	1793	7.75	16	FS	39
1974	691722	32	6	12/5/1974	2:55	3.7	7	11.5	1927	7.8	20	FS	39
1974	691723	31	6	12/5/1974	3:10	3.7	7	11.6	1987	7.8	27	FS	39
1974	691724	31	6	12/5/1974	3:23	3.7	6.5	12	1741	7.9	32	FS	39
1974	691725	31	6	12/5/1974	3:35	5.5	7	11.4	3555	7.89	45	FS	39
1974	691726	30	6	12/5/1974	3:49	3.7	0	0	2628	7.7	36	FS	39
1974	691727	30	4	12/5/1974	4:06	4.6	7.1	11.3	3725	7.8	19	FS	39
1974	691728	31	4	12/5/1974	4:20	5.2	7.1	11.3	3948	7.8	17	FS	39
1974	691729	31	4	12/5/1974	4:30	4.3	7	11.5	3660	7.8	16	FS	39
1974	691730	29	6	12/5/1974	18:42	3	7	11.4	3884	7.8	20	FS	39
1974	691731	28	6	12/5/1974	18:55	2.7	6.9	11.5	4314	7.7	22	FS	39
1974	691732	28	5	12/5/1974	19:11	12.2	7	11.4	4407	7.7	15	FS	39
1974	691733	28	4	12/5/1974	19:20	3.7	7	11.7	4168	7.7	20	FS	39
1974	691734	28	4	12/5/1974	19:33	3.4	6.8	12	4205	7.8	17	FS	39
1974	691735	29	4	12/5/1974	19:52	4.6	7	11.6	4452	7.7	33	FS	39
1974	691736	29	4	12/5/1974	20:06	5.2	7	11.7	4034	7.7	32	FS	39
1974	691737	30	4	12/5/1974	20:17	4	7	11.7	3436	7.7	32	FS	39
1974	691738	29	4	12/5/1974	20:31	3.4	7	11.8	3750	7.69	22	FS	39
1974	691739	30	4	12/5/1974	20:43	3.4	7	11.8	3511	7.71	19	FS	39
1974	691740	43	6	12/9/1974	18:14	6.1	4.8	10.4	211	7.3	16	FS	40
1974	691741	43	5	12/9/1974	18:27	18.3	4.7	11.8	231	7.32	17	FS	40
1974	691742	43	5	12/9/1974	18:39	15.2	5.1	11.7	223	7.68	18	FS	40
1974	691743	42	5	12/9/1974	18:52	15.2	4.1	11.7	230	7.6	16	FS	40
1974	691744	42	4	12/9/1974	19:04	3.7	4.5	11.7	222	7.53	15	FS	40

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1974	691745	42	4	12/9/1974	19:16	3.7	5.2	11.7	220	7.48	16	FS	40
1974	691747	40	4	12/9/1974	19:50	4.6	4.3	11.6	229	7.49	15	FS	40
1974	691748	40	5	12/9/1974	20:03	15.2	4.7	11.8	234	7.52	17	FS	40
1974	691749	40	6	12/9/1974	20:14	4.6	4.4	11.7	350	7.5	17	FS	40
1974	691750	40	6	12/9/1974	20:24	4.6	4.9	11.9	367	7.44	17	FS	40
1974	691751	39	5	12/9/1974	20:37	15.2	5.1	11.8	260	7.46	15	FS	40
1974	691752	38	5	12/9/1974	20:50	10.7	4.8	11.5	263	7.37	16	FS	40
1974	691753	38	6	12/9/1974	21:01	3.7	4.8	11.7	330	7.45	16	FS	40
1974	691754	38	6	12/9/1974	21:14	4.6	4.5	11.8	344	7.46	16	FS	40
1974	691755	38	6	12/9/1974	21:25	3.7	4.1	12.1	372	7.52	16	FS	40
1974	691756	38	6	12/9/1974	21:36	4.6	3.7	11.8	295	7.43	15	FS	40
1974	691757	37	5	12/9/1974	21:51	12.2	3.9	11.9	248	7.42	15	FS	40
1974	691758	38	4	12/9/1974	22:05	5.5	5.1	11.6	374	7.47	15	FS	40
1974	691759	37	6	12/9/1974	22:21	6.1	4.3	11.9	251	7.38	17	FS	40
1974	691760	37	6	12/9/1974	22:36	3	4.2	12	354	7.46	16	FS	40
1974	691761	36	6	12/9/1974	22:46	3	4.5	11.9	381	7.43	16	FS	40
1974	691762	36	6	12/9/1974	22:58	3	4.7	12	328	7.47	17	FS	40
1974	691763	36	6	12/9/1974	23:11	3	5.5	12.3	401	7.41	17	FS	40
1974	691764	36	6	12/9/1974	23:20	3	5.4	12.4	356	7.43	16	FS	40
1974	691765	35	6	12/9/1974	23:33	3	4.7	12.1	347	7.48	18	FS	40
1974	691766	36	5	12/9/1974	23:50	7.6	4.9	12	259	7.43	18	FS	40
1974	691767	36	4	12/10/1974	0:33	3.7	5.5	11.9	498	7.38	23	FS	40
1974	691768	37	4	12/10/1974	0:41	2.7	5.4	12.1	401	7.42	22	FS	40
1974	691769	35	6	12/10/1974	1:00	3.7	5.3	11.9	332	7.42	26	FS	40
1974	691770	35	6	12/10/1974	1:11	4.6	5	12	377	7.51	26	FS	40
1974	691772	34	5	12/10/1974	1:37	13.7	5.1	11.8	420	7.39	20	FS	40
1974	691774	33	4	12/10/1974	2:00	4.6	5.9	11.7	711	7.43	20	FS	40
1974	691775	33	4	12/10/1974	2:10	4.3	5.7	11.9	591	7.41	18	FS	40
1974	691776	33	6	12/10/1974	2:24	4.6	5.9	12	877	7.43	20	FS	40
1974	691777	33	6	12/10/1974	2:36	1.8	5.7	11.9	1454	7.52	24	FS	40
1974	691778	33	6	12/10/1974	2:44	1.8	5.1	12.2	1385	7.44	20	FS	40
1974	691779	33	6	12/10/1974	2:55	2.4	5	12.2	1878	7.47	23	FS	40
1974	691780	32	6	12/10/1974	3:12	3	5.4	12.1	1248	7.57	18	FS	40
1974	691781	32	5	12/10/1974	3:33	9.1	5.2	11.9	372	7.43	18	FS	40
1974	691782	32	4	12/10/1974	3:44	4.6	5.8	10.8	483	7.43	16	FS	40
1974	691783	31	4	12/10/1974	3:57	4.9	5.3	11.9	610	7.41	17	FS	40
1974	691784	31	4	12/10/1974	4:07	4.6	5.6	11.9	680	7.39	16	FS	40
1974	691785	31	4	12/10/1974	4:15	4.6	5.7	11.8	664	7.51	17	FS	40
1974	691786	31	6	12/10/1974	4:34	3.7	5.3	12	559	7.53	18	FS	40
1974	691787	31	6	12/10/1974	4:46	4.3	5.3	12	1080	7.51	20	FS	40
1974	691788	30	5	12/10/1974	5:01	15.2	5.5	11.8	447	7.43	20	FS	40
1974	691789	30	6	12/10/1974	5:16	3.7	5	12.1	664	7.48	18	FS	40
1974	691790	30	4	12/10/1974	5:37	4.9	6.1	11.8	1240	7.46	19	FS	40
1974	691791	30	4	12/10/1974	5:48	4.6	5.6	11.8	1272	7.39	19	FS	40
1974	691792	30	4	12/10/1974	5:57	4.3	5.3	11.9	1205	7.48	20	FS	40
1974	691793	29	4	12/10/1974	6:06	4.9	5.8	11.8	1003	7.46	23	FS	40
1974	691794	45	5	12/10/1974	18:48	33.5	4.4	12.7	197	7.45	21	FS	40
1974	691795	47	5	12/10/1974	19:12	33.5	4.2	12.8	191	7.47	18	FS	40
1974	691797	49	5	12/10/1974	19:49	29	4.3	12.8	198	7.35	16	FS	40
1974	691798	51	5	12/10/1974	20:19	27.4	5	13.1	216	7.25	29	FS	40
1974	691799	55	5	12/10/1974	20:54	18.3	4.2	12.8	226	7.2	19	FS	40
1974	691800	55	5	12/10/1974	21:09	24.4	3.6	13.1	210	7.25	18	FS	40
1974	691801	57	4	12/10/1974	21:33	3.7	4.2	12.8	234	7.26	15	FS	40
1974	691802	58	6	12/10/1974	21:47	3	3.8	13.6	222	7.22	16	FS	40
1974	691803	58	5	12/10/1974	21:58	11.6	3.5	13.5	218	7.23	20	FS	40
1974	691804	58	6	12/10/1974	22:13	3.4	3.8	13	225	7.26	17	FS	40
1974	691805	59	6	12/10/1974	22:27	3	3.3	13.2	229	7.23	18	FS	40
1974	691806	59	5	12/10/1974	22:41	14.6	4	13	211	7.26	16	FS	40
1974	691807	60	6	12/10/1974	22:57	2.4	3.6	13.1	232	7.26	16	FS	40

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1974	691808	61	6	12/10/1974	23:16	3	3.6	13.1	243	7.31	15	FS	40
1974	691809	64	5	12/10/1974	23:49	15.2	2.9	13.8	233	7.26	13	FS	40
1974	691810	65	5	12/11/1974	0:04	16.8	2.8	13.3	232	7.23	15	FS	40
1974	691811	69	5	12/11/1974	0:41	15.2	2.6	13.5	239	7.22	12	FS	40
1974	691812	71	5	12/11/1974	1:01	16.8	2.4	13.3	210	7.26	14	FS	40
1974	691813	74	5	12/11/1974	1:31	27.4	3.5	13.8	199	7.23	22	FS	40
1974	691814	29	4	12/11/1974	18:27	4.6	5.9	12.6	417	7.35	18	FS	40
1974	691815	29	4	12/11/1974	18:37	4.9	5.4	12.6	343	7.37	21	FS	40
1974	691816	28	5	12/11/1974	20:42	9.8	4.7	12.8	391	7.43	18	FS	40
1974	691817	28	6	12/11/1974	20:54	4	4.8	12.9	527	7.43	18	FS	40
1974	691818	28	6	12/11/1974	21:04	3.7	5	12.9	532	7.4	16	FS	40
1974	691819	28	4	12/11/1974	21:21	4.9	5.8	12.5	525	7.36	18	FS	40
1974	691820	26	4	12/11/1974	21:31	4.6	5.2	12.7	579	7.38	18	FS	40
1974	691821	26	4	12/11/1974	21:39	4.3	5.5	12.7	778	7.4	17	FS	40
1974	691822	26	4	12/11/1974	21:49	4	5.3	12.7	782	7.33	17	FS	40
1974	691823	25	4	12/11/1974	21:59	4.9	6	12.7	740	7.32	16	FS	40
1974	691824	25	4	12/11/1974	22:08	6.1	5.4	12.6	1248	7.36	18	FS	40
1974	691825	24	4	12/11/1974	22:17	3	5.6	12.8	807	7.27	18	FS	40
1974	691826	24	4	12/11/1974	22:25	4.6	5.8	12.7	818	7.29	20	FS	40
1974	691827	24	4	12/11/1974	22:34	4.9	6.4	12.2	805	7.27	20	FS	40
1974	691828	22	4	12/11/1974	22:47	4.6	5.8	12.6	864	7.36	24	FS	40
1974	691829	22	4	12/11/1974	22:58	3.7	5.7	12.6	975	7.35	25	FS	40
1974	691830	21	4	12/11/1974	23:06	4.6	6.4	12.5	1017	7.26	32	FS	40
1974	691831	20	4	12/11/1974	23:15	3.7	5.7	12.5	1160	7.28	32	FS	40
1974	691832	20	4	12/11/1974	23:25	4.6	5.9	12.5	1246	7.24	39	FS	40
1974	691834	19	4	12/11/1974	23:41	5.5	5.9	12.5	1339	7.26	42	FS	40
1974	691835	19	4	12/11/1974	23:50	4.6	6	12.4	1350	7.21	39	FS	40
1974	691836	18	4	12/12/1974	0:01	4.6	5.6	12.4	1350	7.24	44	FS	40
1974	691837	18	4	12/12/1974	0:12	4.6	6	12.5	1304	7.31	49	FS	40
1974	691838	17	4	12/12/1974	0:24	4.3	6	12.5	1366	7.4	46	FS	40
1974	691839	17	4	12/12/1974	0:36	4.6	6.3	12.2	1400	7.25	55	FS	40
1974	691840	17	4	12/12/1974	0:46	3.7	6.1	12.5	1439	7.38	56	FS	40
1974	691841	16	4	12/12/1974	0:58	4.6	5.7	12.3	1578	7.26	49	FS	40
1974	691842	15	4	12/12/1974	1:09	4.6	6.2	12.4	1511	7.21	46	FS	40
1974	691843	15	4	12/12/1974	1:20	4.6	6.3	12.4	1644	7.3	53	FS	40
1974	691844	14	4	12/12/1974	1:34	4.6	6.8	12.4	1907	7.22	43	FS	40
1977	970001	68	5	8/15/1977	21:00	13	25.5	7.8	277	7.4	7	FS	21
1977	970002	66	5	8/15/1977	21:23	11	25.5	7.7	312	7.4	11	FS	21
1977	970003	63	5	8/15/1977	21:41	15	26	7.8	283	7.4	9	FS	21
1977	970004	62	5	8/15/1977	22:02	13	26	7.8	343	7.4	10	FS	21
1977	970005	59	5	8/15/1977	22:29	12	26	7.6	761	7.4	34	FS	21
1977	970006	59	6	8/15/1977	22:47	5	26	7.4	683	7.4	6	FS	21
1977	970007	58	6	8/15/1977	23:00	5	25.5	7.3	1465	7.4	21	FS	21
1977	970008	58	5	8/15/1977	23:10	12	26	7	1735	7.4	24	FS	21
1977	970009	58	5	8/15/1977	23:24	13	26	6.9	1764	7.4	49	FS	21
1977	970010	58	5	8/15/1977	23:35	12	26	6.6	1362	7.4	27	FS	21
1977	970011	58	6	8/15/1977	23:50	5	26	7.3	1098	7.4	11	FS	21
1977	970012	57	6	8/16/1977	0:04	5	26	7	1490	7.4	20	FS	21
1977	970013	57	5	8/16/1977	0:25	10	25.5	5	2247	7.4	59	FS	21
1977	970014	57	6	8/16/1977	0:40	5	25.5		3346	7.3	25	FS	21
1977	970015	56	6	8/16/1977	0:54	4	25.5		3244	7.3	16	FS	21
1977	970016	55	5	8/16/1977	1:05	18	26		4265	7.3	46	FS	21
1977	970017	55	5	8/16/1977	1:20	16	25.5		4378	7.3	100	FS	21
1977	970018	53	5	8/16/1977	1:43	23	25.5		5028	7.3	21	FS	21
1977	970019	53	5	8/16/1977	1:56	26	25.5		5324	7.2	77	FS	21
1977	970020	50	5	8/16/1977	2:20	24	26		7222	7.3	22	FS	21
1977	970021	48	5	8/16/1977	2:37	21	26		7124	7.3	6	FS	21
1977	970022	46	5	8/16/1977	2:57	32	26		8783	7.3	22	FS	21
1977	970023	46	5	8/16/1977	3:10	35	26		9174	7.3	14	FS	21

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1977	970024	44	4	8/16/1977	3:27	5	26		8783	7.3	5	FS	21
1977	970025	44	4	8/16/1977	3:39	6	26		8588	7.3	7	FS	21
1977	970026	42	4	8/16/1977	20:42	3	26.5	4.6	8694	7.3	7	FS	21
1977	970027	42	4	8/16/1977	20:54	4	26.5	4.6	8694	7.2	14	FS	21
1977	970028	41	5	8/16/1977	21:05	16	26.5	4.7	8501	7.2	10	FS	21
1977	970030	40	4	8/16/1977	21:31	5	27	4.3	8224	7.2	12	FS	21
1977	970031	40	4	8/16/1977	21:44	6	27	4.3	8128	7.2	14	FS	21
1977	970032	40	5	8/16/1977	21:55	21	26.5	4.2	8694	7.2	14	FS	21
1977	970033	39	5	8/16/1977	22:08	16	26.5	4.2	9950	7.2	14	FS	21
1977	970034	39	5	8/16/1977	22:18	12	26.5	4.6	10143	7.2	15	FS	21
1977	970035	38	6	8/16/1977	22:42	5	26	5.4	10540	7.3	12	FS	21
1977	970036	38	6	8/16/1977	22:53	4	26	5.6	10638	7.3	14	FS	21
1977	970037	37	6	8/16/1977	23:04	5	26	5.9	11126	7.4	14	FS	21
1977	970038	37	6	8/16/1977	23:15	5	26	6	11028	7.4	15	FS	21
1977	970039	37	6	8/16/1977	23:28	5	26	5.8	11223	7.4	20	FS	21
1977	970040	36	6	8/16/1977	23:36	5	26	5.7	10931	7.4	16	FS	21
1977	970041	36	6	8/16/1977	23:47	5	26	5.8	10833	7.4	13	FS	21
1977	970042	37	5	8/17/1977	0:04	8	26.5	5.3	10433	7.3	15	FS	21
1977	970043	37	5	8/17/1977	0:15	13	26.5	5	11496	7.2	18	FS	21
1977	970044	36	5	8/17/1977	0:30	9	26	5	11809	7.2	26	FS	21
1977	970045	36	5	8/17/1977	0:42	9	26	5	11906	7.2	23	FS	21
1977	970046	36	5	8/17/1977	0:53	12	26	4.9	12004	7.2	36	FS	21
1977	970047	36	5	8/17/1977	1:05	13	26	4.9	12102	7.3	34	FS	21
1977	970048	36	5	8/17/1977	1:52		26		11614	7.3	7.4	FS	21
1977	970049	36	5	8/17/1977	2:02	9	25.5	5.3	12522	7.3	29	FS	21
1977	970050	36	4	8/17/1977	2:13	5	26	5.4	11516	7.3	14	FS	21
1977	970051	36	4	8/17/1977	2:27	3	26	5.4	11419	7.3	18	FS	21
1977	970052	36	5	8/17/1977	4:47	9	25.5	5.4	12719	7.3	15	FS	21
1977	970053	36	6	8/17/1977	5:00	3	26	6.2	11321	7.3	13	FS	21
1977	970054	36	6	8/17/1977	5:10	3	26	6	11223	7.3	11	FS	21
1977	970055	35	6	8/17/1977	5:20	3	26	6.1	11126	7.3	12	FS	21
1977	970056	35	6	8/17/1977	5:27	3	26	6.1	11028	7.3	11	FS	21
1977	970057	16	4	8/17/1977	21:44	6	25	3.4	19723	7.2	27	FS	21
1977	970058	19	4	8/17/1977	22:04	6	24.5	4	18115	7.2	27	FS	21
1977	970059	20	4	8/17/1977	22:19	6	24.5	4.3	17209	7.2	30	FS	21
1977	970060	21	4	8/17/1977	22:34	5	24.5	4.4	17109	7.2	37	FS	21
1977	970061	22	4	8/17/1977	22:58	4	24.5	4.7	16303	7.3	44	FS	21
1977	970062	22	6	8/17/1977	23:10	3	24.5	4.7	16404	7.3	18	FS	21
1977	970063	24	5	8/17/1977	23:25	11	24.5	4.2	17511	7.2	35	FS	21
1977	970064	24	4	8/17/1977	23:35	6	24.5	4.6	16203	7.3	28	FS	21
1977	970065	24	4	8/17/1977	23:47	5	24.5	4.7	16102	7.3	36	FS	21
1977	970066	25	4	8/18/1977	0:01	5	24.5	4.8	16002	7.3	23	FS	21
1977	970067	26	4	8/18/1977	0:20	5	24.5	5.2	15297	7.3	18	FS	21
1977	970068	26	6	8/18/1977	0:35	6	24.5	4.5	16605	7.3	15	FS	21
1977	970069	27	4	8/18/1977	1:15	5	24	5.7	14438	7.3	17	FS	21
1977	970070	27	4	8/18/1977	1:26	4	24	5.7	14642	7.3	19	FS	21
1977	970071	27	4	8/18/1977	1:38	5	24	5.3	15455	7.3	18	FS	21
1977	970072	27	4	8/18/1977	1:48	5	24.5	5.2	15700	7.3	18	FS	21
1977	970073	28	4	8/18/1977	2:04	5	24	5.7	14337	7.3	14	FS	21
1977	970074	29	4	8/18/1977	2:15	5	24.5	5.4	14895	7.3	20	FS	21
1977	970075	29	4	8/18/1977	2:28	5	24.5	5.5	14492	7.3	14	FS	21
1977	970076	29	4	8/18/1977	2:42	6	25	5.1	15141	7.3	14	FS	21
1977	970077	29	5	8/18/1977	3:10	9	24.5	5.2	15297	7.3	11	FS	21
1977	970078	29	6	8/18/1977	3:20	3	24	5.9	13015	7.3	10	FS	21
1977	970079	29	4	8/18/1977	3:35	5	25	5.1	14942	7.3	13	FS	21
1977	970080	29	4	8/18/1977	3:45	5	24.5	5.6	14089	7.3	12	FS	21
1977	970081	30	4	8/18/1977	3:58	5	24.5	5.7	13888	7.3	12	FS	21
1977	970082	28	5	8/18/1977	4:14	13	24.5	5.4	14895	7.3	17	FS	21
1977	970083	30	5	8/18/1977	4:21		24.5		12882	7.3	6.6	FS	21

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970084	30	6	8/18/1977	21:00	3	24	6.4	11693	7.5	19	FS	21
1977	970085	30	4	8/18/1977	21:13	5	24.5	6.2	11674	7.4	23	FS	21
1977	970086	30	4	8/18/1977	21:25	4	24.5	6	12077	7.4	17	FS	21
1977	970087	31	4	8/18/1977	21:36	4	24.5	6	12077	7.4	17	FS	21
1977	970089	31	5	8/18/1977	22:30	8	24.5	5.9	11875	7.4	18	FS	21
1977	970090	31	5	8/18/1977	22:39	9	25	5.9	11953	7.4	15	FS	21
1977	970091	31	6	8/18/1977	22:50	3	24	6.6	11185	7.4	14	FS	21
1977	970092	31	6	8/18/1977	23:05	3	24.5	6.6	11272	7.4	15	FS	21
1977	970093	32	6	8/18/1977	23:28	4	24	6.6	11185	7.5	18	FS	21
1977	970094	32	6	8/18/1977	23:46	4	24	6.7	11083	7.5	15	FS	21
1977	970095	32	5	8/19/1977	0:09	9	24.5	6.1	11775	7.4	29	FS	21
1977	970096	32	5	8/19/1977	0:26	11	24	6.2	11998	7.4	27	FS	21
1977	970097	33	5	8/19/1977	0:37	10	24.5	6.3	11473	7.4	23	FS	21
1977	970098	33	5	8/19/1977	0:52	9	24.5	6.2	11372	7.4	23	FS	21
1977	970099	34	4	8/19/1977	1:07	4	25	6	10758	7.4	26	FS	21
1977	970100	34	5	8/19/1977	1:21	8	25	5.9	11156	7.4	28	FS	21
1977	970101	34	6	8/19/1977	1:37	5	24.5	6	11070	7.4	19	FS	21
1977	970102	35	6	8/19/1977	1:47	5	25	6	11057	7.4	23	FS	21
1977	970103	35	4	8/19/1977	2:00	5	25	6.2	10459	7.4	16	FS	21
1977	970104	36	4	8/19/1977	2:11	3	25	6.5	9961	7.4	15	FS	21
1977	970105	74	5	8/29/1977	20:42	12	25	6	403	7.4	27	FS	22
1977	970106	74	5	8/29/1977	20:58	13	24.5	6	418	7.4	27	FS	22
1977	970107	72	5	8/29/1977	21:18	15	24.5	5.9	362	7.4	15	FS	22
1977	970108	63	5	8/29/1977	22:04	12	25.5	6.3	542	7.4	9	FS	22
1977	970109	60	5	8/29/1977	22:24	13	25.5	6.6	611	7.5	14	FS	22
1977	970110	59	5	8/29/1977	22:42	12	25.5	6.6	592	7.5	29	FS	22
1977	970111	59	6	8/29/1977	23:00	5	25	7	1220	7.5	34	FS	22
1977	970112	58	5	8/29/1977	23:13	14	25.2	7	893	7.5	18	FS	22
1977	970113	57	4	8/29/1977	23:26	5	25	7	946	7.5	17	FS	22
1977	970114	56	6	8/29/1977	23:37	5	25	6.8	1345	7.5	15	FS	22
1977	970115	56	6	8/29/1977	23:46	5	25	6.7	1395	7.5	28	FS	22
1977	970116	56	6	8/29/1977	23:55	5	25	7.1	1444	7.5	54	FS	22
1977	970117	56	5	8/30/1977	0:06	12	25	6.9	1514	7.5	72	FS	22
1977	970118	56	5	8/30/1977	0:15	21	25	6.8	1693	7.4	84	FS	22
1977	970119	55	5	8/30/1977	0:42	22	25	6.6	1803	7.4	116	FS	22
1977	970120	54	5	8/30/1977	0:57	24	25	6.6	2042	7.4	43	FS	22
1977	970122	49	5	8/30/1977	1:36	25	25.2	5.9	4345	7.4	104	FS	22
1977	970123	48	5	8/30/1977	1:48	21	25.5	6	4752	7.4	62	FS	22
1977	970124	45	5	8/30/1977	2:10	34	26	6.1	6148	7.3	29	FS	22
1977	970126	44	4	8/30/1977	2:36	6	26	6.1	5856	7.4	18	FS	22
1977	970127	42	4	8/30/1977	2:56	6	26	6.2	7710	7.4	15	FS	22
1977	970128	41	5	8/30/1977	3:12	19	26	6.2	7808	7.4	13	FS	22
1977	970129	41	5	8/30/1977	3:23	18	26	6.3	7905	7.4	13	FS	22
1977	970130	40	5	8/30/1977	3:37	23	25.5	6.1	8676	7.4	13	FS	22
1977	970131	40	4	8/30/1977	3:45	5	26	6.2	7808	7.4	14	FS	22
1977	970132	15	4	8/30/1977	20:50	6	25	4.2	19922	7.3	93	FS	22
1977	970133	15	4	8/30/1977	21:04	6	24.5	4.9	18618	7.3	21	FS	22
1977	970134	17	4	8/30/1977	21:15	6	24.6	6.6	17576	7.4	40	FS	22
1977	970135	17	4	8/30/1977	21:25	5	24.8	5.6	17204	7.4	54	FS	22
1977	970136	18	4	8/30/1977	21:35	5	24.5	5.7	17109	7.4	22	FS	22
1977	970137	22	4	8/30/1977	22:04	5	25	6.6	14942	7.4	36	FS	22
1977	970138	24	5	8/30/1977	22:29	15	24.8	6.3	15003	7.4	13	FS	22
1977	970139	25	4	8/30/1977	22:39	6	25	6.3	14742	7.4	39	FS	22
1977	970140	25	4	8/30/1977	22:56	6	25	6.9	13946	7.4	52	FS	22
1977	970141	25	4	8/30/1977	23:06	6	25	7.1	13946	7.5	55	FS	22
1977	970142	26	4	8/30/1977	23:20	3	25	6.9	13746	7.5	22	FS	22
1977	970143	26	5	8/30/1977	23:34	12	24.5	6.3	15096	7.5	19	FS	22
1977	970144	27	4	8/30/1977	23:54	4	25.5	7.2	13311	7.5	32	FS	22
1977	970145	27	4	8/31/1977	0:11	5	25.2	6.7	13789	7.4	24	FS	22

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970146	27	4	8/31/1977	0:20	5	25.5	6.9	13311	7.5	26	FS	22
1977	970147	27	4	8/31/1977	0:27	5	25.7	6.9	13453	7.5	37	FS	22
1977	970148	28	6	8/31/1977	0:45	6	25	6.3	13448	7.4	22	FS	22
1977	970149	28	4	8/31/1977	1:16	5	25	6.7	12850	7.4	14	FS	22
1977	970150	28	4	8/31/1977	1:31	5	25.2	6.9	12103	7.4	21	FS	22
1977	970151	29	4	8/31/1977	1:40	6	25	6.4	12850	7.4	26	FS	22
1977	970152	29	5	8/31/1977	1:55	8	24.5	6.2	13586	7.4	14	FS	22
1977	970153	29	6	8/31/1977	2:07	4	24.8	6.3	12503	7.4	8	FS	22
1977	970154	29	6	8/31/1977	2:19	4	25	6.5	11854	7.4	10	FS	22
1977	970155	29	5	8/31/1977	2:27	13	25	6.1	13547	7.4	8	FS	22
1977	970156	30	4	8/31/1977	2:40	5	25	6.8	12252	7.4	11	FS	22
1977	970157	30	4	8/31/1977	2:54	5	25	6.3	12949	7.4	16	FS	22
1977	970158	30	4	8/31/1977	3:03	5	25	7	11256	7.4	12	FS	22
1977	970159	30	4	8/31/1977	3:14	5	25	6.5	12153	7.4	14	FS	22
1977	970160	30	4	8/31/1977	3:28	6	25	6.3	12850	7.4	12	FS	22
1977	970161	31	6	8/31/1977	3:42	3	25.5	7.4	9662	7.5	6	FS	22
1977	970162	32	5	8/31/1977	20:49	9	25	6.7	9463	7.4	16	FS	22
1977	970163	32	4	8/31/1977	21:07	5	25	6.8	9463	7.4	16	FS	22
1977	970164	32	4	8/31/1977	21:20	5	24.8	6.7	9502	7.4	12	FS	22
1977	970165	31	4	8/31/1977	21:34	5	25	6.8	9961	7.4	14	FS	22
1977	970166	31	4	8/31/1977	21:50	5	24.5	6.9	10064	7.4	12	FS	22
1977	970167	31	4	8/31/1977	22:04	5	24.5	6.8	10567	7.4	13	FS	22
1977	970168	32	5	8/31/1977	22:25	12	24.5	6.4	10567	7.4	15	FS	22
1977	970169	32	5	8/31/1977	22:41	11	25	6.4	10459	7.4	40	FS	22
1977	970170	32	6	8/31/1977	22:52	4	25.5	6.7	8874	7.4	4	FS	22
1977	970171	32	5	8/31/1977	23:03	9	25	6.4	10459	7.4	11	FS	22
1977	970172	33	5	8/31/1977	23:15	9	25	6.4	10360	7.3	16	FS	22
1977	970173	33	5	8/31/1977	23:24	14	25	6.5	10459	7.3	20	FS	22
1977	970174	34	5	8/31/1977	23:37	12	25	6.5	10160	7.3	30	FS	22
1977	970175	34	4	8/31/1977	23:47	5	25.2	6.6	8730	7.3	9	FS	22
1977	970176	34	6	9/1/1977	0:01	5	25	6.4	8965	7.3	4	FS	22
1977	970177	34	6	9/1/1977	0:11	5	25.2	6.6	8928	7.3	6	FS	22
1977	970178	34	5	9/1/1977	0:20	12	25	6.4	9961	7.3	17	FS	22
1977	970179	35	6	9/1/1977	0:32	5	25	6.5	8965	7.3	9	FS	22
1977	970180	35	6	9/1/1977	1:14	5	25.2	6.6	8730	7.3	4	FS	22
1977	970181	35	6	9/1/1977	1:22	5	25.4	6.6	8892	7.3	10	FS	22
1977	970182	35	6	9/1/1977	1:34	5	25.4	6.5	9485	7.3	18	FS	22
1977	970183	35	5	9/1/1977	1:45	9	25	6.5	9762	7.3	16	FS	22
1977	970184	35	4	9/1/1977	1:56	5	25.2	6.5	9226	7.3	14	FS	22
1977	970185	35	4	9/1/1977	2:06	5	25.4	6.4	8892	7.3	12	FS	22
1977	970186	35	4	9/1/1977	2:16	5	25.4	6.5	9188	7.3	15	FS	22
1977	970187	36	6	9/1/1977	2:31	5	25	6.4	9862	7.3	14	FS	22
1977	970188	36	6	9/1/1977	2:43	5	25	6.4	9862	7.3	11	FS	22
1977	970189	36	6	9/1/1977	2:57	5	25.2	6.4	9524	7.3	8	FS	22
1977	970190	36	4	9/1/1977	20:30	5	26.5	6.2	7922	7.4	20	FS	22
1977	970191	36	5	9/1/1977	20:38	8	26	6.2	8296	7.4	21	FS	22
1977	970192	36	5	9/1/1977	20:47	9	26	6.2	8296	7.4	20	FS	22
1977	970193	37	5	9/1/1977	20:57	10	26	6.2	7808	7.4	12	FS	22
1977	970194	37	5	9/1/1977	21:10	8	26.4	6.2	7744	7.4	22	FS	22
1977	970195	37	5	9/1/1977	21:26	9	26.2	6	7776	7.4	12	FS	22
1977	970196	37	5	9/1/1977	21:35	8	26.5	6.2	7728	7.4	17	FS	22
1977	970197	37	4	9/1/1977	21:45	5	27	6.3	7172	7.4	16	FS	22
1977	970198	37	4	9/1/1977	21:51	5	27	6.3	7076	7.4	20	FS	22
1977	970199	38	4	9/1/1977	22:03	5	27	6.3	6981	7.4	18	FS	22
1977	970201	38	5	9/1/1977	23:03	13	26.2	6.1	7290	7.4	16	FS	22
1977	970202	38	6	9/1/1977	23:12	5	26.2	6.1	6318	7.4	8	FS	22
1977	970203	39	6	9/1/1977	23:22	6	26.2	6.1	6804	7.4	10	FS	22
1977	970204	39	5	9/1/1977	23:30	11	26	6.2	7027	7.4	14	FS	22
1977	970205	39	4	9/1/1977	23:40	5	26.2	6.3	5832	7.4	9	FS	22

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1977	970206	39	4	9/1/1977	23:51		26		5856	7.4	9	FS	22
1977	970207	39	5	9/2/1977	0:09	20	26	6.1	6832	7.4	22	FS	22
1977	970209	71	5	9/12/1977	20:52	15	22.8	6.6	247	7.5	3.8	FS	23
1977	970210	66	5	9/12/1977	21:28	18	23	7.1	265	7.5	6	FS	23
1977	970211	65	5	9/12/1977	21:40	14	23.5	7	272	7.6	4.9	FS	23
1977	970212	63	5	9/12/1977	21:57	12	23	7.1	446	7.6	6.4	FS	23
1977	970213	60	5	9/12/1977	22:24	10	23	6.9	1924	7.6	10	FS	23
1977	970214	60	6	9/12/1977	22:35	5	23	7.6	1269	7.7	4.9	FS	23
1977	970215	59	5	9/12/1977	22:49	10	23	7.1	2267	7.7	10	FS	23
1977	970216	59	5	9/12/1977	23:00	12	23	7	2288	7.7	5.8	FS	23
1977	970217	57	6	9/12/1977	23:11	5	23	7.2	2392	7.7	13	FS	23
1977	970218	57	6	9/12/1977	23:24	4	23	7.1	2652	7.7	10	FS	23
1977	970219	57	6	9/12/1977	23:34	6	22.5	7.1	2835	7.7	16	FS	23
1977	970220	57	5	9/12/1977	23:46	11	23.5	6.1	5665	7.5	14	FS	23
1977	970221	56	6	9/12/1977	23:59	5	23	6.4	5190	7.5	7	FS	23
1977	970222	56	5	9/13/1977	0:09	22	23	6	6020	7.5	11	FS	23
1977	970223	51	5	9/13/1977	0:45	15	23	5.7	9342	7.4	10	FS	23
1977	970224	51	5	9/13/1977	1:06	17	23	6.1	7474	7.4	4.8	FS	23
1977	970225	49	5	9/13/1977	1:29	21	23.5	6	9041	7.4	6	FS	23
1977	970227	48	5	9/13/1977	1:56	17	23.2	5.9	9304	7.3	6.4	FS	23
1977	970228	46	5	9/13/1977	2:12	17	23	5.8	10276	7.4	5.1	FS	23
1977	970229	42	4	9/13/1977	2:46	4	23	6.3	10899	7.3	5.2	FS	23
1977	970230	42	4	9/13/1977	3:01	4	23	6.3	10899	7.4	4.9	FS	23
1977	970231	41	5	9/13/1977	3:14	14	23	6.1	12456	7.3	11	FS	23
1977	970232	40	5	9/13/1977	4:02	17	23.2	6.3	11371	7.4	4.3	FS	23
1977	970233	40	4	9/13/1977	4:14	5	23.5	6.4	10787	7.4	3.9	FS	23
1977	970234	14	4	9/13/1977	21:39	5	22	3.7	27560	7.3	41	FS	23
1977	970235	16	4	9/13/1977	22:00	5	22	4.1	25224	7.3	25	FS	23
1977	970236	16	4	9/13/1977	22:15	6	22	4.1	24906	7.3	23	FS	23
1977	970237	17	4	9/13/1977	22:27		22		25330	7.3	20	FS	23
1977	970238	21	4	9/13/1977	22:57	5	22	4.7	22256	7.3	36	FS	23
1977	970239	23	4	9/13/1977	23:24	5	22	5.5	19289	7.4	26	FS	23
1977	970240	25	4	9/13/1977	23:36	5	22	5.8	19077	7.4	18	FS	23
1977	970241	25	4	9/13/1977	23:50	5	21.5	6.3	18206	7.5	19	FS	23
1977	970242	26	4	9/14/1977	0:01	5	22	5.8	18229	7.5	17	FS	23
1977	970243	26	4	9/14/1977	0:07	5	22	5.7	18017	7.4	14	FS	23
1977	970244	26	5	9/14/1977	0:20	13	22	5.4	19289	7.4	6.6	FS	23
1977	970245	26	5	9/14/1977	0:38	13	22	5.5	19077	7.4	10	FS	23
1977	970246	26	6	9/14/1977	0:53	5	22	5.9	18653	7.5	10	FS	23
1977	970247	26	6	9/14/1977	1:02	5	22	6	18547	7.5	10	FS	23
1977	970248	27	5	9/14/1977	1:11	12	22	5.8	18017	7.5	11	FS	23
1977	970249	27	4	9/14/1977	1:28	4	22	6	17805	7.5	13	FS	23
1977	970250	27	4	9/14/1977	1:40	4	22	6.4	16957	7.5	14	FS	23
1977	970251	27	4	9/14/1977	2:23	4	21.5	6.8	16600	7.5	14	FS	23
1977	970252	27	4	9/14/1977	2:34	4	21.5	6.9	16064	7.5	13	FS	23
1977	970253	28	4	9/14/1977	2:45	4	21.2	7	15411	7.5	13	FS	23
1977	970254	28	4	9/14/1977	2:57	4	21.5	6.8	16064	7.5	13	FS	23
1977	970255	28	5	9/14/1977	3:15	12	22	6	17169	7.5	13	FS	23
1977	970256	28	6	9/14/1977	3:25	5	22	6.6	16427	7.5	14	FS	23
1977	970257	29	6	9/14/1977	3:41	3	21.5	6.8	16064	7.5	14	FS	23
1977	970258	29	5	9/14/1977	3:52	12	22	6.3	15897	7.4	11	FS	23
1977	970259	29	5	9/14/1977	20:30	8	22	6.8	13778	7.4	18	FS	23
1977	970260	30	6	9/14/1977	20:44	4	21	7.6	13528	7.5	24	FS	23
1977	970261	29	4	9/14/1977	21:02	5	22	6.8	13884	7.4	16	FS	23
1977	970263	30	4	9/14/1977	21:24	4	22	7	13778	7.4	27	FS	23
1977	970264	30	4	9/14/1977	21:32	5	21.5	7	13922	7.4	22	FS	23
1977	970265	30	4	9/14/1977	22:13	6	21.5	6.9	13922	7.4	25	FS	23
1977	970266	30	4	9/14/1977	22:22	5	21	7.1	14069	7.5	23	FS	23
1977	970267	31	4	9/14/1977	22:31	5	21	7	14610	7.5	22	FS	23

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1977	970268	31	4	9/14/1977	22:39	5	21	7	14177	7.5	23	FS	23
1977	970269	30	5	9/14/1977	22:49	12	21.5	7	13922	7.4	15	FS	23
1977	970270	30	5	9/14/1977	23:00	7	21	7.2	14069	7.5	14	FS	23
1977	970271	30	6	9/14/1977	23:09	4	21	7.5	13528	7.5	23	FS	23
1977	970272	31	5	9/14/1977	23:23	9	21.2	7	14010	7.4	18	FS	23
1977	970273	32	6	9/14/1977	23:41	4	21	7.3	11904	7.5	14	FS	23
1977	970274	32	6	9/14/1977	23:50	4	20	7.5	14590	7.5	24	FS	23
1977	970275	32	5	9/15/1977	0:06	11	21.2	7	10885	7.5	15	FS	23
1977	970276	33	6	9/15/1977	0:24	4	20	7.7	13263	7.6	25	FS	23
1977	970277	35	6	9/15/1977	0:39	5	21	7.2	13528	7.5	14	FS	23
1977	970279	35	6	9/15/1977	1:04	4	21.5	6.9	12851	7.5	15	FS	23
1977	970280	35	6	9/15/1977	1:23	4	21	7.2	13203	7.4	12	FS	23
1977	970281	35	6	9/15/1977	1:32	4	21	7.5	12987	7.3	13	FS	23
1977	970282	36	6	9/15/1977	1:44	4	21.5	7.1	12851	7.4	11	FS	23
1977	970283	36	6	9/15/1977	2:23	4	21	7.2	12445	7.4	11	FS	23
1977	970284	36	6	9/15/1977	2:32	4	21	7.9	12121	7.4	10	FS	23
1977	970285	36	6	9/15/1977	2:51	4	21	7.3	12445	7.4	6.6	FS	23
1977	970286	36	6	9/15/1977	3:02	4	21.5	6.8	11780	7.3	5.5	FS	23
1977	970287	36	6	9/15/1977	3:15	4	21.5	6.9	11780	7.3	15	FS	23
1977	970288	35	4	9/15/1977	3:31	4	21	6.9	12987	7.3	11	FS	23
1977	970289	35	4	9/15/1977	3:45	4	21	6.9	12987	7.3	11	FS	23
1977	970290	36	4	9/15/1977	4:07	5	21.5	6.7	12637	7.3	15	FS	23
1977	970291	37	5	9/15/1977	20:10	12	22.5	6.5	12062	7.3	13	FS	23
1977	970292	37	5	9/15/1977	20:19	9	22	6.5	11658	7.3	11	FS	23
1977	970293	37	5	9/15/1977	20:29	9	23	6.8	10380	7.3	14	FS	23
1977	970294	37	6	9/15/1977	20:40	4	23	6.9	10484	7.3	10	FS	23
1977	970295	38	6	9/15/1977	20:49	4	23	6.8	10380	7.3	13	FS	23
1977	970296	37	6	9/15/1977	20:59	5	22.5	6.8	10698	7.3	7	FS	23
1977	970297	38	6	9/15/1977	21:12	5	22.5	6.8	10488	7.3	10	FS	23
1977	970298	37	5	9/15/1977	21:28	9	22.5	6.5	11013	7.3	13	FS	23
1977	970299	37	5	9/15/1977	21:40	8	23	6.6	10380	7.3	10	FS	23
1977	970300	37	5	9/15/1977	21:52	8	23.5	6.9	10787	7.3	18	FS	23
1977	970301	37	4	9/15/1977	22:03	5	23	7	11418	7.3	15	FS	23
1977	970302	37	5	9/15/1977	22:14	8	22.5	6.7	11013	7.3	11	FS	23
1977	970303	38	5	9/15/1977	22:27		22		10068	7.3	5.7	FS	23
1977	970304	38	5	9/15/1977	22:37	8	22.5	6.5	10488	7.3	6.4	FS	23
1977	970305	38	5	9/15/1977	22:50	10	22.2	6.8	10554	7.3	13	FS	23
1977	970306	39	4	9/15/1977	23:04	5	22.5	6.9	9964	7.3	5.7	FS	23
1977	970307	39	5	9/15/1977	23:15	10	22.5	6.5	10488	7.3	6.8	FS	23
1977	970308	39	6	9/15/1977	23:35	5	21.5	7.3	11780	7.3	14	FS	23
1977	970309	39	6	9/15/1977	23:45	4	21	7.2	12121	7.3	6.9	FS	23
1977	970310	39	5	9/16/1977	0:02	17	22.5	7.4	10908	7.3	16	FS	23
1977	970311	40	5	9/16/1977	0:15	30	22.5	6.6	10488	7.3	13	FS	23
1977	970312	67	5	9/26/1977	20:52	23	19.2	7.1	221	7.3	13	FS	24
1977	970313	65	5	9/26/1977	21:17	15	19.5	7.3	235	7.3	6.4	FS	24
1977	970314	64	5	9/26/1977	21:36	14	19.4	7.2	233	7.3	7	FS	24
1977	970315	63	5	9/26/1977	21:52	16	19.7	7.3	232	7.4	5.5	FS	24
1977	970316	59	5	9/26/1977	22:25	14	20	7.2	240	7.3	13	FS	24
1977	970317	59	5	9/26/1977	22:35	12	20	7.5	275	7.4	20	FS	24
1977	970318	59	6	9/26/1977	22:46	5	20	7.4	263	7.4	14	FS	24
1977	970319	58	5	9/26/1977	22:57	9	20.1	7.3	266	7.4	24	FS	24
1977	970320	58	6	9/26/1977	23:07	5	20	7.2	274	7.4	18	FS	24
1977	970321	57	6	9/26/1977	23:24	5	20	7.3	294	7.4	17	FS	24
1977	970322	56	5	9/26/1977	23:33	15	20	7.2	287	7.4	27	FS	24
1977	970323	56	5	9/26/1977	23:44	17	20	7.2	291	7.4	18	FS	24
1977	970324	56	6	9/26/1977	23:55	4	20	7.1	329	7.4	20	FS	24
1977	970325	56	6	9/27/1977	0:05	5	20	7.1	312	7.4	7.5	FS	24
1977	970326	55	5	9/27/1977	0:46	18	20	7.1	287	7.4	16	FS	24
1977	970327	51	5	9/27/1977	1:15	20	20	6.9	441	7.3	16	FS	24

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1977	970328	51	5	9/27/1977	1:24	18	20.1	6.9	439	7.4	12	FS	24
1977	970329	47	5	9/27/1977	1:53	30	20.1	6.8	684	7.3	12	FS	24
1977	970330	46	5	9/27/1977	2:13	26	20.2	6.9	671	7.4	24	FS	24
1977	970331	44	4	9/27/1977	2:30	6	20.2	6.9	715	7.3	17	FS	24
1977	970332	42	5	9/27/1977	2:45	10	19.9	7	975	7.3	27	FS	24
1977	970333	42	4	9/27/1977	2:56	5	21	7	1299	7.4	24	FS	24
1977	970334	42	5	9/27/1977	3:07	8	21	6.9	1039	7.3	32	FS	24
1977	970335	42	5	9/27/1977	3:22	16	21	6.9	1320	7.3	20	FS	24
1977	970336	41	5	9/27/1977	3:43	14	21	7	1407	7.3	25	FS	24
1977	970337	15	4	9/27/1977	21:25	6	19.7	7.1	9677	7.4	24	FS	24
1977	970338	17	4	9/27/1977	21:42	6	19.6	7.1	9029	7.4	28	FS	24
1977	970339	18	4	9/27/1977	21:57	6	19.7	7.2	8787	7.4	19	FS	24
1977	970340	18	4	9/27/1977	22:07	6	19.8	7.2	8769	7.4	27	FS	24
1977	970341	19	4	9/27/1977	22:25	5	19.7	7.3	7786	7.5	20	FS	24
1977	970342	22	4	9/27/1977	22:48	4	19.7	7.4	6896	7.5	11	FS	24
1977	970343	24	4	9/27/1977	23:03	4	19.7	7.5	6785	7.5	14	FS	24
1977	970344	24	5	9/27/1977	23:15	8	19.9	7.4	7089	7.5	19	FS	24
1977	970345	25	4	9/27/1977	23:35	6	19.8	7.5	6105	7.5	14	FS	24
1977	970346	25	4	9/27/1977	23:46	6	20.1	7.5	5846	7.5	15	FS	24
1977	970347	26	5	9/27/1977	23:56	9	20	7.4	6411	7.5	14	FS	24
1977	970349	26	5	9/28/1977	0:20	9	20	7.5	5858	7.5	13	FS	24
1977	970350	26	6	9/28/1977	0:31	4	20	7.7	4974	7.5	10	FS	24
1977	970351	27	4	9/28/1977	1:18	4	19.5	7.7	5809	7.5	11	FS	24
1977	970352	27	4	9/28/1977	1:25	8	20	7.8	5427	7.5	11	FS	24
1977	970353	27	4	9/28/1977	1:35	5	19.8	7.7	5772	7.4	8.3	FS	24
1977	970354	27	4	9/28/1977	1:43	4	19.8	7.7	5883	7.5	10	FS	24
1977	970355	27	4	9/28/1977	1:56	5	20.1	7.5	4500	7.5	8	FS	24
1977	970356	27	4	9/28/1977	2:07	5	20.2	7.6	4512	7.5	8	FS	24
1977	970357	28	6	9/28/1977	2:23	4	20.1	7.6	3971	7.6	10	FS	24
1977	970358	29	5	9/28/1977	2:32	10	20.7	7.5	3997	7.5	11	FS	24
1977	970359	29	6	9/28/1977	2:42	4	20.1	7.7	3728	7.5	14	FS	24
1977	970360	29	4	9/28/1977	2:55	4	20.1	7.5	4103	7.5	11	FS	24
1977	970361	29	4	9/28/1977	3:06	5	20	7.7	5305	7.5	13	FS	24
1977	970362	29	4	9/28/1977	3:16	4	20	7.5	4399	7.5	8.3	FS	24
1977	970363	30	4	9/28/1977	20:55	5	20	7.3	2520	7.3	13	FS	24
1977	970364	30	4	9/28/1977	21:17	5	20	7.7	3205	7.3	14	FS	24
1977	970365	30	4	9/26/1977	21:30	5	20.2	7.3	2619	7.3	14	FS	24
1977	970366	30	4	9/28/1977	21:40	5	20.8	7.3	2293	7.4	17	FS	24
1977	970367	31	5	9/28/1977	21:56	9	20.5	7.3	1947	7.4	15	FS	24
1977	970368	30	5	9/28/1977	22:09	11	20.6	7.3	2117	7.4	17	FS	24
1977	970369	30	6	9/28/1977	22:24	4	20	7.5	2133	7.4	15	FS	24
1977	970370	31	5	9/28/1977	22:37	11	20.4	7.5	1721	7.4	15	FS	24
1977	970371	31	6	9/28/1977	22:50	5	20.1	7.4	1500	7.4	15	FS	24
1977	970372	31	4	9/28/1977	23:06	6	20.2	7.4	2752	7.4	21	FS	24
1977	970373	32	4	9/28/1977	23:20	6	20.1	7.4	2504	7.4	16	FS	24
1977	970374	32	5	9/28/1977	23:34	11	20.2	7.3	1552	7.4	19	FS	24
1977	970375	32	5	9/28/1977	23:48	9	20.3	7.4	1658	7.4	21	FS	24
1977	970376	33	6	9/29/1977	0:01	5	20	7.6	1404	7.4	14	FS	24
1977	970377	33	5	9/29/1977	0:10	12	20.2	7.4	1662	7.4	17	FS	24
1977	970378	33	6	9/29/1977	0:24	6	20	7.5	1437	7.4	15	FS	24
1977	970379	33	6	9/29/1977	0:35	6	20	7.4	1813	7.4	10	FS	24
1977	970380	34	6	9/29/1977	1:25	5	19.6	7.6	1427	7.4	14	FS	24
1977	970381	34	5	9/29/1977	1:37	9	20	7.3	1448	7.4	15	FS	24
1977	970382	34	5	9/29/1977	1:45	13	20	7.3	2089	7.4	23	FS	24
1977	970383	34	4	9/29/1977	2:00	5	19.7	7.4	1891	7.4	16	FS	24
1977	970384	35	5	9/29/1977	2:13	14	20	7.4	1978	7.4	14	FS	24
1977	970385	35	5	9/29/1977	2:21	14	20	7.4	1967	7.4	16	FS	24
1977	970386	35	6	9/29/1977	19:35	5	19.5	7.9	223	7.5	18	FS	24
1977	970387	35	6	9/29/1977	19:41	4	19.5	7.6	670	7.5	21	FS	24

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1977	970388	35	6	9/29/1977	19:53	4	19.5	7.6	614	7.5	21	FS	24
1977	970389	35	6	9/29/1977	20:06	3	19.4	7.7	537	7.5	18	FS	24
1977	970390	35	6	9/29/1977	20:14	3	19.4	7.6	470	7.6	16	FS	24
1977	970391	35	4	9/29/1977	20:35	5	19.5	7.2	559	7.5	18	FS	24
1977	970392	35	5	9/29/1977	20:45	10	19.6	7.2	390	7.5	16	FS	24
1977	970393	36	6	9/29/1977	20:59	3	19.7	7.3	456	7.6	16	FS	24
1977	970394	36	6	9/29/1977	21:12	3	19.4	7	448	7.5	16	FS	24
1977	970395	36	6	9/29/1977	21:27	4	19.1	7.1	563	7.5	13	FS	24
1977	970396	36	5	9/29/1977	21:39	8	19.6	7	513	7.5	14	FS	24
1977	970397	36	5	9/29/1977	21:49	11	19.8	7.1	455	7.5	12	FS	24
1977	970398	36	4	9/29/1977	22:02	5	19.4	7.5	459	7.4	11	FS	24
1977	970399	36	4	9/29/1977	22:18	3	19.5	7.4	581	7.5	7.7	FS	24
1977	970400	36	4	9/29/1977	22:27	5	20	7.4	442	7.4	10	FS	24
1977	970402	36	5	9/29/1977	22:44	9	20	7.3	652	7.4	10	FS	24
1977	970403	37	5	9/29/1977	22:54	9	20	7.3	438	7.4	7.3	FS	24
1977	970404	37	5	9/29/1977	23:14	9	19.5	7.4	477	7.4	10	FS	24
1977	970405	36	6	9/29/1977	23:36	5	19.1	7.2	620	7.4	16	FS	24
1977	970406	38	6	9/29/1977	23:46	5	19.6	7.2	568	7.4	14	FS	24
1977	970407	38	6	9/29/1977	23:53	5	19.5	7.1	427	7.4	18	FS	24
1977	970408	38	6	9/30/1977	0:01	5	19.6	7.2	557	7.4	16	FS	24
1977	970409	39	6	9/30/1977	0:15	5	19.4	7.3	391	7.4	17	FS	24
1977	970410	40	5	9/30/1977	0:26	20	19.5	7.1	342	7.4	23	FS	24
1977	970411	40	4	9/30/1977	0:41		19.8		345	7.4	10	FS	24
1977	970412	41	4	9/30/1977	0:54		19.5		352	7.4	13	FS	24
1977	970413	40	4	9/30/1977	1:12		20		297	7.4	11	FS	24
1977	970414	40	6	10/10/1977	20:09		15.6		924		13	FS	25
1977	970415	39	4	10/10/1977	21:21	5	15.5	8.1	3143		15	FS	25
1977	970416	39	4	10/10/1977	21:32	5	15.7	8.1	3178		15	FS	25
1977	970417	38	5	10/10/1977	21:41	9	15.8	7.9	3026	7.4	26	FS	25
1977	970419	38	5	10/10/1977	21:56	11	15.8	8	3534	7.3	21	FS	25
1977	970420	38	4	10/10/1977	22:12	5	16	8.1	3374	7.5	14	FS	25
1977	970422	37	5	10/10/1977	22:25	9	15.8	8.2	3607	7.4	17	FS	25
1977	970423	38	4	10/10/1977	22:38	5	15.5	7.9	3533	7.6	13	FS	25
1977	970424	37	4	10/10/1977	22:54	5	15.7	8.1	3530	7.4	15	FS	25
1977	970425	37	4	10/10/1977	23:01	5	15.8	7.8	3340	7.4	10	FS	25
1977	970426	37	4	10/10/1977	23:10	5	16	7.8	3289	7.4	13	FS	25
1977	970427	37	4	10/10/1977	23:19	5	15.7	8	3142	7.4	10	FS	25
1977	970428	37	4	10/10/1977	23:30	5	15.5	7.9	3131	7.5	10	FS	25
1977	970429	37	5	10/10/1977	23:39	8	15.8	7.7	4115	7.4	10	FS	25
1977	970430	37	5	10/10/1977	23:52	13	16	7.1	7832	7.5	11	FS	25
1977	970431	36	5	10/10/1977	0:01	12	16.2	6.9	8637	7.5	13	FS	25
1977	970432	36	5	10/11/1977	0:10	12	16.1	6.9	8536	7.5	12	FS	25
1977	970433	36	4	10/11/1977	0:57	4	15.1	7.9	3319	7.4	7.8	FS	25
1977	970434	36	4	10/11/1977	1:05	5	15.6	7.9	3380	7.4	6.1	FS	25
1977	970435	36	4	10/11/1977	1:13	4	15.8	7.8	3522	7.5	7.4	FS	25
1977	970436	36	4	10/11/1977	1:20	4	15.7	7.9	3518	7.5	10	FS	25
1977	970437	36	4	10/11/1977	1:31	4	15.5	7.9	3521	7.4	14	FS	25
1977	970439	35	4	10/11/1977	1:52	4	15.5	7.9	3436	7.4	16	FS	25
1977	970440	35	4	10/11/1977	2:00	4	15.7	7.9	3518	7.4	17	FS	25
1977	970441	35	4	10/11/1977	2:11	4	15.6	7.9	3513	7.3	13	FS	25
1977	970442	34	5	10/11/1977	2:23	10	15.8	7.8	3933	7.3	18	FS	25
1977	970443	34	5	10/11/1977	2:35	13	16	7.1	8194	7.2	16	FS	25
1977	970444	35	5	10/11/1977	2:45	11	15.3	7.9	4675	7.3	7.8	FS	25
1977	970445	36	6	10/11/1977	2:57	4	15.1	8.1	3098	7.4	16	FS	25
1977	970446	36	6	10/11/1977	3:13	5	15.7	8	2814	7.3	24	FS	25
1977	970447	37	6	10/11/1977	3:26	6	15.1	7.9	2643	7.4	20	FS	25
1977	970448	68	5	10/11/1977	19:26	12	14	8.8	197	7.2	17	FS	25
1977	970449	63	5	10/11/1977	19:53	13	14	8.4	212	7.2	19	FS	25
1977	970451	62	5	10/11/1977	20:13	15	14.1	8.5	303	7.3	17	FS	25

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970452	62	5	10/11/1977	20:31	9	14	8.4	291	7.2	16	FS	25
1977	970453	61	5	10/11/1977	20:50	14	14	8.4	280	7.3	16	FS	25
1977	970454	62	5	10/11/1977	21:00	13	14.1	8.4	277	7.3	14	FS	25
1977	970455	60	5	10/11/1977	21:15	15	14.4	8.5	252	7.3	13	FS	25
1977	970456	58	4	10/11/1977	21:28	5	14.2	8.6	270	7.4	24	FS	25
1977	970457	58	4	10/11/1977	21:37	5	14.4	8.8	290	7.4	25	FS	25
1977	970458	57	4	10/11/1977	21:55		14.4		273	7.3	17	FS	25
1977	970459	56	5	10/11/1977	22:04	14	14.5	8.5	262	7.3	14	FS	25
1977	970460	56	5	10/11/1977	22:15	21	14.5	8.5	255	7.3	17	FS	25
1977	970462	56	4	10/11/1977	22:36	5	14.4	8.5	253	7.3	23	FS	25
1977	970463	56	4	10/11/1977	22:56	5	14.4	8.6	248	7.3	23	FS	25
1977	970464	55	5	10/11/1977	23:13	18	14.6	8.5	259	7.2	36	FS	25
1977	970465	55	5	10/11/1977	23:25	23	14.7	8.4	274	7.3	29	FS	25
1977	970466	54	5	10/11/1977	23:36		15		259	7.3	16	FS	25
1977	970467	48	5	10/12/1977	0:18	23	14.8	8.4	306	7.3	29	FS	25
1977	970468	46	5	10/12/1977	0:36	26	15	8.2	394	7.3	20	FS	25
1977	970469	45	5	10/12/1977	0:52	21	15	8	739	7.3	18	FS	25
1977	970470	44	6	10/12/1977	1:05	6	15	8.2	442	7.2	18	FS	25
1977	970471	44	6	10/12/1977	1:15	5	15	8.2	456	7.3	17	FS	25
1977	970472	42	5	10/12/1977	1:36	9	15.5	8.2	1681	7.3	15	FS	25
1977	970473	41	6	10/12/1977	1:50		16		1771	7.3	14	FS	25
1977	970474	40	5	10/12/1977	2:02	21	15.8	8	2905	7.2	16	FS	25
1977	970475	40	5	10/12/1977	2:14	21	15.8	8.2	2784	7.2	15	FS	25
1977	970476	41	5	10/12/1977	2:24	17	15.8	8	2711	7.1	20	FS	25
1977	970477	14	6	10/12/1977	21:31		16		12049	7.6	21	FS	25
1977	970478	15	6	10/12/1977	21:48	5	15	7.1	11211	7.6	23	FS	25
1977	970479	18	6	10/12/1977	22:11	5	14.8	7.3	9900	7.7	25	FS	25
1977	970480	20	6	10/12/1977	22:32	6	14.9	7.6	9014	7.7	27	FS	25
1977	970481	21	6	10/12/1977	22:47		15		8870	7.7	14	FS	25
1977	970482	21	6	10/12/1977	23:00	6	14.6	8.2	7707	7.7	19	FS	25
1977	970483	24	6	10/12/1977	23:27		15.7		7399	7.7	11	FS	25
1977	970484	26	6	10/12/1977	23:44	5	14.2	8.4	6899	7.8	14	FS	25
1977	970485	26	6	10/12/1977	23:58		15.5		7066	7.7	10	FS	25
1977	970486	27	6	10/13/1977	0:30	6	14.4	8.5	5744	7.7	11	FS	25
1977	970487	27	6	10/13/1977	0:40	5	14.7	8.6	5581	7.8	11	FS	25
1977	970488	27	6	10/13/1977	0:52	3	14.5	8.5	5482	7.8	14	FS	25
1977	970489	28	5	10/13/1977	1:12		15		5482	7.8	13	FS	25
1977	970490	28	5	10/13/1977	1:21	14	15.2	8.1	5887	7.8	11	FS	25
1977	970491	28	5	10/13/1977	1:30	13	15.4	8.2	5739	7.7	6.1	FS	25
1977	970492	28	6	10/13/1977	1:40	5	15	8.3	4805	7.8	11	FS	25
1977	970493	29	4	10/13/1977	1:54	3	15	8.6	4558	7.8	13	FS	25
1977	970494	29	5	10/13/1977	2:06	12	15.1	8.1	5458	7.8	6.4	FS	25
1977	970495	29	5	10/13/1977	2:15	13	15.1	8.5	4942	7.8	13	FS	25
1977	970496	29	6	10/13/1977	2:26	5	15.1	8.3	4548	7.8	19	FS	25
1977	970497	29	6	10/13/1977	2:38	4	15	8.4	5421	7.8	14	FS	25
1977	970498	29	6	10/13/1977	2:45	4	15	8.5	4928	7.8	17	FS	25
1977	970499	30	4	10/13/1977	3:00	5	14.7	8.7	3771	7.8	15	FS	25
1977	970500	30	5	10/13/1977	19:15	10	15	8.3	2526	7.6	29	FS	25
1977	970501	30	5	10/13/1977	19:26	8	15	8.4	2193	7.7	16	FS	25
1977	970502	30	6	10/13/1977	19:35	5	15	8.4	2587	7.7	16	FS	25
1977	970503	31	6	10/13/1977	19:44	5	15	8.3	2587	7.7	15	FS	25
1977	970504	31	6	10/13/1977	19:52	6	15	8.3	2587	7.7	14	FS	25
1977	970505	31	5	10/13/1977	20:01	9	15.5	8.3	2010	7.7	15	FS	25
1977	970506	31	5	10/13/1977	20:14	9	15.1	8.3	2188	7.6	17	FS	25
1977	970507	31	6	10/13/1977	20:25	5	15	8.3	2649	7.6	16	FS	25
1977	970508	32	6	10/13/1977	20:34	6	15.1	8.3	2188	7.6	15	FS	25
1977	970509	31	4	10/13/1977	20:47	5	15	8.3	2710	7.5	16	FS	25
1977	970510	31	4	10/13/1977	20:56	5	14.8	8.7	2846	7.5	11	FS	25
1977	970511	31	4	10/13/1977	21:06	4	14.5	8.7	3115	7.5	15	FS	25

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970512	31	4	10/13/1977	21:16	5	14.6	8.6	2797	7.5	15	FS	25
1977	970513	32	5	10/13/1977	21:28	13	15	8.3	2587	7.5	17	FS	25
1977	970514	32	4	10/13/1977	21:39	5	14.7	8.5	2729	7.5	14	FS	25
1977	970515	32	4	10/13/1977	21:48	5	15	8.3	2439	7.5	17	FS	25
1977	970516	33	4	10/13/1977	21:58	4	14.8	8.3	2351	7.4	15	FS	25
1977	970517	33	4	10/13/1977	22:05	5	14.8	8.3	2413	7.4	16	FS	25
1977	970518	33	5	10/13/1977	22:24	13	15	8.3	2341	7.4	33	FS	25
1977	970519	74	5	10/24/1977	18:56	17	10	9.6	155	7.3	73	FS	26
1977	970521	75	5	10/24/1977	19:26	8	10	9.5	163	7.6	74	FS	26
1977	970522	72	5	10/24/1977	19:42	20	10	9.5	166	7.5	76	FS	26
1977	970523	71	5	10/24/1977	20:00	19	10	9.4	165	7.5	74	FS	26
1977	970524	61	5	10/24/1977	20:55	13	10.4	9	181	7.5	36	FS	26
1977	970525	61	5	10/24/1977	21:06	11	10.2	9.1	182	7.5	33	FS	26
1977	970526	58	5	10/24/1977	21:27	13	10.5	9.2	181	7.5	37	FS	26
1977	970527	58	5	10/24/1977	21:37	12	10.5	9.3	179	7.5	35	FS	26
1977	970528	58	5	10/24/1977	21:47	8	10.6	9.1	177	7.5	29	FS	26
1977	970529	56	6	10/24/1977	21:59	5	10.5	9.1	176	7.5	27	FS	26
1977	970530	56	6	10/24/1977	22:08	6	10.5	9	178	7.5	25	FS	26
1977	970531	56	6	10/24/1977	22:20	3	10.4	9.1	177	7.5	24	FS	26
1977	970532	56	6	10/24/1977	22:28	4	10.6	9.1	175	7.5	25	FS	26
1977	970533	56	6	10/24/1977	22:38	4	10.6	9	173	7.5	23	FS	26
1977	970534	54	5	10/24/1977	23:15		11		176	7.4	21	FS	26
1977	970535	54	5	10/24/1977	23:26	20	11	9.5	186	7.3	24	FS	26
1977	970536	53	5	10/24/1977	23:37	20	10.8	9.5	177	7.5	21	FS	26
1977	970537	48	5	10/25/1977	0:15	36	11	9.6	246	7.5	21	FS	26
1977	970538	46	5	10/25/1977	0:34	35	11	9.5	209	7.5	16	FS	26
1977	970539	45	5	10/25/1977	0:45	34	11	9.5	211	7.5	15	FS	26
1977	970540	44	4	10/25/1977	0:58	2	11	9.5	211	7.5	16	FS	26
1977	970541	44	4	10/25/1977	1:03	5	11	9.6	211	7.5	15	FS	26
1977	970542	42	5	10/25/1977	1:27	12	11.1	9.3	218	7.5	14	FS	26
1977	970543	42	5	10/25/1977	1:38	14	11.1	9.4	220	7.5	15	FS	26
1977	970544	42	4	10/25/1977	1:50	5	11.1	9.4	216	7.4	19	FS	26
1977	970545	41	5	10/25/1977	2:01	20	11.1	9.4	220	7.5	15	FS	26
1977	970546	16	4	10/25/1977	20:00	4	13	8.2	3868	7.2	30	FS	26
1977	970547	17	4	10/25/1977	20:13		13		3288	7.1	21	FS	26
1977	970548	20	6	10/25/1977	20:33	5	13	8.4	1612	7.1	17	FS	26
1977	970549	22	6	10/25/1977	20:57	5	13	9	541	7.1	19	FS	26
1977	970550	22	4	10/25/1977	21:13	4	13	8.8	709	7.1	32	FS	26
1977	970551	23	4	10/25/1977	21:25	6	13	8.8	462	7.1	33	FS	26
1977	970552	24	5	10/25/1977	21:40	18	13	9	709	7.1	20	FS	26
1977	970553	25	4	10/25/1977	21:52	6	13	9.2	195	7.1	19	FS	26
1977	970554	25	4	10/25/1977	22:06	5	12.8	8.4	197	7.2	20	FS	26
1977	970555	26	4	10/25/1977	23:10	5	13	10	191	7.1	16	FS	26
1977	970556	26	4	10/25/1977	23:22		12.9		200	7.2	16	FS	26
1977	970557	26	4	10/25/1977	23:31	5	12.5		207	7.2	15	FS	26
1977	970558	26	5	10/25/1977	23:46	13	13		398	7.1	14	FS	26
1977	970559	26	5	10/26/1977	0:10	14	13		481	7.1	16	FS	26
1977	970560	27	4	10/26/1977	0:22	5	13		196	7.2	14	FS	26
1977	970561	27	4	10/26/1977	0:31	4	13		200	7.2	13	FS	26
1977	970562	27	4	10/26/1977	0:40	5	13		192	7.2	16	FS	26
1977	970563	27	4	10/26/1977	0:50	4	13		192	7.2	15	FS	26
1977	970564	28	4	10/26/1977	0:59	4	13		200	7.3	13	FS	26
1977	970565	29	4	10/26/1977	1:09	3	12.9		193	7.1	14	FS	26
1977	970566	28	6	10/26/1977	1:23	5	13		226	7.3	14	FS	26
1977	970567	28	6	10/26/1977	1:33	3	13		205	7.3	13	FS	26
1977	970568	29	6	10/26/1977	1:43	3	13		209	7.3	16	FS	26
1977	970569	29	6	10/26/1977	1:54	3	13		213	7.3	13	FS	26
1977	970570	29	5	10/26/1977	1:59	13	13		213	7.4	10	FS	26
1977	970571	39	4	10/26/1977	20:56	4	11.5	9.4	347	7.2	6.3	FS	26

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970572	39	5	10/27/1977	18:48	10	12	9.3	350	7.2	19	FS	26
1977	970573	39	6	10/27/1977	18:59	4	12	9.3	333	7.2	24	FS	26
1977	970574	39	6	10/27/1977	19:11	4	12	9.3	329	7.2	28	FS	26
1977	970575	38	6	10/27/1977	19:20	4	12	9.3	433	7.2	22	FS	26
1977	970576	37	6	10/27/1977	19:30	5	12	9.3	304	7.2	25	FS	26
1977	970577	37	6	10/27/1977	19:38	4	12	9.3	267	7.2	22	FS	26
1977	970578	37	6	10/27/1977	19:47	4	12	9.3	269	7.2	19	FS	26
1977	970579	37	6	10/27/1977	19:57	4	11.9	9.3	239	7.2	21	FS	26
1977	970580	36	6	10/27/1977	20:08	4	12	9.3	239	7.2	18	FS	26
1977	970581	36	6	10/27/1977	20:19	4	12	9.4	259	7.2	17	FS	26
1977	970582	36	6	10/27/1977	20:28	4	11.9	9.4	238	7.2	15	FS	26
1977	970583	36	6	10/27/1977	20:37	4	11.9	9.4	275	7.2	15	FS	26
1977	970584	36	6	10/27/1977	20:46	4	12	9.4	251	7.2	13	FS	26
1977	970585	36	6	10/27/1977	20:56	4	12	9.4	271	7.2	13	FS	26
1977	970586	38	6	10/27/1977	21:26	4	12	9.5	235	7.2	11	FS	26
1977	970587	37	5	10/28/1977	19:03	6	12.3	9.4	210	7.3	14	FS	26
1977	970588	37	5	10/28/1977	19:13	7	12.2	9.4	210	7.2	12	FS	26
1977	970589	37	5	10/28/1977	19:20	8	12.2	9.4	210	7.3	11	FS	26
1977	970590	36	5	10/28/1977	19:29	10	12	9.4	211	7.3	15	FS	26
1977	970591	36	5	10/28/1977	19:36	8	12	9.4	208	7.3	17	FS	26
1977	970592	36	4	10/28/1977	19:48	6	12.9	9.3	212	7.3	15	FS	26
1977	970593	36	5	10/28/1977	19:59	9	12.1	9.4	211	7.4	15	FS	26
1977	970594	35	5	10/28/1977	20:09	11	12	9.4	205	7.4	15	FS	26
1977	970595	35	5	10/28/1977	20:18	10	12	9.4	206	7.4	19	FS	26
1977	970596	35	5	10/28/1977	20:27	12	12	9.4	201	7.4	18	FS	26
1977	970597	35	6	10/28/1977	20:36	4	12.1	9.4	292	7.4	16	FS	26
1977	970598	35	6	10/28/1977	20:45	5	12.1	9.4	303	7.4	15	FS	26
1977	970599	35	6	10/28/1977	20:53	5	12.1	9.5	303	7.4	16	FS	26
1977	970600	35	6	10/28/1977	21:02	4	12.2	9.5	306	7.4	16	FS	26
1977	970601	34	6	10/28/1977	21:11	4	12.4	9.5	288	7.4	19	FS	26
1977	970602	34	5	10/28/1977	21:51	11	12.1	9.4	276	7.3	13	FS	26
1977	970603	33	5	10/28/1977	22:00	13	12.1	9.4	369	7.3	14	FS	26
1977	970604	33	4	10/28/1977	22:10	5	12.7	9.4	299	7.3	15	FS	26
1977	970605	33	4	10/28/1977	22:19	5	12.8	9.4	347	7.3	13	FS	26
1977	970606	32	6	10/28/1977	22:32	5	12.2	9.4	296	7.3	16	FS	26
1977	970607	32	5	10/28/1977	22:39	11	12.2	9.3	302	7.3	13	FS	26
1977	970608	32	6	10/28/1977	22:47	4	12.4	9.3	187	7.3	14	FS	26
1977	970609	31	6	10/28/1977	22:56	5	12.4	9.4	191	7.3	12	FS	26
1977	970610	32	5	10/28/1977	23:06	13	12.1	9.3	188	7.3	11	FS	26
1977	970611	31	5	10/28/1977	23:14	9	12.1	9.2	195	7.3	11	FS	26
1977	970612	31	5	10/28/1977	23:24	9	12.2	9.3	189	7.3	8.3	FS	26
1977	970613	30	4	10/28/1977	23:36	5	12.2	9.3	197	7.3	6.2	FS	26
1977	970614	30	4	10/28/1977	23:45	5	12.2	9.3	197	7.3	13	FS	26
1977	970615	30	4	10/28/1977	23:58	5	12.2	9.3	197	7.3	14	FS	26
1977	970616	30	4	10/29/1977	0:08	5	12.2	9.2	197	7.3	14	FS	26
1977	970617	29	4	10/29/1977	0:16	5	12.2	9.2	197	7.3	19	FS	26
1977	970618	30	5	10/29/1977	0:32		12.9		193	7.3	5.9	FS	26
1977	970619	31	6	10/29/1977	0:44	5	12.5	9.1	198	7.3	16	FS	26
1977	970620	14	4	11/7/1977	19:22		12.8		16967	7.6	19	FS	27
1977	970621	17	4	11/7/1977	19:44	6	12.8	7.5	19040	7.5	16	FS	27
1977	970622	20	4	11/7/1977	20:12	5	12.2	8.7	11689	7.6	16	FS	27
1977	970623	20	4	11/7/1977	20:31	6	12.1	8.6	11585	7.6	16	FS	27
1977	970624	22	4	11/7/1977	20:45	6	12.5	7.8	14738	7.5	12	FS	27
1977	970625	22	4	11/7/1977	20:52	5	12.2	8.4	10770	7.5	16	FS	27
1977	970626	24	5	11/7/1977	21:17	11	13	5.8	24495	7.5	15	FS	27
1977	970627	24	5	11/7/1977	21:45	11	13	5.6	25140	7.5	15	FS	27
1977	970628	25	5	11/7/1977	22:02	14	13	5.6	26171	7.4	14	FS	27
1977	970629	25	4	11/7/1977	22:15	5	12	9.1	7917	7.5	26	FS	27
1977	970630	25	4	11/7/1977	22:31	5	12.4	7.4	15688	7.4	30	FS	27

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970631	39	6	11/8/1977	17:31	4	12.1	8.6	6714	7.5	25	FS	27
1977	970632	39	5	11/8/1977	17:42	11	12.2	7.9	9194	7.5	26	FS	27
1977	970633	39	4	11/8/1977	17:54	4	12	8.6	6730	7.5	23	FS	27
1977	970634	39	4	11/8/1977	18:05	5	12.1	8.4	7899	7.5	20	FS	27
1977	970635	38	5	11/8/1977	18:14	12	12.2	8.5	7880	7.6	24	FS	27
1977	970636	37	5	11/8/1977	18:24	10	12	8.7	6598	7.6	32	FS	27
1977	970637	37	4	11/8/1977	18:35	5	12.9	8.7	6461	7.6	27	FS	27
1977	970638	38	6	11/8/1977	18:45	5	12.2	8.6	6567	7.6	23	FS	27
1977	970639	38	6	11/8/1977	18:55	5	12.2	8.6	7092	7.6	20	FS	27
1977	970640	37	6	11/8/1977	19:04	5	12.2	8.6	7224	7.6	20	FS	27
1977	970641	37	6	11/8/1977	19:11	5	12.4	9	7582	7.6	20	FS	27
1977	970642	37	6	11/8/1977	19:19	5	12.5	8.6	8738	7.6	16	FS	27
1977	970643	37	5	11/8/1977	19:30	10	12.4	8	8890	7.6	19	FS	27
1977	970644	37	5	11/8/1977	19:40	10	12.4	9.2	6210	7.6	34	FS	27
1977	970645	36	5	11/8/1977	19:54	11	12.4	7.8	10328	7.6	18	FS	27
1977	970646	36	5	11/8/1977	20:08	11	12.6	7.7	12362	7.5	17	FS	27
1977	970647	36	5	11/8/1977	20:20	12	13	7.1	15600	7.5	15	FS	27
1977	970648	36	6	11/8/1977	20:30	5	12.4	8.2	9151	7.5	20	FS	27
1977	970649	36	6	11/8/1977	20:40	5	12.5	8.3	8738	7.5	16	FS	27
1977	970650	36	6	11/8/1977	20:47	5	12.5	8	9130	7.5	16	FS	27
1977	970651	36	6	11/8/1977	21:57	5	12.6	8.3	8848	7.5	15	FS	27
1977	970652	36	6	11/8/1977	22:05	5	12.5	8.3	8869	7.5	24	FS	27
1977	970654	35	6	11/8/1977	22:26	4	12.5	8.6	8869	7.5	17	FS	27
1977	970655	35	6	11/8/1977	22:35	4	12.3	8.5	8648	7.5	17	FS	27
1977	970656	35	5	11/8/1977	22:46	11	12.7	7.7	12463	7.5	23	FS	27
1977	970657	35	4	11/8/1977	22:58	4	12.2	9	6567	7.5	23	FS	27
1977	970658	35	4	11/8/1977	23:07	4	12.2	9	6462	7.5	25	FS	27
1977	970659	36	4	11/8/1977	23:16	4	12.3	9	6552	7.5	24	FS	27
1977	970660	36	4	11/8/1977	23:25	3	12.1	9.1	6477	7.5	29	FS	27
1977	970661	35	5	11/8/1977	23:40	11	12.6	8.1	10540	7.5	16	FS	27
1977	970662	35	5	11/8/1977	23:49	13	12.5	8.3	9782	7.5	17	FS	27
1977	970663	35	6	11/8/1977	23:59	5	12.2	8.3	8931	7.5	18	FS	27
1977	970664	35	5	11/9/1977	0:12	13	12.5	8	10434	7.5	20	FS	27
1977	970665	34	5	11/9/1977	0:25	14	12.5	8.1	9782	7.5	18	FS	27
1977	970666	33	6	11/9/1977	0:40	3	12.2	8.9	7355	7.6	20	FS	27
1977	970667	68	5	11/9/1977	17:50	15	11.5	9.4	162	7.5	17	FS	27
1977	970668	64	5	11/9/1977	18:20	16	11.2	9.4	171	7.4	30	FS	27
1977	970669	64	5	11/9/1977	18:29	15	11.1	9.5	171	7.4	27	FS	27
1977	970670	63	5	11/9/1977	18:41	13	11	9.4	172	7.5	36	FS	27
1977	970671	61	5	11/9/1977	19:02	15	11.1	9.4	171	7.5	18	FS	27
1977	970672	59	6	11/9/1977	19:17	4	11	9.4	172	7.5	16	FS	27
1977	970673	58	5	11/9/1977	19:29	12	11	9.4	166	7.5	16	FS	27
1977	970674	57	5	11/9/1977	19:42	12	11	9.4	169	7.5	17	FS	27
1977	970675	57	6	11/9/1977	19:55	5	11	9.4	166	7.5	19	FS	27
1977	970676	57	5	11/9/1977	20:06	15	11	9.4	166	7.5	15	FS	27
1977	970677	56	5	11/9/1977	20:17	12	11	9.4	166	7.5	16	FS	27
1977	970678	57	6	11/9/1977	20:32	2	11	9.4	166	7.5	25	FS	27
1977	970679	56	6	11/9/1977	20:42	2	11	9.4	168	7.5	23	FS	27
1977	970680	56	6	11/9/1977	20:56	2	11	9.4	173	7.5	21	FS	27
1977	970681	55	5	11/9/1977	21:51	20	11	9.4	165	7.5	17	FS	27
1977	970682	49	5	11/9/1977	22:30	30	11	9.4	165	7.5	21	FS	27
1977	970683	48	5	11/9/1977	22:42	22	11	9.4	219	7.4	23	FS	27
1977	970684	47	5	11/9/1977	22:54	30	11.1	9.4	226	7.4	21	FS	27
1977	970685	45	5	11/9/1977	23:24	37	11.1	9.4	322	7.4	32	FS	27
1977	970686	42	4	11/9/1977	23:44		11.7		311	7.4	25	FS	27
1977	970687	42	4	11/9/1977	23:55		11.8		306	7.4	20	FS	27
1977	970688	42	4	11/10/1977	0:06		11.8		335	7.4	23	FS	27
1977	970689	42	5	11/10/1977	0:18		12		333	7.4	22	FS	27
1977	970690	42	5	11/10/1977	0:30		12.4		277	7.4	16	FS	27

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970691	41	5	11/10/1977	0:39		14.2		567	7.4	20	FS	27
1977	970692	40	5	11/10/1977	0:52		12		578	7.4	25	FS	27
1977	970693	25	4	11/10/1977	18:25	6	12.9	8.4	5686	7.2	23	FS	27
1977	970694	26	4	11/10/1977	18:40	5	12.5	8.6	4956	7.2	22	FS	27
1977	970695	27	4	11/10/1977	18:49	5	12.5	8.8	4734	7.2	25	FS	27
1977	970696	27	5	11/10/1977	18:58	10	12.5	8.8	4461	7.2	23	FS	27
1977	970697	27	5	11/10/1977	19:10	12	12.4	8.8	4157	7.2	23	FS	27
1977	970698	27	4	11/10/1977	19:22	5	12.5	8.8	4695	7.2	25	FS	27
1977	970699	27	4	11/10/1977	19:31		12.6		5205	7.3	24	FS	27
1977	970700	27	4	11/10/1977	19:41	5	12.6	8.5	5049	7.3	23	FS	27
1977	970701	27	4	11/10/1977	19:50	5	12.5	8.7	5217	7.2	25	FS	27
1977	970702	28	4	11/10/1977	20:04	6	12.3	8.8	4193	7.2	30	FS	27
1977	970703	28	6	11/10/1977	20:18	5	12.4	8.7	4432	7.2	21	FS	27
1977	970704	29	6	11/10/1977	20:27	5	12.5	8.6	4200	7.2	25	FS	27
1977	970705	29	5	11/10/1977	20:36	13	12.2	8.6	4177	7.2	22	FS	27
1977	970706	29	5	11/10/1977	20:44	14	12.2	8.7	4164	7.2	27	FS	27
1977	970707	29	4	11/10/1977	20:57	5	12.8	8.7	4883	7.2	25	FS	27
1977	970708	29	4	11/10/1977	21:04		12.9		4897	7.2	21	FS	27
1977	970709	29	4	11/10/1977	21:14	5	13	8.5	5002	7.3	23	FS	27
1977	970710	29	4	11/10/1977	21:21	5	13	9.2	5105	7.3	22	FS	27
1977	970711	31	4	11/10/1977	22:24	5	13	9.3	4126	7.2	22	FS	27
1977	970712	30	5	11/10/1977	22:38		12.8		4119	7.2	21	FS	27
1977	970713	30	5	11/10/1977	22:49		13		4022	7.3	22	FS	27
1977	970714	31	6	11/10/1977	23:02		13		4126	7.3	23	FS	27
1977	970715	31	6	11/10/1977	23:13		13		3326	7.3	22	FS	27
1977	970716	31	5	11/10/1977	23:22		12.8		3756	7.4	21	FS	27
1977	970717	31	4	11/10/1977	23:35		12.2		3914	7.3	20	FS	27
1977	970718	33	4	11/10/1977	23:52		12.9		3967	7.3	21	FS	27
1977	970719	33	4	11/11/1977	0:01		13		3610	7.3	22	FS	27
1977	970720	32	6	11/11/1977	0:20		12.9		2765	7.3	23	FS	27
1977	970721	32	6	11/11/1977	0:27		12.7		2830	7.3	25	FS	27
1977	970722	33	6	11/11/1977	0:37		12.3		2726	7.3	28	FS	27
1977	970724	17	4	11/20/1977	18:08		9		2313	7.1	18	FS	28
1977	970725	19	4	11/20/1977	18:33		8.6		1261	7.1	21	FS	28
1977	970726	20	6	11/20/1977	18:48	5	9.2	9.1	2400	7.1	14	FS	28
1977	970727	20	6	11/20/1977	19:00	5	9.1	9.2	2406	7.1	13	FS	28
1977	970728	22	4	11/20/1977	18:22		8.7		743	7.1	20	FS	28
1977	970729	24	4	11/20/1977	19:38		7.9		236	7.1	18	FS	28
1977	970730	24	5	11/20/1977	19:51		8		323	7.2	18	FS	28
1977	970731	25	5	11/20/1977	20:10	16	9.7	7.8	9622	7.1	20	FS	28
1977	970732	25	6	11/20/1977	20:21		8.9		639	7.2	15	FS	28
1977	970733	26	4	11/20/1977	20:34		9		206	7.2	17	FS	28
1977	970734	26	4	11/20/1977	20:42		9		254	7.2	17	FS	28
1977	970735	26	4	11/20/1977	20:50		9		277	7.2	15	FS	28
1977	970736	26	4	11/20/1977	20:58	4	9	9.4	187	7.2	18	FS	28
1977	970737	27	6	11/20/1977	21:18		8.9		413	7.2	14	FS	28
1977	970738	27	5	11/20/1977	21:29		9		197	7.1	15	FS	28
1977	970739	28	6	11/20/1977	21:41		8.3		201	7.2	14	FS	28
1977	970740	29	5	11/20/1977	21:52		9		280	7.2	16	FS	28
1977	970741	29	4	11/20/1977	22:04		9		281	7.3	19	FS	28
1977	970742	28	4	11/20/1977	22:13		8.9		290	7.3	19	FS	28
1977	970743	30	4	11/20/1977	22:22		9		282	7.3	18	FS	28
1977	970744	30	4	11/20/1977	22:29		8.9		248	7.2	22	FS	28
1977	970745	30	4	11/20/1977	22:38		8.9		269	7.2	19	FS	28
1977	970746	30	5	11/20/1977	22:50		8.9		331	7.2	19	FS	28
1977	970747	30	5	11/20/1977	23:01		8.9		263	7.2	25	FS	28
1977	970748	30	6	11/20/1977	23:10		8.4		287	7.2	20	FS	28
1977	970749	30	4	11/20/1977	23:21		8.9		334	7.2	20	FS	28
1977	970750	30	4	11/20/1977	23:29		9		355	7.1	22	FS	28

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1977	970751	30	4	11/20/1977	23:36		8.9		287	7.2	22	FS	28
1977	970752	30	4	11/20/1977	23:46		8.9		275	7.1	24	FS	28
1977	970753	30	4	11/20/1977	23:55		9		298	7.1	21	FS	28
1977	970754	30	4	11/21/1977	0:02		9		298	7.1	20	FS	28
1977	970755	31	4	11/21/1977	0:14		9		281	7.1	20	FS	28
1977	970756	31	4	11/21/1977	0:21		9.1		297	7.1	19	FS	28
1977	970757	31	5	11/21/1977	0:32		9		298	7.1	23	FS	28
1977	970758	31	6	11/21/1977	18:00	5	9.8	9.9	264	7.5	19	FS	28
1977	970759	31	6	11/21/1977	18:06	4	9.5	10	311	7.5	23	FS	28
1977	970761	31	6	11/21/1977	18:27	5	8.9	10	256	7.5	28	FS	28
1977	970762	31	5	11/21/1977	18:41	10	9.1	10	253	7.5	25	FS	28
1977	970763	31	5	11/21/1977	18:49	9	9.1	9.9	280	7.5	31	FS	28
1977	970764	32	4	11/21/1977	19:03	5	9.5	9.8	353	7.5	21	FS	28
1977	970765	33	5	11/21/1977	19:14	12	9.2	9.8	356	7.5	34	FS	28
1977	970766	34	4	11/21/1977	19:28	5	9.4	9.8	326	7.5	19	FS	28
1977	970767	34	5	11/21/1977	19:37	15	9.5	9.9	322	7.5	30	FS	28
1977	970768	34	6	11/21/1977	19:52	5	9.6	9.8	317	7.5	27	FS	28
1977	970769	34	6	11/21/1977	19:58	5	9.7	9.8	254	7.6	23	FS	28
1977	970770	34	6	11/21/1977	20:06	5	9.6	9.8	172	7.6	23	FS	28
1977	970771	35	6	11/21/1977	20:18		9.6		173	7.4	24	FS	28
1977	970772	35	6	11/21/1977	20:27	5	9.8	9.7	174	7.4	26	FS	28
1977	970773	35	5	11/21/1977	20:37	10	9.7	9.8	170	7.5	30	FS	28
1977	970774	35	5	11/21/1977	20:47	14	9.6	9.9	175	7.5	23	FS	28
1977	970775	36	6	11/21/1977	21:05	5	9.9	9.7	167	7.4	30	FS	28
1977	970776	36	6	11/21/1977	21:13	5	9.9	9.7	167	7.5	30	FS	28
1977	970777	36	6	11/21/1977	21:20	5	9.8	9.7	168	7.5	29	FS	28
1977	970778	36	6	11/21/1977	21:28	5	9.7	9.7	169	7.6	29	FS	28
1977	970779	36	6	11/21/1977	21:38	5	9.5	9.9	170	7.5	26	FS	28
1977	970780	36	6	11/21/1977	21:46	5	9.5	9.9	185	7.5	26	FS	28
1977	970781	37	6	11/21/1977	21:56	5	9.6	9.8	197	7.6	26	FS	28
1977	970782	36	5	11/21/1977	22:16	9	10	9.7	195	7.6	21	FS	28
1977	970783	37	5	11/21/1977	22:23	9	10.2	9.6	196	7.5	19	FS	28
1977	970784	37	5	11/21/1977	22:34	8	10	9.6	206	7.6	20	FS	28
1977	970785	38	5	11/21/1977	22:42	8	10.1	9.6	182	7.6	19	FS	28
1977	970786	38	5	11/21/1977	22:50	14	9.8	9.7	185	7.5	27	FS	28
1977	970787	38	5	11/21/1977	23:02	11	9.9	9.7	171	7.7	29	FS	28
1977	970788	37	6	11/21/1977	23:14		10.5		164	7.6	21	FS	28
1977	970789	38	6	11/21/1977	23:27		9.7		169	7.5	24	FS	28
1977	970790	38	6	11/21/1977	23:45		10		166	7.5	29	FS	28
1977	970791	38	6	11/21/1977	23:34		10		166	7.5	31	FS	28
1977	970792	38	6	11/21/1977	23:53		10		166	7.6	24	FS	28
1977	970793	38	5	11/22/1977	0:07		10.2		169	7.5	19	FS	28
1977	970794	39	6	11/22/1977	0:17		10		168	7.6	21	FS	28
1977	970795	39	6	11/22/1977	0:27		10		168	7.6	33	FS	28
1977	970796	39	6	11/22/1977	0:34		10		169	7.5	29	FS	28
1977	970797	39	5	11/22/1977	0:44		10.1		167	7.5	22	FS	28
1977	970798	39	5	11/22/1977	0:59		10		166	7.6	29	FS	28
1977	970799	41	4	11/22/1977	1:20		10		168	7.6	24	FS	28
1977	970800	41	4	11/22/1977	1:30		10		168	7.6	21	FS	28
1977	970801	41	5	11/22/1977	1:38		10		169	7.6	21	FS	28
1977	970802	72	5	11/22/1977	17:28	15	7.7	10.4	246	7.4	42	FS	28
1977	970803	64	5	11/22/1977	18:20	16	8	10.2	230	7.3	36	FS	28
1977	970804	64	5	11/22/1977	18:27	15	7.9	10.2	247	7.4	41	FS	28
1977	970805	62	5	11/22/1977	18:44	12	8	10.2	246	7.4	35	FS	28
1977	970806	60	5	11/22/1977	19:05	15	8.1	10.1	231	7.5	34	FS	28
1977	970807	59	5	11/22/1977	19:13	14	8.5	10	230	7.5	34	FS	28
1977	970808	58	6	11/22/1977	19:28	5	8.3	10.1	247	7.5	40	FS	28
1977	970809	58	6	11/22/1977	19:36	5	8.4	10	252	7.5	47	FS	28
1977	970810	57	5	11/22/1977	19:43	10	8.3	10	250	7.5	37	FS	28

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1977	970811	57	6	11/22/1977	19:53	4	8.3	10	246	7.5	41	FS	28
1977	970812	57	5	11/22/1977	20:04	12	8.4	10	238	7.6	50	FS	28
1977	970813	57	6	11/22/1977	20:13	4	8.5	10	234	7.6	38	FS	28
1977	970814	56	6	11/22/1977	20:25	3	8.5	10	246	7.5	35	FS	28
1977	970815	56	5	11/22/1977	20:53	15	9	9.9	253	7.6	41	FS	28
1977	970816	54	5	11/22/1977	21:14	14	8.9	9.9	249	7.6	68	FS	28
1977	970817	53	5	11/22/1977	21:22	24	8.9	9.9	249	7.6	42	FS	28
1977	970818	53	5	11/22/1977	21:34	26	8.9	9.9	262	7.6	42	FS	28
1977	970819	52	5	11/22/1977	21:51	17	9	9.8	250	7.6	23	FS	28
1977	970820	46	5	11/22/1977	22:30	21	9.9	9.6	236	7.6	24	FS	28
1977	970821	45	5	11/22/1977	22:42		9.8		236	7.6	25	FS	28
1977	970822	45	5	11/22/1977	22:55	37	9.2	9.8	239	7.6	25	FS	28
1977	970823	42	4	11/22/1977	23:22	5	9.2	9.8	229	7.6	21	FS	28
1977	970824	42	5	12/5/1977	17:19	9	4.8	11.2	219	7.3	25	FS	29
1977	970825	42	5	12/5/1977	17:32	12	5	11.2	197	7.3	23	FS	29
1977	970826	42	5	12/5/1977	17:56	20	5	11.2	197	7.3	23	FS	29
1977	970827	42	4	12/5/1977	18:10	5	5.1	11.2	205	7.3	21	FS	29
1977	970829	41	4	12/5/1977	18:38	5	5.2	11.1	188	7.4	22	FS	29
1977	970830	39	4	12/5/1977	18:55	5	5.2	11.1	191	7.3	17	FS	29
1977	970831	39	4	12/5/1977	20:31	5	5.9	10.9	189	7.3	19	FS	29
1977	970832	39	4	12/5/1977	20:42	4	6	10.8	193	7.3	18	FS	29
1977	970833	39	6	12/5/1977	21:00	5	6	10.8	189	7.2	19	FS	29
1977	970834	38	6	12/5/1977	21:12	5	5.8	10.9	184	7.3	18	FS	29
1977	970835	38	5	12/5/1977	21:24	12	5.9	10.9	183	7.2	25	FS	29
1977	970836	38	5	12/5/1977	21:34	12	5.9	10.8	183	7.3	19	FS	29
1977	970837	38	5	12/5/1977	21:46	12	6	10.8	181	7.3	19	FS	29
1977	970838	38	5	12/5/1977	21:59	11	6	10.8	184	7.2	18	FS	29
1977	970839	38	4	12/5/1977	22:30		6.8		200	7.3	16	FS	29
1977	970840	37	5	12/5/1977	22:41	9	6	11	187	7.3	25	FS	29
1977	970841	37	5	12/5/1977	22:52	10	6	11	184	7.2	20	FS	29
1977	970842	37	6	12/5/1977	23:05	5	6	11	183	7.3	24	FS	29
1977	970843	37	6	12/5/1977	23:18	5	6	11.1	184	7.3	22	FS	29
1977	970844	37	6	12/5/1977	23:28	4	6	11	183	7.3	21	FS	29
1977	970845	37	6	12/5/1977	23:43	4	5.9	11.1	183	7.4	32	FS	29
1977	970847	37	6	12/6/1977	0:03	4	5.9	11.1	183	7.3	26	FS	29
1977	970848	36	6	12/6/1977	0:36	4	6.1	11	182	7.4	29	FS	29
1978	980001	67	5	8/21/1978	21:10	19	25.7	6	208	6.9	16	FS	21
1978	980002	67	5	8/21/1978	21:22	0	25.8		218	7.1	3	FS	21
1978	980003	65	5	8/21/1978	21:45	15	25.5	6.3	219	7.1	6	FS	21
1978	980004	63	5	8/21/1978	22:07	12	25.8	6.1	222	7.1	7	FS	21
1978	980005	60	5	8/21/1978	22:40	10	25.8	6.7	269	7.2	7	FS	21
1978	980006	59	6	8/21/1978	22:48	5	25.8	7.4	282	7.4	5	FS	21
1978	980007	58	6	8/21/1978	22:58	5	25.8	7.4	314	7.4	5	FS	21
1978	980008	58	5	8/21/1978	23:08	12	26	6.6	306	7.2	7	FS	21
1978	980009	58	5	8/21/1978	23:24	11	25.5	6.6	350	7.2	6	FS	21
1978	980010	57	5	8/21/1978	23:35	12	25.8	7	373	7.3	6	FS	21
1978	980011	57	5	8/21/1978	23:45	13	25.4	6.6	327	7.2	6	FS	21
1978	980012	56	6	8/21/1978	23:59	5	25.2	6.5	536	7.2	7	FS	21
1978	980013	56	6	8/22/1978	0:13	5	25.2	6.6	575	7.2	8	FS	21
1978	980014	55	6	8/22/1978	0:25	15	25.7	6.7	609	7.2	10	FS	21
1978	980015	54	5	8/22/1978	0:45	21	25.1	6.8	746	7.1	8	FS	21
1978	980016	51	5	8/22/1978	1:15	20	24.8	6.4	1010	7.1	32	FS	21
1978	980017	49	5	8/22/1978	1:50	25	25	6.1	1524	7	19	FS	21
1978	980018	44	4	8/22/1978	2:37	5	25.1	6	3062	7	12	FS	21
1978	980019	42	5	8/22/1978	2:55	9	25.7	6.4	5695	7	14	FS	21
1978	980020	42	5	8/22/1978	3:06	9	25.9	6.2	5868	7.2	15	FS	21
1978	980021	42	4	8/22/1978	3:16	4	26	6.7	5368	7.2	11	FS	21
1978	980022	42	5	8/22/1978	3:30	11	25.9	6.6	6357	7.2	11	FS	21
1978	980023	41	5	8/22/1978	3:48	19	25.8	6.2	6860	7.1	18	FS	21

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1978	980024	41	5	8/22/1978	4:00	20	25.9	6.3	7139	7.2	22	FS	21
1978	980025	40	5	8/22/1978	4:14	24	26	6.2	7320	7.3	13	FS	21
1978	980026	39	4	8/22/1978	4:28	5	26.3	6.5	5917	7.3	6	FS	21
1978	980027	39	4	8/22/1978	4:39	5	25.2	6.6	5853	7.3	6	FS	21
1978	980028	14	4	8/22/1978	20:35	5	27	4.3	17213	6.4	21	FS	21
1978	980029	14	4	8/22/1978	20:45	5	27	4.3	18360	6.8	27	FS	21
1978	980030	15	4	8/22/1978	20:55	5	27	4.6	18073	6.9	25	FS	21
1978	980031	19	4	8/22/1978	21:30	0	26		7808	6.8	11	FS	21
1978	980032	21	4	8/22/1978	21:45	5	25.3	6.1	14850	7	10	FS	21
1978	980033	21	4	8/22/1978	21:59	5	25	5.9	14145	7	13	FS	21
1978	980034	22	4	8/22/1978	22:20	5	25.1	6.1	13818	7	15	FS	21
1978	980035	24	5	8/22/1978	22:41	7	25.2	5.8	12996	7	12	FS	21
1978	980036	25	5	8/22/1978	22:52	15	25.4	5.5	14721	7	10	FS	21
1978	980037	25	4	8/22/1978	23:05	5	25.8	6.3	12543	7.2	11	FS	21
1978	980038	25	4	8/22/1978	23:17	4	25.6	6.7	12299	7.2	24	FS	21
1978	980039	25	4	8/22/1978	23:28	4	25.5	6.6	12423	7.2	12	FS	21
1978	980040	26	4	8/22/1978	23:38	4	25.5	6.7	12325	7.2	14	FS	21
1978	980041	26	4	8/22/1978	23:47	3	25.6	7.1	12693	7.2	23	FS	21
1978	980042	26	4	8/22/1978	23:59	3	25.7	6.6	12667	7.2	21	FS	21
1978	980043	26	4	8/23/1978	0:10	3	25.4	7.1	12350	7.1	16	FS	21
1978	980044	26	5	8/23/1978	0:35	10	25.1	6.3	13917	6.9	15	FS	21
1978	980045	27	4	8/23/1978	0:51	5	25.5	6.3	12029	7.2	18	FS	21
1978	980046	27	4	8/23/1978	1:05	3	25.5	6	11832	7.2	20	FS	21
1978	980047	27	4	8/23/1978	1:14	3	25	6	12053	7.1	17	FS	21
1978	980048	27	4	8/23/1978	1:25	4	25.3	6.2	12177	7.2	17	FS	21
1978	980049	28	4	8/23/1978	1:33	3	25	6.1	12153	7.1	17	FS	21
1978	980050	28	4	8/23/1978	1:48	0	25.4		11856	7.1	12	FS	21
1978	980051	29	4	8/23/1978	20:45	3	26.2	5.8	12150	6.9	13	FS	21
1978	980052	29	4	8/23/1978	20:55	4	25.4	6.1	12350	7.1	15	FS	21
1978	980053	29	4	8/23/1978	21:10	3	25.9	6.1	11540	7.1	14	FS	21
1978	980054	29	5	8/23/1978	21:23	11	25.5	5.4	13015	7.1	12	FS	21
1978	980055	29	5	8/23/1978	21:37	11	25.7	7.1	12765	7.2	9	FS	21
1978	980056	30	6	8/23/1978	21:50	5	26	6.3	9808	7.2	15	FS	21
1978	980057	30	4	8/23/1978	22:07	5	25.8	6.9	10191	7.2	13	FS	21
1978	980058	30	4	8/23/1978	22:18	3	25.8	6.9	10583	7.2	10	FS	21
1978	980059	30	4	8/23/1978	22:27	3	25.9	6.5	10268	7.2	9	FS	21
1978	980060	30	4	8/23/1978	22:35	4	25.8	6.8	10093	7.2	7	FS	21
1978	980061	30	4	8/23/1978	22:45	4	26	7.1	9857	7.3	9	FS	21
1978	980062	30	4	8/23/1978	22:56	4	26	7.1	9564	7.2	15	FS	21
1978	980063	30	4	8/23/1978	23:14	5	26	7.6	9467	7.3	9	FS	21
1978	980064	31	4	8/23/1978	23:25	3	25.9	6.6	8997	7.2	9	FS	21
1978	980065	31	4	8/23/1978	23:33	4	26	6.6	8979	7.2	12	FS	21
1978	980066	31	4	8/23/1978	23:44	0	26.5		8694	7.3	10	FS	21
1978	980067	31	4	8/24/1978	0:42	5	26	5.9	9369	7.1	8	FS	21
1978	980068	32	4	8/24/1978	0:52	4	26	6.3	8588	7.2	8	FS	21
1978	980069	31	5	8/24/1978	1:02	8	26	6	8198	7.2	34	FS	21
1978	980070	31	6	8/24/1978	1:23	4	25.8	5.6	8133	7.2	8	FS	21
1978	980071	32	6	8/24/1978	1:31	4	25.8	6	7644	7.2	8	FS	21
1978	980072	32	6	8/24/1978	1:40	3	25.9	6.6	7628	7.3	8	FS	21
1978	980073	33	6	8/24/1978	1:51	3	26.1	6.3	7499	7.3	7	FS	21
1978	980074	32	6	8/24/1978	2:00	4	26.1	6	7792	7.3	8	FS	21
1978	980075	32	5	8/24/1978	2:15	10	26	5.7	8491	7.2	10	FS	21
1978	980076	33	5	8/24/1978	2:26	15	26	6.1	9759	7.1	17	FS	21
1978	980077	34	5	8/24/1978	2:37	13	25.8	5.3	9897	7.1	19	FS	21
1978	980078	35	5	8/24/1978	2:57	11	25.8	6.1	8623	7.2	14	FS	21
1978	980079	35	6	8/24/1978	3:09	5	26.2	6	6804	7.2	8	FS	21
1978	980080	36	6	8/24/1978	3:17	4	26.2	6	7095	7.3	8	FS	21
1978	980081	36	6	8/24/1978	3:29	4	26	6.1	7417	7.3	8	FS	21
1978	980082	36	6	8/24/1978	3:39	4	26	6.4	7612	7.4	7	FS	21

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1978	980083	36	6	8/24/1978	3:52	3	26	6.7	6929	7.4	9	FS	21
1978	980084	39	4	8/24/1978	20:52	4	27	6.3	6598	7.1	8	FS	21
1978	980085	38	5	8/24/1978	21:05	11	26.6	7.2	8484	7.1	8	FS	21
1978	980086	38	5	8/24/1978	21:15	11	26.7	6.8	6927	7.3	11	FS	21
1978	980087	38	6	8/24/1978	21:29	3	26.7	6.8	6639	7.3	10	FS	21
1978	980088	38	6	8/24/1978	21:38	2	27	6.3	6503	7.3	11	FS	21
1978	980089	37	5	8/24/1978	21:52	9	26.9	6.7	6707	7.2	8	FS	21
1978	980090	36	5	8/24/1978	22:04	8	26.4	6	8712	7.2	12	FS	21
1978	980091	36	5	8/24/1978	22:15	8	26.3	5.8	8730	7.2	16	FS	21
1978	980092	37	6	8/24/1978	22:27	0	27.1		6680	7.3	8	FS	21
1978	980093	37	6	8/24/1978	22:35	4	26.3	6.1	7372	7.2	8	FS	21
1978	980094	37	6	8/24/1978	22:45	3	26.4	6.3	7357	7.3	10	FS	21
1978	980095	36	6	8/24/1978	22:55	3	26.4	6.5	6873	7.3	8	FS	21
1978	980096	36	6	8/24/1978	23:04	3	26.2	6.3	7387	7.3	9	FS	21
1978	980097	36	6	8/24/1978	23:14	3	26.2	6.2	7581	7.3	9	FS	21
1978	980098	35	4	8/24/1978	23:29	4	26.2	6.7	6415	7.3	9	FS	21
1978	980099	36	4	8/24/1978	23:38	3	26.8	6.3	6721	7.3	12	FS	21
1978	980100	37	5	8/24/1978	23:53	7	26.8	5.9	5761	7.2	10	FS	21
1978	980102	73	5	9/5/1978	20:40	0	24.9		304	7.3	4	FS	22
1978	980103	68	5	9/5/1978	21:18	0	24.9		314	7.4	4	FS	22
1978	980104	64	5	9/5/1978	21:50	0	26		308	7.5	10	FS	22
1978	980105	64	5	9/5/1978	22:00	15	25	4.8	334	7.6	13	FS	22
1978	980106	60	5	9/5/1978	22:40	11	25	4.9	553	7.6	7	FS	22
1978	980107	59	5	9/5/1978	22:55	13	25	4.7	996	7.4	8	FS	22
1978	980108	58	5	9/5/1978	23:07	11	25	4.9	1046	7.4	9	FS	22
1978	980110	58	6	9/5/1978	23:30	4	24	5	1729	7.4	4	FS	22
1978	980111	57	5	9/5/1978	23:40	10	24.8	5	1950	7.3	13	FS	22
1978	980112	57	5	9/5/1978	23:50	12	24.9	5.1	1847	7.4	7	FS	22
1978	980113	57	6	9/5/1978	23:59	2	24.5	5	1743	7.4	18	FS	22
1978	980114	56	6	9/6/1978	0:13	3	24.5	5.4	1295	7.5	4	FS	22
1978	980115	56	6	9/6/1978	0:20	2	24.5	5.6	1346	7.5	5	FS	22
1978	980116	56	5	9/6/1978	0:35	15	24.5	4.9	2740	7.5	16	FS	22
1978	980117	54	5	9/6/1978	0:50	27	24.8	4.9	3089	7.3	23	FS	22
1978	980118	54	5	9/6/1978	1:05	0	24.2	4.9	2780	7.3	14	FS	22
1978	980119	50	5	9/6/1978	1:40	0	24.2	3.9	5162	7.1	39	FS	22
1978	980120	44	4	9/6/1978	2:30	0	24.2	4.3	6503	7	7	FS	22
1978	980121	42	5	9/6/1978	2:50	0	24.9	4.5	8784	7.2	12	FS	22
1978	980122	42	5	9/6/1978	3:10	0	24.9	4.5	8385	7.1	26	FS	22
1978	980123	41	5	9/6/1978	3:28	0	25	4.5	9463	7	19	FS	22
1978	980124	14	4	9/6/1978	19:50	5	25.2	4.9	21329	6.8	35	FS	22
1978	980125	15	4	9/6/1978	20:00	0	26.5		19403	7.2	10	FS	22
1978	980126	18	4	9/6/1978	20:25	0	25		18428	6.9	27	FS	22
1978	980127	19	4	9/6/1978	20:43	0	26		17918	7	26	FS	22
1978	980128	21	4	9/6/1978	21:12	3	25	4	15938	7.1	9	FS	22
1978	980129	21	4	9/6/1978	21:21	5	24.9	4.2	15971	7.3	12	FS	22
1978	980131	22	4	9/6/1978	21:42	5	25.1	4.7	15905	7.3	17	FS	22
1978	980132	24	4	9/6/1978	21:51	0	25.2	4.6	15873	7.3	18	FS	22
1978	980133	24	4	9/6/1978	22:05	0	25.9	4.5	15461	7.3	15	FS	22
1978	980134	24	4	9/6/1978	22:14	4	25	4.1	15938	7.2	15	FS	22
1978	980135	24	4	9/6/1978	22:22	5	24.5	3.9	15943	7.4	22	FS	22
1978	980136	25	4	9/6/1978	22:30	5	25	4	15938	7.4	29	FS	22
1978	980137	25	4	9/6/1978	22:39	5	24.6	4	15910	7.3	38	FS	22
1978	980138	25	5	9/6/1978	22:48	7	24.9	4	15471	7.4	16	FS	22
1978	980139	25	4	9/6/1978	23:00	6	24.9	4.2	14972	7.3	15	FS	22
1978	980140	26	5	9/6/1978	23:10	5	24.9	4	15471	7.3	19	FS	22
1978	980141	26	4	9/6/1978	23:15	4	24.2	4.3	15388	7.4	28	FS	22
1978	980142	26	4	9/6/1978	23:25	5	24.3	4.4	15356	7.3	16	FS	22
1978	980143	27	4	9/6/1978	23:34	5	24.3	3.9	14861	7.3	19	FS	22
1978	980144	26	5	9/6/1978	23:45	0	25	4.7	14444	7.3	5	FS	22

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1978	980145	26	6	9/6/1978	23:55	3	24.8	4.1	14503	7.4	7	FS	22
1978	980146	28	5	9/7/1978	0:18	8	25.1	4	14414	7.3	19	FS	22
1978	980147	27	4	9/7/1978	0:32	0	25.5	4.7	15085	7.4	17	FS	22
1978	980148	27	4	9/7/1978	0:40	4	24.9	4.5	14972	7.3	16	FS	22
1978	980149	27	4	9/7/1978	0:49	3	24.2	4.4	14892	7.3	22	FS	22
1978	980150	27	4	9/7/1978	0:55	3	24.5	4.6	14947	7.3	27	FS	22
1978	980151	27	4	9/7/1978	1:03	3	24.5	4.1	15444	7.3	26	FS	22
1978	980152	33	5	9/7/1978	19:45	0	25		10957	7.1	15	FS	22
1978	980153	33	6	9/7/1978	19:55	5	25.1	8.1	10786	7.4	13	FS	22
1978	980154	32	6	9/7/1978	20:10	3	25.5	7.2	11388	7.1	10	FS	22
1978	980155	32	6	9/7/1978	20:20	3	24.2	6.8	12050	7.1	9	FS	22
1978	980156	31	6	9/7/1978	20:31	3	24.3	6.9	11823	7.2	14	FS	22
1978	980157	31	6	9/7/1978	20:40	3	24.2	7.3	11544	7.2	12	FS	22
1978	980158	30	6	9/7/1978	20:50	3	24.1	7.8	11365	7.5	12	FS	22
1978	980159	29	5	9/7/1978	21:15	0	24.9		11778	7.2	9	FS	22
1978	980160	29	5	9/7/1978	21:25	11	23.9	6.3	13347	7.2	12	FS	22
1978	980161	28	4	9/7/1978	21:58	3	23.4	7.1	12559	7.4	17	FS	22
1978	980162	29	4	9/7/1978	22:05	3	23.2	7.1	12508	7.4	16	FS	22
1978	980163	29	4	9/7/1978	22:12	3	23.7	7.1	11459	7.5	14	FS	22
1978	980164	29	4	9/7/1978	22:20	3	23.5	7.1	12225	7.5	15	FS	22
1978	980165	29	4	9/7/1978	22:28	0	24		12100	7.6	8	FS	22
1978	980166	29	4	9/7/1978	22:36	3	22.9	7	12482	7.5	12	FS	22
1978	980167	29	4	9/7/1978	22:50	3	22.9	7.1	12170	7.2	8	FS	22
1978	980168	30	4	9/7/1978	23:05	3	23	7.1	11833	7.4	9	FS	22
1978	980169	30	4	9/7/1978	23:17	6	23.1	6.8	10980	7.4	6	FS	22
1978	980170	30	4	9/7/1978	23:30	5	23.2	7	11268	7.4	6	FS	22
1978	980171	31	4	9/7/1978	23:41	4	22.5	7.2	11537	7.3	6	FS	22
1978	980172	31	4	9/8/1978	0:01	4	22.3	7.6	11585	7.4	6	FS	22
1978	980173	31	5	9/8/1978	0:15	8	22.6	7.2	10885	7.4	5	FS	22
1978	980174	32	5	9/8/1978	0:35	9	22.9	7.1	10610	7.4	6	FS	22
1978	980175	34	5	9/8/1978	1:05	12	22.8	6.9	10944	7.5	10	FS	22
1978	980176	34	5	9/8/1978	1:15	14	22.9	6.9	10818	7.4	14	FS	22
1978	980177	34	5	9/8/1978	1:25	9	22.8	7.1	10736	7.5	8	FS	22
1978	980178	34	6	9/8/1978	1:35	3	22.1	7.3	10999	7.4	6	FS	22
1978	980179	34	6	9/8/1978	1:45	3	22.7	7.1	10549	7.4	5	FS	22
1978	980180	34	6	9/8/1978	1:55	3	22.1	7.1	11316	7.4	6	FS	22
1978	980181	35	6	9/8/1978	2:10	3	22.1	7.2	10576	7.5	4	FS	22
1978	980182	35	6	9/8/1978	2:25	3	22	7.9	10386	7.6	4	FS	22
1978	980183	36	6	9/8/1978	2:35	3	22.3	7.8	10006	7.6	4	FS	22
1978	980184	40	5	9/8/1978	19:42	14	23.2	7	8993	7.3	5	FS	22
1978	980185	40	4	9/8/1978	19:51	3	23.8	7.2	8883	7.3	4	FS	22
1978	980186	40	5	9/8/1978	20:03	24	23.4	7	10089	7.3	6	FS	22
1978	980187	40	5	9/8/1978	20:14	12	23.3	7	10110	7.3	13	FS	22
1978	980188	39	4	9/8/1978	20:25	4	23	7.3	9238	7.3	6	FS	22
1978	980189	39	4	9/8/1978	20:36	3	22.9	7.2	9258	7.4	10	FS	22
1978	980190	37	5	9/8/1978	20:54	8	22.9	7.4	10090	7.2	5	FS	22
1978	980191	37	5	9/8/1978	21:04	9	22.8	7	10528	7.2	4	FS	22
1978	980192	37	5	9/8/1978	21:15	7	23	7	10588	7.2	5	FS	22
1978	980193	36	5	9/8/1978	21:30	12	22	6.9	10916	7.2	10	FS	22
1978	980194	35	5	9/8/1978	21:45	9	21.8	7.3	10430	7.2	4	FS	22
1978	980195	36	6	9/8/1978	22:00	3	22.5	7.3	10488	7.2	5	FS	22
1978	980196	36	6	9/8/1978	22:11	3	23	7.2	9757	7.2	4	FS	22
1978	980197	36	6	9/8/1978	22:20	3	22.7	7.1	10132	7.3	3	FS	22
1978	980198	36	6	9/8/1978	22:30	3	22.7	7.1	10340	7.2	4	FS	22
1978	980199	37	6	9/8/1978	22:42	3	22.1	7.1	10047	7.2	4	FS	22
1978	980200	37	6	9/8/1978	23:01	3	22.3	7.6	9690	7.1	4	FS	22
1978	980202	38	6	9/8/1978	23:40	3	23	6.9	9342	7.1	4	FS	22
1978	980203	38	6	9/8/1978	23:55	4	23	6.6	8823	7	4	FS	22
1978	980204	73	5	9/18/1978	20:19	0	20.5		436	7.1	5	FS	23

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980205	68	5	9/18/1978	20:52	9	21	6.6	227	7.1	4	FS	23
1978	980206	64	5	9/18/1978	21:19	0	21.7		315	7.2	5	FS	23
1978	980207	62	5	9/18/1978	21:33	0	22.1		296	7.3	4	FS	23
1978	980208	61	5	9/18/1978	21:50	0	22.2		420	7.4	7	FS	23
1978	980209	59	5	9/18/1978	22:05	0	22.2		485	7.5	9	FS	23
1978	980210	59	5	9/18/1978	22:13	0	22.3		518	7.6	10	FS	23
1978	980211	59	5	9/18/1978	22:24	0	22.2		718	7.5	8	FS	23
1978	980212	59	5	9/18/1978	22:33	0	22		848	7.6	7	FS	23
1978	980213	58	6	9/18/1978	22:42	0	22		933	7.5	7	FS	23
1978	980214	58	6	9/18/1978	22:50	0	22.2		844	7.4	7	FS	23
1978	980215	57	6	9/18/1978	23:13	0	22.4		1198	7.5	7	FS	23
1978	980216	56	6	9/18/1978	23:23	0	22.3		1211	7.6	7	FS	23
1978	980219	55	5	9/19/1978	0:02	0	22		1378	7.6	7	FS	23
1978	980220	53	5	9/19/1978	0:21	0	22.2		1805	7.5	10	FS	23
1978	980221	51	5	9/19/1978	0:58	0	22.4		2602	7.5	10	FS	23
1978	980222	50	5	9/19/1978	1:15	0	22.6		3192	7.4	10	FS	23
1978	980223	46	5	9/19/1978	1:50	0	23.4		5137	7.4	8	FS	23
1978	980224	45	5	9/19/1978	2:04	0	23.5		5219	7.5	10	FS	23
1978	980226	44	4	9/19/1978	2:29	0	22.4		3752	7.5	7	FS	23
1978	980227	42	4	9/19/1978	2:46	0	23		7059	7.4	7	FS	23
1978	980228	42	5	9/19/1978	19:59	15	21	6.9	6013	7.4	12	FS	23
1978	980229	42	5	9/19/1978	20:06	14	21.6	6.6	6093	7.3	23	FS	23
1978	980230	41	4	9/19/1978	20:22	6	21.4	6.5	6619	7.3	10	FS	23
1978	980231	41	4	9/19/1978	22:30	5	21.6	6.7	6741	7.4	8	FS	23
1978	980232	39	4	9/19/1978	20:49	4	22	6.7	6699	7.4	14	FS	23
1978	980233	39	5	9/19/1978	21:00	8	22	6.7	6799	7.5	24	FS	23
1978	980234	39	5	9/19/1978	21:10	12	22	6.4	7049	7.5	11	FS	23
1978	980235	39	6	9/19/1978	21:20	4	22	6.4	7599	7.5	11	FS	23
1978	980236	38	6	9/19/1978	21:30	5	22.1	6.3	7234	7.5	11	FS	23
1978	980237	38	6	9/19/1978	21:38	3	22.3	6.2	7272	7.5	10	FS	23
1978	980238	38	6	9/19/1978	21:46	3	22.3	6.3	7222	7.4	11	FS	23
1978	980239	37	5	9/19/1978	21:58	8	22.4	6.5	6957	7.5	9	FS	23
1978	980241	37	5	9/19/1978	22:20	9	22.3	6.7	7723	7.4	12	FS	23
1978	980242	36	5	9/19/1978	22:33	9	22.2	6.5	7716	7.4	14	FS	23
1978	980243	36	5	9/19/1978	22:43	0	22.4		7408	7.5	8	FS	23
1978	980244	37	6	9/19/1978	23:01	0	22.3		8275	7.5	7	FS	23
1978	980245	36	6	9/19/1978	23:16	3	22	7	8149	7.5	10	FS	23
1978	980246	36	6	9/19/1978	23:24	5	22.1	7.4	8380	7.5	11	FS	23
1978	980247	35	6	9/19/1978	23:42	3	22.1	7.4	9179	7.5	9	FS	23
1978	980248	35	6	9/19/1978	23:51	3	21.8	7.6	9187	7.5	7	FS	23
1978	980249	36	6	9/19/1978	23:58	3	21.4	7.5	9077	7.4	10	FS	23
1978	980250	35	6	9/20/1978	0:10	4	22	7.2	8998	7.4	10	FS	23
1978	980251	35	5	9/20/1978	0:24	9	22	7.3	9198	7.4	11	FS	23
1978	980252	35	5	9/20/1978	0:33	12	22.3	7.2	9679	7.4	14	FS	23
1978	980253	35	6	9/20/1978	0:45	5	21.6	7.3	9488	7.4	11	FS	23
1978	980254	35	6	9/20/1978	0:56	4	21.6	7.3	8989	7.4	7	FS	23
1978	980255	34	6	9/20/1978	1:06	3	21	7.2	10521	7.4	7	FS	23
1978	980256	34	6	9/20/1978	1:15	3	21.5	7	10509	7.4	9	FS	23
1978	980257	34	5	9/20/1978	1:25	7	21.1	7.3	9999	7.3	9	FS	23
1978	980258	34	5	9/20/1978	1:34	12	21.6	7.3	10487	7.4	9	FS	23
1978	980259	33	4	9/20/1978	1:55	4	20.8	6.9	10566	7.5	7	FS	23
1978	980260	33	5	9/20/1978	2:05	9	20.5	7.1	12040	7.5	8	FS	23
1978	980261	33	6	9/20/1978	2:19	5	21	6.8	11022	7.4	7	FS	23
1978	980262	33	6	9/20/1978	2:29	4	20.9	6.8	10543	7.5	7	FS	23
1978	980263	32	5	9/20/1978	2:39	9	20.9	6.7	12050	7.4	8	FS	23
1978	980264	32	5	9/20/1978	2:50	12	21	6.9	12526	7.4	18	FS	23
1978	980265	15	4	9/20/1978	19:45	5	21.6	5.2	19237	7.3	35	FS	23
1978	980266	18	4	9/20/1978	20:07	5	22	6.2	17275	7.3	26	FS	23
1978	980267	18	4	9/20/1978	20:16	5	22.1	5.9	17027	7.3	28	FS	23

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980268	20	6	9/20/1978	20:35	6	22	6.3	16533	7.3	13	FS	23
1978	980269	21	4	9/20/1978	20:49	5	22	6.6	15579	7.4	32	FS	23
1978	980270	22	4	9/20/1978	21:10	5	22	7.2	13990	7.5	22	FS	23
1978	980271	23	4	9/20/1978	21:20	5	21.9	7.3	13594	7.5	19	FS	23
1978	980272	26	4	9/20/1978	21:37	2	21.5	7.5	13173	7.4	15	FS	23
1978	980273	25	4	9/20/1978	21:48	3	21.7	7.5	12798	7.5	13	FS	23
1978	980274	26	5	9/20/1978	21:58	7	21.4	7.7	12342	7.5	13	FS	23
1978	980275	26	4	9/20/1978	22:08	5	21.5	7.7	12209	7.5	12	FS	23
1978	980276	26	4	9/20/1978	22:17	3	21.9	7.5	11682	7.5	15	FS	23
1978	980277	26	4	9/20/1978	22:25	4	22	7.5	11128	7.5	8	FS	23
1978	980278	26	6	9/20/1978	22:44	3	21.8	7.3	11068	7.4	4	FS	23
1978	980279	27	4	9/20/1978	23:02	3	21.5	7	12958	7.3	18	FS	23
1978	980280	27	4	9/20/1978	23:11	5	21.9	7.3	10514	7.4	8	FS	23
1978	980281	28	6	9/20/1978	23:25	5	21.6	7.2	11649	7.4	10	FS	23
1978	980282	28	4	9/20/1978	23:38	5	21.9	7.4	11045	7.4	7	FS	23
1978	980283	28	4	9/20/1978	23:47	6	21.7	7.4	10985	7.4	8	FS	23
1978	980284	28	4	9/20/1978	23:55	5	21.2	7.7	11208	7.5	8	FS	23
1978	980285	29	6	9/21/1978	0:08	4	21.7	7.2	11198	7.4	6	FS	23
1978	980286	29	4	9/21/1978	0:20	6	21.3	7.2	11830	7.4	12	FS	23
1978	980287	29	4	9/21/1978	0:30	5	21.5	7.3	11352	7.4	8	FS	23
1978	980288	29	4	9/21/1978	0:37	5	21.4	7.3	11054	7.4	10	FS	23
1978	980289	29	4	9/21/1978	0:45	4	21.5	7.2	11780	7.4	12	FS	23
1978	980290	29	4	9/21/1978	0:56	4	21.4	7.4	12771	7.4	13	FS	23
1978	980291	30	4	9/21/1978	1:06	5	21.4	7.4	12449	7.4	12	FS	23
1978	980292	29	6	9/21/1978	20:05	3	23	7	10484	7.4	14	FS	23
1978	980293	30	5	9/21/1978	20:15	12	22.3	6.7	12217	7.3	16	FS	23
1978	980294	30	5	9/21/1978	20:24	14	22.5	6.7	11642	7.4	20	FS	23
1978	980295	31	4	9/21/1978	20:37	5	22.7	7.4	10758	7.4	13	FS	23
1978	980296	31	4	9/21/1978	20:45	5	23	7.3	10276	7.4	14	FS	23
1978	980297	31	4	9/21/1978	20:52	5	23	7.8	10380	7.5	11	FS	23
1978	980298	31	4	9/21/1978	20:59	5	22.9	7.3	10402	7.4	13	FS	23
1978	980299	31	5	9/21/1978	21:14	10	23	6.5	10484	7.3	16	FS	23
1978	980300	31	5	9/21/1978	21:24	9	23	6.5	10276	7.3	26	FS	23
1978	980301	31	6	9/21/1978	21:32	4	23	6.8	9757	7.3	13	FS	23
1978	980302	31	6	9/21/1978	21:40	4	23	6.8	9550	7.3	15	FS	23
1978	980303	31	6	9/21/1978	21:46	4	22.9	6.8	9466	7.3	11	FS	23
1978	980304	31	6	9/21/1978	21:54	4	23	7	9757	7.4	16	FS	23
1978	980305	32	6	9/21/1978	22:01	3	22.9	6.7	9362	7.4	28	FS	23
1978	980306	32	6	9/21/1978	22:09	3	22.9	7.2	9362	7.4	9	FS	23
1978	980307	32	6	9/21/1978	22:18	3	23	7	9238	7.4	10	FS	23
1978	980308	42	5	10/2/1978	19:23	10	20.2	6.6	8805	7.2	7	FS	24
1978	980309	42	5	10/2/1978	19:31	12	20	6.6	7958	7.2	3	FS	24
1978	980310	42	5	10/2/1978	19:40	13	20	7	7737	7.2	6	FS	24
1978	980311	41	5	10/2/1978	20:12	15	20	6.4	7737	7.2	3	FS	24
1978	980312	40	5	10/2/1978	20:24	15	20	6.6	8290	7.2	4	FS	24
1978	980313	39	5	10/2/1978	20:35	13	20	6.6	8290	7.2	4	FS	24
1978	980314	39	4	10/2/1978	20:45	3	20.5	6.4	8749	7.2	3	FS	24
1978	980315	39	4	10/2/1978	20:55	0	20		8842	7.2	2	FS	24
1978	980316	39	4	10/2/1978	21:00	4	20	6.6	8842	7.2	4	FS	24
1978	980317	39	6	10/2/1978	21:15	5	19.5	6.8	9495	7.2	4	FS	24
1978	980318	38	6	10/2/1978	21:23	0	21		9740	7.2	3	FS	24
1978	980319	38	6	10/2/1978	21:32	3	20	6.7	9947	7.2	3	FS	24
1978	980320	38	6	10/2/1978	21:40	2	20	6.6	9947	7.2	4	FS	24
1978	980321	38	5	10/2/1978	21:50	10	20	6.4	9947	7.2	3	FS	24
1978	980322	38	5	10/2/1978	22:00	11	20	6.6	9947	7.2	4	FS	24
1978	980323	37	5	10/2/1978	22:10	0	20.5		9843	7.2	1	FS	24
1978	980324	38	6	10/2/1978	22:20	6	19.2	6.6	10680	7.2	4	FS	24
1978	980325	38	6	10/2/1978	22:26	3	20	6.6	10500	7.2	4	FS	24
1978	980326	37	6	10/2/1978	22:35	4	19.5	6.7	11171	7.2	3	FS	24

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1978	980327	37	6	10/2/1978	22:43	2	19	6.5	11290	7.2	3	FS	24
1978	980328	36	6	10/2/1978	22:55	4	19.5	6.8	11171	7.2	2	FS	24
1978	980329	36	5	10/2/1978	23:07	9	19.5	6.9	10054	7.2	3	FS	24
1978	980330	36	5	10/2/1978	23:22	12	19	6.7	11855	7.2	8	FS	24
1978	980331	36	4	10/2/1978	23:36	5	19	7.1	10726	7.2	4	FS	24
1978	980332	36	4	10/2/1978	23:47	4	19.5	7.1	10612	7.2	6	FS	24
1978	980333	36	4	10/2/1978	23:55	5	19	7.1	11290	7.3	4	FS	24
1978	980334	36	6	10/3/1978	0:56	3	19	7.1	11290	7.2	2	FS	24
1978	980335	36	6	10/3/1978	1:05	3	19	7.1	11290	7.3	2	FS	24
1978	980336	35	6	10/3/1978	1:15	3	19	7.3	11290	7.3	3	FS	24
1978	980337	35	6	10/3/1978	1:21	3	19	7.3	11290	7.4	2	FS	24
1978	980338	35	5	10/3/1978	1:42	0	20		11605	7.3	2	FS	24
1978	980339	35	4	10/3/1978	1:55	5	18.5	7	11412	7.3	4	FS	24
1978	980340	74	5	10/3/1978	20:30	18	18	7.6	444	7.3	6	FS	24
1978	980341	67	5	10/3/1978	21:15	15	19	7.9	361	7.6	10	FS	24
1978	980342	64	5	10/3/1978	21:33	15	20	7.8	398	7.6	10	FS	24
1978	980343	63	5	10/3/1978	21:50	13	19.5	8.2	475	7.7	10	FS	24
1978	980344	61	5	10/3/1978	22:05	10	20	8	939	7.6	7	FS	24
1978	980345	58	5	10/3/1978	22:25	12	20	8.1	1326	7.6	6	FS	24
1978	980346	57	5	10/3/1978	22:40	11	19	8.2	1355	7.6	7	FS	24
1978	980347	57	5	10/3/1978	23:00	8	19.5	8.4	1676	7.6	5	FS	24
1978	980348	57	4	10/3/1978	23:14	0	19		1863	7.6	6	FS	24
1978	980349	56	5	10/3/1978	23:25	15	18.5	8.1	2454	7.6	7	FS	24
1978	980350	56	6	10/3/1978	23:37	0	19		2484	7.6	8	FS	24
1978	980351	56	6	10/3/1978	23:45	4	19	7.5	2540	7.6	6	FS	24
1978	980352	56	6	10/3/1978	23:53	5	19	7.7	2935	7.5	8	FS	24
1978	980353	54	5	10/4/1978	0:15	9	19	7.7	3782	7.4	9	FS	24
1978	980354	53	5	10/4/1978	0:25	18	19	7.8	4234	7.4	43	FS	24
1978	980355	49	5	10/4/1978	1:00	0	19		6210	7.2	5	FS	24
1978	980356	49	5	10/4/1978	1:12	0	20		6632	7.3	3	FS	24
1978	980357	14	4	10/4/1978	19:20	6	19	4.6	22355	7.2	35	FS	24
1978	980358	17	4	10/4/1978	19:41	5	18	5.7	21340	7.2	27	FS	24
1978	980359	19	4	10/4/1978	19:59	0	18		17879	7.2	10	FS	24
1978	980360	21	4	10/4/1978	20:08	5	18	5.6	19610	7.2	24	FS	24
1978	980361	21	4	10/4/1978	20:17	5	19	5.4	18968	7.2	17	FS	24
1978	980362	22	4	10/4/1978	20:35	5	18	6.5	17303	7.2	12	FS	24
1978	980363	22	4	10/4/1978	20:45	5	18	6.6	17879	7.2	12	FS	24
1978	980364	24	4	10/4/1978	20:55	5	18	6.2	17303	7.2	10	FS	24
1978	980365	24	6	10/4/1978	21:06	5	18.5	6.2	16205	7.2	4	FS	24
1978	980366	24	6	10/4/1978	21:15	5	19	6.1	15806	7.2	4	FS	24
1978	980367	24	5	10/4/1978	21:23	12	19	5.6	18968	7.1	11	FS	24
1978	980368	24	4	10/4/1978	21:35	5	18.5	6.6	15406	7.2	12	FS	24
1978	980369	25	4	10/4/1978	21:46	6	19	6.6	16709	7.2	15	FS	24
1978	980370	25	5	10/4/1978	21:59	0	18		16149	7.3	5	FS	24
1978	980371	25	4	10/4/1978	22:07	5	18	7.3	17303	7.3	12	FS	24
1978	980372	25	4	10/4/1978	22:17	0	18.5		17118	7.3	16	FS	24
1978	980373	26	4	10/4/1978	22:25	6	18.5	6.8	16547	7.2	17	FS	24
1978	980374	26	4	10/4/1978	22:37	4	18	7.2	16149	7.3	12	FS	24
1978	980375	26	4	10/4/1978	22:45	3	18	6.6	16149	7.3	15	FS	24
1978	980376	27	4	10/4/1978	22:53	5	19	7	15242	7.2	7	FS	24
1978	980377	26	5	10/4/1978	23:01	9	18.5	6.8	17118	7.2	16	FS	24
1978	980378	27	4	10/4/1978	23:17	6	18.2	6.8	15161	7.3	6	FS	24
1978	980379	27	4	10/4/1978	23:25	5	19	7	14677	7.3	9	FS	24
1978	980380	27	4	10/4/1978	23:33	4	18.5	7.2	15748	7.3	13	FS	24
1978	980381	27	4	10/4/1978	23:40	4	18.5	7	15406	7.3	11	FS	24
1978	980382	29	4	10/4/1978	23:55	5	18.5	7	15406	7.3	8	FS	24
1978	980383	29	6	10/5/1978	0:12	5	18.5	6.8	15406	7.2	7	FS	24
1978	980384	30	6	10/5/1978	0:25	5	18.5	6.6	15406	7.2	6	FS	24
1978	980385	31	6	10/5/1978	0:35	3	18.5	6.6	14835	7.2	4	FS	24

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980386	32	6	10/5/1978	0:52	3	18.5	7.1	12553	7.2	3	FS	24
1978	980387	29	4	10/5/1978	19:03	4	18	7.4	13842	7.5	5	FS	24
1978	980388	29	4	10/5/1978	19:10	4	18	7.2	13842	7.5	5	FS	24
1978	980389	29	4	10/5/1978	19:19	3	18.5	7.2	13694	7.4	5	FS	24
1978	980390	29	4	10/5/1978	19:30	5	18.5	7.3	13466	7.4	10	FS	24
1978	980391	30	4	10/5/1978	19:40	3	18.5	7.6	13123	7.4	7	FS	24
1978	980392	30	4	10/5/1978	19:47	3	18.5	7.5	12553	7.4	5	FS	24
1978	980393	30	5	10/5/1978	20:00	6	19	6.9	12419	7.4	11	FS	24
1978	980394	31	4	10/5/1978	20:09	4	19	7.1	12419	7.4	7	FS	24
1978	980395	31	4	10/5/1978	20:17	5	19	6.8	12193	7.4	7	FS	24
1978	980396	31	4	10/5/1978	20:25	5	19	6.9	12419	7.4	7	FS	24
1978	980397	31	4	10/5/1978	20:32	4	18.5	6.8	11982	7.3	10	FS	24
1978	980398	31	4	10/5/1978	20:40	5	19	6.7	11855	7.4	8	FS	24
1978	980399	31	5	10/5/1978	20:47	8	19	6.9	11855	7.4	7	FS	24
1978	980400	32	5	10/5/1978	20:55	7	19	7.5	11516	7.4	4	FS	24
1978	980401	32	4	10/5/1978	21:02	5	19	7.2	11855	7.4	6	FS	24
1978	980402	32	5	10/5/1978	21:22	11	19	6.9	12419	7.3	7	FS	24
1978	980403	33	6	10/5/1978	21:31	5	18	7.1	11535	7.4	3	FS	24
1978	980404	33	5	10/5/1978	21:40	11	19	7.3	11516	7.3	5	FS	24
1978	980405	33	4	10/5/1978	21:53	3	19.5	6.9	10612	7.3	5	FS	24
1978	980406	34	5	10/5/1978	22:00	0	20		9947	7.3	4	FS	24
1978	980407	34	5	10/5/1978	22:08	14	19	7.1	10726	7.4	5	FS	24
1978	980408	44	4	10/2/1978	19:04	5	20	6.9	6632	7.2	4	FS	24
1978	980409	69	5	10/16/1978	19:50	14	19	8.6	350	7.1	7	FS	25
1978	980410	66	5	10/16/1978	20:10	15	18.5	8.4	334	7.1	6	FS	25
1978	980411	64	5	10/16/1978	20:30	12	18.8	8.8	336	7.2	7	FS	25
1978	980412	62	5	10/16/1978	20:45	12	18.5	8.6	371	7.3	7	FS	25
1978	980413	61	6	10/16/1978	21:05	5	18.4	8.5	421	7.4	7	FS	25
1978	980414	61	5	10/16/1978	21:15	9	18	8.3	381	7.4	7	FS	25
1978	980415	60	5	10/16/1978	21:30	9	18	8.2	427	7.4	7	FS	25
1978	980416	58	5	10/16/1978	21:45	12	18	8.3	466	7.3	8	FS	25
1978	980417	58	5	10/16/1978	21:54	12	17.2	8.6	473	7.3	10	FS	25
1978	980418	58	5	10/16/1978	22:05	8	17.5	8.5	1014	7.4	13	FS	25
1978	980419	58	6	10/16/1978	22:15	3	17.8	8.4	1112	7.4	11	FS	25
1978	980420	56	6	10/16/1978	22:30	5	17.8	8.5	946	7.3	10	FS	25
1978	980421	56	6	10/16/1978	22:42	4	17.8	8.3	1159	7.1	17	FS	25
1978	980422	51	5	10/16/1978	23:25	17	17.9	7.8	2347	7	58	FS	25
1978	980423	50	5	10/16/1978	23:42	0	18		2630	7.2	9	FS	25
1978	980424	48	5	10/17/1978	0:05	17	18	7.6	3484	7	30	FS	25
1978	980425	47	5	10/17/1978	0:20	24	18	7.6	4060	7	32	FS	25
1978	980426	42	4	10/17/1978	1:05	4	18.2	7.5	6662	7	10	FS	25
1978	980427	42	5	10/17/1978	1:15	9	18	7.4	6921	7.1	10	FS	25
1978	980428	42	5	10/17/1978	1:30	15	18	7.7	6690	7.1	8	FS	25
1978	980429	42	5	10/17/1978	1:45	12	17.3	7.8	7378	7.1	9	FS	25
1978	980430	41	5	10/17/1978	2:00	13	16.9	7.9	7206	7.1	7	FS	25
1978	980431	41	5	10/17/1978	19:02	17	15.8	8.2	5991	7.3	8	FS	25
1978	980432	41	5	10/17/1978	19:11	16	15.8	8.4	5930	7.4	9	FS	25
1978	980433	41	4	10/17/1978	19:23	5	16.1	8.4	6132	7.4	7	FS	25
1978	980434	41	4	10/17/1978	19:33	5	16	8.6	6145	7.4	7	FS	25
1978	980435	41	4	10/17/1978	19:43	5	16.1	8.4	5891	7.5	8	FS	25
1978	980436	41	4	10/17/1978	19:50	5	16.2	8.4	5518	7.5	8	FS	25
1978	980437	38	5	10/17/1978	20:20	11	16.1	8.2	5891	7.4	19	FS	25
1978	980438	38	5	10/17/1978	20:30	9	18	8.5	5768	7.5	17	FS	25
1978	980439	38	5	10/17/1978	20:40	11	17.5	8.4	6063	7.5	9	FS	25
1978	980440	38	6	10/17/1978	20:50	3	17.3	8.4	5856	7.5	7	FS	25
1978	980441	38	6	10/17/1978	21:04	4	17.3	8.5	5973	7.5	6	FS	25
1978	980442	37	6	10/17/1978	21:13	3	17.4	8.2	6077	7.5	6	FS	25
1978	980443	37	6	10/17/1978	21:22	4	17.8	8.2	5908	7.5	7	FS	25
1978	980444	37	5	10/17/1978	21:36	0	17.8		6024	7.5	9	FS	25

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980445	36	6	10/17/1978	21:54	0	16.3		8140	7.5	6	FS	25
1978	980446	36	6	10/17/1978	22:01	3	16.2	8.5	8397	7.5	6	FS	25
1978	980447	36	6	10/17/1978	22:09	3	16	8.5	8435	7.5	6	FS	25
1978	980448	36	6	10/17/1978	22:19	0	16		8314	7.5	6	FS	25
1978	980449	36	6	10/17/1978	22:26	4	16	8.6	8194	7.5	7	FS	25
1978	980450	36	5	10/17/1978	22:39	8	16.9	8.4	7088	7.4	8	FS	25
1978	980451	35	6	10/17/1978	22:48	5	17	8.4	7073	7.4	7	FS	25
1978	980452	35	6	10/17/1978	22:58	4	16.4	8.5	7405	7.5	7	FS	25
1978	980453	35	6	10/17/1978	23:04	4	16	8.2	7953	7.5	10	FS	25
1978	980454	35	6	10/17/1978	23:14	3	16	8.2	8194	7.5	10	FS	25
1978	980455	35	6	10/18/1978	0:22	4	16	8.6	8314	7.5	9	FS	25
1978	980456	35	6	10/18/1978	0:31	4	16	8.6	8314	7.5	7	FS	25
1978	980457	35	5	10/18/1978	0:41	11	15.8	8.4	8351	7.4	8	FS	25
1978	980458	35	5	10/18/1978	0:49	10	16.1	8.4	8296	7.4	7	FS	25
1978	980459	34	5	10/18/1978	1:02	11	16	8.3	8676	7.4	14	FS	25
1978	980460	33	5	10/18/1978	1:18	12	15.9	8.1	9540	7.3	15	FS	25
1978	980461	33	4	10/18/1978	1:30	4	15	8.6	9117	7.4	8	FS	25
1978	980462	32	6	10/18/1978	1:47	3	15	8.2	9610	7.4	8	FS	25
1978	980463	32	6	10/18/1978	1:55	4	15	8.2	9856	7.4	9	FS	25
1978	980464	31	6	10/18/1978	2:03	3	15	8.2	9733	7.4	11	FS	25
1978	980465	31	6	10/18/1978	2:11	3	15	8.3	9733	7.4	10	FS	25
1978	980466	14	4	10/18/1978	19:25	5	18.2	5.8	17803	7.1	15	FS	25
1978	980467	18	4	10/18/1978	19:56	0	17.5		15042	7.2	11	FS	25
1978	980468	19	4	10/18/1978	20:09	5	17.8	7.2	14250	7.2	12	FS	25
1978	980469	22	4	10/18/1978	20:35	5	16.9	7.8	12641	7.3	13	FS	25
1978	980470	22	4	10/18/1978	20:42	5	15	8.2	12936	7.3	13	FS	25
1978	980471	23	4	10/18/1978	20:54	5	14.8	7.8	12623	7.3	10	FS	25
1978	980472	24	4	10/18/1978	21:05	5	15.3	7.8	12115	7.2	12	FS	25
1978	980473	24	4	10/18/1978	21:14	5	15.3	7.7	11993	7.4	14	FS	25
1978	980474	24	4	10/18/1978	21:20	5	14.5	7.8	12210	7.3	13	FS	25
1978	980475	25	5	10/18/1978	21:32	12	15.5	7.4	13158	7.2	15	FS	25
1978	980476	25	5	10/18/1978	21:42	13	15.3	7.7	11748	7.3	8	FS	25
1978	980477	25	6	10/18/1978	21:53	5	15.2	7.7	11039	7.2	6	FS	25
1978	980478	25	6	10/18/1978	22:02	2	15.3	7.8	11014	7.2	6	FS	25
1978	980479	25	4	10/18/1978	22:16	5	15	7.7	12197	7.3	13	FS	25
1978	980480	26	4	10/18/1978	22:25	5	15.2	7.5	12020	7.3	10	FS	25
1978	980481	26	4	10/18/1978	22:37	5	15.1	7.7	11801	7.3	8	FS	25
1978	980482	27	4	10/18/1978	22:46	0	15.3		10892	7.3	6	FS	25
1978	980483	26	5	10/18/1978	22:54	0	15.7		11887	7.3	10	FS	25
1978	980484	27	5	10/18/1978	23:14	12	15.5	7.5	11940	7.3	16	FS	25
1978	980485	27	5	10/18/1978	23:30	12	15.3	8	11259	7.3	8	FS	25
1978	980486	27	4	10/18/1978	23:40	5	15	7.5	11088	7.3	7	FS	25
1978	980487	28	4	10/18/1978	23:50	0	15.3		11014	7.3	10	FS	25
1978	980488	28	4	10/18/1978	23:58	5	15.2	7.7	10916	7.3	12	FS	25
1978	980489	28	4	10/19/1978	0:08	5	15	7.6	11088	7.3	10	FS	25
1978	980490	31	4	10/19/1978	18:57	4	16	8.1	8435	7.3	12	FS	25
1978	980491	31	4	10/19/1978	19:05	4	16	8	8435	7.3	16	FS	25
1978	980492	31	4	10/19/1978	19:16	4	15.3	8.2	8322	7.4	13	FS	25
1978	980493	30	4	10/19/1978	19:24	3	15.4	8.2	8670	7.4	11	FS	25
1978	980494	30	5	10/19/1978	19:36	8	16	8.1	8435	7.4	18	FS	25
1978	980495	30	6	10/19/1978	19:46	3	15.3	7.9	8444	7.4	14	FS	25
1978	980496	30	6	10/19/1978	19:55	4	15.2	7.8	8586	7.4	14	FS	25
1978	980497	29	6	10/19/1978	20:07	2	15.1	7.9	8605	7.4	11	FS	25
1978	980498	29	6	10/19/1978	20:16	2	15	8	8624	7.4	10	FS	25
1978	980499	29	5	10/19/1978	20:26	11	15.4	7.8	8914	7.4	13	FS	25
1978	980500	28	4	10/19/1978	20:38	3	15.2	7.6	9689	7.4	14	FS	25
1978	980501	29	4	10/19/1978	20:46	5	15.2	7.5	9444	7.4	20	FS	25
1978	980502	29	4	10/19/1978	20:54	4	15.1	7.5	9588	7.4	17	FS	25
1978	980503	29	4	10/19/1978	21:08	4	15.1	7.5	9588	7.3	14	FS	25

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980504	29	4	10/19/1978	21:18	4	15	7.7	9363	7.4	12	FS	25
1978	980505	29	4	10/19/1978	21:27	0	15.2		8831	7.4	9	FS	25
1978	980506	29	4	10/19/1978	21:34	5	15.2	7.6	8586	7.4	11	FS	25
1978	980507	30	4	10/19/1978	21:44	4	15.2	7.8	8586	7.4	7	FS	25
1978	980508	30	4	10/19/1978	21:53	4	15.1	7.8	8605	7.4	11	FS	25
1978	980509	74	5	10/30/1978	18:55	14	12.8	9	227	7.3	3	FS	26
1978	980510	73	5	10/30/1978	19:12	18	14	9.1	229	7.2	7	FS	26
1978	980511	71	5	10/30/1978	19:35	15	13.1	8.7	233	7.4	5	FS	26
1978	980512	67	5	10/30/1978	20:15	15	13.5	8.3	243	7.3	3	FS	26
1978	980513	61	5	10/30/1978	21:07	10	14	8.5	244	7.3	8	FS	26
1978	980514	60	5	10/30/1978	21:22	11	13.8	8.8	267	7.4	29	FS	26
1978	980515	60	6	10/30/1978	21:30	2	13.3	9	303	7.4	6	FS	26
1978	980516	58	5	10/30/1978	21:42	9	13.8	8.4	291	7.4	17	FS	26
1978	980517	57	6	10/30/1978	22:00	5	13.8	8.1	320	7.4	17	FS	26
1978	980518	56	6	10/30/1978	22:10	3	14	8.3	359	7.4	10	FS	26
1978	980519	56	5	10/30/1978	22:20	11	14	8.1	372	7.5	12	FS	26
1978	980520	57	4	10/30/1978	22:33	0	13.9		318	7.4	8	FS	26
1978	980521	56	5	10/30/1978	22:43	9	14	8.4	377	7.4	10	FS	26
1978	980522	55	5	10/30/1978	23:00	0	14.8		469	7.4	7	FS	26
1978	980523	54	5	10/30/1978	23:14	21	14.1	8.2	605	7.5	21	FS	26
1978	980524	50	5	10/30/1978	23:50	23	14.6	7.7	1964	7.4	8	FS	26
1978	980526	49	5	10/31/1978	0:20	15	15	7.3	2575	7.5	11	FS	26
1978	980527	42	5	10/31/1978	1:05	7	15.2	7.6	4759	7.4	9	FS	26
1978	980528	42	5	10/31/1978	1:16	8	15.7	7.5	4112	7.5	8	FS	26
1978	980529	42	5	10/31/1978	1:25	9	15.2	7.5	4538	7.5	8	FS	26
1978	980530	41	5	10/31/1978	1:35	18	14.8	7.7	5581	7.4	7	FS	26
1978	980531	14	4	10/31/1978	17:36	0	15.2		15945	7.4	9	FS	26
1978	980532	15	4	10/31/1978	17:45	5	14.5	7.3	16820	7.3	34	FS	26
1978	980533	16	4	10/31/1978	18:00	5	11	6.6	16890	7.3	10	FS	26
1978	980534	17	4	10/31/1978	18:10	6	11	7.7	16215	7.3	18	FS	26
1978	980535	20	4	10/31/1978	18:35	0				7.4	14	FS	26
1978	980536	22	4	10/31/1978	18:55	5	14	7.8	12601	7.4	27	FS	26
1978	980537	23	4	10/31/1978	19:10	5	16	7.9	10844	7.4	32	FS	26
1978	980538	24	4	10/31/1978	19:20	5	14.5	7.5	11836	7.4	22	FS	26
1978	980539	25	4	10/31/1978	19:37	5	14	10.2	11341	7.3	17	FS	26
1978	980540	25	4	10/31/1978	19:47	5	14.2	9.2	11917	7.4	35	FS	26
1978	980541	25	5	10/31/1978	20:00	14	13.5	5	12745	7.3	19	FS	26
1978	980542	26	6	10/31/1978	20:10	0	14.9		11113	7.4	6	FS	26
1978	980543	25	4	10/31/1978	20:25	0	15		11704	7.5	9	FS	26
1978	980544	25	4	10/31/1978	20:33	0	15		11458	7.4	8	FS	26
1978	980545	25	4	10/31/1978	20:40	0	15		11088	7.3	7	FS	26
1978	980546	26	4	10/31/1978	20:50	0	14.5		11462	7.4	6	FS	26
1978	980547	26	5	10/31/1978	21:00	0	15		10965	7.3	4	FS	26
1978	980548	26	4	10/31/1978	21:11	0	15		11334	7.3	6	FS	26
1978	980549	27	4	10/31/1978	21:20	0	15.2		11652	7.3	8	FS	26
1978	980550	27	4	10/31/1978	21:37	0	15.3		11014	7.4	7	FS	26
1978	980551	27	4	10/31/1978	21:47	0	15.2		11039	7.4	9	FS	26
1978	980552	28	4	10/31/1978	22:00	0	15		9856	7.4	7	FS	26
1978	980553	29	4	10/31/1978	22:15	0	15.6		9725	7.4	7	FS	26
1978	980554	29	4	10/31/1978	22:24	0	15		9733	7.4	6	FS	26
1978	980555	29	4	10/31/1978	22:31	0	15		9733	7.5	6	FS	26
1978	980556	29	4	10/31/1978	22:45	0	15		9240	7.4	8	FS	26
1978	980557	30	4	10/31/1978	22:55	0	15		8624	7.4	7	FS	26
1978	980558	30	4	10/31/1978	23:05	0	15.5		8528	7.4	6	FS	26
1978	980559	30	5	11/1/1978	17:35	9	14.8	8.5	7673	7.4	14	FS	26
1978	980561	30	6	11/1/1978	17:47	2	14	10.5	7560	7.5	8	FS	26
1978	980562	30	5	11/1/1978	18:00	8	15	10.2	7392	7.4	13	FS	26
1978	980563	30	5	11/1/1978	18:10	12	14.2	9.3	8153	7.4	22	FS	26
1978	980564	29	6	11/1/1978	18:25	0	14.5		6479	7.5	8	FS	26

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980565	29	6	11/1/1978	18:40	0	14.1		8423	7.4	11	FS	26
1978	980566	28	5	11/1/1978	18:55	12	15.1	8.8	7498	7.4	10	FS	26
1978	980567	29	4	11/1/1978	19:07	4	14.9	8.7	7409	7.5	12	FS	26
1978	980568	30	4	11/1/1978	19:15	5	14.2	9.2	6523	7.5	13	FS	26
1978	980569	30	4	11/1/1978	19:25	3	14.9	9	7285	7.4	11	FS	26
1978	980570	30	4	11/1/1978	19:35	3	15	8.9	6653	7.4	9	FS	26
1978	980571	30	4	11/1/1978	19:45	6	14.5	9.1	6354	7.4	15	FS	26
1978	980572	31	4	11/1/1978	19:57	6	14.1	8.8	7418	7.4	13	FS	26
1978	980573	32	4	11/1/1978	20:08	4	13.8	8.7	6962	7.4	9	FS	26
1978	980574	32	5	11/1/1978	20:20	8	14.1	8.6	7040	7.5	8	FS	26
1978	980575	32	6	11/1/1978	20:35	3	14	8.8	6426	7.4	5	FS	26
1978	980576	32	6	11/1/1978	20:47	2	14	8.9	6187	7.5	6	FS	26
1978	980577	32	6	11/1/1978	20:57	2	14	8.8	5670	7.4	6	FS	26
1978	980578	33	6	11/1/1978	21:15	3	14	9	5444	7.5	7	FS	26
1978	980579	33	6	11/1/1978	21:25	4	13.6	8.6	6015	7.4	9	FS	26
1978	980580	33	5	11/1/1978	21:36	12	13.6	8.6	6612	7.4	14	FS	26
1978	980581	34	6	11/1/1978	21:50	3	13.2	9.2	5903	7.5	5	FS	26
1978	980582	34	6	11/1/1978	22:00	4	13.5	8.7	5990	7.4	7	FS	26
1978	980583	34	5	11/1/1978	22:20	8	13.5	8.6	5990	7.4	14	FS	26
1978	980584	34	5	11/1/1978	22:30	14	13.8	8.4	7721	7.4	26	FS	26
1978	980585	35	5	11/1/1978	22:44	12	14	8.4	6048	7.5	15	FS	26
1978	980586	35	5	11/1/1978	23:20	10	13.7	8.5	6470	7.4	12	FS	26
1978	980587	35	5	11/1/1978	23:30	8	13.5	8.5	6500	7.4	15	FS	26
1978	980588	35	6	11/1/1978	23:47	3	13.9	8.4	5898	7.4	9	FS	26
1978	980589	35	6	11/1/1978	23:58	3	14.2	8.2	6397	7.4	5	FS	26
1978	980590	36	6	11/2/1978	0:16	3	14.5	8.2	5295	7.4	4	FS	26
1978	980591	35	6	11/2/1978	0:30	2	14.5	8.3	5818	7.4	4	FS	26
1978	980592	35	6	11/2/1978	0:40	2	13.9	8.4	5658	7.5	3	FS	26
1978	980593	40	4	11/2/1978	17:20	0	12		3431	7.5	7	FS	26
1978	980594	40	5	11/2/1978	17:30	23	16.2	4.8	3743	7.5	17	FS	26
1978	980595	40	4	11/2/1978	17:40	2	16	8.8	3627	7.5	14	FS	26
1978	980596	39	4	11/2/1978	17:50	3	16	8.7	3458	7.5	19	FS	26
1978	980597	37	5	11/2/1978	18:05	11	16.1	8.2	3619	7.4	11	FS	26
1978	980598	37	5	11/2/1978	18:16	8	14.9	8.7	5161	7.4	17	FS	26
1978	980599	37	4	11/2/1978	18:30	5	15.1	8.8	4241	7.5	20	FS	26
1978	980601	36	4	11/2/1978	18:58	0	15.9		4613	7.5	14	FS	26
1978	980603	36	5	11/2/1978	19:34	0	15.8		4902	7.5	11	FS	26
1978	980604	36	6	11/2/1978	19:45	0	15.7		4573	7.4	9	FS	26
1978	980605	37	6	11/2/1978	20:00	0	15.9		5390	7.5	6	FS	26
1978	980606	36	6	11/2/1978	20:11	0	16		5327	7.5	5	FS	26
1978	980607	37	6	11/2/1978	20:25	0	16.3		5030	7.5	10	FS	26
1978	980608	37	6	11/2/1978	20:32	0	17.1		4585	7.5	8	FS	26
1978	980609	38	6	11/2/1978	20:42	0	16.8		4415	7.5	7	FS	26
1978	980610	39	6	11/2/1978	21:01	0	15.8		5101	7.4	10	FS	26
1978	980611	39	6	11/2/1978	21:10	0	16.5		4908	7.4	9	FS	26
1978	980613	39	5	11/2/1978	21:35	0	16.1		3428	7.4	9	FS	26
1978	980614	40	4	11/13/1978	18:20	5	13.9	9	1427	7.3	7	FS	27
1978	980615	40	5	11/13/1978	18:44	0	14.9		3210	7.6	7	FS	27
1978	980616	39	5	11/13/1978	18:57	0	14.5		3102	7.7	9	FS	27
1978	980617	39	4	11/13/1978	19:10	0	14.1		3269	7.7	8	FS	27
1978	980618	39	5	11/13/1978	19:24	0	14.5		3401	7.7	6	FS	27
1978	980619	38	5	11/13/1978	19:37	0	14.5		3601	7.7	7	FS	27
1978	980620	38	5	11/13/1978	19:46	0	14.5		3663	7.7	5	FS	27
1978	980621	38	5	11/13/1978	19:56	0	14.5		3987	7.7	5	FS	27
1978	980622	38	6	11/13/1978	20:08	0	14.5		4622	7.7	7	FS	27
1978	980623	39	6	11/13/1978	20:20	0	14		4965	7.7	8	FS	27
1978	980624	37	6	11/13/1978	20:32	4	13.8	6.9	5468	7.6	14	FS	27
1978	980625	37	6	11/13/1978	20:45	3	13.2	7.1	5801	7.7	8	FS	27
1978	980626	37	6	11/13/1978	20:55	3	12.9	8.1	5918	7.7	7	FS	27

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980627	37	6	11/13/1978	21:07	3	13.2	7.5	5454	7.7	9	FS	27
1978	980628	37	6	11/13/1978	21:19	3	13.2	7.9	5287	7.7	5	FS	27
1978	980629	36	6	11/13/1978	21:30	3	13.5	7.7	5455	7.7	6	FS	27
1978	980630	36	6	11/13/1978	21:43	3	13.4	7.3	5467	7.7	5	FS	27
1978	980631	35	6	11/13/1978	22:05	3	13.4	7.7	5519	7.5	6	FS	27
1978	980632	36	6	11/13/1978	22:17	3	13.2	7.6	5672	7.6	6	FS	27
1978	980633	36	6	11/13/1978	22:32	3	13.4	7.2	5519	7.6	6	FS	27
1978	980634	35	6	11/13/1978	23:10	3	13.3	8.1	7042	7.4	7	FS	27
1978	980635	35	6	11/13/1978	23:18	3	13.2	8	7572	7.4	7	FS	27
1978	980636	34	6	11/13/1978	23:36	3	13.2	8	5711	7.5	4	FS	27
1978	980637	34	5	11/13/1978	23:58	9	13.2	7.9	7828	7.4	6	FS	27
1978	980638	34	5	11/14/1978	0:09	8	13.1	7.7	8103	7.4	7	FS	27
1978	980639	34	5	11/14/1978	0:22	12	13.1	8	7975	7.4	7	FS	27
1978	980640	36	5	11/14/1978	0:42	9	13	8.4	6962	7.4	6	FS	27
1978	980641	36	5	11/14/1978	0:55	8	13	8	7349	7.5	7	FS	27
1978	980642	16	4	11/14/1978	17:17	5	14	6.4	15751	7.4	17	FS	27
1978	980643	16	4	11/14/1978	17:26	5	14	6.3	15751	7.4	19	FS	27
1978	980644	16	4	11/14/1978	17:37	5	13	6.5	15471	7.5	12	FS	27
1978	980645	18	4	11/14/1978	17:57	5	13	6.6	15858	7.5	28	FS	27
1978	980646	21	4	11/14/1978	18:23	3	13	7.3	11603	7.6	6	FS	27
1978	980647	22	4	11/14/1978	18:35	3	13	7	6446	7.6	7	FS	27
1978	980648	22	4	11/14/1978	18:43	3	13	7.1	12248	7.5	7	FS	27
1978	980649	24	4	11/14/1978	18:58	5	13	7.3	12248	7.4	16	FS	27
1978	980650	24	4	11/14/1978	19:10	5	13	7.3	11603	7.5	15	FS	27
1978	980651	25	6	11/14/1978	19:26	0	13		9025	7.6	3	FS	27
1978	980652	26	4	11/14/1978	19:48	5	13	7	7735	7.5	17	FS	27
1978	980653	26	4	11/14/1978	19:56	5	13	7	9025	7.5	15	FS	27
1978	980654	26	4	11/14/1978	20:05	4	13	6.7	9025	7.5	18	FS	27
1978	980655	26	4	11/14/1978	20:15	0	13		11474	7.5	5	FS	27
1978	980656	26	4	11/14/1978	20:25	3	13	7.1	11732	7.6	17	FS	27
1978	980657	26	4	11/14/1978	20:34	3	12.5	7.2	11738	7.6	18	FS	27
1978	980658	27	4	11/14/1978	20:47	5	13	7	10958	7.5	12	FS	27
1978	980659	27	4	11/14/1978	21:02	4	13	7.6	10314	7.5	7	FS	27
1978	980660	28	4	11/14/1978	21:13	3	13	7.3	10958	7.5	11	FS	27
1978	980661	28	4	11/14/1978	21:26	5	13	7	10572	7.6	12	FS	27
1978	980662	28	5	11/14/1978	21:35	9	13	6.9	10056	7.5	9	FS	27
1978	980663	28	5	11/14/1978	21:44	9	13	6.3	11603	7.5	16	FS	27
1978	980664	28	5	11/14/1978	22:00	8	13	6.3	11474	7.4	11	FS	27
1978	980665	64	5	11/15/1978	18:07	13	11	8	311	7.9	9	FS	27
1978	980666	64	5	11/15/1978	18:20	13	11	7.8	304	7.9	9	FS	27
1978	980667	64	5	11/15/1978	18:28	12	11	8	311	8	11	FS	27
1978	980668	62	5	11/15/1978	18:40	15	11.5	7.8	314	7.8	11	FS	27
1978	980669	61	5	11/15/1978	18:57	9	11.5	8.2	574	7.9	21	FS	27
1978	980670	59	5	11/15/1978	19:18	8	11.5	8	641	7.4	17	FS	27
1978	980671	59	6	11/15/1978	19:28	3	11.5	7	454	7.1	18	FS	27
1978	980672	59	5	11/15/1978	19:41	11	11.5	7.9	320	7.1	13	FS	27
1978	980673	58	5	11/15/1978	19:53	0	12		369	7.2	9	FS	27
1978	980674	57	6	11/15/1978	20:08	0	12.5		378	7.2	8	FS	27
1978	980675	56	5	11/15/1978	20:23	0	13		309	7.2	7	FS	27
1978	980676	56	6	11/15/1978	20:34	0	12		363	7.2	7	FS	27
1978	980677	56	6	11/15/1978	20:44	0	13		303	7.3	6	FS	27
1978	980678	54	5	11/15/1978	21:16	0	12.5		339	7.3	5	FS	27
1978	980679	52	5	11/15/1978	21:45	0	12.5		443	7.3	5	FS	27
1978	980680	48	5	11/15/1978	22:20	0	12.5		600	7.3	7	FS	27
1978	980681	47	5	11/15/1978	22:30	0	13		709	7.3	9	FS	27
1978	980682	46	5	11/15/1978	22:47	0	13		935	7.3	7	FS	27
1978	980683	46	5	11/15/1978	23:07	0	12.5		913	7.3	9	FS	27
1978	980684	44	4	11/15/1978	23:28	0	14		1638	7.4	8	FS	27
1978	980685	42	5	11/15/1978	23:47	0	14.5		2367	7.3	6	FS	27

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980686	42	4	11/15/1978	23:58	0	15		2341	7.4	8	FS	27
1978	980687	42	4	11/16/1978	0:05	0	15		2341	7.3	9	FS	27
1978	980688	33	6	11/16/1978	17:40	4	11.5	10.2	5635	7.1	14	FS	27
1978	980689	32	5	11/16/1978	17:54	11	11	9.8	7026	7.1	15	FS	27
1978	980690	32	6	11/16/1978	18:05	4	11	10.2	6756	7.2	13	FS	27
1978	980691	32	6	11/16/1978	18:12	2	11	10.2	6756	7.2	16	FS	27
1978	980692	32	6	11/16/1978	18:22	2	10.9	10	6908	7.2	12	FS	27
1978	980693	31	6	11/16/1978	18:34	2	10.9	9.9	7043	7.2	10	FS	27
1978	980694	31	5	11/16/1978	18:42	11	10.9	10	6772	7.2	8	FS	27
1978	980695	32	5	11/16/1978	18:50	11	11	9.8	7026	7.2	22	FS	27
1978	980696	31	4	11/16/1978	19:02	5	10.9	10	5580	7.2	16	FS	27
1978	980697	30	4	11/16/1978	19:15	3	11	10	5756	7.2	14	FS	27
1978	980698	30	4	11/16/1978	19:25	4	10.9	11.4	5960	7.2	11	FS	27
1978	980699	30	4	11/16/1978	19:32	6	11	10.9	5932	7.2	10	FS	27
1978	980700	30	5	11/16/1978	19:39	11	10.5	10.7	5990	7.2	8	FS	27
1978	980701	31	6	11/16/1978	19:53	2	11	10.8	6081	7.2	7	FS	27
1978	980702	30	4	11/16/1978	20:45	4	10.9	9.7	7179	7.1	8	FS	27
1978	980703	29	4	11/16/1978	20:55	3	10.9	9.9	8804	7.1	12	FS	27
1978	980704	30	4	11/16/1978	21:00	5	10.6	9.9	8186	7.2	9	FS	27
1978	980705	29	4	11/16/1978	21:10	3	10.6	9.9	8186	7.3	12	FS	27
1978	980706	29	4	11/16/1978	21:16	5	10.8	10.1	8282	7.2	9	FS	27
1978	980707	29	4	11/16/1978	21:23	5	10.8	10.7	8418	7.3	13	FS	27
1978	980708	29	4	11/16/1978	21:30	5	10.4	10.1	8500	7.3	12	FS	27
1978	980709	29	4	11/16/1978	21:37	5	10.9	9.9	8940	7.2	12	FS	27
1978	980710	29	4	11/16/1978	21:42	4	10.8	10.1	9233	7.2	11	FS	27
1978	980711	29	5	11/16/1978	21:50	6	11	10.3	8783	7.2	12	FS	27
1978	980712	29	4	11/16/1978	21:57	4	10.9	9.9	9210	7.3	13	FS	27
1978	980713	29	4	11/16/1978	22:03	4	10.8	10.1	9233	7.3	12	FS	27
1978	980714	69	5	11/28/1978	17:55	18	10	10.4	263	6.8	7	FS	28
1978	980715	69	5	11/28/1978	18:06	14	10	9.8	263	6.7	9	FS	28
1978	980717	66	5	11/28/1978	18:35	20	10	9.8	263	6.8	9	FS	28
1978	980718	66	5	11/28/1978	18:40	0	10.5		274	7	7	FS	28
1978	980719	60	5	11/28/1978	19:20	11	9.5	9.8	1121	7.2	7	FS	28
1978	980720	58	5	11/28/1978	19:35	11	10.2	10	1205	7.3	6	FS	28
1978	980721	58	5	11/28/1978	19:42	11	10	9.8	1107	7	5	FS	28
1978	980722	57	5	11/28/1978	19:45	11	10	9.4	1281	7.3	7	FS	28
1978	980723	58	6	11/28/1978	19:57	6	10	9.6	1246	7.4	7	FS	28
1978	980724	57	6	11/28/1978	20:07	5	10	9.5	1869	7.4	7	FS	28
1978	980725	57	5	11/28/1978	20:20	12	10	9.7	2007	7.3	7	FS	28
1978	980726	57	6	11/28/1978	20:32	5	9.8	9.9	2504	7.3	7	FS	28
1978	980727	56	6	11/28/1978	20:40	5	9.8	9.7	2643	7.2	10	FS	28
1978	980728	51	5	11/28/1978	21:16	15	10.5	10	4445	7.3	7	FS	28
1978	980729	50	5	11/28/1978	21:30	21	10.5	9.2	4923	7.2	7	FS	28
1978	980730	47	5	11/28/1978	21:50	26	10	9.2	6022	7.6	5	FS	28
1978	980731	47	5	11/28/1978	22:10	34	10.4	9.8	6169	7.4	5	FS	28
1978	980732	46	5	11/28/1978	22:20	0	10.6		6276	7.3	5	FS	28
1978	980733	46	5	11/28/1978	22:30	0	11		6216	7.3	5	FS	28
1978	980733	46	5	11/28/1978	22:30	0	11		6216	7.3	5	FS	28
1978	980734	44	4	11/28/1978	22:50	0	9		7095	7.4	5	FS	28
1978	980735	41	6	11/28/1978	23:15	0	13		7735	7.3	5	FS	28
1978	980736	40	6	11/29/1978	0:05	0	9.5		9109	7.4	3	FS	28
1978	980737	40	5	11/29/1978	0:15	0	10.4		8911	7.3	3	FS	28
1978	980738	41	5	11/29/1978	0:28	0	10.4		9596	7.5	4	FS	28
1978	980739	41	5	11/29/1978	0:40	0	10		8998	7.3	3	FS	28
1978	980740	39	5	11/29/1978	17:10	11	6.8	10.6	9011	7.3	7	FS	28
1978	980741	39	4	11/29/1978	17:24	5	6.8	10.6	9311	7	13	FS	28
1978	980742	39	6	11/29/1978	17:40	5	6.8	11.1	10513	7	8	FS	28
1978	980743	39	5	11/29/1978	17:46	9	6.8	10.2	10513	7	8	FS	28
1978	980745	38	5	11/29/1978	18:00	9	6.8	10.4	10963	7.1	8	FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980746	38	5	11/29/1978	18:08	8	6.8	10.4	10213	7.1	6	FS	28
1978	980747	38	6	11/29/1978	18:16	5	6.8	10.6	8711	7	6	FS	28
1978	980748	38	6	11/29/1978	18:19	4	6.8	11	10513	7	6	FS	28
1978	980749	37	5	11/29/1978	18:35	9	7	10.2	9262	7.1	5	FS	28
1978	980750	37	5	11/29/1978	18:45	8	6.9	10.6	9736	7.2	5	FS	28
1978	980751	37	6	11/29/1978	18:58	5	7	10.1	10159	7.1	6	FS	28
1978	980752	37	6	11/29/1978	19:06	4	7.4	10.2	10644	7.1	6	FS	28
1978	980753	37	6	11/29/1978	19:17	4	7	9.8	11204	7.2	7	FS	28
1978	980754	37	6	11/29/1978	19:28	3	7	10	11652	7	6	FS	28
1978	980755	37	6	11/29/1978	19:37	3	7.2	10	11145	7.1	7	FS	28
1978	980756	36	6	11/29/1978	19:46	4	7.1	10	11622	7.2	8	FS	28
1978	980757	36	5	11/29/1978	19:58	8	7	10	10159	7.1	7	FS	28
1978	980758	36	4	11/29/1978	20:08	4	7.2	9.8	10699	7.1	7	FS	28
1978	980759	36	6	11/29/1978	20:21	3	7.2	9.6	11888	7.1	12	FS	28
1978	980760	36	6	11/29/1978	20:32	3	7	9.7	11951	7.1	10	FS	28
1978	980761	35	6	11/29/1978	20:41	0	8.8		11409	7.3	7	FS	28
1978	980762	35	6	11/29/1978	20:48	3	7.2	9.5	12186	7.1	11	FS	28
1978	980763	35	6	11/29/1978	20:55	3	7.1	9.5	12069	7.1	11	FS	28
1978	980764	34	6	11/29/1978	21:04	3	7.2	9.9	12037	7.2	8	FS	28
1978	980765	34	5	11/29/1978	21:14	12	7.1	9.4	12665	7.1	12	FS	28
1978	980766	34	5	11/29/1978	21:27	6	7	9.7	11951	7.3	4	FS	28
1978	980767	33	4	11/29/1978	21:35	5	7.1	9.4	12665	7.1	8	FS	28
1978	980768	33	5	11/29/1978	21:49	12	7	9.9	11951	7.3	4	FS	28
1978	980769	32	5	11/29/1978	21:58	10	7	9.4	12101	7.2	5	FS	28
1978	980770	36	6	11/29/1978	22:08	5	6.9	10.4	10785	7.1	6	FS	28
1978	980771	32	6	11/29/1978	22:16	3	7	9.4	12399	7.2	6	FS	28
1978	980772	32	6	11/29/1978	22:24	3	7	9.4	12399	7.1	6	FS	28
1978	980773	32	6	11/29/1978	22:32	3	6.9	9.5	12282	7.2	7	FS	28
1978	980774	31	6	11/29/1978	22:39	3	6.9	9.4	12133	7.2	6	FS	28
1978	980775	31	4	11/29/1978	22:52	4	6.8	9.5	13517	7.2	7	FS	28
1978	980776	31	4	11/29/1978	22:59	3	6.8	9.5	13517	7.2	8	FS	28
1978	980777	30	4	11/29/1978	23:07	4	6.7	10.1	13553	7.2	9	FS	28
1978	980778	30	4	11/29/1978	23:14	3	6.6	9.3	13287	7.2	7	FS	28
1978	980779	30	4	11/29/1978	23:22	3	6.7	9.3	13553	7.2	7	FS	28
1978	980780	30	6	11/29/1978	23:37	5	6.6	9.5	13589	7.2	7	FS	28
1978	980781	15	4	11/30/1978	17:17	5	7.5	8.2	19167	7.2	21	FS	28
1978	980782	16	4	11/30/1978	17:25	5	7.6	8	19118	6.9	15	FS	28
1978	980783	16	4	11/30/1978	17:33	5	7.5	8	18430	7.2	14	FS	28
1978	980784	16	4	11/30/1978	17:40	5	7.5	7.9	17988	7.1	16	FS	28
1978	980785	22	4	11/30/1978	18:15	3	7.6	9.5	15000	7.2	11	FS	28
1978	980786	23	4	11/30/1978	18:24	5	7.5	9.1	15039	7.2	11	FS	28
1978	980787	23	4	11/30/1978	18:33	5	7.6	8.9	14559	7.3	11	FS	28
1978	980788	24	5	11/30/1978	18:44	0	8		14846	7.2	6	FS	28
1978	980789	24	4	11/30/1978	18:54	6	7.6	8.4	14853	7.2	14	FS	28
1978	980790	24	4	11/30/1978	19:03	5	7.8	8.5	14483	7.2	14	FS	28
1978	980791	24	5	11/30/1978	19:10	8	7.8	8.7	14483	7.3	9	FS	28
1978	980792	25	4	11/30/1978	19:19	5	7.8	8.1	14483	7	15	FS	28
1978	980793	25	5	11/30/1978	19:30	12	7.9	8.3	14738	7.2	11	FS	28
1978	980794	26	5	11/30/1978	19:38	14	8	8.9	14700	7.3	12	FS	28
1978	980795	26	5	11/30/1978	19:48	8	7.9	8.3	14008	7.3		FS	28
1978	980796	26	4	11/30/1978	19:57	5	7.9	8.7	14446	7.3		FS	28
1978	980797	26	4	11/30/1978	20:05	5	8	9.3	14118	7.3		FS	28
1978	980798	26	4	11/30/1978	20:12	5	8	8.3	14263	7.3		FS	28
1978	980799	27	5	11/30/1978	20:20	9	8	9	14263	7.2		FS	28
1978	980800	27	4	11/30/1978	20:45	5	8	8.9	14118	7.2	12	FS	28
1978	980801	27	4	11/30/1978	20:52	5	7.8	10.1	14045	7.2	10	FS	28
1978	980802	27	4	11/30/1978	21:01	5	8.1	8.8	14227	7.3	9	FS	28
1978	980803	27	4	11/30/1978	21:08	4	8	9.1	14263	7.3	19	FS	28
1978	980804	27	4	11/30/1978	21:17	3	8	9.8	14555	7.4	19	FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980805	28	6	11/30/1978	21:35	4	8.1	9.3	13211	7.3	10	FS	28
1978	980806	29	6	11/30/1978	21:45	3	8	9.2	13245	7.4	10	FS	28
1978	980807	29	4	11/30/1978	22:05	5	8	9.1	14263	7.4	18	FS	28
1978	980808	29	4	11/30/1978	22:12	5	8	9.5	14409	7.4	13	FS	28
1978	980809	29	4	11/30/1978	22:21	5	8	9.3	13681	7.4	17	FS	28
1978	980810	29	4	11/30/1978	22:28	6	8	8.8	13390	7.2	11	FS	28
1978	980811	30	4	11/30/1978	22:35	5	8	8.9	13681	7.3	16	FS	28
1978	980812	30	4	11/30/1978	22:42	5	8	9.3	13390	7.4	12	FS	28
1978	980813	30	4	11/30/1978	22:52	4	8	8.9	13681	7.3	11	FS	28
1978	980814	30	4	11/30/1978	23:00	5	8	9.5	13390	7.3	12	FS	28
1978	980815	30	4	11/30/1978	23:07	5	8	9.5	14118	7.3	9	FS	28
1978	980816	70	5	12/12/1978	17:25	14	4	10.8	244	7	21	FS	29
1978	980817	65	5	12/12/1978	17:50	15	4.2	11.2	250	7.3	18	FS	29
1978	980818	62	5	12/12/1978	18:10	11	4.5	10.8	224	7.1	21	FS	29
1978	980819	62	5	12/12/1978	18:19	12	4.5	10.6	248	7.2	12	FS	29
1978	980820	61	5	12/12/1978	18:30	12	5	10.8	252	7.1	18	FS	29
1978	980821	60	5	12/12/1978	18:45	10	5.2	10.4	259	7.3	14	FS	29
1978	980822	58	6	12/12/1978	18:58	5	5	10.8	316	7.2	13	FS	29
1978	980823	58	5	12/12/1978	19:08	12	5.4	10.2	289	7.1	15	FS	29
1978	980824	57	4	12/12/1978	19:22	5	5	10.8	300	7.1	13	FS	29
1978	980825	56	5	12/12/1978	19:29	9	5.2	11	267	7	11	FS	29
1978	980826	55	5	12/12/1978	19:42	11	5.6	10.2	326	7.2	13	FS	29
1978	980827	55	6	12/12/1978	19:51	3	5.8	10	386	7.1	21	FS	29
1978	980828	55	6	12/12/1978	19:58	5	5.8	10.2	409	7.2	19	FS	29
1978	980829	51	5	12/12/1978	20:32	5	6	10	645	7.1	28	FS	29
1978	980830	51	5	12/12/1978	20:45	20	6.2	9.8	687	7.1	16	FS	29
1978	980831	50	5	12/12/1978	20:57	21	6.2	10.2	839	7.3	13	FS	29
1978	980832	49	5	12/12/1978	21:13	30	6.8	9.8	1066	7.4	29	FS	29
1978	980833	45	5	12/12/1978	21:41	40	6.8	9.9	1952	7.2	13	FS	29
1978	980834	44	4	12/12/1978	21:55	5	7	9.9	1942	7.2	15	FS	29
1978	980835	42	4	12/12/1978	22:12	5	7	9.7	2838	7.3	15	FS	29
1978	980836	42	5	12/12/1978	22:24	8	7.2	9.7	3121	7.2	12	FS	29
1978	980837	42	5	12/12/1978	22:31	10	7.5	9.9	3096	7.1	14	FS	29
1978	980838	41	5	12/12/1978	22:44	17	7.2	9.5	2972	7.2	9	FS	29
1978	980839	41	5	12/12/1978	22:56	9	7.2	9.4	3566	7.5	9	FS	29
1978	980840	39	4	12/12/1978	23:10	4	7.6	9.7	3456	7.4	11	FS	29
1978	980841	39	5	12/12/1978	23:23	12	7.2	9.7	3715	7.4	10	FS	29
1978	980842	39	6	12/12/1978	23:34	3	6.8	10	4806	7.5	9	FS	29
1978	980843	39	6	12/12/1978	23:40	3	7	10.2	4183	7.5	11	FS	29
1978	980844	39	6	12/12/1978	23:49	3	7	9.8	4183	7.6	9	FS	29
1978	980845	38	6	12/12/1978	23:57	3	7	9.3	4108	7.5	9	FS	29
1978	980846	38	6	12/13/1978	0:05	3	7	10.4	4034	7.4	11	FS	29
1978	980847	38	5	12/13/1978	0:16	11	7	10.1	3884	7.5	11	FS	29
1978	980848	14	4	12/13/1978	16:55	5	7	9.2	17180	7.2	20	FS	29
1978	980849	15	4	12/13/1978	17:05	5	6.5	9.3	14761	7.3	20	FS	29
1978	980850	16	4	12/13/1978	17:15	5	6.5	9.1	12868	7.3	19	FS	29
1978	980851	18	4	12/13/1978	17:29	6	6	9.2	12277	7.1	20	FS	29
1978	980852	19	4	12/13/1978	17:37	5	6	9.8	10742	7.3	15	FS	29
1978	980853	20	4	12/13/1978	17:45	5	5.9	10.1	11541	7.2	14	FS	29
1978	980854	22	4	12/13/1978	18:01	2	5.5	9.6	10113	7.3	23	FS	29
1978	980855	24	4	12/13/1978	18:09	5	5.8	9.2	10647	7.3	18	FS	29
1978	980856	24	5	12/13/1978	18:20	13	6.2	8.9	9157	7.3	15	FS	29
1978	980857	25	6	12/13/1978	18:32	5	6	9.3	8440	7.3	11	FS	29
1978	980858	25	4	12/13/1978	18:45	5	5.8	9.7	9258	7.2	15	FS	29
1978	980859	25	4	12/13/1978	18:51	4	5.8	8.7	9258	7.3	15	FS	29
1978	980860	26	4	12/13/1978	18:58	4	5.8	9.3	9258	7.3	13	FS	29
1978	980861	26	4	12/13/1978	19:04	3	6	9.9	9207	7.3	19	FS	29
1978	980862	26	4	12/13/1978	19:10	3	6	9.5	9207	7.2	17	FS	29
1978	980863	26	4	12/13/1978	19:16	3	6	9.9	9207	7.3	16	FS	29

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1978	980864	26	4	12/13/1978	19:23	4	6	10.3	8440	7.3	19	FS	29
1978	980865	27	4	12/13/1978	19:29	3	6	9.7	7673	7.2	13	FS	29
1978	980866	26	4	12/13/1978	19:36	5	6	10.1	8440	7.3	14	FS	29
1978	980867	26	4	12/13/1978	19:43	5	6	9.9	8440	7.3	16	FS	29
1978	980868	27	5	12/13/1978	19:53	13	6	9.5	8057	7.3	12	FS	29
1978	980869	28	5	12/13/1978	20:03	12	6	9.5	7519	7.3	11	FS	29
1978	980870	29	5	12/13/1978	20:10	10	6.2	9.9	7021	7.2	12	FS	29
1978	980871	28	4	12/13/1978	20:20	5	6	9.7	7213	7.2	11	FS	29
1978	980872	28	4	12/13/1978	20:27	4	6.2	9.9	7631	7.3	13	FS	29
1978	980873	29	4	12/13/1978	20:34	4	6	10.1	7519	7.2	11	FS	29
1978	980874	29	4	12/13/1978	20:43	3	5.8	9.9	8487	7.2	18	FS	29
1978	980875	29	4	12/13/1978	20:50	4	6	9.5	8440	7.3	17	FS	29
1978	980876	29	4	12/13/1978	20:59	4	6	9.7	8440	7.3	18	FS	29
1978	980877	29	4	12/13/1978	21:05	4	6	9.9	8440	7.2	18	FS	29
1978	980878	30	4	12/13/1978	21:13	4	5.8	9.9	8101	7.2	15	FS	29
1978	980879	30	4	12/13/1978	21:20	4	5.8	9.2	8101	7.3	16	FS	29
1978	980880	30	4	12/13/1978	21:28	0	5.8		7715	7.2	15	FS	29
1978	980881	31	4	12/13/1978	21:35	5	6	9.7	7673	7.2	17	FS	29
1978	980882	31	4	12/13/1978	21:43	5	5.8	9.5	7715	7.2	15	FS	29
1978	980883	31	4	12/13/1978	21:50	4	6	9.3	8440	7.3	17	FS	29
1978	980884	32	4	12/13/1978	21:56	5	5.8	9.9	8487	7.2	16	FS	29
1978	980885	32	5	12/13/1978	22:04	7	6	10.1	7673	7.2	16	FS	29
1978	980886	32	5	12/13/1978	22:11	6	6	9.5	7673	7.3	13	FS	29
1978	980887	31	5	12/13/1978	22:19	9	6	9.3	7673	7.3	19	FS	29
1978	980888	31	6	12/13/1978	22:30	0	6		6445	7.3	12	FS	29
1978	980889	32	6	12/13/1978	22:38	3	6	9.6	6445	7.1	11	FS	29
1978	980890	32	6	12/13/1978	22:45	4	6	9.2	6292	7.2	10	FS	29
1978	980891	37	5	12/14/1978	16:15	7	7.8	8.7	3475	7.3	18	FS	29
1978	980892	37	5	12/14/1978	16:24	0	7.5		3391	7.2	18	FS	29
1978	980893	37	5	12/14/1978	16:31	10	7.5	8.1	3391	7.2	15	FS	29
1978	980894	37	5	12/14/1978	16:42	0	7		3436	7.2	12	FS	29
1978	980895	36	4	12/14/1978	16:51	0	8.2		4127	7.1	28	FS	29
1978	980896	36	5	12/14/1978	16:59	0	7		3884	7.3	21	FS	29
1978	980897	35	4	12/14/1978	17:06	0	7.5		4128	7.2	24	FS	29
1978	980898	35	4	12/14/1978	17:13	0	8		4075	7.3	27	FS	29
1978	980899	35	5	12/14/1978	17:24	0	7		4183	7.2	14	FS	29
1978	980900	35	5	12/14/1978	17:31	0	7		4183	7.2	15	FS	29
1978	980901	33	4	12/14/1978	17:45	0	7		4780	7.2	21	FS	29
1978	980902	33	5	12/14/1978	17:50	0	6		4450	7.3	23	FS	29
1978	980903	32	6	12/14/1978	18:02	0	6		4604	7.3	20	FS	29
1978	980904	32	6	12/14/1978	18:10	0	6		4757	7.2	21	FS	29
1978	980905	33	6	12/14/1978	18:16	0	6		4604	7.3	23	FS	29
1978	980906	33	6	12/14/1978	18:23	0	5.8		4629	7.3	21	FS	29
1978	980907	34	6	12/14/1978	18:34	0	5.8		4320	7.3	20	FS	29
1978	980908	35	6	12/14/1978	18:40	0	6		4297	7.2	23	FS	29
1978	980909	35	6	12/14/1978	18:47	0	5.2		4393	7.2	24	FS	29
1978	980910	35	6	12/14/1978	18:56	0	5.8		4320	7.3	21	FS	29
1978	980911	36	6	12/14/1978	19:03	0	6		4588	7.4	20	FS	29
1978	980912	36	6	12/14/1978	19:10	0	5.8		4243	7.3	16	FS	29
1978	980913	36	6	12/14/1978	19:16	0	6		3836	7.3	15	FS	29
1978	980914	37	6	12/14/1978	19:25	0	6		3683	7.3	14	FS	29
1978	980915	38	6	12/14/1978	19:32	0	6		3683	7.3	12	FS	29
1979	980001	42	4	7/9/1979	21:50	0	22.5		4300			FS	18
1979	980002	42	5	7/9/1979	22:02	0	22.5		5200			FS	18
1979	980003	42	5	7/9/1979	22:23	0	22.5		4800			FS	18
1979	980004	42	4	7/9/1979	22:36	0	22.5		5400			FS	18
1979	980005	41	4	7/9/1979	22:47	0	22		5900			FS	18
1979	980007	40	5	7/9/1979	23:09	0	22		6200			FS	18
1979	980008	40	5	7/9/1979	23:19	0	22		6250			FS	18

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980009	40	4	7/9/1979	23:33	0	22		5800			FS	18
1979	980010	40	5	7/9/1979	23:41	0	22		5850			FS	18
1979	980011	39	4	7/9/1979	23:52	0	21.5		6400			FS	18
1979	980012	39	5	7/10/1979	0:01	0	21.5		6550			FS	18
1979	980013	39	5	7/10/1979	0:11	0	21.5		6800			FS	18
1979	980014	39	6	7/10/1979	0:22	0	21.5		7200			FS	18
1979	980015	39	5	7/10/1979	1:28	0	21		7750			FS	18
1979	980016	38	5	7/10/1979	1:39	0	21		7500			FS	18
1979	980017	38	5	7/10/1979	1:48	0	21		7600			FS	18
1979	980018	38	6	7/10/1979	1:58	0	21		7500			FS	18
1979	980019	37	6	7/10/1979	2:05	0	21		7700			FS	18
1979	980020	38	6	7/10/1979	2:15	0	21		7800			FS	18
1979	980021	37	6	7/10/1979	2:24	0	21		7550			FS	18
1979	980022	37	5	7/10/1979	2:37	0	21		8150			FS	18
1979	980023	37	5	7/10/1979	2:48	0	21		8500			FS	18
1979	980024	37	6	7/10/1979	2:59	0	21		7800			FS	18
1979	980025	37	6	7/10/1979	3:06	0	21		7400			FS	18
1979	980026	37	6	7/10/1979	3:16	0	21		7450			FS	18
1979	980027	37	6	7/10/1979	3:29	0	21		7450			FS	18
1979	980028	36	5	7/10/1979	3:45	0	20		8000			FS	18
1979	980029	36	5	7/10/1979	3:55	0	20		7200			FS	18
1979	980030	36	6	7/10/1979	4:09	0	21.5		7750			FS	18
1979	980031	36	6	7/10/1979	4:21	0	20.5		8700			FS	18
1979	980032	36	6	7/10/1979	4:30	0	21.5		8650			FS	18
1979	980033	14	5	7/10/1979	21:10	0	21		24000			FS	18
1979	980034	15	5	7/10/1979	21:21	0	21		24000			FS	18
1979	980035	16	5	7/10/1979	21:31	0	21		23500			FS	18
1979	980037	16	4	7/10/1979	21:52	0	20.5		21000			FS	18
1979	980038	17	5	7/10/1979	22:06	0	20.5		23000			FS	18
1979	980039	17	5	7/10/1979	22:14	0	20.5		23000			FS	18
1979	980040	18	5	7/10/1979	22:24	0	20.5		23500			FS	18
1979	980041	19	4	7/10/1979	22:41	0	21		18500			FS	18
1979	980042	19	4	7/10/1979	22:50	0	21		18500			FS	18
1979	980043	20	4	7/10/1979	22:59	0	21		19000			FS	18
1979	980044	20	4	7/10/1979	23:10	0	21		19500			FS	18
1979	980045	22	6	7/10/1979	23:33	0	21		18000			FS	18
1979	980046	23	4	7/10/1979	23:48	0	21		17000			FS	18
1979	980047	24	5	7/11/1979	0:04	0	21		19000			FS	18
1979	980048	25	5	7/11/1979	0:54	0	21		16000			FS	18
1979	980049	25	4	7/11/1979	1:04	0	21		14500			FS	18
1979	980050	26	4	7/11/1979	1:13	0	21		15000			FS	18
1979	980051	27	4	7/11/1979	1:23	0	21		15500			FS	18
1979	980052	27	4	7/11/1979	1:33	0	21		16000			FS	18
1979	980054	27	4	7/11/1979	1:54	0	21		16000			FS	18
1979	980055	28	4	7/11/1979	2:08	0	21		17000			FS	18
1979	980056	28	5	7/11/1979	2:20	0	21		16000			FS	18
1979	980057	29	5	7/11/1979	2:38	0	21		14500			FS	18
1979	980058	28	4	7/11/1979	21:17	0	23		13000			FS	18
1979	980059	28	4	7/11/1979	21:27	0	23		12500			FS	18
1979	980060	28	6	7/11/1979	21:47	0	22.5		11500			FS	18
1979	980061	28	4	7/11/1979	22:02	0	23		8600			FS	18
1979	980062	28	4	7/11/1979	22:13	0	23		9400			FS	18
1979	980063	28	4	7/11/1979	22:25	0	23		9700			FS	18
1979	980064	29	4	7/11/1979	22:39	0	22.5		11500			FS	18
1979	980065	29	4	7/11/1979	22:48	0	23		11500			FS	18
1979	980066	29	4	7/11/1979	22:58	0	22		12000			FS	18
1979	980067	29	4	7/11/1979	23:08	0	22		11500			FS	18
1979	980068	29	6	7/11/1979	23:25	0	22		12000			FS	18
1979	980069	30	4	7/11/1979	23:38	0	22		11500			FS	18

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980070	30	4	7/11/1979	23:49	0	22		11500			FS	18
1979	980072	30	6	7/12/1979	1:07	0	22		12000			FS	18
1979	980073	30	5	7/12/1979	1:16	0	22		12000			FS	18
1979	980074	30	5	7/12/1979	1:25	0	22		14000			FS	18
1979	980075	30	4	7/12/1979	1:39	0	22		13000			FS	18
1979	980076	30	4	7/12/1979	1:49	0	22		12000			FS	18
1979	980077	31	4	7/12/1979	1:58	0	22		12000			FS	18
1979	980078	31	5	7/12/1979	2:10	0	22		12000			FS	18
1979	980079	30	5	7/12/1979	2:21	0	22		12000			FS	18
1979	980080	31	5	7/12/1979	2:33	0	22		12000			FS	18
1979	980081	31	5	7/12/1979	2:43	0	22		12000			FS	18
1979	980082	31	5	7/12/1979	2:56	0	22		12000			FS	18
1979	980083	31	4	7/12/1979	3:08	0	22		12000			FS	18
1979	980084	31	4	7/12/1979	3:18	0	22		12000			FS	18
1979	980085	31	5	7/12/1979	3:47	0	22		11500			FS	18
1979	980086	33	5	7/12/1979	3:57	0	22		9600			FS	18
1979	980087	33	5	7/12/1979	4:08	0	22		9250			FS	18
1979	980088	32	6	7/12/1979	4:20	0	22.5		9000			FS	18
1979	980089	32	6	7/12/1979	4:30	0	22		8950			FS	18
1979	980090	32	5	7/12/1979	21:00	0	25		6650			FS	18
1979	980091	32	5	7/12/1979	21:12	0	24		7050			FS	18
1979	980092	33	6	7/12/1979	21:25	0	24		8100			FS	18
1979	980093	33	6	7/12/1979	21:40	0	24		8100			FS	18
1979	980094	33	6	7/12/1979	21:50	0	25		8200			FS	18
1979	980095	34	6	7/12/1979	22:00	0	25		8050			FS	18
1979	980096	34	5	7/12/1979	22:14	0	24		7650			FS	18
1979	980097	34	5	7/12/1979	22:26	0	24		7000			FS	18
1979	980098	34	5	7/12/1979	22:36	0	24		6900			FS	18
1979	980099	34	6	7/12/1979	22:50	0	25		8500			FS	18
1979	980100	35	6	7/12/1979	23:01	0	25		7700			FS	18
1979	980101	35	6	7/12/1979	23:11	0	25		7950			FS	18
1979	980102	36	6	7/12/1979	23:29	0	25		7800			FS	18
1979	980103	35	5	7/12/1979	23:44	0	25		6250			FS	18
1979	980104	34	5	7/23/1979	20:53	12	25.5		6550			FS	20
1979	980105	34	6	7/23/1979	21:02	5	27		8000			FS	20
1979	980106	34	6	7/23/1979	21:10	4	26		8300			FS	20
1979	980107	34	5	7/23/1979	21:25	5	26		7600			FS	20
1979	980108	35	5	7/23/1979	21:34	4	26		6700			FS	20
1979	980109	36	5	7/23/1979	21:46	4	26		6500			FS	20
1979	980110	35	6	7/23/1979	21:59	4	26		7300			FS	20
1979	980111	36	6	7/23/1979	22:06	4	26		7000			FS	20
1979	980112	36	6	7/23/1979	22:15	5	26.5		7000			FS	20
1979	980113	36	6	7/23/1979	22:25	4	26		7350			FS	20
1979	980114	36	6	7/23/1979	22:34	4	26		7600			FS	20
1979	980115	37	6	7/23/1979	22:45	4	27		6800			FS	20
1979	980116	37	6	7/23/1979	23:05	4	26		6800			FS	20
1979	980117	37	6	7/23/1979	23:16	4	26		6800			FS	20
1979	980118	37	6	7/23/1979	23:25	4	26		6800			FS	20
1979	980119	36	5	7/23/1979	23:40	4	26		6400			FS	20
1979	980120	37	5	7/23/1979	23:46	9	26		6450			FS	20
1979	980121	37	5	7/23/1979	23:55	10	26		6200			FS	20
1979	980122	38	5	7/24/1979	0:19	11	26		7150			FS	20
1979	980123	38	5	7/24/1979	0:30	12	26		7000			FS	20
1979	980124	38	5	7/24/1979	0:37	10	26.5		6250			FS	20
1979	980125	38	5	7/24/1979	0:48	10	26		6000			FS	20
1979	980126	38	6	7/24/1979	0:56	5	26		6800			FS	20
1979	980127	38	6	7/24/1979	1:06	4	26		6800			FS	20
1979	980128	38	6	7/24/1979	1:13	3	26.5		6750			FS	20
1979	980129	38	6	7/24/1979	1:21	4	26		6800			FS	20

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980130	38	5	7/24/1979	1:32	10	26		6350			FS	20
1979	980131	39	6	7/24/1979	1:41	5	26.5		6600			FS	20
1979	980132	39	4	7/24/1979	1:57	4	26		5300			FS	20
1979	980133	39	4	7/24/1979	2:04	5	26.5		6100			FS	20
1979	980134	41	5	7/24/1979	2:14	18	26		6700			FS	20
1979	980135	40	4	7/24/1979	2:28	5	26		6200			FS	20
1979	980136	41	5	7/24/1979	2:35	18	26		6200			FS	20
1979	980137	41	5	7/24/1979	2:47	16	26		6600			FS	20
1979	980138	41	4	7/24/1979	4:12	5	26		4950			FS	20
1979	980139	41	5	7/24/1979	4:20	13	27		4650			FS	20
1979	980140	14	4	7/24/1979	22:30	0	26		18000			FS	20
1979	980141	14	4	7/24/1979	22:37	6	25.2	5.8	20000			FS	20
1979	980142	14	4	7/24/1979	22:50	7	25	5.6	20500			FS	20
1979	980143	15	4	7/24/1979	21:00	6	25	5.5	20500			FS	20
1979	980144	15	5	7/24/1979	21:13	0	26.1		18500			FS	20
1979	980145	16	4	7/24/1979	21:28	6	24	6	20000			FS	20
1979	980146	16	4	7/24/1979	21:37	6	24.1	4.2	20000			FS	20
1979	980148	17	4	7/24/1979	22:00	6	25.1		19500			FS	20
1979	980149	18	5	7/24/1979	22:15	0	25.8		18500			FS	20
1979	980150	19	4	7/24/1979	22:29	0	25.8		18500			FS	20
1979	980151	20	5	7/24/1979	22:40	0	25.9		18000			FS	20
1979	980152	25	4	7/24/1979	23:10	6	24.1	5.9	16000			FS	20
1979	980153	25	4	7/24/1979	23:18	5	24.1	6.2	16000			FS	20
1979	980154	26	4	7/24/1979	23:26	4	24	6.1	15000			FS	20
1979	980155	26	5	7/24/1979	23:37	10	23.8	4.6	17000			FS	20
1979	980156	26	5	7/24/1979	23:47	0	25.9		15500			FS	20
1979	980157	26	4	7/24/1979	23:58	3	24	5.8	15000			FS	20
1979	980158	27	4	7/25/1979	0:10	5	24	5.1	15500			FS	20
1979	980159	27	4	7/25/1979	0:22	3	23.9	5.2	14000			FS	20
1979	980160	27	4	7/25/1979	0:29	4	23.9	5.2	14500			FS	20
1979	980161	27	4	7/25/1979	0:40	3	23.9	6	14000			FS	20
1979	980162	27	4	7/25/1979	0:49	3	24	5.9	14000			FS	20
1979	980163	27	4	7/25/1979	0:58	3	24.2	6.2	13500			FS	20
1979	980164	28	5	7/25/1979	1:14	12	23.9	5.5	16000			FS	20
1979	980165	33	5	7/25/1979	21:05	14	26	6	8650			FS	20
1979	980166	33	5	7/25/1979	21:15	0	27		7100			FS	20
1979	980167	33	5	7/25/1979	21:45	0	26		7100			FS	20
1979	980168	33	5	7/25/1979	21:54	0	26.5		740			FS	20
1979	980169	33	5	7/25/1979	22:00	13	26	7.2	890			FS	20
1979	980170	31	6	7/25/1979	22:25	4	26.5		780			FS	20
1979	980171	31	6	7/25/1979	22:34	0	26.5		810			FS	20
1979	980172	31	6	7/25/1979	22:41	0	26.5		830			FS	20
1979	980173	31	6	7/25/1979	22:54	0	26.5		950			FS	20
1979	980174	31	5	7/25/1979	22:59	0	26.5		850			FS	20
1979	980175	31	5	7/25/1979	23:09	0	26		975			FS	20
1979	980177	30	5	7/25/1979	23:27	0	26		10500			FS	20
1979	980178	30	6	7/25/1979	23:34	0	26		12000			FS	20
1979	980179	29	6	7/25/1979	23:41	0	26		12000			FS	20
1979	980180	29	5	7/25/1979	23:54	0	26		13500			FS	20
1979	980181	29	5	7/26/1979	0:01	0	26.5		13500			FS	20
1979	980182	29	6	7/26/1979	0:09	0	26		12500			FS	20
1979	980183	29	5	7/26/1979	0:21	0	26		13500			FS	20
1979	980184	28	5	7/26/1979	0:26	0	26		13500			FS	20
1979	980185	28	5	7/26/1979	0:34	0	26		14000			FS	20
1979	980186	28	6	7/26/1979	0:40	0	26		12000			FS	20
1979	980187	28	4	7/26/1979	0:58	0	26		13500			FS	20
1979	980188	28	4	7/26/1979	1:04	0	26		13500			FS	20
1979	980189	29	4	7/26/1979	1:07	0	26		13500			FS	20
1979	980190	29	4	7/26/1979	1:17	0	26		12500			FS	20

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980191	29	4	7/26/1979	1:20	0	26.5		12500			FS	20
1979	980192	30	4	7/26/1979	1:36	0	27		12000			FS	20
1979	980193	30	4	7/26/1979	1:42	0	27		12000			FS	20
1979	980194	30	4	7/26/1979	1:54	0	27		12000			FS	20
1979	980195	30	4	7/26/1979	1:59	0	27		12000			FS	20
1979	980196	30	4	7/26/1979	2:05	0	27		12000			FS	20
1979	980197	30	4	7/26/1979	2:13	0	26.5		11500			FS	20
1979	980198	42	4	7/26/1979	20:30	0	26.5		5050			FS	20
1979	980199	42	5	7/26/1979	20:42	0	26		3800			FS	20
1979	980200	44	5	7/26/1979	21:00	13	26	6.2	3100			FS	20
1979	980201	45	5	7/26/1979	21:19	24	26.5	7	2750			FS	20
1979	980202	47	5	7/26/1979	21:44	0	26		1450			FS	20
1979	980203	50	5	7/26/1979	22:13	0	26		840			FS	20
1979	980204	51	5	7/26/1979	22:22	0	26		860			FS	20
1979	980205	42	5	7/27/1979	2:57	0	26		5200			FS	20
1979	980206	42	5	8/6/1979	21:25	4	27	5.8	5850			FS	22
1979	980208	42	5	8/6/1979	21:45	18	27	6.1	6300			FS	22
1979	980209	42	5	8/6/1979	21:54	18	27.5	5.6	7900			FS	22
1979	980210	42	5	8/6/1979	22:10	12	27	6.1	6700			FS	22
1979	980212	41	5	8/6/1979	22:32	17	27	6.3	7450			FS	22
1979	980213	41	6	8/6/1979	22:45	6	27	6.8	7450			FS	22
1979	980214	40	4	8/6/1979	23:00	0	28		6800			FS	22
1979	980215	40	4	8/6/1979	23:10	5	27	6.7	7200			FS	22
1979	980216	40	4	8/6/1979	23:22	0	27		6900			FS	22
1979	980217	40	5	8/6/1979	23:34	0	27		7200			FS	22
1979	980218	39	5	8/7/1979	0:10	11	27	6.5	9500			FS	22
1979	980219	39	6	8/7/1979	0:35	5	26.5	7.6	7800			FS	22
1979	980220	39	6	8/7/1979	0:50	5	26.5	7.9	7700			FS	22
1979	980221	38	5	8/7/1979	1:03	4	26	6.6	7150			FS	22
1979	980222	38	5	8/7/1979	1:15	4	27	6.6	7250			FS	22
1979	980223	38	4	8/7/1979	1:25	5	27	6.6	8700			FS	22
1979	980224	38	5	8/7/1979	1:37	8	26.5	7	9200			FS	22
1979	980225	38	5	8/7/1979	1:50	11	26	6.8	8100			FS	22
1979	980227	38	5	8/7/1979	2:15	9	26	6.4	11500			FS	22
1979	980228	38	6	8/7/1979	2:28	4	26	6.8	8200			FS	22
1979	980229	38	6	8/7/1979	2:40	0	26		8100			FS	22
1979	980230	38	6	8/7/1979	2:52	4	27	7	8450			FS	22
1979	980231	38	6	8/7/1979	3:08	5	26.5	6.8	8400			FS	22
1979	980232	37	5	8/7/1979	3:20	8	26.5	6.3	12000			FS	22
1979	980233	37	5	8/7/1979	3:34	9	26	6.5	11000			FS	22
1979	980234	37	6	8/7/1979	3:48	4	26	6.8	8500			FS	22
1979	980235	37	6	8/7/1979	4:04	3	26.5	6.7	8700			FS	22
1979	980236	37	6	8/7/1979	4:15	3	26	6.6	9150			FS	22
1979	980237	37	6	8/7/1979	4:30	3	26	7	8350			FS	22
1979	980238	36	4	8/7/1979	4:50	5	26	6.8	7800			FS	22
1979	980239	36	5	8/7/1979	5:15	9	26.5	6.4	7950			FS	22
1979	980240	14	4	8/7/1979	21:57	0	24.5		25500			FS	22
1979	980241	14	4	8/7/1979	22:13	6	24.3	3.6	26500			FS	22
1979	980242	15	4	8/7/1979	22:24	6	24.2	3.4	28000			FS	22
1979	980243	16	4	8/7/1979	22:42	6	24.2	3.3	26500			FS	22
1979	980244	18	5	8/7/1979	22:58	4	24	3.1	27000			FS	22
1979	980245	18	5	8/7/1979	23:11	4	24.2	3.7	25500			FS	22
1979	980246	18	4	8/7/1979	23:27	6	24.5	3.1	25500			FS	22
1979	980247	19	5	8/7/1979	23:44	4	24.1	3.4	24000			FS	22
1979	980248	22	5	8/8/1979	0:05	4	24.2	4.5	20500			FS	22
1979	980249	22	5	8/8/1979	0:18	5	24.2	4.1	21500			FS	22
1979	980250	22	4	8/8/1979	0:30	5	24.8	4.5	20500			FS	22
1979	980251	23	4	8/8/1979	0:46	5	24.9	5.5	18000			FS	22
1979	980252	24	4	8/8/1979	1:01	5	24.9	5.6	18000			FS	22

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980253	24	5	8/8/1979	1:16	4	25	5.5	17000			FS	22
1979	980254	24	5	8/8/1979	1:27	4	25	6	16500			FS	22
1979	980255	24	5	8/8/1979	1:37	17	25	5.7	16500			FS	22
1979	980256	24	4	8/8/1979	1:54	4	25	4.3	19000			FS	22
1979	980257	26	5	8/8/1979	2:10	8	25	5.1	19000			FS	22
1979	980258	26	5	8/8/1979	2:23	0	24.6		18000			FS	22
1979	980259	26	4	8/8/1979	2:36	0	25		17000			FS	22
1979	980260	28	4	8/8/1979	3:03	0	24.9		14500			FS	22
1979	980261	29	4	8/8/1979	3:14	0	25.2		14500			FS	22
1979	980262	29	4	8/8/1979	3:25	0	25.5		14000			FS	22
1979	980263	29	4	8/8/1979	3:36	0	25.1		14500			FS	22
1979	980265	27	5	8/8/1979	4:13	0	24.3		16000			FS	22
1979	980266	26	4	8/8/1979	4:23	0	25.4		16000			FS	22
1979	980267	27	4	8/8/1979	4:32	0	25.5		16000			FS	22
1979	980268	26	5	8/8/1979	4:45	0	25		13500			FS	22
1979	980269	26	6	8/8/1979	21:00	5	27	5.7	14000			FS	22
1979	980270	27	5	8/8/1979	21:10	4	26.5	6.1	14000			FS	22
1979	980271	27	4	8/8/1979	21:30	4	26.5	6.1	14000			FS	22
1979	980272	27	4	8/8/1979	21:42	4	27		14000			FS	22
1979	980273	28	4	8/8/1979	21:58	5	26.5	5.9	14000			FS	22
1979	980274	28	4	8/8/1979	22:11	4	26.5	5.9	14000			FS	22
1979	980275	29	4	8/8/1979	22:30	4	26.5	7.1	14000			FS	22
1979	980276	29	4	8/8/1979	22:50	4	26	6.1	14500			FS	22
1979	980277	29	4	8/8/1979	23:04	5	26.5		14000			FS	22
1979	980278	29	4	8/8/1979	23:20	5	26.5	5.8	14000			FS	22
1979	980279	29	4	8/8/1979	23:35	4	26.5	6.1	14000			FS	22
1979	980280	29	4	8/8/1979	23:48	6	26.5	5.9	14500			FS	22
1979	980281	29	6	8/9/1979	0:04	3	26.5	5.9	15000			FS	22
1979	980282	29	6	8/9/1979	0:15	3	26.5	5.9	14000			FS	22
1979	980283	29	5	8/9/1979	0:30	12	26	5.5	16000			FS	22
1979	980284	29	5	8/9/1979	0:42	8	26.5	5.2	16000			FS	22
1979	980285	30	4	8/9/1979	1:00	4	26.5	6.3	14000			FS	22
1979	980286	30	4	8/9/1979	1:12	4	26	5.5	14000			FS	22
1979	980287	30	4	8/9/1979	1:24	4	26.5	6.2	14000			FS	22
1979	980288	30	4	8/9/1979	1:39	4	26.5	6.2	14000			FS	22
1979	980289	30	5	8/9/1979	1:54	4	26.5		14500			FS	22
1979	980290	31	4	8/9/1979	2:07	5	26	6.2	14000			FS	22
1979	980291	31	5	8/9/1979	2:20	4	26	5.9	14000			FS	22
1979	980292	31	6	8/9/1979	2:35	3	26.5	7.3	11000			FS	22
1979	980293	31	6	8/9/1979	2:47	0	26	6.6	11500			FS	22
1979	980294	32	5	8/9/1979	3:02	9	26	5.9	13500			FS	22
1979	980295	32	6	8/9/1979	3:15	3	26	6.5	11500			FS	22
1979	980296	33	5	8/9/1979	3:30	0	26	6.6	11500			FS	22
1979	980297	33	5	8/9/1979	3:43	4	25.5	6.5	11500			FS	22
1979	980298	33	5	8/9/1979	3:55	0	26	6	12000			FS	22
1979	980299	35	4	8/9/1979	4:14	4	26.5	6.3	11000			FS	22
1979	980300	34	5	8/9/1979	21:24	11	26	6.4	9450			FS	22
1979	980301	34	6	8/9/1979	21:37	4	26	6.6	9000			FS	22
1979	980302	35	5	8/9/1979	21:57	12	27	6.6	8100			FS	22
1979	980303	35	5	8/9/1979	22:10	4	26.9	6.6	7250			FS	22
1979	980304	35	6	8/9/1979	22:28	4	26.4	7.2	9350			FS	22
1979	980305	35	6	8/9/1979	22:51	4	26.8	6.8	9200			FS	22
1979	980306	36	6	8/9/1979	23:07	4	26.5	6.8	8500			FS	22
1979	980307	35	6	8/9/1979	23:18	4	26.6	6.8	7950			FS	22
1979	980308	39	5	8/20/1979	20:18	0	23		5550			FS	24
1979	980309	38	5	8/20/1979	20:28	9	23	7.1	5650			FS	24
1979	980310	38	5	8/20/1979	20:38	11	22.5	6.9	6600			FS	24
1979	980311	38	5	8/20/1979	20:47	12	22.5	7	6600			FS	24
1979	980312	38	5	8/20/1979	20:59	0	22.5		7200			FS	24

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980313	38	6	8/20/1979	21:08	11	22.5	7.2	7550			FS	24
1979	980314	37	5	8/20/1979	21:20	3	22.5	6.9	6400			FS	24
1979	980315	37	5	8/20/1979	21:29	9	22	6.3	12000			FS	24
1979	980316	37	6	8/20/1979	21:43	3	22.5	7.6	7700			FS	24
1979	980317	37	6	8/20/1979	21:50	3	22.5	7.7	7900			FS	24
1979	980318	37	6	8/20/1979	21:58	0	23		7950			FS	24
1979	980319	36	6	8/20/1979	22:05	0	22.5		7450			FS	24
1979	980320	36	6	8/20/1979	22:13	0	23		7000			FS	24
1979	980321	36	6	8/20/1979	22:22	4	23	6.9	7950			FS	24
1979	980322	36	6	8/20/1979	22:29	0	22.5		7600			FS	24
1979	980323	36	6	8/20/1979	22:38	0	22.5		7650			FS	24
1979	980324	35	6	8/20/1979	22:50	0	23		7900			FS	24
1979	980325	35	6	8/20/1979	23:02	0	22		9450			FS	24
1979	980326	35	6	8/20/1979	23:09	0	22.5		9000			FS	24
1979	980327	36	5	8/20/1979	23:28	0	23		7300			FS	24
1979	980328	36	4	8/20/1979	23:40	0	23		7100			FS	24
1979	980329	35	4	8/20/1979	23:50	0	23		7600			FS	24
1979	980330	35	5	8/20/1979	23:58	0	23		7800			FS	24
1979	980331	35	5	8/21/1979	0:07	0	23		8000			FS	24
1979	980332	34	5	8/21/1979	0:19	0	23		8650			FS	24
1979	980333	34	6	8/21/1979	0:28	0	22.5		8600			FS	24
1979	980334	34	6	8/21/1979	0:36	0	22.5		9000			FS	24
1979	980335	33	6	8/21/1979	0:45	0	22.5		9100			FS	24
1979	980336	33	6	8/21/1979	0:53	0	22.5		8900			FS	24
1979	980337	33	5	8/21/1979	1:02	0	22		9050			FS	24
1979	980338	33	5	8/21/1979	1:14	0	22		11500			FS	24
1979	980339	32	5	8/21/1979	1:22	0	23		12000			FS	24
1979	980340	32	5	8/21/1979	1:29	0	22		11500			FS	24
1979	980341	32	6	8/21/1979	1:37	0	22		11500			FS	24
1979	980342	32	6	8/21/1979	1:45	0	22		9600			FS	24
1979	980343	32	6	8/21/1979	1:53	0	22		9500			FS	24
1979	980344	32	5	8/21/1979	2:04	0	23		9450			FS	24
1979	980345	31	5	8/21/1979	2:11	0	22		11500			FS	24
1979	980346	31	5	8/21/1979	2:19	0	22		9550			FS	24
1979	980348	31	6	8/21/1979	2:35	0	22		9350			FS	24
1979	980349	31	6	8/21/1979	2:43	0	22		9500			FS	24
1979	980350	31	5	8/21/1979	2:51	0	22		9100			FS	24
1979	980351	31	6	8/21/1979	3:01	0	22		9900			FS	24
1979	980352	30	5	8/21/1979	3:10	0	22		9600			FS	24
1979	980353	30	5	8/21/1979	3:19	0	22		10500			FS	24
1979	980354	14	4	8/21/1979	20:06	0	22.5		20000			FS	24
1979	980355	14	4	8/21/1979	20:14	0	22		20500			FS	24
1979	980356	17	4	8/21/1979	20:35	0	22		19500			FS	24
1979	980357	19	4	8/21/1979	20:48	0	22		16500			FS	24
1979	980358	19	5	8/21/1979	20:57	0	22		16500			FS	24
1979	980359	20	5	8/21/1979	21:05	0	22		16500			FS	24
1979	980360	20	4	8/21/1979	21:13	0	22		16500			FS	24
1979	980361	21	4	8/21/1979	21:20	0	22		16000			FS	24
1979	980362	21	5	8/21/1979	21:29	0	22		15500			FS	24
1979	980363	21	5	8/21/1979	21:36	0	22		15500			FS	24
1979	980364	22	5	8/21/1979	21:44	0	22		15500			FS	24
1979	980365	24	4	8/21/1979	21:53	0	22		16000			FS	24
1979	980366	24	5	8/21/1979	22:05	0	22		15500			FS	24
1979	980367	24	4	8/21/1979	22:15	0	22		16000			FS	24
1979	980368	25	4	8/21/1979	22:24	0	22		16000			FS	24
1979	980369	25	5	8/21/1979	22:34	0	22		16000			FS	24
1979	980371	25	5	8/21/1979	22:55	0	22		16000			FS	24
1979	980372	25	4	8/21/1979	23:03	0	22		16000			FS	24
1979	980373	25	4	8/21/1979	23:10	0	22		15000			FS	24

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1979	980374	26	4	8/21/1979	23:20	0	22		16000			FS	24
1979	980375	26	4	8/21/1979	23:23	0	22		16000			FS	24
1979	980376	26	4	8/21/1979	23:35	0	22		16000			FS	24
1979	980377	27	4	8/21/1979	23:52	0	21.5		15000			FS	24
1979	980378	27	4	8/21/1979	23:59	0	21.5		16000			FS	24
1979	980379	28	4	8/22/1979	0:08	0	21.5		14000			FS	24
1979	980380	28	4	8/22/1979	0:19	0	21.5		14000			FS	24
1979	980381	28	4	8/22/1979	0:26	0	21.5		13000			FS	24
1979	980382	28	4	8/22/1979	0:34	0	21.5		13500			FS	24
1979	980383	28	6	8/22/1979	0:47	0	22		12000			FS	24
1979	980384	29	5	8/22/1979	0:55	0	22		13000			FS	24
1979	980385	29	5	8/22/1979	1:02	0	22		13500			FS	24
1979	980386	29	6	8/22/1979	1:12	0	22		12500			FS	24
1979	980387	29	4	8/22/1979	1:25	0	22		12000			FS	24
1979	980388	29	4	8/22/1979	1:32	0	22		12000			FS	24
1979	980389	29	4	8/22/1979	1:50	0	22		12000			FS	24
1979	980390	30	4	8/22/1979	1:57	0	22		11500			FS	24
1979	980391	30	4	8/22/1979	2:03	0	22		11500			FS	24
1979	980392	30	4	8/22/1979	2:10	0	22		11500			FS	24
1979	980393	30	4	8/22/1979	2:17	0	22		11500			FS	24
1979	980394	40	5	8/22/1979	20:54	0	23.5		5350			FS	24
1979	980395	40	5	8/22/1979	21:05	0	23.5		5250			FS	24
1979	980396	40	5	8/22/1979	21:12	0	23.5		5250			FS	24
1979	980397	40	4	8/22/1979	21:24	0	23.5		5400			FS	24
1979	980398	41	6	8/22/1979	21:35	0	23.5		5100			FS	24
1979	980399	41	5	8/22/1979	21:51	0	24		5250			FS	24
1979	980400	41	5	8/22/1979	21:59	0	23.5		5300			FS	24
1979	980401	41	5	8/22/1979	22:06	0	23.5		5400			FS	24
1979	980402	42	6	8/22/1979	22:16	0	24		5000			FS	24
1979	980403	41	5	8/22/1979	22:25	0	23.5		5350			FS	24
1979	980404	41	4	8/22/1979	22:35	0	23		6300			FS	24
1979	980405	42	5	8/22/1979	22:43	0	23		6350			FS	24
1979	980406	42	4	8/22/1979	22:53	0	23		5850			FS	24
1979	980407	42	4	8/22/1979	23:02	0	23		6000			FS	24
1979	980408	47	5	8/22/1979	23:34	0	23		3400			FS	24
1979	980409	48	5	8/22/1979	23:42	0	23		3950			FS	24
1979	980410	51	5	8/23/1979	0:02	0	23		2600			FS	24
1979	980411	53	5	8/23/1979	0:17	0	23		2150			FS	24
1979	980412	55	5	8/23/1979	0:38	0	23		1600			FS	24
1979	980413	55	5	8/23/1979	0:48	0	23		1700			FS	24
1979	980414	54	5	8/23/1979	0:56	0	22.5		2300			FS	24
1979	980415	55	5	8/23/1979	1:09	0	23		1650			FS	24
1979	980416	56	5	8/23/1979	1:17	0	23		1650			FS	24
1979	980417	57	5	8/23/1979	1:25	0	22.5		1800			FS	24
1979	980418	57	4	8/23/1979	1:37	0	22.5		725			FS	24
1979	980419	57	6	8/23/1979	1:52	0	23		785			FS	24
1979	980420	57	6	8/23/1979	2:00	0	22		940			FS	24
1979	980421	138	5	9/4/1979	19:56	11	25		880			FS	25
1979	980422	136	5	9/4/1979	20:20	9	25		400			FS	25
1979	980423	134	5	9/4/1979	20:37	9	25	6.9	460			FS	25
1979	980424	133	5	9/4/1979	20:50	11	25	7	455			FS	25
1979	980425	131	5	9/4/1979	21:10	11	25	6.8	410			FS	25
1979	980426	128	5	9/4/1979	21:24	11	25	7.3	330			FS	25
1979	980427	127	5	9/4/1979	21:39	11	25	7.4	430			FS	25
1979	980428	125	5	9/4/1979	21:59	11	25	7.4	440			FS	25
1979	980429	123	5	9/4/1979	22:12	12	25	7.6	665			FS	25
1979	980430	122	5	9/4/1979	22:24	12	25	8.3	380			FS	25
1979	980431	121	5	9/4/1979	22:37	12	25	8.9	390			FS	25
1979	980432	120	5	9/4/1979	22:47	12	25.5	8.9	615			FS	25

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1979	980433	120	5	9/4/1979	22:55	4	25	8.9	475			FS	25
1979	980434	120	5	9/4/1979	23:05	4	25.5	8.8	475			FS	25
1979	980435	119	5	9/4/1979	23:16	12	25.5	8.9	510			FS	25
1979	980436	116	5	9/4/1979	23:42	14	24.5	8.8	430			FS	25
1979	980437	114	5	9/4/1979	23:59	14	24.5	8.4	355			FS	25
1979	980438	114	5	9/5/1979	0:09	14	25	8.2	395			FS	25
1979	980439	114	5	9/5/1979	0:30	14	25	8.4	370			FS	25
1979	980440	113	5	9/5/1979	0:42	15	25	8.5	440			FS	25
1979	980441	112	5	9/5/1979	0:50	18	25	8.4	400			FS	25
1979	980442	111	5	9/5/1979	1:02	12	25	8.6	380			FS	25
1979	980443	110	5	9/5/1979	1:18	4	25	9.2	400			FS	25
1979	980445	109	5	9/5/1979	1:46	4	25		620			FS	25
1979	980446	109	5	9/5/1979	1:55	4	25		530			FS	25
1979	980447	108	5	9/5/1979	2:05	12	25		435			FS	25
1979	980448	108	5	9/5/1979	2:15	12	25.5		390			FS	25
1979	980449	108	5	9/5/1979	2:24	11	25		575			FS	25
1979	980450	107	5	9/5/1979	2:34	4	25	9.1	535			FS	25
1979	980451	106	5	9/5/1979	2:47	4	25	9	380			FS	25
1979	980452	105	5	9/5/1979	3:02	15	25	9	410			FS	25
1979	980453	105	5	9/5/1979	3:12	12	25.5		430			FS	25
1979	980454	103	5	9/5/1979	3:24	12	25	9.1	585			FS	25
1979	980455	103	5	9/5/1979	3:34	9	25	9	815			FS	25
1979	980456	103	5	9/5/1979	3:43	12	25	9	920			FS	25
1979	980457	102	5	9/5/1979	3:53	5	25	8.9	520			FS	25
1979	980458	101	5	9/5/1979	4:03	4	25		580			FS	25
1979	980459	101	5	9/5/1979	4:12	4	25	8.8	435			FS	25
1979	980460	100	5	9/5/1979	4:23	12	25		685			FS	25
1979	980461	99	5	9/5/1979	4:32	15	25	8.8	740			FS	25
1979	980462	92	5	9/5/1979	19:54	8	26	8.1	560			FS	25
1979	980463	92	5	9/5/1979	20:03	8	26	8	730			FS	25
1979	980464	93	5	9/5/1979	20:19	8	26	8.6	440			FS	25
1979	980465	93	5	9/5/1979	20:23	4	26	8.6	740			FS	25
1979	980466	94	5	9/5/1979	20:34	11	25.5	8.6	865			FS	25
1979	980467	94	5	9/5/1979	20:43	12	25.5	8.8	770			FS	25
1979	980468	95	5	9/5/1979	20:54	12	25.5	8.9	540			FS	25
1979	980469	96	5	9/5/1979	21:02	4	25.5	9	780			FS	25
1979	980471	98	5	9/5/1979	21:32	14	25.5	9	550			FS	25
1979	980472	98	5	9/5/1979	21:43	12	25.5	8.8	375			FS	25
1979	980473	96	5	9/5/1979	21:58	4	25.5	8.8	500			FS	25
1979	980474	91	5	9/5/1979	22:38	4	25.5	8.4	440			FS	25
1979	980475	90	5	9/5/1979	22:48	15	25.5	8	395			FS	25
1979	980476	90	5	9/5/1979	23:05	4	25.5	8.2	580			FS	25
1979	980478	89	5	9/5/1979	23:22	15	25.5	8	500			FS	25
1979	980479	89	5	9/5/1979	23:33	4	25.5	7.8	440			FS	25
1979	980480	89	5	9/5/1979	23:43	4	25.5	7.8	430			FS	25
1979	980481	88	5	9/6/1979	0:02	9	25.5	7.2	410			FS	25
1979	980482	88	5	9/6/1979	0:13	4	25	7	480			FS	25
1979	980483	87	5	9/6/1979	0:37	0	25.5		540			FS	25
1979	980484	86	5	9/6/1979	0:48	18	25.5	7	540			FS	25
1979	980485	86	5	9/6/1979	0:58	21	25	6.8	585			FS	25
1979	980486	84	5	9/6/1979	1:16	11	25	6.5	485			FS	25
1979	980487	83	5	9/6/1979	1:28	4	25	6.6	560			FS	25
1979	980488	83	5	9/6/1979	1:37	4	25	6.2	540			FS	25
1979	980489	83	5	9/6/1979	1:46	5	25	6	530			FS	25
1979	980490	81	5	9/6/1979	2:01	14	25	6	670			FS	25
1979	980491	81	5	9/6/1979	2:10	14	25	6	620			FS	25
1979	980492	81	5	9/6/1979	2:18	14	25	6	720			FS	25
1979	980493	78	5	9/6/1979	2:59	7	25	7.4	475			FS	25
1979	980494	77	5	9/6/1979	3:10	15	25	7.2	450			FS	25

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980495	77	5	9/6/1979	3:19	15	25	8.4	520			FS	25
1979	980496	74	5	9/6/1979	3:38	12	25.5	7.6	540			FS	25
1979	980497	71	5	9/6/1979	3:56	15	25	8.4	530			FS	25
1979	980498	70	5	9/6/1979	4:06	18	26	8.8	525			FS	25
1979	980499	47	5	9/6/1979	20:05	18	25		2800			FS	25
1979	980500	49	5	9/6/1979	20:15	18	25.5		2750			FS	25
1979	980501	49	5	9/6/1979	20:33	24	25.5		2200			FS	25
1979	980503	51	5	9/6/1979	21:11	13	26		2100			FS	25
1979	980504	51	5	9/6/1979	21:21	18	26		1900			FS	25
1979	980505	53	5	9/6/1979	21:37	23	26		1500			FS	25
1979	980506	54	5	9/6/1979	21:49	4	26		1250			FS	25
1979	980507	55	5	9/6/1979	21:57	5	26		1100			FS	25
1979	980508	56	5	9/6/1979	22:08	12	26		620			FS	25
1979	980509	57	5	9/6/1979	22:17	14	26		640			FS	25
1979	980510	56	6	9/6/1979	22:25	5	26		690			FS	25
1979	980511	56	6	9/6/1979	22:34	5	26		855			FS	25
1979	980512	56	6	9/6/1979	22:43	5	26		910			FS	25
1979	980513	57	4	9/6/1979	22:56	5	26		570			FS	25
1979	980514	57	4	9/6/1979	23:05	5	26		575			FS	25
1979	980515	57	5	9/6/1979	23:14	12	26		500			FS	25
1979	980516	58	5	9/6/1979	23:23	11	26		550			FS	25
1979	980517	59	5	9/5/1979	23:45	12	26		470			FS	25
1979	980518	59	5	9/6/1979	23:54	4	26		560			FS	25
1979	980519	59	5	9/7/1979	0:02	4	26		485			FS	25
1979	980520	60	5	9/7/1979	0:12	4	26		405			FS	25
1979	980521	63	5	9/7/1979	0:31	4	26		355			FS	25
1979	980522	64	5	9/7/1979	0:38	4	26		320			FS	25
1979	980523	67	5	9/7/1979	0:59	17	26		255			FS	25
1979	980524	68	5	9/7/1979	1:08	9	26		250			FS	25
1979	980525	69	5	9/7/1979	1:17	12	26		245			FS	25
1979	980526	42	4	9/7/1979	3:41	5	26		6150			FS	25
1979	980527	138	5	9/17/1979	21:30	0	20		190			FS	26
1979	980528	137	5	9/17/1979	21:48	0	20		190			FS	26
1979	980529	136	5	9/17/1979	21:59	0	20		195			FS	26
1979	980530	136	5	9/17/1979	22:15	0	20		200			FS	26
1979	980531	129	5	9/17/1979	23:05	0	19.5		185			FS	26
1979	980532	128	5	9/17/1979	23:20	0	19.5		190			FS	26
1979	980533	127	5	9/17/1979	23:31	0	20		195			FS	26
1979	980534	125	5	9/17/1979	23:54	0	19.5		195			FS	26
1979	980535	124	5	9/18/1979	0:08	0	19.5		185			FS	26
1979	980536	123	5	9/18/1979	0:21	0	20		180			FS	26
1979	980537	121	5	9/18/1979	0:40	0	20		180			FS	26
1979	980538	119	5	9/18/1979	0:58	0	20		185			FS	26
1979	980539	119	5	9/18/1979	1:10	0	20		180			FS	26
1979	980540	118	5	9/18/1979	1:20	0	20		190			FS	26
1979	980541	117	5	9/18/1979	1:33	0	20		190			FS	26
1979	980542	115	5	9/18/1979	1:50	0	20		200			FS	26
1979	980543	113	5	9/18/1979	2:52	0	20		210			FS	26
1979	980544	112	5	9/18/1979	3:01	0	20		220			FS	26
1979	980545	112	5	9/18/1979	3:12	0	20		220			FS	26
1979	980546	111	5	9/18/1979	3:23	0	20		215			FS	26
1979	980547	111	5	9/18/1979	3:34	0	20		220			FS	26
1979	980549	111	5	9/18/1979	4:00	0	20		220			FS	26
1979	980551	110	5	9/18/1979	4:20	0	20		220			FS	26
1979	980552	110	5	9/18/1979	4:30	0	20		220			FS	26
1979	980553	109	5	9/18/1979	4:45	0	20		210			FS	26
1979	980554	109	5	9/18/1979	20:55	0	20		185			FS	26
1979	980555	109	5	9/18/1979	21:05	0	20		180			FS	26
1979	980556	108	5	9/18/1979	21:20	0	20		185			FS	26

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980557	107	5	9/18/1979	21:36	0	20		195			FS	26
1979	980558	105	5	9/18/1979	22:10	0	20		200			FS	26
1979	980560	103	5	9/18/1979	22:40	0	20		215			FS	26
1979	980561	103	5	9/18/1979	22:49	0	20		220			FS	26
1979	980562	99	5	9/18/1979	23:21	0	20		220			FS	26
1979	980563	99	5	9/18/1979	23:32	0	20		215			FS	26
1979	980564	99	5	9/18/1979	23:43	0	20		215			FS	26
1979	980565	99	5	9/18/1979	23:57	0	20		220			FS	26
1979	980566	99	5	9/19/1979	0:06	0	20		215			FS	26
1979	980567	98	5	9/19/1979	0:17	0	20		210			FS	26
1979	980568	98	5	9/19/1979	0:27	0	20		210			FS	26
1979	980569	97	5	9/19/1979	0:39	0	20		210			FS	26
1979	980570	97	5	9/19/1979	0:48	0	20		210			FS	26
1979	980571	96	5	9/19/1979	0:59	0	20		205			FS	26
1979	980572	96	5	9/19/1979	1:19	0	20		200			FS	26
1979	980573	95	5	9/19/1979	1:28	0	20		210			FS	26
1979	980574	94	5	9/19/1979	1:45	0	20		200			FS	26
1979	980576	94	5	9/19/1979	2:09	0	20		205			FS	26
1979	980578	92	5	9/19/1979	2:50	0	20		200			FS	26
1979	980579	92	5	9/19/1979	3:03	0	20		200			FS	26
1979	980580	93	5	9/19/1979	3:18	0	20		205			FS	26
1979	980581	94	5	9/19/1979	3:35	0	20		210			FS	26
1979	980582	91	5	9/19/1979	3:57	0	20		210			FS	26
1979	980583	90	5	9/19/1979	4:10	0	20		210			FS	26
1979	980584	90	5	9/19/1979	4:21	0	20		210			FS	26
1979	980585	89	5	9/19/1979	4:33	0	20		210			FS	26
1979	980586	89	5	9/19/1979	4:47	0	20		260			FS	26
1979	980587	89	5	9/19/1979	5:00	0	20		250			FS	26
1979	980588	89	5	9/19/1979	20:34	0	20		245			FS	26
1979	980589	88	5	9/19/1979	20:45	0	19		240			FS	26
1979	980590	88	5	9/19/1979	20:59	0	19.5		265			FS	26
1979	980591	88	5	9/19/1979	21:19	0	19.5		260			FS	26
1979	980592	86	5	9/19/1979	21:40	0	20		240			FS	26
1979	980593	85	5	9/19/1979	21:50	0	20		240			FS	26
1979	980594	85	5	9/19/1979	22:00	0	20		245			FS	26
1979	980595	84	5	9/19/1979	22:12	0	19.5		240			FS	26
1979	980596	83	5	9/19/1979	22:27	0	20		250			FS	26
1979	980597	81	5	9/19/1979	22:40	0	20		260			FS	26
1979	980598	81	5	9/19/1979	22:50	0	20		270			FS	26
1979	980599	80	5	9/19/1979	23:10	0	20		240			FS	26
1979	980600	79	5	9/19/1979	23:27	0	19.5		240			FS	26
1979	980601	78	5	9/19/1979	23:45	0	20		235			FS	26
1979	980602	77	5	9/19/1979	23:57	0	20		220			FS	26
1979	980603	77	5	9/20/1979	0:08	0	20		220			FS	26
1979	980604	73	5	9/20/1979	0:40	0	21		230			FS	26
1979	980605	73	5	9/20/1979	0:49	0	21		240			FS	26
1979	980606	72	5	9/20/1979	1:02	0	21		240			FS	26
1979	980607	69	5	9/20/1979	1:28	0	21		240			FS	26
1979	980608	66	5	9/20/1979	2:02	0	21		240			FS	26
1979	980609	66	5	9/20/1979	2:11	0	22		245			FS	26
1979	980610	65	5	9/20/1979	2:22	0	21.5		240			FS	26
1979	980611	62	5	9/20/1979	2:39	0	21.5		240			FS	26
1979	980612	61	5	9/20/1979	2:50	0	21		240			FS	26
1979	980613	60	5	9/20/1979	3:00	0	21		240			FS	26
1979	980614	56	5	9/20/1979	20:40	0	21		370			FS	26
1979	980615	58	5	9/20/1979	21:02	0	21		355			FS	26
1979	980616	58	5	9/20/1979	21:12	0	21		335			FS	26
1979	980617	59	6	9/20/1979	21:25	0	20.5		345			FS	26
1979	980618	58	5	9/20/1979	21:35	0	21		260			FS	26

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980619	58	6	9/20/1979	21:45	0	20.5		285			FS	26
1979	980620	58	5	9/20/1979	21:58	0	21		275			FS	26
1979	980621	58	5	9/20/1979	22:08	0	21		335			FS	26
1979	980622	57	6	9/20/1979	22:22	0	21		265			FS	26
1979	980623	56	6	9/20/1979	22:30	0	21		265			FS	26
1979	980624	56	6	9/20/1979	22:40	0	21		265			FS	26
1979	980625	54	5	9/20/1979	22:55	0	21		280			FS	26
1979	980626	54	5	9/20/1979	23:08	0	21.5		275			FS	26
1979	980627	136	5	10/1/1979	20:41	12	18	7.8	195			FS	27
1979	980629	132	5	10/1/1979	21:22	12	17.5	7.6	200			FS	27
1979	980630	131	5	10/1/1979	21:45	12	17.5	7.6	205			FS	27
1979	980631	130	5	10/1/1979	21:58	12	17.5	7.7				FS	27
1979	980632	130	5	10/1/1979	22:09	12	17.5	7.5				FS	27
1979	980633	129	5	10/1/1979	22:13	12	17.5	7.8	210			FS	27
1979	980634	129	5	10/1/1979	22:22	0	18		205			FS	27
1979	980635	124	5	10/1/1979	23:08	12	17.5	8.4	210			FS	27
1979	980637	120	5	10/1/1979	23:54	12	18	8.4	205			FS	27
1979	980638	119	5	10/2/1979	0:06	7	18	8.7	205			FS	27
1979	980639	119	5	10/2/1979	0:16	12	18	8.5	210			FS	27
1979	980640	117	5	10/2/1979	0:24	4	18	8.9	405			FS	27
1979	980641	117	5	10/2/1979	0:37	12	18	8.8	340			FS	27
1979	980642	116	5	10/2/1979	0:50	12	18	9.4	405			FS	27
1979	980643	113	5	10/2/1979	1:11	5	18	9.4	325			FS	27
1979	980644	113	5	10/2/1979	1:20	15	18	9.5				FS	27
1979	980645	112	5	10/2/1979	1:31	5	18	9.7				FS	27
1979	980646	112	5	10/2/1979	1:45	4	18	9.4	410			FS	27
1979	980647	109	5	10/2/1979	2:08	0	18		265			FS	27
1979	980648	109	5	10/2/1979	2:18	0	18		265			FS	27
1979	980649	109	5	10/2/1979	2:26	12	18	9.4	290			FS	27
1979	980650	108	5	10/2/1979	2:34	12	18	9.4	280			FS	27
1979	980651	108	5	10/2/1979	2:54	0	18		260			FS	27
1979	980652	107	5	10/2/1979	3:08	9	18	9.3	285			FS	27
1979	980653	107	5	10/2/1979	3:20	8	18	9.4	265			FS	27
1979	980654	107	5	10/2/1979	3:32	9	17.5	9.6	260			FS	27
1979	980655	107	5	10/2/1979	3:38	11	18	9.4	275			FS	27
1979	980656	106	5	10/2/1979	22:22	12	17.5	9.1	205			FS	27
1979	980657	106	5	10/2/1979	22:33	9	18	9.3	205			FS	27
1979	980658	106	5	10/2/1979	22:45	14	18	9.1	200			FS	27
1979	980659	106	5	10/2/1979	22:57	4	18	9.2	200			FS	27
1979	980660	101	5	10/2/1979	23:24	12	18	9.7	255			FS	27
1979	980661	101	5	10/2/1979	23:39	7	17.5	9	200			FS	27
1979	980662	101	5	10/2/1979	23:48	18	18	8.9	195			FS	27
1979	980663	101	5	10/2/1979	23:57	15	18	8.8	200			FS	27
1979	980664	100	5	10/3/1979	0:12	15	17.5	8.6	195			FS	27
1979	980665	99	5	10/3/1979	0:27	4	18	9	195			FS	27
1979	980666	98	5	10/3/1979	0:42	4	18	8.9	200			FS	27
1979	980667	98	5	10/3/1979	0:48	15	17.5	8.6	200			FS	27
1979	980668	97	5	10/3/1979	0:58	8	18	8.7	205			FS	27
1979	980669	96	5	10/3/1979	1:07	12	18	8.8	200			FS	27
1979	980670	96	5	10/3/1979	1:23	4	18	8.9	200			FS	27
1979	980671	95	5	10/3/1979	1:43	15	18	8.6	215			FS	27
1979	980672	94	5	10/3/1979	1:53	4	18	8.8	215			FS	27
1979	980673	94	5	10/3/1979	2:01	12	18	8.6	215			FS	27
1979	980674	93	5	10/3/1979	2:12	0	18		215			FS	27
1979	980675	93	5	10/3/1979	2:22	4	18	8.8	215			FS	27
1979	980676	92	5	10/3/1979	2:35	4	18	8.6	215			FS	27
1979	980677	92	5	10/3/1979	2:45	9	18	8.6	215			FS	27
1979	980678	91	5	10/3/1979	2:55	12	18	8.6	210			FS	27
1979	980679	91	5	10/3/1979	3:03	18	18	8.5	215			FS	27

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980680	90	5	10/3/1979	3:13	4	18	8.8	215			FS	27
1979	980681	89	5	10/3/1979	3:23	18	18	9.4	215			FS	27
1979	980682	89	5	10/3/1979	3:35	12	18	8.6	215			FS	27
1979	980683	88	5	10/3/1979	3:46	5	17.5	8.6	215			FS	27
1979	980684	88	5	10/3/1979	3:58	0	18		205			FS	27
1979	980685	87	5	10/3/1979	4:09	18	18	8.5	220			FS	27
1979	980686	86	5	10/3/1979	4:22	0	18		215			FS	27
1979	980687	86	5	10/3/1979	4:32	26	18	8.4	270			FS	27
1979	980688	86	5	10/3/1979	4:43	29	18	8.6	260			FS	27
1979	980689	85	5	10/3/1979	4:54	15	18	8.6				FS	27
1979	980690	85	5	10/3/1979	5:06	14	18	8.3				FS	27
1979	980691	84	5	10/3/1979	5:15	4	18	8.4	245			FS	27
1979	980692	84	5	10/3/1979	5:29	4	18	8.2	250			FS	27
1979	980693	83	5	10/3/1979	5:42	5	18	8.2	260			FS	27
1979	980694	83	5	10/3/1979	19:50	24	18	8.6	255			FS	27
1979	980696	82	5	10/3/1979	21:14	17	18	8.6	235			FS	27
1979	980697	82	5	10/3/1979	21:22	17	18	8.4	250			FS	27
1979	980698	80	5	10/3/1979	21:40	15	18	8.4	235			FS	27
1979	980699	77	5	10/3/1979	22:05	6	18	8.2	240			FS	27
1979	980700	73	5	10/3/1979	22:32	4	18	7.8	230			FS	27
1979	980701	73	5	10/3/1979	22:44	18	19	7.8	220			FS	27
1979	980702	72	5	10/3/1979	22:58	15	19	7.8	230			FS	27
1979	980703	67	5	10/3/1979	23:31	9	20	7.8	225			FS	27
1979	980704	67	5	10/3/1979	23:40	12	19	7.8	230			FS	27
1979	980705	66	5	10/3/1979	23:52	11	20	7.8	270			FS	27
1979	980706	65	5	10/4/1979	0:07	17	20	7.8	240			FS	27
1979	980707	62	5	10/4/1979	0:27	9	20		245			FS	27
1979	980708	61	5	10/4/1979	0:41	12	20	8	240			FS	27
1979	980709	61	5	10/4/1979	0:51	4	20	8.2	275			FS	27
1979	980710	60	5	10/4/1979	1:03	5	20	7.8	270			FS	27
1979	980711	60	5	10/4/1979	1:09	12	20	8	260			FS	27
1979	980713	59	5	10/4/1979	1:40	5	20	8	270			FS	27
1979	980714	58	6	10/4/1979	1:52	5	20	8	265			FS	27
1979	980715	58	5	10/4/1979	2:02	8	20	8	270			FS	27
1979	980716	57	6	10/4/1979	2:10	5	20	8	265			FS	27
1979	980717	57	6	10/4/1979	2:20	5	20	8.2	300			FS	27
1979	980718	57	5	10/4/1979	2:29	12	20	8	375			FS	27
1979	980719	56	6	10/4/1979	2:48	5	20	8	275			FS	27
1979	980720	56	6	10/4/1979	2:45	5	20	8	240			FS	27
1979	980721	54	5	10/4/1979	2:59	23	20	8	375			FS	27
1979	980722	52	5	10/4/1979	3:16	6	20	7.4	715			FS	27
1979	980723	51	5	10/4/1979	3:24	20	20	7.8	785			FS	27
1979	980724	50	5	10/4/1979	3:35	11	20	7.8	820			FS	27
1979	980725	49	5	10/4/1979	3:53	23	20	7.6	1550			FS	27
1979	980726	48	5	10/4/1979	4:04	21	20	7.4	1600			FS	27
1979	980727	47	5	10/4/1979	4:14	27	20	7.2	1400			FS	27
1979	980728	47	5	10/4/1979	4:27	6	20	7.4	1350			FS	27
1979	980729	46	5	10/4/1979	4:38	12	20		1300			FS	27
1979	980730	138	5	10/15/1979	21:15	11	10.5	11.2	180			FS	28
1979	980731	138	5	10/15/1979	21:27	11	10.5	11.1	175			FS	28
1979	980732	136	5	10/15/1979	21:47	12	10.5	11	170			FS	28
1979	980734	134	5	10/15/1979	22:21	12	10.5	10.8	170			FS	28
1979	980735	134	5	10/15/1979	22:31	12	10.5	10.8	175			FS	28
1979	980736	132	5	10/15/1979	22:47	12	10.5	10.7	175			FS	28
1979	980737	128	5	10/15/1979	23:18	12	10.5	10.6	180			FS	28
1979	980738	127	5	10/15/1979	23:34	10	10.5	10.5	195			FS	28
1979	980739	124	5	10/16/1979	0:02	4	10.5	10.6	190			FS	28
1979	980740	123	5	10/16/1979	0:14	12	10.5	10.4	195			FS	28
1979	980741	123	5	10/16/1979	0:24	11	11	10.5	195			FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980742	122	5	10/16/1979	0:35	4	10.5	10.9	200			FS	28
1979	980743	119	5	10/16/1979	1:00	0	11		205			FS	28
1979	980744	117	5	10/16/1979	1:16	13	11	10.4	205			FS	28
1979	980745	113	5	10/16/1979	1:46	13	11	10.2	210			FS	28
1979	980746	113	5	10/16/1979	1:57	8	11	10.4	220			FS	28
1979	980747	112	5	10/16/1979	2:12	13	11	10.4	210			FS	28
1979	980748	112	5	10/16/1979	2:23	15	11	10.2	210			FS	28
1979	980749	112	5	10/16/1979	2:36	15	11	10.2	210			FS	28
1979	980750	111	5	10/16/1979	2:53	12	11	10.2	215			FS	28
1979	980751	110	5	10/16/1979	3:17	4	11	10.2	220			FS	28
1979	980752	109	5	10/16/1979	3:35	9	11	10.3	215			FS	28
1979	980753	110	5	10/16/1979	3:45	12	11	10.4	210			FS	28
1979	980754	108	5	10/16/1979	3:58	11	11	10.2	215			FS	28
1979	980755	108	5	10/16/1979	4:12	4	11	10.7	220			FS	28
1979	980756	108	5	10/16/1979	4:25	6	11	10.2	220			FS	28
1979	980757	107	5	10/16/1979	4:37	4	11	10.4	210			FS	28
1979	980758	107	5	10/16/1979	4:48	11	11	10.4	210			FS	28
1979	980759	107	5	10/16/1979	4:58	6	11	10.2	215			FS	28
1979	980760	106	5	10/16/1979	21:55	12	11	10.6	210			FS	28
1979	980761	105	5	10/16/1979	22:08	16	11	10.6	215			FS	28
1979	980762	105	5	10/16/1979	22:17	9	11	10.6	220			FS	28
1979	980763	102	5	10/16/1979	22:46	14	11	10.6	425			FS	28
1979	980764	101	5	10/16/1979	23:03	0	11		370			FS	28
1979	980765	101	5	10/16/1979	23:12	5	11	10.5	345			FS	28
1979	980766	99	5	10/16/1979	23:27	9	11	10.6	335			FS	28
1979	980767	100	5	10/16/1979	23:39	0	11		475			FS	28
1979	980768	98	5	10/16/1979	23:48	13	11	10.5	345			FS	28
1979	980769	97	5	10/17/1979	0:08	15	11	10.6	360			FS	28
1979	980770	96	5	10/17/1979	0:18	4	11	10.3	320			FS	28
1979	980771	96	5	10/17/1979	0:28	12	11	10.5	300			FS	28
1979	980772	95	5	10/17/1979	0:37	12	11	10.7	295			FS	28
1979	980773	95	5	10/17/1979	0:48	4	11	10.8	330			FS	28
1979	980774	95	5	10/17/1979	1:36	15	10.5	10.1	350			FS	28
1979	980775	94	5	10/17/1979	1:50	4	11	10.4	265			FS	28
1979	980776	94	5	10/17/1979	1:58	12	11	10.2	275			FS	28
1979	980777	94	5	10/17/1979	2:05	0	11		340			FS	28
1979	980778	93	5	10/17/1979	2:58	9	11	10.4	280			FS	28
1979	980779	92	5	10/17/1979	3:09	4	11	10.5	220			FS	28
1979	980780	92	5	10/17/1979	3:17	4	11	10.4	340			FS	28
1979	980781	92	5	10/17/1979	3:27	4	11	10.4	215			FS	28
1979	980782	92	5	10/17/1979	3:38	4	11	10.4	230			FS	28
1979	980783	93	5	10/17/1979	3:43	8	11	10.4	235			FS	28
1979	980784	91	5	10/17/1979	4:13	12	11	10	210			FS	28
1979	980785	90	5	10/17/1979	4:21	15	11.5	10.2	225			FS	28
1979	980786	89	5	10/17/1979	4:32	15	11	10.1	225			FS	28
1979	980787	89	5	10/17/1979	4:43	12	11	9.8	220			FS	28
1979	980788	88	5	10/17/1979	4:53	5	11.5	9.8	265			FS	28
1979	980789	88	5	10/17/1979	5:02	4	11.5	9.9	270			FS	28
1979	980790	87	5	10/17/1979	5:12	12	11.5	9.8	215			FS	28
1979	980791	87	5	10/17/1979	5:22	18	11.5	10	405			FS	28
1979	980792	86	5	10/17/1979	5:32	22	11.5	9.6	220			FS	28
1979	980793	84	5	10/17/1979	21:38	18	12	8.8	220			FS	28
1979	980794	84	5	10/17/1979	21:50	17	12.5	8.9	315			FS	28
1979	980795	83	5	10/17/1979	22:05	6	12.5	8.6	215			FS	28
1979	980796	82	5	10/17/1979	22:15	5	12.8	8.4	205			FS	28
1979	980797	81	5	10/17/1979	22:27	17	12.5	8.4	195			FS	28
1979	980798	81	5	10/17/1979	22:36	15	12.5	8.2	200			FS	28
1979	980799	79	5	10/17/1979	22:53	19	12.8	8.4	205			FS	28
1979	980800	78	5	10/17/1979	23:08	4	13		195			FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980801	77	5	10/17/1979	21:23	16	13	8.4	190			FS	28
1979	980802	77	5	10/17/1979	23:33	18	13.2	8.2	205			FS	28
1979	980803	75	5	10/17/1979	23:50	4	13.5	8.2	180			FS	28
1979	980804	70	5	10/18/1979	0:21	18	14	8	180			FS	28
1979	980805	69	5	10/18/1979	0:32	19	14	8	180			FS	28
1979	980806	68	5	10/18/1979	0:45	9	14	8	185			FS	28
1979	980807	68	5	10/18/1979	0:55	11	14	8	195			FS	28
1979	980808	64	5	10/18/1979	1:17	0	14.5		185			FS	28
1979	980809	63	5	10/18/1979	1:34	9	14.5	8.2	200			FS	28
1979	980810	62	5	10/18/1979	1:47	12	14.5	8.1	200			FS	28
1979	980811	61	5	10/18/1979	2:00	18	14.5	8.1	200			FS	28
1979	980812	61	5	10/18/1979	2:10	6	14.5	8.2	200			FS	28
1979	980813	59	5	10/18/1979	2:20	14	14.5	8.1	200			FS	28
1979	980814	59	5	10/18/1979	2:41	11	14.5	8.2	200			FS	28
1979	980815	58	6	10/18/1979	2:56	6	14.5	8.5	205			FS	28
1979	980816	58	5	10/18/1979	3:00	4	14.5	8.8	205			FS	28
1979	980817	58	5	10/18/1979	3:37	9	14.5	8.6	200			FS	28
1979	980818	57	6	10/18/1979	3:48	6	14.5	8.6	205			FS	28
1979	980819	57	5	10/18/1979	4:00	13	14.5	8.5	210			FS	28
1979	980820	56	5	10/18/1979	19:23	14	15	7.8	195			FS	28
1979	980821	57	6	10/18/1979	19:38	0	15		215			FS	28
1979	980822	56	6	10/18/1979	19:48	4	15	8	205			FS	28
1979	980823	56	6	10/18/1979	19:55	5	15	8.2	200			FS	28
1979	980824	55	5	10/18/1979	20:08	7	14.5	7.9	205			FS	28
1979	980825	54	5	10/18/1979	20:22	21	14.5	8.1	195			FS	28
1979	980826	52	5	10/18/1979	20:38	32	15	8.1	205			FS	28
1979	980827	51	5	10/18/1979	20:53	20	14.5	7.9	475			FS	28
1979	980828	51	5	10/18/1979	21:17	20	14.5	8.1	430			FS	28
1979	980829	49	5	10/18/1979	21:28	24	14.5	8.2	395			FS	28
1979	980830	49	5	10/18/1979	21:43	17	14.5	8.1	485			FS	28
1979	980831	48	5	10/18/1979	21:52	17	14.5	8.2	415			FS	28
1979	980832	46	5	10/18/1979	22:22	26	15	8.2	435			FS	28
1979	980833	46	5	10/18/1979	22:33	5	15	8.3	440			FS	28
1979	980834	137	5	10/29/1979	21:32	12	11	11	185			FS	29
1979	980835	137	5	10/29/1979	21:45	12	10.5	11.1	180			FS	29
1979	980836	135	5	10/29/1979	22:07	12	10.5	11	180			FS	29
1979	980837	132	5	10/29/1979	22:31	0	11		180			FS	29
1979	980838	132	5	10/29/1979	22:44	12	11	10.7	180			FS	29
1979	980839	130	5	10/29/1979	23:00	0	11		180			FS	29
1979	980840	129	5	10/29/1979	23:17	12	11	10.4	175			FS	29
1979	980841	127	5	10/29/1979	23:30	0	11.5		175			FS	29
1979	980842	124	5	10/29/1979	23:49	0	11.5		175			FS	29
1979	980843	123	5	10/29/1979	23:58	0	11.5		175			FS	29
1979	980844	123	5	10/30/1979	0:12	0	11.5		175			FS	29
1979	980845	122	5	10/30/1979	0:27	0	11.5		175			FS	29
1979	980846	122	5	10/30/1979	0:34	0	11.8		175			FS	29
1979	980847	122	5	10/30/1979	0:44	0	11.5		185			FS	29
1979	980848	120	5	10/30/1979	0:59	0	11.9		175			FS	29
1979	980849	120	5	10/30/1979	1:10	0	11.9		180			FS	29
1979	980850	119	5	10/30/1979	1:23	0	11.5		180			FS	29
1979	980851	115	5	10/30/1979	1:53	0	11.2		185			FS	29
1979	980852	111	5	10/30/1979	2:37	0	11.1		180			FS	29
1979	980853	111	5	10/30/1979	2:46	0	11		180			FS	29
1979	980854	110	5	10/30/1979	2:58	0	11		175			FS	29
1979	980855	110	5	10/30/1979	3:10	0	11		175			FS	29
1979	980856	109	5	10/30/1979	3:22	0	11		175			FS	29
1979	980857	109	5	10/30/1979	3:30	0	11.1		175			FS	29
1979	980858	108	5	10/30/1979	3:43	0	11		175			FS	29
1979	980859	108	5	10/30/1979	3:57	0	11		175			FS	29

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980860	107	5	10/30/1979	4:13	0	11		175			FS	29
1979	980861	107	5	10/30/1979	4:26	0	10.9		175			FS	29
1979	980862	107	5	10/30/1979	4:50	0	10.9		175			FS	29
1979	980863	106	5	10/30/1979	21:17	0	10.3		180			FS	29
1979	980864	106	5	10/30/1979	21:26	0	10.5		175			FS	29
1979	980865	105	5	10/30/1979	21:47	0	10.5		175			FS	29
1979	980866	103	5	10/30/1979	22:02	0	10.5		180			FS	29
1979	980867	102	5	10/30/1979	22:10	0	10.5		180			FS	29
1979	980868	102	5	10/30/1979	22:18	0	10.5		180			FS	29
1979	980869	101	5	10/30/1979	22:29	0	10.2		185			FS	29
1979	980870	101	5	10/30/1979	22:35	0	10.5		185			FS	29
1979	980871	100	5	10/30/1979	22:48	0	10.9		185			FS	29
1979	980872	99	5	10/30/1979	22:57	0	10.9		185			FS	29
1979	980873	98	5	10/30/1979	23:05	0	10.8		185			FS	29
1979	980874	97	5	10/30/1979	23:17	0	11		185			FS	29
1979	980875	97	5	10/30/1979	23:25	0	11		185			FS	29
1979	980876	97	5	10/30/1979	23:42	0	11		185			FS	29
1979	980877	97	5	10/30/1979	23:52	0	10.9		185			FS	29
1979	980878	96	5	10/31/1979	0:02	0	11.5		185			FS	29
1979	980879	94	5	10/31/1979	0:18	0	11.3		190			FS	29
1979	980880	94	5	10/31/1979	0:27	0	11.3		190			FS	29
1979	980881	92	5	10/31/1979	0:41	0	11.1		190			FS	29
1979	980882	92	5	10/31/1979	0:53	0	12		190			FS	29
1979	980883	92	5	10/31/1979	1:05	0	11.1		190			FS	29
1979	980884	91	5	10/31/1979	1:15	0	11.1		190			FS	29
1979	980885	92	5	10/31/1979	1:23	0	11		190			FS	29
1979	980886	90	5	10/31/1979	2:31	0	11		190			FS	29
1979	980887	90	5	10/31/1979	2:42	0	11		190			FS	29
1979	980888	89	5	10/31/1979	2:58	0	11		185			FS	29
1979	980889	89	5	10/31/1979	3:02	0	11		190			FS	29
1979	980890	88	5	10/31/1979	3:16	0	11.1		190			FS	29
1979	980891	88	5	10/31/1979	3:27	0	11		190			FS	29
1979	980892	88	5	10/31/1979	3:35	0	11		190			FS	29
1979	980893	88	5	10/31/1979	3:43	0	10.9		190			FS	29
1979	980894	87	5	10/31/1979	20:17	0	11.2		195			FS	29
1979	980895	86	5	10/31/1979	20:30	0	11.1		195			FS	29
1979	980896	85	5	10/31/1979	20:43	0	11.1		200			FS	29
1979	980897	83	5	10/31/1979	21:02	0	11.6		205			FS	29
1979	980898	83	5	10/31/1979	21:10	0	11.8		210			FS	29
1979	980899	83	5	10/31/1979	21:18	0	11.5		205			FS	29
1979	980900	83	5	10/31/1979	21:28	0	11.5		210			FS	29
1979	980901	83	5	10/31/1979	21:40	0	11.5		215			FS	29
1979	980902	81	5	10/31/1979	21:52	0	11.8		215			FS	29
1979	980903	80	5	10/31/1979	22:02	0	11.9		215			FS	29
1979	980904	78	5	10/31/1979	22:18	0	11.9		220			FS	29
1979	980905	77	5	10/31/1979	22:25	0	11.9		240			FS	29
1979	980906	76	5	10/31/1979	22:35	0	11.9		240			FS	29
1979	980907	74	5	10/31/1979	22:52	0	12		230			FS	29
1979	980908	69	5	10/31/1979	23:23	0	12		220			FS	29
1979	980909	65	5	10/31/1979	23:43	0	12		220			FS	29
1979	980910	64	5	10/31/1979	23:54	0	13		215			FS	29
1979	980911	63	5	11/1/1979	0:08	0	12		215			FS	29
1979	980912	64	5	11/1/1979	0:18	0	12.1		215			FS	29
1979	980913	63	5	11/1/1979	0:28	0	12		215			FS	29
1979	980914	61	5	11/1/1979	0:42	0	12		210			FS	29
1979	980915	61	5	11/1/1979	0:50	0	12.1		210			FS	29
1979	980916	60	5	11/1/1979	1:02	0	12		215			FS	29
1979	980917	59	5	11/1/1979	1:13	0	12		330			FS	29
1979	980918	59	6	11/1/1979	1:25	0	12		220			FS	29

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980919	58	6	11/1/1979	1:33	0	12		370			FS	29
1979	980920	57	5	11/1/1979	1:44	0	12.1		205			FS	29
1979	980921	56	6	11/1/1979	1:57	0	12		215			FS	29
1979	980922	56	6	11/1/1979	2:04	0	12		330			FS	29
1979	980923	56	6	11/1/1979	2:13	0	12		215			FS	29
1979	980924	56	5	11/1/1979	2:26	0	12		210			FS	29
1979	980925	56	5	11/1/1979	2:35	0	12		210			FS	29
1979	980926	56	5	11/1/1979	2:42	0	12		210			FS	29
1979	980927	55	5	11/1/1979	18:31	0	12.2		200			FS	29
1979	980928	54	5	11/1/1979	18:42	0	12.5		205			FS	29
1979	980930	54	5	11/1/1979	19:10	0	12.8		195			FS	29
1979	980931	51	5	11/1/1979	19:50	0	13.1		205			FS	29
1979	980932	51	5	11/1/1979	20:00	0	13		200			FS	29
1979	980933	54	5	11/1/1979	20:10	0	13.1		210			FS	29
1979	980934	49	5	11/1/1979	20:30	0	13.3		230			FS	29
1979	980935	37	5	11/1/1979	20:55	0	13.8		310			FS	29
1979	980937	39	6	11/12/1979	20:21	3	10	8.9	600			FS	30
1979	980938	38	5	11/12/1979	20:35	8	10	8.6	2250			FS	30
1979	980939	38	5	11/12/1979	20:45	4	10	9	420			FS	30
1979	980940	37	5	11/12/1979	21:00	4	10	8.9	385			FS	30
1979	980941	37	5	11/12/1979	21:10	4	10	8.9	480			FS	30
1979	980942	37	5	11/12/1979	21:20	9	10	8.8	495			FS	30
1979	980943	37	5	11/12/1979	21:30	8	10	8.5	1950			FS	30
1979	980944	37	6	11/12/1979	21:43	3	10	8.6	600			FS	30
1979	980945	37	4	11/12/1979	22:30	5	10	9	555			FS	30
1979	980946	37	4	11/12/1979	22:40	5	10	8.6	470			FS	30
1979	980947	36	5	11/12/1979	23:00	8	10	8.7	1000			FS	30
1979	980948	37	6	11/12/1979	23:10	3	10	9	545			FS	30
1979	980949	36	6	11/12/1979	23:20	3	10	8.9	885			FS	30
1979	980950	36	6	11/12/1979	23:30	4	10	8.8	535			FS	30
1979	980951	36	6	11/12/1979	23:40	3	10	8.8	785			FS	30
1979	980952	35	6	11/12/1979	23:47	3	10	9	800			FS	30
1979	980953	35	6	11/12/1979	23:55	3	10	8.9	690			FS	30
1979	980954	35	6	11/13/1979	0:05	3	10	8.7	725			FS	30
1979	980955	35	6	11/13/1979	0:15	3	10	9.2	500			FS	30
1979	980956	34	6	11/13/1979	0:26	2	10	8.9	330			FS	30
1979	980957	34	6	11/13/1979	0:36	4	10	9.2	340			FS	30
1979	980958	34	5	11/13/1979	1:04	14	10	8.7	3250			FS	30
1979	980959	34	5	11/13/1979	1:15	14	10	8.8	2750			FS	30
1979	980960	17	5	11/13/1979	18:07	4	10	10.1	8750			FS	30
1979	980961	19	5	11/13/1979	18:20	4	10	10.2	6750			FS	30
1979	980962	19	5	11/13/1979	18:30	0	10		4550			FS	30
1979	980963	19	4	11/13/1979	18:40	6	10	9.9	8500			FS	30
1979	980965	22	4	11/13/1979	19:13	5	10	10.6	5250			FS	30
1979	980966	22	4	11/13/1979	19:23	5	10	11	3800			FS	30
1979	980967	21	4	11/13/1979	19:56	6	10	10.5	7400			FS	30
1979	980969	22	4	11/13/1979	20:18	5	10	9.2	6050			FS	30
1979	980970	23	4	11/13/1979	20:35	5	10	10.7	3650			FS	30
1979	980971	23	4	11/13/1979	20:42	6	10	10.4	6450			FS	30
1979	980972	23	5	11/13/1979	21:18	4	10	10.7	3650			FS	30
1979	980974	23	5	11/13/1979	21:36	5	10	10.4	4200			FS	30
1979	980975	24	5	11/13/1979	21:45	4	10	10.2	4350			FS	30
1979	980976	24	5	11/13/1979	21:55	9	10	7.5	18500			FS	30
1979	980977	24	4	11/13/1979	22:05	5	15	10	4650			FS	30
1979	980978	25	4	11/13/1979	22:15	5	10	10.5	2500			FS	30
1979	980979	25	5	11/13/1979	22:25	5	10	10.5	3450			FS	30
1979	980980	25	5	11/13/1979	22:35	14	10	6.3	25500			FS	30
1979	980981	26	6	11/13/1979	22:46	5	10	10.4	4750			FS	30
1979	980982	26	6	11/13/1979	22:57	6	10	10	5000			FS	30

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	980983	25	4	11/13/1979	23:05	5	10	10.5	3200			FS	30
1979	980984	26	4	11/13/1979	23:15	5	10	9.9	2850			FS	30
1979	980985	26	5	11/13/1979	23:24	9	10	9.6	6250			FS	30
1979	980986	26	4	11/13/1979	23:33	5	10	10	2800			FS	30
1979	980987	27	4	11/13/1979	23:50	5	10	10.3	2650			FS	30
1979	980988	27	4	11/14/1979	24:00:00	5	10	10.5	2500			FS	30
1979	980989	28	4	11/14/1979	0:11	5	10	9.9	3100			FS	30
1979	980990	28	5	11/14/1979	0:30	12	10	5.8	24000			FS	30
1979	980991	28	5	11/14/1979	0:40	4	10	10.1	2550			FS	30
1979	980992	29	4	11/14/1979	18:00	5	10	10.1	4000			FS	30
1979	980993	29	4	11/14/1979	18:09	4	10	10.2	4100			FS	30
1979	980994	29	4	11/14/1979	18:20	3	10	10.3	3650			FS	30
1979	980995	29	4	11/14/1979	18:30	4	10	10.5	3300			FS	30
1979	980996	29	4	11/14/1979	18:39	3	10	10.3	3400			FS	30
1979	980997	29	4	11/14/1979	18:53	5	10	10.3	4050			FS	30
1979	980998	30	4	11/14/1979	19:03	6	10	10.3	3800			FS	30
1979	980999	29	5	11/14/1979	19:14	9	10	9.5	8850			FS	30
1979	981000	29	5	11/14/1979	19:24	4	10	10.3	3750			FS	30
1979	981001	30	4	11/14/1979	19:33	5	10	10.5	3650			FS	30
1979	981002	30	4	11/14/1979	19:43	5	10	10.5	3550			FS	30
1979	981003	30	4	11/14/1979	20:01	6	10	10.3	3700			FS	30
1979	981004	30	4	11/14/1979	20:10	5	10	10.7	3750			FS	30
1979	981005	31	4	11/14/1979	20:25	4	10	10.4	3400			FS	30
1979	981006	31	5	11/14/1979	20:35	4	10	10.2	4350			FS	30
1979	981007	30	6	11/14/1979	20:48	3	10	10.3	3250			FS	30
1979	981008	30	6	11/14/1979	20:58	5	10	10.5	3350			FS	30
1979	981009	30	6	11/14/1979	21:07	3	10	10.1	3450			FS	30
1979	981010	31	6	11/14/1979	22:02	3	10	10.1	3300			FS	30
1979	981011	31	5	11/14/1979	22:10	8	10	9.9	4600			FS	30
1979	981012	31	5	11/14/1979	22:19	4	10	10.7	3650			FS	30
1979	981013	31	5	11/14/1979	22:29	0	10		4000			FS	30
1979	981014	32	5	11/14/1979	22:35	9	10	9.2	13000			FS	30
1979	981015	32	5	11/14/1979	22:45	9	10	8.1	17000			FS	30
1979	981016	33	5	11/14/1979	22:55	4	9	11.1	3200			FS	30
1979	981017	33	6	11/14/1979	23:04	5	9.5	11.3	3200			FS	30
1979	981018	33	6	11/14/1979	23:13	5	9.5	10.4	4950			FS	30
1979	981019	32	6	11/14/1979	23:24	6	9.5	10.6	4850			FS	30
1979	981020	32	6	11/14/1979	23:31	3	9.5	10.7	4050			FS	30
1979	981021	35	5	11/14/1979	23:57	11	10	9.3	4350			FS	30
1979	981022	35	5	11/15/1979	0:05	11	10	9.3	4850			FS	30
1979	981023	35	6	11/15/1979	0:15	5	10	9.3	4350			FS	30
1979	981024	36	4	11/15/1979	0:26	5	10	10.5	3900			FS	30
1979	981025	39	6	11/15/1979	17:12	5	9	10.3	4450			FS	30
1979	981026	39	6	11/15/1979	17:20	4	9	10.8	4550			FS	30
1979	981027	39	5	11/15/1979	17:29	0	10		4100			FS	30
1979	981028	39	5	11/15/1979	17:46	4	9	10.6	3950			FS	30
1979	981029	40	5	11/15/1979	17:56	15	9.5	9.8	6650			FS	30
1979	981030	40	4	11/15/1979	18:05	5	9.5	10.2	4050			FS	30
1979	981031	41	4	11/15/1979	18:25	6	9.5	9.9	3450			FS	30
1979	981032	40	5	11/15/1979	18:34	21	9	9	6550			FS	30
1979	981034	40	5	11/15/1979	18:49	12	9	9.7	4000			FS	30
1979	981035	41	5	11/15/1979	19:00	4	9.5	9.7	3100			FS	30
1979	981036	42	5	11/15/1979	19:08	15	10	8.5	8950			FS	30
1979	981037	42	4	11/15/1979	19:20	6	10	9.9	3600			FS	30
1979	981038	42	4	11/15/1979	19:30	4	10	10.3	3150			FS	30
1979	981039	46	5	11/15/1979	19:55	12	10	9.6	4950			FS	30
1979	981040	138	5	11/26/1979	22:11	0	9		180			FS	31
1979	981041	135	5	11/26/1979	22:40	14	9	9.6	180			FS	31
1979	981042	134	5	11/26/1979	22:55	14	9	9.8	200			FS	31

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	981043	133	5	11/26/1979	23:06	14	9	9.8	200			FS	31
1979	981044	128	5	11/26/1979	23:45	13	9	10.4	180			FS	31
1979	981045	127	5	11/26/1979	23:56	12	9	10.2	180			FS	31
1979	981046	126	5	11/27/1979	0:12	14	8.5	10.2	180			FS	31
1979	981048	124	5	11/27/1979	0:45	13	8	10.2	185			FS	31
1979	981049	122	5	11/27/1979	1:03	13	8.5	10.2	180			FS	31
1979	981050	122	5	11/27/1979	1:35	13	8	9.8	180			FS	31
1979	981051	122	5	11/27/1979	1:50	12	8	9.8	180			FS	31
1979	981052	119	5	11/27/1979	2:12	12	8	9.6	180			FS	31
1979	981053	119	5	11/27/1979	2:25	0	8		180			FS	31
1979	981054	118	5	11/27/1979	2:40	3	8	9.6	180			FS	31
1979	981055	117	5	11/27/1979	3:00	14	8	9.8	180			FS	31
1979	981056	115	5	11/27/1979	3:19	15	8	9.6	185			FS	31
1979	981057	114	5	11/27/1979	3:38	9	8	9.6	180			FS	31
1979	981058	114	5	11/27/1979	3:49	3	8.5	9.8	180			FS	31
1979	981059	113	5	11/27/1979	3:59	3	8.5	9	180			FS	31
1979	981060	113	5	11/27/1979	4:09	0	8.5		180			FS	31
1979	981061	111	5	11/27/1979	21:45	15	9		180			FS	31
1979	981062	110	5	11/27/1979	22:00	3	8.5	9.8	180			FS	31
1979	981063	109	5	11/27/1979	22:15	11	9	9.6	180			FS	31
1979	981064	109	5	11/27/1979	22:26	9	8.5	10.6	180			FS	31
1979	981065	108	5	11/27/1979	22:43	13	8.5	10.4	180			FS	31
1979	981066	108	5	11/27/1979	22:56	3	8	10.4	180			FS	31
1979	981067	107	5	11/27/1979	23:10	8	8	9.6	180			FS	31
1979	981068	107	5	11/27/1979	23:20	8	8	9.6	180			FS	31
1979	981069	106	5	11/27/1979	23:36	5	8	8.6	180			FS	31
1979	981070	106	5	11/27/1979	23:48	4	8	9.6	180			FS	31
1979	981071	106	5	11/27/1979	23:58	3	8		180			FS	31
1979	981072	103	5	11/28/1979	0:20	14	8	9.6	175			FS	31
1979	981073	102	5	11/28/1979	0:37	14	8.5	9.4	175			FS	31
1979	981074	99	5	11/28/1979	1:03	15	8.5	9.9	165			FS	31
1979	981075	98	5	11/28/1979	1:16	3	8	10	165			FS	31
1979	981076	97	5	11/28/1979	1:34	7	8	10.2	160			FS	31
1979	981077	97	5	11/28/1979	1:45	3	8		160			FS	31
1979	981078	97	5	11/28/1979	2:07	12	8	10.4	160			FS	31
1979	981079	96	5	11/28/1979	2:16	12	8	10.8	160			FS	31
1979	981080	96	5	11/28/1979	2:30	12	8	10.2	160			FS	31
1979	981081	96	5	11/28/1979	2:35	12	8		160			FS	31
1979	981082	95	5	11/28/1979	2:52	3	8		160			FS	31
1979	981083	94	5	11/28/1979	3:06	12	8	10.8	160			FS	31
1979	981084	94	5	11/28/1979	3:15	11	8		160			FS	31
1979	981085	93	5	11/28/1979	3:24	3	8	10.2	160			FS	31
1979	981086	94	5	11/28/1979	3:31	3	8	10.4	165			FS	31
1979	981087	92	5	11/28/1979	3:50	9	8	10.6	170			FS	31
1979	981088	93	5	11/28/1979	4:04	3	8	10.2	170			FS	31
1979	981089	93	5	11/28/1979	4:13	9	8	10.4	165			FS	31
1979	981090	95	5	11/28/1979	4:23	13	8	10.4	160			FS	31
1979	981091	95	5	11/28/1979	4:30	14	8	10.3	165			FS	31
1979	981092	90	5	11/28/1979	23:30	3	8	9.8	165			FS	31
1979	981093	90	5	11/28/1979	23:40	0	8		165			FS	31
1979	981094	90	5	11/28/1979	23:52	0	8.5		165			FS	31
1979	981095	89	5	11/29/1979	0:04	14	8.5	10.2	165			FS	31
1979	981096	88	5	11/29/1979	0:15	3	8	10	165			FS	31
1979	981097	88	5	11/29/1979	0:30	0	8.5		165			FS	31
1979	981098	87	5	11/29/1979	0:41	0	8.5		165			FS	31
1979	981099	87	5	11/29/1979	0:52	3	8	10.2	165			FS	31
1979	981100	86	5	11/29/1979	1:03	3	8.5		165			FS	31
1979	981101	86	5	11/29/1979	1:16	0	8.5		165			FS	31
1979	981102	85	5	11/29/1979	1:34	0	8.5		165			FS	31

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	981103	84	5	11/29/1979	1:46	0	8.5		175			FS	31
1979	981104	83	5	11/29/1979	2:02	0	8		175			FS	31
1979	981105	81	5	11/29/1979	2:20	4	8	10	175			FS	31
1979	981106	80	5	11/29/1979	2:30	6	8	10.2	175			FS	31
1979	981107	79	5	11/29/1979	2:42	0	8		180			FS	31
1979	981109	79	5	11/29/1979	3:04	0	8		175			FS	31
1979	981110	77	5	11/29/1979	3:24	12	7	9.9	175			FS	31
1979	981111	77	5	11/29/1979	3:34	7	8	10	175			FS	31
1979	981112	77	5	11/29/1979	3:43	0	8		175			FS	31
1979	981113	76	5	11/29/1979	3:55	0	8		175			FS	31
1979	981114	75	5	11/29/1979	4:08	0	8		175			FS	31
1979	981115	75	5	11/29/1979	4:16	6	7		180			FS	31
1979	981116	71	5	11/29/1979	4:20	0	8		180			FS	31
1979	981117	70	5	11/29/1979	4:49	5	7	10.2	180			FS	31
1979	981118	69	5	11/29/1979	5:07	5	7	10	185			FS	31
1979	981119	68	5	11/29/1979	5:15	0	8		185			FS	31
1979	981120	66	5	11/29/1979	5:32	0	8		185			FS	31
1979	981121	61	5	11/29/1979	6:12	3	7	9.8	200			FS	31
1979	981122	60	5	11/29/1979	19:43	0	8		200			FS	31
1979	981123	60	5	11/29/1979	19:55	3	7	10.8	200			FS	31
1979	981124	59	5	11/29/1979	20:02	0	7.5		200			FS	31
1979	981125	59	6	11/29/1979	20:11	0	7.5		200			FS	31
1979	981126	59	5	11/29/1979	20:19	3	7	10.6	210			FS	31
1979	981127	58	5	11/29/1979	20:26	0	7.5		200			FS	31
1979	981128	58	6	11/29/1979	20:35	0	7.5		200			FS	31
1979	981129	56	5	11/29/1979	20:52	0	7.5		200			FS	31
1979	981130	56	5	11/29/1979	21:07	0	7.5		200			FS	31
1979	981131	57	6	11/29/1979	21:16	0	7.5		200			FS	31
1979	981132	56	6	11/29/1979	21:22	0	7.5		200			FS	31
1979	981133	56	6	11/29/1979	21:30	0	7.5		200			FS	31
1979	981142	112	5	12/11/1979	1:23	0	3		170			FS	32
1979	981143	112	5	12/11/1979	1:30	0	3		170			FS	32
1979	981144	113	5	12/11/1979	1:42	0	3		170			FS	32
1979	981145	114	5	12/11/1979	1:54	0	3		170			FS	32
1979	981146	114	5	12/11/1979	2:02	0	3		170			FS	32
1979	981147	115	5	12/11/1979	2:34	0	3		165			FS	32
1979	981148	116	5	12/11/1979	2:47	0	3		170			FS	32
1979	981149	118	5	12/11/1979	3:03	0	3		170			FS	32
1979	981150	118	5	12/11/1979	3:12	0	3		170			FS	32
1979	981151	119	5	12/11/1979	3:19	0	3		170			FS	32
1979	981152	119	5	12/11/1979	3:26	0	3		170			FS	32
1979	981153	121	5	12/11/1979	3:40	0	3		170			FS	32
1979	981154	121	5	12/11/1979	3:47	0	3		170			FS	32
1979	981155	122	5	12/11/1979	3:56	0	3		170			FS	32
1979	981156	111	5	12/11/1979	21:00	0	4		170			FS	32
1979	981157	109	5	12/11/1979	21:16	0	4		170			FS	32
1979	981158	109	5	12/11/1979	21:28	0	5		175			FS	32
1979	981159	108	5	12/11/1979	21:36	0	3.5		170			FS	32
1979	981160	108	5	12/11/1979	21:50	0	3.5		170			FS	32
1979	981161	108	5	12/11/1979	22:00	0	3.5		175			FS	32
1979	981162	107	5	12/11/1979	22:13	0	3.5		170			FS	32
1979	981163	106	5	12/11/1979	22:27	0	3.5		170			FS	32
1979	981164	106	5	12/11/1979	22:35	0	3.5		170			FS	32
1979	981165	104	5	12/11/1979	22:50	0	3.5		170			FS	32
1979	981166	103	5	12/11/1979	23:04	0	4		165			FS	32
1979	981167	103	5	12/11/1979	23:15	0	3.5		165			FS	32
1979	981168	101	5	12/11/1979	23:33	0	3.5		160			FS	32
1979	981169	99	5	12/11/1979	23:49	0	4		160			FS	32
1979	981170	99	5	12/11/1979	23:59	0	4		160			FS	32

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	981171	98	5	12/12/1979	0:11	0	3.5		160			FS	32
1979	981172	98	5	12/12/1979	0:21	0	3.5		160			FS	32
1979	981173	98	5	12/12/1979	0:29	0	3.5		160			FS	32
1979	981174	98	5	12/12/1979	0:37	0	4		185			FS	32
1979	981175	96	5	12/12/1979	0:52	0	4		170			FS	32
1979	981176	95	5	12/12/1979	1:08	0	4		165			FS	32
1979	981177	95	5	12/12/1979	1:16	0	4		170			FS	32
1979	981178	94	5	12/12/1979	1:39	0	4		165			FS	32
1979	981179	94	5	12/12/1979	1:51	0	4		160			FS	32
1979	981180	94	5	12/12/1979	2:00	0	4		160			FS	32
1979	981181	92	5	12/12/1979	2:18	0	4		165			FS	32
1979	981182	92	5	12/12/1979	2:30	0	4		180			FS	32
1979	981183	90	5	12/12/1979	4:23	0	4		180			FS	32
1979	981184	90	5	12/12/1979	4:32	0	4		155			FS	32
1979	981185	89	5	12/12/1979	4:40	0	4		150			FS	32
1979	981186	90	5	12/12/1979	4:50	0	4		155			FS	32
1979	981187	89	5	12/12/1979	4:58	0	4		155			FS	32
1979	981188	89	5	12/12/1979	5:07	0	4		155			FS	32
1979	981189	88	5	12/12/1979	5:40	0	4		160			FS	32
1979	981190	88	5	12/12/1979	5:48	0	4		145			FS	32
1979	981191	87	5	12/12/1979	5:56	0	4		140			FS	32
1979	981192	87	5	12/12/1979	6:06	0	4		145			FS	32
1979	981193	86	5	12/12/1979	21:56	0	4.5		140			FS	32
1979	981194	86	5	12/12/1979	22:07	0	4		140			FS	32
1979	981195	86	5	12/12/1979	22:17	0	4		140			FS	32
1979	981196	84	5	12/12/1979	22:29	0	4		140			FS	32
1979	981197	83	5	12/12/1979	22:40	0	4		140			FS	32
1979	981198	82	5	12/12/1979	22:48	0	4		140			FS	32
1979	981199	82	5	12/12/1979	22:55	0	4		140			FS	32
1979	981201	80	5	12/12/1979	23:18	0	4.5		140			FS	32
1979	981202	78	5	12/12/1979	23:27	0	4.5		140			FS	32
1979	981203	77	5	12/12/1979	23:37	0	4.5		145			FS	32
1979	981204	77	5	12/12/1979	23:45	0	4.5		145			FS	32
1979	981205	77	5	12/12/1979	23:52	0	4.5		145			FS	32
1979	981206	77	5	12/13/1979	0:01	0	5		145			FS	32
1979	981207	74	5	12/13/1979	0:13	0	5		155			FS	32
1979	981208	73	5	12/13/1979	0:22	0	5		155			FS	32
1979	981209	73	5	12/13/1979	0:30	0	5		150			FS	32
1979	981210	71	5	12/13/1979	0:43	0	5		160			FS	32
1979	981211	66	5	12/13/1979	1:18	0	5.5		175			FS	32
1979	981212	64	5	12/13/1979	1:28	0	5.5		175			FS	32
1979	981213	64	5	12/13/1979	1:36	0	6		185			FS	32
1979	981214	62	5	12/13/1979	1:48	0	6		190			FS	32
1979	981215	61	6	12/13/1979	2:01	0	6.5		195			FS	32
1979	981216	60	5	12/13/1979	2:08	0	6		190			FS	32
1979	981217	59	5	12/13/1979	2:18	0	6		190			FS	32
1979	981218	59	5	12/13/1979	2:25	0	6		190			FS	32
1979	981219	58	5	12/13/1979	2:32	0	6		190			FS	32
1979	981220	58	5	12/13/1979	2:41	0	6.5		190			FS	32
1979	981221	58	5	12/13/1979	2:48	0	6.5		190			FS	32
1979	981222	58	6	12/13/1979	3:00	0	6		195			FS	32
1979	981223	57	6	12/13/1979	3:06	0	6		195			FS	32
1979	981224	57	6	12/13/1979	3:12	0	6		200			FS	32
1979	981225	57	5	12/13/1979	3:20	0	6		190			FS	32
1979	981226	56	6	12/13/1979	3:30	0	6.5		190			FS	32
1979	981227	56	5	12/13/1979	3:41	0	6		190			FS	32
1979	981228	46	5	12/13/1979	17:34	0	6.5		180			FS	32
1979	981229	48	5	12/13/1979	17:54	0	6		175			FS	32
1979	981232	51	5	12/13/1979	18:33	0	6		180			FS	32

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	981233	51	5	12/13/1979	18:43	0	6		175			FS	32
1979	981234	52	5	12/13/1979	18:57	0	6		175			FS	32
1979	981235	53	5	12/13/1979	19:17	0	6		175			FS	32
1979	981236	54	5	12/13/1979	19:28	0	6		175			FS	32
1979	981237	54	5	12/13/1979	19:38	0	6		180			FS	32
1979	981238	54	5	12/13/1979	19:48	0	6		180			FS	32
1979	983001	136	5	7/9/1979	22:02	0	23		240			FS	18
1979	983003	131	5	7/9/1979	23:00	12	23.5	7.2	245			FS	18
1979	983004	129	5	7/9/1979	23:17	0	23.5		245			FS	18
1979	983005	127	5	7/9/1979	23:45	12	23	7.2	255			FS	18
1979	983006	127	5	7/9/1979	23:59	11	23	7.2	250			FS	18
1979	983007	126	5	7/10/1979	0:12	11	23	7.4	245			FS	18
1979	983008	125	5	7/10/1979	0:28	12	23	7.4	240			FS	18
1979	983009	125	5	7/10/1979	0:50	12	23	8.1	240			FS	18
1979	983010	120	5	7/10/1979	1:32	12	23	9	235			FS	18
1979	983011	119	5	7/10/1979	1:42	0	23		235			FS	18
1979	983012	119	5	7/10/1979	1:53	0	23		230			FS	18
1979	983013	117	5	7/10/1979	2:12	4	23	8.6	230			FS	18
1979	983014	117	5	7/10/1979	2:23	0	23		225			FS	18
1979	983015	117	5	7/10/1979	2:35	0	22.5		230			FS	18
1979	983016	115	5	7/10/1979	2:51	12	22.5	9.2	225			FS	18
1979	983017	114	5	7/10/1979	3:10	0	23		235			FS	18
1979	983018	112	5	7/10/1979	3:28	0	23		225			FS	18
1979	983019	112	5	7/10/1979	3:38	15	22	9.5	225			FS	18
1979	983020	112	5	7/10/1979	3:47	15	22	9.7	220			FS	18
1979	983021	111	5	7/10/1979	3:57	12	22	9.2	225			FS	18
1979	983022	110	5	7/10/1979	4:13	14	22	10	220			FS	18
1979	983023	109	5	7/10/1979	4:25	0	22.5		220			FS	18
1979	983024	109	5	7/10/1979	4:33	4	22	9.4	220			FS	18
1979	983025	109	5	7/10/1979	4:40	0	22		225			FS	18
1979	983026	109	5	7/10/1979	21:01	0	23.5		230			FS	18
1979	983027	108	5	7/10/1979	21:12	0	23		230			FS	18
1979	983028	108	5	7/10/1979	21:21	8	22	8.3	225			FS	18
1979	983029	107	5	7/10/1979	21:35	0	22.5		225			FS	18
1979	983030	107	5	7/10/1979	21:45	8	22	8.2	225			FS	18
1979	983031	106	5	7/10/1979	22:29	14	22	8.4	225			FS	18
1979	983032	105	5	7/10/1979	22:41	0	22.5		225			FS	18
1979	983033	102	5	7/10/1979	23:08	17	22	8.4	360			FS	18
1979	983034	101	5	7/10/1979	23:23	18	22	8.3	335			FS	18
1979	983035	101	5	7/10/1979	23:33	0	22		295			FS	18
1979	983036	100	5	7/10/1979	23:47	0	22.5		295			FS	18
1979	983037	98	5	7/11/1979	0:08	11	22	8.1	300			FS	18
1979	983038	97	5	7/11/1979	0:20	4	22	8.6	311			FS	18
1979	983039	97	5	7/11/1979	0:28	0	22		300			FS	18
1979	983040	95	6	7/11/1979	0:40	11	22	8.2	260			FS	18
1979	983041	96	5	7/11/1979	0:48	0	22.5		280			FS	18
1979	983042	96	5	7/11/1979	1:03	0	22.5		260			FS	18
1979	983043	97	5	7/11/1979	1:21	0	22.5		255			FS	18
1979	983044	96	5	7/11/1979	1:32	0	22.5		245			FS	18
1979	983045	96	5	7/11/1979	1:42	0	22.5		230			FS	18
1979	983046	95	5	7/11/1979	1:48	0	22.5		260			FS	18
1979	983047	95	5	7/11/1979	1:58	0	22.5		250			FS	18
1979	983048	94	5	7/11/1979	2:14	0	22.5		230			FS	18
1979	983049	93	5	7/11/1979	2:23	0	22.5		225			FS	18
1979	983050	93	5	7/11/1979	2:33	0	22.5		220			FS	18
1979	983051	93	5	7/11/1979	2:41	0	22.5		225			FS	18
1979	983052	92	5	7/11/1979	2:52	0	22.5		220			FS	18
1979	983053	92	5	7/11/1979	3:00	0	22.5		220			FS	18
1979	983054	92	5	7/11/1979	3:11	0	22.5		225			FS	18

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983055	92	5	7/11/1979	3:23	0	22.5		225			FS	18
1979	983057	90	5	7/11/1979	21:00	0	23.5		230			FS	18
1979	983058	89	5	7/11/1979	21:10	0	22.5		225			FS	18
1979	983059	89	5	7/11/1979	21:20	0	22.5		250			FS	18
1979	983060	89	5	7/11/1979	21:29	0	22.5		230			FS	18
1979	983061	88	5	7/11/1979	21:38	0	22.5		240			FS	18
1979	983062	87	5	7/11/1979	21:51	0	22.5		260			FS	18
1979	983063	87	5	7/11/1979	22:07	0	22.5		220			FS	18
1979	983064	86	5	7/11/1979	22:22	0	22.5		220			FS	18
1979	983065	85	5	7/11/1979	22:33	0	23		200			FS	18
1979	983066	84	5	7/11/1979	22:43	0	23		200			FS	18
1979	983067	84	5	7/11/1979	22:58	0	23		200			FS	18
1979	983068	83	5	7/11/1979	23:13	0	23		200			FS	18
1979	983069	83	5	7/11/1979	23:21	0	22.5		200			FS	18
1979	983070	82	5	7/11/1979	23:30	0	23		200			FS	18
1979	983071	81	5	7/11/1979	23:43	0	23		200			FS	18
1979	983072	79	5	7/12/1979	0:01	0	23		195			FS	18
1979	983073	77	5	7/12/1979	0:17	0	23		190			FS	18
1979	983074	77	5	7/12/1979	0:24	0	23		190			FS	18
1979	983075	73	5	7/12/1979	1:00	0	23		180			FS	18
1979	983076	72	5	7/12/1979	1:11	0	23		190			FS	18
1979	983077	72	5	7/12/1979	1:18	0	23		180			FS	18
1979	983078	67	5	7/12/1979	2:04	0	23		185			FS	18
1979	983079	63	5	7/12/1979	2:37	0	23		260			FS	18
1979	983080	63	5	7/12/1979	2:46	0	23		230			FS	18
1979	983081	62	5	7/12/1979	2:59	0	23		240			FS	18
1979	983082	62	5	7/12/1979	3:08	0	23		360			FS	18
1979	983083	61	5	7/12/1979	3:18	0	23		400			FS	18
1979	983084	61	5	7/12/1979	3:25	0	23		450			FS	18
1979	983085	59	5	7/12/1979	3:37	0	23		780			FS	18
1979	983086	59	5	7/12/1979	3:46	0	23		800			FS	18
1979	983087	57	5	7/12/1979	4:04	0	22.5		1150			FS	18
1979	983088	57	5	7/12/1979	4:11	0	22.5		1150			FS	18
1979	983089	57	6	7/12/1979	4:24	0	23		480			FS	18
1979	983091	56	6	7/12/1979	4:40	0	22.5		715			FS	18
1979	983092	56	6	7/12/1979	4:47	0	23		695			FS	18
1979	983093	56	5	7/12/1979	4:56	0	22.5		970			FS	18
1979	983094	56	5	7/12/1979	21:00	0	23		565			FS	18
1979	983095	56	6	7/12/1979	21:08	0	23		545			FS	18
1979	983096	56	6	7/12/1979	21:16	0	23		550			FS	18
1979	983097	55	5	7/12/1979	21:32	0	24		420			FS	18
1979	983098	54	5	7/12/1979	21:40	0	24		435			FS	18
1979	983099	54	5	7/12/1979	21:51	0	24		440			FS	18
1979	983100	54	5	7/12/1979	22:00	0	24		440			FS	18
1979	983101	53	5	7/12/1979	22:17	0	24		650			FS	18
1979	983102	52	5	7/12/1979	22:33	0	24		880			FS	18
1979	983103	51	5	7/12/1979	22:44	0	23		885			FS	18
1979	983104	47	5	7/12/1979	23:33	0	22.5		1600			FS	18
1979	983105	47	5	7/12/1979	23:43	0	22.5		1800			FS	18
1979	983107	136	5	7/23/1979	21:50	11	27	6.1	360			FS	20
1979	983108	136	5	7/23/1979	22:00	11	26.5	6	345			FS	20
1979	983109	133	5	7/23/1979	22:45	0	26.8		315			FS	20
1979	983111	130	5	7/23/1979	23:25	0	26.3		300			FS	20
1979	983112	130	5	7/23/1979	23:40	11	26.3	5.7	445			FS	20
1979	983113	132	5	7/24/1979	0:25	0	26.3		325			FS	20
1979	983114	128	5	7/24/1979	1:05	11	26.3	5.4	280			FS	20
1979	983115	127	5	7/24/1979	1:20	11	26.3	5.6	345			FS	20
1979	983116	124	5	7/24/1979	2:05	12	26.4	6.8	300			FS	20
1979	983117	121	5	7/24/1979	2:55	0	26.3		315			FS	20

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1979	983118	120	5	7/24/1979	3:10	14	26.2	7.4	360			FS	20
1979	983119	119	5	7/24/1979	3:30	12	26.4	7.7	475			FS	20
1979	983120	119	5	7/24/1979	3:40	4	26.2	7.8	280			FS	20
1979	983121	119	5	7/24/1979	3:50	0	26.3		300			FS	20
1979	983122	116	5	7/24/1979	4:20	0	26.1		240			FS	20
1979	983123	114	5	7/24/1979	4:35	14	25.8	8.1	340			FS	20
1979	983124	114	5	7/24/1979	4:50	12	25.8	8	520			FS	20
1979	983125	114	5	7/24/1979	21:03	12	26.5	7.8	260			FS	20
1979	983126	113	5	7/24/1979	21:13	12	26.5	7.9	480			FS	20
1979	983127	110	5	7/24/1979	21:42	11	26	8.2	380			FS	20
1979	983129	110	5	7/24/1979	22:10	0	27		400			FS	20
1979	983130	109	5	7/24/1979	22:25	3	26.2	8	490			FS	20
1979	983131	108	5	7/24/1979	22:47	8	27		410			FS	20
1979	983133	108	5	7/24/1979	23:09	3	26.2	7.8	370			FS	20
1979	983134	108	5	7/24/1979	23:32	11	26.8	7.8	355			FS	20
1979	983135	108	5	7/24/1979	23:46	11	26.5	7.8	420			FS	20
1979	983137	108	5	7/25/1979	1:35	9	26	8	355			FS	20
1979	983138	107	5	7/25/1979	1:52	8	25.8	8.2	440			FS	20
1979	983139	106	5	7/25/1979	2:13	4	25.8	8.6	380			FS	20
1979	983140	106	5	7/25/1979	2:25	11	25.7	8.4	550			FS	20
1979	983141	104	5	7/25/1979	2:48	0	26		535			FS	20
1979	983142	104	5	7/25/1979	3:00	0	26		230			FS	20
1979	983143	103	5	7/25/1979	3:18	0	26		230			FS	20
1979	983144	101	5	7/25/1979	3:49	0	26.5		225			FS	20
1979	983145	101	5	7/25/1979	4:00	3	26	8.4	220			FS	20
1979	983146	100	5	7/25/1979	4:09	15	26	8.4	230			FS	20
1979	983147	99	5	7/25/1979	4:28	0	26.2		230			FS	20
1979	983148	98	5	7/25/1979	4:38	14	26	8.8	230			FS	20
1979	983149	98	5	7/25/1979	4:48	3	26	8.2	225			FS	20
1979	983150	97	5	7/25/1979	4:56	15	26	8.4	225			FS	20
1979	983151	92	5	7/25/1979	21:00	0	26.2		230			FS	20
1979	983152	92	5	7/25/1979	21:10	0	26.2		230			FS	20
1979	983153	92	5	7/25/1979	21:20	8	26.3	9	225			FS	20
1979	983154	93	5	7/25/1979	21:30	9	26.5	9.4	225			FS	20
1979	983155	93	5	7/25/1979	21:40	9	26.2	9.4	225			FS	20
1979	983156	95	5	7/25/1979	22:00	0	26.3		230			FS	20
1979	983157	95	5	7/25/1979	22:10	0	26.1		225			FS	20
1979	983158	96	5	7/25/1979	22:25	0	26.5		230			FS	20
1979	983159	97	5	7/25/1979	22:35	0	26.2		240			FS	20
1979	983160	96	5	7/25/1979	22:55	0	26.3		235			FS	20
1979	983161	96	5	7/25/1979	23:10	0	26.5		230			FS	20
1979	983162	92	5	7/25/1979	23:45	12	27.2	8.8	230			FS	20
1979	983163	92	5	7/25/1979	23:53	0	26.6		235			FS	20
1979	983164	91	5	7/26/1979	0:05	3	26.5	9.2	240			FS	20
1979	983165	91	5	7/26/1979	0:15	0	26.2		245			FS	20
1979	983166	91	5	7/26/1979	0:23	0	26.2		240			FS	20
1979	983167	91	5	7/26/1979	0:30	18	26.8		245			FS	20
1979	983168	89	5	7/26/1979	0:50	0	26.8	8.9	240			FS	20
1979	983169	88	5	7/26/1979	1:00	0	26.4		230			FS	20
1979	983170	88	5	7/26/1979	1:12	7	26.1	8.6	230			FS	20
1979	983171	88	5	7/26/1979	1:22	0	26.2		230			FS	20
1979	983172	84	5	7/26/1979	1:55	0	26		220			FS	20
1979	983173	83	5	7/26/1979	2:15	0	26		225			FS	20
1979	983174	82	5	7/26/1979	2:40	0	25.9		220			FS	20
1979	983175	81	5	7/26/1979	2:50	0	26		200			FS	20
1979	983176	80	5	7/26/1979	3:15	0	26.3		200			FS	20
1979	983177	79	5	7/26/1979	3:30	0	25.3		200			FS	20
1979	983178	77	5	7/26/1979	3:50	0	26.2		200			FS	20
1979	983179	77	5	7/26/1979	4:00	0	25.8		200			FS	20

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983180	77	5	7/26/1979	4:13	0	25.9		195			FS	20
1979	983181	77	5	7/26/1979	4:25	0	25.8		195			FS	20
1979	983182	76	5	7/26/1979	4:33	0	25.4		220			FS	20
1979	983183	74	5	7/26/1979	4:54	0	25.8		220			FS	20
1979	983184	66	5	7/26/1979	21:01	11	27	7.2	220			FS	20
1979	983185	67	5	7/26/1979	21:21	17	27.2	7.8	205			FS	20
1979	983186	69	5	7/26/1979	21:37	0	27		200			FS	20
1979	983187	72	5	7/26/1979	22:06	5	27.5	7	205			FS	20
1979	983188	64	5	7/26/1979	23:01	17	27	7.6	210			FS	20
1979	983189	63	5	7/26/1979	23:18	13	26.8	8	205			FS	20
1979	983190	61	5	7/26/1979	23:35	12	27.2	8	215			FS	20
1979	983191	61	5	7/26/1979	23:49	9	27.2	8.2	260			FS	20
1979	983192	61	5	7/27/1979	0:02	3	26.3	7.8	225			FS	20
1979	983193	60	5	7/27/1979	0:12	3	26.3	8	235			FS	20
1979	983194	60	5	7/27/1979	0:29	0	26.5		280			FS	20
1979	983195	59	6	7/27/1979	1:07	0	26.5		400			FS	20
1979	983196	58	6	7/27/1979	1:16	5	25.8	7.7	445			FS	20
1979	983197	58	5	7/27/1979	1:40	11	25.8	8	410			FS	20
1979	983198	59	5	7/27/1979	1:51	4	26	7.7	300			FS	20
1979	983199	57	4	7/27/1979	2:09	6	25.6	7.4	615			FS	20
1979	983200	57	6	7/27/1979	2:27	5	25.8	7.6	700			FS	20
1979	983201	56	6	7/27/1979	2:38	5	25.7	7.6	720			FS	20
1979	983202	56	5	7/27/1979	2:49	21	25.5	7	920			FS	20
1979	983203	53	5	7/27/1979	3:06	5	25.7	7.4	920			FS	20
1979	983204	53	5	7/27/1979	3:17	12	25.8	7.2	960			FS	20
1979	983205	52	5	7/27/1979	3:46	52	25.5	6.6	1800			FS	20
1979	983206	52	5	7/27/1979	4:00	52	25.2	7.6	1550			FS	20
1979	983207	52	5	7/27/1979	4:14	17	25.5	6.8	1600			FS	20
1979	983208	134	5	8/6/1979	21:20	11	27.5	5.6	205			FS	22
1979	983209	133	5	8/6/1979	21:33	0	27.5		205			FS	22
1979	983210	129	5	8/6/1979	22:09	11	28	5.8	210			FS	22
1979	983211	130	5	8/6/1979	22:19	11	28	6.6	215			FS	22
1979	983212	127	5	8/6/1979	22:38	11	27.5	8.2	210			FS	22
1979	983213	127	5	8/6/1979	22:48	11	27.5	9.8	210			FS	22
1979	983214	126	5	8/6/1979	23:01	11	26.5	10	210			FS	22
1979	983215	125	5	8/6/1979	23:19	12	26.5	11	210			FS	22
1979	983216	124	5	8/6/1979	23:30	0	26		210			FS	22
1979	983217	122	5	8/6/1979	23:53	4	26	11	205			FS	22
1979	983218	121	5	8/7/1979	0:03	12	26	11.8	200			FS	22
1979	983219	120	5	8/7/1979	0:16	13	25.5	12.4	205			FS	22
1979	983220	119	5	8/7/1979	0:28	4	25.5	11.6	205			FS	22
1979	983221	119	5	8/7/1979	0:36	12	25.5	12.2	205			FS	22
1979	983222	115	5	8/7/1979	1:08	14	26.5	7.4	210			FS	22
1979	983223	115	5	8/7/1979	1:15	4	26.5	7.8	210			FS	22
1979	983224	114	5	8/7/1979	1:27	11	26.5	7.6	210			FS	22
1979	983225	114	5	8/7/1979	1:35	12	26.5	9.2	210			FS	22
1979	983226	113	5	8/7/1979	1:50	0	26.5		215			FS	22
1979	983227	113	5	8/7/1979	2:00	0	25.5		215			FS	22
1979	983228	111	5	8/7/1979	2:16	15	25.5	11.2	215			FS	22
1979	983229	111	5	8/7/1979	2:24	19	26	10.8	210			FS	22
1979	983230	111	5	8/7/1979	2:33	16	26	11.2	210			FS	22
1979	983231	110	5	8/7/1979	2:46	13	25.5	12.2	210			FS	22
1979	983232	109	5	8/7/1979	2:59	12	26	11.8	210			FS	22
1979	983233	108	5	8/7/1979	3:08	11	26	11.8	210			FS	22
1979	983234	108	5	8/7/1979	3:16	8	25.5	12.2	210			FS	22
1979	983235	107	5	8/7/1979	3:26	12	25	12	210			FS	22
1979	983236	107	5	8/7/1979	3:35	18	24.5	13	210			FS	22
1979	983237	106	5	8/7/1979	3:48	0	24		210			FS	22
1979	983238	106	5	8/7/1979	3:56	0	25		210			FS	22

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983239	105	5	8/7/1979	21:15	15	27	10	210			FS	22
1979	983240	105	5	8/7/1979	21:25	15	27	10.4	210			FS	22
1979	983241	104	5	8/7/1979	21:34	14	27	10.2	220			FS	22
1979	983242	102	5	8/7/1979	21:51	13	26.5	9.4	220			FS	22
1979	983243	101	5	8/7/1979	22:02	9	26.5	9.6	220			FS	22
1979	983245	101	5	8/7/1979	22:18	4	26.5	9.6	220			FS	22
1979	983246	100	5	8/7/1979	22:38	10	26.5	9.4	215			FS	22
1979	983247	100	5	8/7/1979	22:53	9	26.5	10	220			FS	22
1979	983248	99	5	8/7/1979	23:05	18	26.5	9.4	225			FS	22
1979	983249	97	5	8/7/1979	23:24	4	26.5	10	215			FS	22
1979	983250	97	5	8/7/1979	23:35	4	26.5	9.8	220			FS	22
1979	983251	97	5	8/7/1979	23:44	5	26	10	215			FS	22
1979	983252	97	5	8/8/1979	23:54	9	26	10.4	215			FS	22
1979	983253	96	5	8/8/1979	0:06	12	26	9.8	215			FS	22
1979	983254	96	5	8/8/1979	0:19	18	26	9.4	215			FS	22
1979	983255	95	5	8/8/1979	0:30	10	26	8.8	215			FS	22
1979	983256	93	5	8/8/1979	0:45	0	26		220			FS	22
1979	983257	93	5	8/8/1979	0:57	11	26	7	220			FS	22
1979	983258	93	5	8/8/1979	1:05	4	26	7.4	220			FS	22
1979	983259	92	5	8/8/1979	1:14	7	26	8.3	220			FS	22
1979	983260	92	5	8/8/1979	1:24	8	26	7.9	225			FS	22
1979	983261	92	5	8/8/1979	1:33	8	26	8.4	215			FS	22
1979	983262	91	5	8/8/1979	1:42	4	26	8.4	220			FS	22
1979	983263	90	5	8/8/1979	1:56	4	26	8	215			FS	22
1979	983264	90	5	8/8/1979	2:06	4	26	9.2	215			FS	22
1979	983265	90	5	8/8/1979	2:18	7	26	8.2	210			FS	22
1979	983266	89	5	8/8/1979	2:26	0	26		215			FS	22
1979	983267	89	5	8/8/1979	2:38	13	26	6.4	215			FS	22
1979	983268	88	5	8/8/1979	2:52	4	26	6.4	215			FS	22
1979	983269	87	5	8/8/1979	3:03	13	26	6.8	215			FS	22
1979	983270	86	5	8/8/1979	3:20	17	26.5	4.4	215			FS	22
1979	983271	84	5	8/8/1979	21:30	13	30	4	220			FS	22
1979	983272	83	5	8/8/1979	21:40	15	30	4.4	215			FS	22
1979	983273	82	5	8/8/1979	21:50	15	2.9	5.8	215			FS	22
1979	983274	82	5	8/8/1979	21:59	15	29	6	215			FS	22
1979	983275	82	5	8/8/1979	22:07	0	28.5		220			FS	22
1979	983276	82	5	8/8/1979	22:15	5	29	6.8	215			FS	22
1979	983277	82	5	8/8/1979	22:22	17	28.5	6.8	215			FS	22
1979	983278	80	5	8/8/1979	22:43	20	29	6.9	215			FS	22
1979	983279	77	5	8/8/1979	23:19	4	29	4.2	210			FS	22
1979	983280	74	5	8/9/1979	0:46	20	27.5	7.8	205			FS	22
1979	983281	74	5	8/9/1979	0:54	18	27.5	6.4	205			FS	22
1979	983282	70	5	8/9/1979	1:31	14	29	3.2	195			FS	22
1979	983283	68	5	8/9/1979	1:48	12	28	5.6	205			FS	22
1979	983284	67	5	8/9/1979	1:57	11	27.5	7	205			FS	22
1979	983285	63	5	8/9/1979	2:27	14	29	4.4	270			FS	22
1979	983286	62	5	8/9/1979	2:38	4	28.5	4.6	270			FS	22
1979	983287	62	5	8/9/1979	2:48	8	27	6.8	455			FS	22
1979	983288	61	5	8/9/1979	2:59	4	27	7.5	560			FS	22
1979	983289	60	5	8/9/1979	3:13	13	27	7.2	1200			FS	22
1979	983290	58	5	8/9/1979	3:22	12	27	7	1250			FS	22
1979	983291	59	6	8/9/1979	3:33	4	27	7.2	625			FS	22
1979	983292	58	5	8/9/1979	3:43	12	26.5	7	1300			FS	22
1979	983293	58	5	8/9/1979	3:53	12	26.5	7.2	1300			FS	22
1979	983294	58	5	8/9/1979	4:00	0	26.5		985			FS	22
1979	983295	57	5	8/9/1979	4:10	12	26	8	1200			FS	22
1979	983296	57	4	8/9/1979	4:21	5	26	6.8	945			FS	22
1979	983297	57	5	8/9/1979	4:28	11	26	7.2	1750			FS	22
1979	983298	56	6	8/9/1979	20:47	2	27	4.4	790			FS	22

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983299	56	6	8/9/1979	20:55	3	27	8.4	755			FS	22
1979	983300	56	6	8/9/1979	21:05	3	27	9	770			FS	22
1979	983301	53	5	8/9/1979	21:33	5	27	6.2	790			FS	22
1979	983302	52	5	8/9/1979	21:45	0	27		985			FS	22
1979	983303	52	5	8/9/1979	22:00	40	27	8	1250			FS	22
1979	983304	51	5	8/9/1979	22:25	20	27	6.4	1650			FS	22
1979	983305	51	5	8/9/1979	22:33	20	27	7.4	1400			FS	22
1979	983306	49	5	8/9/1979	22:47	10	27	7	1900			FS	22
1979	983307	49	5	8/9/1979	23:03	17	27	6.6	2200			FS	22
1979	983308	47	5	8/9/1979	23:22	26	27.5	4.9	3350			FS	22
1979	983309	46	5	8/9/1979	23:40	9	27	6.9	3100			FS	22
1979	983310	137	5	8/20/1979	21:12	11	22	5.3	230			FS	24
1979	983311	136	5	8/20/1979	21:28	11	22	5	220			FS	24
1979	983312	135	5	8/20/1979	21:40	11	22	4.8	220			FS	24
1979	983313	134	5	8/20/1979	21:55	12	22	5.5	220			FS	24
1979	983314	134	5	8/20/1979	22:03	9	22	3.8	220			FS	24
1979	983315	132	5	8/20/1979	22:23	9	22	3.7	220			FS	24
1979	983316	130	5	8/20/1979	22:38	12	22.5	3.6	220			FS	24
1979	983317	128	5	8/20/1979	22:54	9	22.5	3.2	220			FS	24
1979	983318	124	5	8/20/1979	23:29	9	23.5	3.9	220			FS	24
1979	983319	123	5	8/20/1979	23:40	4	23	4	225			FS	24
1979	983320	123	5	8/20/1979	23:56	4	23	4.1	225			FS	24
1979	983321	121	5	8/21/1979	0:13	12	23	7.7	220			FS	24
1979	983322	121	5	8/21/1979	0:22	12	23	7.7	225			FS	24
1979	983323	118	5	8/21/1979	0:46	12	23.5	7.7	225			FS	24
1979	983324	116	5	8/21/1979	1:10	11	23	7.6	225			FS	24
1979	983325	114	5	8/21/1979	1:32	8	23	7.7	225			FS	24
1979	983326	113	5	8/21/1979	1:42	13	23	7.8	235			FS	24
1979	983327	113	5	8/21/1979	1:48	0	23		230			FS	24
1979	983328	112	5	8/21/1979	2:04	0	23		230			FS	24
1979	983329	112	5	8/21/1979	2:15	0	23		230			FS	24
1979	983330	110	5	8/21/1979	2:31	13	23	8.1	230			FS	24
1979	983331	110	5	8/21/1979	2:40	12	23	8.3	230			FS	24
1979	983332	109	5	8/21/1979	2:51	13	23	8.3	230			FS	24
1979	983333	109	5	8/21/1979	3:00	8	23	8.3	230			FS	24
1979	983334	108	5	8/21/1979	3:09	0	22.5		230			FS	24
1979	983335	108	5	8/21/1979	3:16	9	23	8.4	230			FS	24
1979	983336	108	5	8/21/1979	3:27	4	22.5	8.5	230			FS	24
1979	983337	107	5	8/21/1979	3:38	6	23	8.6	230			FS	24
1979	983338	107	5	8/21/1979	3:50	4	22.5	8.6	225			FS	24
1979	983339	106	5	8/21/1979	4:03	0	23		225			FS	24
1979	983340	105	5	8/21/1979	4:15	4	22.5	8.6	225			FS	24
1979	983341	103	5	8/21/1979	20:51	13	24	8.7	225			FS	24
1979	983342	101	5	8/21/1979	21:10	13	23.5	8.8	220			FS	24
1979	983343	100	5	8/21/1979	21:18	4	23	8.9	215			FS	24
1979	983344	100	5	8/21/1979	21:25	4	23	8.9	215			FS	24
1979	983345	100	5	8/21/1979	21:32	12	23	9	215			FS	24
1979	983346	98	5	8/21/1979	21:45	12	23	9.1	225			FS	24
1979	983347	98	5	8/21/1979	21:54	11	23	9.1	225			FS	24
1979	983348	97	5	8/21/1979	22:03	10	23	9.5	225			FS	24
1979	983349	97	5	8/21/1979	22:13	13	23	9.1	225			FS	24
1979	983350	97	5	8/21/1979	22:25	4	23	8.9	225			FS	24
1979	983351	96	5	8/21/1979	22:36	14	23	9.5	225			FS	24
1979	983352	96	5	8/21/1979	22:45	11	23	9.1	230			FS	24
1979	983353	96	5	8/21/1979	22:59	0	23		235			FS	24
1979	983354	96	5	8/21/1979	23:08	8	23	9.3	230			FS	24
1979	983355	95	5	8/21/1979	23:20	12	23	9.5	230			FS	24
1979	983356	95	5	8/21/1979	23:33	11	23	9.3	230			FS	24
1979	983357	92	5	8/22/1979	0:01	4	23	9.1	230			FS	24

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983358	92	5	8/22/1979	0:15	9	23	9	235			FS	24
1979	983359	92	5	8/22/1979	0:25	4	23	9	235			FS	24
1979	983360	92	5	8/22/1979	0:33	8	23	8.9	235			FS	24
1979	983361	91	5	8/22/1979	0:49	10	23.5	8.9	235			FS	24
1979	983362	90	5	8/22/1979	1:15	4	23	9.1	235			FS	24
1979	983363	90	5	8/22/1979	1:26	4	23	8.9	235			FS	24
1979	983364	89	5	8/22/1979	1:35	15	23.5	8.7	235			FS	24
1979	983365	89	5	8/22/1979	1:45	9	23.5	8.5	235			FS	24
1979	983366	89	5	8/22/1979	1:54	12	23.5	8.5	240			FS	24
1979	983367	88	5	8/22/1979	2:06	13	24	8.5	235			FS	24
1979	983368	88	5	8/22/1979	2:15	18	23.5	8.4	235			FS	24
1979	983369	87	5	8/22/1979	2:24	4	23.5	8.1	235			FS	24
1979	983370	86	5	8/22/1979	2:35	4	23.5	8.1	230			FS	24
1979	983371	86	5	8/22/1979	2:45	20	23.5	7.7	230			FS	24
1979	983372	85	5	8/22/1979	2:57	18	24	7.7	230			FS	24
1979	983373	84	5	8/22/1979	3:08	12	24	7.3	230			FS	24
1979	983374	84	5	8/22/1979	3:16	10	24	7.3	235			FS	24
1979	983375	84	5	8/22/1979	3:25	0	24		230			FS	24
1979	983376	84	5	8/22/1979	3:35	12	24	7.3	230			FS	24
1979	983377	84	5	8/22/1979	3:45	4	23.5	7.5	225			FS	24
1979	983378	81	5	8/22/1979	21:00	0	24.5		230			FS	24
1979	983379	80	5	8/22/1979	21:27	17	24	7.1	230			FS	24
1979	983380	79	5	8/22/1979	21:36	4	24	7.1	230			FS	24
1979	983381	77	5	8/22/1979	21:52	15	24	7.3	230			FS	24
1979	983382	76	5	8/22/1979	22:05	6	24.5	6.9	240			FS	24
1979	983383	71	5	8/22/1979	22:40	15	25	6.1	235			FS	24
1979	983384	70	5	8/22/1979	22:56	18	25	5.9	225			FS	24
1979	983385	69	5	8/22/1979	23:10	14	25.5	5.9	225			FS	24
1979	983386	68	5	8/22/1979	23:18	15	25.5	6.1	235			FS	24
1979	983387	68	5	8/22/1979	23:27	13	25	6.5	225			FS	24
1979	983388	67	5	8/22/1979	23:37	4	25.5	6.4	235			FS	24
1979	983389	64	5	8/22/1979	23:58	4	26	6.5	240			FS	24
1979	983390	60	5	8/23/1979	0:47	11	25	6.3	580			FS	24
1979	983391	59	6	8/23/1979	0:59	6	25	7.5	570			FS	24
1979	983392	59	5	8/23/1979	1:08	10	25	7.1	960			FS	24
1979	983393	58	5	8/23/1979	1:18	11	25	7	1100			FS	24
1979	983394	58	6	8/23/1979	1:28	6	24.5	6.9	1000			FS	24
1979	983395	58	5	8/23/1979	1:40	4	24	7.3	1200			FS	24
1979	983396	58	5	8/23/1979	1:49	4	24	7.1	1350			FS	24
1979	983398	57	5	8/23/1979	2:10	10	24.5	6.8	1800			FS	24
1979	983399	38	5	9/4/1979	20:24	0	26.6					FS	25
1979	983400	38	5	9/4/1979	20:31	0	26		8350			FS	25
1979	983401	37	5	9/4/1979	20:55	4	26.6	7.8	6300			FS	25
1979	983402	38	6	9/4/1979	21:14	3	26.9	9.2	8200			FS	25
1979	983403	38	6	9/4/1979	21:25	4	27	9.5	8100			FS	25
1979	983404	37	6	9/4/1979	21:34	5	26.2	7.4	8000			FS	25
1979	983405	37	6	9/4/1979	21:44	4	26.6	7.6	7800			FS	25
1979	983406	37	6	9/4/1979	21:54	5	26.6	7.6	8000			FS	25
1979	983407	37	6	9/4/1979	22:04	4	26.6	7.8	8000			FS	25
1979	983408	37	6	9/4/1979	22:12	4	26.8	7.7	8200			FS	25
1979	983409	36	6	9/4/1979	22:20	4	26.8	9.5	8300			FS	25
1979	983410	36	6	9/4/1979	22:28	4	26.7	7.9	8450			FS	25
1979	983411	37	5	9/4/1979	22:41	8	26.5	7.6	9600			FS	25
1979	983412	37	5	9/4/1979	22:52	8	26.7	7.8	11000			FS	25
1979	983413	36	5	9/4/1979	23:02	8	26.9	7.3	12000			FS	25
1979	983414	35	4	9/4/1979	23:10	5	26.1	9.1	11000			FS	25
1979	983415	36	6	9/4/1979	23:25	3	26.7	7.9	11500			FS	25
1979	983416	35	6	9/4/1979	23:36	4	26.5	9.1	9000			FS	25
1979	983417	35	6	9/4/1979	23:43	3	26.6	10.5	8800			FS	25

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983418	35	5	9/5/1979	0:05	4	27	9.3	10500			FS	25
1979	983419	35	5	9/5/1979	0:14	11	26.5	9.4	9900			FS	25
1979	983420	35	5	9/5/1979	0:23	11	26.6	8.2	12000			FS	25
1979	983421	35	4	9/5/1979	0:33	4	26.7	10	10500			FS	25
1979	983422	34	5	9/5/1979	0:46	0	26.5		12000			FS	25
1979	983423	34	5	9/5/1979	0:53	0	26		12000			FS	25
1979	983424	34	6	9/5/1979	1:04	4	26.5	9.9	8950			FS	25
1979	983425	34	6	9/5/1979	1:12	0	26.6		8400			FS	25
1979	983426	33	5	9/5/1979	1:24	12	26.5	9.2	9900			FS	25
1979	983427	33	5	9/5/1979	1:30	13	26.2	9.5	9400			FS	25
1979	983428	33	6	9/5/1979	1:42	4	26.1	7.9	13000			FS	25
1979	983429	33	6	9/5/1979	1:49	2	26	8.7	11000			FS	25
1979	983430	33	6	9/5/1979	1:57	2	26.1	8.7	9750			FS	25
1979	983431	33	5	9/5/1979	2:10	10	26.2	7.5	12500			FS	25
1979	983432	14	4	9/5/1979	19:51	6	26.5	3.3	23000			FS	25
1979	983433	15	4	9/5/1979	20:05	5	26	3.4	22000			FS	25
1979	983434	16	4	9/5/1979	20:16	5	26.5	4.2	20000			FS	25
1979	983435	16	5	9/5/1979	20:25	4	26	4.3	22000			FS	25
1979	983436	17	4	9/5/1979	20:34	5	26	3.9	20000			FS	25
1979	983437	18	5	9/5/1979	20:48	4	26	4.8	21500			FS	25
1979	983438	17	5	9/5/1979	20:53	4	26.5	5.1	20000			FS	25
1979	983439	19	5	9/5/1979	21:05	4	27	5.3	19500			FS	25
1979	983440	20	5	9/5/1979	21:17	4	27	5.7	20500			FS	25
1979	983441	20	5	9/5/1979	21:25	5	26.5	4.8	21000			FS	25
1979	983442	21	4	9/5/1979	21:39	5	26	6.4	19500			FS	25
1979	983443	22	5	9/5/1979	21:46	4	25	5.8	19500			FS	25
1979	983444	22	5	9/5/1979	21:58	4	26	6	18500			FS	25
1979	983445	23	4	9/5/1979	22:10	4	26	6.2	18000			FS	25
1979	983446	24	4	9/5/1979	22:31	5	26	5.7	17500			FS	25
1979	983447	25	4	9/5/1979	22:41	5	26	8.4	15000			FS	25
1979	983448	25	4	9/5/1979	22:56	5	26	6.2	17500			FS	25
1979	983449	26	4	9/5/1979	23:05	5	25.5	6.2	17500			FS	25
1979	983450	27	4	9/5/1979	23:15	4	25	6.5	17000			FS	25
1979	983451	26	5	9/5/1979	23:29	11	25.5	5.8	18500			FS	25
1979	983452	26	5	9/5/1979	23:39	9	25.5	5.9	18000			FS	25
1979	983453	26	5	9/5/1979	23:48	4	25.5	6.6	18000			FS	25
1979	983454	26	6	9/6/1979	0:03	3	25.5	6.1	18000			FS	25
1979	983455	27	5	9/6/1979	0:16	4	25	6.6	18000			FS	25
1979	983456	27	4	9/6/1979	0:25	5	25	6.4	18000			FS	25
1979	983457	28	5	9/6/1979	0:36	4	25.5	7.4	16000			FS	25
1979	983458	29	4	9/6/1979	0:46	4	25.5	7.4	15000			FS	25
1979	983459	27	4	9/6/1979	0:55	4	25.5	7.4	15000			FS	25
1979	983460	27	4	9/6/1979	1:03	3	25.5	7.2	15500			FS	25
1979	983461	32	5	9/6/1979	20:08	9	27	7.2	10403			FS	25
1979	983462	32	5	9/6/1979	20:18	9	27	7.3	10403			FS	25
1979	983463	31	5	9/6/1979	20:30	9	27	7.3	11227			FS	25
1979	983464	31	5	9/6/1979	20:37	0	27		10094			FS	25
1979	983465	31	5	9/6/1979	20:55	4	26.9	7.5	9476			FS	25
1979	983466	32	6	9/6/1979	21:06	3	26.4	7.7	10300			FS	25
1979	983467	31	6	9/6/1979	21:14	0	26		10506			FS	25
1979	983468	31	6	9/6/1979	21:27	3	26	7.4	11124			FS	25
1979	983469	31	6	9/6/1979	21:35	3	26	7.7	10609			FS	25
1979	983470	30	6	9/6/1979	21:44	0	25.9		10918			FS	25
1979	983471	30	6	9/6/1979	21:55	5	26	7.6	11330			FS	25
1979	983472	29	5	9/6/1979	22:04	4	26	7.4	11227			FS	25
1979	983473	29	5	9/6/1979	22:13	4	26	7.3	11845			FS	25
1979	983474	29	5	9/6/1979	22:20	4	25.7	7.7	11330			FS	25
1979	983475	29	4	9/6/1979	22:31	6	25.8	7.3	12257			FS	25
1979	983476	29	4	9/6/1979	22:40	5	25.8	7.4	12566			FS	25

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983477	29	4	9/6/1979	22:49	4	26	7.3	12566			FS	25
1979	983478	30	4	9/6/1979	23:02	5	25.8	7.1	13390			FS	25
1979	983479	30	4	9/6/1979	23:10	5	25.6	7.1	13390			FS	25
1979	983480	30	4	9/6/1979	23:19	5	25.6	7.2	13184			FS	25
1979	983481	30	4	9/6/1979	23:30	4	25.4	7.2	12566			FS	25
1979	983482	30	4	9/6/1979	23:39	0	25.5		12360			FS	25
1979	983483	30	4	9/6/1979	23:46	0	25.6		12463			FS	25
1979	983484	31	4	9/7/1979	0:44	5	25.9	7.1	12875			FS	25
1979	983485	31	4	9/7/1979	0:55	4	25.8	7.1	13184			FS	25
1979	983486	39	6	9/7/1979	1:42	4	26.8	7.4	8755			FS	25
1979	983487	39	5	9/7/1979	1:57	10	26.3	7	8961			FS	25
1979	983488	39	4	9/7/1979	2:07	0	26		7210			FS	25
1979	983489	40	4	9/7/1979	2:20	5	26	6.8	7622			FS	25
1979	983490	41	4	9/7/1979	2:28	4	26	6.8	7416			FS	25
1979	983491	41	4	9/7/1979	2:37	3	25.8	6.8	7622			FS	25
1979	983492	41	5	9/7/1979	2:46	0	26		7004			FS	25
1979	983493	40	5	9/7/1979	2:57	5	26	6.8	7210			FS	25
1979	983494	40	5	9/7/1979	3:05	11	26	6.8	7313			FS	25
1979	983495	41	5	9/7/1979	3:15	0	25.8		5768			FS	25
1979	983496	41	5	9/7/1979	3:27	15	25.8	8	4944			FS	25
1979	983497	41	5	9/7/1979	3:39	15	25.7	6.8	7519			FS	25
1979	983498	42	5	9/7/1979	3:50	0	26		6077			FS	25
1979	983499	16	5	9/17/1979	19:07	0	23.5		13000			FS	26
1979	983500	15	5	9/17/1979	19:23	0	24		15000			FS	26
1979	983501	15	5	9/17/1979	19:35	0	22.5		13500			FS	26
1979	983503	14	4	9/17/1979	20:27	0	22		15000			FS	26
1979	983505	15	4	9/17/1979	20:50	0	21.5		15500			FS	26
1979	983506	15	4	9/17/1979	21:00	0	22		16000			FS	26
1979	983507	16	4	9/17/1979	21:15	0	21.5		14500			FS	26
1979	983508	18	5	9/17/1979	21:37	0	21		14500			FS	26
1979	983509	19	5	9/17/1979	21:52	0	21.5		15000			FS	26
1979	983510	20	4	9/17/1979	22:07	0	22		12000			FS	26
1979	983511	22	4	9/17/1979	22:27	0	21.5		12000			FS	26
1979	983513	24	4	9/17/1979	22:49	0	21.5		12000			FS	26
1979	983514	24	5	9/17/1979	23:05	0	22		12000			FS	26
1979	983515	25	5	9/17/1979	23:18	0	21.5		9850			FS	26
1979	983516	25	4	9/17/1979	23:28	0	21.5		7450			FS	26
1979	983517	25	4	9/17/1979	23:38	0	22		9100			FS	26
1979	983518	25	4	9/17/1979	23:46	0	22		9650			FS	26
1979	983519	25	4	9/18/1979	18:37	4	24.5	8.7	7500			FS	26
1979	983520	25	5	9/18/1979	18:50	0	25.5		6950			FS	26
1979	983521	26	6	9/18/1979	19:02	5	25	8.6	8350			FS	26
1979	983522	26	5	9/18/1979	19:12	12	24	8.1	7450			FS	26
1979	983523	26	4	9/18/1979	19:24	5	25.5	7.2	6850			FS	26
1979	983524	27	4	9/18/1979	19:34	5	25	6.6	7900			FS	26
1979	983525	27	5	9/18/1979	19:38	4	24	7.6	7000			FS	26
1979	983526	28	5	9/18/1979	19:57	4	25	7	6600			FS	26
1979	983527	28	5	9/18/1979	20:06	4	24	8.1	6400			FS	26
1979	983528	28	5	9/18/1979	20:15	4	23.5	7.8	6400			FS	26
1979	983529	29	4	9/18/1979	20:29	0	24		6800			FS	26
1979	983530	29	4	9/18/1979	20:37	5	24	7.2	7150			FS	26
1979	983531	29	4	9/18/1979	20:45	5	23.5	7.3	7300			FS	26
1979	983532	29	5	9/18/1979	20:56	11	23.5	5.2	14000			FS	26
1979	983533	29	6	9/18/1979	21:08	5	24	6	12000			FS	26
1979	983534	29	5	9/18/1979	21:20	4	23.5	7.5	6800			FS	26
1979	983535	29	6	9/18/1979	21:30	5	24	6.8	8400			FS	26
1979	983536	30	6	9/18/1979	21:40	5	24	7.6	6800			FS	26
1979	983537	30	4	9/18/1979	21:55	5	23.5	7.2	7000			FS	26
1979	983538	30	4	9/18/1979	22:04	5	22.5	7.2	6800			FS	26

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983539	29	4	9/18/1979	22:15	4	22	8.4	6700			FS	26
1979	983540	30	4	9/18/1979	22:25	4	22	8.5	6350			FS	26
1979	983541	30	4	9/18/1979	22:39	5	23	7.4	6900			FS	26
1979	983542	31	4	9/18/1979	22:48	5	22	6.8	8900			FS	26
1979	983543	31	5	9/18/1979	23:00	8	22.5	6.5	9600			FS	26
1979	983544	31	6	9/18/1979	23:11	5	22	8.1	6800			FS	26
1979	983545	31	6	9/18/1979	23:22	5	22	7.6	8600			FS	26
1979	983546	31	5	9/18/1979	23:33	12	22.5	7.7	9550			FS	26
1979	983547	31	5	9/18/1979	23:43	12	23	6	12000			FS	26
1979	983548	31	6	9/18/1979	23:53	5	22.5	7.8	7400			FS	26
1979	983549	32	6	9/19/1979	0:01	3	22.5	8.3	4650			FS	26
1979	983550	32	6	9/19/1979	0:13	3	22.5	8.2	5500			FS	26
1979	983551	32	5	9/19/1979	0:23	4	22.5	7.6	6700			FS	26
1979	983552	31	5	9/19/1979	0:31	4	22	7.7	6600			FS	26
1979	983554	31	4	9/19/1979	0:51	5	22	7.9	6300			FS	26
1979	983555	31	4	9/19/1979	1:00	4	22.5	7.2	7450			FS	26
1979	983556	32	4	9/19/1979	1:10	4	22.5	7.5	6050			FS	26
1979	983557	32	4	9/19/1979	1:18	4	22	7.2	6500			FS	26
1979	983558	32	4	9/19/1979	1:27	4	22	7	6900			FS	26
1979	983559	34	6	9/19/1979	18:43	4	21.5	8.4	4200			FS	26
1979	983560	34	6	9/19/1979	18:58	3	21	9.4	3900			FS	26
1979	983561	34	5	9/19/1979	19:15	9	19.5	8.9	3600			FS	26
1979	983563	35	4	9/19/1979	19:37	0	18.5		3800			FS	26
1979	983564	34	5	9/19/1979	19:12	0	21.5		3500			FS	26
1979	983565	34	5	9/19/1979	20:01	0	21.5		3300			FS	26
1979	983566	34	6	9/19/1979	20:13	0	21.5		4000			FS	26
1979	983567	34	6	9/19/1979	20:24	0	21		3800			FS	26
1979	983568	35	6	9/19/1979	20:21	0	22		3000			FS	26
1979	983569	35	6	9/19/1979	20:52	0	21.5		3300			FS	26
1979	983570	35	6	9/19/1979	21:09	0	22		3250			FS	26
1979	983571	35	5	9/19/1979	21:23	0	22		3400			FS	26
1979	983572	36	4	9/19/1979	21:37	0	22.5		3200			FS	26
1979	983573	36	5	9/19/1979	21:53	0	22.5		3400			FS	26
1979	983574	36	4	9/19/1979	22:06	0	22		3300			FS	26
1979	983575	36	5	9/19/1979	22:21	0	22		3350			FS	26
1979	983576	36	6	9/19/1979	22:31	0	21.5		3100			FS	26
1979	983577	37	6	9/19/1979	22:41	0	21		3200			FS	26
1979	983578	37	6	9/19/1979	22:52	0	21		3000			FS	26
1979	983579	37	6	9/19/1979	23:15	0	21.5		2600			FS	26
1979	983580	37	6	9/19/1979	23:27	0	21.5		3250			FS	26
1979	983581	38	6	9/19/1979	23:38	0	21.5		2350			FS	26
1979	983582	38	6	9/19/1979	23:45	0	21.5		2350			FS	26
1979	983583	38	5	9/19/1979	23:55	0	21.5		3250			FS	26
1979	983584	38	5	9/20/1979	0:07	0	21		3650			FS	26
1979	983585	38	5	9/20/1979	0:16	0	21		4000			FS	26
1979	983586	38	4	9/20/1979	0:23	0	21		2550			FS	26
1979	983587	38	5	9/20/1979	0:37	0	21.5		2550			FS	26
1979	983588	40	5	9/20/1979	1:03	0	22		3100			FS	26
1979	983589	40	5	9/20/1979	1:14	0	21.5		2400			FS	26
1979	983590	40	4	9/20/1979	1:27	0	22		1800			FS	26
1979	983591	40	4	9/20/1979	1:37	0	21.5		1850			FS	26
1979	983592	41	5	9/20/1979	1:56	0	21		2250			FS	26
1979	983593	41	5	9/20/1979	2:04	0	22		2250			FS	26
1979	983594	41	5	9/20/1979	2:14	0	22		2150			FS	26
1979	983595	42	4	9/20/1979	2:26	0	22		1750			FS	26
1979	983596	42	4	9/20/1979	2:34	0	21.5		1650			FS	26
1979	983599	42	4	9/20/1979	20:00	0	22		1800			FS	26
1979	983600	44	4	9/20/1979	20:17	0	22		810			FS	26
1979	983601	45	5	9/20/1979	20:31	0	21.5		565			FS	26

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983602	46	5	9/20/1979	20:45	0			605			FS	26
1979	983603	46	5	9/20/1979	21:23	0	22		690			FS	26
1979	983604	47	5	9/20/1979	21:36	0	22.5		505			FS	26
1979	983605	47	5	9/20/1979	21:45	0	22		495			FS	26
1979	983606	47	5	9/20/1979	21:54	0	22		570			FS	26
1979	983607	49	5	9/20/1979	22:08	0	21.5		505			FS	26
1979	983608	49	5	9/20/1979	22:17	0	22.5		490			FS	26
1979	983609	51	5	9/20/1979	22:38	0	22		390			FS	26
1979	983610	54	5	9/20/1979	23:03	0	21.5		360			FS	26
1979	983611	15	4	10/1/1979	19:52	0	20		17000			FS	27
1979	983612	15	4	10/1/1979	20:11	0	20		19000			FS	27
1979	983613	15	5	10/1/1979	20:22	0	20		18000			FS	27
1979	983614	18	4	10/1/1979	20:39	0	20		15500			FS	27
1979	983615	18	5	10/1/1979	20:49	0	20		14000			FS	27
1979	983616	19	4	10/1/1979	21:00	0	20		14500			FS	27
1979	983617	19	5	10/1/1979	21:08	0	20		15000			FS	27
1979	983618	21	5	10/1/1979	21:28	0	20		14000			FS	27
1979	983619	22	4	10/1/1979	21:45	0	20		11000			FS	27
1979	983620	22	5	10/1/1979	22:06	0	20		12000			FS	27
1979	983621	23	4	10/1/1979	22:14	0	20		12500			FS	27
1979	983622	23	4	10/1/1979	22:24	0	20		11000			FS	27
1979	983623	24	4	10/1/1979	22:33	0	20		8400			FS	27
1979	983624	24	5	10/1/1979	22:45	0	20		8650			FS	27
1979	983625	25	5	10/1/1979	22:58	0	20		12000			FS	27
1979	983626	25	4	10/1/1979	23:08	0	20		8750			FS	27
1979	983627	25	4	10/1/1979	23:20	0	20		8100			FS	27
1979	983628	26	4	10/1/1979	23:35	0	20.3		7800			FS	27
1979	983629	26	4	10/1/1979	23:43	0	20.1		7850			FS	27
1979	983630	27	4	10/1/1979	23:53	0	20.5		7750			FS	27
1979	983631	27	5	10/2/1979	0:11	0	20.5		8250			FS	27
1979	983632	27	5	10/2/1979	0:21	0	20		7400			FS	27
1979	983633	27	4	10/2/1979	0:31	0	20.3		7400			FS	27
1979	983634	27	4	10/2/1979	0:40	0	20		7350			FS	27
1979	983635	27	4	10/2/1979	0:50	0	20.5		8200			FS	27
1979	983637	28	5	10/2/1979	19:55	11	21	6.4	9200			FS	27
1979	983638	28	5	10/2/1979	20:05	3	21	6.4	8100			FS	27
1979	983639	28	4	10/2/1979	20:20	0	21.1		8200			FS	27
1979	983640	28	4	10/2/1979	20:32	0	21		8000			FS	27
1979	983641	29	4	10/2/1979	20:41	0	21		8050			FS	27
1979	983642	29	4	10/2/1979	20:51	0	21		8150			FS	27
1979	983643	29	4	10/2/1979	21:00	0	21		7250			FS	27
1979	983644	29	4	10/2/1979	21:08	0	21		7300			FS	27
1979	983645	29	4	10/2/1979	21:20	4	21	7.5	8500			FS	27
1979	983646	29	5	10/2/1979	21:32	9	20.5	4.8	17500			FS	27
1979	983647	29	6	10/2/1979	21:43	3	21	6.6	9400			FS	27
1979	983648	29	5	10/2/1979	21:51	8	21	6.8	9750			FS	27
1979	983649	29	5	10/2/1979	22:01	6	20.5	6.7	9850			FS	27
1979	983650	30	6	10/2/1979	22:12	3	21.5	6.9	9300			FS	27
1979	983651	30	6	10/2/1979	22:21	3	21	7.1	8900			FS	27
1979	983652	30	4	10/2/1979	22:43	3	21	7.3	7050			FS	27
1979	983653	30	4	10/2/1979	22:57	3	21	7.2	6800			FS	27
1979	983654	30	4	10/2/1979	23:08	4	21	7	7250			FS	27
1979	983655	30	4	10/2/1979	23:19	0	21		7100			FS	27
1979	983656	31	4	10/2/1979	23:30	5	21	6.9	7850			FS	27
1979	983657	31	5	10/2/1979	23:43	3	20.5	7.2	8550			FS	27
1979	983658	31	5	10/2/1979	23:55	5	21.1	7.1	8300			FS	27
1979	983659	32	6	10/3/1979	0:10	2	21	6.9	7200			FS	27
1979	983660	32	6	10/3/1979	0:19	2	21	7.4	6700			FS	27
1979	983661	32	6	10/3/1979	0:28	2	21	7.2	7550			FS	27

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983662	32	6	10/3/1979	0:40	3	21	7.1	7600			FS	27
1979	983663	32	6	10/3/1979	0:50	3	21	6.5	8150			FS	27
1979	983664	33	6	10/3/1979	1:00	3	21	6.6	8150			FS	27
1979	983665	32	5	10/3/1979	1:12	7	21	7.1	6950			FS	27
1979	983666	32	5	10/3/1979	1:22	3	21	6.8	7600			FS	27
1979	983667	32	5	10/3/1979	1:30	9	20.8	5.3	15500			FS	27
1979	983668	33	5	10/3/1979	1:39	5	21	7.2	6500			FS	27
1979	983669	33	5	10/3/1979	1:48	10	21.5	5.2	14000			FS	27
1979	983670	34	5	10/3/1979	2:07	4	21	7	6950			FS	27
1979	983671	36	5	10/3/1979	19:14	4	21	6.7	5400			FS	27
1979	983672	36	5	10/3/1979	19:24	8	21	6.9	5500			FS	27
1979	983673	35	5	10/3/1979	19:34	10	21	7.2	6000			FS	27
1979	983674	34	5	10/3/1979	19:56	3	20.8	6.9	7300			FS	27
1979	983675	34	5	10/3/1979	20:05	10	21	7.3	7200			FS	27
1979	983676	34	6	10/3/1979	20:14	5	21	6.8	7750			FS	27
1979	983677	34	6	10/3/1979	20:23	3	21	7.6	7150			FS	27
1979	983678	35	6	10/3/1979	20:34	3	21	7.2	6850			FS	27
1979	983679	35	6	10/3/1979	20:43	3	21	7	6950			FS	27
1979	983680	36	6	10/3/1979	20:54	3	21	7.5	6350			FS	27
1979	983681	36	6	10/3/1979	21:02	3	21	7.5	6150			FS	27
1979	983682	36	6	10/3/1979	21:12	3	21	7.4	6250			FS	27
1979	983683	36	6	10/3/1979	21:22	3	21	7.2	6450			FS	27
1979	983684	36	6	10/3/1979	21:30	3	21	7.2	6550			FS	27
1979	983685	36	6	10/3/1979	21:42	3	21	7.1	6450			FS	27
1979	983686	37	6	10/3/1979	21:50	3	21	7.2	6400			FS	27
1979	983687	37	6	10/3/1979	22:00	0	21		6450			FS	27
1979	983688	37	6	10/3/1979	22:10	3	21	7.2	6400			FS	27
1979	983689	38	6	10/3/1979	22:18	0	21		6450			FS	27
1979	983690	38	6	10/3/1979	22:26	0	21		6250			FS	27
1979	983691	38	6	10/3/1979	22:35	4	21	7	6400			FS	27
1979	983692	38	5	10/3/1979	22:44	8	21	7.1	6000			FS	27
1979	983693	38	5	10/3/1979	22:53	10	20.8	6.9	5700			FS	27
1979	983694	38	5	10/3/1979	23:02	9	21	6.9	5700			FS	27
1979	983695	38	5	10/3/1979	23:12	11	21	6.5	7800			FS	27
1979	983696	38	5	10/3/1979	23:22	9	21	7.1	5950			FS	27
1979	983697	39	6	10/3/1979	23:33	5	20.8	7.1	6250			FS	27
1979	983698	39	6	10/3/1979	23:41	5	20.8	6.8	6550			FS	27
1979	983699	39	4	10/3/1979	23:53	4	21	6.6	6000			FS	27
1979	983700	40	4	10/4/1979	19:18	5	21.2	6.6	2250			FS	27
1979	983701	40	4	10/4/1979	19:25	5	21	6.9	2250			FS	27
1979	983702	45	5	10/4/1979	19:33	18	21.2	7	2150			FS	27
1979	983703	41	5	10/4/1979	19:43	14	21	0.6	2150			FS	27
1979	983704	42	5	10/4/1979	19:56	0	21.5		1600			FS	27
1979	983705	42	5	10/4/1979	20:18	0	22		1500			FS	27
1979	983706	45	5	10/4/1979	20:38	0	21		800			FS	27
1979	983707	46	5	10/4/1979	20:50	0	21		590			FS	27
1979	983708	46	5	10/4/1979	20:59	18	21	6.6	565			FS	27
1979	983709	42	4	10/15/1979	19:26	0	16		230			FS	28
1979	983710	42	4	10/15/1979	19:36	0	16.1		230			FS	28
1979	983711	42	5	10/15/1979	19:45	0	16.4		230			FS	28
1979	983712	42	5	10/15/1979	19:53	0	16.3		230			FS	28
1979	983714	41	4	10/15/1979	20:13	0	17		230			FS	28
1979	983715	41	5	10/15/1979	20:22	0	16.4		235			FS	28
1979	983716	41	5	10/15/1979	20:31	0	16.7		235			FS	28
1979	983717	40	5	10/15/1979	20:40	0	16.7		235			FS	28
1979	983718	40	5	10/15/1979	20:49	0	16.6		220			FS	28
1979	983719	40	6	10/15/1979	21:02	0	16.6		240			FS	28
1979	983720	39	5	10/15/1979	21:22	0	16.4		260			FS	28
1979	983721	38	6	10/15/1979	21:35	0	16.2		265			FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983722	37	4	10/15/1979	21:54	0	16.5		305			FS	28
1979	983723	37	5	10/15/1979	22:07	0	16		530			FS	28
1979	983724	37	5	10/15/1979	22:20	0	16		620			FS	28
1979	983726	36	5	10/15/1979	22:39	0	15.8		730			FS	28
1979	983727	36	5	10/15/1979	22:47	0	15.4		645			FS	28
1979	983728	36	5	10/15/1979	22:56	0	15.8		755			FS	28
1979	983729	36	5	10/16/1979	0:09	0	15.7		690			FS	28
1979	983730	36	4	10/16/1979	0:21	0	15.6		710			FS	28
1979	983731	36	5	10/16/1979	0:33	0	16		805			FS	28
1979	983732	35	6	10/16/1979	0:44	0	15.8		600			FS	28
1979	983733	35	6	10/16/1979	0:52	0	15.7		600			FS	28
1979	983734	36	6	10/16/1979	1:05	0	15		265			FS	28
1979	983735	35	6	10/16/1979	1:13	0	15.2		285			FS	28
1979	983736	36	6	10/16/1979	1:23	0	15.2		280			FS	28
1979	983737	37	6	10/16/1979	1:32	0	15.6		270			FS	28
1979	983738	39	6	10/16/1979	1:45	0	16		260			FS	28
1979	983739	39	6	10/16/1979	1:55	0	16		260			FS	28
1979	983740	14	5	10/16/1979	20:02	0	15		9100			FS	28
1979	983741	15	4	10/16/1979	20:17	5	15	6.9	12000			FS	28
1979	983742	16	5	10/16/1979	20:29	5	14.5	7.2	8100			FS	28
1979	983743	19	4	10/16/1979	20:48	5	14.5	6.8	6250			FS	28
1979	983744	19	4	10/16/1979	20:59	5	15	6.4	8250			FS	28
1979	983745	20	4	10/16/1979	21:09	5	14.8	7.7	5250			FS	28
1979	983746	20	5	10/16/1979	21:18	0	15		4650			FS	28
1979	983747	21	4	10/16/1979	21:30	5	14.3	7.5	4700			FS	28
1979	983748	21	5	10/16/1979	21:40	3	14.5	7.2	5100			FS	28
1979	983749	22	5	10/16/1979	21:50	3	14.8	7.7	4650			FS	28
1979	983750	22	4	10/16/1979	22:36	5	15	8.2	3650			FS	28
1979	983751	23	4	10/16/1979	22:45	0	15		3100			FS	28
1979	983752	24	4	10/16/1979	22:56	5	15	8.1	3800			FS	28
1979	983753	25	4	10/16/1979	23:08	5	15.1	6.5	12000			FS	28
1979	983754	26	5	10/16/1979	23:22	3	14.2	8.1	3150			FS	28
1979	983755	26	5	10/16/1979	23:32	4	14.2	8.1	3850			FS	28
1979	983756	26	5	10/16/1979	23:41	4	14.5	8	3800			FS	28
1979	983757	26	4	10/16/1979	23:52	5	15	7.9	4000			FS	28
1979	983758	26	4	10/17/1979	0:02	0	15		3200			FS	28
1979	983759	26	4	10/17/1979	0:12	3	15	7.8	3550			FS	28
1979	983760	26	4	10/17/1979	0:22	4	15	7.9	3750			FS	28
1979	983761	27	4	10/17/1979	0:32	4	15	8.1	3200			FS	28
1979	983762	27	5	10/17/1979	0:43	12	15.5	5.5	16000			FS	28
1979	983763	27	6	10/17/1979	0:54	0	15		4500			FS	28
1979	983764	27	6	10/17/1979	19:03	5	16	8.7	2250			FS	28
1979	983765	28	5	10/17/1979	19:13	4	16	8.7	2000			FS	28
1979	983766	27	4	10/17/1979	19:24	5	16.2	8.1	3100			FS	28
1979	983767	27	4	10/17/1979	19:32	4	16.2	8.2	2750			FS	28
1979	983768	28	6	10/17/1979	19:40	4	16.3	8.1	2900			FS	28
1979	983769	28	6	10/17/1979	19:49	4	16	8.3	2750			FS	28
1979	983770	28	6	10/17/1979	19:59	0	16		2950			FS	28
1979	983771	28	6	10/17/1979	20:08	4	16	8.3	3000			FS	28
1979	983772	28	6	10/17/1979	20:16	4	16.2	8.1	2850			FS	28
1979	983773	28	4	10/17/1979	20:24	4	16.3	8.1	3050			FS	28
1979	983774	29	6	10/17/1979	20:32	5	15.8	8.3	3050			FS	28
1979	983775	29	6	10/17/1979	20:40	5	16	8.1	3250			FS	28
1979	983776	29	6	10/17/1979	20:50	5	15.7	8.3	3100			FS	28
1979	983777	28	5	10/17/1979	20:59	10	15.8	8.3	4000			FS	28
1979	983778	28	6	10/17/1979	21:21	3	15.2	8.3	3650			FS	28
1979	983779	30	5	10/17/1979	21:27	4	15	8.1	2000			FS	28
1979	983780	29	5	10/17/1979	21:37	11	15	6.5	12350			FS	28
1979	983781	29	4	10/17/1979	21:49	5	15	7.7	3600			FS	28

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983782	29	4	10/17/1979	21:57	5	15.2	8.2	2850			FS	28
1979	983783	30	4	10/17/1979	22:08	0	15		3650			FS	28
1979	983784	30	4	10/17/1979	22:18	5	15.2	7.8	3800			FS	28
1979	983785	31	4	10/17/1979	22:26	4	15.6	8.7	2650			FS	28
1979	983786	31	4	10/17/1979	22:35	5	15	8.3	2650			FS	28
1979	983787	30	5	10/17/1979	22:46	3	15.8	8.4	2600			FS	28
1979	983788	31	5	10/17/1979	22:54	8	15.8	8.1	3400			FS	28
1979	983789	31	5	10/17/1979	23:01	3	16	8.1	2400			FS	28
1979	983790	32	5	10/17/1979	23:09	10	16	7.3	5950			FS	28
1979	983791	32	5	10/17/1979	23:19	3	16.2	7.7	2150			FS	28
1979	983792	32	6	10/17/1979	23:29	3	16.2	7.7	2350			FS	28
1979	983793	33	6	10/17/1979	23:36	3	16	8.1	2150			FS	28
1979	983794	32	6	10/17/1979	23:47	12	16.2	8.1	2000			FS	28
1979	983795	32	5	10/17/1979	23:58	12	16.2	7.8	2600			FS	28
1979	983796	33	5	10/18/1979	0:07	10	16.2	7.9	2200			FS	28
1979	983797	33	5	10/18/1979	0:16	12	15.8	8.3	2050			FS	28
1979	983798	34	5	10/18/1979	0:26	12	15.9	8.2	2100			FS	28
1979	983799	34	5	10/18/1979	0:34	12	16.2	8	1750			FS	28
1979	983800	34	6	10/18/1979	0:46	3	16.1	8.2	1250			FS	28
1979	983801	35	6	10/18/1979	0:56	3	16	8.3	1200			FS	28
1979	983802	35	6	10/18/1979	1:04	3	16	8.2	1350			FS	28
1979	983803	35	6	10/18/1979	1:12	3	16	8	1650			FS	28
1979	983804	35	6	10/18/1979	1:20	3	16	7.9	1650			FS	28
1979	983805	35	6	10/18/1979	1:29	3	16.2	7.8	1600			FS	28
1979	983806	35	6	10/18/1979	1:37	3	16.4	7.7	1550			FS	28
1979	983807	14	5	10/29/1979	19:47	0	13.5		13000			FS	29
1979	983808	17	4	10/29/1979	20:11	6	14	8	12500			FS	29
1979	983809	17	5	10/29/1979	20:23	4	13.5	7.5	12500			FS	29
1979	983810	17	5	10/29/1979	20:34	4	13	7.7	12000			FS	29
1979	983811	17	5	10/29/1979	20:44	0	13		11500			FS	29
1979	983812	19	5	10/29/1979	21:10	4	13		8000			FS	29
1979	983813	19	4	10/29/1979	21:33	6	13.5	7.6	13000			FS	29
1979	983814	19	4	10/29/1979	21:45	5	13.5	7.7	12000			FS	29
1979	983815	21	4	10/29/1979	22:02	0	13.5		7700			FS	29
1979	983817	22	4	10/29/1979	22:55	5	13.5	8.8	7350			FS	29
1979	983818	23	4	10/29/1979	23:11	0	13		6350			FS	29
1979	983819	24	4	10/29/1979	23:22	5	12.5	9.2	6250			FS	29
1979	983820	24	5	10/29/1979	23:32	5	13	9.4	5800			FS	29
1979	983822	25	4	10/30/1979	0:04	5	13	9.2	5800			FS	29
1979	983823	25	4	10/30/1979	0:13	5	13	9.1	5600			FS	29
1979	983824	25	4	10/30/1979	0:21	4	12.5	9	5900			FS	29
1979	983825	26	4	10/30/1979	0:29	5	13	9.4	5600			FS	29
1979	983826	26	4	10/30/1979	0:38	3	13	9.4	5550			FS	29
1979	983827	26	4	10/30/1979	0:47	4	13	9.3	5400			FS	29
1979	983828	26	4	10/30/1979	0:54	3	13	9.5	5500			FS	29
1979	983829	27	4	10/30/1979	18:50	5	13	9.3	7000			FS	29
1979	983830	27	4	10/30/1979	19:02	4	13	9.4	6900			FS	29
1979	983831	27	4	10/30/1979	19:12	3	12.5	9.4	6950			FS	29
1979	983832	26	5	10/30/1979	19:30	4	13	9.8	8700			FS	29
1979	983833	25	5	10/30/1979	19:40	15	13.5	6.9	17000			FS	29
1979	983834	24	5	10/30/1979	19:50	16	13	6.8	18000			FS	29
1979	983835	27	4	10/30/1979	20:32	3	12	10.5	5700			FS	29
1979	983836	27	4	10/30/1979	20:43	3	12.5	9.7	6050			FS	29
1979	983837	27	4	10/30/1979	20:55	5	12		7050			FS	29
1979	983838	28	4	10/30/1979	21:10	5	12.5	9.7	6000			FS	29
1979	983839	29	4	10/30/1979	21:18	4	12.5	9.9	4900			FS	29
1979	983840	29	6	10/30/1979	21:32	3	12.5	9.7	5700			FS	29
1979	983841	28	5	10/30/1979	21:44	12	12.5	9.1	8800			FS	29
1979	983843	28	5	10/30/1979	22:03	11	13	9.4	13000			FS	29

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	983844	29	5	10/30/1979	22:19	0	13		5500			FS	29
1979	983845	29	5	10/30/1979	22:28	9	12.5	9	5400			FS	29
1979	983846	29	5	10/30/1979	22:39	4	12	9.1	5500			FS	29
1979	983847	29	6	10/30/1979	22:54	5	12	9.2	4800			FS	29
1979	983848	30	6	10/30/1979	23:25	6	12	9.2	4900			FS	29
1979	983849	30	4	10/30/1979	23:33	6	12	9	5000			FS	29
1979	983850	30	4	10/30/1979	23:41	3	12.5	9.1	5250			FS	29
1979	983851	30	4	10/30/1979	23:48	3	12.5	9	4900			FS	29
1979	983852	30	4	10/30/1979	23:58	3	12.5	9.2	4600			FS	29
1979	983853	30	4	10/31/1979	0:07	4	12.5	8.9	5600			FS	29
1979	983854	30	4	10/31/1979	0:15	5	12.5	9	5400			FS	29
1979	983855	31	4	10/31/1979	0:24	3	12.5	9.4	4500			FS	29
1979	983856	31	4	10/31/1979	0:31	3	12.5	9.4	3900			FS	29
1979	983857	31	4	10/31/1979	0:40	4	12.5	9.1	3800			FS	29
1979	983858	32	4	10/31/1979	0:50	3	13	9.2	3600			FS	29
1979	983859	31	5	10/31/1979	18:37	11	14	7.8	7900			FS	29
1979	983860	31	5	10/31/1979	18:46	8	13.5	8.1	6150			FS	29
1979	983861	32	5	10/31/1979	18:57	9	13.5	8.1	7300			FS	29
1979	983862	32	5	10/31/1979	19:08	4	13.5	8.5	5200			FS	29
1979	983863	32	5	10/31/1979	19:19	4	13.5	8.8	5050			FS	29
1979	983864	32	5	10/31/1979	19:32	4	14	8.8	4900			FS	29
1979	983865	32	5	10/31/1979	19:42	4	13	8.8	5000			FS	29
1979	983866	32	6	10/31/1979	19:58	3	13.5	8.6	5600			FS	29
1979	983867	33	6	10/31/1979	20:13	4	13.5	8.9	3750			FS	29
1979	983868	34	6	10/31/1979	20:23	5	13	9	3400			FS	29
1979	983869	34	5	10/31/1979	20:33	12	13.5	8.9	4200			FS	29
1979	983870	35	6	10/31/1979	20:46	4	13	8.7	4800			FS	29
1979	983871	36	5	10/31/1979	20:58	11	13.5	8.3	6150			FS	29
1979	983872	35	5	10/31/1979	21:07	12	13.5	8.9	4400			FS	29
1979	983873	34	5	10/31/1979	21:16	13	13	8.2	6900			FS	29
1979	983874	35	6	10/31/1979	21:30	3	13	8.8	4350			FS	29
1979	983875	36	6	10/31/1979	21:38	3	13.5	8.7	3400			FS	29
1979	983876	36	6	10/31/1979	21:48	3	13.5	8.8	3000			FS	29
1979	983877	36	6	10/31/1979	22:02	3	13	9.1	2100			FS	29
1979	983878	36	6	10/31/1979	22:10	3	13	9.2	2100			FS	29
1979	983879	36	6	10/31/1979	22:18	3	13	9	2100			FS	29
1979	983880	36	6	10/31/1979	22:28	3	13.5	8.8	2700			FS	29
1979	983881	36	5	10/31/1979	23:08	4	13.5	8.9	3250			FS	29
1979	983882	36	5	10/31/1979	23:17	8	13.5	8.7	4300			FS	29
1979	983883	37	5	10/31/1979	23:27	9	13.5	8.7	4300			FS	29
1979	983884	37	6	10/31/1979	23:37	4	13.5	8.6	3400			FS	29
1979	983885	37	5	10/31/1979	23:47	8	13.5	8.6	4200			FS	29
1979	983886	37	5	10/31/1979	23:56	4	13.5	8.9	2700			FS	29
1979	983887	37	6	11/1/1979	0:11	3	13.5	9.1	3300			FS	29
1979	983888	37	6	11/1/1979	0:18	3	13.5	8.7	2800			FS	29
1979	983889	37	6	11/1/1979	0:28	3	13.5	8.8	2650			FS	29
1979	983890	37	6	11/1/1979	0:37	4	13.5	9				FS	29
1979	983891	38	6	11/1/1979	0:47	3	13.5	8.8				FS	29
1979	983892	38	6	11/1/1979	0:55	4	13.5	8.8	2550			FS	29
1979	983893	38	5	11/1/1979	1:05	12	13.5	8.6	3850			FS	29
1979	983894	39	5	11/1/1979	1:22	0	14		1250			FS	29
1979	983895	39	5	11/1/1979	1:33	4	13.5	8.9	1500			FS	29
1979	983896	39	5	11/1/1979	1:43	10	14		1450			FS	29
1979	983897	40	5	11/1/1979	18:20	0	14.5		1150			FS	29
1979	983898	40	5	11/1/1979	18:30	10	14	8.8	1600			FS	29
1979	983899	40	5	11/1/1979	18:41	8	14	8.7	1300			FS	29
1979	983900	40	5	11/1/1979	18:51	4	14	8.7	1150			FS	29
1979	983901	40	4	11/1/1979	19:03	6	14	8.7	1100			FS	29
1979	983902	42	5	11/1/1979	19:27	16	15	8.3	865			FS	29

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1979	983903	42	4	11/1/1979	19:41	5	15	8.3	610			FS	29
1979	983904	42	4	11/1/1979	19:51	4	15	8.2	615			FS	29
1979	983905	42	4	11/1/1979	20:16	5	14.5	8.3	1000			FS	29
1979	983906	44	4	11/1/1979	20:39	6	14.5	8.4	535			FS	29
1979	983907	44	4	11/1/1979	20:49	5	14.5	8.3	530			FS	29
1979	983908	45	5	11/1/1979	21:04	15	14.5	8.1	430			FS	29
1979	983909	135	5	11/13/1979	20:59	0	10		165			FS	30
1979	983910	132	5	11/12/1979	21:20	0	11.5		170			FS	30
1979	983911	132	5	11/12/1979	21:30	11	10.8	8.2	170			FS	30
1979	983912	131	5	11/12/1979	21:44	13	11.5	7.2	170			FS	30
1979	983913	129	5	11/12/1979	22:06	0	9		175			FS	30
1979	983914	128	5	11/12/1979	22:14	0	8.5		175			FS	30
1979	983915	128	5	11/12/1979	22:24	0	8		180			FS	30
1979	983916	125	5	11/12/1979	22:46	0	8		190			FS	30
1979	983917	124	5	11/12/1979	22:59	0	8.5		180			FS	30
1979	983918	123	5	11/12/1979	23:07	0	8		180			FS	30
1979	983919	123	5	11/12/1979	23:16	0	8		180			FS	30
1979	983920	123	5	11/12/1979	23:24	0	8		180			FS	30
1979	983921	120	5	11/12/1979	23:45	0	8.5		185			FS	30
1979	983922	118	5	11/12/1979	23:57	0	8.5		190			FS	30
1979	983923	114	5	11/13/1979	0:26	0	8.5		200			FS	30
1979	983924	112	5	11/13/1979	0:43	0	8.5		200			FS	30
1979	983925	112	5	11/13/1979	0:51	0	8.5		200			FS	30
1979	983926	111	5	11/13/1979	1:02	0	8.5		200			FS	30
1979	983927	111	5	11/13/1979	1:15	0	8.5		200			FS	30
1979	983928	110	5	11/13/1979	1:25	0	8.5		200			FS	30
1979	983929	110	5	11/13/1979	1:36	0	8.5		200			FS	30
1979	983930	109	5	11/13/1979	1:49	0	8.5		200			FS	30
1979	983931	109	5	11/13/1979	1:58	0	8.5		200			FS	30
1979	983932	108	5	11/13/1979	2:09	0	8.5		200			FS	30
1979	983933	108	5	11/13/1979	2:19	0	8.5		200			FS	30
1979	983934	108	5	11/13/1979	2:30	0	8.5		200			FS	30
1979	983935	107	5	11/13/1979	2:40	0	8.5		200			FS	30
1979	983936	107	5	11/13/1979	2:48	0	8.5		205			FS	30
1979	983937	107	5	11/13/1979	3:08	0	8.5		205			FS	30
1979	983938	106	5	11/13/1979	21:32	0	8.5		205			FS	30
1979	983939	106	5	11/13/1979	21:40	0	8.5		205			FS	30
1979	983940	105	5	11/13/1979	21:52	0	8.5		210			FS	30
1979	983941	105	5	11/13/1979	22:04	0	8.5		285			FS	30
1979	983942	102	5	11/13/1979	22:20	0	8.5		260			FS	30
1979	983943	100	5	11/13/1979	22:20	0	8.5		250			FS	30
1979	983944	98	5	11/13/1979	22:55	0	8.5		245			FS	30
1979	983945	98	5	11/13/1979	23:03	0	8.5		265			FS	30
1979	983946	98	5	11/13/1979	23:14	0	8.5		235			FS	30
1979	983948	98	5	11/14/1979	0:03	0	8.5		255			FS	30
1979	983949	98	5	11/14/1979	0:15	0	8.5		245			FS	30
1979	983950	97	5	11/14/1979	0:26	0	8.5		235			FS	30
1979	983951	96	5	11/14/1979	0:36	0	8.5		250			FS	30
1979	983952	96	5	11/14/1979	0:48	0	9		235			FS	30
1979	983953	96	5	11/14/1979	1:00	0	9		270			FS	30
1979	983954	95	5	11/14/1979	1:12	0	9		240			FS	30
1979	983955	94	5	11/14/1979	1:40	0	9		225			FS	30
1979	983956	94	5	11/14/1979	1:48	0	9		205			FS	30
1979	983957	93	5	11/14/1979	1:55	0	9		235			FS	30
1979	983958	93	5	11/14/1979	2:02	0	9		230			FS	30
1979	983959	92	5	11/14/1979	2:14	0	9		225			FS	30
1979	983960	92	5	11/14/1979	2:25	0	9		240			FS	30
1979	983961	92	5	11/14/1979	2:35	0	9		255			FS	30
1979	983962	92	5	11/14/1979	2:46	0	9		235			FS	30

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1979	983963	90	5	11/14/1979	2:56	0	9		225			FS	30
1979	983964	90	5	11/14/1979	3:04	0	9		270			FS	30
1979	983965	90	5	11/14/1979	3:13	0	9		265			FS	30
1979	983966	88	5	11/14/1979	3:24	0	9		300			FS	30
1979	983967	88	5	11/14/1979	3:37	0	9		230			FS	30
1979	983968	87	5	11/14/1979	4:05	0	9		285			FS	30
1979	983969	86	5	11/14/1979	4:18	0	9		235			FS	30
1979	983970	86	5	11/14/1979	4:29	0	9		220			FS	30
1979	983971	86	5	11/14/1979	5:00	0	9		215			FS	30
1979	983972	84	5	11/14/1979	21:19	0	8.5		220			FS	30
1979	983973	84	5	11/14/1979	21:30	0	9		195			FS	30
1979	983974	83	5	11/14/1979	21:43	0	9		190			FS	30
1979	983975	82	5	11/14/1979	21:54	0	9		190			FS	30
1979	983976	82	5	11/14/1979	22:01	0	9		195			FS	30
1979	983977	80	5	11/14/1979	22:16	0	9		190			FS	30
1979	983978	80	5	11/14/1979	22:25	0	9		185			FS	30
1979	983979	78	5	11/14/1979	22:37	0	9		190			FS	30
1979	983980	78	5	11/14/1979	22:48	0	9		190			FS	30
1979	983981	78	5	11/14/1979	22:57	0	9		190			FS	30
1979	983982	75	5	11/14/1979	23:15	0	8.5		185			FS	30
1979	983983	74	5	11/14/1979	23:26	0	9		190			FS	30
1979	983984	73	5	11/14/1979	23:37	0	9		190			FS	30
1979	983985	72	5	11/14/1979	23:47	0	9		190			FS	30
1979	983986	69	5	11/18/1979	0:14	0	9.5		190			FS	30
1979	983987	66	5	11/15/1979	0:36	0	10		195			FS	30
1979	983988	64	5	11/15/1979	0:50	0	10		195			FS	30
1979	983989	62	5	11/15/1979	1:12	0	10		200			FS	30
1979	983990	60	5	11/15/1979	1:27	0	10.5		200			FS	30
1979	983991	59	5	11/15/1979	1:35	0	10.5		200			FS	30
1979	983992	59	5	11/15/1979	1:43	0	10.5		200			FS	30
1979	983993	58	6	11/15/1979	1:56	0	10		205			FS	30
1979	983994	58	5	11/15/1979	2:05	0	10		200			FS	30
1979	983995	58	5	11/15/1979	2:15	0	10		200			FS	30
1979	983996	57	6	11/15/1979	2:33	0	10		205			FS	30
1979	983998	57	4	11/15/1979	2:58	0	10		205			FS	30
1979	983999	57	5	11/15/1979	3:07	0	10		205			FS	30
1979	984000	56	5	11/15/1979	3:15	0	10		200			FS	30
1979	984001	56	5	11/15/1979	3:26	0	10		205			FS	30
1979	984002	56	6	11/15/1979	3:36	0	10		205			FS	30
1979	984003	56	6	11/15/1979	3:45	0	10		205			FS	30
1979	984004	55	5	11/15/1979	18:28	0	10		220			FS	30
1979	984005	55	5	11/15/1979	18:36	0	10		220			FS	30
1979	984006	55	5	11/15/1979	18:46	0	10		220			FS	30
1979	984007	54	5	11/15/1979	19:00	0	10		210			FS	30
1979	984008	53	5	11/15/1979	19:17	0	10		235			FS	30
1979	984009	53	5	11/15/1979	19:30	0	10		230			FS	30
1979	984010	50	5	11/15/1979	19:57	0	10		805			FS	30
1979	984011	49	5	11/15/1979	20:18	0	10.5		1100			FS	30
1979	984012	55	5	11/26/1979	19:20	0	11		475			FS	31
1979	984016	54	5	11/26/1979	20:05	0	11		640			FS	31
1979	984017	53	5	11/26/1979	20:20	0	11		610			FS	31
1979	984018	50	5	11/26/1979	20:45	0	11		1150			FS	31
1979	984019	49	5	11/26/1979	21:00	0	11		1200			FS	31
1979	984020	48	5	11/26/1979	21:20	0	11		1400			FS	31
1979	984022	48	5	11/26/1979	21:50	0	11		1300			FS	31
1979	984023	48	5	11/26/1979	22:00	0	11		1350			FS	31
1979	984025	45	5	11/26/1979	22:34	0	11		1550			FS	31
1979	984026	42	5	11/26/1979	23:00	0	11		2450			FS	31
1979	984027	42	4	11/26/1979	23:10	0	12		2500			FS	31

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	984028	41	4	11/26/1979	23:20	0	12		2650			FS	31
1979	984029	41	4	11/26/1979	23:35	0	12		2550			FS	31
1979	984030	41	5	11/26/1979	23:45	0	12		2200			FS	31
1979	984031	41	5	11/27/1979	1:00	0	11		1600			FS	31
1979	984032	41	4	11/27/1979	1:15	0	11.5		1850			FS	31
1979	984033	40	4	11/27/1979	1:25	0	11.5		2000			FS	31
1979	984034	40	5	11/27/1979	1:35	0	11.5		1700			FS	31
1979	984035	40	5	11/27/1979	1:45	0	11.5		1850			FS	31
1979	984036	39	5	11/27/1979	1:55	0	11.5		1950			FS	31
1979	984037	39	5	11/27/1979	2:05	0	11.5		1950			FS	31
1979	984038	39	6	11/27/1979	2:20	0	12		2400			FS	31
1979	984039	14	5	11/27/1979	19:15	4	12	8.7	10500			FS	31
1979	984040	14	4	11/27/1979	19:25	6	12	10	9650			FS	31
1979	984041	16	4	11/27/1979	19:45	5	12	8.9	9350			FS	31
1979	984042	16	4	11/27/1979	19:55	0	12		7600			FS	31
1979	984042	16	4	11/27/1979	19:55	11	10.5	11.4	375			FS	31
1979	984043	17	4	11/27/1979	20:20	5	12	9.1	7600			FS	31
1979	984044	18	4	11/27/1979	20:30	5	12	9.5	7500			FS	31
1979	984045	20	4	11/27/1979	21:00	6	12	6.1	6350			FS	31
1979	984046	21	5	11/27/1979	21:10	4	12	6.3	6250			FS	31
1979	984047	21	5	11/27/1979	21:20	4	12	7.2	6250			FS	31
1979	984048	21	5	11/27/1979	21:30	4	12	7.6	6100			FS	31
1979	984049	22	5	11/27/1979	21:50	4	12	8.4	5650			FS	31
1979	984050	23	4	11/27/1979	22:05	5	12	8.2	6300			FS	31
1979	984051	25	5	11/27/1979	22:20	15	12	9.2	4650			FS	31
1979	984052	25	5	11/27/1979	22:40	0	12		4350			FS	31
1979	984053	25	5	11/27/1979	22:50	4	12	10	4250			FS	31
1979	984054	26	5	11/27/1979	23:00	4	12	9.7	4100			FS	31
1979	984055	25	4	11/27/1979	23:10	5	12	9.7	4350			FS	31
1979	984056	25	4	11/27/1979	23:20	5	12	10	4350			FS	31
1979	984057	25	4	11/27/1979	23:30	5	12	9.7	4450			FS	31
1979	984058	26	4	11/27/1979	23:37	4	12	9.6	4450			FS	31
1979	984059	26	4	11/27/1979	23:45	5	12	9.3	4200			FS	31
1979	984060	26	4	11/27/1979	23:55	5	12	8.8	4150			FS	31
1979	984061	26	4	11/28/1979	0:01	5	12.5	10.2	4050			FS	31
1979	984062	27	4	11/28/1979	0:15	5	12.5	8.8	3600			FS	31
1979	984063	28	6	11/28/1979	18:17	5	13.5	10.7	3450			FS	31
1979	984064	38	5	11/28/1979	22:40	0	10.5		325			FS	31
1979	984065	38	5	11/28/1979	22:50	4	10	11.2	335			FS	31
1979	984066	38	5	11/28/1979	23:05	11	10.5	11.8	330			FS	31
1979	984067	37	4	11/28/1979	23:20	5	10.5	11.4	435			FS	31
1979	984068	37	6	11/28/1979	23:30	3	10.5	11.4	430			FS	31
1979	984069	37	6	11/28/1979	23:37	3	10.5	11.6	380			FS	31
1979	984070	37	5	11/28/1979	23:45	8	10	11.8	380			FS	31
1979	984071	37	5	11/28/1979	23:55	8	10.5	11.8	360			FS	31
1979	984073	36	5	11/29/1979	0:15	12	10.5	11.9	370			FS	31
1979	984074	37	6	11/29/1979	0:25	3	10.5	11.7	370			FS	31
1979	984075	36	6	11/29/1979	0:35	3	10	11.2	380			FS	31
1979	984076	36	6	11/29/1979	0:45	3	10	10.9	360			FS	31
1979	984077	36	6	11/29/1979	0:55	5	10.5	10.9	370			FS	31
1979	984078	36	4	11/29/1979	1:15	5	10.5	11.1	635			FS	31
1979	984079	36	4	11/29/1979	1:25	5	10.5	11.1	710			FS	31
1979	984080	35	5	11/29/1979	1:35	11	10	11.7	345			FS	31
1979	984081	35	5	11/29/1979	1:45	4	10	11.2	315			FS	31
1979	984082	36	6	11/29/1979	1:55	3	10	11.3	370			FS	31
1979	984083	35	6	11/29/1979	2:00	3	10	12.6	360			FS	31
1979	984084	35	6	11/29/1979	2:15	3	10	12.1	465			FS	31
1979	984085	35	6	11/29/1979	2:25	3	10	12	405			FS	31
1979	984086	35	6	11/29/1979	2:35	0	10		495			FS	31

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	984087	35	6	11/29/1979	2:45	5	10	11.2	495			FS	31
1979	984088	35	6	11/29/1979	3:00	5	10	10.9	370			FS	31
1979	984089	28	5	11/29/1979	18:15	11	11	9.5	2050			FS	31
1979	984090	28	5	11/29/1979	18:25	4	10	11	1900			FS	31
1979	984091	28	5	11/29/1979	18:35	4	10	11.4	1800			FS	31
1979	984092	28	4	11/29/1979	18:45	5	10	12.2	1950			FS	31
1979	984093	28	4	11/29/1979	19:00	5	10.5	11	2050			FS	31
1979	984094	29	4	11/29/1979	19:10	5	11	11	2050			FS	31
1979	984095	29	4	11/29/1979	19:20	5	11	11	2050			FS	31
1979	984096	30	4	11/29/1979	19:30	4	10.5	11.2	2050			FS	31
1979	984097	30	4	11/29/1979	19:45	3	10.5	11.3	2150			FS	31
1979	984098	29	5	11/29/1979	20:25	9	10	11.5	2000			FS	31
1979	984099	30	6	11/29/1979	20:33	3	10	11.5	1650			FS	31
1979	984100	30	6	11/29/1979	20:40	3	10	11.5	1300			FS	31
1979	984101	30	6	11/29/1979	20:50	5	10	11.2	1300			FS	31
1979	984102	30	6	11/29/1979	21:00	3	10	10.8	1300			FS	31
1979	984103	31	6	11/29/1979	21:10	3	10	10.5	1400			FS	31
1979	984104	31	5	11/29/1979	21:25	9	10	10.1	1600			FS	31
1979	984105	30	5	11/29/1979	21:35	4	9	10.8	1300			FS	31
1979	984106	30	4	11/29/1979	21:45	6	10.5	10.8	1650			FS	31
1979	984107	30	4	11/29/1979	21:55	5	10.5	10.8	1600			FS	31
1979	984108	30	4	11/29/1979	22:05	3	10	11.2	1550			FS	31
1979	984109	32	4	11/29/1979	22:15	3	10	11.7	1500			FS	31
1979	984110	31	5	11/29/1979	22:25	12	9.5	11.7	970			FS	31
1979	984111	32	5	11/29/1979	22:35	12	9		1500			FS	31
1979	984112	31	6	11/29/1979	22:45	3	9	11.4	1100			FS	31
1979	984113	31	6	11/29/1979	22:55	2	9	11	1300			FS	31
1979	984114	32	6	11/29/1979	23:03	2	9	11	830			FS	31
1979	984115	32	6	11/29/1979	23:10	5	9	11.1	770			FS	31
1979	984116	32	6	11/29/1979	23:40	3	9	10.1	690			FS	31
1979	984117	33	6	11/29/1979	23:45	6	9	10.4	620			FS	31
1979	984118	33	5	11/29/1979	23:55	9	9	10.8	555			FS	31
1979	984119	32	5	11/30/1979	0:05	9	9	10.6	670			FS	31
1979	984120	33	5	11/30/1979	0:20	9	9	10.6	690			FS	31
1979	984121	33	5	11/30/1979	0:30	8	9.5	10.8	690			FS	31
1979	984122	34	5	11/30/1979	0:40	11	9.5	11.1	470			FS	31
1979	984123	34	5	11/30/1979	0:50	11	9.5		415			FS	31
1979	984124	15	5	12/10/1979	17:24	0	7.5		4550			FS	32
1979	984125	16	4	12/10/1979	17:41	6	7.5	9.1	6900			FS	32
1979	984126	17	5	12/10/1979	17:55	4	6.5	9.6	1350			FS	32
1979	984127	17	4	12/10/1979	18:03	6	7	9.2	7600			FS	32
1979	984128	17	5	12/10/1979	18:17	4	7	9.3	1400			FS	32
1979	984129	19	5	12/10/1979	18:33	0	7		1000			FS	32
1979	984130	21	4	12/10/1979	18:47	0	7		2300			FS	32
1979	984131	21	4	12/10/1979	19:02	0	6.5		750			FS	32
1979	984132	22	5	12/10/1979	19:13	0	6.5		630			FS	32
1979	984133	22	4	12/10/1979	19:25	0	6.5		605			FS	32
1979	984134	22	4	12/10/1979	19:42	0	6.5		590			FS	32
1979	984135	23	4	12/10/1979	19:55	0	6.5		1100			FS	32
1979	984136	24	5	12/10/1979	20:15	0	6.5		565			FS	32
1979	984137	24	5	12/10/1979	20:23	0	6.5		605			FS	32
1979	984138	24	4	12/10/1979	20:34	0	6		400			FS	32
1979	984139	25	4	12/10/1979	20:53	0	5.5		285			FS	32
1979	984140	25	4	12/10/1979	21:03	0	5		365			FS	32
1979	984141	26	4	12/10/1979	21:13	0	6.5		335			FS	32
1979	984142	26	4	12/10/1979	21:23	0	6.5		480			FS	32
1979	984143	25	5	12/10/1979	21:35	0	6		620			FS	32
1979	984144	25	6	12/10/1979	21:43	0	6		250			FS	32
1979	984145	26	5	12/10/1979	21:54	5	6.5	9.7	530			FS	32

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	984146	26	6	12/11/1979	17:25	4	7.5	10.6	2050			FS	32
1979	984147	26	5	12/11/1979	17:38	4	7	10.4	2450			FS	32
1979	984148	26	5	12/11/1979	17:47	4	7	10.2	2150			FS	32
1979	984149	26	4	12/11/1979	17:58	3	7	10.2	2100			FS	32
1979	984150	27	4	12/11/1979	18:12	5	7	10.1	2100			FS	32
1979	984151	27	4	12/11/1979	18:24	0	6.5		1000			FS	32
1979	984152	27	4	12/11/1979	18:34	3	6.5	11	835			FS	32
1979	984153	27	4	12/11/1979	18:42	0	6		620			FS	32
1979	984154	27	4	12/11/1979	18:52	3	6	10.4	570			FS	32
1979	984155	28	4	12/11/1979	19:01	3	6	10.5	550			FS	32
1979	984156	28	4	12/11/1979	19:10	3	6	11	610			FS	32
1979	984157	28	4	12/11/1979	19:19	5	6.5	10.2	945			FS	32
1979	984158	29	4	12/11/1979	19:30	3	6.5	10.3	675			FS	32
1979	984159	29	4	12/11/1979	19:38	5	6.5	10.5	1000			FS	32
1979	984160	29	4	12/11/1979	19:48	4	6.5	10.5	905			FS	32
1979	984161	28	5	12/11/1979	20:04	8	7	10.2	3450			FS	32
1979	984162	28	5	12/11/1979	20:14	14	7.5	8.9	1350			FS	32
1979	984163	28	5	12/11/1979	20:23	0	7		1050			FS	32
1979	984164	29	5	12/11/1979	20:37	8	6.5	10.6	1200			FS	32
1979	984165	29	5	12/11/1979	20:52	4	6.5	10.8	610			FS	32
1979	984166	30	5	12/11/1979	21:05	13	7	9.2	8200			FS	32
1979	984167	30	4	12/11/1979	21:21	4	6.5	10.4	865			FS	32
1979	984168	30	4	12/11/1979	21:31	3	7	10.3	640			FS	32
1979	984169	30	4	12/11/1979	21:39	3	6.5	10.4	525			FS	32
1979	984170	31	4	12/11/1979	21:48	3	6.5	10.3	425			FS	32
1979	984171	31	4	12/11/1979	21:56	4	7	10.3	530			FS	32
1979	984172	31	6	12/11/1979	22:08	4	6	10.6	240			FS	32
1979	984173	31	4	12/11/1979	22:23	3	7	10.6	375			FS	32
1979	984174	32	4	12/11/1979	22:32	5	7	10.5	330			FS	32
1979	984175	32	5	12/11/1979	22:42	8	7	10.2	245			FS	32
1979	984176	32	4	12/11/1979	22:52	4	7	10.4	230			FS	32
1979	984177	33	4	12/11/1979	23:07	4	6.5	10.6	225			FS	32
1979	984178	32	5	12/11/1979	23:17	4	7	10.4	210			FS	32
1979	984179	32	6	12/11/1979	23:33	3	6	10.7	210			FS	32
1979	984180	32	5	12/11/1979	23:45	4	7	10.3	210			FS	32
1979	984181	33	5	12/11/1979	23:52	4	7	10.3	210			FS	32
1979	984182	34	6	12/12/1979	17:13	4	9.5	5.7	215			FS	32
1979	984183	34	6	12/12/1979	17:23	4	7.5	10.9	300			FS	32
1979	984184	34	6	12/12/1979	17:32	4	7.5	10.8	270			FS	32
1979	984185	34	6	12/12/1979	17:42	4	7.5	10.4	415			FS	32
1979	984186	34	6	12/12/1979	17:50	4	7.5	10.7	395			FS	32
1979	984187	35	5	12/12/1979	18:04	4	8	10.1	205			FS	32
1979	984188	35	5	12/12/1979	18:13	4	8	10.1	200			FS	32
1979	984189	36	5	12/12/1979	18:23	11	8	10.3	350			FS	32
1979	984190	36	5	12/12/1979	18:33	9	7.5	10.3	750			FS	32
1979	984191	35	6	12/12/1979	18:43	5	8	10.4	220			FS	32
1979	984192	35	6	12/12/1979	18:54	3	7.5	10.5	335			FS	32
1979	984193	35	6	12/12/1979	19:03	3	7.5	10.3	205			FS	32
1979	984194	35	6	12/12/1979	19:13	3	7	11.1	210			FS	32
1979	984195	36	6	12/12/1979	19:23	3	7	10.8	200			FS	32
1979	984196	36	6	12/12/1979	19:34	3	7.5	10.5	200			FS	32
1979	984197	37	6	12/12/1979	19:42	3	7.5	10.2	205			FS	32
1979	984198	37	6	12/12/1979	19:53	3	7.5	10.7	205			FS	32
1979	984199	37	5	12/12/1979	20:15	0	7.5		195			FS	32
1979	984200	37	5	12/12/1979	20:23	0	8		200			FS	32
1979	984201	37	5	12/12/1979	20:34	7	8	10.3	195			FS	32
1979	984202	37	5	12/12/1979	20:43	7	8	10.4	195			FS	32
1979	984203	37	5	12/12/1979	20:52	9	8	10.5	210			FS	32
1979	984204	37	5	12/12/1979	21:02	9	7.5	10.2	195			FS	32

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1979	984205	37	6	12/12/1979	21:14	4	8	10.8	200			FS	32
1979	984206	38	5	12/12/1979	21:30	10	8	10.6	195			FS	32
1979	984207	38	6	12/12/1979	21:42	3	8	10.4	195			FS	32
1979	984208	38	6	12/12/1979	21:52	0	7.5		200			FS	32
1979	984209	39	6	12/12/1979	22:02	3	8	10.6	195			FS	32
1979	984210	39	5	12/12/1979	22:49	11	8	10.5	190			FS	32
1979	984211	39	5	12/12/1979	22:58	5	8	10.3	185			FS	32
1979	984212	39	4	12/12/1979	23:09	3	8	10.3	185			FS	32
1979	984213	40	4	12/12/1979	23:23	3	8.5	10.5	190			FS	32
1979	984214	40	4	12/12/1979	23:38	6	8	10.4	180			FS	32
1979	984215	40	5	12/12/1979	23:47	13	7.5	10.4	180			FS	32
1979	984216	41	5	12/12/1979	23:56	12	8	10.4	180			FS	32
1979	984217	41	5	12/13/1979	0:07	0	7.5		185			FS	32
1979	984218	41	5	12/13/1979	0:18	14	7.5	10.2	185			FS	32
1979	984219	41	4	12/13/1979	0:29	5	7.5	10.3	180			FS	32
1979	984220	41	4	12/13/1979	0:38	5	7.5	10.2	180			FS	32
1979	984221	41	5	12/13/1979	0:48	15	7.5	10.4	185			FS	32
1980	2	16	5	7/7/1980	21:47	6.9	22.5	5.2	24500			FS	1
1980	3	15	4	7/7/1980	21:16	0	23		26500			FS	1
1980	4	16	4	7/7/1980	21:26	0	23		25500			FS	1
1980	5	17	4	7/7/1980	21:39	0	22		24000			FS	1
1980	6	17	5	7/7/1980	22:01	9	22.5	5	24000			FS	1
1980	7	19	4	7/7/1980	22:17	0	22.5		20500			FS	1
1980	8	20	5	7/7/1980	22:35	0	23		18500			FS	1
1980	9	21	5	7/7/1980	22:45	6.6	23.5	6.8	18000			FS	1
1980	10	22	4	7/7/1980	22:57	0	24		16500			FS	1
1980	11	22	5	7/7/1980	23:06	0	23		17500			FS	1
1980	12	22	4	7/7/1980	23:16	0	23		18000			FS	1
1980	13	23	4	7/7/1980	23:32	0	23		15500			FS	1
1980	14	24	4	7/7/1980	23:44	0	23.5		14000			FS	1
1980	15	25	4	7/7/1980	23:55	0	23.5		14500			FS	1
1980	16	25	4	7/8/1980	0:05	0	24		14000			FS	1
1980	17	25	4	7/8/1980	0:14	0	24		13500			FS	1
1980	18	25	5	7/8/1980	0:25	6.9	23.5	6.7	14500			FS	1
1980	19	26	5	7/8/1980	0:35	0	23.5		12500			FS	1
1980	20	26	5	7/8/1980	0:44	6.9	23.5	11.9	12500			FS	1
1980	21	26	5	7/8/1980	0:59	9	23.5	5.9	14500			FS	1
1980	22	26	6	7/8/1980	1:08	0	23		15500			FS	1
1980	23	26	4	7/8/1980	1:20	0	23		13500			FS	1
1980	24	26	4	7/8/1980	1:28	0	23.5		12500			FS	1
1980	25	26	4	7/8/1980	1:37	0	23		13500			FS	1
1980	26	27	4	7/8/1980	1:50	0	23		13000			FS	1
1980	27	27	5	7/8/1980	2:01	0	23.5		9350			FS	1
1980	28	27	4	7/8/1980	21:22	0	24		15500			FS	1
1980	29	27	4	7/8/1980	21:30	0	24		14500			FS	1
1980	30	27	4	7/8/1980	21:40	0	24		15000			FS	1
1980	31	28	5	7/8/1980	21:50	8.7	23.5	5.9	16000			FS	1
1980	32	28	5	7/8/1980	22:00	12	23	11.6	16000			FS	1
1980	33	28	4	7/8/1980	22:10	0	24		14000			FS	1
1980	34	28	4	7/8/1980	22:23	0	24		13500			FS	1
1980	35	28	4	7/8/1980	22:32	0	24		14000			FS	1
1980	36	28	4	7/8/1980	22:40	0	24		13500			FS	1
1980	37	28	4	7/8/1980	22:48	0	24		13500			FS	1
1980	38	29	4	7/8/1980	22:57	0	24		13500			FS	1
1980	39	29	4	7/8/1980	23:05	0	24		12500			FS	1
1980	40	29	4	7/8/1980	23:17	0	24		12500			FS	1
1980	41	29	4	7/8/1980	23:28	0	24.5		12000			FS	1
1980	42	30	4	7/8/1980	23:38	0	24.5		12000			FS	1
1980	43	29	4	7/8/1980	23:47	0	24		12500			FS	1

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	44	29	5	7/9/1980	0:01	0	24		12500			FS	1
1980	45	29	6	7/9/1980	0:12	0	24		12000			FS	1
1980	46	30	5	7/9/1980	0:32	0	24		8800			FS	1
1980	47	31	4	7/9/1980	0:43	0	24		10500			FS	1
1980	48	31	4	7/9/1980	0:50	0	24		10500			FS	1
1980	49	31	5	7/9/1980	1:05	10.8	23.5	5.9	12500			FS	1
1980	50	31	6	7/9/1980	1:13	0	24		9250			FS	1
1980	51	32	6	7/9/1980	1:21	0	24		8900			FS	1
1980	52	32	6	7/9/1980	1:32	0	24		8750			FS	1
1980	53	32	5	7/9/1980	2:44	10.5	23	4.8	9350			FS	1
1980	54	32	5	7/9/1980	2:53	11.7	23.5	4.5	10000			FS	1
1980	55	32	5	7/9/1980	3:00	0	24		8400			FS	1
1980	56	32	5	7/9/1980	3:13	0	24		8250			FS	1
1980	57	32	5	7/9/1980	3:20	8.7	24	6.6	7850			FS	1
1980	58	33	5	7/9/1980	3:30	11.7	24	7.2	9150			FS	1
1980	59	33	6	7/9/1980	3:43	0	24		7550			FS	1
1980	60	34	6	7/9/1980	21:23	0	25.5		8150			FS	1
1980	61	34	6	7/9/1980	21:32	0	25.5		8400			FS	1
1980	62	34	5	7/9/1980	21:40	13.2	24	5.4	9850			FS	1
1980	63	34	5	7/9/1980	21:49	0	25.5		8250			FS	1
1980	64	35	6	7/9/1980	22:02	0	25.5		8400			FS	1
1980	65	35	6	7/9/1980	22:11	0	26		7250			FS	1
1980	66	35	6	7/9/1980	22:19	0	26.5		7050			FS	1
1980	67	35	6	7/9/1980	22:27	0	26.5		7100			FS	1
1980	68	35	6	7/9/1980	22:35	0	27		7000			FS	1
1980	69	35	6	7/9/1980	22:44	0	26.5		7250			FS	1
1980	70	36	6	7/9/1980	22:53	0	25.5		7450			FS	1
1980	71	36	6	7/9/1980	23:02	0	26		7200			FS	1
1980	72	37	6	7/9/1980	23:12	0	26		7000			FS	1
1980	73	36	5	7/9/1980	23:36	11.7	24	5.2	10500			FS	1
1980	74	36	5	7/9/1980	23:45	8.7	24	5.4	9850			FS	1
1980	75	37	5	7/9/1980	23:55	8.7	24.5	5.8	8200			FS	1
1980	76	36	4	7/10/1980	0:07	5.4	26		7300			FS	1
1980	77	37	5	7/10/1980	0:25	8.7	24.5	5.2	9300			FS	1
1980	78	37	6	7/10/1980	0:35	0	25		7350			FS	1
1980	79	37	5	7/10/1980	0:45	8.4	24	5.3	9200			FS	1
1980	80	37	5	7/10/1980	0:55	9	24	5.2	9050			FS	1
1980	81	38	5	7/10/1980	1:07	10.5	25	5.4	8550			FS	1
1980	82	38	5	7/10/1980	1:25	0	25.5		7350			FS	1
1980	83	38	6	7/10/1980	1:36	0	25.5		7150			FS	1
1980	84	38	6	7/10/1980	1:44	0	25.5		7250			FS	1
1980	85	39	6	7/10/1980	1:49	0	25.5		6800			FS	1
1980	86	39	6	7/10/1980	1:58	0	25.5		6550			FS	1
1980	87	39	5	7/10/1980	2:15	8.4	24.5	4.7	7050			FS	1
1980	88	39	5	7/10/1980	2:26	5.7	26		6250			FS	1
1980	89	41	6	7/10/1980	2:45	0	27		6200			FS	1
1980	90	41	5	7/10/1980	21:12	0	26		4400			FS	1
1980	91	42	5	7/10/1980	21:23	21.6	25.5	6.7	4450			FS	1
1980	93	43	5	7/10/1980	21:50	18	25	7.8	5100			FS	1
1980	94	43	5	7/10/1980	22:04	10.5	25.5	6.3	4400			FS	1
1980	96	43	6	7/10/1980	22:41	0	26		4250			FS	1
1980	97	43	6	7/10/1980	22:47	0	25.5		4350			FS	1
1980	98	43	5	7/10/1980	22:56	11.7	25.5	6.3	5100			FS	1
1980	99	43	5	7/10/1980	23:07	8.7	25	7.9	5850			FS	1
1980	100	44	4	7/10/1980	23:23	0	25.5		3750			FS	1
1980	101	137	5	7/7/1980	21:48	9	23	6.5	130			FS	1
1980	102	136	5	7/7/1980	22:00	10.2	23	6.5	225			FS	1
1980	103	136	5	7/7/1980	22:12	10.2	23	6.8	225			FS	1
1980	104	134	5	7/7/1980	22:33	10.5	23	6.9	225			FS	1

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	105	133	5	7/7/1980	22:47	10.5	23	7	225			FS	1
1980	106	129	5	7/7/1980	23:14	10.5	23	7.8	220			FS	1
1980	107	129	5	7/7/1980	23:25	10.8	23	7.9	220			FS	1
1980	108	126	5	7/7/1980	23:50	10.2	23	8.3	215			FS	1
1980	109	124	5	7/8/1980	0:10	10.5	23	8.3	215			FS	1
1980	110	123	5	7/8/1980	0:23	10.8	23	8.3	215			FS	1
1980	111	121	5	7/8/1980	0:41	12	23	8.2	215			FS	1
1980	112	116	5	7/8/1980	1:17	12	22.5	8.3	205			FS	1
1980	113	115	5	7/8/1980	1:37	10.5	22.5	8.8	205			FS	1
1980	114	115	5	7/8/1980	1:50	10.5	23	9	205			FS	1
1980	115	114	5	7/8/1980	2:08	12	23	9	205			FS	1
1980	116	113	5	7/8/1980	2:29	10.2	23	8.9	205			FS	1
1980	117	113	5	7/8/1980	2:49	0	23.5		205			FS	1
1980	118	111	5	7/8/1980	3:07	11.4	22.5	9.4	205			FS	1
1980	119	110	5	7/8/1980	3:21	0	23		205			FS	1
1980	120	109	5	7/8/1980	3:38	0	23		205			FS	1
1980	121	109	5	7/8/1980	3:47	10.5	22.5	9.3	205			FS	1
1980	122	109	5	7/8/1980	3:58	9.6	22.5	9	205			FS	1
1980	123	108	5	7/8/1980	4:10	7.5	22.5	9.1	205			FS	1
1980	124	108	5	7/8/1980	4:20	0	23		205			FS	1
1980	125	108	5	7/8/1980	4:33	0	22.5		205			FS	1
1980	126	108	5	7/8/1980	4:44	11.4	23	9.1	205			FS	1
1980	127	108	5	7/8/1980	4:55	6.6	23	9.1	205			FS	1
1980	128	107	5	7/8/1980	5:07	0	23		205			FS	1
1980	129	107	5	7/8/1980	21:52	3	23		205			FS	1
1980	130	107	5	7/8/1980	22:04	7.5	23	8.9	205			FS	1
1980	131	106	5	7/8/1980	22:18	0	23		205			FS	1
1980	132	103	5	7/8/1980	22:44	0	23		205			FS	1
1980	133	103	5	7/8/1980	22:54	9.3	23	9	205			FS	1
1980	134	103	5	7/8/1980	23:06	8.4	22.5	8.7	205			FS	1
1980	135	102	5	7/8/1980	23:20	12	23	8.7	200			FS	1
1980	136	101	5	7/8/1980	23:34	0	22.5		200			FS	1
1980	137	101	5	7/8/1980	23:50	0	23		200			FS	1
1980	138	100	5	7/9/1980	0:09	7.5	22	8.9	200			FS	1
1980	139	100	5	7/9/1980	0:22	13.5	22.5	8.7	200			FS	1
1980	140	98	5	7/9/1980	0:38	0	22		200			FS	1
1980	141	97	5	7/9/1980	0:51	9.6	22.5	8.8	200			FS	1
1980	142	97	5	7/9/1980	1:00	13.5	22.5	8.9	200			FS	1
1980	143	96	5	7/9/1980	1:23	0	23		205			FS	1
1980	144	96	5	7/9/1980	1:37	0	22.5		205			FS	1
1980	145	95	5	7/9/1980	1:45	10.5						FS	1
1980	146	95	5	7/9/1980	1:56	10.5	22.5	8	200			FS	1
1980	147	95	5	7/9/1980	2:07	10.5	22.5	8	200			FS	1
1980	148	95	5	7/9/1980	2:27	7.5	22	8	200			FS	1
1980	149	95	5	7/9/1980	2:40	10.5	22	7.9	200			FS	1
1980	150	93	5	7/9/1980	2:56	0	23		200			FS	1
1980	151	92	5	7/9/1980	3:08	6.6	22	7.9	200			FS	1
1980	152	92	5	7/9/1980	3:21	7.2	22	7.8	200			FS	1
1980	153	92	5	7/9/1980	3:43	11.4	22	7.9	205			FS	1
1980	154	92	5	7/9/1980	4:27	0	22.5		205			FS	1
1980	155	92	5	7/9/1980	4:44	10.5						FS	1
1980	156	92	5	7/9/1980	21:19	7.5	23.5	9.1	200			FS	1
1980	157	91	5	7/9/1980	21:54	0	23.5		205			FS	1
1980	158	91	5	7/9/1980	22:05	0	23.5		205			FS	1
1980	159	91	5	7/9/1980	22:18	0	23		200			FS	1
1980	160	89	5	7/9/1980	22:39	13.5	23	8.8	200			FS	1
1980	161	89	5	7/9/1980	22:50	10.5	23	8.8	200			FS	1
1980	162	89	5	7/9/1980	23:02	18	23	8.5	200			FS	1
1980	163	89	5	7/9/1980	23:32	16.5	23	8.4	200			FS	1

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1980	164	88	5	7/9/1980	23:43	10.5	23	8.4	200			FS	1
1980	165	87	5	7/9/1980	23:57	0	23		205			FS	1
1980	166	85	5	7/10/1980	0:12	0	23		205			FS	1
1980	167	85	5	7/10/1980	0:22	10.5	22.5	7.9	205			FS	1
1980	168	85	5	7/10/1980	0:33	12	23	7.9	205			FS	1
1980	169	84	5	7/10/1980	0:44	0	23		205			FS	1
1980	170	83	5	7/10/1980	0:58	0	23		205			FS	1
1980	171	80	5	7/10/1980	1:25	18.6	22.5	7	205			FS	1
1980	172	79	5	7/10/1980	1:42	0	23		205			FS	1
1980	173	78	5	7/10/1980	1:59	10.8						FS	1
1980	174	78	5	7/10/1980	2:13	10.8	22.5	7.1	205			FS	1
1980	175	78	5	7/10/1980	2:23	14.4	22.5	7.1	205			FS	1
1980	176	77	5	7/10/1980	2:37	22.5	22.5	7.1	205			FS	1
1980	177	75	5	7/10/1980	3:00	18	22.5	7.1	205			FS	1
1980	178	71	5	7/10/1980	3:31	18	22.5	7.3	205			FS	1
1980	179	69	5	7/10/1980	3:48	16.5	22.5	7.2	205			FS	1
1980	180	69	5	7/10/1980	4:00	0	23		205			FS	1
1980	181	69	5	7/10/1980	4:12	0	23		205			FS	1
1980	182	68	5	7/10/1980	4:23	0	23		205			FS	1
1980	183	68	5	7/10/1980	4:35	13.5	23	7.2	205			FS	1
1980	184	64	5	7/10/1980	4:56	11.4	23	7.1	210			FS	1
1980	185	61	6	7/10/1980	21:38	0	24		365			FS	1
1980	186	61	5	7/10/1980	21:50	9	23.5	7.4	365			FS	1
1980	187	59	5	7/10/1980	22:07	12.9	23.5	7.3	315			FS	1
1980	188	59	5	7/10/1980	22:20	11.7	23.5	7.3	435			FS	1
1980	189	59	5	7/10/1980	22:33	0	24		450			FS	1
1980	190	58	6	7/10/1980	22:43	0	24		430			FS	1
1980	191	58	6	7/10/1980	22:52	0	24		445			FS	1
1980	192	57	5	7/10/1980	23:07	0	24		770			FS	1
1980	193	56	5	7/10/1980	23:21	12.6	23	7.1	865			FS	1
1980	194	56	5	7/10/1980	23:36	12	23	6.8	990			FS	1
1980	195	56	6	7/10/1980	23:47	0	23.5		860			FS	1
1980	196	56	6	7/10/1980	23:58	0	23.5		820			FS	1
1980	197	56	5	7/11/1980	0:08	0	23.5		950			FS	1
1980	198	55	5	7/11/1980	0:18	15	23		1050			FS	1
1980	199	54	5	7/11/1980	0:39	0	23.5		1350			FS	1
1980	200	54	5	7/11/1980	0:54	9	23	6.9	1400			FS	1
1980	201	51	5	7/11/1980	1:22	18	23.5	6.7	2900			FS	1
1980	202	137	5	7/21/1980	21:13	10.5	28.5	6.7	190			FS	2
1980	203	136	5	7/21/1980	21:26	0	28		185			FS	2
1980	204	135	5	7/21/1980	21:46	12	27.5	5.9	200			FS	2
1980	205	134	5	7/21/1980	22:05	10.5	27	5.9	210			FS	2
1980	206	133	5	7/21/1980	22:22	10.5	27	5.7	210			FS	2
1980	207	131	5	7/21/1980	23:35	0	27		210			FS	2
1980	208	130	5	7/21/1980	23:49	12	27	6.5	210			FS	2
1980	209	130	5	7/21/1980	23:59	12	27	6.8	210			FS	2
1980	210	127	5	7/22/1980	0:25	10.5	26.5	7.6	220			FS	2
1980	211	44	4	7/10/1980	23:28	0	25		3350			FS	1
1980	212	44	5	7/10/1980	23:40	11.7	25	6.1	5350			FS	1
1980	213	47	5	7/10/1980	23:59	36	24.5	6.1	4150			FS	1
1980	214	48	5	7/11/1980	0:25	14.7	24.5	6.9	3750			FS	1
1980	215	51	5	7/11/1980	0:48	0	24.5		2500			FS	1
1980	216	52	5	7/11/1980	1:02	40.5	24	6.4	2800			FS	1
1980	217	15	4	7/21/1980	21:27	0	27.5		18500			FS	2
1980	218	16	4	7/21/1980	21:41	0	27.5		18000			FS	2
1980	219	17	5	7/21/1980	21:56	0	28		18000			FS	2
1980	220	18	5	7/21/1980	22:07	0	28.5		15500			FS	2
1980	221	19	4	7/21/1980	22:22	0	28		14500			FS	2
1980	222	20	5	7/21/1980	22:38	0	28		15000			FS	2

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1980	223	20	5	7/21/1980	22:47	7.5	27.5	8	16500			FS	2
1980	224	21	5	7/21/1980	22:58	8.4	26.5	7.7	18500			FS	2
1980	225	21	4	7/21/1980	23:12	0	28.5		12000			FS	2
1980	226	23	4	7/21/1980	23:35	0	27.5		13500			FS	2
1980	227	23	4	7/21/1980	23:44	0	28		11500			FS	2
1980	228	24	4	7/21/1980	23:25	0	27.5		11500			FS	2
1980	229	25	4	7/22/1980	0:02	0	28.5		9950			FS	2
1980	230	25	4	7/22/1980	0:17	0	28		11500			FS	2
1980	231	26	4	7/22/1980	0:27	0	28		10500			FS	2
1980	232	25	5	7/22/1980	1:17	15.3	25.5	4.4	19500			FS	2
1980	233	26	5	7/22/1980	1:30	13.5	26.5	5.3	16500			FS	2
1980	234	26	5	7/22/1980	1:41	0	28.5		9000			FS	2
1980	235	26	4	7/22/1980	1:50	0	28		9600			FS	2
1980	236	26	4	7/22/1980	2:02	0	28.5		9250			FS	2
1980	237	27	4	7/22/1980	2:15	0	28		9600			FS	2
1980	238	42	5	7/23/1980	0:05	0	27		6250			FS	2
1980	239	42	4	7/23/1980	0:12	0	28		6200			FS	2
1980	240	42	4	7/23/1980	0:21	0	28		6200			FS	2
1980	241	42	4	7/23/1980	0:29	0	27		6050			FS	2
1980	242	42	5	7/23/1980	0:44	6.3	27	6.3	6150			FS	2
1980	243	41	5	7/23/1980	0:54	0	28		6100			FS	2
1980	244	41	5	7/23/1980	1:01	13.2	27	6.5	6700			FS	2
1980	245	39	4	7/23/1980	1:19	0	27		7050			FS	2
1980	246	39	6	7/23/1980	1:30	0	28		6400			FS	2
1980	247	38	6	7/23/1980	1:40	0	28		6400			FS	2
1980	248	38	6	7/23/1980	1:50	0	28		7000			FS	2
1980	249	37	6	7/23/1980	1:59	0	28		6400			FS	2
1980	250	36	6	7/23/1980	2:09	0	28		6250			FS	2
1980	251	36	6	7/23/1980	2:15	0	28		6200			FS	2
1980	252	36	6	7/23/1980	2:23	0	28		6250			FS	2
1980	253	36	6	7/23/1980	2:35	0	28		6150			FS	2
1980	254	35	6	7/23/1980	2:43	0	28		6200			FS	2
1980	255	35	6	7/23/1980	2:52	0	28		6450			FS	2
1980	256	34	6	7/23/1980	3:02	0	28		6500			FS	2
1980	257	35	6	7/23/1980	3:11	0	28		6550			FS	2
1980	258	35	6	7/23/1980	3:20	0	28.8		6550			FS	2
1980	259	36	5	7/23/1980	3:36	8.1	27	5.2	11000			FS	2
1980	260	27	4	7/23/1980	21:19	0	29		11000			FS	2
1980	261	27	4	7/23/1980	21:30	0	28		10500			FS	2
1980	262	27	4	7/23/1980	21:36	0	28		10500			FS	2
1980	263	27	4	7/23/1980	21:44	0	27		11000			FS	2
1980	264	28	5	7/23/1980	21:56	13.2	25	3	23500			FS	2
1980	265	28	4	7/23/1980	22:06	0	27		10500			FS	2
1980	266	29	4	7/23/1980	22:16	0	28		10500			FS	2
1980	267	29	4	7/23/1980	22:25	0	28		10500			FS	2
1980	268	29	4	7/23/1980	22:38	0	28		9550			FS	2
1980	269	29	4	7/23/1980	22:47	0	28		9450			FS	2
1980	270	29	5	7/23/1980	23:00	0	27		8850			FS	2
1980	271	29	5	7/23/1980	23:11	0	28		11500			FS	2
1980	272	29	5	7/23/1980	23:20	9.6	25	5	20000			FS	2
1980	273	30	5	7/23/1980	23:30	0	27		9100			FS	2
1980	274	30	5	7/23/1980	23:40	7.5	26	6	18000			FS	2
1980	275	30	6	7/23/1980	23:47	0	28		7500			FS	2
1980	276	29	6	7/24/1980	0:01	0	27		9100			FS	2
1980	277	30	4	7/24/1980	0:08	0	27		8900			FS	2
1980	278	30	4	7/24/1980	0:16	0	27		9200			FS	2
1980	279	30	4	7/24/1980	0:23	0	27		9800			FS	2
1980	280	30	4	7/24/1980	1:24	0	27		8950			FS	2
1980	281	31	4	7/24/1980	1:34	0	27		8600			FS	2

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1980	282	31	5	7/24/1980	1:45	0	27		8850			FS	2
1980	283	31	4	7/24/1980	1:54	0	27		8900			FS	2
1980	284	31	5	7/24/1980	2:02	0	27		8450			FS	2
1980	285	31	5	7/24/1980	2:10	0	27		8150			FS	2
1980	286	31	6	7/24/1980	2:20	0	27		8800			FS	2
1980	287	32	6	7/24/1980	2:29	0	26		8500			FS	2
1980	288	32	6	7/24/1980	2:37	0	27		8400			FS	2
1980	289	32	5	7/24/1980	2:45	0	28		7950			FS	2
1980	290	32	5	7/24/1980	2:53	8.4	26	6	9750			FS	2
1980	291	32	5	7/24/1980	3:05	8.4	26	5.4	12000			FS	2
1980	292	32	6	7/24/1980	3:20	0	27		7650			FS	2
1980	293	32	6	7/24/1980	3:28	0	27		7350			FS	2
1980	294	33	6	7/24/1980	21:00	0	27.5		9400			FS	2
1980	295	33	6	7/24/1980	21:08	0	27.5		9500			FS	2
1980	296	33	5	7/24/1980	21:13	13.2	26	4.3	17000			FS	2
1980	297	35	5	7/24/1980	21:27	7.2	26.5	6.4	11000			FS	2
1980	298	35	5	7/24/1980	21:37	10.8	25.5	3.8	18000			FS	2
1980	299	35	5	7/24/1980	21:45	9.9	26	4	16000			FS	2
1980	300	35	4	7/24/1980	21:54	0	27.5		8100			FS	2
1980	301	35	5	7/24/1980	22:01	0	27.5		8400			FS	2
1980	302	36	5	7/24/1980	22:08	0	27.5		8500			FS	2
1980	303	36	5	7/24/1980	22:17	12	25.5	4.2	17000			FS	2
1980	304	36	5	7/24/1980	22:23	9	26.5	5.2	14500			FS	2
1980	305	36	4	7/24/1980	22:35	0	27.5		8100			FS	2
1980	306	37	5	7/24/1980	22:43	7.5	27.5	6	11000			FS	2
1980	307	37	4	7/24/1980	22:52	0	27.5		7850			FS	2
1980	308	38	4	7/24/1980	23:00	0	28		9750			FS	2
1980	309	38	5	7/24/1980	23:08	6.9	27	6.7	8450			FS	2
1980	310	39	5	7/24/1980	23:17	11.7	26.5	5.4	13000			FS	2
1980	311	43	5	7/25/1980	0:13	0	27.5		7050			FS	2
1980	312	43	6	7/25/1980	0:23	0	26.5		5700			FS	2
1980	313	43	6	7/25/1980	0:32	0	26.5		5500			FS	2
1980	314	44	5	7/25/1980	0:45	22.2	26.5	5.1	9800			FS	2
1980	315	45	5	7/25/1980	0:59	23.4	26.5	5.7	7450			FS	2
1980	316	46	5	7/25/1980	1:08	0	26.5		5800			FS	2
1980	317	123	5	7/22/1980	0:50	12	26.5	7.6	210			FS	2
1980	318	123	5	7/22/1980	1:31	12	26.5	7.8	210			FS	2
1980	319	123	5	7/22/1980	1:50	12	26.5	7.8	215			FS	2
1980	320	119	5	7/22/1980	2:18	3.6	27		220			FS	2
1980	321	118	5	7/22/1980	2:40	11.7	26.5	7.8	220			FS	2
1980	323	117	5	7/22/1980	3:00	12	26.5	7.8	220			FS	2
1980	324	116	5	7/22/1980	3:20	0	26.4		220			FS	2
1980	325	115	5	7/22/1980	3:34	0	27		215			FS	2
1980	326	115	5	7/22/1980	3:45	13.5	26	7.7	215			FS	2
1980	327	114	5	7/22/1980	4:10	10.8	26	8	215			FS	2
1980	328	113	5	7/22/1980	4:25	12	26.5	7.6	220			FS	2
1980	329	111	5	7/22/1980	4:50	12	26	7.9	220			FS	2
1980	330	111	5	7/22/1980	4:56	9.9	26	7.8	230			FS	2
1980	331	111	5	7/22/1980	5:08	11.4	26.5	7.8	220			FS	2
1980	332	110	5	7/22/1980	21:21	0	27		230			FS	2
1980	333	109	5	7/22/1980	21:40	9	26.2	8.9	225			FS	2
1980	334	109	5	7/22/1980	21:50	10.5	26	8.9	230			FS	2
1980	335	109	5	7/22/1980	22:00	10.5	25.9	9	225			FS	2
1980	336	109	5	7/22/1980	22:11	0	26.3		230			FS	2
1980	337	108	5	7/22/1980	22:21	0	26.3		230			FS	2
1980	338	108	5	7/22/1980	22:31	9.9	25.3	9.2	230			FS	2
1980	339	108	5	7/22/1980	22:45	8.1	25.2	10	225			FS	2
1980	340	106	5	7/22/1980	23:07	12	25.1	9.7	225			FS	2
1980	341	104	5	7/22/1980	23:30	8.1	24.9	9.9	220			FS	2

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	342	103	5	7/22/1980	23:45	10.2	25	9.8	210			FS	2
1980	343	103	5	7/22/1980	23:58	0	24.9		220			FS	2
1980	344	102	5	7/23/1980	0:10	0	26.1		220			FS	2
1980	345	102	5	7/23/1980	0:31	8.4	24	10	220			FS	2
1980	346	102	5	7/23/1980	0:46	12	24.2	10	225			FS	2
1980	347	102	5	7/23/1980	1:00	12.6	25	9.6	215			FS	2
1980	348	102	5	7/23/1980	1:12	14.7	24.4	10	220			FS	2
1980	349	101	5	7/23/1980	1:34	13.5	25.2	8.8	220			FS	2
1980	350	100	5	7/23/1980	1:52	9	25	9.2	220			FS	2
1980	351	98	5	7/23/1980	2:12	7.5	24.9	9	215			FS	2
1980	352	97	5	7/23/1980	2:30	12	24.1	9.1	220			FS	2
1980	353	97	5	7/23/1980	2:46	8.4	24.3	9.1	215			FS	2
1980	354	96	5	7/23/1980	3:00	9	24.2	8.8	215			FS	2
1980	355	95	5	7/23/1980	3:15	0	26		210			FS	2
1980	356	95	5	7/23/1980	3:30	0	26.1		210			FS	2
1980	357	94	5	7/23/1980	3:56	0	26		215			FS	2
1980	358	94	5	7/23/1980	3:58	8.4	25.1	8.4	210			FS	2
1980	359	93	5	7/23/1980	4:40	8.1	24.6	8.8	210			FS	2
1980	360	93	5	7/23/1980	4:51	8.4	24.5	8.9	215			FS	2
1980	361	92	5	7/23/1980	5:01	0	26.1		215			FS	2
1980	362	92	5	7/23/1980	5:08	7.8	24.9	8.6	210			FS	2
1980	364	92	5	7/24/1980	0:02	12	25	9.3	210			FS	2
1980	365	92	5	7/24/1980	0:15	11.4	26	9.8	210			FS	2
1980	366	89	5	7/24/1980	0:36	15	25.5	9.1	215			FS	2
1980	367	89	5	7/24/1980	0:49	0	25		210			FS	2
1980	368	89	5	7/24/1980	1:15	16.5	25.5	8.1	215			FS	2
1980	369	88	5	7/24/1980	1:30	11.4	25	8.2	225			FS	2
1980	370	85	5	7/24/1980	1:54	9.3	25	7.5	210			FS	2
1980	371	84	5	7/24/1980	2:10	14.4	25	7.7	210			FS	2
1980	372	83	5	7/24/1980	2:25	16.5	25	8.4	210			FS	2
1980	373	82	5	7/24/1980	2:36	12	25	7.1	215			FS	2
1980	374	81	5	7/24/1980	2:53	12.9	24.5	7.9	205			FS	2
1980	375	77	5	7/24/1980	3:22	15	24.5	6.8	205			FS	2
1980	376	75	5	7/24/1980	3:41	15	24.5	6.9	205			FS	2
1980	377	72	5	7/24/1980	4:00	15.3	24.5	7	205			FS	2
1980	378	70	5	7/24/1980	4:24	15.9	24.5	7	205			FS	2
1980	379	65	5	7/24/1980	4:54	14.1	25	6.9	210			FS	2
1980	380	64	5	7/24/1980	5:10	12.6	25.5	7.1	215			FS	2
1980	381	92	5	7/24/1980	21:21	0	25.7		215			FS	2
1980	382	91	5	7/24/1980	21:43	0	25.5		210			FS	2
1980	383	89	5	7/24/1980	22:06	11.1	25.5	8.6	210			FS	2
1980	384	89	5	7/24/1980	22:15	0	25.4		210			FS	2
1980	385	88	5	7/24/1980	22:34	0	26		210			FS	2
1980	386	84	5	7/24/1980	23:01	0	25		205			FS	2
1980	387	83	5	7/24/1980	23:14	0	25.1		205			FS	2
1980	388	82	5	7/24/1980	23:26	0	24.9		205			FS	2
1980	389	78	5	7/24/1980	23:58	9.6	24	8	205			FS	2
1980	390	64	5	7/25/1980	1:15	0	24		210			FS	2
1980	391	64	5	7/25/1980	1:26	6.6	24	8	265			FS	2
1980	392	63	5	7/25/1980	1:43	9.6	24	8	285			FS	2
1980	393	61	5	7/25/1980	2:06	0	23		315			FS	2
1980	394	60	6	7/25/1980	2:23	0	23		770			FS	2
1980	395	59	5	7/25/1980	2:47	8.4	25	7.2	1000			FS	2
1980	396	59	6	7/25/1980	3:10	0	25.9		650			FS	2
1980	397	58	6	7/25/1980	3:21	0	25		935			FS	2
1980	398	57	6	7/25/1980	3:34	0	23.6		1000			FS	2
1980	399	57	5	7/25/1980	3:45	0	23.9		1000			FS	2
1980	400	57	5	7/25/1980	3:55	10.2	24.2	6.8	2000			FS	2
1980	401	58	5	7/25/1980	4:08	9.9	24.3	6.7	1900			FS	2

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	402	58	5	7/25/1980	4:20	9	24	6.9	1850			FS	2
1980	403	139	5	8/4/1980	21:15	12	26	6	210			FS	3
1980	404	137	5	8/4/1980	21:29	12	26	5.8	210			FS	3
1980	405	137	5	8/4/1980	21:41	9	26.5	6.2	205			FS	3
1980	406	135	5	8/4/1980	22:12	12	26.5	6.2	205			FS	3
1980	407	135	5	8/4/1980	22:20	12	26.5	6.3	210			FS	3
1980	408	129	5	8/4/1980	22:59	13.5	26	7	210			FS	3
1980	409	46	5	7/25/1980	1:20	18	26.5	6.5	7000			FS	2
1980	410	47	5	7/25/1980	1:34	33.6	26.5	5.1	8650			FS	2
1980	411	49	5	7/25/1980	2:09	12	26	6.3	4650			FS	2
1980	412	50	5	7/25/1980	2:25	22.5	26.5	6.1	4650			FS	2
1980	413	50	5	7/25/1980	2:35	23.7	26.5	6.1	5000			FS	2
1980	414	50	5	7/25/1980	2:41	21	26.5	5.9	5550			FS	2
1980	415	49	5	7/25/1980	2:49	21	26.5	5.9	5450			FS	2
1980	416	51	5	7/25/1980	2:59	0	26.5		3400			FS	2
1980	417	52	5	7/25/1980	3:19	33	26	6.1	3650			FS	2
1980	418	56	5	7/25/1980	3:46	13.5	26	6.6	2450			FS	2
1980	419	56	6	7/25/1980	3:54	0	27		945			FS	2
1980	420	57	5	7/25/1980	4:10	11.7	26.5	6.7	1800			FS	2
1980	421	127	5	8/4/1980	23:15	12	26	7.2	210			FS	3
1980	422	125	5	8/4/1980	23:32	0	26		220			FS	3
1980	423	124	5	8/4/1980	23:43	13.5	26	7	225			FS	3
1980	424	123	5	8/4/1980	23:55	12	26.5	7.4	225			FS	3
1980	425	123	5	8/5/1980	0:04	0	26.5		225			FS	3
1980	426	122	5	8/5/1980	0:15	12	26.5	7.2	225			FS	3
1980	427	122	5	8/5/1980	0:25	12.9	26.5	7.4	230			FS	3
1980	428	121	5	8/5/1980	0:36	0	26.5		225			FS	3
1980	429	118	5	8/5/1980	0:57	13.5	26	7.5	220			FS	3
1980	430	114	5	8/5/1980	1:37	14.1	26	7.7	215			FS	3
1980	431	112	5	8/5/1980	1:52	11.1	26.5	8.2	210			FS	3
1980	432	112	5	8/5/1980	2:07	8.1	26	8	210			FS	3
1980	434	111	5	8/5/1980	2:28	12	26.5	7.9	210			FS	3
1980	435	111	5	8/5/1980	2:41	11.4	26	8	210			FS	3
1980	436	109	5	8/5/1980	3:05	0	25.5		210			FS	3
1980	437	109	5	8/5/1980	3:18	0	25		210			FS	3
1980	438	109	5	8/5/1980	3:43	10.5	25.5	7.8	210			FS	3
1980	439	109	5	8/5/1980	3:53	0	25.5		210			FS	3
1980	440	109	5	8/5/1980	4:00	0	26		210			FS	3
1980	441	108	5	8/5/1980	4:12	0	26		210			FS	3
1980	443	108	5	8/5/1980	4:31	10.5	26	8.1	210			FS	3
1980	444	108	5	8/5/1980	4:42	6.6	26	8.1	210			FS	3
1980	445	107	5	8/5/1980	4:52	7.5	26	8.1	210			FS	3
1980	446	106	5	8/5/1980	21:40	13.5	26	8.4	210			FS	3
1980	447	105	5	8/5/1980	21:58	9.6	26	8.8	210			FS	3
1980	448	104	5	8/5/1980	22:08	0	26		210			FS	3
1980	449	102	5	8/5/1980	22:24	14.4	26	8.8	205			FS	3
1980	451	102	5	8/5/1980	23:06	9	26	9	210			FS	3
1980	452	101	5	8/5/1980	23:18	18.6	26	9.1	210			FS	3
1980	453	101	5	8/5/1980	23:28	0	26		215			FS	3
1980	454	99	5	8/5/1980	23:38	18	26	8.6	210			FS	3
1980	455	98	5	8/5/1980	23:51	10.5	26	8.6	210			FS	3
1980	456	98	5	8/6/1980	0:01	0	26		215			FS	3
1980	457	97	5	8/6/1980	0:10	7.5	26	8.4	220			FS	3
1980	458	97	5	8/6/1980	0:23	15	26	8.5	215			FS	3
1980	459	97	5	8/6/1980	0:34	0	26		215			FS	3
1980	460	96	5	8/6/1980	0:47	0	26		215			FS	3
1980	461	96	5	8/6/1980	0:54	0	26		215			FS	3
1980	462	95	5	8/6/1980	1:32	0	25.5		215			FS	3
1980	463	95	5	8/6/1980	1:40	11.4	26	7.6	215			FS	3

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	466	94	5	8/6/1980	2:08	13.2	26	7.6	220			FS	3
1980	467	93	5	8/6/1980	2:15	13.5	26	7.6	220			FS	3
1980	468	93	5	8/6/1980	2:26	10.8	26	7.6	210			FS	3
1980	469	92	5	8/6/1980	2:45	7.5	25.5	7.6	210			FS	3
1980	470	92	5	8/6/1980	2:58	0	26		210			FS	3
1980	471	93	5	8/6/1980	3:07	0	26		210			FS	3
1980	472	91	5	8/6/1980	3:24	11.7	26	7.6	210			FS	3
1980	473	91	5	8/6/1980	3:32	13.5	26	7.8	215			FS	3
1980	474	91	5	8/6/1980	3:41	15	26	7.5	220			FS	3
1980	475	87	5	8/6/1980	21:17	17.4	27	8.1	220			FS	3
1980	477	87	5	8/6/1980	21:43	20.4	26.5	7.2	220			FS	3
1980	478	87	5	8/6/1980	21:54	12.9	26.5	7.4	220			FS	3
1980	479	87	5	8/6/1980	22:03	9	26.5	7.3	215			FS	3
1980	480	87	5	8/6/1980	22:13	9	26.5	7.2	215			FS	3
1980	481	86	5	8/6/1980	22:21	12.6	26.5	7.3	215			FS	3
1980	482	87	5	8/5/1980	22:31	18.6	26	7.2	215			FS	3
1980	483	84	5	8/6/1980	22:54	12.6	26	6.4	215			FS	3
1980	484	84	5	8/6/1980	23:07	0	26.5		215			FS	3
1980	485	82	5	8/6/1980	23:28	0	26		210			FS	3
1980	486	82	5	8/6/1980	23:36	7.2	26	6.6	210			FS	3
1980	487	82	5	8/6/1980	23:45	14.4	26	5.8	210			FS	3
1980	488	81	5	8/6/1980	23:58	15	26	5.6	210			FS	3
1980	489	80	5	8/7/1980	0:12	16.5	26	6.4	210			FS	3
1980	490	80	5	8/7/1980	0:31	15	26	6.2	210			FS	3
1980	491	76	5	8/7/1980	0:53	0	26		210			FS	3
1980	492	76	5	8/7/1980	1:27	18	26.5	7.8	210			FS	3
1980	493	71	5	8/7/1980	2:02	16.5	26.5	7.2	225			FS	3
1980	494	68	5	8/7/1980	2:25	13.5	26.5	7	235			FS	3
1980	495	68	5	8/7/1980	2:35	7.2	26.5	7.3	245			FS	3
1980	496	65	5	8/7/1980	2:55	13.5	26.5	7.2	275			FS	3
1980	497	63	5	8/7/1980	3:09	13.5	27	7.5	400			FS	3
1980	498	64	5	8/7/1980	3:21	0	26.5		435			FS	3
1980	499	60	5	8/7/1980	3:44	11.4	26	7.4	550			FS	3
1980	500	60	5	8/7/1980	3:52	6.3	26.5	7.8	705			FS	3
1980	501	59	6	8/7/1980	4:04	0	27		830			FS	3
1980	502	58	5	8/7/1980	4:14	7.5	26	7.6	840			FS	3
1980	503	58	5	8/7/1980	4:22	0	27		875			FS	3
1980	504	58	5	8/7/1980	4:30	9.6	26.5	7	1100			FS	3
1980	505	57	5	8/7/1980	4:34	0	26.5		990			FS	3
1980	506	57	5	8/7/1980	21:12	12.6	27	5.8	1650			FS	3
1980	507	57	5	8/7/1980	21:20	14.4	27	6.1	1700			FS	3
1980	508	57	6	8/7/1980	21:34	0	27.5		1100			FS	3
1980	509	56	6	8/7/1980	21:48	0	27		1800			FS	3
1980	510	56	6	8/7/1980	21:55	0	27		1800			FS	3
1980	511	56	6	8/7/1980	22:04	0	27		1800			FS	3
1980	512	55	5	8/7/1980	22:12	21.3	26.5	6.4	2200			FS	3
1980	513	54	5	8/7/1980	22:23	0	26.5		2400			FS	3
1980	514	54	5	8/7/1980	22:35	18.6	27	6	2850			FS	3
1980	515	53	5	8/7/1980	22:45	22.5	27	6	3200			FS	3
1980	516	48	5	8/7/1980	23:35	0	26.5		5500			FS	3
1980	517	48	5	8/7/1980	23:45	0	27		5300			FS	3
1980	518	47	5	8/8/1980	0:20	0	27.5		5700			FS	3
1980	519	47	5	8/8/1980	0:27	0	28		5600			FS	3
1980	520	44	4	8/8/1980	0:50	0	28		6000			FS	3
1980	521	44	5	8/8/1980	0:58	0	28		7200			FS	3
1980	522	15	4	8/18/1980	21:07	0	24		20500			FS	4
1980	523	15	4	8/18/1980	21:30	0	24		24500			FS	4
1980	524	15	5	8/18/1980	21:54	0	24		24500			FS	4
1980	525	16	5	8/18/1980	22:03	0	24		24000			FS	4

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1980	526	17	4	8/18/1980	22:17	0	23.5		23500			FS	4
1980	527	18	5	8/18/1980	22:30	0	24		22500			FS	4
1980	528	20	4	8/18/1980	22:45	0	24.5		20000			FS	4
1980	529	20	4	8/18/1980	22:58	0	24.5		18000			FS	4
1980	530	20	5	8/18/1980	23:18	0	24.5		18000			FS	4
1980	531	22	4	8/18/1980	23:36	0	24		16500			FS	4
1980	532	14	5	8/4/1980	21:41	0	27		24000			FS	3
1980	533	15	4	8/4/1980	21:58	0	27		23000			FS	3
1980	534	15	5	8/4/1980	22:18	7.2	26	2.9	25000			FS	3
1980	535	16	5	8/4/1980	22:36	0	27		19500			FS	3
1980	536	17	4	8/4/1980	22:57	0	27		21000			FS	3
1980	537	18	4	8/4/1980	23:14	0	27		20500			FS	3
1980	538	20	5	8/4/1980	23:41	0	28		16500			FS	3
1980	539	20	5	8/4/1980	23:51	0	28		17000			FS	3
1980	540	20	4	8/5/1980	0:04	0	27.5		18500			FS	3
1980	541	22	4	8/5/1980	0:27	0	27.5		18500			FS	3
1980	542	22	4	8/5/1980	0:42	0	28		17000			FS	3
1980	543	23	4	8/5/1980	1:07	0	28		16000			FS	3
1980	544	24	5	8/5/1980	1:26	0	28		15000			FS	3
1980	545	24	4	8/5/1980	1:37	0	27.5		15500			FS	3
1980	546	24	4	8/5/1980	1:51	0	28		15500			FS	3
1980	547	25	4	8/5/1980	2:07	0	28		14500			FS	3
1980	548	26	4	8/5/1980	2:24	0	28		14000			FS	3
1980	549	27	4	8/5/1980	2:39	0	28		13000			FS	3
1980	550	27	4	8/5/1980	2:58	0	28		13000			FS	3
1980	551	27	4	8/5/1980	3:08	0	28		13000			FS	3
1980	552	26	6	8/5/1980	21:53	0	28		17000			FS	3
1980	553	26	6	8/5/1980	22:04	0	28		17000			FS	3
1980	554	26	5	8/5/1980	22:19	0	27.5		17000			FS	3
1980	555	27	4	8/5/1980	22:35	0	27.5		15000			FS	3
1980	556	27	4	8/5/1980	22:47	0	27.5		15000			FS	3
1980	557	27	4	8/5/1980	23:01	0	28		15000			FS	3
1980	558	28	4	8/5/1980	23:14	0	28		14500			FS	3
1980	559	28	4	8/5/1980	23:27	0	28		14000			FS	3
1980	560	28	5	8/5/1980	23:42	0	28		14000			FS	3
1980	561	28	6	8/5/1980	23:55	0	27.5		14000			FS	3
1980	562	28	5	8/6/1980	0:10	9	27	4.7	17500			FS	3
1980	563	29	4	8/6/1980	0:25	0	28		13500			FS	3
1980	564	29	4	8/6/1980	0:40	0	28		13500			FS	3
1980	565	29	4	8/6/1980	0:56	0	27.5		12000			FS	3
1980	566	29	4	8/6/1980	1:09	0	27.5		13500			FS	3
1980	567	29	4	8/6/1980	1:21	0	27.5		13500			FS	3
1980	568	29	5	8/6/1980	1:34	10.2	27	5.1	16500			FS	3
1980	569	30	5	8/6/1980	1:50	12	27	5.1	16000			FS	3
1980	570	30	4	8/6/1980	2:05	0	27.5		14000			FS	3
1980	571	31	4	8/6/1980	2:19	0	27.5		12000			FS	3
1980	572	31	4	8/6/1980	2:33	0	27.5		12000			FS	3
1980	573	31	4	8/6/1980	2:43	0	28		11500			FS	3
1980	574	31	5	8/6/1980	3:09	6.9	27	5	13000			FS	3
1980	575	31	5	8/6/1980	3:20	0	28		11000			FS	3
1980	576	31	5	8/6/1980	3:31	0	28		11000			FS	3
1980	577	31	5	8/6/1980	3:43	0	27		11000			FS	3
1980	578	31	5	8/6/1980	3:54	7.2						FS	3
1980	579	31	5	8/6/1980	21:18	7.2	28.5	6.1	14000			FS	3
1980	580	31	5	8/6/1980	21:30	0	28		14000			FS	3
1980	581	31	5	8/6/1980	21:41	7.8	28	5.3	16000			FS	3
1980	582	31	6	8/6/1980	21:55	0	29		11500			FS	3
1980	583	31	6	8/6/1980	22:06	0	28.5		11000			FS	3
1980	584	32	6	8/6/1980	22:17	0	28.5		12000			FS	3

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1980	585	32	6	8/6/1980	22:29	0	28.5		11000			FS	3
1980	586	32	5	8/6/1980	22:42	0	28		13000			FS	3
1980	587	32	5	8/6/1980	22:54	9	28	5.5	15500			FS	3
1980	588	32	4	8/6/1980	23:05	0	27.5		12500			FS	3
1980	589	33	4	8/6/1980	23:16	0	28.5		12500			FS	3
1980	590	33	5	8/6/1980	23:28	0	28		11500			FS	3
1980	591	34	5	8/6/1980	23:43	10.5	27.5	5.5	14500			FS	3
1980	592	34	5	8/6/1980	23:56	12	27.5	5.9	14000			FS	3
1980	593	34	6	8/7/1980	0:08	0	27					FS	3
1980	594	34	6	8/7/1980	0:19	0	27		11000			FS	3
1980	595	34	6	8/7/1980	0:31	0	27.5		11000			FS	3
1980	596	34	6	8/7/1980	0:44	0	28.5		10500			FS	3
1980	597	35	6	8/7/1980	0:53	0	28		10000			FS	3
1980	598	35	5	8/7/1980	1:10	12	27.5	5.8	13000			FS	3
1980	599	35	4	8/7/1980	1:23	0	29		9800			FS	3
1980	600	48	5	9/5/1980	21:47	29.7	27	6.4	9400			FS	5
1980	601	36	4	8/7/1980	1:35	0	29		10000			FS	3
1980	602	35	6	8/7/1980	1:58	0	29		9700			FS	3
1980	603	35	6	8/7/1980	2:11	0	28.5		9700			FS	3
1980	604	35	6	8/7/1980	2:24	0	29		9800			FS	3
1980	605	36	6	8/7/1980	2:38	0	27.5		9700			FS	3
1980	606	36	6	8/7/1980	2:52	0	28.5		9850			FS	3
1980	607	36	6	8/7/1980	3:05	0	28.5		9600			FS	3
1980	608	37	6	8/7/1980	3:16	0	28.5		9350			FS	3
1980	609	37	6	8/7/1980	3:28	0	29		9500			FS	3
1980	610	37	5	8/7/1980	3:41	7.5	28	5.8	11000			FS	3
1980	611	36	5	8/7/1980	3:57	7.5	28	6	10500			FS	3
1980	612	36	4	8/7/1980	4:09	0	29		9300			FS	3
1980	613	36	5	8/7/1980	4:21	0	28		8150			FS	3
1980	614	36	5	8/7/1980	20:38	0	30		8350			FS	3
1980	615	36	5	8/7/1980	20:46	0	29		9350			FS	3
1980	616	38	6	8/7/1980	21:08	0	29		9000			FS	3
1980	617	39	6	8/7/1980	21:20	0	29		9800			FS	3
1980	618	39	6	8/7/1980	21:30	0	29.5		9850			FS	3
1980	619	38	5	8/7/1980	21:43	11.1	28.5	5.5	11500			FS	3
1980	620	38	5	8/7/1980	22:18	12	28.5	5.7	11500			FS	3
1980	621	38	5	8/7/1980	22:29	11.4	28	5.5	11500			FS	3
1980	622	39	4	8/7/1980	22:41	0	29		8500			FS	3
1980	623	41	5	8/7/1980	22:53	7.8	29	8.5	8850			FS	3
1980	624	41	5	8/7/1980	23:07	13.8	28.5	5.8	10000			FS	3
1980	625	41	5	8/7/1980	23:20	0	29		7200			FS	3
1980	626	41	5	8/7/1980	23:40	9.3	29	6.7	8100			FS	3
1980	627	42	5	8/8/1980	0:01	7.5	28.5	6.4	8800			FS	3
1980	628	42	4	8/8/1980	0:15	0	28		8500			FS	3
1980	629	43	5	8/8/1980	0:35	7.5	28	5.5	7300			FS	3
1980	630	43	6	8/8/1980	0:47	0	27		6200			FS	3
1980	631	43	5	8/8/1980	1:00	19.5	28	5.5	8500			FS	3
1980	632	138	5	8/18/1980	21:00	11.4	24	6	210			FS	4
1980	633	138	5	8/18/1980	21:10	11.4	24	6.1	200			FS	4
1980	634	138	5	8/18/1980	21:18	11.4	24	6	200			FS	4
1980	635	137	5	8/18/1980	21:31	11.4	24	5.8	195			FS	4
1980	636	134	5	8/18/1980	22:00	10.5	24	5.6	205			FS	4
1980	637	129	5	8/18/1980	22:37	12	24	7.6	210			FS	4
1980	638	126	5	8/18/1980	23:07	0	24		220			FS	4
1980	639	125	5	8/18/1980	23:20	12	24	7.3	225			FS	4
1980	640	123	5	8/18/1980	23:41	10.5	24	6.7	230			FS	4
1980	641	122	5	8/19/1980	0:08	10.5	24	6.6	235			FS	4
1980	642	122	5	8/19/1980	0:17	10.5	24	6.6	235			FS	4
1980	643	122	5	8/19/1980	0:27	0	24		235			FS	4

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1980	644	121	5	8/19/1980	0:55	10.5	24	9.2	235			FS	4
1980	645	120	5	8/19/1980	1:10	10.5	24	9	235			FS	4
1980	646	119	5	8/19/1980	1:23	10.5	24	9	235			FS	4
1980	647	118	5	8/19/1980	1:40	11.4	24	8.6	235			FS	4
1980	648	114	5	8/19/1980	2:08	12	23.5	8.6	235			FS	4
1980	649	113	5	8/19/1980	2:20	0	24		235			FS	4
1980	650	112	5	8/19/1980	2:41	15	24	8.4	235			FS	4
1980	651	111	5	8/19/1980	2:50	12	24	8.6	235			FS	4
1980	652	111	5	8/19/1980	3:10	11.4	23.5	8.8	235			FS	4
1980	653	110	5	8/19/1980	3:25	13.5	23.5	8.4	235			FS	4
1980	654	110	5	8/19/1980	3:37	0	23		235			FS	4
1980	655	109	5	8/19/1980	3:52	7.5	23.5	8.4	235			FS	4
1980	656	109	5	8/19/1980	4:02	7.5	23.5	8.2	255			FS	4
1980	657	109	5	8/19/1980	4:12	0	24		235			FS	4
1980	658	108	5	8/19/1980	4:27	0	24		235			FS	4
1980	659	107	5	8/19/1980	4:40	7.5	23	8	235			FS	4
1980	660	107	5	8/19/1980	5:06	0	24		235			FS	4
1980	661	104	5	8/19/1980	21:50	10.5	25	7.8	225			FS	4
1980	662	104	5	8/19/1980	22:05	0	25		225			FS	4
1980	663	103	5	8/19/1980	22:15	0	25		225			FS	4
1980	664	100	5	8/19/1980	22:40	10.8	24.5	7.7	225			FS	4
1980	665	99	5	8/19/1980	22:55	0	25		225			FS	4
1980	666	97	5	8/19/1980	23:10	10.5	25	7.8	220			FS	4
1980	667	97	5	8/19/1980	23:20	15	24.5	7.6	225			FS	4
1980	668	96	5	8/19/1980	23:40	0	25		225			FS	4
1980	669	95	5	8/19/1980	23:55	10.5	24	7.6	225			FS	4
1980	670	96	5	8/20/1980	0:10	9	24	9.1	245			FS	4
1980	671	96	5	8/20/1980	0:25	8.4	24	9.2	235			FS	4
1980	672	96	5	8/20/1980	0:40	0						FS	4
1980	673	96	5	8/20/1980	0:55	0	25		225			FS	4
1980	674	94	5	8/20/1980	1:10	0	25		225			FS	4
1980	675	95	5	8/20/1980	1:20	0	25		225			FS	4
1980	676	94	5	8/20/1980	1:30	9	24	10.5	240			FS	4
1980	677	94	5	8/20/1980	1:45	10.5	24	9.7	235			FS	4
1980	678	94	5	8/20/1980	1:55	11.4	24	9.3	225			FS	4
1980	679	94	5	8/20/1980	2:00	0	25		225			FS	4
1980	680	93	5	8/20/1980	2:15	0	25		225			FS	4
1980	681	93	5	8/20/1980	2:25	9	23.5	9.3	225			FS	4
1980	682	92	5	8/20/1980	2:40	6.3	24	9.4	220			FS	4
1980	683	93	5	8/20/1980	3:10	10.5	23.5	8.3	220			FS	4
1980	684	93	5	8/20/1980	3:25	0	24.5		225			FS	4
1980	685	90	5	8/20/1980	3:45	12	23	7.4	235			FS	4
1980	686	90	5	8/20/1980	4:00	0	25		220			FS	4
1980	687	90	5	8/20/1980	4:10	0	24.5		235			FS	4
1980	688	89	5	8/20/1980	4:25	8.4	23	7.9	225			FS	4
1980	689	88	5	8/20/1980	4:35	9	23.5	7.6	225			FS	4
1980	690	88	5	8/20/1980	4:45	7.2	23	8	225			FS	4
1980	691	87	5	8/20/1980	21:50	12	24.5	7.7	225			FS	4
1980	692	86	5	8/20/1980	22:00	18	24.5	7.6	220			FS	4
1980	693	86	5	8/20/1980	22:09	18	24.5	7.6	225			FS	4
1980	694	86	5	8/20/1980	22:25	12.6	24.5	7.7	225			FS	4
1980	695	84	5	8/20/1980	22:50	10.5	25	7	225			FS	4
1980	696	83	5	8/20/1980	23:07	18	25	6.7	235			FS	4
1980	697	83	5	8/20/1980	23:22	0	25.5		230			FS	4
1980	698	82	5	8/20/1980	23:36	17.1	25	6.8	225			FS	4
1980	699	81	5	8/20/1980	23:53	0	24.5		230			FS	4
1980	700	80	5	8/21/1980	0:05	13.5	25	6.4	230			FS	4
1980	701	80	5	8/21/1980	0:15	15	25	6.4	230			FS	4
1980	702	79	5	8/21/1980	0:46	18	25	6.4	230			FS	4

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1980	703	79	5	8/21/1980	0:58	21	25	6.5	230			FS	4
1980	704	78	5	8/21/1980	1:07	0	25.5		225			FS	4
1980	705	74	5	8/21/1980	1:37	0	26		220			FS	4
1980	706	71	5	8/21/1980	2:00	15	25	6.6	220			FS	4
1980	707	70	5	8/21/1980	2:16	9.9	25	6.8	220			FS	4
1980	708	68	5	8/21/1980	2:34	0	26		225			FS	4
1980	709	68	5	8/21/1980	2:46	12	25	7.2	225			FS	4
1980	710	65	5	8/21/1980	3:09	15	25	7.2	240			FS	4
1980	711	65	5	8/21/1980	3:18	14.4	26	7.4	255			FS	4
1980	712	63	5	8/21/1980	3:37	12	26	7.5	320			FS	4
1980	713	61	5	8/21/1980	3:57	9	26	7.8	485			FS	4
1980	714	61	5	8/21/1980	4:08	0	26		480			FS	4
1980	715	59	5	8/21/1980	4:26	0	26		720			FS	4
1980	716	59	5	8/21/1980	21:01	0	25		1800			FS	4
1980	717	59	5	8/21/1980	21:10	13.5	23.5	6.8	4100			FS	4
1980	718	58	5	8/21/1980	21:24	12	23.5	6.9	4150			FS	4
1980	719	57	4	8/21/1980	21:39	0	24.5		1300			FS	4
1980	720	57	6	8/21/1980	21:56	0	26.5		2100			FS	4
1980	721	57	6	8/21/1980	22:07	0	24.5		1500			FS	4
1980	722	57	5	8/21/1980	22:22	11.4	23.5	6	6600			FS	4
1980	723	57	6	8/21/1980	22:32	0	25		2500			FS	4
1980	724	56	6	8/21/1980	22:43	0	25.5		4300			FS	4
1980	725	56	5	8/21/1980	22:52	13.5	24.5	6.1	5350			FS	4
1980	726	55	5	8/20/1980	23:03	15	23	6.5	6900			FS	4
1980	727	54	5	8/21/1980	23:18	18	24	6.2	8950			FS	4
1980	728	54	5	8/21/1980	23:30	15	23	6.5	7300			FS	4
1980	729	53	5	8/21/1980	23:45	7.2	23	6.5	5150			FS	4
1980	730	51	5	8/22/1980	0:06	16.8	23	6	9600			FS	4
1980	731	139	5	9/2/1980	20:37	0	26		195			FS	5
1980	732	136	5	9/2/1980	20:58	0	26		190			FS	5
1980	733	134	5	9/2/1980	21:16	10.5	25.5	6	205			FS	5
1980	734	134	5	9/2/1980	21:26	0	26		205			FS	5
1980	735	133	5	9/2/1980	21:38	10.5	26	6.1	210			FS	5
1980	736	129	5	9/2/1980	22:04	10.5	25.5	6.8	200			FS	5
1980	737	128	5	9/2/1980	22:18	10.5	25	7.3	200			FS	5
1980	738	127	5	9/2/1980	22:45	10.2	25.5	7.5	200			FS	5
1980	739	124	5	9/2/1980	23:05	0	26		200			FS	5
1980	740	124	5	9/2/1980	23:12	0	26		200			FS	5
1980	741	123	5	9/2/1980	23:20	6.9	25.5	7.7	200			FS	5
1980	742	121	5	9/2/1980	23:36	10.8	25.5	7.6	205			FS	5
1980	743	121	5	9/2/1980	23:46	12	26	7.7	205			FS	5
1980	744	119	5	9/3/1980	0:02	10.8	25.5	7.8	200			FS	5
1980	745	118	5	9/3/1980	0:14	10.8	25	8	205			FS	5
1980	746	22	4	8/18/1980	23:45	0	24.5		16500			FS	4
1980	747	22	5	8/19/1980	0:01	0	24.5		18500			FS	4
1980	748	24	5	8/19/1980	0:11	0	24.5		16000			FS	4
1980	749	24	5	8/19/1980	0:32	0	24.5		14000			FS	4
1980	750	25	4	8/19/1980	0:52	0	24		14500			FS	4
1980	752	25	5	8/19/1980	1:12	0	24.5		14000			FS	4
1980	753	25	6	8/19/1980	1:23	0	24.5		14500			FS	4
1980	754	26	5	8/19/1980	1:36	0	24.5		14500			FS	4
1980	755	26	4	8/19/1980	1:49	0	24.5		14500			FS	4
1980	756	26	4	8/19/1980	1:58	0	24.5		14500			FS	4
1980	757	26	4	8/19/1980	2:06	0	24.5		14500			FS	4
1980	758	27	5	8/19/1980	20:30	0	25.5		16500			FS	4
1980	759	27	5	8/19/1980	20:47	0	25		19000			FS	4
1980	760	27	4	8/19/1980	21:01	0	25		14500			FS	4
1980	761	27	4	8/19/1980	21:10	0	25.5		14000			FS	4
1980	762	27	4	8/19/1980	21:26	0	25.5		14000			FS	4

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1980	763	28	4	8/19/1980	21:40	0	25.5		13500			FS	4
1980	764	28	4	8/19/1980	21:53	0	25		13500			FS	4
1980	765	28	5	8/19/1980	22:12	0	25		12500			FS	4
1980	766	28	5	8/19/1980	22:26	0	25		14000			FS	4
1980	767	28	5	8/19/1980	22:38	0	25		14000			FS	4
1980	768	28	6	8/19/1980	22:49	0	25		14000			FS	4
1980	769	28	5	8/19/1980	23:00	0	25.5		12000			FS	4
1980	770	29	4	8/19/1980	23:15	0	25.5		11000			FS	4
1980	771	29	4	8/19/1980	23:26	0	25.5		12000			FS	4
1980	772	29	4	8/19/1980	23:45	0	26		12000			FS	4
1980	773	29	4	8/19/1980	23:53	0	25.5		12000			FS	4
1980	774	30	4	8/20/1980	0:03	0	26		11500			FS	4
1980	775	30	4	8/20/1980	0:11	0	26		11500			FS	4
1980	776	30	4	8/20/1980	0:19	0	26		12000			FS	4
1980	777	30	4	8/20/1980	0:27	0	26		11500			FS	4
1980	778	30	4	8/20/1980	0:36	0	26		11500			FS	4
1980	779	43	6	8/20/1980	2:07	0	27.5		6750			FS	4
1980	780	43	5	8/20/1980	2:18	24	27	5	12500			FS	4
1980	781	43	5	8/20/1980	2:27	16.8	26.5	5.3	8250			FS	4
1980	782	42	5	8/20/1980	2:42	11.1	26.5	5.5	6800			FS	4
1980	783	41	5	8/20/1980	2:55	0	27		6900			FS	4
1980	784	42	4	8/20/1980	3:04	0	27		7650			FS	4
1980	786	42	4	8/20/1980	3:18	0	27		7800			FS	4
1980	787	29	5	8/20/1980	20:17	7.5	24.5	4.2	24000			FS	4
1980	788	30	5	8/20/1980	20:25	9	24.5	3.4	25000			FS	4
1980	789	30	6	8/20/1980	20:39	0	25		14500			FS	4
1980	790	30	4	8/20/1980	20:54	0	25.5		11500			FS	4
1980	791	30	4	8/20/1980	21:02	0	25.5		11500			FS	4
1980	792	31	4	8/20/1980	21:20	0	24.5		11000			FS	4
1980	793	31	4	8/20/1980	21:27	0	25		11000			FS	4
1980	794	31	4	8/20/1980	21:35	0	25.5		10500			FS	4
1980	795	32	4	8/20/1980	21:43	0	24.5		10500			FS	4
1980	796	31	6	8/20/1980	21:59	0	24		11500			FS	4
1980	797	31	6	8/20/1980	22:07	0	24		12000			FS	4
1980	798	32	6	8/20/1980	22:15	0	23.5		12000			FS	4
1980	799	32	5	8/20/1980	22:27	9	23	2.6	26000			FS	4
1980	800	33	5	8/20/1980	22:43	0	23.5		11500			FS	4
1980	801	33	5	8/20/1980	22:52	0	24		11000			FS	4
1980	802	33	5	8/20/1980	23:04	0	23.5		10000			FS	4
1980	803	34	5	8/20/1980	23:54	10.5	25	6.1	13000			FS	4
1980	804	34	6	8/21/1980	0:04	0	24.5		10000			FS	4
1980	805	35	5	8/21/1980	0:14	9	24.5	6.7	11500			FS	4
1980	806	35	5	8/21/1980	0:22	9	25	5.9	14500			FS	4
1980	807	35	6	8/21/1980	0:33	0	25.5		9850			FS	4
1980	808	35	6	8/21/1980	0:42	0	25.5		9700			FS	4
1980	809	35	6	8/21/1980	0:48	0	25		9850			FS	4
1980	810	35	6	8/21/1980	0:57	0	25		9800			FS	4
1980	811	36	6	8/21/1980	1:06	0	25		9350			FS	4
1980	812	36	6	8/21/1980	1:15	0	25.5		9800			FS	4
1980	813	36	6	8/21/1980	1:22	0	25.5		9600			FS	4
1980	814	36	6	8/21/1980	1:30	0	26		9750			FS	4
1980	815	37	6	8/21/1980	1:39	0	26		9600			FS	4
1980	816	37	6	8/21/1980	1:47	0	26		9550			FS	4
1980	817	37	6	8/21/1980	1:56	0	25.5		9550			FS	4
1980	818	38	6	8/21/1980	2:04	0	25.5		9600			FS	4
1980	819	38	6	8/21/1980	2:13	0	24.5		10000			FS	4
1980	820	38	5	8/21/1980	2:25	7.2	25.5	5.3	14000			FS	4
1980	821	39	6	8/21/1980	2:35	0	25.5		9650			FS	4
1980	822	39	4	8/21/1980	2:50	0	25.5		9500			FS	4

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	823	36	4	8/21/1980	20:13	0	24		9100			FS	4
1980	824	36	5	8/21/1980	20:22	9	24.5	3.9	22000			FS	4
1980	825	36	5	8/21/1980	20:31	0	24.5		10500			FS	4
1980	826	36	5	8/21/1980	20:40	0	24.5		10500			FS	4
1980	827	36	5	8/21/1980	20:47	9	24	3.5	23000			FS	4
1980	828	37	5	8/21/1980	20:58	0	24		9750			FS	4
1980	829	38	4	8/21/1980	21:07	0	25		9650			FS	4
1980	830	38	5	8/21/1980	21:15	13.5	25	6.8	10500			FS	4
1980	831	38	5	8/21/1980	21:35	9	25.5	6.2	12000			FS	4
1980	832	39	5	8/21/1980	21:48	15	24.5	3.3	23000			FS	4
1980	833	40	5	8/21/1980	22:00	21	24.5	3.3	23000			FS	4
1980	834	40	5	8/21/1980	22:10	0	24		9700			FS	4
1980	835	44	4	8/21/1980	22:45	0	24		7300			FS	4
1980	836	45	5	8/21/1980	23:01	39	25	4.1	18500			FS	4
1980	837	47	5	8/21/1980	23:23	12	25.5	5.8	8850			FS	4
1980	838	48	5	8/21/1980	23:37	26.4	25.5	5.4	9950			FS	4
1980	839	48	5	8/21/1980	23:47	24	25.5	5	13000			FS	4
1980	840	117	5	9/3/1980	0:25	10.8	25	8	205			FS	5
1980	841	116	5	9/3/1980	0:34	9	25	7.8	210			FS	5
1980	842	116	5	9/3/1980	0:43	0	26		210			FS	5
1980	843	115	5	9/3/1980	1:16	0	25.5		210			FS	5
1980	844	114	5	9/3/1980	1:27	10.2	25	8	210			FS	5
1980	845	112	5	9/3/1980	1:47	15	25	8.3	200			FS	5
1980	846	111	5	9/3/1980	1:59	11.7	25	8.4	205			FS	5
1980	847	111	5	9/3/1980	2:09	0	25.5		210			FS	5
1980	848	111	5	9/3/1980	2:19	7.5	24.5	8.3	205			FS	5
1980	849	109	5	9/3/1980	2:34	12.3	24.5	8.6	210			FS	5
1980	850	109	5	9/3/1980	2:46	9	25	8.5	205			FS	5
1980	851	108	5	9/3/1980	2:57	9	24.5	8.6	205			FS	5
1980	852	108	5	9/3/1980	3:07	0	25.5		205			FS	5
1980	853	107	5	9/3/1980	3:29	11.1	24.5	8.8	215			FS	5
1980	854	105	5	9/3/1980	3:43	12.6	24.5	8.7	215			FS	5
1980	855	104	5	9/3/1980	3:58	0	25.5		220			FS	5
1980	856	103	5	9/3/1980	4:07	0	25		215			FS	5
1980	857	103	5	9/3/1980	4:18	9.6	24	8.8	210			FS	5
1980	858	102	5	9/3/1980	4:33	6.3	24	8.8	215			FS	5
1980	859	101	5	9/3/1980	21:55	15	23	9.4	220			FS	5
1980	860	100	5	9/3/1980	22:08	0	25		220			FS	5
1980	861	99	5	9/3/1980	22:27	15.6	22.5	9.6	220			FS	5
1980	862	97	5	9/3/1980	22:46	12	23.5	9.8	220			FS	5
1980	863	96	5	9/3/1980	23:07	0	25		220			FS	5
1980	864	96	5	9/3/1980	23:20	0	25		220			FS	5
1980	865	96	5	9/3/1980	23:30	7.8	24	9.2	220			FS	5
1980	866	96	5	9/3/1980	23:40	14.4	24.5	9	220			FS	5
1980	867	95	5	9/3/1980	23:50	0	25		210			FS	5
1980	868	95	5	9/3/1980	23:59	0	25		215			FS	5
1980	869	95	5	9/4/1980	0:07	0	25		220			FS	5
1980	870	93	5	9/4/1980	0:20	0	25		220			FS	5
1980	871	93	5	9/4/1980	0:32	10.5	24	9.2	220			FS	5
1980	872	93	5	9/4/1980	0:46	0	25		220			FS	5
1980	873	92	5	9/4/1980	0:54	7.5	24	8.5	220			FS	5
1980	874	92	5	9/4/1980	1:05	7.8	24.5	8.2	220			FS	5
1980	875	92	5	9/4/1980	1:15	7.2	25	8.6	220			FS	5
1980	876	92	5	9/4/1980	1:26	0	25		220			FS	5
1980	877	92	5	9/4/1980	1:35	0	25		220			FS	5
1980	878	94	5	9/4/1980	2:15	12	24	8.4	235			FS	5
1980	879	94	5	9/4/1980	2:29	0	25		220			FS	5
1980	880	93	5	9/4/1980	2:44	0	25		220			FS	5
1980	881	91	5	9/4/1980	2:59	0	25		220			FS	5

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	882	90	5	9/4/1980	3:11	10.5	24	9.1	225			FS	5
1980	883	89	5	9/4/1980	3:24	13.5	24	8.2	220			FS	5
1980	884	89	5	9/4/1980	3:39	0	25		220			FS	5
1980	885	88	5	9/4/1980	3:53	0	25		220			FS	5
1980	886	88	5	9/4/1980	4:08	0	25		220			FS	5
1980	887	85	5	9/4/1980	4:30	21	24	8.5	235			FS	5
1980	888	85	5	9/4/1980	4:41	0	25		220			FS	5
1980	889	84	5	9/4/1980	20:40	0	25.5		225			FS	5
1980	890	84	5	9/4/1980	20:48	7.5	25	8.2	220			FS	5
1980	891	83	5	9/4/1980	21:03	0	26		220			FS	5
1980	892	83	5	9/4/1980	21:15	16.5	25	6.8	235			FS	5
1980	893	83	5	9/4/1980	21:27	13.2	25	6.5	225			FS	5
1980	894	81	5	9/4/1980	21:40	12.9	25	6.4	235			FS	5
1980	895	80	5	9/4/1980	21:51	21.9	25	6.1	230			FS	5
1980	896	77	5	9/4/1980	22:15	14.7	25	6.4	260			FS	5
1980	897	76	5	9/4/1980	22:25	16.2	25	6.2	265			FS	5
1980	898	74	5	9/4/1980	22:44	11.7	25.5	6.2	600			FS	5
1980	899	72	5	9/4/1980	23:04	15	25	6.2	940			FS	5
1980	900	71	5	9/4/1980	23:13	13.8	26	6	1200			FS	5
1980	901	71	5	9/4/1980	23:22	0	26.5		1200			FS	5
1980	902	69	5	9/4/1980	23:40	20.4	25.5	6.6	1800			FS	5
1980	903	64	5	9/5/1980	0:11	13.5	25.5	6.7	3350			FS	5
1980	904	62	5	9/5/1980	0:26	0	27		3450			FS	5
1980	905	61	5	9/5/1980	0:38	0	26		3700			FS	5
1980	906	61	5	9/5/1980	0:47	11.1	25	7.2	4650			FS	5
1980	907	59	6	9/5/1980	1:07	0	26.5		5050			FS	5
1980	908	59	6	9/5/1980	1:17	0	27		4150			FS	5
1980	909	59	5	9/5/1980	1:29	0	27		4950			FS	5
1980	910	58	5	9/5/1980	1:41	7.8	25	7	5600			FS	5
1980	911	58	6	9/5/1980	1:48	0	26.5		5200			FS	5
1980	912	58	5	9/5/1980	1:59	0	26.5		5200			FS	5
1980	913	58	5	9/5/1980	2:10	11.4	25	7.5	4950			FS	5
1980	914	56	6	9/5/1980	2:25	0	26		5800			FS	5
1980	915	56	6	9/5/1980	2:34	0	26.5		5700			FS	5
1980	916	56	5	9/5/1980	2:44	0	26		5900			FS	5
1980	917	56	5	9/5/1980	3:14	13.5	25	7.1	5400			FS	5
1980	918	54	5	9/5/1980	20:09	12	26	6.1	5800			FS	5
1980	919	54	5	9/5/1980	20:19	0	26		5600			FS	5
1980	920	52	5	9/5/1980	20:40	31.5	26	5.8	7450			FS	5
1980	921	52	5	9/5/1980	20:51	0	26		7150			FS	5
1980	922	49	5	9/5/1980	21:08	24.6	26	5.8	7950			FS	5
1980	923	48	5	9/5/1980	21:33	21.6	27	5.6	9250			FS	5
1980	924	14	4	9/2/1980	20:07	0	26.5		28000			FS	5
1980	925	15	4	9/2/1980	20:20	0	26.5		27000			FS	5
1980	926	16	4	9/2/1980	20:40	0	26.5		27000			FS	5
1980	927	16	5	9/2/1980	20:50	0	26.5		26000			FS	5
1980	928	17	5	9/2/1980	22:55	0	26		23500			FS	5
1980	929	18	4	9/2/1980	23:11	0	26		23000			FS	5
1980	930	20	5	9/2/1980	23:35	6.6	25.5	5.1	22000			FS	5
1980	931	21	5	9/2/1980	23:48	0	26.5		21500			FS	5
1980	932	23	4	9/3/1980	0:02	0	26.5		20500			FS	5
1980	936	23	5	9/3/1980	1:19	0	26		18500			FS	5
1980	938	23	4	9/3/1980	19:41	0	27		19000			FS	5
1980	939	23	4	9/3/1980	19:52	0	27		18000			FS	5
1980	940	24	5	9/3/1980	20:04	9	26	5.4	21500			FS	5
1980	941	24	4	9/3/1980	20:17	0	27		19000			FS	5
1980	942	25	4	9/3/1980	20:28	0	27		19000			FS	5
1980	943	25	6	9/3/1980	20:40	0	26.5		18500			FS	5
1980	944	26	5	9/3/1980	20:51	0	26.5		17500			FS	5

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	945	27	6	9/3/1980	21:03	0	26.5		17000			FS	5
1980	946	26	6	9/3/1980	21:11	0	26		18000			FS	5
1980	947	26	5	9/3/1980	21:21	15.3	26	5.1	20500			FS	5
1980	948	26	5	9/3/1980	21:31	0	26		19500			FS	5
1980	949	26	4	9/3/1980	21:45	0	26		18000			FS	5
1980	950	26	4	9/3/1980	21:55	0	26		18000			FS	5
1980	951	26	4	9/3/1980	22:02	0	26		18000			FS	5
1980	952	26	4	9/3/1980	22:11	0	26		18000			FS	5
1980	953	27	4	9/3/1980	22:31	0	26.5		18000			FS	5
1980	954	27	4	9/3/1980	22:40	0	26		17500			FS	5
1980	955	28	4	9/3/1980	22:51	0	26		17000			FS	5
1980	956	28	4	9/3/1980	23:01	0	26.5		17000			FS	5
1980	957	29	4	9/3/1980	23:41	0	26.5		17500			FS	5
1980	958	29	4	9/3/1980	23:49	0	26.5		17000			FS	5
1980	959	29	4	9/3/1980	23:59	0	26.5		16500			FS	5
1980	960	29	6	9/4/1980	0:14	0	26.5		17500			FS	5
1980	961	30	6	9/4/1980	0:24	0	26		17000			FS	5
1980	962	30	5	9/4/1980	0:38	0	26		16000			FS	5
1980	963	30	4	9/4/1980	0:51	0	26		17000			FS	5
1980	964	30	4	9/4/1980	1:01	0	26		16500			FS	5
1980	965	30	4	9/4/1980	1:10	0	26		16500			FS	5
1980	966	30	4	9/4/1980	1:20	0	26		15500			FS	5
1980	967	30	4	9/4/1980	1:30	0	26		16000			FS	5
1980	968	30	5	9/4/1980	1:40	0	26		16000			FS	5
1980	969	31	4	9/4/1980	19:53	0	27		17000			FS	5
1980	970	31	4	9/4/1980	20:00	0	26.5		17000			FS	5
1980	971	31	5	9/4/1980	20:15	0	26.5		17000			FS	5
1980	972	31	5	9/4/1980	20:28	0	26		18500			FS	5
1980	973	31	5	9/4/1980	20:40	7.2	25.5	6.4	18000			FS	5
1980	974	31	6	9/4/1980	20:53	0	26		17000			FS	5
1980	975	31	6	9/4/1980	21:22	0	26.5		16500			FS	5
1980	976	31	6	9/4/1980	21:30	0	26.5		16000			FS	5
1980	977	31	5	9/4/1980	21:43	0	26.5		17000			FS	5
1980	978	31	5	9/4/1980	21:55	0	26.5		17000			FS	5
1980	979	32	4	9/4/1980	22:04	0	26		17500			FS	5
1980	980	32	5	9/4/1980	22:18	9.9	26	6.2	18000			FS	5
1980	981	32	5	9/4/1980	22:31	0	26		17500			FS	5
1980	982	32	6	9/4/1980	22:45	0	26		16000			FS	5
1980	983	33	4	9/4/1980	23:00	0	26		17000			FS	5
1980	984	33	5	9/4/1980	23:17	0	26		16500			FS	5
1980	985	33	5	9/4/1980	23:26	10.8	26	7.2	16500			FS	5
1980	986	33	5	9/4/1980	23:35	12.6	26	9.1	15500			FS	5
1980	987	34	6	9/4/1980	23:45	0	26.5		15000			FS	5
1980	988	34	6	9/4/1980	23:55	0	26.5		14500			FS	5
1980	989	34	6	9/5/1980	0:02	0	26.5		14500			FS	5
1980	990	34	5	9/5/1980	0:21	10.5	26	7	16000			FS	5
1980	991	35	5	9/5/1980	0:31	0	26		15500			FS	5
1980	992	35	6	9/5/1980	0:50	0	26.5		13500			FS	5
1980	993	35	6	9/5/1980	0:58	0	26.5		13500			FS	5
1980	994	36	6	9/5/1980	1:06	0	26.5		13500			FS	5
1980	995	36	6	9/5/1980	1:14	0	26.5		13500			FS	5
1980	996	36	6	9/5/1980	1:23	0	26.5		13000			FS	5
1980	997	36	6	9/5/1980	1:36	0	26.5		14000			FS	5
1980	998	36	4	9/5/1980	1:50	0	27		12500			FS	5
1980	999	36	5	9/5/1980	1:58	0	26.5		12500			FS	5
1980	1000	36	5	9/5/1980	2:08	7.5	27	6.9	14000			FS	5
1980	1001	37	5	9/5/1980	2:20	12	27	6.8	14000			FS	5
1980	1002	36	5	9/5/1980	2:31	8.4						FS	5
1980	1003	36	5	9/5/1980	2:39	8.4	27	7.3	13000			FS	5

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1004	37	6	9/5/1980	2:49	0	27		13000			FS	5
1980	1005	37	5	9/5/1980	19:43	9.3	27	U				FS	5
1980	1006	38	6	9/5/1980	19:56	0	27		12500			FS	5
1980	1007	38	6	9/5/1980	20:04	0	27		13000			FS	5
1980	1008	38	6	9/5/1980	20:18	0	26.5		13000			FS	5
1980	1009	38	6	9/5/1980	20:32	0	26		13000			FS	5
1980	1010	38	5	9/5/1980	20:44	9	26.5	7.2	12500			FS	5
1980	1011	38	5	9/5/1980	20:53	10.2	27	6.5	13000			FS	5
1980	1012	38	4	9/5/1980	21:07	0	27.5		12500			FS	5
1980	1013	38	5	9/5/1980	21:18	0	27		12000			FS	5
1980	1014	38	5	9/5/1980	21:26	0	27		12500			FS	5
1980	1015	39	4	9/5/1980	21:35	0	27.5		12500			FS	5
1980	1016	39	4	9/5/1980	21:44	0	27		12000			FS	5
1980	1017	39	5	9/5/1980	21:53	17.7	27	5.9	13000			FS	5
1980	1018	39	5	9/5/1980	22:05	0	27		12500			FS	5
1980	1019	39	6	9/5/1980	22:15	0	26.5		12500			FS	5
1980	1020	40	5	9/5/1980	22:24	19.5	27	8.3	13500			FS	5
1980	1021	40	4	9/5/1980	22:34	0	27		12000			FS	5
1980	1022	42	4	9/5/1980	22:51	0	27		12000			FS	5
1980	1023	42	4	9/5/1980	22:59	0	26		12000			FS	5
1980	1024	27	4	9/15/1980	20:02	0	22.5		14500			FS	6
1980	1025	27	4	9/15/1980	20:12	0	23		15500			FS	6
1980	1026	28	4	9/15/1980	20:25	0						FS	6
1980	1027	28	4	9/15/1980	20:36	0	22.5		15500			FS	6
1980	1028	28	4	9/15/1980	20:46	0	23		15500			FS	6
1980	1029	28	5	9/15/1980	20:58	0	23		16000			FS	6
1980	1030	28	4	9/15/1980	21:10	0	23		14500			FS	6
1980	1031	28	4	9/15/1980	21:20	0	23		15000			FS	6
1980	1032	28	4	9/15/1980	21:38	0	23		15000			FS	6
1980	1033	29	4	9/15/1980	21:48	0	23		14000			FS	6
1980	1034	29	4	9/15/1980	21:59	0	23		13500			FS	6
1980	1035	29	4	9/15/1980	22:08	0	23		13500			FS	6
1980	1036	29	5	9/15/1980	22:30	0	23		14000			FS	6
1980	1037	41	6	9/15/1980	23:57	0	25.5		9100			FS	6
1980	1038	39	4	9/16/1980	0:12	0	25		10000			FS	6
1980	1039	40	6	9/16/1980	0:22	0	25		10000			FS	6
1980	1040	38	5	9/16/1980	0:36	0	25		10000			FS	6
1980	1041	38	6	9/16/1980	1:05	0	24		11000			FS	6
1980	1042	38	6	9/16/1980	1:14	0	24		11500			FS	6
1980	1043	30	4	9/16/1980	19:58	0	22.5		15000			FS	6
1980	1044	30	4	9/16/1980	20:14	0	22.5		15000			FS	6
1980	1045	30	4	9/16/1980	20:28	0	23		15000			FS	6
1980	1046	30	4	9/16/1980	20:37	0	22.5		15500			FS	6
1980	1047	30	4	9/16/1980	20:48	0	22.5		15500			FS	6
1980	1048	30	4	9/16/1980	20:58	0	22		14500			FS	6
1980	1049	30	4	9/16/1980	21:06	0	22		15000			FS	6
1980	1050	47	5	9/5/1980	21:59	0	27		9550			FS	5
1980	1051	44	5	9/5/1980	22:20	0	27		10500			FS	5
1980	1052	44	5	9/5/1980	22:30	0	28		11000			FS	5
1980	1053	44	5	9/5/1980	22:40	0	28		10500			FS	5
1980	1054	43	5	9/5/1980	22:48	0	27.5		12000			FS	5
1980	1055	42	5	9/5/1980	22:59	12	27	6.9	11500			FS	5
1980	1056	30	6	9/16/1980	21:25	0	22		16000			FS	6
1980	1057	30	6	9/16/1980	21:35	0	22.5		16000			FS	6
1980	1058	30	5	9/16/1980	21:47	0	22.5		16000			FS	6
1980	1059	31	6	9/16/1980	22:08	0	22.5		14500			FS	6
1980	1060	31	6	9/16/1980	22:18	0	22		14500			FS	6
1980	1061	32	6	9/16/1980	22:38	0	22		14000			FS	6
1980	1062	32	6	9/16/1980	22:48	0	22		14000			FS	6

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1063	32	6	9/16/1980	22:58	0	22		14500			FS	6
1980	1064	32	5	9/16/1980	23:12	0	22.5		14000			FS	6
1980	1065	32	5	9/16/1980	23:23	0	22.5		13500			FS	6
1980	1066	32	4	9/17/1980	0:28	0	22.5		13500			FS	6
1980	1067	33	6	9/17/1980	0:45	0	22.5		12500			FS	6
1980	1068	34	5	9/17/1980	1:02	0	23		12000			FS	6
1980	1069	34	6	9/17/1980	1:12	0	22.5		12000			FS	6
1980	1070	34	6	9/17/1980	1:22	0	22.5		12000			FS	6
1980	1071	35	6	9/17/1980	1:30	0	23		12000			FS	6
1980	1072	35	6	9/17/1980	1:38	0	23		12000			FS	6
1980	1073	35	6	9/17/1980	1:50	0	22		12000			FS	6
1980	1074	35	6	9/17/1980	1:58	0	22.5		12000			FS	6
1980	1075	36	6	9/17/1980	2:08	0	22.5		12000			FS	6
1980	1076	36	6	9/17/1980	2:18	0	22		12000			FS	6
1980	1077	37	6	9/17/1980	2:28	0	22		12000			FS	6
1980	1078	37	6	9/17/1980	2:38	0	22.5		12000			FS	6
1980	1079	14	5	9/17/1980	21:27	0	23		26000			FS	6
1980	1080	14	4	9/17/1980	21:37	0	23		26000			FS	6
1980	1081	15	4	9/17/1980	21:48	0	23		26000			FS	6
1980	1082	15	4	9/17/1980	22:05	0	23		25000			FS	6
1980	1083	15	5	9/17/1980	22:20	7.2	23	4	28000			FS	6
1980	1084	16	5	9/17/1980	22:34	0	23		25000			FS	6
1980	1085	17	5	9/17/1980	22:50	0	23		22500			FS	6
1980	1086	17	4	9/17/1980	23:41	0	23		21000			FS	6
1980	1087	27	4	9/18/1980	1:53	0	23		17000			FS	6
1980	1088	26	4	9/18/1980	2:04	0	23		16500			FS	6
1980	1089	26	4	9/18/1980	2:12	0	23		14500			FS	6
1980	1090	26	5	9/18/1980	2:19	0	23		14000			FS	6
1980	1091	26	5	9/18/1980	2:27	12	23.5	5.8	18500			FS	6
1980	1092	26	5	9/18/1980	2:37	0	23		15500			FS	6
1980	1093	25	5	9/18/1980	2:46	0	23		16000			FS	6
1980	1094	25	5	9/18/1980	2:55	0	23		16000			FS	6
1980	1095	24	5	9/18/1980	3:06	0	23		16500			FS	6
1980	1096	24	4	9/18/1980	3:15	0	23		16500			FS	6
1980	1097	21	4	9/18/1980	3:40	0	23		18500			FS	6
1980	1098	21	5	9/18/1980	3:54	0	23		18500			FS	6
1980	1099	22	4	9/18/1980	4:10	0	23		16500			FS	6
1980	1100	23	4	9/18/1980	4:20	0	23		16500			FS	6
1980	1101	25	4	9/18/1980	4:37	0	23		16500			FS	6
1980	1102	31	5	9/18/1980	19:50	0	23		14500			FS	6
1980	1103	31	5	9/18/1980	20:07	7.2	22.5	7.5	14000			FS	6
1980	1104	33	5	9/18/1980	20:23	0	23.5		13000			FS	6
1980	1105	33	5	9/18/1980	20:33	0	23.5		13000			FS	6
1980	1106	36	5	9/18/1980	20:55	0	23.5		12500			FS	6
1980	1107	36	5	9/18/1980	21:03	0	23.5		12000			FS	6
1980	1108	36	5	9/18/1980	21:26	0	23.5		12000			FS	6
1980	1109	36	5	9/18/1980	21:38	0	23.5		12000			FS	6
1980	1110	36	5	9/18/1980	21:45	0	23.5		12000			FS	6
1980	1111	36	5	9/18/1980	21:59	0	23.5		12000			FS	6
1980	1112	36	6	9/18/1980	22:18	0	23.5		12000			FS	6
1980	1113	36	6	9/18/1980	22:28	0	23.5		12000			FS	6
1980	1114	37	6	9/18/1980	22:36	0	23.5		12000			FS	6
1980	1115	37	5	9/18/1980	22:45	7.5	22.5	6.9	14000			FS	6
1980	1116	37	5	9/18/1980	22:56	7.5	23	6.9	13500			FS	6
1980	1117	38	6	9/18/1980	23:13	0	23		11500			FS	6
1980	1118	38	5	9/18/1980	23:34	0	24		11500			FS	6
1980	1119	41	5	9/19/1980	0:07	0	25.5		10000			FS	6
1980	1120	15	4	9/29/1980	20:23	0	20		24000			FS	7
1980	1121	16	4	9/29/1980	20:41	0	20		23500			FS	7

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1125	16	5	9/29/1980	21:40	8.1	20	4.7	25500			FS	7
1980	1126	19	5	9/29/1980	22:15	6.3	20	5.9	21500			FS	7
1980	1127	20	5	9/29/1980	22:23	0	20		20000			FS	7
1980	1128	21	4	9/29/1980	22:35	0	19.5		19500			FS	7
1980	1129	21	5	9/29/1980	22:45	0	20		19000			FS	7
1980	1130	21	4	9/29/1980	23:00	0	19.5		19500			FS	7
1980	1131	22	4	9/29/1980	23:08	0	20		19000			FS	7
1980	1132	22	4	9/29/1980	23:24	0	19.5		18500			FS	7
1980	1133	48	5	9/18/1980	21:54	0	22.5		7350			FS	6
1980	1134	45	5	9/18/1980	22:54	32.4	21	6.8	11500			FS	6
1980	1135	44	5	9/18/1980	23:05	15	20	7.1	10500			FS	6
1980	1136	44	5	9/18/1980	23:13	19.8	21	6.8	12500			FS	6
1980	1137	44	5	9/18/1980	23:20	13.5	21	7.1	10500			FS	6
1980	1138	44	5	9/18/1980	23:32	0	23		8500			FS	6
1980	1139	43	5	9/18/1980	23:43	13.5	24	7.4	9400			FS	6
1980	1140	42	5	9/18/1980	23:54	8.1	22.5	7	10500			FS	6
1980	1141	42	4	9/19/1980	0:03	0	23.5		10000			FS	6
1980	1142	42	4	9/19/1980	0:10	0	22		10000			FS	6
1980	1143	42	4	9/19/1980	0:21	0	23		10000			FS	6
1980	1144	23	5	9/29/1980	23:39	0	19.5		18500			FS	7
1980	1145	23	4	9/29/1980	23:46	0	19		18000			FS	7
1980	1146	24	4	9/29/1980	23:58	0	19		18000			FS	7
1980	1147	25	4	9/30/1980	0:07	0	19		17500			FS	7
1980	1148	25	4	9/30/1980	0:12	0	19		17500			FS	7
1980	1149	24	5	9/30/1980	0:23	8.7	19.5	8.8	18000			FS	7
1980	1150	24	5	9/30/1980	0:31	0	20		17500			FS	7
1980	1151	25	5	9/30/1980	0:39	0	19.5		17000			FS	7
1980	1152	25	5	9/30/1980	0:45	0	19.5		17000			FS	7
1980	1161	21	5	9/30/1980	19:57	0	20.5		19500			FS	7
1980	1162	25	5	9/30/1980	20:17	0	19.5		18500			FS	7
1980	1163	25	4	9/30/1980	20:36	0	19.5		18000			FS	7
1980	1164	25	5	9/30/1980	20:52	13.5	20	7.2	22000			FS	7
1980	1165	26	4	9/30/1980	21:05	0	19.5		18000			FS	7
1980	1166	26	4	9/30/1980	21:15	0	19.5		17000			FS	7
1980	1167	27	5	9/30/1980	21:28	0	20		18000			FS	7
1980	1168	27	4	9/30/1980	21:44	0	20		16500			FS	7
1980	1169	27	4	9/30/1980	21:55	0	19.5		16500			FS	7
1980	1170	28	4	9/30/1980	22:02	0	19.5		16500			FS	7
1980	1171	28	5	9/30/1980	22:12	13.2	20	9.2	18000			FS	7
1980	1172	28	5	9/30/1980	22:21	0	20		15500			FS	7
1980	1173	28	4	9/30/1980	22:32	0	19.5		16000			FS	7
1980	1174	28	4	9/30/1980	22:41	0	20		16000			FS	7
1980	1175	29	4	9/30/1980	22:49	0	20		14000			FS	7
1980	1176	29	5	9/30/1980	23:00	7.2	20	9.7	16000			FS	7
1980	1177	139	5	9/15/1980	20:51	0	19		185			FS	6
1980	1178	139	5	9/15/1980	21:00	0	20		185			FS	6
1980	1179	139	5	9/15/1980	21:08	12	20	7.6	200			FS	6
1980	1180	138	5	9/15/1980	21:18	12	19.5	7.8	195			FS	6
1980	1181	137	5	9/15/1980	21:29	0	20		185			FS	6
1980	1182	136	5	9/15/1980	21:37	11.7	19.5	7.3	185			FS	6
1980	1183	136	5	9/15/1980	21:47	12	19	7	190			FS	6
1980	1184	130	5	9/15/1980	22:17	10.5	19	6.9	220			FS	6
1980	1185	124	5	9/15/1980	22:53	0	19		220			FS	6
1980	1186	124	5	9/15/1980	23:07	0	21		220			FS	6
1980	1187	122	5	9/15/1980	23:20	11.4	18.5	8.3	220			FS	6
1980	1188	121	5	9/15/1980	23:32	12	19	8.2	220			FS	6
1980	1189	117	5	9/16/1980	0:03	0	20		205			FS	6
1980	1190	116	5	9/16/1980	0:15	12.3	18	8.6	200			FS	6
1980	1191	114	5	9/16/1980	0:51	10.5	17	8.2	200			FS	6

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1192	114	5	9/16/1980	0:59	11.1	18	8	200			FS	6
1980	1193	113	5	9/16/1980	1:08	12.6	18	8	200			FS	6
1980	1194	113	5	9/16/1980	1:18	16.2	18	8.1	200			FS	6
1980	1195	112	5	9/16/1980	1:30	0	20		195			FS	6
1980	1196	112	5	9/16/1980	1:38	0	21		200			FS	6
1980	1197	109	5	9/16/1980	1:58	9.9	19	9.2	200			FS	6
1980	1198	109	5	9/16/1980	2:05	10.2	20	9.2	200			FS	6
1980	1199	108	5	9/16/1980	2:15	0	20		200			FS	6
1980	1200	108	5	9/16/1980	2:25	0	20		200			FS	6
1980	1201	108	5	9/16/1980	2:33	6.9	19	9	200			FS	6
1980	1202	107	5	9/16/1980	2:46	7.2	19.5	9.5	200			FS	6
1980	1203	107	5	9/16/1980	2:55	7.5	20	9.2	200			FS	6
1980	1204	107	5	9/16/1980	3:05	0	20		200			FS	6
1980	1205	107	5	9/16/1980	3:17	10.5	19	9.4	200			FS	6
1980	1206	105	5	9/16/1980	21:14	16.5	20.5	9.2	210			FS	6
1980	1207	105	5	9/16/1980	21:21	12.9	20	8.6	205			FS	6
1980	1208	104	5	9/16/1980	21:30	0	21		205			FS	6
1980	1209	101	5	9/16/1980	22:02	19.5	20	8.6	205			FS	6
1980	1210	101	5	9/16/1980	22:12	17.4	20		205			FS	6
1980	1211	99	5	9/16/1980	22:26	10.5	20.5	8.9	205			FS	6
1980	1212	99	5	9/16/1980	22:39	0	20.5		210			FS	6
1980	1213	97	5	9/16/1980	22:52	15.9	20.5	8.7	210			FS	6
1980	1214	97	5	9/16/1980	23:00	13.8	21	8.7	210			FS	6
1980	1215	96	5	9/16/1980	23:13	12	21	8.7	205			FS	6
1980	1216	94	5	9/16/1980	23:24	12	20.5	8.9	210			FS	6
1980	1217	94	5	9/16/1980	23:35	12.6	20.5	8.9	210			FS	6
1980	1218	96	5	9/17/1980	0:15	0	20.5		215			FS	6
1980	1219	95	5	9/17/1980	0:22	7.5	20	8.4	210			FS	6
1980	1220	95	5	9/17/1980	0:35	14.4	20	8.4	215			FS	6
1980	1221	94	5	9/17/1980	0:45	0	20		220			FS	6
1980	1222	94	5	9/17/1980	0:51	0	20		215			FS	6
1980	1223	94	5	9/17/1980	1:00	0	21		215			FS	6
1980	1224	92	5	9/17/1980	1:14	0	21		220			FS	6
1980	1225	92	5	9/17/1980	1:24	0	21		220			FS	6
1980	1226	92	5	9/17/1980	1:32	0	20.5		220			FS	6
1980	1227	92	5	9/17/1980	1:45	0	21		220			FS	6
1980	1228	92	5	9/17/1980	1:57	12	21	8.8	215			FS	6
1980	1229	91	5	9/17/1980	2:12	10.8	20.5	8.8	215			FS	6
1980	1230	91	5	9/17/1980	2:15	0	20.5		220			FS	6
1980	1231	90	5	9/17/1980	2:24	8.4	20	8.6	220			FS	6
1980	1232	90	5	9/17/1980	2:33	12.6	20	8.8	220			FS	6
1980	1233	89	5	9/17/1980	2:45	0	21		210			FS	6
1980	1234	88	5	9/17/1980	2:55	10.5	21	8.6	220			FS	6
1980	1235	87	5	9/17/1980	3:04	17.1	21	8.5	215			FS	6
1980	1236	86	5	9/17/1980	3:14	18	21	8.5	215			FS	6
1980	1237	86	5	9/17/1980	3:24	15	21	8.6	220			FS	6
1980	1238	86	5	9/17/1980	3:35	17.1	21	8.5	220			FS	6
1980	1239	85	5	9/17/1980	21:02	19.5	22	6.8	225			FS	6
1980	1240	84	5	9/17/1980	21:10	19.5	22	6.7	225			FS	6
1980	1241	85	5	9/17/1980	21:19	0	22.5		225			FS	6
1980	1242	84	5	9/17/1980	21:28	0	22.5		225			FS	6
1980	1243	84	5	9/17/1980	23:21	13.5	22	5.6	225			FS	6
1980	1244	83	5	9/17/1980	23:31	0	22.5		225			FS	6
1980	1245	82	5	9/17/1980	23:38	0	22.5		225			FS	6
1980	1246	82	5	9/17/1980	23:45	16.5	22	5.2	225			FS	6
1980	1247	81	5	9/18/1980	0:03	18.3	22	5	230			FS	6
1980	1248	77	5	9/18/1980	0:20	14.1	22	7	240			FS	6
1980	1249	75	5	9/18/1980	0:38	0	23		300			FS	6
1980	1250	75	5	9/18/1980	0:45	16.5	23	6.8	260			FS	6

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1251	74	5	9/18/1980	0:53	17.7	23	6.8	265			FS	6
1980	1252	74	5	9/18/1980	1:02	12.3	23	6.9	300			FS	6
1980	1253	69	5	9/18/1980	1:32	0	23		570			FS	6
1980	1254	67	5	9/18/1980	1:47	12.9	23	6.7	960			FS	6
1980	1255	64	5	9/18/1980	2:04	12	23	6.8	1600			FS	6
1980	1256	62	5	9/18/1980	2:17	0	23.5		1900			FS	6
1980	1257	61	5	9/18/1980	2:27	7.5	23	7	2550			FS	6
1980	1258	58	6	9/18/1980	2:47	0	23		3200			FS	6
1980	1259	58	5	9/18/1980	2:55	0	23		3200			FS	6
1980	1261	58	5	9/18/1980	3:11	11.4	23	7.1	3000			FS	6
1980	1262	58	5	9/18/1980	3:19	7.2	23	7.1	3000			FS	6
1980	1263	57	5	9/18/1980	3:26	0	23		2050			FS	6
1980	1264	57	5	9/18/1980	3:34	12	22.5	7.3	3250			FS	6
1980	1265	57	6	9/18/1980	3:45	0	23		3450			FS	6
1980	1266	57	6	9/18/1980	3:52	0	23		3450			FS	6
1980	1267	57	5	9/18/1980	19:38	8.7	22	8	4300			FS	6
1980	1268	57	4	9/18/1980	19:49	0	22		2800			FS	6
1980	1269	56	5	9/18/1980	19:58	9.6	22	7.6	6400			FS	6
1980	1270	56	6	9/18/1980	20:07	0	22.5		4050			FS	6
1980	1271	55	5	9/18/1980	20:20	11.1	21.5	7.8	7400			FS	6
1980	1272	55	5	9/18/1980	20:30	16.5	22	7.5	8000			FS	6
1980	1273	55	5	9/18/1980	20:40	19.5	22	7.4	8000			FS	6
1980	1274	53	5	9/18/1980	20:55	17.4	22	7.5	8800			FS	6
1980	1275	53	5	9/18/1980	21:06	9.6	22	8	5800			FS	6
1980	1276	49	5	9/18/1980	21:34	31.5	22	7.5	10000			FS	6
1980	1277	48	5	9/18/1980	21:45	16.5	22	7.7	8800			FS	6
1980	1278	29	5	9/30/1980	23:16	0	20		14000			FS	7
1980	1279	29	4	9/30/1980	23:25	0	20		15500			FS	7
1980	1280	30	4	9/30/1980	23:34	0	20		14500			FS	7
1980	1281	30	4	9/30/1980	23:44	0	20		14000			FS	7
1980	1282	29	6	9/30/1980	23:58	0	19.5		15500			FS	7
1980	1283	30	6	10/1/1980	0:12	0	20		15500			FS	7
1980	1284	30	6	10/1/1980	0:34	0	19.5		14500			FS	7
1980	1285	30	5	10/1/1980	0:42	9	19.5	9.5	16000			FS	7
1980	1286	30	5	10/1/1980	0:50	9.6	20	9.7	15000			FS	7
1980	1287	31	6	10/1/1980	0:58	0	19.5		14000			FS	7
1980	1288	31	6	10/1/1980	1:06	0	19.5		14000			FS	7
1980	1289	31	6	10/1/1980	1:13	0	19.5		14000			FS	7
1980	1290	31	6	10/1/1980	1:20	0	20		14000			FS	7
1980	1291	32	6	10/1/1980	1:31	0	20		14000			FS	7
1980	1292	32	6	10/1/1980	1:39	0	19.5		14000			FS	7
1980	1293	33	6	10/1/1980	1:48	0	19.5		13500			FS	7
1980	1294	33	5	10/1/1980	1:59	0	20.5		12500			FS	7
1980	1295	31	4	10/1/1980	19:40	0	20.5		15500			FS	7
1980	1296	31	4	10/1/1980	19:55	0	20.5		15500			FS	7
1980	1297	31	4	10/1/1980	20:03	0	20.5		15500			FS	7
1980	1298	31	4	10/1/1980	20:13	0	20.5		16000			FS	7
1980	1299	31	4	10/1/1980	20:23	0	20		16000			FS	7
1980	1300	32	5	10/1/1980	20:37	9	20.5	8.6	18000			FS	7
1980	1301	32	5	10/1/1980	20:50	10.8	20.5	11.3	17500			FS	7
1980	1302	33	5	10/1/1980	21:00	10.2	20	8.6	16000			FS	7
1980	1303	34	5	10/1/1980	21:10	12.6	20	8.5	17500			FS	7
1980	1304	35	6	10/1/1980	21:26	0	21		13000			FS	7
1980	1305	35	6	10/1/1980	21:35	0	21		12500			FS	7
1980	1306	35	6	10/1/1980	21:47	0	21		12500			FS	7
1980	1307	35	6	10/1/1980	21:55	0	21		12000			FS	7
1980	1308	36	6	10/1/1980	22:05	0	21		12000			FS	7
1980	1309	36	6	10/1/1980	22:13	0	21		12500			FS	7
1980	1310	36	6	10/1/1980	22:21	0	21		12500			FS	7

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1311	36	6	10/1/1980	22:35	0	21		12000			FS	7
1980	1312	35	5	10/1/1980	22:47	0	21		13000			FS	7
1980	1313	36	5	10/1/1980	22:51	10.2	20	9.9	15500			FS	7
1980	1314	36	5	10/1/1980	23:03	10.8	20	9.7	15000			FS	7
1980	1315	36	5	10/1/1980	23:12	9	20	10.1	15500			FS	7
1980	1316	36	5	10/1/1980	23:21	7.8	20	9.8	15500			FS	7
1980	1317	36	5	10/1/1980	23:31	11.7	20	9.9	15000			FS	7
1980	1318	36	5	10/1/1980	23:43	0	21		12500			FS	7
1980	1319	36	5	10/1/1980	23:50	0	21		12000			FS	7
1980	1320	36	4	10/2/1980	0:01	0	22		12000			FS	7
1980	1321	37	6	10/2/1980	0:23	0	21		13000			FS	7
1980	1322	37	6	10/2/1980	0:36	0	21		12500			FS	7
1980	1323	37	6	10/2/1980	0:42	0	21		12500			FS	7
1980	1324	37	6	10/2/1980	0:51	0	21.5		12500			FS	7
1980	1325	37	6	10/2/1980	1:03	0	21.5		12000			FS	7
1980	1326	37	6	10/2/1980	1:14	0	21		12000			FS	7
1980	1327	37	5	10/2/1980	1:25	8.1	20.5	9.4	14000			FS	7
1980	1328	38	5	10/2/1980	1:35	8.7	20.5	9.7	12500			FS	7
1980	1329	38	6	10/2/1980	2:02	0	22		11500			FS	7
1980	1330	41	6	10/2/1980	19:43	0	22		10500			FS	7
1980	1331	41	6	10/2/1980	19:54	0	21.5		10500			FS	7
1980	1332	41	5	10/2/1980	20:17	0	22		10500			FS	7
1980	1333	41	5	10/2/1980	20:26	0	22		10500			FS	7
1980	1334	42	5	10/2/1980	20:38	0	21.5		11500			FS	7
1980	1335	42	4	10/2/1980	20:49	0	21.5		11000			FS	7
1980	1336	42	4	10/2/1980	20:58	0	21.5		11500			FS	7
1980	1337	42	4	10/2/1980	21:07	0	21.5		12000			FS	7
1980	1338	42	5	10/2/1980	21:16	8.7	21	8.8	12000			FS	7
1980	1339	42	5	10/2/1980	21:24	9	21	8.9	12000			FS	7
1980	1340	43	5	10/2/1980	21:34	18	21	8.8	12000			FS	7
1980	1341	43	6	10/2/1980	21:45	0	20		10000			FS	7
1980	1342	137	5	9/29/1980	21:59	0	21.5		200			FS	7
1980	1343	137	5	9/29/1980	22:14	0	21.5		200			FS	7
1980	1344	131	5	9/29/1980	22:50	0	21		205			FS	7
1980	1345	131	5	9/29/1980	23:00	0	22		210			FS	7
1980	1346	130	5	9/29/1980	23:25	0	21.5		205			FS	7
1980	1347	129	5	9/29/1980	23:39	0	22		205			FS	7
1980	1348	128	5	9/29/1980	23:55	0	21.5		205			FS	7
1980	1349	126	5	9/30/1980	0:09	0	22		205			FS	7
1980	1350	124	5	9/30/1980	0:38	0	22		205			FS	7
1980	1351	124	5	9/30/1980	0:58	0	22		205			FS	7
1980	1352	123	5	9/30/1980	1:09	0	21		205			FS	7
1980	1353	123	5	9/30/1980	1:23	0	20.5		215			FS	7
1980	1354	123	5	9/30/1980	1:34	0	22		210			FS	7
1980	1355	122	5	9/30/1980	1:48	0	22		210			FS	7
1980	1356	116	5	9/30/1980	2:27	0	22		220			FS	7
1980	1357	116	5	9/30/1980	2:33	0	21		220			FS	7
1980	1358	115	5	9/30/1980	2:50	0	21.5		220			FS	7
1980	1359	112	5	9/30/1980	3:07	0	20.5		220			FS	7
1980	1360	111	5	9/30/1980	3:19	0	22		220			FS	7
1980	1361	111	5	9/30/1980	3:29	0	21		220			FS	7
1980	1362	110	5	9/30/1980	3:40	0	22		215			FS	7
1980	1363	109	5	9/30/1980	3:49	0	21		220			FS	7
1980	1364	108	5	9/30/1980	4:02	0	22		220			FS	7
1980	1365	107	5	9/30/1980	4:12	0	22		220			FS	7
1980	1366	107	5	9/30/1980	4:20	0	22		220			FS	7
1980	1367	104	5	9/30/1980	4:44	0	22		220			FS	7
1980	1368	102	5	9/30/1980	5:09	0	22		220			FS	7
1980	1369	101	5	9/30/1980	5:19	0	22		220			FS	7

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1980	1370	100	5	9/30/1980	5:29	0	21.5		220			FS	7
1980	1371	111	5	9/30/1980	20:50	0	19		220			FS	7
1980	1372	111	5	9/30/1980	21:03	0	18.5		220			FS	7
1980	1373	110	5	9/30/1980	21:14	0	18.5		220			FS	7
1980	1374	109	5	9/30/1980	21:25	0	18		220			FS	7
1980	1375	99	5	9/30/1980	22:25	0	18.5		220			FS	7
1980	1376	98	5	9/30/1980	22:35	0	18.5		220			FS	7
1980	1377	98	5	9/30/1980	22:47	0	19		220			FS	7
1980	1379	98	5	9/30/1980	23:15	0	18.5		215			FS	7
1980	1380	98	5	9/30/1980	23:25	0						FS	7
1980	1381	98	5	9/30/1980	23:35	0	18.5		220			FS	7
1980	1382	97	5	9/30/1980	23:45	0	18.5		220			FS	7
1980	1383	97	5	9/30/1980	23:58	0	18.5		220			FS	7
1980	1384	97	5	10/1/1980	0:07	0	18.5		220			FS	7
1980	1385	97	5	10/1/1980	0:20	0	18.5		220			FS	7
1980	1386	97	5	10/1/1980	0:28	0	18.5		220			FS	7
1980	1387	96	5	10/1/1980	0:34	0	18.5		220			FS	7
1980	1388	96	5	10/1/1980	0:45	0	18.5		220			FS	7
1980	1389	95	5	10/1/1980	1:03	0	18.5		220			FS	7
1980	1390	95	5	10/1/1980	1:13	0	18.5		215			FS	7
1980	1391	94	5	10/1/1980	1:24	0	18.5		220			FS	7
1980	1392	93	5	10/1/1980	1:34	0	18		215			FS	7
1980	1393	93	5	10/1/1980	1:40	0	18		215			FS	7
1980	1394	93	5	10/1/1980	1:49	0	18		215			FS	7
1980	1395	92	5	10/1/1980	2:00	0	18		215			FS	7
1980	1396	92	5	10/1/1980	2:10	0	18		215			FS	7
1980	1397	90	5	10/1/1980	2:21	0	18		215			FS	7
1980	1398	90	5	10/1/1980	2:31	0	18		220			FS	7
1980	1399	89	5	10/1/1980	2:43	0	18		215			FS	7
1980	1400	89	5	10/1/1980	2:49	0	18		215			FS	7
1980	1401	89	5	10/1/1980	3:00	0	18		215			FS	7
1980	1402	88	5	10/1/1980	3:14	0	18		220			FS	7
1980	1403	87	5	10/1/1980	3:25	0	18.5		215			FS	7
1980	1404	87	5	10/1/1980	21:35	0	20		220			FS	7
1980	1405	87	5	10/1/1980	21:44	0	20		220			FS	7
1980	1406	86	5	10/1/1980	21:54	0	20		220			FS	7
1980	1407	86	5	10/1/1980	22:02	0	20		220			FS	7
1980	1408	84	5	10/1/1980	22:17	0	20		220			FS	7
1980	1409	85	5	10/1/1980	22:26	0	20		220			FS	7
1980	1410	84	5	10/1/1980	22:39	0	20		230			FS	7
1980	1411	83	5	10/1/1980	22:49	0	20		225			FS	7
1980	1412	83	5	10/1/1980	23:55	0	20		225			FS	7
1980	1413	82	5	10/1/1980	23:05	0	20		225			FS	7
1980	1414	82	5	10/1/1980	23:11	0	20		225			FS	7
1980	1415	82	5	10/1/1980	23:20	0	20		230			FS	7
1980	1416	81	5	10/1/1980	23:30	0	20		230			FS	7
1980	1417	79	5	10/1/1980	23:45	0	20.5		240			FS	7
1980	1418	76	5	10/2/1980	0:11	0	20.5		275			FS	7
1980	1419	74	5	10/2/1980	0:25	0	20		320			FS	7
1980	1420	72	5	10/2/1980	0:42	0	21		420			FS	7
1980	1421	71	5	10/2/1980	0:58	0	21		510			FS	7
1980	1422	68	5	10/2/1980	1:16	0	21		755			FS	7
1980	1423	67	5	10/2/1980	1:36	0	21.5		905			FS	7
1980	1424	66	5	10/2/1980	1:50	0	21		905			FS	7
1980	1425	65	5	10/2/1980	2:00	0	21.5		1200			FS	7
1980	1426	64	5	10/2/1980	2:11	0	21		1200			FS	7
1980	1427	60	5	10/2/1980	2:43	0	21		2000			FS	7
1980	1428	59	5	10/2/1980	2:55	0	20		2000			FS	7
1980	1429	59	5	10/2/1980	3:04	0	20.5		2650			FS	7

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1980	1430	58	5	10/2/1980	3:14	0	20		2350			FS	7
1980	1432	134	5	10/13/1980	20:20	0	13		200			FS	8
1980	1433	134	5	10/13/1980	20:35	0	13		195			FS	8
1980	1434	130	5	10/13/1980	21:00	0	13		200			FS	8
1980	1435	130	5	10/13/1980	21:13	0	13		205			FS	8
1980	1436	128	5	10/13/1980	21:30	0	14		205			FS	8
1980	1437	127	5	10/13/1980	21:41	0	14		200			FS	8
1980	1439	127	5	10/13/1980	22:04	0	14		205			FS	8
1980	1440	126	5	10/13/1980	22:13	0	14		205			FS	8
1980	1441	124	5	10/13/1980	22:34	0	14		210			FS	8
1980	1442	120	5	10/13/1980	22:59	0	14		215			FS	8
1980	1443	120	5	10/13/1980	23:07	0	14		205			FS	8
1980	1444	119	5	10/13/1980	23:27	0	14		210			FS	8
1980	1445	116	5	10/13/1980	23:50	0	14		215			FS	8
1980	1446	115	5	10/14/1980	0:04	0	14		210			FS	8
1980	1447	115	5	10/14/1980	0:15	0	14		210			FS	8
1980	1448	114	5	10/14/1980	0:32	0	14		215			FS	8
1980	1449	114	5	10/14/1980	0:43	0	14		210			FS	8
1980	1450	113	5	10/14/1980	0:55	0	14		205			FS	8
1980	1451	113	5	10/14/1980	1:02	0	14		210			FS	8
1980	1452	117	5	10/14/1980	1:20	0	14		210			FS	8
1980	1453	110	5	10/14/1980	1:35	0	14		200			FS	8
1980	1454	109	5	10/14/1980	1:46	0	14		200			FS	8
1980	1455	109	5	10/14/1980	1:56	0	14		205			FS	8
1980	1456	108	5	10/14/1980	2:08	0	14		205			FS	8
1980	1457	108	5	10/14/1980	2:25	0	14		205			FS	8
1980	1458	107	5	10/14/1980	2:42	0	14		200			FS	8
1980	1459	107	5	10/14/1980	2:54	0	14		205			FS	8
1980	1460	107	5	10/14/1980	3:00	0	14		205			FS	8
1980	1461	43	5	10/2/1980	21:55	27	20.5	9.1	13500			FS	7
1980	1462	46	5	10/2/1980	22:20	0	22		9200			FS	7
1980	1463	47	5	10/2/1980	22:29	0	21.5		8700			FS	7
1980	1464	47	5	10/2/1980	22:38	0	22		8650			FS	7
1980	1465	48	5	10/2/1980	23:00	24	21	7.8	8400			FS	7
1980	1466	49	5	10/2/1980	23:13	0	21.5		7900			FS	7
1980	1467	49	5	10/2/1980	23:28	0	21		7650			FS	7
1980	1468	53	5	10/3/1980	0:02	0	21		5600			FS	7
1980	1469	53	5	10/3/1980	0:11	0	21		5550			FS	7
1980	1470	55	5	10/3/1980	0:27	0	21		5400			FS	7
1980	1471	56	6	10/3/1980	0:36	0	20.5		5450			FS	7
1980	1472	58	5	10/3/1980	0:58	0	21		4800			FS	7
1980	1473	58	5	10/3/1980	1:06	0	21		4200			FS	7
1980	1474	58	5	10/3/1980	1:12	0	21		3950			FS	7
1980	1475	56	6	10/3/1980	1:22	0	21		4450			FS	7
1980	1476	56	6	10/3/1980	1:41	0	21		4800			FS	7
1980	1477	56	6	10/3/1980	1:59	0	21		4800			FS	7
1980	1478	56	6	10/3/1980	2:16	0	20.5		5000			FS	7
1980	1479	56	5	10/3/1980	2:24	0	21		5050			FS	7
1980	1480	108	5	10/14/1980	3:10	0	14		205			FS	8
1980	1481	110	5	10/14/1980	3:52	0	14		205			FS	8
1980	1482	106	5	10/14/1980	21:50	15	13	10.2	205			FS	8
1980	1483	106	5	10/14/1980	22:15	12	13	10.4	215			FS	8
1980	1484	106	5	10/14/1980	22:30	12	13	10.4	225			FS	8
1980	1485	104	5	10/14/1980	22:40	0	14		220			FS	8
1980	1486	103	5	10/14/1980	22:50	0	14		220			FS	8
1980	1487	101	5	10/14/1980	23:10	12.6	13	10	220			FS	8
1980	1488	100	5	10/14/1980	23:25	7.2	13	9.8	220			FS	8
1980	1489	98	5	10/14/1980	23:40	13.8	13	10	220			FS	8
1980	1490	98	5	10/14/1980	23:55	0	13		220			FS	8

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1491	98	5	10/15/1980	0:05	8.4	13	9.8	220			FS	8
1980	1492	97	5	10/15/1980	0:20	12	13	10.8	220			FS	8
1980	1493	97	5	10/15/1980	1:00	0	14		220			FS	8
1980	1494	97	5	10/15/1980	1:10	11.4	13	10.6	220			FS	8
1980	1495	96	5	10/15/1980	1:25	14.1	12	10.4	220			FS	8
1980	1496	96	5	10/15/1980	1:45	7.5	13	10.8	220			FS	8
1980	1497	96	5	10/15/1980	1:55	0	13.5		220			FS	8
1980	1498	95	5	10/15/1980	2:15	0	13		220			FS	8
1980	1499	94	5	10/15/1980	2:30	7.5	13	10.2	220			FS	8
1980	1500	93	5	10/15/1980	2:50	10.5	13	10.4	220			FS	8
1980	1501	93	5	10/15/1980	3:00	9	13	10.1	220			FS	8
1980	1502	93	5	10/15/1980	3:15	0	14		220			FS	8
1980	1503	92	5	10/15/1980	3:30	0	14		220			FS	8
1980	1504	92	5	10/15/1980	3:45	0	14		220			FS	8
1980	1505	91	5	10/15/1980	4:00	7.5	13	11	220			FS	8
1980	1506	92	5	10/15/1980	4:15	0	14		220			FS	8
1980	1507	93	5	10/15/1980	4:20	0	14		220			FS	8
1980	1508	93	5	10/15/1980	4:30	6.6	12.5	10.6	220			FS	8
1980	1509	94	5	10/15/1980	4:45	12	13	10.5	220			FS	8
1980	1510	90	5	10/15/1980	5:15	12	12.5	10.4	220			FS	8
1980	1511	88	5	10/15/1980	20:31	12	13	7.2	220			FS	8
1980	1512	88	5	10/15/1980	20:43	0	13		220			FS	8
1980	1513	87	5	10/15/1980	20:49	0	13		220			FS	8
1980	1514	87	5	10/15/1980	21:00	0	13		220			FS	8
1980	1515	86	5	10/15/1980	21:21	18	13.5	9.4	220			FS	8
1980	1517	86	5	10/15/1980	21:45	8.4	13	10	225			FS	8
1980	1518	84	5	10/15/1980	21:48	14.4	13	9.3	220			FS	8
1980	1519	84	5	10/15/1980	22:02	15	14	9	225			FS	8
1980	1520	84	5	10/15/1980	22:15	0	14		220			FS	8
1980	1521	83	5	10/15/1980	22:25	0	13		220			FS	8
1980	1522	82	5	10/15/1980	22:35	12	14.5	8.9	225			FS	8
1980	1523	81	5	10/15/1980	22:46	12	14	9	225			FS	8
1980	1524	81	5	10/15/1980	22:55	0	15		225			FS	8
1980	1525	78	5	10/15/1980	23:16	14.4	13	9	225			FS	8
1980	1526	77	5	10/15/1980	23:30	15	12.5	9.8	230			FS	8
1980	1527	74	5	10/15/1980	23:50	14.1	14	8.4	240			FS	8
1980	1528	74	5	10/16/1980	24:00:00	13.5	15	8.5	240			FS	8
1980	1529	73	5	10/16/1980	0:11	18	15	8.5	240			FS	8
1980	1530	71	5	10/16/1980	0:31	13.8	16	8.5	260			FS	8
1980	1531	70	5	10/16/1980	0:49	0	15		320			FS	8
1980	1532	68	5	10/16/1980	1:00	0	16		350			FS	8
1980	1533	67	5	10/16/1980	1:11	12	15	8.2	380			FS	8
1980	1534	62	5	10/16/1980	1:46	0	17		1100			FS	8
1980	1535	61	5	10/16/1980	2:00	0	16		1750			FS	8
1980	1536	60	6	10/16/1980	2:10	0	17		1600			FS	8
1980	1537	59	5	10/16/1980	2:22	9	15	8.7	2750			FS	8
1980	1538	58	5	10/16/1980	2:35	0	17		2000			FS	8
1980	1539	57	5	10/16/1980	2:44	0	16		2800			FS	8
1980	1540	57	5	10/16/1980	2:54	0	16.5		2850			FS	8
1980	1541	56	6	10/16/1980	19:40	0	17		4050			FS	8
1980	1542	56	6	10/16/1980	19:50	0	17		4050			FS	8
1980	1543	56	6	10/16/1980	20:00	0	17		4250			FS	8
1980	1544	56	6	10/16/1980	20:05	0	17		4400			FS	8
1980	1545	56	5	10/16/1980	20:15	15	17.5	U				FS	8
1980	1546	56	5	10/16/1980	20:25	9	17	9.3	5800			FS	8
1980	1547	56	5	10/16/1980	20:40	15	17	9.6	6000			FS	8
1980	1548	54	5	10/16/1980	20:55	0	17		5350			FS	8
1980	1549	54	5	10/16/1980	21:00	10.8	17	9.2	6800			FS	8
1980	1550	52	5	10/16/1980	21:20	24	17	7.8	8000			FS	8

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1551	51	5	10/16/1980	21:30	15.6	17	7.8	7800			FS	8
1980	1552	50	5	10/16/1980	21:40	19.5	17	7.8	7000			FS	8
1980	1553	49	5	10/16/1980	21:55	14.4	17	7.6	7150			FS	8
1980	1554	43	5	10/16/1980	22:25	0	17.5		8200			FS	8
1980	1555	139	5	10/27/1980		10.5	9		280			FS	9
1980	1556	138	5	10/27/1980	21:43	10.5	9.5	10.8	245			FS	9
1980	1557	137	5	10/27/1980	21:52	9	9.5	10.7	240			FS	9
1980	1558	135	5	10/27/1980	22:09	9	9	10.5	220			FS	9
1980	1559	134	5	10/27/1980	22:23	9.6	9.5	10.6	210			FS	9
1980	1560	130	5	10/27/1980	23:59	10.2	9.5	10.3	215			FS	9
1980	1561	128	5	10/28/1980	0:15	8.4	10	10	215			FS	9
1980	1562	126	5	10/28/1980	0:31	9.6	10	9.9	215			FS	9
1980	1563	16	5	10/13/1980	20:05	0	16		20000			FS	8
1980	1564	16	5	10/13/1980	20:15	0	16		20500			FS	8
1980	1565	17	5	10/13/1980	20:26	0	16		20000			FS	8
1980	1566	19	4	10/13/1980	20:57	0	16		18500			FS	8
1980	1567	19	4	10/13/1980	21:05	0	15		18000			FS	8
1980	1568	19	4	10/13/1980	21:15	0	15.5		18000			FS	8
1980	1569	22	4	10/13/1980	21:43	0	14.5		18500			FS	8
1980	1570	22	4	10/13/1980	22:00	0	16		17000			FS	8
1980	1571	22	4	10/13/1980	22:15	0	15		16000			FS	8
1980	1572	23	5	10/13/1980	22:35	0	16		16000			FS	8
1980	1573	22	5	10/13/1980	22:52	0	16		16000			FS	8
1980	1574	23	4	10/13/1980	23:02	0	15		16500			FS	8
1980	1575	24	4	10/13/1980	23:13	0	15.5		16500			FS	8
1980	1576	24	4	10/13/1980	23:21	0	15.5		16500			FS	8
1980	1577	24	4	10/13/1980	23:28	0	15.5		16500			FS	8
1980	1578	24	5	10/13/1980	23:42	13.5	16	8.1	16500			FS	8
1980	1579	25	5	10/13/1980	23:51	0	16		15500			FS	8
1980	1580	25	4	10/14/1980	0:07	0	15		16000			FS	8
1980	1581	25	4	10/14/1980	0:17	0	15		16000			FS	8
1980	1582	26	4	10/14/1980	0:26	0	16		15500			FS	8
1980	1583	25	5	10/14/1980	19:02	10.5	15.5	9.3	16000			FS	8
1980	1584	25	5	10/14/1980	19:13	0	15.5		16000			FS	8
1980	1585	26	5	10/14/1980	19:23	10.5	15.5	8.1	17500			FS	8
1980	1586	26	5	10/14/1980	19:34	10.8	15.5	8.1	18000			FS	8
1980	1587	26	5	10/14/1980	20:26	0	15		16000			FS	8
1980	1588	27	5	10/14/1980	20:43	0	14.5		14000			FS	8
1980	1589	26	4	10/14/1980	20:54	0	15		14500			FS	8
1980	1590	26	4	10/14/1980	21:02	0	15.5		15500			FS	8
1980	1591	27	5	10/14/1980	21:15	10.8	16	7.6	15500			FS	8
1980	1592	27	4	10/14/1980	21:30	0	15		15000			FS	8
1980	1593	27	4	10/14/1980	21:37	0	15		14000			FS	8
1980	1594	27	4	10/14/1980	21:47	0	15		15000			FS	8
1980	1595	28	5	10/14/1980	22:00	0	15		13500			FS	8
1980	1596	28	4	10/14/1980	22:11	0	15		14000			FS	8
1980	1597	28	4	10/14/1980	22:19	0	15		14000			FS	8
1980	1598	28	4	10/14/1980	22:26	0	15		14000			FS	8
1980	1599	28	4	10/14/1980	22:34	0	15		13500			FS	8
1980	1600	29	4	10/14/1980	22:42	0	15.5		13500			FS	8
1980	1601	29	4	10/14/1980	22:51	0	15		13500			FS	8
1980	1602	29	4	10/14/1980	22:58	0	15		13500			FS	8
1980	1603	29	4	10/14/1980	23:10	0	15		13500			FS	8
1980	1604	29	4	10/14/1980	23:21	0	15		14000			FS	8
1980	1605	29	4	10/14/1980	23:30	0	15		14000			FS	8
1980	1606	29	4	10/14/1980	23:42	0	15		13000			FS	8
1980	1607	29	6	10/15/1980	0:00	0	14.5		12500			FS	8
1980	1608	29	5	10/15/1980	0:16	12	15	8.5	14000			FS	8
1980	1609	30	4	10/15/1980	0:32	0	15		13500			FS	8

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1610	30	4	10/15/1980	0:42	0	15		13500			FS	8
1980	1611	30	4	10/15/1980	0:53	0	15		12500			FS	8
1980	1612	30	6	10/15/1980	1:15	0	15		12000			FS	8
1980	1613	31	6	10/15/1980	1:31	0	15		12000			FS	8
1980	1614	31	5	10/15/1980	19:05	10.5	15.5	7.8	15500			FS	8
1980	1615	31	5	10/15/1980	19:22	0	15	7.8	13500			FS	8
1980	1616	32	4	10/15/1980	19:32	0	15	8.8	14000			FS	8
1980	1617	32	5	10/15/1980	19:42	8.4	15	7.8	15500			FS	8
1980	1618	32	5	10/15/1980	19:50	8.1	15.5	8.2	13500			FS	8
1980	1619	33	5	10/15/1980	20:00	7.5	15	8.2	14000			FS	8
1980	1620	32	6	10/15/1980	20:18	0	15	8.9	12500			FS	8
1980	1621	32	6	10/15/1980	20:25	0	15	8.5	12000			FS	8
1980	1622	34	5	10/15/1980	20:44	11.7	15	6.9	13500			FS	8
1980	1625	34	5	10/15/1980	21:08	13.5	15.5	7.8	13500			FS	8
1980	1626	34	5	10/15/1980	21:17	13.2	15.5	8.4	13500			FS	8
1980	1627	35	6	10/15/1980	21:27	0	16	8.4	12000			FS	8
1980	1628	35	6	10/15/1980	21:43	0	15	8.5	13500			FS	8
1980	1629	35	6	10/15/1980	21:55	0	16	8.3	10500			FS	8
1980	1630	36	6	10/15/1980	22:03	0	16	8.4	11500			FS	8
1980	1631	35	6	10/15/1980	22:12	0	16	8.1	12000			FS	8
1980	1632	36	5	10/15/1980	22:23	7.5	16	7.8	12500			FS	8
1980	1633	36	5	10/15/1980	22:31	11.4	16	7.7	12000			FS	8
1980	1634	36	5	10/15/1980	22:42	0	17	7.7	10000			FS	8
1980	1635	36	4	10/15/1980	22:52	0	17	8	10500			FS	8
1980	1636	37	5	10/15/1980	23:07	0	18	7.5	10000			FS	8
1980	1637	37	6	10/15/1980	23:20	0	17	8	10500			FS	8
1980	1638	37	6	10/15/1980	23:27	0	17	8.3	10000			FS	8
1980	1639	37	6	10/15/1980	23:35	0	17	8	10000			FS	8
1980	1640	36	6	10/15/1980	23:47	0	17	7.9	10000			FS	8
1980	1641	37	6	10/15/1980	23:56	0	16.5	7.8	10000			FS	8
1980	1642	37	6	10/16/1980	0:05	0	16	7.7	10000			FS	8
1980	1643	37	6	10/16/1980	0:16	0	17	7.6	10000			FS	8
1980	1644	37	6	10/16/1980	0:22	0	17	7.6	10000			FS	8
1980	1645	37	6	10/16/1980	0:32	0	17.5	7.5	10000			FS	8
1980	1646	37	5	10/16/1980	0:38	7.5	16	7.3	11000			FS	8
1980	1647	38	5	10/16/1980	0:58	6.3	17.5	7.7	10000			FS	8
1980	1648	38	5	10/16/1980	1:07	9	17	7.7	10500			FS	8
1980	1649	38	5	10/16/1980	1:18	10.5	17	7.5	10000			FS	8
1980	1650	38	6	10/16/1980	1:29	0	17.5	7.5	9400			FS	8
1980	1651	39	6	10/16/1980	18:43	0	18.5		10000			FS	8
1980	1652	39	4	10/16/1980	18:57	0	19		9800			FS	8
1980	1653	39	5	10/16/1980	19:06	15	18	7.3	10500			FS	8
1980	1654	40	5	10/16/1980	19:17	18	17.5	7	11000			FS	8
1980	1655	40	5	10/16/1980	19:25	0	18.5		9650			FS	8
1980	1656	41	5	10/16/1980	19:38	8.4	18	7.2	10000			FS	8
1980	1657	41	4	10/16/1980	19:49	0	18		10000			FS	8
1980	1658	42	4	10/16/1980	19:57	0	18		9800			FS	8
1980	1659	42	5	10/16/1980	20:12	0	19		9150			FS	8
1980	1660	43	6	10/16/1980	20:28	0	18.5		8250			FS	8
1980	1661	43	6	10/16/1980	20:37	0	18.5		8400			FS	8
1980	1662	43	5	10/16/1980	20:45	0	18.5		8600			FS	8
1980	1663	44	5	10/16/1980	21:05	0	18.5		8200			FS	8
1980	1664	47	5	10/16/1980	21:32	0	18		7550			FS	8
1980	1665	47	5	10/16/1980	21:40	0	18.5		7400			FS	8
1980	1666	15	4	10/27/1980	18:30	4.5	12.5	9.2	18000			FS	9
1980	1667	15	4	10/27/1980	18:45	0	13		18000			FS	9
1980	1668	16	4	10/27/1980	19:05	5.4	12.5	9.4	18000			FS	9
1980	1669	16	4	10/27/1980	19:17	5.4	12.5	9.4	17500			FS	9
1980	1671	16	5	10/27/1980	19:53	0	12.5		17500			FS	9

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1672	17	5	10/27/1980	20:05	0	12.5		16500			FS	9
1980	1673	18	5	10/27/1980	20:18	3.6	12.5	8.9	16000			FS	9
1980	1674	19	5	10/27/1980	20:40	3	12.5	9.4	16000			FS	9
1980	1675	19	5	10/27/1980	20:50	5.1	12.5	9.5	15500			FS	9
1980	1676	19	4	10/27/1980	21:00	5.7	12	9.5	15000			FS	9
1980	1677	20	4	10/27/1980	21:27	5.4	12.5	8.9	14500			FS	9
1980	1678	22	4	10/27/1980	21:53	4.5	12	9.1	14000			FS	9
1980	1679	24	4	10/27/1980	22:22	4.2	12	9.1	14000			FS	9
1980	1680	25	5	10/27/1980	22:45	11.4	12.5	8.9	14000			FS	9
1980	1681	25	5	10/28/1980	17:47	9	12	9.8	16000			FS	9
1980	1682	25	4	10/28/1980	18:00	5.4	12	9.4	16000			FS	9
1980	1683	26	4	10/28/1980	18:13	5.1	12	9.1	14500			FS	9
1980	1684	26	4	10/28/1980	18:30	4.5	12	8.9	14500			FS	9
1980	1685	26	4	10/28/1980	18:40	3.6	12	9.7	14500			FS	9
1980	1686	26	4	10/28/1980	18:55	3	12	9.1	14000			FS	9
1980	1687	26	4	10/28/1980	19:09	3	11.5	9.1	14000			FS	9
1980	1688	26	4	10/28/1980	19:23	3.6	11.5	7.7	14000			FS	9
1980	1689	26	4	10/28/1980	19:35	5.1	11.5	8.7	14000			FS	9
1980	1690	26	5	10/28/1980	19:46	9	11.5	8.9	13500			FS	9
1980	1691	27	5	10/28/1980	20:06	5.4	11.5	9.9	13500			FS	9
1980	1692	27	5	10/28/1980	20:15	9	12	9.5	13500			FS	9
1980	1693	27	4	10/28/1980	20:27	4.5	11.5	10.5	14000			FS	9
1980	1694	27	4	10/28/1980	20:40	3	11.5	8.4	13500			FS	9
1980	1695	27	4	10/28/1980	20:53	2.4	11.5	10.3	13500			FS	9
1980	1696	27	4	10/28/1980	21:08	3	11.5	9.1	13500			FS	9
1980	1697	27	4	10/28/1980	21:24	3	11	10.4	14000			FS	9
1980	1698	28	4	10/28/1980	21:42	3	11	9.8	12000			FS	9
1980	1699	29	4	10/28/1980	22:00	3	11	9.2	12000			FS	9
1980	1700	28	4	10/28/1980	22:16	4.5	12	9.4	11000			FS	9
1980	1701	30	4	10/28/1980	22:29	5.1	12	9.4	10500			FS	9
1980	1702	30	4	10/28/1980	22:43	5.4	12	10	10500			FS	9
1980	1703	30	4	10/28/1980	23:00	4.5	12	9.5	10000			FS	9
1980	1704	30	4	10/28/1980	23:15	3.6	11	9.8	10500			FS	9
1980	1705	30	4	10/28/1980	23:30	3	11	10	11000			FS	9
1980	1706	30	6	10/28/1980	23:39	3.6	11	9.4	11000			FS	9
1980	1707	28	5	10/29/1980	17:35	10.5	12	9.5	15000			FS	9
1980	1708	29	5	10/29/1980	17:48	5.4	11.5	10.1	14000			FS	9
1980	1709	29	6	10/29/1980	17:58	3	11.5	10.1	12000			FS	9
1980	1710	31	5	10/29/1980	18:22	0	11.5		12500			FS	9
1980	1711	31	5	10/29/1980	18:30	0	11.5		12000			FS	9
1980	1712	31	6	10/29/1980	18:43	0	11.5		10500			FS	9
1980	1713	31	5	10/29/1980	19:03	0	11.5		10000			FS	9
1980	1714	39	6	10/29/1980	21:10	3	13	9.3	8400			FS	9
1980	1715	38	6	10/29/1980	21:20	3	13	8.4	8300			FS	9
1980	1716	37	6	10/29/1980	21:29	3	13	8.6	8550			FS	9
1980	1717	37	6	10/29/1980	21:40	3	13	8.5	8450			FS	9
1980	1718	37	6	10/29/1980	21:48	3	12.5	8.7	8800			FS	9
1980	1719	37	6	10/29/1980	21:55	3	12.5	9.1	8800			FS	9
1980	1720	36	6	10/29/1980	22:03	3	12.5	9.5	8750			FS	9
1980	1721	36	6	10/29/1980	22:11	3	12	9.5	9250			FS	9
1980	1722	36	6	10/29/1980	22:18	3	12	9.4	9200			FS	9
1980	1723	36	6	10/29/1980	22:28	3	12	9.3	9200			FS	9
1980	1724	35	6	10/29/1980	22:38	3	12	9.4	9600			FS	9
1980	1725	35	6	10/29/1980	22:47	3	12	9.4	9200			FS	9
1980	1726	35	6	10/29/1980	22:55	3	12	10.9	8800			FS	9
1980	1727	34	6	10/29/1980	23:03	3	12.5	9.7	8800			FS	9
1980	1728	35	6	10/29/1980	23:12	3	12	9.4	9800			FS	9
1980	1729	35	5	10/29/1980	23:28	10.5	12.5	9.5	9400			FS	9
1980	1730	35	4	10/29/1980	23:40	3	13	9.3	8000			FS	9

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1731	37	5	10/30/1980	0:01	9	13	9.2	8650			FS	9
1980	1732	38	5	10/30/1980	0:11	9.6	13.5	9.1	8400			FS	9
1980	1733	31	5	10/30/1980	17:27	12	11.5	9.2	13000			FS	9
1980	1734	31	5	10/30/1980	17:35	6	11.5	10	12000			FS	9
1980	1735	32	6	10/30/1980	17:45	4.5	11		10500			FS	9
1980	1736	32	6	10/30/1980	18:05	0	11		10500			FS	9
1980	1737	33	5	10/30/1980	18:20	0	12		11000			FS	9
1980	1738	32	5	10/30/1980	18:35	9.6	11.5	9.4	12500			FS	9
1980	1739	33	4	10/30/1980	18:47	4.2	11	9.6	12000			FS	9
1980	1740	32	5	10/30/1980	18:58	4.8	11	9.4	12000			FS	9
1980	1741	32	5	10/30/1980	19:10	3	11	9.5	10500			FS	9
1980	1742	33	4	10/30/1980	19:20	4.2	11	10	11500			FS	9
1980	1743	33	5	10/30/1980	19:32	3.6	11.5	9.8	10500			FS	9
1980	1744	34	5	10/30/1980	19:47	6	10.5	9.6	10000			FS	9
1980	1745	34	5	10/30/1980	19:56	12.6	12	9.5	11500			FS	9
1980	1747	34	5	10/30/1980	20:19	12	11	9.6	11000			FS	9
1980	1750	34	5	10/30/1980	20:54	12	12	9.6	11500			FS	9
1980	1751	37	5	10/30/1980	21:20	3.6	12	10.9	8050			FS	9
1980	1752	37	5	10/30/1980	21:30	5.4	12.5	9.7	8200			FS	9
1980	1753	38	5	10/30/1980	20:40	12	12	9.7	9750			FS	9
1980	1754	38	5	10/30/1980	20:57	9	12.5	9.9	9200			FS	9
1980	1755	39	5	10/30/1980	22:07	11.4	12.5	9.9	9200			FS	9
1980	1756	40	4	10/30/1980	22:26	0	12		6150			FS	9
1980	1757	40	4	10/30/1980	22:54	5.7	13	10.1	6350			FS	9
1980	1758	40	5	10/30/1980	23:04	10.5	13	9.8	6450			FS	9
1980	1759	41	5	10/30/1980	23:18	14.4	13.5	9.4	6000			FS	9
1980	1760	41	5	10/30/1980	23:28	19.5	13.5	9.6	6450			FS	9
1980	1761	42	5	10/30/1980	23:40	12	13	9.6	7150			FS	9
1980	1762	136	5	11/10/1980	20:55	0	5.5		200			FS	10
1980	1763	135	5	11/10/1980	21:12	10.2	5.5	12.3	200			FS	10
1980	1764	133	5	11/10/1980	21:32	10.5	6	12	200			FS	10
1980	1765	130	5	11/10/1980	21:55	10.5	6	12.8	195			FS	10
1980	1766	129	5	11/10/1980	22:09	10.5	6	12.6	280			FS	10
1980	1767	127	5	11/10/1980	22:20	9	6	12.6	195			FS	10
1980	1768	127	5	11/10/1980	22:33	10.5	6	12.6	195			FS	10
1980	1769	126	5	11/10/1980	22:45	10.5	5.5	12.4	195			FS	10
1980	1770	124	5	11/10/1980	23:02	9	6	12.2	200			FS	10
1980	1771	122	5	11/10/1980	23:17	9.9	5	12.1	200			FS	10
1980	1772	122	5	11/10/1980	23:45	3.6	5.5	12.1	195			FS	10
1980	1773	119	5	11/11/1980	0:02	3.6	5	12	195			FS	10
1980	1774	120	5	11/11/1980	0:14	9.9	5.5	12	200			FS	10
1980	1775	120	5	11/11/1980	0:25	9	5.5	11.8	200			FS	10
1980	1776	120	5	11/11/1980	0:34	9.9	5.5	12	195			FS	10
1980	1777	117	5	11/11/1980	1:33	10.8	5	12.1	190			FS	10
1980	1778	116	5	11/11/1980	1:41	11.4	5	12	200			FS	10
1980	1779	116	5	11/11/1980	1:50	10.2	5	11.9	190			FS	10
1980	1780	114	5	11/11/1980	2:22	11.4	5	11.8	200			FS	10
1980	1781	124	5	10/28/1980	0:47	9	10	9.8	215			FS	9
1980	1782	124	5	10/28/1980	1:15	3.6	10	9.3	215			FS	9
1980	1783	123	5	10/28/1980	1:33	10.5	10.5	9.2	210			FS	9
1980	1784	121	5	10/28/1980	1:48	7.5	10.5	9.8	215			FS	9
1980	1785	122	5	10/28/1980	2:02	4.8	10.5	9.4	205			FS	9
1980	1787	120	5	10/28/1980	2:53	9.6	10.5	9.4	215			FS	9
1980	1788	119	5	10/28/1980	3:10	9	11	9.8	215			FS	9
1980	1789	119	5	10/28/1980	3:23	3.6	10.5	9.4	215			FS	9
1980	1790	118	5	10/28/1980	3:49	3.6	11	9.2	220			FS	9
1980	1791	118	5	10/28/1980	3:53	3.6	10.5	9.3	220			FS	9
1980	1792	114	5	10/28/1980	4:23	3.6	10	8.8	215			FS	9
1980	1793	109	5	10/28/1980	5:05	7.5	10	9.4	215			FS	9

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1794	108	5	10/28/1980	21:10	7.5	10	10.2	225			FS	9
1980	1795	108	5	10/28/1980	21:21	9	10	10.2	225			FS	9
1980	1796	108	5	10/28/1980	21:31	6.6	10	10.4	235			FS	9
1980	1797	107	5	10/28/1980	21:42	6.6	10	10.4	235			FS	9
1980	1798	107	5	10/28/1980	21:54	0	10		235			FS	9
1980	1799	107	5	10/28/1980	22:01	7.2	10	10.4	235			FS	9
1980	1800	107	5	10/28/1980	22:12	7.2	10	10.6	215			FS	9
1980	1801	107	5	10/28/1980	22:25	9.6	10	10.4	215			FS	9
1980	1802	107	5	10/28/1980	22:37	12	10	10.2	220			FS	9
1980	1803	106	5	10/28/1980	22:52	3.6	9.5	10.2	210			FS	9
1980	1804	105	5	10/28/1980	23:06	10.2	10	10	215			FS	9
1980	1805	105	5	10/28/1980	23:17	12	10	10.5	210			FS	9
1980	1806	105	5	10/28/1980	23:28	10.5	10	10.8	210			FS	9
1980	1807	101	5	10/28/1980	23:56	15	10	10.8	210			FS	9
1980	1808	100	5	10/29/1980	0:08	11.4	10	10.8	205			FS	9
1980	1809	100	5	10/29/1980	0:23	3.6	9.5	11	205			FS	9
1980	1810	98	5	10/29/1980	0:42	11.4	10	11.6	220			FS	9
1980	1811	97	5	10/29/1980	3:12	9	10	10.8	215			FS	9
1980	1812	97	5	10/29/1980	3:30	14.4	10	11	215			FS	9
1980	1813	97	5	10/29/1980	3:40	12	10	11.8	215			FS	9
1980	1814	97	5	10/29/1980	3:54	0	14		215			FS	9
1980	1815	96	5	10/29/1980	4:13	0	14		215			FS	9
1980	1816	95	5	10/29/1980	4:28	0	14		215			FS	9
1980	1817	96	5	10/29/1980	4:43	3.6	10	11.6	220			FS	9
1980	1818	95	5	10/29/1980	4:54	12.6	10	11.4	220			FS	9
1980	1819	95	5	10/29/1980	5:03	15	10	11.4	225			FS	9
1980	1820	95	5	10/29/1980	5:13	12.6	10	12	220			FS	9
1980	1821	94	5	10/29/1980	5:28	12.6	10	12.2	220			FS	9
1980	1822	93	5	10/29/1980	5:38	12	10	12	220			FS	9
1980	1823	92	5	10/29/1980	5:53	9	10	12.2	220			FS	9
1980	1824	93	5	10/29/1980	20:15	3.6	10	11	220			FS	9
1980	1825	92	5	10/29/1980	20:32	3.6	10	10	225			FS	9
1980	1826	92	5	10/29/1980	20:46	6.6	10.5	10.2	225			FS	9
1980	1828	90	5	10/29/1980	21:10	15	10.5	10.3	220			FS	9
1980	1829	91	5	10/29/1980	21:23	9	10	9.9	220			FS	9
1980	1830	91	5	10/29/1980	21:36	7.2	10	9.9	220			FS	9
1980	1831	90	5	10/29/1980	21:50	9	10	10.2	220			FS	9
1980	1832	90	5	10/29/1980	22:09	9	9.5	10.1	220			FS	9
1980	1833	88	5	10/29/1980	22:23	3.6	10	10	225			FS	9
1980	1834	89	5	10/29/1980	22:37	10.5	10	10.1	225			FS	9
1980	1835	88	5	10/29/1980	22:46	9	10	10	225			FS	9
1980	1836	88	5	10/29/1980	22:55	16.5	10.5	10	225			FS	9
1980	1837	87	5	10/29/1980	23:04	15.6	10.5	10	225			FS	9
1980	1838	87	5	10/29/1980	23:12	18.3	10.5	9.8	225			FS	9
1980	1839	84	5	10/29/1980	23:30	9	10	9.4	225			FS	9
1980	1840	84	5	10/29/1980	23:41	4.8	10.5	10	220			FS	9
1980	1841	83	5	10/29/1980	23:50	5.4	10	9.7	220			FS	9
1980	1843	83	5	10/30/1980	0:19	9	10	9.8	225			FS	9
1980	1844	81	5	10/30/1980	0:37	12	10.5	11	220			FS	9
1980	1845	81	5	10/30/1980	0:44	13.5	10.5	10.7	220			FS	9
1980	1846	80	5	10/30/1980	0:54	12	10.5	10.9	220			FS	9
1980	1847	80	5	10/30/1980	1:10	15	10.5	11	225			FS	9
1980	1848	80	5	10/30/1980	1:20	17.4	10	10.7	220			FS	9
1980	1849	80	5	10/30/1980	1:30	18	10.5	11.2	220			FS	9
1980	1850	75	5	10/30/1980	1:58	15	11	10	220			FS	9
1980	1851	74	5	10/30/1980	2:08	13.5	11	9.9	220			FS	9
1980	1852	73	5	10/30/1980	2:22	9	11	9.7	220			FS	9
1980	1853	71	5	10/30/1980	2:40	13.5	11	9.4	225			FS	9
1980	1854	71	5	10/30/1980	2:47	15	12	9.5	220			FS	9

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1855	67	5	10/30/1980	3:07	12	12	9.5	240			FS	9
1980	1856	67	5	10/30/1980	3:19	4.5	12	9.2	235			FS	9
1980	1857	64	5	10/30/1980	3:50	5.1	12	9.4	305			FS	9
1980	1858	63	5	10/30/1980	4:02	3.6	12	9.4	460			FS	9
1980	1859	63	5	10/30/1980	4:12	12	12.5	9.6	445			FS	9
1980	1860	60	5	10/30/1980	4:38	8.7	12	9.4	1200			FS	9
1980	1861	60	5	10/30/1980	4:50	9	12	9.9	905			FS	9
1980	1862	59	5	10/30/1980	18:00	3.6	12	10.8	1350			FS	9
1980	1863	59	5	10/30/1980	18:11	0	18		1300			FS	9
1980	1864	58	5	10/30/1980	18:31	8.4	12	10.5	1600			FS	9
1980	1865	59	6	10/30/1980	18:48	4.5	12.5	10.5	1750			FS	9
1980	1866	57	6	10/30/1980	18:57	3.3	12	10.9	1550			FS	9
1980	1867	58	5	10/30/1980	19:07	9	13	10.7	2200			FS	9
1980	1868	57	5	10/30/1980	19:20	8.7	12.5	10.6	2150			FS	9
1980	1869	56	6	10/30/1980	19:29	5.4	12	10.5	2000			FS	9
1980	1870	56	6	10/30/1980	19:38	3.3	12	11.1	1950			FS	9
1980	1871	56	6	10/30/1980	19:48	4.5	12	11.1	1850			FS	9
1980	1872	57	6	10/30/1980	19:58	5.1	12.5	11.1	2000			FS	9
1980	1873	56	5	10/30/1980	20:10	0	12		2400			FS	9
1980	1874	55	5	10/30/1980	20:20	0	16		2000			FS	9
1980	1875	55	5	10/30/1980	20:30	0	17		2400			FS	9
1980	1876	55	5	10/30/1980	20:43	0	16		1600			FS	9
1980	1877	55	5	10/30/1980	20:54	15.6	13	10.5	2450			FS	9
1980	1878	53	5	10/30/1980	21:04	12	13	10.7	3050			FS	9
1980	1880	52	5	10/30/1980	21:37	18	12	11.1	3000			FS	9
1980	1881	50	5	10/30/1980	21:55	19.8	13	10.1	3800			FS	9
1980	1882	48	5	10/30/1980	22:10	24.6	12.5	10.2	4200			FS	9
1980	1883	43	6	10/30/1980	22:48	6	12	10	5400			FS	9
1980	1884	43	5	10/30/1980	22:59	16.2	12.5	10.2	6400			FS	9
1980	1885	42	5	10/30/1980	23:08	16.8	13	11	6250			FS	9
1980	1886	42	5	10/30/1980	23:20	4.8	12	11.3	6750			FS	9
1980	1887	42	4	10/30/1980	23:31	4.5	12.5	10.7	7300			FS	9
1980	1888	42	4	10/30/1980	23:40	5.7	12.5	10.9	7050			FS	9
1980	1889	42	4	10/30/1980	23:51	0	17		7050			FS	9
1980	1890	113	5	11/11/1980	2:37	7.2	5.5	11	200			FS	10
1980	1891	113	5	11/11/1980	2:56	6.9	5	11.1	200			FS	10
1980	1892	112	5	11/11/1980	3:16	6	5	11.2	190			FS	10
1980	1893	111	5	11/11/1980	3:34	3.6	5	11.8	195			FS	10
1980	1894	30	5	11/12/1980	18:31	0	7		8100			FS	10
1980	1895	30	5	11/12/1980	18:50	3.6	7	11.5	7800			FS	10
1980	1896	28	5	11/12/1980	19:04	0	7		8100			FS	10
1980	1897	27	4	11/12/1980	19:30	4.5	7	10.6	19500			FS	10
1980	1898	27	4	11/12/1980	19:52	3.6	6.5	11	10000			FS	10
1980	1899	26	4	11/12/1980	20:10	2.7	6.5	11.2	10500			FS	10
1980	1900	27	6	11/12/1980	20:20	3	6.5	11.4	11000			FS	10
1980	1901	26	4	11/12/1980	20:40	3.9	6.5	11.1	10500			FS	10
1980	1902	26	4	11/12/1980	20:57	3.6	6.5	11.3	12000			FS	10
1980	1903	25	4	11/12/1980	21:14	4.8	6.5	11.5	11500			FS	10
1980	1904	24	4	11/12/1980	21:33	4.8	6.5	11.5	12000			FS	10
1980	1905	25	5	11/12/1980	21:47	0	6.5		10000			FS	10
1980	1906	25	5	11/12/1980	22:08	3.6	6.5	12	10000			FS	10
1980	1907	26	5	11/12/1980	22:22	3.6	6.5	12.1	10000			FS	10
1980	1908	26	5	11/12/1980	22:35	5.4	7	12.2	10500			FS	10
1980	1909	28	4	11/12/1980	23:17	2.7	6.5	12.3	10000			FS	10
1980	1910	27	4	11/12/1980	23:34	3	6.5	12.4	10500			FS	10
1980	1911	28	4	11/12/1980	23:50	4.5	7	12.4	9400			FS	10
1980	1912	28	4	11/13/1980	0:02	0	7		9400			FS	10
1980	1913	29	4	11/13/1980	0:13	0	7		9500			FS	10
1980	1914	29	4	11/13/1980	0:23	3.3	7	12.5	9600			FS	10

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YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1980	1915	29	4	11/13/1980	0:32	3.9	6.5	12.3	9600			FS	10
1980	1916	29	4	11/13/1980	0:42	3.3	6.5	12.4	10000			FS	10
1980	1917	29	4	11/13/1980	0:53	3	7	12.3	10000			FS	10
1980	1918	29	4	11/13/1980	1:06	3	6.5	12.5	10000			FS	10
1980	1919	29	5	11/13/1980	17:40	11.1	9	9.3	19500			FS	10
1980	1920	29	6	11/13/1980	17:52	2.7	8	10.3	12000			FS	10
1980	1921	29	4	11/13/1980	18:11	3.3	7.5	11.9	10000			FS	10
1980	1922	30	4	11/13/1980	18:26	3	7.5	11.9	10500			FS	10
1980	1923	30	4	11/13/1980	19:03	3.3	7.5	9.8	10000			FS	10
1980	1924	30	4	11/13/1980	19:13	5.4	7.5	10.2	9600			FS	10
1980	1925	30	4	11/13/1980	19:21	4.5	7.5	10	9350			FS	10
1980	1926	30	4	11/13/1980	19:31	5.7	7.5	10.2	11000			FS	10
1980	1927	31	4	11/13/1980	19:44	3.6	7.5	10.2	9700			FS	10
1980	1928	31	5	11/13/1980	19:53	6.6	7.5	9.8	12000			FS	10
1980	1929	31	5	11/13/1980	20:03	10.8	7.5	9.2	15500			FS	10
1980	1930	32	5	11/13/1980	20:14	8.1	8	9.8	12000			FS	10
1980	1931	31	4	11/13/1980	20:29	3.3	10.3	7.7	9000			FS	10
1980	1932	31	4	11/13/1980	20:40	5.7	8	10	11500			FS	10
1980	1933	32	4	11/13/1980	21:27	4.5	8	10.1	9250			FS	10
1980	1934	33	5	11/13/1980	21:43	8.4	8	10.3	9000			FS	10
1980	1935	33	5	11/13/1980	21:58	11.4	8	9.7	12000			FS	10
1980	1936	32	5	11/13/1980	22:14	11.4	8	9.6	12500			FS	10
1980	1937	34	5	11/13/1980	22:30	9.9	8	10.2	10000			FS	10
1980	1938	34	5	11/13/1980	22:43	9	8	10.5	8200			FS	10
1980	1939	34	5	11/13/1980	22:57	9.9	8	10.3	7650			FS	10
1980	1940	35	5	11/13/1980	23:13	9.9	8.5	10.3	7750			FS	10
1980	1941	34	5	11/13/1980	23:24	10.2	8	9.9	7600			FS	10
1980	1942	34	6	11/13/1980	23:37	3.3	8	10.3	7400			FS	10
1980	1943	34	6	11/13/1980	23:50	3.3	8	10	7200			FS	10
1980	1944	35	6	11/14/1980	0:01	2.7	8	10.3	7000			FS	10
1980	1945	112	5	11/25/1980	19:15	3.6	4	12.3	225			FS	11
1980	1946	112	5	11/25/1980	19:24	5.4	3.5	13	200			FS	11
1980	1947	111	5	11/25/1980	19:36	0	3.5		215			FS	11
1980	1948	111	5	11/25/1980	19:48	11.7	3.5	12.7	200			FS	11
1980	1949	109	5	11/25/1980	20:02	10.5	3.5	13	200			FS	11
1980	1950	109	5	11/25/1980	20:12	10.2	3.5	13	195			FS	11
1980	1951	108	5	11/25/1980	20:22	10.2	5	13.1	215			FS	11
1980	1952	109	5	11/25/1980	20:33	3.6	3	13.2	200			FS	11
1980	1953	108	5	11/25/1980	20:48	0	3.5		200			FS	11
1980	1954	108	5	11/25/1980	21:07	8.7	3.5	13.1	200			FS	11
1980	1955	107	5	11/25/1980	21:17	10.8	4	12.6	200			FS	11
1980	1956	107	5	11/25/1980	21:32	7.8	3.5	12.5	200			FS	11
1980	1957	106	5	11/25/1980	22:07	6.6	3.5	12.7	205			FS	11
1980	1958	106	5	11/25/1980	22:16	11.1	3.5	12.1	200			FS	11
1980	1961	106	5	11/25/1980	23:07	7.2	3.5	12.4	200			FS	11
1980	1962	105	5	11/25/1980	23:22	3.6	3.5	12.2	200			FS	11
1980	1963	105	5	11/25/1980	23:34	14.1	3.5	12.7	200			FS	11
1980	1964	105	5	11/25/1980	23:43	14.1	3.5	12.5	205			FS	11
1980	1965	105	5	11/25/1980	23:50	9	3.5	12.6	200			FS	11
1980	1966	102	5	11/26/1980	0:26	9	3.5	12.1	200			FS	11
1980	1967	101	5	11/26/1980	0:40	0	3		215			FS	11
1980	1968	98	5	11/26/1980	1:02	0	3		240			FS	11
1980	1969	98	5	11/26/1980	1:10	0	3		215			FS	11
1980	1970	97	5	11/26/1980	1:22	0	3		205			FS	11
1980	1971	43	5	11/10/1980	17:50	0	11.5		4600			FS	10
1980	1972	43	5	11/10/1980	18:01	0	11.5		4600			FS	10
1980	1973	43	5	11/10/1980	18:14	0	11.5		4050			FS	10
1980	1974	43	6	11/10/1980	18:25	0	11		5350			FS	10
1980	1975	43	6	11/10/1980	18:40	0	11		5150			FS	10

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1980	1976	42	5	11/10/1980	18:50	0	11		4850			FS	10
1980	1977	42	4	11/10/1980	19:06	0	11		6100			FS	10
1980	1979	40	6	11/10/1980	19:35	0	10.5		4650			FS	10
1980	1981	14	4	11/12/1980	18:10	0	9		22000			FS	10
1980	1982	15	4	11/12/1980	18:30	0	8.5		18500			FS	10
1980	1983	16	4	11/12/1980	18:55	0	8.5		18500			FS	10
1980	1984	16	5	11/12/1980	19:13	0	8.5		17000			FS	10
1980	1985	17	5	11/12/1980	19:26	0	8.5		16000			FS	10
1980	1986	17	4	11/12/1980	19:40	0	8.5		17500			FS	10
1980	1987	19	5	11/12/1980	20:10	0	8.5		14000			FS	10
1980	1988	20	5	11/12/1980	20:23	0	8.5		14500			FS	10
1980	1989	21	5	11/12/1980	20:46	0	8		13000			FS	10
1980	1990	22	4	11/12/1980	21:00	0	8		12500			FS	10
1980	1991	22	4	11/12/1980	21:19	0	8		12500			FS	10
1980	1993	22	4	11/12/1980	21:46	0	8		13000			FS	10
1980	1994	25	6	11/12/1980	22:17	0	8		11000			FS	10
1980	1995	27	5	11/12/1980	22:42	0	8		9200			FS	10
1980	1996	28	5	11/12/1980	22:57	0	8		8650			FS	10
1980	1997	44	5	11/13/1980	17:13	21	9.5	10.1	6550			FS	10
1980	1998	44	5	11/13/1980	17:22	24	9.5	10.2	6150			FS	10
1980	1999	44	5	11/13/1980	17:52	22.5	9	10.1	6200			FS	10
1980	2000	39	4	11/13/1980	18:25	3	9	10	7200			FS	10
1980	2001	39	5	11/13/1980	18:48	9	8.5	10.3	7200			FS	10
1980	2002	39	6	11/13/1980	19:00	3	9	10.1	6850			FS	10
1980	2003	38	5	11/13/1980	19:15	12	8.5	10.5	8000			FS	10
1980	2004	38	5	11/13/1980	19:25	12	8.5	9.8	7800			FS	10
1980	2005	37	5	11/13/1980	19:43	7.5	9	9.7	7600			FS	10
1980	2006	36	4	11/13/1980	19:53	3	10	9.3	6550			FS	10
1980	2007	36	5	11/13/1980	20:05	7.2	9	10.1	6550			FS	10
1980	2008	36	5	11/13/1980	20:17	12	8.5	9.7	8850			FS	10
1980	2009	35	5	11/13/1980	20:40	0	9.5		6250			FS	10
1980	2010	35	5	11/13/1980	21:00	10.8	8.5	9.8	6850			FS	10
1980	2011	35	6	11/13/1980	21:25	2.4	8.5	10.1	6800			FS	10
1980	2012	35	6	11/13/1980	21:39	2.4	8.5	10.1	6900			FS	10
1980	2013	36	6	11/13/1980	21:48	2.4	8.5	10.2	6950			FS	10
1980	2014	36	6	11/13/1980	22:05	2.4	8.5	10.2	7050			FS	10
1980	2015	36	6	11/13/1980	22:15	3	8.5	10	7000			FS	10
1980	2016	36	6	11/13/1980	22:30	3	8.5	10	7050			FS	10
1980	2017	37	6	11/13/1980	22:44	3	9	10	6800			FS	10
1980	2018	37	6	11/13/1980	22:55	3	9	10	6800			FS	10
1980	2019	37	6	11/13/1980	23:10	3	9	9.9	6400			FS	10
1980	2020	38	6	11/13/1980	23:21	3	9.5	9.8	5650			FS	10
1980	2021	38	6	11/13/1980	23:35	4.5	9.5	9.8	5400			FS	10
1980	2022	38	6	11/13/1980	23:50	4.5	9.5	9.8	5800			FS	10
1980	2023	97	5	11/26/1980	1:33	0	3		245			FS	11
1980	2024	96	5	11/26/1980	1:48	0	3		230			FS	11
1980	2025	95	5	11/26/1980	1:56	0	3		250			FS	11
1980	2026	95	5	11/26/1980	2:16	0	3		215			FS	11
1980	2027	94	5	11/26/1980	2:29	0	3		220			FS	11
1980	2028	94	5	11/26/1980	2:37	0	3.5		215			FS	11
1980	2029	92	5	11/26/1980	2:54	0	3.5		295			FS	11
1980	2030	93	5	11/26/1980	3:17	0	3		260			FS	11
1980	2031	93	5	11/26/1980	20:26	0	3.5		215			FS	11
1980	2032	93	5	11/26/1980	20:37	0	3.5		220			FS	11
1980	2033	93	5	11/26/1980	20:47	0	3.5		220			FS	11
1980	2034	91	5	11/26/1980	21:06	0	3.5		215			FS	11
1980	2035	91	5	11/26/1980	21:14	0	3.5		210			FS	11
1980	2036	90	5	11/26/1980	21:37	0	3.5		215			FS	11
1980	2037	89	5	11/26/1980	21:46	0	3.5		210			FS	11

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1980	2038	89	5	11/26/1980	21:58	0	3.5		220			FS	11
1980	2039	90	5	11/26/1980	22:11	0	3.5		215			FS	11
1980	2040	87	5	11/26/1980	22:30	0	3.5		220			FS	11
1980	2041	87	5	11/26/1980	22:42	0	3.5		225			FS	11
1980	2042	86	5	11/26/1980	22:55	0	3.5		225			FS	11
1980	2043	133	5	12/8/1980	20:20	0	1.5		215			FS	12
1980	2044	132	5	12/8/1980	20:26	0	1.5		215			FS	12
1980	2045	128	5	12/8/1980	20:52	0	1		220			FS	12
1980	2046	127	5	12/8/1980	21:12	0	1.5		220			FS	12
1980	2047	126	5	12/8/1980	21:25	0	1.5		220			FS	12
1980	2048	125	5	12/8/1980	20:49	0	1.5		215			FS	12
1980	2049	125	5	12/8/1980	20:58	0	2		215			FS	12
1980	2050	125	5	12/8/1980	22:11	0	1.5		220			FS	12
1980	2051	120	5	12/8/1980	22:47	0	2		215			FS	12
1980	2052	119	5	12/8/1980	23:07	0	1.5		215			FS	12
1980	2053	118	5	12/8/1980	23:24	0	2		205			FS	12
1980	2054	118	5	12/8/1980	23:32	0	1.5		210			FS	12
1980	2055	117	5	12/8/1980	23:45	0	2		210			FS	12
1980	2056	116	5	12/8/1980	23:54	0	1		215			FS	12
1980	2057	115	5	12/9/1980	0:08	0	1.5		215			FS	12
1980	2058	115	5	12/9/1980	0:17	0	1.5		215			FS	12
1980	2059	39	5	12/10/1980	20:25	0	5		3400			FS	12
1980	2060	38	5	12/10/1980	20:37	0	4.5		3550			FS	12
1980	2061	30	6	12/10/1980	20:45	0	5		4150			FS	12
1980	2062	38	6	12/10/1980	20:55	0	5		4200			FS	12
1980	2063	38	6	12/10/1980	21:05	0	5		4600			FS	12
1980	2064	38	6	12/10/1980	21:16	0	4.5		5000			FS	12
1980	2065	37	6	12/10/1980	21:26	0	5		4950			FS	12
1980	2066	37	6	12/10/1980	21:36	0	5		4550			FS	12
1980	2067	37	6	12/10/1980	21:46	0	4.5		4650			FS	12
1980	2112	14	4	11/24/1980	17:32	0	8		22500			FS	11
1980	2113	15	4	11/24/1980	17:58	5.1	8.5	8.9	22000			FS	11
1980	2114	16	4	11/24/1980	18:32	6	8.5	7.6	19500			FS	11
1980	2115	17	5	11/24/1980	19:04	3.6	8	9.1	18000			FS	11
1980	2116	18	5	11/24/1980	19:20	5.4	7.5	9.1	17000			FS	11
1980	2117	20	5	11/24/1980	19:35	6	7.5	9.4	17000			FS	11
1980	2118	22	5	11/24/1980	19:45	6	8	9.8	14500			FS	11
1980	2119	22	5	11/24/1980	19:55	3.6	7.5	9.8	16000			FS	11
1980	2120	22	4	11/24/1980	20:06	5.7	8	9.9	15500			FS	11
1980	2121	22	4	11/24/1980	20:16	5.7	8	9.6	15500			FS	11
1980	2122	22	4	11/24/1980	20:32	5.7	8	10	16000			FS	11
1980	2123	23	4	11/24/1980	20:52	5.1	7.5	10	15000			FS	11
1980	2124	24	5	11/24/1980	21:23	11.1	7	9.7	18000			FS	11
1980	2125	25	4	11/24/1980	21:34	5.4	7.5	10.3	14500			FS	11
1980	2126	25	5	11/24/1980	21:51	0	8		12500			FS	11
1980	2127	25	5	11/24/1980	22:01	12	7.5	9.8	17000			FS	11
1980	2128	27	4	11/24/1980	22:20	5.7	7	10.2	15000			FS	11
1980	2129	27	4	11/24/1980	22:35	4.2	7	10.2	14000			FS	11
1980	2130	27	4	11/24/1980	22:51	3.9	7	10.4	14000			FS	11
1980	2131	26	6	11/24/1980	23:10	4.2	7.5	10	16000			FS	11
1980	2132	26	5	11/24/1980	23:20	0	7		13500			FS	11
1980	2133	26	6	11/24/1980	23:31	4.2	7.5	10.6	14000			FS	11
1980	2134	25	6	11/24/1980	23:41	4.2	7	10.4	16000			FS	11
1980	2135	27	5	11/24/1980	23:56	13.5	7.5	10.3	16500			FS	11
1980	2136	27	5	11/25/1980	0:08	3.6	8	10.9	12000			FS	11
1980	2137	27	4	11/25/1980	0:19	4.5	7.5	10.6	14000			FS	11
1980	2138	28	4	11/25/1980	0:31	4.2	7.5	10.6	13500			FS	11
1980	2139	29	4	11/25/1980	0:41	4.5	7.5	10.5	13500			FS	11
1980	2140	29	4	11/25/1980	0:53	0	8		14000			FS	11

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1980	2141	29	4	11/25/1980	1:13	0	7		13500			FS	11
1980	2142	45	5	11/25/1980	20:15	22.8	8	10.6	5200			FS	11
1980	2143	43	5	11/25/1980	20:30	7.8	7.5	10.4	4400			FS	11
1980	2144	43	6	11/25/1980	20:43	4.5	10.2	7.9	4750			FS	11
1980	2145	42	4	11/25/1980	21:01	3.6	7.5	10.7	5800			FS	11
1980	2146	42	4	11/25/1980	21:31	4.2	8	10.2	5450			FS	11
1980	2147	42	5	11/25/1980	21:45	6.9	8	10.6	5600			FS	11
1980	2148	42	5	11/25/1980	21:57	11.4	8	10.6	5000			FS	11
1980	2149	42	5	11/25/1980	22:13	18	8	10.7	4600			FS	11
1980	2150	42	5	11/25/1980	22:25	0	8		4850			FS	11
1980	2151	42	5	11/25/1980	22:35	0	8		4650			FS	11
1980	2152	40	5	11/25/1980	22:54	14.4	8	10.5	5800			FS	11
1980	2153	40	4	11/25/1980	23:06	4.5	8	10.6	5550			FS	11
1980	2154	39	6	11/25/1980	23:23	4.5	8	10.5	6500			FS	11
1980	2155	39	6	11/25/1980	23:33	3	8	10.5	6650			FS	11
1980	2156	38	6	11/25/1980	23:54	3.6	6.5	11.1	7350			FS	11
1980	2157	38	6	11/26/1980	0:05	3.3	6.5	11.2	7800			FS	11
1980	2158	37	6	11/26/1980	0:15	3.6	6	10.9	8400			FS	11
1980	2159	37	6	11/26/1980	0:26	3.6	6	10.8	8400			FS	11
1980	2160	37	6	11/26/1980	0:43	3.3	6	11.1	8800			FS	11
1980	2161	37	6	11/26/1980	0:57	3.6	6	11.1	8800			FS	11
1980	2162	14	4	12/8/1980	18:04	5.7	7.5	9.6	18000			FS	12
1980	2163	14	5	12/8/1980	18:25	3.6	7	11.9	15500			FS	12
1980	2164	15	5	12/8/1980	18:40	3.6	7	11.9	14000			FS	12
1980	2165	15	5	12/8/1980	18:50	3.6	6.5	11.7	15000			FS	12
1980	2166	15	4	12/8/1980	19:00	0	6		14000			FS	12
1980	2167	15	4	12/8/1980	19:24	5.7	6.5	10.8	16500			FS	12
1980	2168	20	5	12/8/1980	20:05	0	7		12000			FS	12
1980	2169	21	4	12/8/1980	20:20	5.7	7		10500			FS	12
1980	2170	22	5	12/8/1980	20:45	5.7	6.5	12.2	12000			FS	12
1980	2171	22	4	12/8/1980	21:00	6	7	10.5	12000			FS	12
1980	2172	22	4	12/8/1980	21:18	5.4	7	10.4	14000			FS	12
1980	2173	23	4	12/8/1980	21:47	5.7	7.5	8.4	12000			FS	12
1980	2174	24	5	12/8/1980	22:05	3.6	7.5	9.7	11500			FS	12
1980	2175	25	5	12/8/1980	22:15	3.6	7	10.6	11500			FS	12
1980	2176	25	5	12/8/1980	22:25	15	5.5	12.9	16500			FS	12
1980	2177	24	4	12/8/1980	22:35	6	5.5	11.4	14500			FS	12
1980	2178	25	4	12/8/1980	22:50	0	7		11000			FS	12
1980	2179	25	4	12/9/1980	17:20	5.7	7	11.6	9350			FS	12
1980	2180	25	4	12/9/1980	17:30	6	6.5	12.9	9400			FS	12
1980	2181	26	4	12/9/1980	17:45	0	6.5		9150			FS	12
1980	2182	26	4	12/9/1980	18:04	4.8	5	11.6	9000			FS	12
1980	2183	26	4	12/9/1980	18:15	3	5	12.2	9000			FS	12
1980	2184	27	4	12/9/1980	18:30	3	6	11.5	8800			FS	12
1980	2185	27	5	12/9/1980	18:50	12	5	11.7	10000			FS	12
1980	2186	27	4	12/9/1980	19:03	3.3	6	12.2	8750			FS	12
1980	2187	27	4	12/9/1980	19:15	2.7	6	12.4	8500			FS	12
1980	2188	28	5	12/9/1980	19:30	0	5.5		7900			FS	12
1980	2189	28	4	12/9/1980	19:47	3.9	5.5	11.4	8400			FS	12
1980	2190	28	4	12/9/1980	20:01	4.2	6	12.2	8400			FS	12
1980	2191	28	4	12/9/1980	20:20	3	5	12.4	8350			FS	12
1980	2192	29	4	12/9/1980	20:40	5.1	6	11.3	7800			FS	12
1980	2193	29	4	12/9/1980	21:07	4.8	6	11.3	7150			FS	12
1980	2194	29	4	12/9/1980	21:46	3.9	5	11.9	8050			FS	12
1980	2195	29	4	12/9/1980	22:05	4.2	5	12.7	8500			FS	12
1980	2196	29	4	12/9/1980	22:22	4.5	5	11.6	8500			FS	12
1980	2197	29	5	12/10/1980	17:45	3.6	6	13.6	7200			FS	12
1980	2198	29	5	12/10/1980	17:55	7.5	5	12.6	9000			FS	12
1980	2199	29	4	12/10/1980	18:05	4.5	6	12.2	8400			FS	12

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1980	2200	29	6	12/10/1980	18:24	4.5	6	13.4	7600			FS	12
1980	2201	30	4	12/10/1980	18:43	5.1	6	11.7	7850			FS	12
1980	2202	30	4	12/10/1980	18:58	3.3	6	12.9	7800			FS	12
1980	2203	30	4	12/10/1980	19:10	3	6.5	15	7400			FS	12
1980	2204	30	4	12/10/1980	19:27	3	6	14.8	7200			FS	12
1980	2205	30	4	12/10/1980	19:38	3	6	13.6	7050			FS	12
1980	2206	30	5	12/10/1980	19:54	3.9	5	13.5	7550			FS	12
1980	2207	30	5	12/10/1980	20:05	12	5	13.8	8400			FS	12
1980	2208	30	6	12/10/1980	20:17	3.3	5.5	12.6	6450			FS	12
1980	2209	31	6	12/10/1980	20:23	3.3	5	13.3	6600			FS	12
1980	2210	31	6	12/10/1980	20:33	3	6	12.1	6400			FS	12
1980	2211	31	6	12/10/1980	20:40	3	5	14.8	6300			FS	12
1980	2212	32	6	12/10/1980	20:50	3	5	13.7	6000			FS	12
1980	2213	31	5	12/10/1980	21:05	0	5.5		5800			FS	12
1980	2214	32	5	12/10/1980	21:20	3.6	6.5	12.1	5450			FS	12
1980	2215	32	5	12/10/1980	21:31	9	6	14.9	5850			FS	12
1980	2216	32	5	12/10/1980	21:43	9	6	14.5	5650			FS	12
1980	2217	32	5	12/10/1980	21:50	0	5.5		5250			FS	12
1980	2218	32	5	12/10/1980	22:02	3.6	5.5	10.4	5200			FS	12
1980	2219	33	5	12/10/1980	22:21	3.6	6	12.4	5950			FS	12
1980	2220	34	5	12/10/1980	22:33	3.6	4.5	12.8	5150			FS	12
1980	2222	35	5	12/10/1980	22:59	11.4	5	12.2	5200			FS	12
1981	2072	139	5	8/10/1981	22:00	11.1	26	6.5	220			FS	11
1981	2073	139	5	8/10/1981	22:30	12	25.5	10.6	220			FS	11
1981	2074	136	5	8/10/1981	22:57	10.8	25.8	9.6	220			FS	11
1981	2075	134	5	8/10/1981	23:14	11.7	26	9.4	230			FS	11
1981	2076	130	5	8/10/1981	23:53	12	26	9.7	220			FS	11
1981	2077	128	5	8/11/1981	0:48	11.1	25.8	7.5	220			FS	11
1981	2078	126	5	8/11/1981	1:08	12.6	25.9	7.5	220			FS	11
1981	2079	125	5	8/11/1981	1:22	12	26	7.8	220			FS	11
1981	2080	123	5	8/11/1981	1:43	13.5	25.8	7.8	220			FS	11
1981	2081	122	5	8/11/1981	1:56	11.7	25.4	7.8	220			FS	11
1981	2082	119	5	8/11/1981	2:26	4.8	25.2	7.7	220			FS	11
1981	2083	118	5	8/11/1981	2:43	12.3	24.8	7.6	210			FS	11
1981	2084	117	5	8/11/1981	2:54	12.3	25.6	7.6	210			FS	11
1981	2085	117	5	8/11/1981	3:05	1.2	25.3	7.6	210			FS	11
1981	2086	116	5	8/11/1981	3:21	12	25.3	7.4	210			FS	11
1981	2087	116	5	8/11/1981	3:31	13.8	25.5	7.1	210			FS	11
1981	2088	113	5	8/11/1981	3:49	13.2	25.3	7.5	210			FS	11
1981	2089	113	5	8/11/1981	4:00	5.4	25.2	7.7	210			FS	11
1981	2090	112	5	8/11/1981	4:13	14.1	25.1	7.5	210			FS	11
1981	2091	112	5	8/11/1981	4:25	14.1	25.6	7.6	210			FS	11
1981	2092	111	5	8/11/1981	4:39	9	25	7.5	210			FS	11
1981	2093	109	5	8/11/1981	4:56	12.9	25.9	7.6	210			FS	11
1981	2094	109	5	8/11/1981	5:10	2.4	25	7.4	210			FS	11
1981	2095	109	5	8/11/1981	5:22	0.9			210			FS	11
1981	2096	108	5	8/11/1981	5:35	4.5	25		210			FS	11
1981	2097	108	5	8/11/1981	5:44	7.5			210			FS	11
1981	2098	108	5	8/11/1981	5:54	8.1			210			FS	11
1981	2099	110	5	8/11/1981	20:09	12	25.6	8	210			FS	11
1981	2100	108	5	8/11/1981	20:19	11.1						FS	11
1981	2239	106	5	8/11/1981	21:19	6						FS	11
1981	2240	108	5	8/11/1981	22:12	12	25.6	8.7	210			FS	11
1981	2241	106	5	8/11/1981	22:28	6	25.5	8.4	210			FS	11
1981	2242	106	5	8/11/1981	22:40	12	25.7	8.3	210			FS	11
1981	2243	105	5	8/11/1981	22:58	13.5	25.9	8.5	210			FS	11
1981	2244	102	5	8/11/1981	23:27	18						FS	11
1981	2245	99	5	8/11/1981	23:56	12.6	25.9	9.2	210			FS	11
1981	2246	103	5	8/12/1981	0:29	12			200			FS	11

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2247	102	5	8/12/1981	0:41	18			210			FS	11
1981	2248	100	5	8/12/1981	1:05	10.5			210			FS	11
1981	2249	99	5	8/12/1981	1:23	12						FS	11
1981	2250	98	5	8/12/1981	1:46	3.6			210			FS	11
1981	2251	97	5	8/12/1981	1:59	6			210			FS	11
1981	2252	95	5	8/12/1981	2:32	8.4			210			FS	11
1981	2253	94	5	8/12/1981	2:48	12			220			FS	11
1981	2254	94	5	8/12/1981	3:05	8.4						FS	11
1981	2255	94	5	8/12/1981	3:20	8.4			220			FS	11
1981	2256	93	5	8/12/1981	3:56	10.2			220			FS	11
1981	2257	93	5	8/12/1981	3:47	10.2			220			FS	11
1981	2258	92	5	8/12/1981	4:00	8.7			220			FS	11
1981	2259	94	5	8/12/1981	4:25	11.7			210			FS	11
1981	2260	95	5	8/12/1981	4:37	11.1			210			FS	11
1981	2261	97	5	8/12/1981	4:51	12.6			210			FS	11
1981	2262	98	5	8/12/1981	5:05	11.7			200			FS	11
1981	2263	98	5	8/12/1981	5:16	14.1			210			FS	11
1981	2264	99	5	8/12/1981	5:30	15.3			200			FS	11
1981	2265	92	5	8/12/1981	20:34	4.8	25.6	8.8	210			FS	11
1981	2266	92	5	8/12/1981	20:47	3	25.6	8.2	220			FS	11
1981	2267	91	5	8/12/1981	21:01	2.1	25.5	7.9	220			FS	11
1981	2268	91	5	8/12/1981	21:12	2.1	25.5	8	210			FS	11
1981	2269	91	5	8/12/1981	21:22	0.9	25.5	7.8	220			FS	11
1981	2270	90	5	8/12/1981	21:34	2.1	25.5	7.2	220			FS	11
1981	2271	89	5	8/12/1981	21:47	12.6						FS	11
1981	2272	89	5	8/12/1981	21:56	12.6						FS	11
1981	2273	89	5	8/12/1981	22:07	12.6	25.3	6.4	220			FS	11
1981	2274	89	5	8/12/1981	22:23	12.6	25.3	6.2	220			FS	11
1981	2275	88	5	8/12/1981	22:36	12.9	25.2	6.3	220			FS	11
1981	2276	87	5	8/12/1981	22:49	15.9						FS	11
1981	2277	87	5	8/12/1981	23:27	15						FS	11
1981	2278	87	5	8/12/1981	23:39	15	25.1	5.9	220			FS	11
1981	2279	86	5	8/12/1981	23:50	15						FS	11
1981	2280	86	5	8/13/1981	0:14	15						FS	11
1981	2281	86	5	8/13/1981	0:29	15	25.1	5.8	220			FS	11
1981	2282	86	5	8/13/1981	0:46	7.5	25	5.5	220			FS	11
1981	2283	85	5	8/13/1981	0:57	1.8	25	5.3	220			FS	11
1981	2284	83	5	8/13/1981	1:28	16.5	25.1	6.5	220			FS	11
1981	2285	83	5	8/13/1981	1:44	17.1	25.5	6.5	220			FS	11
1981	2286	82	5	8/13/1981	2:01	15.9	25	6.3	220			FS	11
1981	2287	82	5	8/13/1981	2:14	3.3	25.5	7.2	220			FS	11
1981	2288	82	5	8/13/1981	2:28	4.2	25.4	6.6	220			FS	11
1981	2289	80	5	8/13/1981	2:50	6.6						FS	11
1981	2290	80	5	8/13/1981	3:01	6.6	25.5	6.2	220			FS	11
1981	2291	80	5	8/13/1981	3:17	21	25.5	6.2	220			FS	11
1981	2292	78	5	8/13/1981	3:36	14.1	25.7	6.2	220			FS	11
1981	2293	78	5	8/13/1981	3:49	15	25.5	6.3	220			FS	11
1981	2294	76	5	8/13/1981	4:08	11.7	25.2	6.4	220			FS	11
1981	2295	74	5	8/13/1981	4:28	14.1	25.4	5.9	220			FS	11
1981	2296	74	5	8/13/1981	4:42	12.3	25	6.3	220			FS	11
1981	2297	73	5	8/13/1981	4:57	18	24.3	7.5	220			FS	11
1981	2298	65	5	8/13/1981	5:38	3.9	25.9	6.4	260			FS	11
1981	2299	64	5	8/13/1981	5:49	12	26	5.9	260			FS	11
1981	2300	62	5	8/13/1981	20:40	11.7						FS	11
1981	2301	62	5	8/13/1981	21:51	11.7						FS	11
1981	2302	62	5	8/13/1981	22:01	11.7	24.7	5.9	1200			FS	11
1981	2303	62	5	8/13/1981	22:49	4.5	26.3	6.3	1000			FS	11
1981	2304	60	5	8/13/1981	23:12	1.5	26.2	6.7	1900			FS	11
1981	2305	59	6	8/13/1981	23:29	4.5	26.3	6.6	1800			FS	11

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2306	59	6	8/13/1981	23:50	4.5						FS	11
1981	2307	59	6	8/13/1981	23:58	4.5	26.2	6.1	3900			FS	11
1981	2308	58	6	8/14/1981	0:12	4.5	26.3	6	4500			FS	11
1981	2309	58	5	8/14/1981	0:49	9.6						FS	11
1981	2310	58	5	8/14/1981	1:01	9.6	26.1	6.2	5000			FS	11
1981	2311	58	5	8/14/1981	1:32	12						FS	11
1981	2312	58	5	8/14/1981	1:40	12	26	5.9	5100			FS	11
1981	2313	58	5	8/14/1981	1:58	13.2	26	6.2	4400			FS	11
1981	2314	58	5	8/14/1981	2:25	7.8						FS	11
1981	2315	57	5	8/14/1981	2:29	11.7	26.1	6.4	4200			FS	11
1981	2316	57	5	8/14/1981	2:52	1.2	25.9	6.5	4900			FS	11
1981	2317	56	5	8/14/1981	3:05	7.5	25.7	6.5	3700			FS	11
1981	2318	56	4	8/14/1981	3:32	4.5	26.7	6.6	2200			FS	11
1981	2319	56	6	8/14/1981	3:51	4.2	26	5.8	4800			FS	11
1981	2320	55	5	8/14/1981	4:15	17.1	26	6	5400			FS	11
1981	2321	55	5	8/14/1981	4:32	18						FS	11
1981	2322	55	5	8/14/1981	4:44	19.5	26	5.6	5900			FS	11
1981	2323	51	5	8/14/1981	5:10	22.5	26.6	6.6	7900			FS	11
1981	2324	49	5	8/14/1981	5:37	19.8	26	5.6	8600			FS	11
1981	2325	47	5	8/14/1981	5:57	21	25.8	6.7	8400			FS	11
1981	2326	137	5	8/25/1981	20:29	10.5	24	6.6	315			FS	12
1981	2327	133	5	8/25/1981	20:54	11.1	23.6	8.7	270			FS	12
1981	2328	132	5	8/25/1981	21:10	11.1	23.8	6.4	280			FS	12
1981	2329	131	5	8/25/1981	21:30	11.4	23.5	6.3	215			FS	12
1981	2330	131	5	8/25/1981	21:52	10.5	23.2	6.1	245			FS	12
1981	2331	126	5	8/25/1981	22:16	11.7	22.5	7.5	265			FS	12
1981	2332	126	5	8/25/1981	22:33	11.7	22.8	6.7	335			FS	12
1981	2333	126	5	8/25/1981	22:55	11.7	22.4	6.5	320			FS	12
1981	2334	122	5	8/25/1981	23:17	12	22.2	7.3	250			FS	12
1981	2335	121	5	8/25/1981	23:36	12.3	23	6.8	315			FS	12
1981	2336	120	5	8/25/1981	23:49		22.4		355			FS	12
1981	2337	15	4	8/10/1981	20:44	4.5	24.5	4.9	29000			FS	11
1981	2338	16	4	8/11/1981	20:30	3.6	25.4		24000			FS	11
1981	2339	15	5	8/11/1981	20:52	8.1	25		27000			FS	11
1981	2340	17	4	8/11/1981	21:02	6.3	24	4.8	32000			FS	11
1981	2341	18	6	8/11/1981	21:28	4.8	24.5	6.7	29500			FS	11
1981	2342	17	4	8/11/1981	21:53	4.8	24.5	6.3	27500			FS	11
1981	2343	20	4	8/11/1981	22:10	4.8	25.5		20000			FS	11
1981	2344	21	6	8/11/1981	22:35	6	24.5	5.8	27500			FS	11
1981	2345	22	4	8/11/1981	23:04	5.4	26		18000			FS	11
1981	2346	22	4	8/11/1981	23:18	5.4	25	7.4	20500			FS	11
1981	2347	22	4	8/11/1981	23:30	5.1	25	6.3	21300			FS	11
1981	2348	23	5	8/11/1981	23:50	5.4	25	7.4	19000			FS	11
1981	2349	24	5	8/12/1981	0:04	10.5	25	7	22000			FS	11
1981	2350	25	4	8/12/1981	0:20	4.2	25	6.4	20000			FS	11
1981	2351	25	5	8/12/1981	0:40	13.5	24.5	5.5	25000			FS	11
1981	2352	25	6	8/12/1981	1:00	3.6	25.5	9.3	18500			FS	11
1981	2353	25	4	8/12/1981	1:16	4.5	25.5	8.4	15000			FS	11
1981	2354	25	4	8/12/1981	1:27	4.5	25	8.7	14000			FS	11
1981	2355	25	4	8/12/1981	1:47	2.1	25	7.9	14000			FS	11
1981	2356	26	4	8/12/1981	2:01	1.5	26	7.8	13000			FS	11
1981	2357	26	4	8/12/1981	2:17	2.4	26	7.8	13500			FS	11
1981	2358	26	5	8/12/1981	2:33	4.8	25.5	8.7	13500			FS	11
1981	2359	26	5	8/12/1981	2:46	2.4	26	9	15000			FS	11
1981	2360	27	4	8/12/1981	3:09	2.4						FS	11
1981	2361	27	4	8/12/1981	3:17	2.4	25.5	8.2	12500			FS	11
1981	2362	27	4	8/12/1981	3:33	2.7	25.5	8.6	12500			FS	11
1981	2363	28	6	8/12/1981	4:06	5.1	26	7.8	11500			FS	11
1981	2364	28	6	8/12/1981	4:16	5.1	26	8	11500			FS	11

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2365	28	6	8/12/1981	4:31	5.1	26	7.7	11000			FS	11
1981	2366	28	4	8/12/1981	4:52	3.6	26	7.6	12000			FS	11
1981	2367	28	4	8/12/1981	5:06	3	26.5		12000			FS	11
1981	2368	28	4	8/12/1981	5:21	3.3	25.5	7.6	13000			FS	11
1981	2369	28	5	8/12/1981	5:38	5.1	26	7.6	15000			FS	11
1981	2370	29	5	8/12/1981	20:24	3.9	26	8.3	13000			FS	11
1981	2372	29	5	8/12/1981	20:50	10.5	25	5.4	25000			FS	11
1981	2373	29	4	8/12/1981	21:07	6	24	6.8	20000			FS	11
1981	2374	29	4	8/12/1981	21:44	4.2	25	7.6	13000			FS	11
1981	2375	29	4	8/12/1981	21:56	3.9	25.5	8	12000			FS	11
1981	2376	30	4	8/12/1981	22:10	4.2	24	8.2	12000			FS	11
1981	2377	30	5	8/12/1981	22:31	3.9	25	7.8	14000			FS	11
1981	2378	30	5	8/12/1981	22:40	0.9	24	7.8	15000			FS	11
1981	2379	31	6	8/12/1981	22:56	3	25	8.6	11000			FS	11
1981	2380	31	6	8/12/1981	23:11	2.7	25	7.8	13000			FS	11
1981	2381	31	5	8/12/1981	23:26	11.1	25	5.8	24000			FS	11
1981	2382	31	4	8/12/1981	23:50	3.3	25	7.8	12000			FS	11
1981	2383	31	5	8/13/1981	0:10	6.6	26	7.2	14000			FS	11
1981	2384	32	4	8/13/1981	0:30	3.3	25.5	7	13000			FS	11
1981	2385	31	5	8/13/1981	0:51	7.2	24.6		17000			FS	11
1981	2386	81	5	8/13/1981	1:16	1.5	26.1		12000			FS	11
1981	2387	31	6	8/13/1981	1:35	2.4	25.4		12000			FS	11
1981	2388	31	6	8/13/1981	1:52	3	26.2		12000			FS	11
1981	2389	32	6	8/13/1981	2:05	2.7	25.2		14000			FS	11
1981	2390	32	6	8/13/1981	2:14	2.4	26.2		12000			FS	11
1981	2391	33	6	8/13/1981	2:22	1.8	25.5		12000			FS	11
1981	2392	33	6	8/13/1981	2:32	1.8	25.5		10000			FS	11
1981	2393	35	5	8/13/1981	2:47	5.4	25.3		12000			FS	11
1981	2394	33	4	8/13/1981	3:15	4.2	25.5		12000			FS	11
1981	2395	33	5	8/13/1981	3:28	7.5	25		14000			FS	11
1981	2396	33	6	8/13/1981	3:52	2.7	25		10000			FS	11
1981	2397	35	5	8/13/1981	4:10	3.6	25.4		10000			FS	11
1981	2398	35	5	8/13/1981	4:25	10.5	25.5		10000			FS	11
1981	2399	35	5	8/13/1981	4:44	4.8	25.2		10000			FS	11
1981	2400	35	5	8/13/1981	5:01	12	25.8		14000			FS	11
1981	2401	36	5	8/13/1981	5:21	9	25.7		12000			FS	11
1981	2402	36	5	8/13/1981	5:35	9	25.2					FS	11
1981	2403	34	6	8/13/1981	20:13	3.3	26	6.4	11000			FS	11
1981	2404	35	6	8/13/1981	20:25	3	26	5.9	11000			FS	11
1981	2405	36	6	8/13/1981	20:40	2.4	26	7.4	11000			FS	11
1981	2406	36	6	8/13/1981	20:50	2.4	23	8.8	10000			FS	11
1981	2407	36	6	8/13/1981	21:04	2.1	26	6.6	11000			FS	11
1981	2408	36	6	8/13/1981	21:17	2.4	26	6.8	11000			FS	11
1981	2409	36	6	8/13/1981	21:30	2.7	26	7	11000			FS	11
1981	2410	36	6	8/13/1981	21:45	2.7	26	6.8	11000			FS	11
1981	2411	36	6	8/13/1981	21:56	3	26	6.2	12000			FS	11
1981	2412	37	6	8/13/1981	22:13	3	26	6.8	11000			FS	11
1981	2413	37	6	8/13/1981	22:26	3	26	7.1	11000			FS	11
1981	2414	37	6	8/13/1981	22:37	3	26	5.8	12000			FS	11
1981	2415	37	6	8/13/1981	22:54	3.6	26	6.8	12000			FS	11
1981	2416	37	6	8/13/1981	23:14	3	26	5.5	11000			FS	11
1981	2417	38	6	8/13/1981	23:25	3.3	26	5.8	11000			FS	11
1981	2418	38	6	8/13/1981	23:36	3	26	5.5	11000			FS	11
1981	2419	37	5	8/13/1981	23:54	7.5	26	5.1	14000			FS	11
1981	2420	37	5	8/14/1981	0:05	7.8	26	5.4	12000			FS	11
1981	2421	37	5	8/14/1981	0:17	3.6	26	5	12000			FS	11
1981	2422	37	5	8/14/1981	0:35	7.8	26	6.8	11000			FS	11
1981	2423	39	6	8/14/1981	1:02	2.7	26	6.9	11000			FS	11
1981	2424	39	6	8/14/1981	1:14	2.7	26	7.8	11000			FS	11

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2425	38	5	8/14/1981	1:29	10.5						FS	11
1981	2426	38	5	8/14/1981	1:40	10.5			10000			FS	11
1981	2427	38	5	8/14/1981	2:49	0.3	26					FS	11
1981	2428	49	5	8/14/1981	3:21	0.3			10000			FS	11
1981	2429	41	5	8/14/1981	3:37	0.3			10000			FS	11
1981	2430	41	5	8/14/1981	3:53	0.3			10000			FS	11
1981	2431	42	5	8/14/1981	4:20	0.3			9100			FS	11
1981	2432	42	5	8/14/1981	4:45	0.3			9200			FS	11
1981	2433	42	4	8/14/1981	5:00	0.3			12000			FS	11
1981	2434	42	4	8/14/1981	5:22	0.3			11000			FS	11
1981	2435	120	5	8/26/1981	0:15	12.6	22.8	13.2	270			FS	12
1981	2436	120	5	8/26/1981	0:30	12.6	23	12.4	265			FS	12
1981	2437	120	5	8/26/1981	0:41	12	22.9	12.4	360			FS	12
1981	2438	119	5	8/26/1981	0:53		22.7		305			FS	12
1981	2439	119	5	8/26/1981	1:05	1.2	22.6	12.8	250			FS	12
1981	2440	117	5	8/26/1981	1:20		22.7		730			FS	12
1981	2441	117	5	8/25/1981	1:34	4.2	22.8	12.4	300			FS	12
1981	2442	117	5	8/26/1981	1:56	4.5	22	12.4	330			FS	12
1981	2443	117	5	8/26/1981	2:10	14.7	22	11.8	340			FS	12
1981	2444	116	5	8/26/1981	2:24	13.5	22.4	12	490			FS	12
1981	2445	115	5	8/26/1981	2:37	10.8	22.1	11.8	260			FS	12
1981	2446	115	5	8/26/1981	2:53	14.1	22	11.6	255			FS	12
1981	2447	114	5	8/26/1981	3:09	3.9	22.2	11.9	245			FS	12
1981	2448	113	5	8/26/1981	3:23	16.8	22	12.4	280			FS	12
1981	2449	112	5	8/26/1981	3:45	6.3	22	12.6	585			FS	12
1981	2450	58	5	8/14/1981	20:40	8.4	26.5	5.6	3600			FS	11
1981	2451	52	5	8/14/1981	21:26	9	27	6.4	4100			FS	11
1981	2452	52	5	8/14/1981	21:38	18.3	26.5	6.4	4450			FS	11
1981	2453	52	5	8/14/1981	21:53	12.6	26	6.4	4300			FS	11
1981	2454	46	4	8/14/1981	22:32	4.8	26.5	6	7390			FS	11
1981	2455	45	5	8/14/1981	22:43	23.7	27	5.9	9500			FS	11
1981	2456	44	5	8/14/1981	23:00	14.1	26.5	6	12000			FS	11
1981	2457	43	6	8/14/1981	23:19	5.4	26.5	6	9900			FS	11
1981	2458	43	5	8/14/1981	23:34	24.6	27	6.2	12000			FS	11
1981	2459	112	5	8/26/1981	4:00	15.6	22.1	13.2	260			FS	12
1981	2460	111	5	8/26/1981	4:15		21.8		230			FS	12
1981	2461	109	5	8/26/1981	4:35	15	21.8	7.9	245			FS	12
1981	2462	106	5	8/26/1981	5:02	13.5	22	7.8	235			FS	12
1981	2463	104	5	8/26/1981	5:24	2.7	21.8	8	235			FS	12
1981	2464	103	5	8/26/1981	5:37		21.6		350			FS	12
1981	2465	103	5	8/26/1981	6:00	12	21.4	8.4	220			FS	12
1981	2466	103	5	8/26/1981	21:15	12.6	23.8	11.6	225			FS	12
1981	2467	102	5	8/26/1981	21:40	13.5	23.8	11.6	225			FS	12
1981	2468	102	5	8/26/1981	21:55	18	23.9	11.2	220			FS	12
1981	2469	102	5	8/26/1981	22:14	7.8	23.5	11	220			FS	12
1981	2470	102	5	8/26/1981	22:27	9	23.8	11.6	230			FS	12
1981	2471	100	5	8/26/1981	22:50	9	23.2	11.1	220			FS	12
1981	2472	100	5	8/26/1981	11:09	3.6	23.6		215			FS	12
1981	2473	99	5	8/26/1981	11:23	20.4						FS	12
1981	2474	99	5	8/26/1981	11:31	20.4						FS	12
1981	2475	99	5	8/26/1981	23:44		23		240			FS	12
1981	2476	98	5	8/26/1981	23:58		22.9		220			FS	12
1981	2477	87	5	8/27/1981	20:54		23		215			FS	12
1981	2478	86	5	8/27/1981	21:07	21	23	10	220			FS	12
1981	2479	97	5	8/27/1981	0:14		22.8		215			FS	12
1981	2480	94	5	8/27/1981	0:40	4.8	22.8	10.8	215			FS	12
1981	2481	96	5	8/27/1981	1:00	12	23	13.2	215			FS	12
1981	2482	96	5	8/27/1981	1:18	1.2	23	12.8	215			FS	12
1981	2483	95	5	8/27/1981	1:34	2.7	23	12.2	215			FS	12

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2484	93	5	8/27/1981	1:55		22.8	12.4	210			FS	12
1981	2485	92	5	8/27/1981	2:15	9.6	23	12.2	215			FS	12
1981	2486	92	5	8/27/1981	2:33	7.8	23	12	215			FS	12
1981	2487	92	5	8/27/1981	2:49		23	11.6	215			FS	12
1981	2488	91	5	8/27/1981	3:10	4.2	22	11.1	215			FS	12
1981	2489	92	5	8/27/1981	3:35	1.2	23	10.8	215			FS	12
1981	2490	91	5	8/27/1981	3:50	7.2	24	10.2	215			FS	12
1981	2491	90	5	8/27/1981	4:06	9	23.8	9.4	225			FS	12
1981	2492	89	5	8/27/1981	4:23		23	8.5	210			FS	12
1981	2493	89	5	8/27/1981	4:41	5.7	23.2	8.4	220			FS	12
1981	2494	87	5	8/27/1981	5:00	16.8	23.8	8.4	215			FS	12
1981	2495	87	5	8/27/1981	5:15	12						FS	12
1981	2496	87	5	8/27/1981	5:23	13.5	24	7.4	210			FS	12
1981	2497	86	5	8/27/1981	21:22	3	23.5	8.8	210			FS	12
1981	2499	137	5	9/8/1981	20:07	11.1	22	7.1	255			FS	13
1981	2500	136	5	9/8/1981	20:26	11.4	22	6.8	255			FS	13
1981	2501	85	5	8/27/1981	21:35	17.1	23.5	8.3	215			FS	12
1981	2502	83	5	8/27/1981	21:56	12.6	24	7.8	215			FS	12
1981	2503	82	5	8/27/1981	22:10	16.5	24	8	220			FS	12
1981	2504	82	5	8/27/1981	22:20		24		220			FS	12
1981	2505	81	5	8/27/1981	22:33	4.2	23.8	8.4	215			FS	12
1981	2506	80	5	8/27/1981	22:50	7.2	24	8.4	215			FS	12
1981	2507	80	5	8/27/1981	23:05	19.2	24	7.2	230			FS	12
1981	2508	79	5	8/27/1981	23:20		24		235			FS	12
1981	2509	78	5	8/27/1981	23:30		24		220			FS	12
1981	2510	77	5	8/27/1981	23:53	12	24	7.4	220			FS	12
1981	2511	74	5	8/28/1981	0:17		23.8	8.2	235			FS	12
1981	2512	73	5	8/28/1981	0:32		24		235			FS	12
1981	2513	68	5	8/28/1981	1:10	2.7	24.2	6.7	440			FS	12
1981	2514	67	5	8/28/1981	1:25	5.1	24.3	7.1	685			FS	12
1981	2515	62	5	8/28/1981	1:55	5.4	24.5	7.5	1650			FS	12
1981	2516	61	5	8/28/1981	2:10	4.8	24.3	8	2300			FS	12
1981	2517	61	5	8/28/1981	2:25	7.2	24.5	7.8	2550			FS	12
1981	2518	60	5	8/28/1981	2:45	0.9	24.6	7.4	2500			FS	12
1981	2519	53	5	8/28/1981	3:17	11.7	24.5	7.8	5150			FS	12
1981	2520	50	5	8/28/1981	3:37	16.8	24.1	8	7100			FS	12
1981	2521	49	5	8/28/1981	3:57	2.7	24.4	8.1	6050			FS	12
1981	2522	42	5	8/28/1981	4:45	9.9	24.1	7.8	9000			FS	12
1981	2523	43	5	8/28/1981	4:55	3.6	24.7	7.8	9500			FS	12
1981	2524	44	5	8/28/1981	5:30	23.4	24.4	7.8	7350			FS	12
1981	2525	65	5	8/28/1981	20:19		25.8		320			FS	12
1981	2526	64	5	8/28/1981	20:35		25.4		460			FS	12
1981	2527	64	5	8/28/1981	21:13	12	25.2	7	700			FS	12
1981	2528	61	5	8/28/1981	21:36	10.5	25.5	6.8	890			FS	12
1981	2529	61	6	8/28/1981	21:54	4.5	25.2	7.7	1000			FS	12
1981	2530	59	6	8/28/1981	22:12	4.5	25.1	7.9	1300			FS	12
1981	2531	59	5	8/28/1981	22:24	11.7	25	8.5	1700			FS	12
1981	2532	59	6	8/28/1981	22:40	4.2	24.2	10.4	2100			FS	12
1981	2533	58	5	8/28/1981	22:53	7.5	25	10	2100			FS	12
1981	2534	57	6	8/28/1981	23:10	5.4	25	11.7	2200			FS	12
1981	2535	57	6	8/28/1981	23:25	3.9	24.8	9.6	2100			FS	12
1981	2536	58	5	8/28/1981	23:43	13.5	24.9	9.4	3200			FS	12
1981	2537	56	5	8/29/1981	0:01	21	24.8	11				FS	12
1981	2538	53	5	8/30/1981	0:25	24	24.5	8.3				FS	12
1981	2539	51	5	8/30/1981	0:43	19.5	24.5	9.8				FS	12
1981	2540	49	5	8/29/1981	1:02	27	24.9					FS	12
1981	2541	48	5	8/29/1981	1:16		24.6					FS	12
1981	2542	136	5	9/8/1981	20:45	12	23	6.4	250			FS	13
1981	2543	135	5	9/8/1981	21:00	12	22		225			FS	13

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2544	133	5	9/8/1981	21:28	12.3	22	5.8	215			FS	13
1981	2545	131	5	9/8/1981	21:51	11.7	22	6	220			FS	13
1981	2546	128	5	9/8/1981	22:14	11.7	22	6	230			FS	13
1981	2547	127	5	9/8/1981	22:29	10.5	22	6.5	230			FS	13
1981	2548	120	5	9/8/1981	23:18	12	22	6.2	215			FS	13
1981	2549	119	5	9/8/1981	23:35	12	22	6	210			FS	13
1981	2550	119	5	9/8/1981	23:49	1.2						FS	13
1981	2551	119	5	9/9/1981	0:01	1.2	22	8.2	215			FS	13
1981	2552	115	5	9/9/1981	0:34	12.6	22	7	215			FS	13
1981	2553	113	5	9/9/1981	0:40	16.8	22	7.4	215			FS	13
1981	2554	122	5	9/9/1981	0:54	14.7	22	7	215			FS	13
1981	2555	112	5	9/9/1981	1:05	16.2	22	7.6	215			FS	13
1981	2556	112	5	9/9/1981	1:27	13.8	22	7.2	220			FS	13
1981	2557	111	5	9/9/1981	1:41	13.2	22	7.4	215			FS	13
1981	2558	111	5	9/9/1981	1:54	13.5	22	7.6	215			FS	13
1981	2559	110	5	9/9/1981	2:06	13.2	22	7.2	225			FS	13
1981	2560	110	5	9/9/1981	2:22	16.8	22	7.4	215			FS	13
1981	2561	110	5	9/9/1981	2:36	15	22	7.9	215			FS	13
1981	2562	109	5	9/9/1981	2:51	12.3	22	7.4	215			FS	13
1981	2563	109	5	9/9/1981	3:06	7.2	22	7.2	215			FS	13
1981	2564	109	5	9/9/1981	3:20	7.5			215			FS	13
1981	2565	109	5	9/9/1981	3:32	3	24	7.8				FS	13
1981	2566	108	5	9/9/1981	3:45	2.7	22	7.2	215			FS	13
1981	2567	108	5	9/9/1981	4:00	0.9	22	7.2	215			FS	13
1981	2568	108	5	9/9/1981	4:12	3	22	7.2	3000			FS	13
1981	2569	107	5	9/9/1981	4:20	11.1	22	7.2	260			FS	13
1981	2570	106	5	9/9/1981	4:44	4.8	22	7.4	215			FS	13
1981	2571	105	5	9/9/1981	4:57	9	22.6	7	215			FS	13
1981	2572	104	5	9/9/1981	5:15	0.9	21	8	215			FS	13
1981	2573	103	5	9/9/1981	5:32	15.3	20	8.7	215			FS	13
1981	2574	102	5	9/9/1981	5:47	11.4	20	7	220			FS	13
1981	2576	101	5	9/9/1981	6:26	20.7	21	7.2	215			FS	13
1981	2577	100	5	9/9/1981	20:57	12	21	7.5	535			FS	13
1981	2578	100	5	9/9/1981	21:11	6.9	21	7.4	440			FS	13
1981	2579	100	5	9/9/1981	21:20	9	21	8.3	225			FS	13
1981	2580	99	5	9/9/1981	21:32	12.6	20.5	8	280			FS	13
1981	2581	99	5	9/9/1981	21:43	1.5	20.5	7.8	225			FS	13
1981	2582	98	5	9/9/1981	22:00		20.5	8.2	245			FS	13
1981	2583	98	5	9/9/1981	22:10	13.5	21	8.3	235			FS	13
1981	2584	96	5	9/9/1981	22:23	8.1	20.5	8.3	235			FS	13
1981	2585	96	5	9/9/1981	22:35	12			12000			FS	13
1981	2586	96	5	9/9/1981	22:45	12	20.5	7.9	235			FS	13
1981	2587	94	5	9/9/1981	23:01	15	20.5	7.8	255			FS	13
1981	2588	94	5	9/9/1981	23:11	1.2	21	8	230			FS	13
1981	2589	93	5	9/9/1981	23:24	11.1	21	7.9	275			FS	13
1981	2590	93	5	9/9/1981	23:32	10.2	21	7.8	240			FS	13
1981	2591	93	5	9/9/1981	23:46	2.7	21	7.6	240			FS	13
1981	2592	92	5	9/9/1981	23:56	8.4	20.5	7.7	230			FS	13
1981	2593	93	5	9/10/1981	0:15	12.9	21	7.6	230			FS	13
1981	2594	92	5	9/10/1981	0:42	3	20	7.6	235			FS	13
1981	2595	91	5	9/10/1981	0:55	0.9	20	7.8	235			FS	13
1981	2596	91	5	9/10/1981	1:13	5.1	20.5	8	230			FS	13
1981	2597	91	5	9/10/1981	1:25	5.1	21	7.8	235			FS	13
1981	2598	90	5	9/10/1981	1:46	10.8	21	6.9	245			FS	13
1981	2599	90	5	9/10/1981	2:00	13.5	20		240			FS	13
1981	2600	89	5	9/10/1981	2:14	11.7	21	7.8	230			FS	13
1981	2601	14	4	8/24/1981	20:12		22.5	4.1	34000			FS	12
1981	2602	14	5	8/24/1981	20:30	5.4	23		30000			FS	12
1981	2603	14	4	8/24/1981	20:50	4.5	22	3.5	34000			FS	12

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2604	15	4	8/24/1981	21:10	6	22	3	33000			FS	12
1981	2605	16	5	8/24/1981	21:35	7.2	22	3.4	32000			FS	12
1981	2606	16	5	8/24/1981	21:56	0.9	22	4	26000			FS	12
1981	2607	17	4	8/24/1981	22:12	4.5	22	3.8	26000			FS	12
1981	2608	17	4	8/24/1981	22:30	4.5	22	3.8	27000			FS	12
1981	2609	17	5	8/24/1981	22:46	5.7	22	4.3	25000			FS	12
1981	2610	18	5	8/24/1981	22:58		22.5		23000			FS	12
1981	2611	22	6	8/24/1981	23:45	3.6	22	5	21000			FS	12
1981	2612	24	4	8/25/1981	0:12	3.9	22	5.4	18000			FS	12
1981	2613	24	4	8/25/1981	0:36	2.7	22	6.4	17000			FS	12
1981	2614	24	5	8/25/1981	0:50	10.2	23.5		18000			FS	12
1981	2615	24	4	8/25/1981	1:08	4.2	22	5.9	18000			FS	12
1981	2616	25	5	8/25/1981	1:26	13.5	22	6	22000			FS	12
1981	2617	25	4	8/25/1981	1:45	4.5	22	6.1	16000			FS	12
1981	2618	26	5	8/25/1981	2:03	1.2	22	6.5	17000			FS	12
1981	2619	26	5	8/25/1981	2:14	3.3	22	6.1	17000			FS	12
1981	2620	26	6	8/25/1981	2:25	2.4	22	5.7	19000			FS	12
1981	2621	26	6	8/25/1981	2:36	3.3	22	6.1	18000			FS	12
1981	2622	27	4	8/25/1981	2:54	4.2	22	6.6	15000			FS	12
1981	2623	26	4	8/25/1981	3:11	2.4	22	6.3	16000			FS	12
1981	2624	26	4	8/25/1981	3:26	2.4						FS	12
1981	2625	27	4	8/25/1981	3:57	3	22	6.3	15000			FS	12
1981	2626	27	4	8/25/1981	4:16	3.3	22	6.3	16000			FS	12
1981	2627	27	4	8/25/1981	4:29	2.7	21.5	5.9	16000			FS	12
1981	2628	27	4	8/25/1981	4:40	2.4	21.5	6.2	16000			FS	12
1981	2629	28	4	8/25/1981	4:55	3.9	21.5	6.3	15000			FS	12
1981	2630	28	4	8/25/1981	5:08	3.3	21.5	6.3	16000			FS	12
1981	2631	28	4	8/25/1981	5:16	3	21.5	6.4	15000			FS	12
1981	2632	28	4	8/25/1981	5:28	3	22	6.4	15000			FS	12
1981	2633	28	4	8/25/1981	5:41	3.3	21.5	6.4	15000			FS	12
1981	2634	29	6	8/25/1981	20:50	3	22.8	6.9	18000			FS	12
1981	2635	30	5	8/25/1981	21:22	10.8	23.1	7	18000			FS	12
1981	2636	30	6	8/25/1981	21:50	3.6						FS	12
1981	2637	30	6	8/25/1981	21:57	3.6	23.2	5.5	18500			FS	12
1981	2638	30	5	8/25/1981	22:41	10.5	22.7	5.3	20500			FS	12
1981	2639	30	5	8/25/1981	23:14	3	23.1		15500			FS	12
1981	2640	30	4	8/25/1981	23:35	3.6	22.8	6.5	15000			FS	12
1981	2641	31	4	8/25/1981	23:54	3.6	23		14000			FS	12
1981	2642	31	4	8/26/1981	0:15	3.6	22.9		14500			FS	12
1981	2643	30	6	8/26/1981	20:45	2.7	21.5	5.9	17500			FS	12
1981	2644	30	5	8/26/1981	21:10	7.2	21.5	5.1	18500			FS	12
1981	2645	30	6	8/26/1981	21:22	2.7	21.5	6.7	17000			FS	12
1981	2646	31	5	8/26/1981	21:40	2.1	22.5	5.9	17000			FS	12
1981	2647	31	5	8/26/1981	21:55	3.3	22.5	5.9	16500			FS	12
1981	2648	31	5	8/26/1981	22:10	2.1	22.5		16000			FS	12
1981	2649	31	5	8/26/1981	22:25	7.5	22.5	5	18500			FS	12
1981	2650	31	5	8/26/1981	22:40	11.1	22.5	5.2	19500			FS	12
1981	2651	31	6	8/26/1981	23:00	2.7	22.5	5.2	16500			FS	12
1981	2652	31	6	8/26/1981	23:15	2.4	22.5	5.9	15000			FS	12
1981	2653	32	6	8/26/1981	23:40	2.7	22.5	6.1	14000			FS	12
1981	2654	32	5	8/27/1981	0:00	9	22.5	5	18000			FS	12
1981	2655	32	4	8/27/1981	0:21	3.9	22	8.5	15500			FS	12
1981	2656	33	5	8/27/1981	0:45	4.8	22	8.5	13500			FS	12
1981	2657	34	5	8/27/1981	1:03	7.2	22.5	8.4	14500			FS	12
1981	2658	33	6	8/27/1981	1:25	2.1	22.5	8.4	12500			FS	12
1981	2659	33	6	8/27/1981	1:40	2.4	23	8.4	12500			FS	12
1981	2660	33	6	8/27/1981	1:53	3	23	8.4	13000			FS	12
1981	2661	34	6	8/27/1981	2:10	3.3	23	8.5	12000			FS	12
1981	2662	34	6	8/27/1981	2:28	3.3	23	9	12000			FS	12

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2663	34	5	8/27/1981	2:43	4.8	23		12000			FS	12
1981	2664	34	5	8/27/1981	2:58	3.9	22.5	9	12000			FS	12
1981	2665	34	6	8/27/1981	3:12	2.7	23	8.7	12000			FS	12
1981	2666	34	6	8/27/1981	3:26	3	23	8.5	12000			FS	12
1981	2667	35	4	8/27/1981	3:40	3	23	8.3	11500			FS	12
1981	2668	35	6	8/27/1981	3:55	3	23	7.9	13000			FS	12
1981	2669	35	5	8/27/1981	4:15	10.5	23	7.8	13500			FS	12
1981	2670	36	6	8/27/1981	4:55	3	23	8.8	12000			FS	12
1981	2671	36	6	8/27/1981	5:12	2.4	23	8.5	12000			FS	12
1981	2672	36	6	8/27/1981	5:28	3	23	8.4	12000			FS	12
1981	2673	35	6	8/27/1981	5:40	2.4	23	8.6	11500			FS	12
1981	2674	35	5	8/27/1981	19:57	10.5	24.5	6.9	13500			FS	12
1981	2675	35	5	8/27/1981	20:20				10500			FS	12
1981	2676	36	5	8/27/1981	20:35	7.8	25	7	13500			FS	12
1981	2677	36	5	8/27/1981	21:01	3						FS	12
1981	2678	36	5	8/27/1981	21:15				10000			FS	12
1981	2679	37	5	8/27/1981	21:28	7.5	25	7.8	12000			FS	12
1981	2680	37	5	8/27/1981	21:53	7.2	24.5	7.5	13000			FS	12
1981	2681	38	5	8/27/1981	22:12	8.1	25	7.6	12500			FS	12
1981	2682	38	5	8/27/1981	22:38	8.7	25	7.7	13000			FS	12
1981	2683	37	6	8/27/1981	23:08	3	23.5	8.4	11500			FS	12
1981	2684	36	6	8/27/1981	23:29	3	24	8	12000			FS	12
1981	2685	37	6	8/27/1981	23:49				12500			FS	12
1981	2686	36	6	8/28/1981	0:08	3	24	8.4	11500			FS	12
1981	2687	36	6	8/28/1981	0:23	2.7	24	8.6	11500			FS	12
1981	2688	36	6	8/28/1981	0:45	2.4	23	7.3	12000			FS	12
1981	2689	39	6	8/28/1981	1:25	2.4	24	8.8	11500			FS	12
1981	2690	39	4	8/28/1981	1:46	5.7			10000			FS	12
1981	2691	39	4	8/28/1981	2:09	3	22	5.8	12000			FS	12
1981	2692	41	5	8/28/1981	2:28	13.5	24	8	12000			FS	12
1981	2693	41	5	8/28/1981	2:51	16.5	25	7.8	10500			FS	12
1981	2694	41	5	8/28/1981	3:11	15.9	23.5	7.3	10500			FS	12
1981	2695	42	4	8/28/1981	3:42	4.5	24	7	10000			FS	12
1981	2696	42	4	8/28/1981	4:00	4.5	24	7.5	10000			FS	12
1981	2697	42	5	8/28/1981		9.6			10000			FS	12
1981	2698	42	5	8/28/1981	4:30	10.5	24	7.2				FS	12
1981	2699	44	6	8/28/1981	4:55	3.3	23.5	6	9250			FS	12
1981	2700	45	5	8/28/1981	5:20	19.5	25	5.2	7700			FS	12
1981	2701	47	5	8/28/1981	5:52	26.7	26	5.6	6750			FS	12
1981	2702	88	5	9/10/1981	2:39	10.2	20.5	6.9	230			FS	13
1981	2703	87	5	9/10/1981	2:52	2.1	20	6.8	230			FS	13
1981	2704	86	5	9/10/1981	3:04	15	20.5	6.7	230			FS	13
1981	2705	81	5	9/10/1981	3:21	25.5	20	6.8	230			FS	13
1981	2706	84	5	9/10/1981	3:40	3.9	20.5	7	465			FS	13
1981	2707	83	5	9/10/1981	4:00	4.8	20	6.9	460			FS	13
1981	2708	82	5	9/10/1981	4:18	13.2	21	6.4	12000			FS	13
1981	2709	81	5	9/10/1981	4:37	5.1	20	6.5	445			FS	13
1981	2710	80	5	9/10/1981	4:56	16.2	21	6.2	600			FS	13
1981	2711	80	5	9/10/1981	5:12	19.5	21	6.2	345			FS	13
1981	2712	79	5	9/10/1981	5:25	22.5	21	6.3	280			FS	13
1981	2713	79	5	9/10/1981	5:43	21	20.5	6.5	435			FS	13
1981	2714	78	5	9/10/1981	5:57	18						FS	13
1981	2715	78	5	9/10/1981	20:28	18	22	6.4	360			FS	13
1981	2716	72	5	9/10/1981	21:17	16.2	22.5	6.2	235			FS	13
1981	2717	72	5	9/10/1981	21:28	14.7	22.5	6.4	440			FS	13
1981	2718	68	5	9/10/1981	21:48	2.1	23	6.7	465			FS	13
1981	2719	68	5	9/10/1981	21:58	15	22.5	6.5	1000			FS	13
1981	2720	68	5	9/10/1981	22:11	8.1	23	6.8	835			FS	13
1981	2721	67	5	9/10/1981	22:27	1.8	22.5	6.8	955			FS	13

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2722	64	5	9/10/1981	22:42	14.7	23	6.4	2950			FS	13
1981	2723	62	5	9/10/1981	22:55	12.9	23	6.4	4400			FS	13
1981	2724	60	5	9/10/1981	23:11	6.3	23	7.1	3900			FS	13
1981	2725	60	5	9/10/1981	23:23	2.1	23	7.1	3750			FS	13
1981	2726	59	5	9/10/1981	23:32	12	23	6.5	6250			FS	13
1981	2727	59	5	9/10/1981	23:44		23		4150			FS	13
1981	2728	58	5	9/10/1981	23:53	7.5	23	6.4	7150			FS	13
1981	2729	58	5	9/11/1981	0:03	12	23	7	6200			FS	13
1981	2730	58	6	9/11/1981	0:20	3	23	8.1	3700			FS	13
1981	2731	56	6	9/11/1981	0:31	3	22.5	7	3600			FS	13
1981	2732	57	6	9/11/1981	0:40	3	22	8	3900			FS	13
1981	2733	54	4	9/11/1981	0:57	3.3	23	7.5	3950			FS	13
1981	2734	56	5	9/11/1981	1:16	6.3	23	7.4	14000			FS	13
1981	2735	56	5	9/11/1981	1:29	12	22.5	6.7	7300			FS	13
1981	2736	56	6	9/11/1981	1:42	4.5	22.5	7.1				FS	13
1981	2737	55	5	9/11/1981	1:52	16.5	23	6.6	7500			FS	13
1981	2738	55	5	9/11/1981	2:03	18	23	6.6	7550			FS	13
1981	2739	54	5	9/10/1981	2:19	5.1	22.5	7.3	4300			FS	13
1981	2740	53	5	9/11/1981	2:31	10.2	22.5	6.5	7600			FS	13
1981	2741	50	5	9/11/1981	2:54	25.5	22	5.6	10000			FS	13
1981	2742	49	5	9/11/1981	3:07	34.5	22	6	10000			FS	13
1981	2743	49	5	9/11/1981	3:29	10.5	22	6.2	8200			FS	13
1981	2744	48	5	9/11/1981	3:40	9	23	6.5	7200			FS	13
1981	2745	16	4	9/11/1981	20:10	5.7	23	5	24000			FS	13
1981	2746	18	4	9/11/1981	20:25	5.4	23	4.7	24000			FS	13
1981	2747	17	6	9/11/1981	20:37	5.7	23	5	24500			FS	13
1981	2748	19	6	9/11/1981	20:57	4.8	23	5.4	22000			FS	13
1981	2749	20	5	9/11/1981	21:09	2.7	22.5	5.9	22000			FS	13
1981	2750	20	4	9/11/1981	21:18	4.8	22.5	6	22100			FS	13
1981	2751	20	4	9/11/1981	21:30	4.5	22.5	5.4	22000			FS	13
1981	2752	20	5	9/11/1981	21:40	5.1	22.4		20000			FS	13
1981	2753	21	5	9/11/1981	21:54	3	22.5	6.1	21000			FS	13
1981	2754	21	5	9/11/1981	22:10	3	22.5	6.3	22000			FS	13
1981	2755	21	5	9/11/1981	22:22	8.4	22.5	5.6	23000			FS	13
1981	2756	23	4	9/11/1981	22:40	5.1	22.5	6.4	20000			FS	13
1981	2757	24	4	9/11/1981	22:50	4.5	22.5	6	20000			FS	13
1981	2758	24	5	9/11/1981	23:00	11.1	22.5	5.1	22500			FS	13
1981	2759	24	4	9/11/1981	23:12	4.8	22.5	6.1	20000			FS	13
1981	2760	25	4	9/11/1981	23:33	4.5	22.5	6.5	19900			FS	13
1981	2761	38	5	9/9/1981	19:30	10.5						FS	13
1981	2762	38	5	9/10/1981	0:40	10.5	20	7.6	11500			FS	13
1981	2763	37	5	9/10/1981	1:06	7.8	19.5	7.9	12000			FS	13
1981	2764	37	5	9/10/1981	1:26	0.9	19.2	7.8	12000			FS	13
1981	2765	36	5	9/10/1981	1:44	7.5	19	7.6	13000			FS	13
1981	2766	36	5	9/10/1981	2:03	8.1	19		11500			FS	13
1981	2767	35	5	9/10/1981	2:22	8.4	19.5	7.5	13000			FS	13
1981	2768	35	5	9/10/1981	2:39	9.9	19.5	7	14000			FS	13
1981	2769	35	5	9/10/1981	3:01	10.8	19	6.8	15500			FS	13
1981	2770	35	5	9/10/1981	3:24	11.1	19	7.4	12500			FS	13
1981	2771	34	5	9/10/1981	3:50	8.1	19		12000			FS	13
1981	2772	34	5	9/10/1981	4:06	0.9	19.9	6.6	12000			FS	13
1981	2773	35	6	9/10/1981	4:24	3	18.5	7.5	12000			FS	13
1981	2774	35	6	9/10/1981	4:39	2.4	18	7.4	11500			FS	13
1981	2775	35	6	9/10/1981	5:01	3.6	18.5	6.6	13000			FS	13
1981	2776	35	6	9/10/1981	5:17	4.5	18.5	6.8	13000			FS	13
1981	2777	35	6	9/10/1981	5:35	4.5	19	7	12500			FS	13
1981	2778	35	6	9/10/1981	5:51	3	19	7	12000			FS	13
1981	2779	35	6	9/10/1981	6:12	2.7	19	7.3	285			FS	13
1981	2780	38	6	9/10/1981	20:12	3	22	7.6	11500			FS	13

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2781	38	6	9/10/1981	20:24	2.7	22.8	7.7	12000			FS	13
1981	2782	38	6	9/10/1981	20:37	3.6	23	7.3	11500			FS	13
1981	2783	37	6	9/10/1981	20:51	3	23	7.4	12000			FS	13
1981	2784	37	6	9/10/1981	21:04	3	22.5	7.4	11500			FS	13
1981	2785	37	6	9/10/1981	21:20	2.7	22.5	7.4	230			FS	13
1981	2786	36	6	9/10/1981	21:30	2.4	23		12500			FS	13
1981	2787	36	6	9/10/1981	21:44	2.4	22.5	7.5	12500			FS	13
1981	2788	35	6	9/10/1981	21:58	2.4	22	7.8	11500			FS	13
1981	2789	33	5	9/10/1981	22:31	12.3	22	4.6	22500			FS	13
1981	2790	33	5	9/10/1981	22:56	1.2	22		12500			FS	13
1981	2791	33	5	9/10/1981	23:15	0.9	21.5	7.7	14000			FS	13
1981	2792	32	5	9/10/1981	23:32	1.8	21.5	7.7	15500			FS	13
1981	2793	32	5	9/10/1981	23:43	0.9	21.5	7.8	5350			FS	13
1981	2794	32	5	9/10/1981	23:54	3	21.5	7.4	15000			FS	13
1981	2795	32	6	9/11/1981	0:16	2.4	22	7.9	13500			FS	13
1981	2796	33	6	9/11/1981	0:30	3.9	22	7.8	14000			FS	13
1981	2797	33	6	9/11/1981	0:42	3.9	21.5	8	14500			FS	13
1981	2798	33	6	9/10/1981	0:58	2.4	22	7.8	13500			FS	13
1981	2799	33	6	9/11/1981	1:12	2.1	21.5	7.9	12500			FS	13
1981	2800	32	6	9/11/1981	1:26	2.1	22	8	14500			FS	13
1981	2801	31	4	9/11/1981	1:55	3	21.6	7.9	14500			FS	13
1981	2802	31	5	9/11/1981	2:11	10.5	22	4.3	23500			FS	13
1981	2803	31	5	9/11/1981	2:29	7.5	22	6.2	19500			FS	13
1981	2804	30	5	9/11/1981	2:45	7.5	22	6.5	19500			FS	13
1981	2805	31	6	9/11/1981	3:04	3	21.5	7.8	14000			FS	13
1981	2806	31	5	9/11/1981	3:19	7.2	21.5	7.5	14500			FS	13
1981	2807	30	4	9/11/1981	3:40	4.5	21.5	7.5	18500			FS	13
1981	2808	30	4	9/11/1981	3:52	5.1	22	6.7	16500			FS	13
1981	2809	29	4	9/11/1981	4:07	3.9	21.5	7.2	15000			FS	13
1981	2810	29	4	9/11/1981	4:20	3.6	22.6	6.7	17000			FS	13
1981	2811	29	4	9/11/1981	4:30	3.6	22.2	6.2	17500			FS	13
1981	2812	29	5	9/11/1981	4:46	10.5	22	4.7	22500			FS	13
1981	2813	29	6	9/11/1981	5:02	2.7	21	8	13500			FS	13
1981	2814	29	6	9/11/1981	5:13	2.4	21.1	7.9	13000			FS	13
1981	2815	28	6	9/11/1981	5:49	6	21.9	5.4	22500			FS	13
1981	2816	28	6	9/11/1981	6:12	2.7	21	7.4	16500			FS	13
1981	2817	45	5	9/11/1981	19:31	10.2	23.5	6.2	7600			FS	13
1981	2818	43	5	9/11/1981	19:47	22.2	23	5.8	10000			FS	13
1981	2819	43	5	9/11/1981	20:01	4.5	23	6.2	10000			FS	13
1981	2820	43	5	9/11/1981	20:14	18.6	23.2	6.1	9100			FS	13
1981	2821	43	5	9/11/1981	20:24	10.5	23.2	6.1	9000			FS	13
1981	2822	42	4	9/11/1981	20:34	4.5	23	5.9	11500			FS	13
1981	2823	42	4	9/11/1981	20:46	3.9	23	6.1	10000			FS	13
1981	2824	42	5	9/11/1981	20:56	1.8	23	6	10000			FS	13
1981	2825	42	5	9/11/1981	21:10	13.8	23.1	6	10000			FS	13
1981	2826	41	5	9/11/1981	21:20	9.3	22.7	6.8	10000			FS	13
1981	2827	41	4	9/11/1981	21:35	4.5	22.6	6.3	11000			FS	13
1981	2828	40	5	9/11/1981	21:55	15.9	22.8	5.9	13000			FS	13
1981	2829	40	4	9/11/1981	22:12	3	24	6.5	10000			FS	13
1981	2830	39	4	9/11/1981	22:25	3	22.9	6.5	10000			FS	13
1981	2831	31	5	9/23/1981	19:06	7.5	19	9.1	9800			FS	14
1981	2832	136	5	10/5/1981	18:39	11.4	13	8.8	195			FS	15
1981	2833	135	5	10/5/1981	18:49	11.7	13	10.1	170			FS	15
1981	2834	133	5	10/5/1981	19:10	11.7	13	10.2	185			FS	15
1981	2835	133	5	10/5/1981	19:23	12	13	9.8	185			FS	15
1981	2836	132	5	10/5/1981	19:38	11.7	13.5	9.6	185			FS	15
1981	2837	130	5	10/5/1981	19:55	11.7	13	10.3	185			FS	15
1981	2838	127	5	10/5/1981	20:15	12	13.5	9.8	185			FS	15
1981	2839	126	5	10/5/1981	20:30	12	13.5	10.2	185			FS	15

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2840	119	5	10/5/1981	21:13	12	14	10.1	205			FS	15
1981	2841	119	5	10/5/1981	21:25	12	14	9.9	205			FS	15
1981	2842	119	5	10/5/1981	21:36	12	14	9.8	200			FS	15
1981	2843	119	5	10/5/1981	21:48	1.2	13.5	9.9	190			FS	15
1981	2844	118	5	10/5/1981	22:02	1.2	13.5	10	195			FS	15
1981	2845	118	5	10/5/1981	22:20	11.7	14	9.8	195			FS	15
1981	2846	118	5	10/5/1981	22:35	11.4	13.5	9.8	195			FS	15
1981	2847	25	4	9/11/1981	23:50	4.5	22.5	6.5	18500			FS	13
1981	2848	25	4	9/12/1981	0:01		23	6.5				FS	13
1981	2849	26	4	9/12/1981	0:11	3	22.5	6.9				FS	13
1981	2850	26	4	9/12/1981	0:21	1.8	22.5	7.4				FS	13
1981	2851	26	4	9/12/1981	0:30	1.8	23	7.4				FS	13
1981	2852	26	4	9/12/1981	0:42	5.1	22.5	6.9				FS	13
1981	2853	27	5	9/12/1981	0:53	5.7	22.5	6.7				FS	13
1981	2854	25	5	9/12/1981	1:07	13.5	22	5.9				FS	13
1981	2855	26	6	9/12/1981	1:20	4.2	22	6.3				FS	13
1981	2856	27	4	9/12/1981	1:34	3	22	7				FS	13
1981	2857	27	4	9/12/1981	1:42	3	22.5	7.2				FS	13
1981	2858	27	4	9/12/1981	1:50	2.7	22	7.3				FS	13
1981	2859	27	5	9/12/1981	2:02		22	6.4				FS	13
1981	2860	28	5	9/12/1981	2:13	2.7	22	7.2				FS	13
1981	2861	135	5	9/21/1981	19:36	10.8	19	7.8	190			FS	14
1981	2862	135	5	9/21/1981	19:48	11.7	19	7.7	185			FS	14
1981	2863	132	5	9/21/1981	20:11	10.5	19	7.6	200			FS	14
1981	2864	131	5	9/21/1981	20:22	10.5	19	7.6	200			FS	14
1981	2865	130	5	9/21/1981	20:31	10.8	19	7.7	200			FS	14
1981	2866	129	5	9/21/1981	20:44	12	19	7.7	200			FS	14
1981	2867	127	5	9/21/1981	20:59	9.9	19	7.8	200			FS	14
1981	2868	126	5	9/21/1981	21:17	11.1	19	8	200			FS	14
1981	2869	124	5	9/21/1981	21:35	12.3	19	8.4	210			FS	14
1981	2870	124	5	9/21/1981	21:40	12.3	19.5	8.1	210			FS	14
1981	2871	123	5	9/21/1981	21:50	12.3	19	8.5	205			FS	14
1981	2872	122	5	9/21/1981	22:13	12.3	19	8.7	200			FS	14
1981	2873	122	5	9/21/1981	22:22	12.9	19	8.4	220			FS	14
1981	2874	121	5	9/21/1981	22:33	12.3	19	8.7	220			FS	14
1981	2875	119	5	9/21/1981	22:53	12.3	19	8.5	320			FS	14
1981	2876	118	5	9/21/1981	22:58	12.9			240			FS	14
1981	2877	118	5	9/21/1981	23:13	12.9	18.5	8.5				FS	14
1981	2878	117	5	9/21/1981	23:22	12.3	19	8.5	240			FS	14
1981	2879	117	5	9/21/1981	23:38	13.2	19	8.8	240			FS	14
1981	2880	116	5	9/21/1981	23:50	14.1	19	8.6	240			FS	14
1981	2881	116	5	9/22/1981	0:07	0.3	19.5		240			FS	14
1981	2882	114	5	9/22/1981	0:23	13.2	19	8.8	240			FS	14
1981	2883	112	5	9/22/1981	0:37	15	19	8.6	240			FS	14
1981	2884	112	5	9/22/1981	0:58	13.5	19.5	8.5	240			FS	14
1981	2885	111	5	9/22/1981	1:14	14.7	19	8.5	240			FS	14
1981	2886	111	5	9/22/1981	1:22	1.5	19	8.4	240			FS	14
1981	2887	111	5	9/22/1981	1:38	4.5	18.5	8.6	240			FS	14
1981	2888	111	5	9/22/1981	1:49	3.6	18.5	8.5	245			FS	14
1981	2889	109	5	9/22/1981	2:06	3.6	18.5	8.4	245			FS	14
1981	2890	108	5	9/22/1981	2:20	4.5	18.7		245			FS	14
1981	2891	105	5	9/22/1981	2:37		18.5	8.2	240			FS	14
1981	2892	105	5	9/22/1981	2:58	15	19	8.3	240			FS	14
1981	2893	104	5	9/22/1981	3:13	4.2	19	8.2	240			FS	14
1981	2894	103	5	9/22/1981	3:28	10.5	19	8.2	240			FS	14
1981	2895	101	5	9/22/1981	3:44	15.9	19	8.3	240			FS	14
1981	2896	100	5	9/22/1981	4:00	7.5	18.5	8.3	1200			FS	14
1981	2897	100	5	9/22/1981	4:07	6.3	19	8.3	260			FS	14
1981	2898	100	5	9/22/1981	4:21	7.5	19	8.2	240			FS	14

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2899	99	5	9/22/1981	4:32	14.4	18.5	8.3	240			FS	14
1981	2900	99	5	9/22/1981	4:45	17.1	19	8.1	220			FS	14
1981	2901	98	5	9/22/1981	4:59	12	19	8.3	240			FS	14
1981	2902	98	5	9/22/1981	5:11	10.5	18.5	8.1	240			FS	14
1981	2903	96	5	9/22/1981	5:26	12	18.5	8.4	225			FS	14
1981	2904	95	5	9/22/1981	5:34	11.7	19	8.4	265			FS	14
1981	2905	95	5	9/22/1981	5:48	4.5	19	8.5	250			FS	14
1981	2906	95	5	9/22/1981	5:58	11.7	19	8.4	230			FS	14
1981	2907	94	5	9/22/1981	6:08		18.5	8.5	220			FS	14
1981	2908	95	5	9/22/1981	6:31	4.5	18.5	8.3	220			FS	14
1981	2909	93	5	9/22/1981	6:42	3.6	18.5	8.3	220			FS	14
1981	2910	93	5	9/22/1981	20:11	7.5	19	8.4	220			FS	14
1981	2911	92	5	9/22/1981	20:21	9	19	8.6	220			FS	14
1981	2912	93	5	9/22/1981	20:30	12	19	8.6	220			FS	14
1981	2913	93	5	9/22/1981	20:37	12	19	8.5	220			FS	14
1981	2914	92	5	9/22/1981	20:50	4.8	19	8.4	220			FS	14
1981	2915	92	5	9/22/1981	21:09	5.4	18.5	8.7	220			FS	14
1981	2916	91	5	9/22/1981	21:21	4.2	18.5	8.6	220			FS	14
1981	2917	91	5	9/22/1981	21:32	8.4	18.5	8.6	220			FS	14
1981	2918	90	5	9/22/1981	21:44	7.5	19	8.6	220			FS	14
1981	2919	90	5	9/22/1981	21:54	15	19	8.5	220			FS	14
1981	2920	90	5	9/22/1981	22:10	15	19	8.4	220			FS	14
1981	2921	89	5	9/22/1981	22:25		19	8.3	220			FS	14
1981	2922	87	5	9/22/1981	22:40	19.5	19	8.3	220			FS	14
1981	2923	87	5	9/22/1981	22:58	19.5	19.5	7.7	220			FS	14
1981	2924	84	5	9/22/1981	23:16	11.7	19.5	7.8	220			FS	14
1981	2925	83	5	9/22/1981	23:30	14.1	19.5	7.7	220			FS	14
1981	2926	82	5	9/22/1981	23:39	16.5	19.5	7.7	220			FS	14
1981	2927	82	5	9/22/1981	23:47		19	7.7	220			FS	14
1981	2928	80	5	9/23/1981	0:05	5.7	19.5	7.5	220			FS	14
1981	2929	80	5	9/23/1981	0:17	19.5	20	7.4	220			FS	14
1981	2930	78	5	9/23/1981	0:39	15	20	7.2	220			FS	14
1981	2931	78	5	9/23/1981	0:47	15	20	7.1	220			FS	14
1981	2932	77	5	9/23/1981	1:01	3	19.5	7.2	235			FS	14
1981	2933	77	5	9/23/1981	1:13	16.5	19.5	7.2	220			FS	14
1981	2934	73	5	9/23/1981	1:33	24	19	7	220			FS	14
1981	2935	72	5	9/23/1981	1:43	16.2	20	7	240			FS	14
1981	2936	69	5	9/23/1981	2:04	1.5	20	7.1	250			FS	14
1981	2937	65	5	9/23/1981	2:25	10.2			320			FS	14
1981	2938	65	5	9/23/1981	2:39	10.2	20	7	12000			FS	14
1981	2939	64	5	9/23/1981	2:54	9.9	20	7.1	380			FS	14
1981	2940	64	5	9/23/1981	3:10	13.5	20	7.1	300			FS	14
1981	2941	62	5	9/23/1981	3:26	10.5	20.5	7.2	560			FS	14
1981	2942	62	5	9/23/1981	3:38	9	20.5	7.3	440			FS	14
1981	2943	61	6	9/23/1981	3:53	3	20	7.6	720			FS	14
1981	2944	61	6	9/23/1981	4:01	4.5	20.5	7.5	680			FS	14
1981	2945	59	5	9/23/1981	4:23	4.8	20	7.5	660			FS	14
1981	2946	59	5	9/23/1981	4:34	4.8	20	7.3	640			FS	14
1981	2947	59	5	9/23/1981	4:47		20	7.2	685			FS	14
1981	2948	58	6	9/23/1981	4:57	4.5	19.5	7.6	240			FS	14
1981	2949	58	6	9/23/1981	5:06	3	20	7.7	1200			FS	14
1981	2950	58	5	9/23/1981	5:16	12	20	7.4	870			FS	14
1981	2951	57	5	9/23/1981	5:23	11.4	20	7.6	1000			FS	14
1981	2952	57	5	9/23/1981	5:29	11.1	20	7.4	1200			FS	14
1981	2953	56	5	9/23/1981	5:41	19.5	19.5	7.4	1700			FS	14
1981	2954	56	5	9/23/1981	5:51	12	20	7.3	1650			FS	14
1981	2955	56	6	9/23/1981	6:01	5.4						FS	14
1981	2956	56	6	9/23/1981	19:21		19	7.9	1600			FS	14
1981	2957	55	5	9/23/1981	19:30	8.1	19.5	7.8	1600			FS	14

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	2958	55	5	9/23/1981	19:38	17.4			2200			FS	14
1981	2959	55	5	9/23/1981	19:54							FS	14
1981	2960	55	5	9/23/1981	20:13	17.4	19	7.7				FS	14
1981	2961	55	5	9/23/1981	20:24	18.3	18.5	7.6	2300			FS	14
1981	2962	55	5	9/23/1981	20:33	19.5	19	8	2400			FS	14
1981	2963	54	5	9/23/1981	20:47	16.8	19	7.9	2600			FS	14
1981	2964	54	5	9/23/1981	21:02	25.5	19.5	7.8	2800			FS	14
1981	2965	49	5	9/23/1981	21:37	9	20	7.4	4400			FS	14
1981	2966	47	5	9/23/1981	21:58	30.9	20	7.3	6000			FS	14
1981	2967	46	5	9/23/1981	22:10	9.3	20.5	7.2	5700			FS	14
1981	2968	46	5	9/23/1981	22:23	2.4	20	7.9	6100			FS	14
1981	2969	44	5	9/23/1981	22:35	33.9	21	7.7	6800			FS	14
1981	2970	44	5	9/23/1981	22:46	21.3	20.5	7.9	7100			FS	14
1981	2971	43	6	9/23/1981	23:02	4.5	20	7.6	6800			FS	14
1981	2972	20	4	9/21/1981	19:11		20	5.4	17800			FS	14
1981	2973	17	5	9/21/1981	19:50	6	20	3.8	22500			FS	14
1981	2974	17	5	9/21/1981	20:07	2.1	20	4	22000			FS	14
1981	2975	16	4	9/21/1981	20:25	5.4	20	5.3	22000			FS	14
1981	2976	16	4	9/21/1981	20:41	5.4	19.5	4.7	23000			FS	14
1981	2977	15	5	9/21/1981	21:08	3.9	19.9	3.5	23000			FS	14
1981	2978	14	4	9/21/1981	21:51	5.4	19.5	3.3	22500			FS	14
1981	2979	14	5	9/21/1981	22:07	3	19.5	3.6	22000			FS	14
1981	2980	15	5	9/21/1981	22:21	2.7	19.1	3.5	21500			FS	14
1981	2981	23	4	9/21/1981	23:44	6	18	6	14000			FS	14
1981	2982	23	4	9/22/1981	0:02	6	18	6	13000			FS	14
1981	2983	24	4	9/22/1981	0:19	4.2	18.5	6.6	12200			FS	14
1981	2984	25	4	9/22/1981	0:45	4.5	18.5	6.8	12000			FS	14
1981	2985	25	4	9/22/1981	1:04	2.4	18.5	6.4	12000			FS	14
1981	2986	25	4	9/22/1981	1:17	3.3	18.5	6.9				FS	14
1981	2987	26	4	9/22/1981	1:30	2.4	18	6.8	12000			FS	14
1981	2988	26	4	9/22/1981	1:46	3	18.5	8.3	12000			FS	14
1981	2989	25	6	9/22/1981	20:22	4.2	20.5	6	16200			FS	14
1981	2990	26	5	9/22/1981	20:33	4.8	20.5	6.1	16000			FS	14
1981	2992	26	5	9/22/1981	21:03	1.5	20	6.8	14200			FS	14
1981	2993	26	5	9/22/1981	21:18	2.4	20.6		14500			FS	14
1981	2994	26	5	9/22/1981	21:35	1.2	20	6.8	16000			FS	14
1981	2995	26	5	9/22/1981	21:50	3.6	20	7.1	15750			FS	14
1981	2996	26	6	9/22/1981	22:05	3	20	7	14000			FS	14
1981	2997	27	4	9/22/1981	22:33	3	19.5	7.5	12000			FS	14
1981	2998	27	4	9/22/1981	22:45	2.4	19.5	7.6	12000			FS	14
1981	2999	27	4	9/22/1981	22:57	2.7	19.5	7.7	12100			FS	14
1981	3001	27	4	9/23/1981	0:42	2.7	19.5	7	12000			FS	14
1981	3002	27	5	9/23/1981	1:00	0.6	19	7.5	12000			FS	14
1981	3003	28	6	9/23/1981	1:26	5.7	19	7.7	11000			FS	14
1981	3004	28	4	9/23/1981	1:48	3	19.6		12000			FS	14
1981	3005	28	4	9/23/1981	2:01	3	19	7.4	12000			FS	14
1981	3006	29	4	9/23/1981	2:18	3.3	19	8.5	12000			FS	14
1981	3007	29	4	9/23/1981	2:34	2.1	19	8.7	11000			FS	14
1981	3008	29	4	9/23/1981	2:46	3.3	19	8.8	10000			FS	14
1981	3009	29	4	9/23/1981	3:00	3.6	19.9		10000			FS	14
1981	3010	29	4	9/23/1981	3:20	5.1	19.5	8.6	9500			FS	14
1981	3011	29	4	9/23/1981	3:50	5.1	19.5	8.5	10000			FS	14
1981	3012	30	4	9/23/1981	4:11	3.3	19	8.5	10000			FS	14
1981	3013	30	4	9/23/1981	4:24	4.2	19	8.5	10000			FS	14
1981	3014	31	4	9/23/1981	4:38	4.5	19.5	8.4	8500			FS	14
1981	3016	31	5	9/23/1981	5:08	6.9						FS	14
1981	3017	28	6	9/23/1981	19:36	2.7	17.5	8.2				FS	14
1981	3018	28	5	9/23/1981	19:51	2.7	19		11000			FS	14
1981	3020	29	5	9/23/1981	20:24	10.5	18	7.4	13000			FS	14

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3021	29	6	9/23/1981	20:37	2.7	18.4		10000			FS	14
1981	3022	30	6	9/23/1981	21:04	5.7	16	8.6	10000			FS	14
1981	3023	30	5	9/23/1981	21:25	12.6	18.6		10200			FS	14
1981	3024	31	5	9/23/1981	21:48	6.9	17.5	7.5	12000			FS	14
1981	3025	32	5	9/23/1981	22:12	8.4	17.5	8.1	10000			FS	14
1981	3026	33	5	9/23/1981	22:41	9	18.7		10000			FS	14
1981	3027	33	5	9/23/1981	23:05	10.8	17.5	8.2	10000			FS	14
1981	3028	33	5	9/23/1981	23:27	9	18	8	10000			FS	14
1981	3029	32	4	9/23/1981	23:43	3	18	8.3	10000			FS	14
1981	3030	33	5	9/24/1981	0:08	4.5	18	8.1	9200			FS	14
1981	3031	33	6	9/24/1981	0:26	2.1	17.5	9.2	9200			FS	14
1981	3032	33	6	9/24/1981	0:44	2.1	18	9.4	8000			FS	14
1981	3034	32	6	9/24/1981	1:11	3	18	9.1	8500			FS	14
1981	3035	34	6	9/24/1981	1:41	3	18.1	8.8	8850			FS	14
1981	3036	34	6	9/24/1981	1:58	3.9	18.5	8.7	8400			FS	14
1981	3037	34	5	9/24/1981	2:19	11.7						FS	14
1981	3038	34	5	9/24/1981	2:33	11.7	18	8.5	8000			FS	14
1981	3039	34	5	9/24/1981	2:58	12.3	19	8.5	8000			FS	14
1981	3040	36	5	9/24/1981	3:18	8.1	19.5	8.3	8950			FS	14
1981	3041	35	6	9/24/1981	3:39	3	18.5	8.6	9000			FS	14
1981	3042	35	6	9/24/1981	3:52	3.3	19	8.5	9000			FS	14
1981	3043	35	6	9/24/1981	4:10	2.1	19.7		9000			FS	14
1981	3044	35	6	9/24/1981	4:25	2.1	19	8.5	8700			FS	14
1981	3045	36	6	9/24/1981	4:43	2.1	19	8.5	8600			FS	14
1981	3046	36	6	9/24/1981	4:58	3	18.5	7.5	8400			FS	14
1981	3047	36	6	9/24/1981	5:19	3	20	8	8000			FS	14
1981	3048	36	6	9/24/1981	5:42	4.2	18.5	8	7200			FS	14
1981	3049	36	5	9/24/1981	6:02	1.2	19	8	6900			FS	14
1981	3050	115	5	10/5/1981	22:54	8.1	14	9.7	190			FS	15
1981	3051	114	5	10/5/1981	23:07	11.7	14	9.7	175			FS	15
1981	3052	114	5	10/5/1981	23:20	13.2	14	9.5	180			FS	15
1981	3053	114	5	10/5/1981	23:32	5.4	14	9.8	200			FS	15
1981	3054	113	5	10/5/1981	23:45	8.7	14	9.7	185			FS	15
1981	3055	111	5	10/6/1981	0:01	14.1	14	9.7	175			FS	15
1981	3056	111	5	10/6/1981	0:14	12	14	9.7	175			FS	15
1981	3057	111	5	10/6/1981	0:25	13.2	14	9.7	170			FS	15
1981	3058	110	5	10/6/1981	0:37	17.4	14	9.8	170			FS	15
1981	3059	110	5	10/6/1981	0:49	15.3	14	9.6	175			FS	15
1981	3060	110	5	10/6/1981	1:02	12	14		180			FS	15
1981	3061	110	5	10/6/1981	1:10	10.5	14	9.7	240			FS	15
1981	3062	108	5	10/6/1981	1:27	6.6	14	9.5	185			FS	15
1981	3063	108	5	10/6/1981	1:37	3	14	9.5	175			FS	15
1981	3064	104	5	10/6/1981	2:01	13.2	14	9.5	225			FS	15
1981	3065	103	5	10/6/1981	2:15	11.4	14	9.5	180			FS	15
1981	3066	102	5	10/6/1981	2:28	13.8	14	9.6	185			FS	15
1981	3067	101	5	10/6/1981	2:44	15	14.5	9.6	395			FS	15
1981	3068	101	5	10/6/1981	2:54	14.4	14	9.5	195			FS	15
1981	3069	100	5	10/6/1981	3:04	0.9	14	9.6	200			FS	15
1981	3070	100	5	10/6/1981	3:16	3.9	14	9.6	200			FS	15
1981	3071	99	5	10/6/1981	3:28	15	14	9.7	220			FS	15
1981	3072	99	5	10/6/1981	3:39	8.4	14	9.7	450			FS	15
1981	3073	96	5	10/6/1981	3:54	5.4	14	9.8	400			FS	15
1981	3074	95	5	10/6/1981	4:06	2.1	14	9.8	310			FS	15
1981	3075	94	5	10/6/1981	4:18	12.6	14	9.8	230			FS	15
1981	3076	96	5	10/6/1981	4:37	18.9	14	9.8	330			FS	15
1981	3077	96	5	10/6/1981	4:50	15	14	9.8	325			FS	15
1981	3078	95	5	10/6/1981	5:08	6.9	14	9.9	425			FS	15
1981	3079	95	5	10/6/1981	5:21	2.4	14	9.9	325			FS	15
1981	3080	94	5	10/6/1981	5:33	12.6	14	9.7	240			FS	15

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3081	94	5	10/6/1981	5:43	11.1	14	9.7	350			FS	15
1981	3082	93	5	10/6/1981	5:58	9	14	9.8	360			FS	15
1981	3083	42	5	9/23/1981	23:17	9.9	20	7.7	6800			FS	14
1981	3084	41	5	9/23/1981	23:37	13.2	20	8	8400			FS	14
1981	3085	41	5	9/23/1981	23:43	11.1	20.5	7.8	8500			FS	14
1981	3086	41	4	9/24/1981	0:01	4.5	20	7.7	7300			FS	14
1981	3087	42	4	9/24/1981	0:15	4.2	19	8.1	6800			FS	14
1981	3088	39	5	9/24/1981	0:40	11.4			8500			FS	14
1981	3089	39	5	9/24/1981	0:48	11.4	19.5	8				FS	14
1981	3090	39	4	9/24/1981	1:12	3.6	20	7.4	7700			FS	14
1981	3091	39	6	9/24/1981	1:27	3	20	7.9				FS	14
1981	3092	39	6	9/24/1981	1:36	3	20	7.9	8400			FS	14
1981	3093	39	5	9/24/1981	1:50	8.4	20	7.9	8500			FS	14
1981	3094	37	5	9/24/1981	2:13	7.8	19.5	8.3	9200			FS	14
1981	3095	37	5	9/24/1981	2:33	7.5	20	8.1	9200			FS	14
1981	3096	37	6	9/24/1981	2:47	3	19.5	8.2	8700			FS	14
1981	3097	37	6	9/24/1981	2:57	3	19.5	8.2	8600			FS	14
1981	3098	37	6	9/24/1981	3:07	2.4	19.5	8.1	8400			FS	14
1981	3099	37	6	9/24/1981	3:15	4.5	20	7.6	7900			FS	14
1981	3100	37	5	9/24/1981	3:35	8.4	20	7.9	8500			FS	14
1981	3101	37	5	9/24/1981	3:52	8.1	19.5	7.8	8000			FS	14
1981	3102	38	5	9/24/1981	4:15	10.5	20	7.8	8200			FS	14
1981	3103	38	6	9/24/1981	4:31	3.6	20	7.5	7000			FS	14
1981	3104	38	6	9/24/1981	4:40	3	20	7.5	7000			FS	14
1981	3105	38	5	9/24/1981	4:55	2.1	19.5	7.4	6600			FS	14
1981	3106	38	5	9/24/1981	5:09	2.7	20	7.6	7000			FS	14
1981	3107	92	5	10/6/1981	6:10	2.4	14	9.2	395			FS	15
1981	3108	92	5	10/6/1981	6:20	2.4	14.5	9.4	360			FS	15
1981	3109	92	5	10/6/1981	6:33	2.4	14.5	9.7	365			FS	15
1981	3110	91	5	10/6/1981	6:43	5.4	14.5	9.7	245			FS	15
1981	3111	90	5	10/6/1981	19:52	9	15.5	9.3	240			FS	15
1981	3112	89	5	10/6/1981	20:05	17.4	15.5	9.1	225			FS	15
1981	3113	88	5	10/6/1981	20:15	8.7	16	9	355			FS	15
1981	3114	88	5	10/6/1981	20:33	12	15	9.3	365			FS	15
1981	3115	88	5	10/6/1981	21:20	18	16	8.8	5250			FS	15
1981	3116	87	5	10/6/1981	21:28	18.3	16	9.1	345			FS	15
1981	3117	87	5	10/6/1981	21:37	18	16	9.1	325			FS	15
1981	3118	87	5	10/6/1981	21:46	18.6	15.5	9	4300			FS	15
1981	3119	86	5	10/6/1981	21:58	16.2	16	9.2	475			FS	15
1981	3120	86	5	10/6/1981	22:08	27	16	8.9	225			FS	15
1981	3121	84	5	10/6/1981	22:22	10.2	16	8.7	240			FS	15
1981	3122	83	5	10/6/1981	22:39	3.6	16	8.6	230			FS	15
1981	3123	82	5	10/6/1981	22:50	18.9	16	8.6	175			FS	15
1981	3124	81	5	10/6/1981	23:04	4.5	16.5	8.6	225			FS	15
1981	3125	81	5	10/6/1981	23:14	8.1	16.5	8.6	230			FS	15
1981	3126	81	5	10/6/1981	23:37	13.5	15.5	8.8	240			FS	15
1981	3127	80	5	10/6/1981	23:42	5.7	16.5	8.5	230			FS	15
1981	3128	79	5	10/6/1981	23:54	18	16.5	8.6	230			FS	15
1981	3129	77	5	10/7/1981	0:09	16.2	16.5	8.6	230			FS	15
1981	3130	77	5	10/7/1981	0:20	18.6	16		230			FS	15
1981	3131	72	5	10/7/1981	0:45	1.8	16.5	8.3	240			FS	15
1981	3132	71	5	10/7/1981	0:59	15	17	8.3	180			FS	15
1981	3133	70	5	10/7/1981	1:12	1.8	17	8.3	240			FS	15
1981	3134	68	5	10/7/1981	1:20	5.4	17	8.4	235			FS	15
1981	3135	68	5	10/7/1981	1:33	11.7	17	8.2	235			FS	15
1981	3136	63	5	10/7/1981	1:55	7.8	17	8.4	230			FS	15
1981	3137	62	5	10/7/1981	2:10	10.8	17.5	8.4	230			FS	15
1981	3138	62	5	10/7/1981	2:20	12.6	17.5	8.4	235			FS	15
1981	3139	61	5	10/7/1981	2:40	6.6	17	8.5	235			FS	15

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3140	60	5	10/7/1981	2:50	5.4	17.5	8.6	230			FS	15
1981	3141	58	5	10/7/1981	3:04	1.2	17.5	8.5	240			FS	15
1981	3142	59	6	10/7/1981	3:20	3.6	17	8.3	240			FS	15
1981	3143	58	6	10/7/1981	3:26	2.7	17	8.4	245			FS	15
1981	3144	58	6	10/7/1981	3:39	2.4	17	8.5	245			FS	15
1981	3145	58	5	10/7/1981	3:46	6.6	17.5	8.3	240			FS	15
1981	3146	58	6	10/7/1981	4:00	2.4	17	8.4	245			FS	15
1981	3147	57	5	10/7/1981	4:11	12	17	8.7	245			FS	15
1981	3148	57	5	10/7/1981	4:20	16.5	17.5	8.3	8550			FS	15
1981	3149	57	5	10/7/1981	4:35	11.7	17.5	8.6	245			FS	15
1981	3150	56	5	10/7/1981	4:51	18.6	17.5	8.2	245			FS	15
1981	3151	56	6	10/7/1981	5:00	4.2			250			FS	15
1981	3153	55	5	10/8/1981	19:07	17.1	15.7	9.8	245			FS	15
1981	3154	54	5	10/8/1981	19:19	16.5	16.1	9	340			FS	15
1981	3155	54	5	10/8/1981	19:29	0.3	17		370			FS	15
1981	3156	51	5	10/8/1981	19:54	5.4	16.9	9.6	1300			FS	15
1981	3157	51	5	10/8/1981	20:02	12.6	17	9	6250			FS	15
1981	3158	51	5	10/8/1981	20:17	16.8	16.9	9.3	3950			FS	15
1981	3160	48	5	10/8/1981	20:40	24			1550			FS	15
1981	3161	47	5	10/8/1981	20:55	30.9	17		2600			FS	15
1981	3162	44	4	10/8/1981	21:13	5.7	16.8	9.5	3600			FS	15
1981	3163	43	6	10/8/1981	21:23	0.3	16.9		3750			FS	15
1981	3164	43	5	10/8/1981	21:36	9	16.4	9.6	4700			FS	15
1981	3165	42	5	10/8/1981	21:36	24	16.8	9	10500			FS	15
1981	3166	42	5	10/8/1981	21:58	5.1	16.5	9	335			FS	15
1981	3167	42	5	10/8/1981	22:07	0.3	16.4		3200			FS	15
1981	3168	42	5	10/8/1981	22:19	7.5	16	10	6500			FS	15
1981	3169	42	4	10/8/1981	22:32	4.5	16.2	9.8	7000			FS	15
1981	3170	41	5	10/8/1981	22:44	16.2	16	8.6	11000			FS	15
1981	3171	40	5	10/8/1981	22:57	15.6						FS	15
1981	3172	40	5	10/8/1981	23:08	16.5	16	8.9	9500			FS	15
1981	3173	40	6	10/8/1981	23:19	4.8	16.5	9.3	8800			FS	15
1981	3174	131	5	10/19/1981	18:37	0.3	11.1		200			FS	16
1981	3175	130	5	10/19/1981	18:53	11.7	11	12.2	200			FS	16
1981	3176	129	5	10/19/1981	19:03	11.7	11		190			FS	16
1981	3177	128	5	10/19/1981	19:17	12	11	10.6	185			FS	16
1981	3178	126	5	10/19/1981	19:38	11.1	11	12.2	200			FS	16
1981	3179	125	5	10/19/1981	19:45	13.5	11	12.9	200			FS	16
1981	3180	125	5	10/19/1981	19:53	13.5	10	12.4	185			FS	16
1981	3181	15	5	10/5/1981	19:13	3.9	16.5	9	14000			FS	15
1981	3182	15	5	10/5/1981	19:39	6.9	16.5	6.5	20000			FS	15
1981	3183	17	4	10/5/1981	20:03	4.5	16	7.6	17000			FS	15
1981	3184	18	4	10/5/1981	20:20	4.5	16	8.7	13000			FS	15
1981	3185	18	4	10/5/1981	20:34	3	16	9	11000			FS	15
1981	3186	19	5	10/5/1981	20:59	2.4	16	9.5	10000			FS	15
1981	3187	20	4	10/5/1981	21:13	5.1	16	7.6	12500			FS	15
1981	3188	20	5	10/5/1981	21:26	7.5	16	8.3	13500			FS	15
1981	3189	20	6	10/5/1981	21:47	4.5	16	9.5	12000			FS	15
1981	3190	21	5	10/5/1981	22:02	0.3	15.9		8000			FS	15
1981	3191	20	4	10/5/1981	22:18	3.6	16	9.9	10000			FS	15
1981	3192	21	4	10/5/1981	22:38	3.3	15.5	10.1	8000			FS	15
1981	3193	24	4	10/5/1981	22:55	0.3	15.7		8200			FS	15
1981	3194	29	5	10/5/1981	23:12	14.7	16.5	6.3	20000			FS	15
1981	3195	25	5	10/5/1981	23:29	1.5	16	10	7000			FS	15
1981	3196	25	5	10/5/1981	23:46	10.8	16	9.2	11000			FS	15
1981	3197	26	5	10/6/1981	0:08	6.3						FS	15
1981	3198	26	5	10/6/1981	0:24	6.3	16	10.1	6400			FS	15
1981	3199	25	4	10/6/1981	0:41	3	15.5	11.8	7600			FS	15
1981	3200	26	4	10/6/1981	0:55	3	15.5	9.7	7200			FS	15

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3201	26	4	10/6/1981	1:09	3	15.5	9.6	7200			FS	15
1981	3202	26	5	10/6/1981	1:25	1.2	16.3	9.5	5990			FS	15
1981	3203	26	4	10/6/1981	1:40	3	16	9.3	6200			FS	15
1981	3204	27	5	10/6/1981	2:00	0.3	16.5		5000			FS	15
1981	3205	27	4	10/6/1981	2:29	3	16	9.5	6200			FS	15
1981	3206	27	4	10/7/1981	19:23	3	15	10.2	7800			FS	15
1981	3207	27	4	10/7/1981	19:42	3	15	10.1	7750			FS	15
1981	3208	28	4	10/7/1981	20:01	4.8	15.5	10	7150			FS	15
1981	3209	28	5	10/7/1981	20:17	2.4	15		7800			FS	15
1981	3210	28	6	10/7/1981	20:35	3	15	10	6600			FS	15
1981	3211	28	6	10/7/1981	20:53	3	15	10	6300			FS	15
1981	3212	29	6	10/7/1981	21:07	3	15	9.6	6000			FS	15
1981	3213	29	6	10/7/1981	21:20	3	15	9.6	6100			FS	15
1981	3214	29	6	10/7/1981	21:34	3	15.2	9.4	6150			FS	15
1981	3215	29	5	10/7/1981	21:51	6.6	15.5	9.3	7400			FS	15
1981	3216	29	4	10/7/1981	22:09	3	16	8.8	6450			FS	15
1981	3217	30	4	10/7/1981	22:20	3	16	9.4	6250			FS	15
1981	3218	30	4	10/7/1981	22:31	3.6	16.5	9.1	6350			FS	15
1981	3219	30	4	10/7/1981	22:44	4.5	16.5	9.4	6650			FS	15
1981	3220	30	4	10/7/1981	22:54	3.6	16	9.2	6650			FS	15
1981	3221	31	4	10/7/1981	23:08	3.3	16		6550			FS	15
1981	3222	30	4	10/7/1981	23:21	3.3	16	9	7000			FS	15
1981	3223	30	4	10/7/1981	23:33	4.5	15.5	9.3	7350			FS	15
1981	3224	30	4	10/7/1981	23:43	5.7	16	8.9	7700			FS	15
1981	3225	31	5	10/7/1981	23:54	6.3	14	9.1	8350			FS	15
1981	3226	31	5	10/8/1981	0:04	7.2	14	8.8	9500			FS	15
1981	3227	31	4	10/8/1981	0:16	3.3	14	9.6	6350			FS	15
1981	3228	32	5	10/8/1981	0:28	7.8	14.2	7	18500			FS	15
1981	3229	31	5	10/8/1981	0:43	3	17	9.7	5650			FS	15
1981	3230	31	6	10/8/1981	0:56	3	17	9.4	5700			FS	15
1981	3231	31	6	10/8/1981	1:05	3	16.8	9.6	5400			FS	15
1981	3232	31	6	10/8/1981	1:17	2.7	15.8	10	5150			FS	15
1981	3233	31	6	10/8/1981	1:35	2.7	15	10.2	5150			FS	15
1981	3234	32	6	10/8/1981	1:45	2.7	16.2	9.8	5250			FS	15
1981	3235	32	6	10/8/1981	1:56	2.7	16.5	10	5150			FS	15
1981	3236	32	5	10/8/1981	2:18	11.1	17	6.4	15000			FS	15
1981	3237	32	5	10/8/1981	2:30	8.4	17	9.6	7250			FS	15
1981	3238	32	5	10/8/1981	2:47	5.1	18	9.2	5450			FS	15
1981	3239	33	5	10/8/1981	2:59	4.2	17	8.8	5350			FS	15
1981	3240	34	5	10/8/1981	3:19	6.6	18	8.5	4800			FS	15
1981	3241	34	5	10/8/1981	3:32	3.6	17.5	8.5	5550			FS	15
1981	3242	35	5	10/8/1981	3:45	9.9	17.5	8.2	6900			FS	15
1981	3243	34	6	10/8/1981	4:03	3	16.5	9.2	5650			FS	15
1981	3244	35	6	10/8/1981	4:15	3	16.2	9.8	295			FS	15
1981	3245	39	6	10/8/1981	4:48	3	18	8.5	5150			FS	15
1981	3246	40	4	10/8/1981	5:09	3.6	17	8.5	4400			FS	15
1981	3247	40	5	10/8/1981	5:23	3	17.5	8.4	4450			FS	15
1981	3248	38	6	10/8/1981	19:13	3	15.5	10.2	6350			FS	15
1981	3249	38	5	10/8/1981	19:29	9	15.5	9.4	13500			FS	15
1981	3250	38	5	10/8/1981	19:42	8.7	15.8	10	9950			FS	15
1981	3251	38	5	10/8/1981	19:55	6.9			240			FS	15
1981	3252	37	5	10/8/1981	20:07	6.9	15	11.6	6750			FS	15
1981	3253	37	5	10/8/1981	20:23	2.7	14.8	11	6850			FS	15
1981	3254	37	5	10/8/1981	20:36	7.2	15.2	10.2	9250			FS	15
1981	3255	37	6	10/8/1981	20:53	3.6	15.5	11	6800			FS	15
1981	3256	37	6	10/8/1981	21:04	3	15.5	10.6	6550			FS	15
1981	3257	37	6	10/8/1981	21:17	3	15.2	10.8	6200			FS	15
1981	3258	37	6	10/8/1981	21:30	0.3	16		6050			FS	15
1981	3259	37	6	10/8/1981	21:44	2.7	15.5	10.4	6050			FS	15

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3260	37	6	10/8/1981	22:00	4.2	15	10.2	6100			FS	15
1981	3261	36	5	10/8/1981	22:17	0.3	16.5		6600			FS	15
1981	3262	125	5	10/19/1981	20:02	13.5	11	11.8	180			FS	16
1981	3263	119	5	10/19/1981	20:35	12	11	12.2	185			FS	16
1981	3264	119	5	10/19/1981	20:46	2.4	11	12.1	185			FS	16
1981	3265	118	5	10/19/1981	20:56	12.6	11.5	12.1	185			FS	16
1981	3266	115	5	10/19/1981	21:17	14.7	11.5	11.7	190			FS	16
1981	3267	115	5	10/19/1981	21:25	13.2	11.5	12.2	200			FS	16
1981	3268	113	5	10/19/1981	21:37	13.8	11.5	12.1	200			FS	16
1981	3269	113	5	10/19/1981	21:48	0.3	11.3		200			FS	16
1981	3270	112	5	10/19/1981	21:59	17.4	11.5	12.2	310			FS	16
1981	3271	112	5	10/19/1981	22:12	0.3	11.3		200			FS	16
1981	3272	111	5	10/19/1981	22:24	3.6	11	12.2	200			FS	16
1981	3273	111	5	10/19/1981	22:37	14.1	11	12.1	200			FS	16
1981	3274	110	5	10/19/1981	22:53	15.6						FS	16
1981	3275	110	5	10/19/1981	23:00	0.3	10.7		230			FS	16
1981	3276	110	5	10/19/1981	23:13	15	11	12.3	200			FS	16
1981	3277	109	5	10/19/1981	23:27	2.1	11	12.2	200			FS	16
1981	3278	109	5	10/19/1981	23:37	11.4	10.5	12.1	200			FS	16
1981	3279	108	5	10/19/1981	23:49	0.9	10.5	12.5	200			FS	16
1981	3280	108	5	10/19/1981	23:59	1.5	10.5	12.3	200			FS	16
1981	3281	108	5	10/20/1981	0:10	7.5	10.5	12.1	200			FS	16
1981	3282	107	5	10/20/1981	0:31	7.8	10.5	10.6	200			FS	16
1981	3283	107	5	10/20/1981	0:39	8.1	10	10.6	200			FS	16
1981	3284	107	5	10/20/1981	0:52	5.4	10.5	10.5	200			FS	16
1981	3285	104	5	10/20/1981	1:08	13.2	10	10.6	200			FS	16
1981	3286	103	5	10/20/1981	1:26	13.2	10	10.8	210			FS	16
1981	3287	102	5	10/20/1981	1:38	1.2	10	10.8	210			FS	16
1981	3288	101	5	10/20/1981	1:48	0.9	10	10.7	220			FS	16
1981	3289	101	5	10/20/1981	2:00	10.2	10	10.9	220			FS	16
1981	3290	101	5	10/20/1981	2:11	13.8	10	10.6	220			FS	16
1981	3291	101	5	10/20/1981	2:22	16.2	10.2		220			FS	16
1981	3292	36	5	10/8/1981	22:34	7.8	15	10.2	8250			FS	15
1981	3293	36	6	10/8/1981	22:50	2.7	15.5	9	6800			FS	15
1981	3294	36	6	10/8/1981	23:02	2.7	15	9.5	6700			FS	15
1981	3295	36	6	10/8/1981	23:17	2.4	14.8	9	6800			FS	15
1981	3296	36	6	10/8/1981	23:34	2.4	14.8	9.4	6400			FS	15
1981	3297	35	6	10/8/1981	23:47	2.4	15	9.2	6900			FS	15
1981	3298	35	6	10/9/1981	0:01	2.7	15	9.2	7050			FS	15
1981	3299	35	6	10/9/1981	0:14	3	15	9.2	7200			FS	15
1981	3318	100	5	10/20/1981	2:33	10.2	10	10.8	220			FS	16
1981	3319	98	5	10/20/1981	2:49	3.6	10	10.7	220			FS	16
1981	3320	98	5	10/20/1981	3:00	12.6	10	10.9	220			FS	16
1981	3321	98	5	10/20/1981	3:13	1.2	9.5	10.7	210			FS	16
1981	3322	96	5	10/20/1981	3:27	11.1	9.5	10.7	220			FS	16
1981	3323	95	5	10/20/1981	3:38	14.7	10	10.8	220			FS	16
1981	3324	96	5	10/20/1981	3:47	12	10	10.8	210			FS	16
1981	3325	95	5	10/20/1981	4:00	12	10	10.8	220			FS	16
1981	3326	95	5	10/20/1981	4:13	1.5	10	10.6	220			FS	16
1981	3328	95	5	10/20/1981	4:48	9.3						FS	16
1981	3329	95	5	10/20/1981	5:03	9.3	10	10.8	220			FS	16
1981	3330	94	5	10/20/1981	5:18	12.9	10	10.8	310			FS	16
1981	3331	93	5	10/20/1981	5:26	10.8	9	10.6	210			FS	16
1981	3332	93	5	10/20/1981	5:37	9	9	10.9	240			FS	16
1981	3333	93	5	10/20/1981	5:45	9	9	10.7	290			FS	16
1981	3334	92	5	10/20/1981	6:03	7.5	9	10.6	210			FS	16
1981	3335	92	5	10/20/1981	6:14	6.9	9	10.6	240			FS	16
1981	3336	92	5	10/20/1981	6:26	7.2	9	10.6	200			FS	16
1981	3337	92	5	10/20/1981	6:37	1.8	9	10.5	250			FS	16

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3338	92	5	10/20/1981	6:47	1.8	9	10.5	240			FS	16
1981	3339	91	5	10/20/1981	6:56	0.9	9	10.4	240			FS	16
1981	3340	90	5	10/20/1981	7:03	1.5	9	10.6	200			FS	16
1981	3341	90	5	10/20/1981	7:13	4.2	9	10.5	200			FS	16
1981	3342	89	5	10/20/1981	20:14	18						FS	16
1981	3343	89	5	10/20/1981	20:25	15.9	12	9.6	200			FS	16
1981	3344	89	5	10/20/1981	20:38	8.4	11.5		240			FS	16
1981	3345	88	5	10/20/1981	20:48	13.2	11.9	6.4	250			FS	16
1981	3346	87	5	10/20/1981	21:02	15.6	12	9.2	200			FS	16
1981	3347	85	5	10/20/1981	21:24	2.7	12.2		190			FS	16
1981	3348	84	5	10/20/1981	21:39	2.7	12.1	9.5	185			FS	16
1981	3349	83	5	10/20/1981	21:55	10.8	12.2	9.6	200			FS	16
1981	3350	83	5	10/20/1981	22:05	10.5	12	9.5	190			FS	16
1981	3351	84	5	10/20/1981	22:14	9	12	9.6	190			FS	16
1981	3352	81	5	10/20/1981	22:35	13.5	12.5	9.4	200			FS	16
1981	3353	80	5	10/20/1981	22:47	16.5	12.5	9.4	200			FS	16
1981	3354	80	5	10/20/1981	23:00	1.8	12.3	9.6	200			FS	16
1981	3355	78	5	10/20/1981	23:18	12	11.5		205			FS	16
1981	3356	78	5	10/20/1981	23:32	13.2	12.6		200			FS	16
1981	3357	74	5	10/20/1981	23:54	14.4	13	9.6	220			FS	16
1981	3358	72	5	10/21/1981	0:07	15.9	13	9.3	220			FS	16
1981	3359	69	5	10/21/1981	0:30	4.8	13		300			FS	16
1981	3360	68	5	10/21/1981	0:43	3.6	13.1	9.2	220			FS	16
1981	3361	68	5	10/21/1981	0:56	12	13	9.2	220			FS	16
1981	3362	67	5	10/21/1981	1:08	15	13	9	225			FS	16
1981	3363	67	5	10/21/1981	1:19	15	13.3	9	220			FS	16
1981	3364	64	5	10/21/1981	1:41	5.4	13.7		225			FS	16
1981	3365	61	5	10/21/1981	2:01	3.3	13	9	320			FS	16
1981	3366	58	6	10/21/1981	2:26	2.4			400			FS	16
1981	3367	58	6	10/21/1981	2:38	4.5	13	9				FS	16
1981	3368	58	5	10/21/1981	2:45	6.6	13	9.2	340			FS	16
1981	3369	58	6	10/21/1981	2:53	3.6	13	9.3	300			FS	16
1981	3370	59	5	10/21/1981	3:02	8.7	13	9.2	320			FS	16
1981	3371	59	6	10/21/1981	3:15	4.5	13.3	9.3	260			FS	16
1981	3372	58	5	10/21/1981	3:23	7.8	13	9	280			FS	16
1981	3373	58	6	10/21/1981	3:34		13.6		300			FS	16
1981	3374	57	5	10/21/1981	3:45	5.4	19.3		340			FS	16
1981	3375	57	5	10/21/1981	3:59	12.6	13.2	9	380			FS	16
1981	3376	57	5	10/21/1981	4:08	14.7	13.2	8.6	410			FS	16
1981	3377	56	4	10/21/1981	4:19	5.1	13.1		380			FS	16
1981	3378	56	5	10/21/1981	4:33	1.8	13.1	9	480			FS	16
1981	3379	55	5	10/21/1981	4:44	16.5	13	9	540			FS	16
1981	3380	54	5	10/21/1981	4:55	27.3	12.9	9	800			FS	16
1981	3381	54	5	10/21/1981	5:05	24.9	13.9		560			FS	16
1981	3382	54	5	10/21/1981	5:15	21.3	13	8.9	690			FS	16
1981	3383	53	5	10/21/1981	5:25	18.3	13	8.8	765			FS	16
1981	3384	54	5	10/21/1981	5:46	9.9	12.8	9	1200			FS	16
1981	3385	49	5	10/21/1981	6:01	16.8	11.5	8.7	1650			FS	16
1981	3386	49	5	10/21/1981	6:20	2.7	11.1	8.6	1900			FS	16
1981	3387	45	5	10/21/1981	6:38	36	11.1	8.6	3600			FS	16
1981	3388	15	4	10/21/1981	18:15	5.1	18.2	6.6	20000			FS	16
1981	3389	16	5	10/21/1981	18:28	3.9	15	8.1	20000			FS	16
1981	3390	17	4	10/21/1981	18:42	5.7	14.5	8	18000			FS	16
1981	3391	17	4	10/21/1981	18:55	5.7	14.2	8.6	16000			FS	16
1981	3392	18	5	10/21/1981	19:08	1.5	14	7	14000			FS	16
1981	3393	18	5	10/21/1981	19:24	4.8	14		20000			FS	16
1981	3394	19	4	10/21/1981	19:37	5.7	15	8	14000			FS	16
1981	3395	20	4	10/21/1981	19:47	5.4			18000			FS	16
1981	3396	20	4	10/21/1981	19:56	5.4	14	6.2	16500			FS	16

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3397	21	5	10/21/1981	20:10	6.6	14	6.2	13000			FS	16
1981	3398	20	4	10/21/1981	20:22	4.8	13.8	6	18000			FS	16
1981	3399	21	5	10/21/1981	20:34	5.1	14	6.4	14000			FS	16
1981	3400	24	4	10/21/1981	20:49	4.2	14	6.6	12000			FS	16
1981	3401	24	4	10/21/1981	20:59	4.2	13.6	6.2	12000			FS	16
1981	3402	25	4	10/21/1981	21:08	4.2	13.5	6.2	11000			FS	16
1981	3403	25	4	10/21/1981	21:19	4.8	13.8	6.2	12000			FS	16
1981	3404	25	5	10/21/1981	21:39	10.5	13.5	6.2	12000			FS	16
1981	3405	26	5	10/21/1981	21:50	0.9	13.5	6.2	10500			FS	16
1981	3406	25	4	10/21/1981	22:01	3.9	13.4	6.2	10000			FS	16
1981	3407	26	4	10/21/1981	22:11	3	13.2	6.4	11000			FS	16
1981	3408	26	4	10/21/1981	22:20	3.3	13.1		10000			FS	16
1981	3409	26	4	10/21/1981	22:31	2.7	13.2	6.7	10000			FS	16
1981	3410	27	4	10/21/1981	22:41	2.7	13	6.4	10000			FS	16
1981	3411	27	4	10/21/1981	22:52	2.7	13	6.2	10000			FS	16
1981	3412	27	4	10/21/1981	23:02	2.7	13	6.4	10000			FS	16
1981	3413	27	5	10/21/1981	23:14	0.9	13	6.6	10000			FS	16
1981	3414	27	5	10/21/1981	23:32	4.5	13	6.2	8500			FS	16
1981	3415	27	5	10/21/1981	23:43	2.4	13	6.4	9800			FS	16
1981	3416	28	5	10/21/1981	23:54	0.6	13.2		9400			FS	16
1981	3417	28	5	10/22/1981	0:10	1.2	13	6.4	8000			FS	16
1981	3418	29	4	10/22/1981	0:24	3	13	6.6	9000			FS	16
1981	3501	28	4	10/22/1981	0:37	3.3	13.2	7.4	8000			FS	16
1981	3502	29	4	10/22/1981	0:47	3.3	13	7.6	9000			FS	16
1981	3503	29	4	10/22/1981	0:56	3.3	13	7.6	9600			FS	16
1981	3504	29	4	10/22/1981	1:04	3.3	13	7.5	9000			FS	16
1981	3505	30	4	10/22/1981	1:14	3.3	13	6.4	8900			FS	16
1981	3506	30	4	10/22/1981	1:22	3.3	13	5.6	8800			FS	16
1981	3507	30	4	10/22/1981	1:31	3	14	7.4	8850			FS	16
1981	3508	31	4	10/22/1981	1:49	3.3	13.2	7.5	8400			FS	16
1981	3509	31	4	10/22/1981	1:58	4.8	13.2	7.2	8200			FS	16
1981	3510	32	4	10/22/1981	2:08	3	13.5	6.8	8100			FS	16
1981	3511	32	5	10/22/1981	2:19	7.5	13.8	7	7800			FS	16
1981	3512	32	5	10/22/1981	2:29	7.8	13.5	6.6	8200			FS	16
1981	3513	32	5	10/22/1981	2:40	0.9	14.5		6600			FS	16
1981	3514	29	5	10/22/1981	3:06	10.5	13.6	6	9200			FS	16
1981	3515	29	5	10/22/1981	3:13	10.8	13.2	6	8800			FS	16
1981	3516	29	5	10/22/1981	3:25	6.6	13	6.8	9000			FS	16
1981	3517	30	5	10/22/1981	3:34	9	13.2	6.2	9000			FS	16
1981	3518	30	4	10/22/1981	3:54	5.7	13.2	7.2	8400			FS	16
1981	3519	30	5	10/22/1981	4:02	7.2	13.5	7.2	8800			FS	16
1981	3520	32	6	10/22/1981	4:18	3	13.5	7.2	7000			FS	16
1981	3521	32	6	10/22/1981	4:28	2.7	14	7.6	7000			FS	16
1981	3522	32	6	10/22/1981	4:37	2.7	14	7.6	7000			FS	16
1981	3523	31	6	10/22/1981	4:46	2.7	13.5	7.4	7200			FS	16
1981	3524	30	6	10/22/1981	4:54	2.4	13.6	8	7200			FS	16
1981	3525	30	6	10/22/1981	5:03	2.4	13.4	7.4	7800			FS	16
1981	3526	30	6	10/22/1981	5:11	2.1	13.2	8.2	7800			FS	16
1981	3527	34	5	10/22/1981	5:33	1.8	13	7.8	7000			FS	16
1981	3528	34	5	10/22/1981	5:45	1.2	14.2		7200			FS	16
1981	3529	33	5	10/22/1981	5:55	3.6	14		7200			FS	16
1981	3530	34	6	10/22/1981	6:13	3	14		8200			FS	16
1981	3531	35	5	10/22/1981	6:32	10.5	13.2		8000			FS	16
1981	3532	35	5	10/22/1981	6:40	7.8	13.4		7650			FS	16
1981	3533	45	5	10/22/1981	18:12	3.3	15.5		2100			FS	16
1981	3534	44	5	10/22/1981	18:21	3.3	15.4		2250			FS	16
1981	3535	44	5	10/22/1981	18:31	10.5	15.3		3400			FS	16
1981	3536	43	6	10/22/1981	18:45	3.6	15.5		3400			FS	16
1981	3537	43	6	10/22/1981	18:55	2.7	15.5		2200			FS	16

Hudson River Fall Juvenile Water Quality Data, 1974-1981

YEAR	SAMPLE	RIV_MILE	SITE	DATE	TIME	WQ_SDPTH	H2O_TEMP	D_O	COND	PH	TURB	PROGRAM	RIV_RUN
1981	3538	43	4	10/22/1981	19:09	3.6	15.9		3800			FS	16
1981	3539	42	4	10/22/1981	19:16	6	15.8		4800			FS	16
1981	3540	41	4	10/22/1981	19:25	3.6	15.8		4400			FS	16
1981	3541	41	4	10/22/1981	19:35	3	15.8		5000			FS	16
1981	3542	42	5	10/22/1981	19:46	17.4	15.5		5900			FS	16
1981	3543	42	5	10/22/1981	19:59	23.7	15.4					FS	16
1981	3544	42	5	10/22/1981	20:10	18	15.5		6200			FS	16
1981	3545	42	5	10/22/1981	20:20	15	15.4		4400			FS	16
1981	3546	38	5	10/22/1981	20:40	9.6	15.9		6650			FS	16
1981	3547	38	6	10/22/1981	20:50	3.9	14.9		7000			FS	16
1981	3548	38	6	10/22/1981	21:00	3	14.9		7000			FS	16
1981	3549	38	6	10/22/1981	21:07	3	14.9		7200			FS	16
1981	3550	37	6	10/22/1981	21:15	3	15.1		6900			FS	16
1981	3551	37	6	10/22/1981	21:25	3	15.1		6800			FS	16
1981	3552	36	6	10/22/1981	21:30	2.7	15		6800			FS	16
1981	3553	36	6	10/22/1981	21:40	2.7	15		6800			FS	16
1981	3554	36	6	10/22/1981	21:46	2.7	14.9		7000			FS	16
1981	3555	35	6	10/22/1981	22:05	2.4	15		7100			FS	16
1981	3556	35	6	10/22/1981	22:15	2.7	14.8		7250			FS	16
1981	3557	35	6	10/22/1981	22:25	3	15		7000			FS	16
1981	3558	35	6	10/22/1981	22:30	3	15		6900			FS	16
1981	3559	36	6	10/22/1981	22:40	2.7	15		6800			FS	16
1981	3560	36	6	10/22/1981	22:50	2.7	15		6800			FS	16
1981	3561	36	6	10/22/1981	23:00	3	15		6800			FS	16
1981	3562	36	5	10/22/1981	23:15	10.5	14.4		8200			FS	16
1981	3563	36	5	10/22/1981	23:25	9.9	14.4		8200			FS	16
1981	3564	36	5	10/22/1981	23:30	10.8	14.5		8450			FS	16
1981	3565	37	5	10/22/1981	23:40	9	14.5		7800			FS	16
1981	3566	38	5	10/22/1981	23:50	1.8	15		5650			FS	16
1981	3567	38	5	10/23/1981	0:00	8.4	14.9		7200			FS	16